UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

EARTHQUAKE DATA REPORT
May 1985

NATIONAL EARTHQUAKE INFORMATION CENTER

Open File Report
86-551E

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards.

EDR No. 5-85
October 16, 1985
P. 1-132 PART 1 of 2

U. S. DEPARTMENT OF THE INTERIOR

Geological Survey

EARTHQUAKE DATA REPORT

The Earthquake Data Report (EDR) is issued to those individuals and organizations having a special need for information used in the preparation of the Preliminary Determination of Epicenters (PDE) monthly listing.

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 Baysian 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 $20° \leq \Delta \leq 160°$, 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 $\Delta \leq 5°$. 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.

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 (°) appears as "`".

References

Bolt, Bruce A. (1968), Estimation of PKP Travel Times, *Bull. Seis. Soc. Am.*, **58**, pp. 1305–1324.

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.

MAY 01, 1985 00h 59m 05.36± 0.19s
54.484 N ± 3.9km 161.434 W ± 2.7km
DEPTH = 33.0km (normal)
5.2mb (53 obs.) 4.5Msz (5 obs.)
ALASKA PENINSULA (12)
ML 5.2 (PMR). Felt (IV) at Cold Boy and (III) at Sand Point.

KDC	5.98	53	iPc	00	31.80	-2.0
SVW	7.33	23	eP	00	53.80	1.0
TTA	8.93	16	eP	01	14.20	-0.8
PMS	9.26	38	ePc	01	17.90	-1.7
PWA	9.43	36	eP	01	20.80	-1.0
ADK	9.52	260	eP	01	23.70	0.6
MID	9.61	53	eP	01	23.50	-0.8
PMR	9.65	37	P	01	25.00	0.2
PME	9.71	37	eP	01	23.80	-1.9
TOA	11.06	40	eP	01	42.80	-1.4
IMA	12.23	15	eP	02	00.40	0.4
COL	12.47	28	eP	02	00.00	-3.2X
	0.9s	21.01nm			5.3mb	
FBA	12.47	28	eP	01	59.90	-3.3X
PNL	13.03	58	eP	02	09.70	-0.9
SIT	14.88	69	eP	02	32.60	-2.2
INK	18.99	32	eP	03	23.00	-3.2X
YKA	25.23	53	eP	04	30.90	1.6
YKC	25.29	53	eP	04	30.50	0.7
	0.4s	7.00nm			4.6mb	
MBC	26.85	21	eP	04	43.00	-1.2
EDM	27.96	73	iPd	04	54.70	0.2
NEW	27.97	84	eP	04	54.00	-0.7
FHC	28.32	103	e(P)	04	59.00	1.1
WDC	29.29	102	eP	05	07.10	0.5
MIN	29.98	102	e(P)	05	13.20	0.3
ORV	30.57	103	e(P)	05	18.20	0.3
JAS1	32.30	104	eP	05	33.80	0.7
BMN	32.45	97	eP	05	34.20	-0.3
	0.9s	5.86nm			4.5mb	
MNA	33.24	101	eP	05	42.10	0.6
FFC	33.54	65	eP	05	44.00	0.3
	0.6s	4.00nm			4.5mb	
EUR	33.80	97	iP	05	46.60	0.2
	0.5s	15.96nm			5.2mb	
CWC	34.68	103	eP	05	54.00	0.1
BDW	35.43	87	eP	06	00.50	0.1
	1.0s	4.40nm			4.3mb	
SSB	36.08	105	eP	06	05.00	-0.7
GSC	36.21	103	eP	06	07.00	0.2
MWC	36.29	106	eP	06	08.00	0.4
TPC	37.50	104	eP	06	18.00	0.4
ALE	37.54	12	ePd	06	16.50	-0.9
	0.9s	21.00nm			5.0mb	
PLM	37.60	106	eP	06	18.00	-0.6
RSSD	37.83	82	eP	06	20.40	-0.1
	1.0s	9.00nm			4.6mb	
BAR	38.20	106	eP	06	23.00	-0.5
RMU	38.32	96	eP	06	24.80	0.2
GLA	38.97	104	eP	06	31.00	1.1
GOL	39.83	88	eP	06	38.00	0.7
	0.9s	3.41nm			4.1mb X	
Z	20s	0.60um			4.4Msz	
ALQ	42.43	94	eP	06	58.00	-0.6
	1.0s	5.25nm			4.2mb	
LHC	43.56	67	eP	07	07.50	0.2
FRB	44.42	39	eP	07	14.00	-0.1
	0.7s	66.00nm			5.6mb	
MAT	44.45	272	eP	07	14.00	-0.8
	1 2s	62.50nm			5.3mb	
		eS		14	08.00	
DAG	46.89	11	iPc	07	32.60	-1.0
	0.7s	32.88nm			5.4mb	
CN2	46.94	288	eP	07	33.00	-1.3
		pP		07	41.00	27kmX
TUL	47.97	85	eP	07	42.00	-0.6
	0.9s	17.90nm			5.1mb	
Z	19s	0.44um			4.5Msz	
LTX	48.12	97	eP	07	44.50	0.6
	1.0s	3.60nm			4.4mb	
Z	18s	0.82um			4.8Msz	
RLO	48.23	84	eP	07	43.20	-1.4
SNY	49.27	288	eP	07	51.80	-0.7
		eS		14	54.00	
JCT	49.52	93	eP	07	54.00	-0.6
	1.0s	10.50nm			4.8mb	
Z	20s	0.46um			4.5Msz	
FVM	49.63	79	eP	07	54.00	-1.3
	0.8s	15.15nm			5.1mb	

SCH	50.59	48	eP	08	02.00	-0.5
RSCP	54.06	77	eP	08	27.30	-1.4
BJI	54.57	291	eP	08	31.00	-1.3
BLA	55.82	72	P	08	40.50	-1.0
KEV	55.92	356	iP	08	41.00	-0.7
	0.6s	20.90nm			5.3mb	
		i		08	42.50	
TRO	56.19	360	eP	08	43.00	-0.6
HHC	56.48	295	eP	08	45.00	-1.3
TIA	56.78	287	Pc	08	47.00	-1.4
AKU	56.95	17	eP	08	50.60	1.5
	0.9s	16.81nm			5.1mb	
PRM	56.99	76	eP	08	48.00	-1.9
BTO	57.47	295	P	08	53.00	-0.3
SSE	58.22	280	P	08	57.50	-0.9
	1.5s	138.00nm			5.8mb	
		pP		09	04.50	23kmX
		e		17	00.00	
TIY	58.27	292	eP	08	58.00	-0.9
SOD	58.32	356	iP	08	57.10	-1.6
NJ2	58.84	282	eP	09	00.00	-2.8
KJF	61.44	355	iP	09	19.00	-1.2
	0.8s	19.10nm			5.3mb	
		eS		17	40.00	
		eScS		19	12.00	
WHN	62.52	285	eP	09	26.00	-1.9
XAN	62.90	291	Pc	09	29.60	-0.8
SUF	62.99	356	iP	09	29.20	-1.3
	0.5s	16.20nm			5.4mb	
GTA	63.59	301	P	09	33.70	-1.3
NB2	64.68	4	P	09	40.50	-1.1
	0.8s	21.60nm			5.3mb	
BER	64.99	7	eP	09	43.20	-0.4
NUR	65.25	357	iP	09	44.20	-1.0
Z	19s	0.20um			4.3Msz	
		eS		18	24.00	
		eSSS		26	00.00	
		LR		40	20.00	
HFS	65.67	3	eP	09	46.40	-1.5
	0.4s	30.10nm			5.7mb	
Z	17s	0.20um			4.4MszX	
		LR		37	42.00	
WMQ	65.80	312	iPc	09	49.00	-0.2
KONO	65.99	5	eP	09	50.30	0.3
UPP	66.01	1	iP	09	48.60	-1.4
CD2	68.10	293	P	10	03.90	0.1
EKA	69.10	13	Pc	10	09.70	0.1
	1.4s	44.80nm			5.3mb	
DMU	69.95	16	eP	10	15.60	0.8
	1.2s	90.00nm			5.7mb	
GYA	69.97	288	P	10	15.40	-0.1
DCN	70.43	16	eP	10	17.40	-0.3
	0.7s	40.00nm			5.6mb	
KMI	73.19	290	eP	10	34.50	-0.4
WTS	73.44	8	ePc	10	36.00	0.4
	1.0s	26.00nm			5.2mb	
KSH	74.30	317	eP	10	42.00	1.0
UCC	74.42	9	Pc	10	42.00	0.7
CLL	74.48	4	iP	10	41.60	0.0
	1.4s	33.00nm			5.1mb	
ENN	74.59	8	eP	10	42.50	0.2
	1.2s	45.00nm			5.3mb	
MEM	74.75	8	Pc	10	43.60	0.4
KSP	75.03	1	eP	10	44.50	-0.3
MOX	75.08	5	iP	10	45.50	0.4
	1.3s	63.00nm			5.5mb	
DOU	75.14	9	Pc	10	46.00	0.6
		e		10	55.40	
WLF	75.70	8	Pd	10	49.40	0.8
		e		11	02.60	
KRA	75.83	359	iPc	10	49.80	0.4
	0.6s	23.00nm			5.4mb	
PRU	75.85	3	P	10	49.50	0.0
FLN	75.88	13	iPc	10	50.10	0.4
GRF	76.01	5	eP	10	51.30	0.8
	1.3s	40.00nm			5.3mb	
LDF	76.09	13	iPc	10	51.50	0.6
	1.0s	9.60nm			4.8mb	
GRR	76.20	13	iPc	10	52.10	0.6
	0.9s	18.80nm			5.1mb	
LPF	76.53	13	iPc	10	54.10	0.8
	0.9s	15.10nm			5.0mb	
KHC	76.67	3	iPd	10	55.00	0.8
	1.0s	35.00nm			5.3mb	
		e		11	39.50	
SPC	76.69	359	eP	10	55.30	0.8
BUH	76.85	7	ePd	10	55.40	0.2

CDF	77.04	8	iPc	10	57.20	0.9
	1.1s	16.60nm			5.0mb	
ECH	77.22	8	eP	10	57.40	0.1
HAU	77.37	8	iPc	10	59.00	1.0
JOS	77.38	359	iPd	10	58.50	0.4
	1.0s	31.80nm			5.3mb	
BSF	77.57	8	iPc	11	00.20	0.9
	1.1s	31.60nm			5.3mb	
ZST	77.69	1	e(P)	11	00.50	0.8
GRC	77.75	11	iPc	11	01.00	0.9
SLE	77.77	7	eP+	11	00.50	0.2
LOR	77.86	10	iPc	11	01.50	0.7
	1.1s	17.00nm			5.0mb	
SSF	78.03	10	iPc	11	02.50	0.8
	0.9s	21.20nm			5.2mb	
ZUL	78.05	7	eP+	11	01.70	-0.1
MFF	78.05	13	iPc	11	02.70	0.9
	1.0s	29.60nm			5.3mb	
L8F	78.15	10	iPc	11	02.80	0.4
	0.9s	9.00nm			4.8mb	
AVF	78.28	11	iPc	11	03.80	0.8
	0.9s	13.60nm			5.0mb	
BGF	78.46	11	iPc	11	04.80	0.8
	1.0s	11.50nm			4.8mb	
SMF	78.48	10	iPc	11	04.80	0.7
	1.1s	18.00nm			5.0mb	
LSF	78.61	12	iPc	11	05.60	0.7
	0.9s	15.10nm			5.0mb	
TCF	78.65	11	iPc	11	05.90	0.8
LLS	78.70	7	eP	11	06.40	0.8
KBA	78.72	4	iPd	11	06.20	0.5
	1.2s	58.30nm			5.5mb	
		i		11	10.50	
		i		11	35.10	
MZF	78.76	11	iPc	11	06.60	0.9
OSS	78.95	6	eP+	11	07.50	0.5
VDL	79.11	6	eP+	11	08.80	0.9
EMS	79.34	8	eP+	11	10.10	1.0
RJF	79.54	12	eP	11	10.70	0.8
CTI	79.67	5	eP	11	10.50	-0.3
VRI	79.78	354	eP	11	12.00	0.8
LFF	79.80	13	iPc	11	12.50	1.2
	1.1s	22.60nm			5 1mb	
ORO	79.86	8	eP	11	13.00	1.2
LOE	79.91	286	eP	11	12.00	-0.3
CAF	79.97	12	iPc	11	13.20	0.9
	1.1s	8.30nm			4.6mb	
LPO	80.11	12	iPc	11	13.90	0.9
MLR	80.20	355	eP	11	15.00	1.3
CHG	80.33	289	eP	11	14.50	-0.1
CHTO	80.33	289	eP	11	14.00	-0.6
	1.0s	10.00nm			4.8mb	
CLO	80.75	357	eP	11	06.00	-10 4X
EPF	81.62	13	iPc	11	21.50	0.5
MLS	81.79	13	eP	11	22.80	0.9
MHI	82.96	328	iPd	11	29.20	1.0
NDI	83.05	311	iPd	11	28.20	-0.4
	0.5s	16.20nm			5.4mb	
JMB	83.18	354	iPd	11	30.00	0.9
SKO	83.89	358	eP	11	33.70	1.0
TOL	84.02	17	ePc	11	35.00	1.6
KDZ	84.07	355	iP	11	34.00	0.4
VAY	84.51	357	eP	11	37.00	1.2
OHR	84.76	358	eP	11	38.00	0.9
QUE	85.94	320	eP	11	43.50	0.1
IR2	85.99	334	eP	11	45.00	1.5
CTA	86.67	228	iPc	11	47.20	0.5
	0.9s	12.60nm			5.1mb	
W82	92.09	238	eP	12	12.10	-0.1
WRA	92.10	238	Pd	12	12.40	0.2
	5.3s	20.10nm			4.8mb X	
HYB	92.12	304	eP	12	12.50	-0.1
GBA	95.94	303	Pc	12	29.80	-0.3
MTD	141.04	340	ePKP	18	30.00	-3.9X
SPA	144.30	180	ePKP	18	36.90	-1.2
	1.1s	13.10nm				
BUL	144.87	343	iPKPd	18	39.40	-1.1
SLR	150.40	342	ePKP	18	55.00	5.8X
	0.7s	30.82nm				
KSR	150.76	345	ePKP	18	56.20	6.4X
BPI	150.87	342	ePKP	18	51.50	1.5
	0.8s	14.93nm				
EVA	151.00	340	ePKP	18	57.00	6.9X
	0.8s	17.91nm				
BFS	151.79	344	ePKP	18	58.50	7.2X
	1.0s	38.00nm				

S.D. = 0.9 on 160 of 169 obs.

01d 01h

& MAY 01, 1985 01h 16m 27.89s
37.993 N 87.630 W
DEPTH = 10.0km (geophysicist)
KENTUCKY (490)
<SLM>. mbLg 2.9 (SLM). Felt in the western part of Evansville, Indiana.

ELC	1.45	241	P	16 54.20	0.1
IN3	1.92	48	P	17 02.00	1.1
IN2	2.05	19	P	17 04.00	1.2
DMV	2.12	233	P	17 04.00	0.2
FVM	2.21	271	P	17 06.00	0.9
IN4	2.65	53	P	17 15.00	3.6
IN1	2.88	27	P	17 16.00	1.4
RSCP	2.90	145	P	17 18.30	3.3
PWLA	3.03	187	P	17 17.00	0.3
AN8	3.44	48	P	17 25.00	2.4
AN4	3.66	51	P	17 32.00	6.3
AN12	3.96	41	P	17 35.00	5.1
BLA	5.78	96	P	18 08.00	12.2

13 obs. associated

• MAY 01, 1985 01h 57m 55.76± 0.98s
39.232 N ± 8.4km 22.955 E ± 9.2km
DEPTH = 10.0km (geophysicist)
GREECE (364)

PAIG	0.89	39	ePgd	58 14.10	1.2
			iSg	58 27.40	
LIT	0.94	338	ePgd	58 12.60	-1.1
			eSg	58 26.40	
OUR	1.36	35	ePb	58 20.70	0.1
			eSb	58 39.80	
ATH	1.39	154	ePn	58 21.00	-0.2
KZN	1.41	320	ePn	58 20.80	-0.7
			eSg	58 40.60	
GRG	1.77	346	ePb	58 26.40	-0.3
KNT	1.93	359	iPnc	58 28.60	-0.3
			eSn	58 53.00	
VAY	2.11	352	ePn	58 32.60	1.1
MMB	2.43	14	iPd	58 35.00	-1.1
OHR	2.50	319	ePn	58 39.00	1.8
KDZ	3.02	36	iP	58 44.00	-0.5

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

• MAY 01, 1985 03h 12m 55.35± 0.95s
37.891 S ± 8.1km 175.458 E ±24.2km
DEPTH = 165.4 ± 20.4 km
NORTH ISLAND, NEW ZEALAND (159)

WTZ	1.21	95	P	13 23.00	-0.7
			S	13 41.00	
GBZ	1.67	1	P	13 28.30	0.1
TRZ	1.97	148	iPc	13 31.90	0.4
			S	14 00.00	
GNZ	2.15	111	P	13 30.00	-3.5X
			S	13 48.00	
MNG	2.72	160	P	13 41.20	0.8
			S	14 15.00	
WEL	3.43	189	iPc	13 49.80	0.5
			S	14 31.50	
SNZO	3.46	189	iP	13 49.00	-0.7
			eS	14 24.30	
COB	3.83	213	eP	13 56.20	1.9X
			S	14 46.00	
OMZ	7.94	204	eP	14 48.00	-0.8
			eS	16 14.00	
MSZ	8.83	218	P	14 02.00	-58.6X
			S	16 36.00	
WB2	39.81	285	iPc	20 14.00	0.2
WRA	39.81	285	Pd	20 17.00	3.1X
	0.2s		42.40nm		5.8mb X

S.D. = 0.8 on 8 of 12 obs.

• MAY 01, 1985 05h 02m 31.71± 0.85s
39.399 N ± 7.6km 22.923 E ± 9.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.1 (ATH).

KZN	1.27	316	ePb	02 54 80	-0.5
ATH	1.55	156	ePg	02 58.00	-1.4
			eSb	03 15.50	
VAY	1.94	352	ePn	03 04.70	-0.3
VLS	2 19	237	ePg	03 10.50	1.8
MMB	2.27	15	iP	03 09 00	-0.9
OHR	2.36	317	ePn	03 10.20	-0.9
SKO	2.81	337	eP	03 36.00	18.6X
KDZ	2.90	39	iP	03 20.00	1.2
VTS	3.20	4	eP	03 23.00	0.0
PVL	4.11	24	eP	03 37.00	1.1
FOUF	13.05	298	P	05 59.00	19.2X

S.D. = 1.3 on 9 of 11 obs.

? MAY 01, 1985 05h 13m 22.53± 1.01s
21.778 S ±11.0km 68.434 W ±12.6km
DEPTH = 165.5 ± 18.7 km
CHILE-BOLIVIA BORDER REGION (124)

ANT	2.65	223	eP	14 06.50	-0.2
YJA	2.75	99	ePd	14 08.00	-0.4
			S	14 43.00	
SLA	3.99	138	iPc	14 24.40	0.5
LPB	5.23	4	iP	14 40.60	0.2
VAO	19.89	98	e(P)	17 43.00	-0.1
YKA	91.59	340	eP	26 16.00	4.8X

S.D. = 0.7 on 5 of 6 obs.

• MAY 01, 1985 05h 18m 35.14± 1.07s
39.220 N ± 7.3km 22.806 E ±12.3km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.3 (ATH).

PAIG	0.98	43	ePg	18 54.10	0.4
			eSg	19 07.90	
KZN	1.35	324	ePb	18 50.20	-9.8X
THE	1.42	5	ePbc	19 01.70	0.8
OUR	1.44	39	ePb	19 00.90	-0.3
ATH	1.44	150	ePg	19 01.20	0.0
			eSg	19 20.50	
GRG	1.76	350	ePb	19 05.70	-0.2
KNT	1.94	2	ePn	19 08.60	0.1
VAY	2.11	355	iPn	19 11.00	0.1
MMB	2.47	16	iPc	19 15.00	-1.1
			iS	19 43.00	
KDZ	3.10	38	iP	19 25.00	0.0

S.D. = 0.6 on 9 of 10 obs.

MAY 01, 1985 05h 32m 34.91± 0.19s
52.991 N ± 5.2km 157.876 E ± 3.9km
DEPTH = 147.6km (6 depth phases)
4.9mb (36 obs.)
KAMCHATKA (217)

SMY	9.82	85	eP	34 54.70	1.2
TSK	20.91	224	eP	37 06.50	-0.4
MAT	21.46	228	iPd	37 12.20	-0.1
	0.7s		143.84nm		5.5mb
			eS	41 10.00	
DDR	21.48	225	eP	37 12.80	0.2
KYS	21.77	222	eP	37 17.50	2.2
SRY	21.78	224	eP	37 17.50	2.1
OYM	21.95	224	eP	37 17.80	0.6
TTA	25.83	49	iPc	37 53.90	0.1
IMA	27.02	42	ePc	38 04.50	-0.1
KDC	28.07	60	eP	38 12.20	-1.8
PMR	29.12	52	P	38 22.50	-0.8
	1.0s		25.00nm		4.9mb
PME	29.16	52	eP	38 23.10	-0.6
	0.6s		36.60nm		5.3mb
			e	41 26.70	
COL	29.44	45	iPc	38 26.20	0.0
	0.9s		57.98nm		5.3mb
FBA	29.44	45	iPc	38 26.10	-0.1
	0.8s		59.90nm		5.4mb
PNL	34.21	53	eP	39 07.70	0.0
INK	34.78	37	ePc	39 12.90	0.6
SIT	37.13	56	eP	39 32.30	0.1
MBC	37.66	23	eP	39 37.00	0.5
	0.6s		11.00nm		4.8mb
YKA	44.14	42	eP	40 30.50	0.8
YKC	44.20	42	ePc	40 30.60	0.4
	0.3s		7.00nm		4.8mb
PNT	49.16	59	iPc	41 09.30	0.1
	0.7s		20.00nm		5.0mb
EDM	49.89	52	iPc	41 14.50	-0.2
	0.5s		44 00nm		5.5mb
NEW	51 11	59	eP	41 23.00	-1.0
FHC	52.21	70	eP	41 33 30	1.0
SES	52 79	53	iPc	41 35.80	-0.7
WDC	53.17	69	ePc	41 39.80	0.5
MIN	53.86	69	ePc	41 44.50	-0.1
FFC	54.05	45	iPc	41 45.50	-0.2
	0.7s		18.00nm		5.0mb
ORV	54.45	70	iPc	41 48.30	-0.5
LRM	55.12	58	ePc	41 53.60	-0.3
BRK	55.17	72	eP	41 53.90	0.0
BKS	55.18	72	eP	41 54.40	0.4
	1.0s		43.00nm		5.3mb
PCC	55.36	72	ePc	41 54.80	-0.5
MHC	55.89	72	eP	41 59.30	0.0
JAS1	56.18	70	iPc	42 01.60	0.3
BMN	56.25	66	eP	42 02.00	0.1
	0.9s		14.65nm		4.9mb
			e	42 36.00	145km
SAO	56.40	72	eP	42 02.50	-0.3
CHG	56.57	256	iPc	42 03.40	-0.8
	0.9s		18.91nm		5.0mb
CHTO	56.57	256	eP	42 02.90	-1.3
	0.7s		13.98nm		5.0mb
PRS	56.75	72	ePc	42 05.20	-0.1
LLA	56.79	72	e(P)	42 05.90	0.3
MNA	57.11	68	ePc	42 08.40	0.4
PRI	57.29	72	e(P)	42 09.60	0.4
EUR	57.60	66	iP	42 12.00	0.5
	0.5s		14.63nm		5.2mb
KKN	58.02	275	eP	42 13.50	-1.0
	0.5s		14.00nm		5.2mb
FRB	58.12	22	eP	42 13.00	-1.5
DMN	58.26	275	eP	42 14.60	-1.6
	0.5s		8.00nm		4.9mb
BDW	58.72	59	iP	42 19.50	0.2
	1.0s		5B.00nm		5.5mb
			e	42 54.00	146km
RSSD	60.57	55	iP	42 31.30	-0.5
	0.8s		84.51nm		5.7mb
			e	43 06.80	150km
RMU	62.07	65	eP	42 41.00	-0.9
GLA	62.85	71	P	42 47.10	0.2
GOL	63.13	59	iP	42 50.00	1.0
	1.0s		6.00nm		4.5mb
NB2	63.25	343	P	42 48.00	-1.2
	0.8s		1.30nm		3.9mb
HFS	63.62	341	eP	42 50.20	-1.4
	0.6s		1.90nm		4.2mb
ALQ	66.10	63	iPc	43 08.40	0.3
	0.9s		16.39nm		5.0mb
			e	43 37.50	118kmX
SCH	66.38	26	eP	43 08.00	-1.3
TUL	70.90	56	ePc	43 37.00	-0.4
	1.2s		59.00nm		5.3mb
RLO	71.08	55	iPc	43 38.00	-0.5
FVM	71.85	51	iP	43 42.20	-0.8
	0.8s		22.73nm		5.0mb
LTX	71.90	65	iP	43 44.00	0.4
	0.9s		46.15nm		5.2mb
			e	44 20.50	149km
JCT	73.10	62	iP	43 50.40	-0.1
	0.9s		16.39nm		4.8mb
			epP	44 42.00	218kmX
CTA	73.47	191	iP	43 51.90	-0.6
	0.8s		7.46nm		4.5mb
GBA	73.51	271	Pc	43 51.50	-1.5
KHC	73.85	336	P	43 55.30	0.8
WB2	75.44	203	eP	44 02.50	-1.4
			e	44 39.20	148km
			e	45 24.60	
WRA	75.45	203	Pc	44 02.90	-1.0
	1.0s		10.40nm		4.5mb
KBA	75.82	336	i(P)	44 06.50	0.5
	1.1s		7.00nm		4.3mb
			i	44 43.00	147km
RSCP	76.02	49	iP	44 07.30	0.2
LOR	77.69	342	iPc	44 16.40	0.3
	0.8s		4.50nm		4.3mb
LBF	77.94	342	eP	44 17.50	0.0
SSF	77.95	342	eP	44 17.90	0.3
AVF	78.24	342	iPc	44 19.70	0.6
	0.8s		3.30nm		4.1mb
PRM	78.74	47	iP	44 22.10	0.0
TCF	78.93	343	eP	44 23.50	0.6
	0.7s		2.60nm		4.1mb
MZF	78.94	343	iPc	44 23.90	0.9
	0.8s		4.20nm		4.2mb
LSF	79.09	344	iPc	44 24.30	0.5
ASPA	79.13	202	eP	44 24.00	-0.2
RJF	80.01	343	eP	44 29.80	1.1
CAF	80.28	343	iPc	44 31.40	1.3
	0.8s		4.50nm		4.3mb

LFF	80.50	344	eP	44 32.60	1.4
LPO	80.67	343	iPc	44 33.40	1.3
	0.8s		8.00nm	4.5mb	
EPF	82.42	344	iPc	44 42.10	0.7
SPA	142.81	180	ePKP	51 45.90	-4.9X
	0.6s		5.28nm		
VAO	144.59	42	e(PKP)	51 55.00	-0.1

S.D. = 0.8 on 83 of 84 obs.

MAY 01, 1985 06h 01m 29.15± 0.30s
0.854 N ± 6.5km 29.446 W ± 6.3km
DEPTH = 10.0km (geophysicist)
4.7mb (27 obs.) 3.9Msz (1 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)

ITR	13.09	223	eP	04 35.60	-2.3
			e(S)	06 50.00	
SOB1	15.16	229	ePc	05 07.30	2.1
	1.5s		21.60nm	4.3mb	
			e	05 11.60	
			e	08 34.70	
BAO	24.58	227	P	06 51.20	0.3
KIC	25.25	77	eP	06 56.70	-0.4
LPB	41.86	244	eP	09 20.00	-1.9
			I	09 23.20	
			LR	22 29.00	
TOL	45.21	28	eP	09 49.00	0.7
EPF	49.73	29	eP	10 24.90	1.2
	1.2s		20.80nm	5.0mb	
LFF	51.37	27	eP	10 36.60	0.6
	1.0s		8.80nm	4.6mb	
LPO	51.38	28	eP	10 36.70	0.6
CAF	51.98	28	eP	10 41.10	0.4
	1.1s		9.70nm	4.6mb	
LSF	52.73	27	eP	10 46.30	0.0
	1.0s		7.40nm	4.6mb	
TCF	53.07	27	eP	10 48.90	0.1
	1.0s		4.40nm	4.4mb	
MZF	53.18	27	eP	10 50.00	,0.3
	1.0s		6.20nm	4.5mb	
BGF	53.56	27	eP	10 52.40	0.0
	1.2s		12.50nm	4.8mb	
GRC	54.22	27	ePc	10 54.00	-3.2X
SSF	54.24	27	eP	10 57.40	0.0
	1.0s		4.00nm	4.4mb	
LBF	54.40	28	eP	10 58.80	0.2
	0.9s		6.00nm	4.6mb	
LOR	54.55	27	eP	10 59.70	0.0
	0.8s		4.00nm	4.5mb	
HAU	56.25	28	eP	11 11.70	-0.3
	1.0s		8.00nm	4.7mb	
BSF	56.34	29	eP	11 12.40	-0.3
	1.2s		13.20nm	4.8mb	
ECH	56.78	28	eP	11 15.80	0.0
CDF	56.97	28	eP	11 16.80	-0.5
	1.0s		8.00nm	4.7mb	
WLF	57.35	27	P	11 29.00	9.3X
BUH	57.61	29	eP	11 21.80	0.1
MEM	57.97	26	P	11 27.00	2.9X
PRM	59.43	310	eP	11 47.00	12.4X
GRF	59.75	29	eP	11 37.00	0.5
KSR	60.47	120	e(P)	11 41.30	-0.8
KHC	60.57	31	iPc	11 41.40	-0.8
	1.3s		18.00nm	5.0mb	
			e	12 07.10	
BLF	60.87	124	eP	11 43.50	-1.2
	0.5s		6.49nm	5.0mb	
BPI	61.54	120	eP	11 44.00	-5.4X
PRU	61.60	31	eP	11 49.00	-0.1
SLR	61.63	120	eP	11 51.00	1.0
SCH	61.82	337	eP	11 49.00	-1.6
BRG	61.85	30	e(P)	11 46.00	-4.8X
ZST	61.89	33	eP	11 50.50	-0.6
RSCP	62.45	310	eP	11 56.10	1.0
KRA	64.48	33	eP	12 08.60	0.5
NB2	67.54	20	P	12 27.20	-0.4
	1.0s		6.80nm	4.8mb	
FRB	69.00	343	eP	12 35.00	-1.6
RLO	69.93	308	ePd	12 41.80	-1.0
TUL	70.47	308	eP	12 45.20	-0.9
	0.8s		10.00nm	5.0mb	
Z	19s		0.07um	3.9Msz	
			e	12 53.50	
NUR	72.36	25	iP	13 01.00	4.0X
	0.7s		13.30nm	5.1mb	
Z	23s		0.30um	4.5MszX	
			LR	39 50.00	

JCT	72.68	302	IP	13 00.00	0.4
	1.0s		11.00nm	4.9mb	
SUF	74.13	23	IP	13 07.50	0.2
	0.8s		2.90nm	4.4mb	
KJF	75.49	22	eP	13 15.00	-0.1
LTX	75.84	300	eP	13 18.10	0.2
	1.2s		3.48nm	4.3mb	
DAG	76.07	3	IPd	13 17.20	-0.9
	1.0s		10.00nm	4.9mb	
SOD	76.73	19	eP	13 21.00	-1.0
GOL	78.64	310	eP	13 34.00	0.5
ALQ	78.87	305	eP	13 34.50	-0.3
	1.6s		16.67nm	4.8mb	
BDW	82.17	313	eP	13 53.00	0.9
	1.1s		2.12nm	4.2mb	
RMU	82.72	307	eP	13 56.50	1.5
LRM	84.51	316	eP	14 04.40	0.3
EDM	85.66	323	eP	14 09.40	0.0
EUR	86.77	309	iP	14 16.20	0.8
	1.0s		3.85nm	4.6mb	
YKA	87.00	332	eP	14 20.90	5.2X
BMN	87.75	310	eP	14 20.50	0.5
	1.0s		2.50nm	4.5mb	
SPA	90.85	180	e(P)	14 36.20	2.2

S.D. = 0.9 on 51 of 59 obs.

MAY 01, 1985 07h 02m 06.80± 0.88s
39.331 N ± 7.5km 29.098 E ± 7.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.46	307	IPg	02 14.70	-1.4
ALT	0.83	109	ePg	02 00.00	-23.0X
			iSg	02 35.00	
KCT	1.08	328	IPn	02 26.80	-0.3
YLV	1.25	10	iPn	02 29.80	-0.3
GPA	1.34	44	iPn	02 30.50	-1.0
BNT	1.37	319	iPn	02 31.50	-0.4
EDC	1.39	317	iPn	02 32.00	-0.2
IZM	1.71	238	iPn	02 35.00	-1.8
ISK	1.73	359	ePn	02 38.30	1.2
KGT	1.78	310	ePn	02 37.80	0.0
CTT	1.88	344	iPn	02 37.80	-1.5
EZN	2.20	284	iPn	02 42.80	-1.1
BCK	2.20	147	ePn	02 45.00	0.9
DMK	2.69	338	iPn	02 49.00	-1.9
JMB	3.67	329	IP	03 04.00	-0.7
KDZ	3.67	310	IPg	03 06.00	1.1
DIM	3.81	317	eP	03 09.00	2.3
PLD	4.34	311	IP	03 16.00	1.7
PVL	4.83	323	IPd	03 23.00	1.8
VAY	5.37	294	ePn	03 30.00	1.1
VTS	5.53	308	eP	03 23.00	-8.1X
MLR	6.58	340	eP	03 47.00	0.9
CLO	7.40	323	eP	03 56.80	-0.6

S.D. = 1.3 on 21 of 23 obs.

• MAY 01, 1985 07h 14m 53.00± 0.86s
39.329 N ± 7.0km 23.094 E ±11.4km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 2.9 (ATH).

KZN	1.41	314	ePg	15 17.60	-1.2
ATH	1.44	160	ePg	15 18.50	-0.6
			eSb	15 36.30	
VAY	2.03	349	ePn	15 27.50	-0.1
VLS	2.27	240	ePg	15 32.20	1.0
MMB	2.31	12	IPc	15 32.00	0.5
			IS	16 01.00	
OHR	2.50	316	ePn	15 34.20	-0.2
VTS	3.27	1	eP	15 46.00	0.8

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

MAY 01, 1985 07h 31m 32.78± 0.88s
39.317 N ± 8.3km 29.125 E ± 6.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.48	307	IPg	31 40.90	-1.7
			ISg	31 47.40	
ALT	0.81	109	ePg	31 48.00	-0.5
			ISg	32 03.00	
KCT	1.10	328	IPn	31 53.80	0.3
YLV	1.26	9	IPn	31 55.80	-0.8
GPA	1.33	43	IPn	31 57.50	0.1
BNT	1.39	319	iPn	31 58.10	-0.1
EDC	1.42	317	iPn	31 58.50	0.0
IZM	1.72	238	ePn	32 03.50	0.5
CTT	1.90	344	iPn	32 08.30	2.7X
EZN	2.22	284	ePn	32 14.40	4.2X
DMK	2.71	338	ePn	32 19.00	1.8

S.D. = 1.1 on 9 of 11 obs.

• MAY 01, 1985 07h 51m 39.98± 0.89s
39.305 N ± 9.2km 23.060 E ±15.1km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 2.9 (ATH).

KZN	1.41	316	ePg	52 05.50	-0.3
ATH	1.43	159	ePg	52 05.90	0.0
			eSb	52 23.60	
			eSg	52 25.00	
VAY	2.05	350	ePn	52 15.00	0.1
MMB	2.34	12	iP	52 19.00	-0.1
OHR	2.50	317	ePn	52 21.60	0.2

S.D. = 0.3 on 5 of 5 obs.

? MAY 01, 1985 07h 52m 25.31± 7.33s
24.092 N ±10.9km 122.693 E ±66.9km
DEPTH = 33.0km (normal)
TAIWAN REGION (243)

TWC	0.93	304	iPd	52 42.00	0.0
			eS	52 53.10	
TWD	1.00	270	Pd	52 43.00	-0.1
			eS	52 54.50	
TATO	1.41	309	eP	52 48.80	0.0
			eS	53 06.00	
TWF1	1.48	240	iPd	52 50.00	0.1
ANP	1.53	316	eP	52 57.00	6.4X
TWG	1.95	230	iPc	52 56.70	-0.1

S.D. = 0.1 on 5 of 6 obs.

MAY 01, 1985 08h 10m 41.64± 0.81s
39.359 N ± 7.1km 22.978 E ± 9.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.1 (ATH).

KZN	1.33	316	ePn	11 05.10	-1.1
ATH	1.50	157	ePn	11 08.80	0.2
			eSg	11 31.80	
VAY	1.98	351	iPn	11 15.40	-0.2
VLS	2.21	238	ePb	11 18.70	-0.2
MMB	2.30	14	IPd	11 19.00	-1.2
OHR	2.42	317	ePn	11 24.70	2.8X
PRK	2.56	91	ePg	11 31.30	7.5X
SKO	2.86	336	ePn	11 30.00	1.9
KDZ	2.91	38	IP	11 28.00	-0.8
			IS	12 03.00	
VTS	3.24	3	iP	11 34.00	0.5
			Sg	12 24.00	
DIM	3.34	36	eP	11 38.00	3.1X
PVL	4.13	23	eP	11 47.00	0.9

S.D. = 1.2 on 9 of 12 obs.

• MAY 01, 1985 08h 34m 51.73± 0.86s
39.296 N ± 7.7km 23.114 E ±10.3km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.1 (ATH).

ATH	1.40	160	ePg	35 17.00	-0.3
			eSb	35 35.00	
KZN	1.45	315	ePg	35 15.90	-2.1
VAY	2.06	349	IPn	35 26.40	-0.4
VLS	2.27	241	ePg	35 30.30	0.5
MMB	2.34	11	eP	35 30.00	-0.8
OHR	2.54	316	ePn	35 35.50	1.9
KDZ	2.90	35	iP	35 39.00	0.3
SKO	2.96	335	ePn	35 43.50	3.9X
VTS	3.30	1	eP	35 45.00	0.6
PVL	4.15	21	eP	35 57.00	0.6
MLR	6.54	18	eP	36 21.00	-9.4X

S.D. = 1.3 on 9 of 11 obs.

• MAY 01, 1985 08h 53m 44.38± 1.20s
31.342 S ± 9.8km 68.931 W ±18.2km
DEPTH = 119.8 ± 7.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

ZON	0.30	133	iPc	54 01.40	-0.4

01d 08h

			eS	54 11.00		
CFA	0.65	114	iPc	54 04.00		0.4
			S	54 16.30		
TCA	3.71	91	iPd	54 41.40		0.4
			S	55 21.20		
FSA	5.83	27	iPc	55 08.80		-1.0
SLA	7.25	26	e(P)	55 30.00		0.6
YJA	9.63	19	e(P)	56 01.00		-0.7
LPB	14.76	3	eP	57 10.00		1.2
SOB1	34.12	56	e(P)	00 19.00		-0.7
			e	00 29.40		
			e	00 47.30		
KIC	71.74	70	eP	04 56.30		0.7
GBA	144.45	112	PKPc	13 08.10		-0.4
	0.5s		2.10nm			
	S.D. = 0.9		on 10 of 10 obs.			

& MAY 01, 1985 08h 55m 37.21s
60.674 N 152.274 W
DEPTH = 89.8km
SOUTHERN ALASKA (2)
<AGS-P>.

RDT	0.12	213	iP	55 49.90		1.3
			eS	55 59.84		
RED	0.36	224	eP	55 51.10		-0.1
SPU	0.52	12	eP	55 51.70		-0.7
ILM	0.56	209	iP	55 52.48		-0.2
			eS	56 04.11		
CRP	0.60	5	eP	55 52.81		-0.4
			eS	56 04.51		
SLKM	1.03	98	iP	55 56.38		-1.2
			eS	56 14.10		
HOM	1.07	163	eP	55 58.00		0.1
SUA	1.09	43	eP	55 57.82		-0.5
			eS	56 13.55		
BRLK	1.15	142	eP	55 58.13		-0.8
			eS	56 14.33		
CNPM	1.26	155	eP	56 00.20		-0.2
SKT	1.36	15	eP	56 00.56		-1.0
			eS	56 18.58		
PMS	1.44	65	eP	56 01.87		-0.8
			eS	56 21.96		
SEW	1.51	111	eP	56 02.19		-1.3
			eS	56 21.40		
PWA	1.52	49	eP	56 03.58		0.0
PTE	1.61	82	eP	56 03.10		-1.6
PLRM	1.78	57	eP	56 07.39		0.4
PME	1.84	57	eP	56 07.07		-0.7
MSE	1.98	52	eP	56 08.03		-1.8
KNK	2.00	67	eP	56 08.07		-1.9
SML	2.22	57	eP	56 11.00		-1.9
CFI	2.26	75	eP	56 10.76		-2.6
GLI	2.55	83	eP	56 14.25		-3.1
VZW	2.82	80	eP	56 18.37		-2.8
VLZ	2.94	78	eP	56 19.95		-2.7
KLU	3.19	72	iP	56 23.36		-2.9
KMP	3.62	73	eP	56 29.26		-2.9
	26 obs. associated					

• MAY 01, 1985 09h 35m 53.94± 0.88s
9.018 S ±12.0km 116.753 E ±11.4km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
SUMBAWA ISLAND REGION (285)

DNP	1.56	282	ePc	36 20.00		0.3
MKS	4.64	36	iPc	37 02.40		-1.1
			iS	38 03.60		
MBL	12.43	167	eP	38 57.00		5.5X
			eS	41 13.00		
NAU	13.50	185	eP	39 04.00		-1.7
			eS	41 42.00		
MEK	17.58	175	eP	40 09.00		10.8X
			eS	43 19.00		
WBN	19.42	153	eP	40 26.00		5.5X
WRA	20.17	124	Pc	40 29.60		1.0
	0.5s		6.20nm		4.2mb	
WB2	20.18	124	iPc	40 29.30		0.6
ASPA	21.94	134	eP	40 50.00		3.4X
ITR	149.62	235	e(PKP)	55 39.00		1.0
	S.D. = 1.5		on 6 of 10 obs.			

MAY 01, 1985 10h 18m 11.65± 0.57s
46.168 N ± 6.3km 6.926 E ± 5.0km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)

ML 3.0 (LDG).

EMS	0.10	178	eP	18 14.20		-0.3
DIX	0.35	104	eP	18 18.70		-0.3
MMK	0.73	99	eP	18 26.30		0.1
LLS	1.59	63	eP	18 41.10		1.0
ZUL	1.65	37	eP	18 40.30		-0.6
BSF	1.67	357	Pg	18 39.50		-1.6
			Sg	18 59.90		
HAU	1.88	348	Pn	18 40.60		-3.5X
			Pg	18 43.20		
			Sg	19 06.00		
ECH	2.05	4	ePn	18 47.00		0.3
SMF	2.19	284	Pg	18 49.30		0.7
			Sg	19 15.40		
LBF	2.19	293	Pg	18 48.70		0.0
			Sg	19 16.30		
CDF	2.26	6	Pg	18 50.50		0.8
			Sg	19 19.30		
LOR	2.38	299	Pg	18 51.10		-0.2
			Sg	19 20.70		
BGF	2.85	279	Pg	19 01.80		3.8X
			Sg	19 36.50		
SPC	9.48	67	iPd	20 56.00		24.7X
DST	17.18	105	ePn	22 34.90		21.7X
	S.D. = 0.8		on 11 of 15 obs.			

• MAY 01, 1985 10h 41m 46.98± 1.37s
7.014 S ±12.4km 130.460 E ±22.8km
DEPTH = 33.0km (normal)
TANIMBAR ISLANDS REGION (281)

AAI	4.00	326	iPd	42 47.70		0.1
MTN	5.83	174	eP	43 18.00		4.5X
			eS	44 24.00		
KNA	8.84	191	eP	43 57.00		1.5
	0.4s		51.00nm		6.0mb X	
			eS	45 32.00		
WRA	13.39	164	Pc	44 57.20		-0.1
	0.4s		3.10nm		4.6mb X	
WB2	13.40	164	eP	44 56.30		-1.0
			i	44 58.50		
			iS	47 22.10		
ASPA	16.88	169	eP	45 43.00		0.5
			eS	48 41.00		
MBL	17.42	215	eP	45 48.00		-1.2
			eS	48 51.00		
WBN	19.38	191	iPd	46 13.30		0.2
	S.D. = 1.1		on 7 of 8 obs.			

? MAY 01, 1985 11h 09m 56.39± 5.99s
39.202 N ±53.4km 29.138 E ±11.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.56	316	iPg	10 06.40		-1.5
			iSg	10 13.90		
KCT	1.21	330	iPn	10 19.50		0.6
YLV	1.38	7	iPn	10 21.50		-0.2
GPA	1.41	39	ePn	10 22.00		-0.1
BNT	1.49	321	iPn	10 24.10		0.9
EDC	1.51	320	ePn	10 23.70		0.3
	S.D. = 1.1		on 6 of 6 obs.			

% MAY 01, 1985 12h 34m 47.09± 1.60s
39.235 N ±19.7km 29.066 E ±12.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.50	318	iPg	34 55.90		-1.4
			iSg	35 02.90		
ALT	0.83	102	ePg	35 03.00		-0.2
			iSg	35 18.00		
KCT	1.15	332	iPn	35 09.00		0.4
YLV	1.35	10	iPn	35 12.00		0.0
BNT	1.43	322	iPn	35 13.50		0.5
EDC	1.45	321	ePn	35 13.70		0.4
KGT	1.82	312	ePn	35 19.00		0.3
	S.D. = 0.8		on 7 of 7 obs.			

• MAY 01, 1985 13h 05m 38.24± 0.97s
39.735 N ±11.4km 143.625 E ±15.0km
DEPTH = 33.0km (normal)
4.4mb (5 obs.)
OFF EAST COAST OF HONSHU, JAPAN (229)

MIY	1.28	267	eP	06 02 00		2.1
			eS	06 22.00		
TSK	4.48	219	eP	06 43.60		-2.0
DDR	5.12	225	eP	06 54.40		-0.3
			S	07 51.30		
MAT	5.33	235	iPc	06 59.00		1.4
SRY	5.37	221	eP	06 58.30		0.1
OYM	5.54	220	eP	07 01.10		0.6
BJI	21.04	280	eP	10 19.50		-2.0
PKI	49.18	274	eP	14 23.20		-2.3
	0.6s		3.00nm		4.5mb	
INK	51.20	28	eP	14 40.00		0.0
W82	59.99	190	eP	15 44.30		0.4
WRA	60.00	190	Pc	15 44.30		0.4
	0.6s		1.80nm		4.4mb	
GBA	63.16	266	Pc	16 05.90		0.6
	0.2s		1.90nm		4.9mb	
HFS	72.33	336	eP	17 02.60		0.4
	0.8s		1.80nm		4.1mb	
NB2	72.36	338	P	17 03.00		0.6
	1.0s		3.90nm		4.4mb	
	S.D. = 1.4		on 14 of 14 obs.			

MAY 01, 1985 13h 27m 56.14± 0.11s
9.196 S ± 2.5km 71.230 W ± 2.9km
DEPTH = 599.9km (46 depth phases)
6.0mb (115 obs.)
PERU-BRAZIL BORDER REGION (112)
mb 6.1 (BRK).
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 8 Dip=33 Slip= -68
NP2: 162 60 -104
Principal Axes:
T Plg=14 Azm=262
P 72 40
Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a small strike-slip component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 592 No. of sta: 12
Moment Tensor; Scale 10**25 d-cm
Mrr=-7.60 Mtt=-0.87
Mff= 8.47 Mrt=-1.11
Mrf= 3.33 Mtf=-3.52
Principal axes:
T Val= 10.34 Plg=11 Azm=252
N -2.05 0 342
P -8.29 79 72
Best Double Couple:Mo=9.3*10**25
NP1:Strike=341 Dip=34 Slip= -90
NP2: 162 56 -90
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 39C M.W.: 11S, 24C
Centroid Location:
Origin Time 13:28: 2.3 0.2
Lat 9.12S 0.01 Lon 71.15W 0.02
Dep 615.9 1.2 Half-duration 7.2
Moment Tensor; Scale 10**25 D-CM
Mrr=-7.16 0.08 Mtt= 0.50 0.09
Mff= 6.66 0.10 Mrt=-0.55 0.08
Mrf= 4.33 0.09 Mtf=-1.10 0.11
Principal Axes:
T Val= 8.10 Plg=16 Azm=261
N 0.31 1 351
P -8.41 74 85
Best Double Couple:Mo=8.3*10**25
NP1:Strike=349 Dip=29 Slip= -92
NP2: 172 61 -89

NNA	6.18	243	iPc	29 40.30		0.9
	0.8s		134.33nm		5.0mb	
	Z 16s		1.52um			
			eS	30 48.00		
ARE	7.23	182	iPd	29 49.00		-0.1
LPB	7.91	158	iPd	29 57.40		1.8
			i(S)	31 16.00		
QUR	11.54	321	iPc	30 33.20		2.3
			S	32 42.60		
PSO	11.97	329	iP	30 38.50		3.4X
BOG	14.01	348	iP	30 57.00		2.0
			iS	32 57.00		
YJA	14.02	158	ePd	30 56.00		0.8
FUO	14.78	350	eP	31 06.00		3.6X
BMG	16.26	353	iP	31 31.00		14.4X

SLA	16.39	161	IPc	31	18.90	1.1	GMTN	49.90	357	IP	35	56.00	-1.8					ePP	39	46.50	592km
FSA	17.51	164	IPd	31	28.50	0.3				i	37	06.30		BUT	66.25	330	IPd	37	47.90	0.0	
UAV	17.69	0	ePP	31	32.20	2.0				i	37	46.80		HRY	66.38	331	ePd	37	48.70	0.1	
	0.5s	88.90nm			5.5mb		TBR	50.16	357	P	35	58.30	-1.4	FUL	66.39	48	ePc	37	50.00	1.3	
SDV	17.97	2	IPd	31	34.00	1.1	FVM	50.25	340	IP	35	59.00	-1.4	PCC	66.65	318	ePd	37	50.30	0.1	
	0.4s	55.50nm			5.4mb		RLO	50.38	335	IPd	36	00.20	-1.2	BKS	66.76	318	ePP	37	51.40	0.5	
GUV	18.73	26	IPd	31	46.00	6.2X	TUL	50.49	334	IPd-	36	01.10	-1.1		0.9s	564.00nm				6.1mb	
TOV	18.91	4	IPd	31	42.50	1.0		1.0s	2830.20nm				6.7mb				e	39	10.80		
	0.8s	140.00nm			5.5mb		Z	18s	3.47um				5.4Msz				ePP	39	52.00	599km	
LGN	19.21	360	ePP	31	45.60	1.4	N	18s	1.78um								esP	40	56.00		
UPA	19.86	335	IPd	31	52.50	2.4	E	23s	2.18um								e	41	40.00		
	1.0s	380.00nm			6.0mb					e	40	22.80					eS	45	59.00		
N	19s	1.84um								IS	42	19.50					esS	49	52.00		
		i		35	01.00					eSS	44	47.00					e(SS)	50	40.00		
CAR	20.04	12	IPd	31	53.00	1.1	OCO	50.91	332	IPd	36	04.40	-1.0				e	54	10.00		
	0.4s	305.08nm			6.3mb		UTO	51.86	348	ePc	36	10.30	-1.8				ePP	06	16.00		
GIE	20.76	293	IPc+	31	59.40	1.1	CHI	53.03	345	P	36	18.00	-2.4	BRK	66.78	318	ePd	37	51.50	0.5	
		IS		34	24.20		RSNY	53.57	357	IP	36	23.10	-1.1				ePP	39	51.40	595km	
TCE	21.90	26	P	32	10.50	1.9		0.9s	474.79nm				5.9mb	ORV	67.22	320	IPd	37	54.00	0.3	
TRN	22.00	27	IPd	32	11.20	1.6				ipP	38	17.50	616kmX				ePP	39	54.30	596km	
	1.2s	63.10nm			5.1mb		AAS	53.68	173	eP	36	23.00	-1.7				e	40	57.60		
RTLL	22.17	174	IPd	32	10.20	-0.9		1.0s	4500.00nm				6.8mb				eS	46	03.00		
RTCB	22.29	175	IPd	32	11.30	-0.9				e	38	21.00					ePP	06	09.00		
ZON	22.36	174	eP	32	12.00	-0.8				e(S)	43	13.00					e	08	28.00		
CFA	22.47	173	ePd	32	13.00	-0.8				e	45	07.00		MIN	67.74	320	IPd	37	56.00	-1.0	
RTCV	22.69	174	IPd	32	15.20	-0.5	MIM	54.22	2	IP	36	28.00	-0.7	KIC	66.04	79	IP	37	58.90	-0.2	
TCA	22.88	165	IPc	32	16.00	-1.5				ipP	38	21.80	607km				S	46	10.80		
		S		33	58.00		OTT	54.49	356	IPd	36	29.00	-1.5	WDC	68.46	320	IPd	37	59.40	-1.8	
GRW	23.25	24	P	32	21.50	0.6		1.0s	402.00nm				5.7mb				ePP	39	59.80	593km	
BAO	23.57	108	IP	32	24.40	0.6	MNT	54.49	358	IPd	36	29.40	-1.1				eS	46	12.50		
SVB	24.42	24	P	32	31.00	-0.2		0.4s	850.00nm				6.4mb				ePP	05	56.00		
BIM	25.62	23	ePP	32	39.85	-1.9				pP	37	49.50	385kmX				e	08	32.00		
MVM	25.73	24	eP	32	40.86	-1.8	ALQ	55.11	325	IPd	36	34.00	-1.4	SES	68.69	334	IP	38	02.00	-0.4	
CRM	25.90	23	eP	32	42.23	-1.9		0.8s	169.78nm				5.4mb				pP	40	02.00	590kmX	
MDN	26.23	22	IPd	32	45.12	-1.9				epP	38	29.50	616kmX	FFC	68.72	341	IPd	38	01.20	-1.3	
PAG	26.79	21	eP	32	50.37	-1.6	AIA	56.18	176	eP	36	41.90	-0.1				pP	40	01.00	588kmX	
MGG	26.81	22	eP	32	49.68	-2.4	GLD	58.00	329	IP	36	55.00	0.0	CLX	69.03	330	IPd	38	04.50	-0.2	
VAO	26.99	123	IPd	32	52.60	-1.2		0.8s	1270.59nm				6.2mb				IS	40	06.00		
SFG	27.17	22	eP	32	52.33	-2.8				ipP	38	50.00	597km	RXF	69.48	331	IPd	38	07.50	0.3	
SEG	27.19	21	eP	32	53.18	-2.2	GOL	58.03	329	IP	36	54.50	-0.9				IS	40	09.50		
HOJ	27.57	349	eP	32	59.70	1.0		1.0s	400.00nm				5.6mb	FHC	69.49	320	IPd	38	08.30	0.9	
SJG	27.59	10	IPd	32	58.00	-0.9				ipP	38	50.50	603km				ePP	40	10.00	598km	
GWJ	27.64	349	eP	32	59.47	0.0	STJ	58.86	15	IPd	36	58.80	-1.5	YKM	69.76	330	IPd	38	09.20	0.3	
STH	27.65	348	eP	32	59.99	0.5		1.0s	2009.00nm				6.3mb				IS	40	11.30		
BPA	27.67	20	eP	32	57.32	-2.3	GLA	59.05	318	IP	37	00.50	-1.4	NEW	70.06	329	IPd	38	10.00	-0.5	
MCJ	27.69	347	eP	33	04.12	4.3X				epP	38	59.00	617kmX		1.0s	230.00nm				5.7mb	
ANG	27.78	20	P	32	59.00	-1.5	RMU	59.21	323	IP	37	03.20	0.1				i	40	01.50		
BBJ	28.04	348	eP	33	02.67	-0.2				ipP	39	02.00	619kmX	COR	71.18	323	IPd	38	17.00	0.0	
LPA	28.34	157	PKPc-	33	04.00	-1.2	LHC	59.53	346	IPd	37	03.00	-1.8	EDM	71.73	335	IPd	38	19.40	-0.7	
	1.0s	2240.00nm			6.8mb			0.7s	807.00nm				6.1mb				pP	40	21.00	591km	
SOB1	29.94	92	IPc	33	20.10	0.9	RKT	62.35	249	IP	37	23.80	0.2	PNT	72.00	329	IPd	38	22.30	0.6	
GCM	30.02	341	P	33	19.90	0.2		0.9s	265.00nm				5.6mb				pP	40	26.00	603km	
RDJ	30.09	120	IPd	33	20.40	0.1	BDW	62.43	329	IP	37	23.00	-1.1	FRB	72.76	1	IPd	38	23.80	-1.8	
ITR	32.40	92	IPc	33	40.40	0.5		1.0s	228.00nm				5.5mb				pP	40	27.00	597km	
COM	32.67	321	IPc	33	50.50	8.3X				ipP	39	22.00	605km	PGC	73.60	327	ePd	38	31.20	0.4	
PBJ	34.94	317	IP	34	02.00	1.1	VPEM	62.76	318	P	37	26.10	-0.1		0.9s	722.00nm				6.2mb	
VHO	36.40	316	IPd	34	14.50	1.3	EUR	63.76	323	IP	37	32.50	-0.1	AVE	73.85	51	IPd	38	34.00	1.5	
III	39.08	315	IPd	34	36.00	1.0	SCH	63.88	3	IPd	37	31.00	-1.8				i	40	39.00		
TPM	39.21	316	IPc	34	38.00	2.0		1.3s	753.00nm				6.0mb				i	47	20.50		
IIP	39.36	316	IPc	34	39.50	2.1				pP	39	31.00	606km	SNA	74.35	161	IPd	38	34.00	-0.6	
TAC	39.58	316	IP	34	39.00	-0.2	MNA	64.45	321	IPd	37	36.80	-0.1		0.8s	316.42nm				5.9mb	
IIC	39.88	316	IPc	34	43.00	1.4				epP	39	36.00	598km	RUV	74.37	257	IP	38	36.70	1.1	
HBF	42.79	349	P	35	03.90	-0.1				e	08	34.00			1.1s	480.00nm				5.9mb	
SGS	43.07	349	P	35	06.20	0.0	PRI	64.75	317	ePd	37	38.70	-0.1	VAH	74.60	257	IP	38	38.00	1.1	
COW	43.29	348	P	35	07.30	-0.6				epP	39	37.80	596km		1.1s	400.00nm				5.9mb	
JSC	44.27	348	P	35	15.10	-0.4	BMN	65.10	323	IP	37	40.00	-0.9	TPT	74.61	257	IP	38	38.10	1.1	
PRM	44.32	347	IP	35	15.80	-0.1		0.8s	110.29nm				5.3mb		1.1s	800.00nm				6.2mb	
GFM	46.15	348	P	35	29.50	-0.6				ipP	39	41.00	608km	MTH	74.81	46	IPd	38	38.50	0.8	
RSCP	46.57	344	IP	35	32.10	-1.0	LLA	65.21	317	IPd	37	41.40	0.0	PMO	74.88	257	IP	38	39.60	1.1	
BLA	46.96	350	IPd-	35	36.10	0.0				epP	39	40.90	597km		1.1s	560.00nm				6.0mb	
	0.7s	863.01nm			6.4mb		PRS	65.33	317	IPd	37	42.50	0.3	FAR	74.91	48	P	38	40.00	1.8	
		PcP		36	56.20					epP	39	42.10	598km	TBI	75.66	248	IP	38	45.30	2.6	
		pP		37	22.40	588kmX	JAS1	65.60	319	IPd	37	43.70	-0.1		0.8s	90.00nm				5.4mb	
		sP		38	25.60					epP	39	43.30	597km	TVO	75.91	254	IP	38	45.50	1.3	
		ScP		39	52.10					eS	45	44.60			1.1s	70.00nm				5.1mb	
		S		41	42.70					eP'P'	06	02.00		SFS	75.99	49	IPc	38	46.00	1.8	
		ScS		44	18.80					e	08	33.00					iPP	41	54.00		
		sS		44	49.60		SAO	65.62	317	eP	37	43.80	-0.2				IS	47	46.00		
JCT	48.05	326	IPd	35	43.50	-0.9				epP	39	46.00	615kmX				i	51	25.00		
	1.0s	260.00nm			5.7mb		SXM	65.68	331	ePd	37	44.60	0.2	PPN	76.11	254	IP	38	46.10	0.9	
		epP		37	28.00	568kmX	ARN	66.01	318	P	37	47.00	0.6		1.1s	155.00nm				5.4mb	
BHO	48.79	334	IPd	35	50.00	0.2	LRM	66.06	330	IPd	37	46.50	-0.3	PTO	76.18	44	IPd	38	45.50	0.3	
POW	48.86	338	P	35	48.20	-2.1				e	38	07.20					iPP	40	50.00		
PRIN	49.42	356	P	35	53.40	-0.8				e	39	46.50					iS	47	51.00		
LTX	49.44	322	IP	35	54.00	-0.7	MHC	66.07	318	ePd	37	47.40	0.5	PAE	76.23	254	IP	38	47.10	1.2	
	0.9s	145.30nm			5.5mb					epP	39	47.90	601km		1.1s	220.00nm				5.6mb	
		epP		37	46.00	622kmX	GCC	66.14	317	ePd	37	47.30	0.2	PPT	76.24	254	IP	38	47.30	1.3	

01d 13h

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       1.1s   200.00nm          5.5mb
PRL    76.28  46 iPd   38 46.80   0.9
AFR    76.43 254 iP    38 48.70   1.7
       1.1s   370.00nm          5.8mb
MTE    76.61  45 iPd   38 48.00   0.4
PHC    76.90 327 iPd   38 49.20   0.4
       0.9s   529.00nm          6.0mb
                 pP    40 55.50 605km
STS    76.97  42 iPnd  38 50.00   0.6
                 iSn   40 57.00
CRT    78.20  49 iPd   38 58.30   2.1
AFC    78.26  49 iP    38 57.90   1.3
                 e     41 05.00
TAF    78.27  52 iPd   38 58.00   1.4
                 i     39 52.00
                 i     40 22.00
                 i     41 07.00
YKC    78.84 341 iPd   38 58.70  -0.2
       0.4s   136.00nm          5.7mb
                 pP    41 05.00 600km
TOL    78.86  46 iPd   39 01.00   1.5
       1.2s    65.00nm          4.9mb X
                 i     39 18.50
                 i     40 20.50
                 ePP   41 54.00
                 iS    48 12.00
                 isS   51 56.00
YKA    78.90 341 eP    38 59.10  -0.1
GDH    79.23   6 iPd   38 59.60  -1.1
       1.0s   280.00nm          5.6mb
                 i     42 10.00
                 iS    48 07.00
SPA    80.87 180 iPd   39 09.90   0.3
       1.0s   430.00nm          5.9mb
                 e     40 31.20
                 i     41 19.00
                 e     48 29.50
LGR    80.89  44 iPd   39 12.00   2.0
                 i(pP) 41 18.00 594km
                 ePP   42 27.00
                 ePPP  44 24.00
                 iS    48 32.00
ALI    80.91  49 iP+   39 10.00  -0.1
                 eS    42 12.00
REY    81.98  20 iPd   39 16.40   1.5
                 i     41 24.40
ECB    82.20  34 iPd   39 16.20  -0.1
       1.1s  1640.00nm          6.5mb
ISSF   82.27  44 Pd    39 18.00   1.0
ECP    82.35  34 iPd   39 17.00   0.0
       0.9s  1190.00nm          6.4mb
LHE    82.35  44 Pd    39 18.30   0.9
ATE    82.35  44 Pd    39 18.00   0.7
DCN    82.36  33 iPd   39 16.90  -0.2
       1.1s   380.00nm          5.8mb
EBR    82.44  47 eP    39 18.00   0.3
                 e     41 27.00
                 e     42 28.00
                 eS    48 42.00
ESCF   82.44  44 Pd    39 18.50   0.7
OGE    82.54  44 Pd    39 19.00   0.8
JAU    82.57  44 Pd    39 19.90   1.3
DLE    82.73  33 eP    39 18.70  -0.2
       1.4s   760.00nm          6.0mb
DMU    82.81  33 iPd   39 19.30   0.0
       1.3s   500.00nm          5.9mb
EPF    83.05  44 iPd   39 21.60   0.7
       0.6s   136.60nm          5.7mb
                 pP    40 41.40 343kmX
LPF    83.86  39 iPd   39 24.70   0.0
                 pP    40 43.90 340kmX
MFF    83.93  41 iPd   39 25.30   0.2
LFF    83.95  43 iPd   39 25.40   0.2
       0.7s   334.10nm          6.1mb
GRR    84.10  39 iPd   39 26.00   0.2
SIT    84.10 330 iPd   39 26.20   0.6
LPO    84.17  43 iPd   39 26.40   0.1
       0.5s   130.90nm          5.8mb
AKU    84.21  19 iPd   39 27.60   1.6
       1.0s   196.00nm          5.7mb
                 i     41 36.40
FLN    84.47  39 iPd   39 27.70   0.1
       0.6s   498.80nm          6.3mb
                 pP    40 47.50 342kmX
RJF    84.60  43 iPd   39 28.10  -0.2
       1.1s   255.60nm          5.8mb
LDF    84.63  39 iPd   39 28.60   0.2

CAF    84.84  43 iPd   39 29.50  -0.1
       0.5s   159.40nm          5.9mb
                 pP    40 49.20 341kmX
LSF    84.91  42 iPd   39 29.60  -0.2
       0.7s   137.80nm          5.7mb
                 pP    40 49.70 343kmX
WIN    85.00 112 iPd   39 23.70  -7.3X
       1.3s   275.00nm          5.7mb
                 i     41 33.50
TCF    85.37  42 iPd   39 31.70  -0.4
       0.6s   129.60nm          5.8mb
EKA    85.39  32 Pd    39 31.40  -0.5
       1.3s   177.90nm          5.6mb
MZF    85.59  42 iPd   39 32.90  -0.2
       0.7s   158.40nm          5.8mb
PYM    85.73  43 iPd   39 34.10   0.2
BGF    85.87  42 iPd   39 34.30  -0.1
       0.5s   284.70nm          6.2mb
PLDF   86.21  42 iPd   39 36.30   0.1
GRC    86.24  41 iPd   39 35.30  -0.9
                 i     41 45.40
AVF    86.27  42 iPd   39 35.80  -0.5
       0.6s   119.70nm          5.8mb
                 pP    40 55.60 341kmX
SSF    86.45  41 iPd   39 36.50  -0.7
       1.1s   255.60nm          5.9mb
SMF    86.55  42 iPd   39 37.30  -0.4
       0.7s   232.50nm          6.0mb
LBF    86.74  42 iPd   39 37.70  -0.9
       1.2s   162.70nm          5.6mb
LOR    86.75  41 iPd   39 37.90  -0.7
       0.5s   116.10nm          5.9mb
                 pP    40 57.90 341kmX
PNL    87.16 332 iPd   39 40.90   0.6
LRG    87.38  45 iPd   39 42.00   0.4
LMR    87.45  46 iPd   39 42.00   0.0
SBA    87.46 190 iPd   39 42.10   0.6
       1.0s   361.00nm          6.1mb
FRF    87.61  45 iPd   39 42.80   0.1
                 pP    41 03.80 345kmX
FOUF   87.95  44 P     39 45.20   1.0
DOU    88.04  39 Pd-   39 44.60   0.1
       1.0s  1225.00nm          6.7mb
                 e     41 04.50
                 pP    41 55.00 605km
                 e     46 15.00
                 SKS   49 18.20
                 e     49 36.50
                 e     50 47.00
                 e     53 24.00
UCC    88.10  38 Pd-   39 45.00   0.2
                 pP    41 54.00 597km
                 e     46 18.00
                 SKS   49 15.00
                 e     49 38.00
                 e     50 47.00
                 e     53 29.00
EMS    88.45  43 eP    39 47.00   0.2
HAU    88.57  41 iPd   39 46.70  -0.4
       1.2s   172.50nm          5.8mb
INK    88.65 341 iPd   39 47.20   0.2
       0.6s   460.00nm          6.5mb
                 pP    41 55.00 589kmX
DIX    88.78  43 eP    39 48.80   0.4
BSF    88.81  41 iPd   39 47.80  -0.5
       0.7s   172.20nm          6.1mb
WLF    88.88  39 iPd   39 48.50   0.1
                 e     41 08.80
                 pP    41 59.60 608km
                 e     46 26.00
                 SKS   49 22.00
                 e     49 43.50
                 e     50 57.00
                 e     53 41.00
CVF    88.95  47 eP    39 49.30   0.4
DBN    88.96  37 iP-   39 49.00   0.3
                 epP   41 59.00 601km
                 e     46 20.00
                 eS    49 48.00
                 esS   53 38.00
ENN    89.04  38 iPd   39 49.30   0.2
       1.0s   335.00nm          6.2mb
                 epP   42 00.00 605km
MEM    89.05  38 iPd   39 49.20   0.1
                 i     39 56.00
                 e     41 09.20
                 pP    42 01.00 612kmX

                 i     42 14.60
                 e     49 47.00
MMK    89.14  43 eP    39 50.70   0.6
ECH    89.15  41 iPd   39 49.60  -0.1
CDF    89.27  41 iPd   39 50.20  -0.2
       0.6s   105.60nm          5.9mb
                 pP    41 10.00 338kmX
ZUL    89.77  42 eP    39 52.50  -0.2
MBC    89.80 350 iPd   39 52.80   0.7
       0.5s   234.00nm          6.4mb
                 pP    40 05.00  40kmX
BNS    89.86  38 iPd   39 53.40   0.5
       1.3s   200.00nm          5.9mb
WTS    89.90  37 iPd   39 53.20   0.2
       1.0s   355.00nm          6.3mb
                 epP   42 04.00 605km
SLE    89.91  42 eP    39 53.00  -0.2
BUH    89.95  41 eP    39 52.80  -0.7
LLS    90.03  43 eP    39 54.30   0.2
WIT    90.03  36 iPd   39 54.90   1.3
                 epP   42 06.00 606km
VDL    90.26  43 eP    39 55.20   0.1
SAX    90.35  42 eP    39 55.90   0.3
TNS    90.46  39 iPd   39 55.70  -0.1
                 e     42 07.20
STU    90.60  41 iPd-  39 56.00  -0.4
       1.5s   555.56nm          6.3mb
OSS    90.76  43 ePd   39 57.40   0.0
SAL    90.78  44 eP    39 57.00  -0.2
DAG    90.91  11 iPc   39 56.60  -0.7
       0.8s   261.19nm          6.3mb
                 i     42 06.00
                 iS    50 01.00
KMY    91.00  30 iP+   39 59.50   1.6
SUE    91.29  28 eP    40 01.30   2.1
BER    91.36  29 iPd   40 00.20   0.6
OGA    91.39  43 iPd   40 00.20  -0.1
       1.0s   181.00nm          6.1mb
                 i     42 10.60
GRM    91.46 124 iPc   40 00.00  -0.8
       0.9s   294.12nm          6.3mb
     Z  18s     2.16um          5.6Msz
                 S     42 10.50
CTI    91.64  44 iPd   40 01.00  -0.4
ALE    91.66   1 iPd   40 00.00  -0.6
       0.6s    67.00nm          5.8mb
                 pP    42 09.00 592km
MNS    91.86  47 iPd   40 01.50   0.1
FUR    91.82  42 iPd   40 02.20   0.2
       1.3s   376.00nm          6.3mb
ODD    91.89  29 iP    40 04.50   2.4
HYA    91.98  28 iP+   40 03.50   1.1
BLF    91.99 120 iPc   40 03.00  -0.5
       0.9s   223.08nm          6.2mb
                 S     42 12.60
GRF    92.09  40 iPd   40 03.70   0.5
       1.4s   214.00nm          6.0mb
                 epP   42 14.80 604km
                 esP   54 07.00
                 ePKKP 57 18.00
                 eP'P' 05 21.80
                 e     07 44.50
AQU    92.18  48 iP    40 04.50   0.6
PME    92.28 332 ePd   40 03.20  -0.6
                 epP   42 12.80 595km
                 eSKS  49 41.10
PMR    92.32 332 P     40 03.20  -0.8
       0.8s    43.10nm          5.5mb
                 pP    42 12.00 591km
MUD    92.33  33 iPd   40 05.00   0.9
       1.1s   381.00nm          6.3mb
                 i     42 17.00
MOX    92.53  39 iPd-  40 05.50   0.3
       1.6s   222.00nm          5.9mb
                 ipP   42 16.00 601km
                 esP   43 15.00
                 ePP   43 58.00
                 esPP  46 52.00
                 iSKS  49 45.00
                 eS    50 20.00
                 iSP   51 35.00
                 ePS   53 00.00
                 esS   53 48.00
                 esSP  55 12.00
COL    92.62 335 iPd   40 04.80  -0.5
       0.8s   280.22nm          6.3mb
     Z  23s     2.27um          5.6MszX
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			e	42	14.00				1.0s	170.00nm		6.2mb				eSP	52	52.00				
			IS	49	40.00			Z	18s	3.09um		5.8Msz				ePS	54	24.00				
FBA	92.62	335	iPd	40	05.00	-0.3	BRT		94.76	50	eP	40	15.50	-0.1				esS	55	20.00			
	1.0s	185.00nm			6.1mb		EVA		95.04	118	iPd	40	17.00	-0.4	CMP	100.87	46	ePdiff40	42.00	-1.0	
HOF	92.63	40	eP	40	05.80	0.1			0.9s	126.05nm		6.1mb			PVL	100.88	48	iPdiff40	44.00	0.9	
VIR	92.78	119	iPd	40	06.30	-0.8					i	42	29.50		KDZ	100.95	49	iPdiff40	43.00	-0.4	
	1.0s	200.00nm			6.1mb		VKA		95.16	42	iPd	40	17.40	0.2	KEV	101.42	21	iPdiff40	45.00	0.1	
			i	42	17.20				3.0s	1007.00nm		6.5mb				0.8s	26.40nm			5.8mb	
BHG	92.79	42	iPd	40	06.60	0.1					id	40	18.80					epP	42	55.00		
	1.4s	369.00nm			6.2mb						ePP	42	27.00					ePP	44	56.00		
DUI	92.84	48	iPd	40	07.50	0.7	SOP		95.24	43	iPd	40	17.50	-0.1				e	45	28.00		
BFS	92.95	118	iPd	40	07.00	-0.9	LCI		95.26	50	eP	40	19.00	1.2				esPP	47	56.00		
	0.8s	443.28nm			6.5mb		IMA		95.28	336	iPd	40	17.20	-0.4				eSKS	50	25.00		
			i	42	18.80						ipP	42	26.70	594km				eSP	53	08.00		
KBA	92.99	43	iPd	40	07.30	-0.3					eSKS	49	57.20					ePS	54	24.00		
	0.7s	84.10nm			5.9mb		HFS		95.38	30	eP	40	17.60	-0.3				ePKKP	56	50.00		
			id	40	08.10				0.8s	50.70nm		5.8mb						esPS	56	56.00		
			i	40	14.40		KSP		95.49	40	iPd	40	19.20	0.5	TET	101.46	109	iPdiff40	47.00	0.8	
			ipP	41	02.70	226kmX			1.1s	167.00nm		6.2mb						epP	43	01.00		
			isP	41	26.90						iPP	42	30.00					ePP	45	01.00		
			i	42	11.80						eS	49	58.50		SOD	101.46	23	iPdiff40	44.60	-0.5	
			iPP	42	18.50		ZST		95.67	42	iPd	40	14.40	-5.1X				epP	42	56.00		
TRI	93.03	44	iPd	40	07.50	-0.1					i	40	40.50					ePKKP	56	08.00		
			ipP	42	18.80	605km					i	41	38.00					e	57	13.00		
			i	43	16.00						i	42	36.00		SUF	101.50	28	iPdiff40	45.20	-0.1	
			ISKS	49	44.00						e	44	18.00			0.6s	3.40nm			5.1mb	
			iS	50	20.00		TTA		95.74	333	P	40	18.00	-1.7	MLR	101.51	45	ePdiff40	45.30	-0.7	
			iSP	51	37.00				0.8s	25.86nm		5.5mb			BUC	101.59	47	ePdiff40	46.00	-0.2	
			isS	54	16.00		BUL		95.98	111	iPd	40	20.70	-1.0	VRI	102.07	45	ePdiff40	51.00	2.7X	
			isSP	55	21.00						ipP	42	32.70	608km	KJF	102.12	26	iPdiff40	49.00	0.9	
			iSS	56	40.00						iPP	44	20.00			1.0s	52.00nm			6.0mb	
			isSS	59	48.00						iSKS	50	03.40					ipP	43	00.70		
			ISSS	00	50.00						iS	50	48.20					esP	43	58.00		
			isSSS	04	05.00						iPKKP	57	07.10					ePP	45	00.00		
WET	93.05	41	iPd	40	07.90	0.2	SRO		96.43	43	iP	40	23.50	0.6				esPP	48	00.00		
	1.5s	331.00nm			6.2mb						I	42	34.00					iSKS	50	27.80		
			e	42	18.50						e	44	25.00					eS	51	08.00		
			eS	49	44.00		TTG		96.49	48	iP	40	24.00	0.7				eSP	53	12.00		
KDC	93.07	328	iPd	40	06.90	-0.6					e	42	35.00					ePS	54	36.00		
			ipP	42	47.60	785kmX					e	46	45.00					ePKKP	56	48.00		
VOY	93.18	44	iPd	40	08.60	0.2	MAW		96.70	164	iPd	40	23.40	-0.5	RTB	112.98	58	ePKPc	45	28.00	0.0	
			e(pP)	42	18.90	599km	BUD		96.87	43	iPd	40	25.00	0.1				e	46	28.00		
KONO	93.26	30	iP	40	09.40	1.1			1.1s	82.60nm		6.0mb						e	48	30.00		
KSR	93.26	117	iPd	40	08.70	-0.7	VLS		97.03	53	eP	40	26.30	0.4				e	49	28.00		
	0.9s	214.62nm			6.2mb		UPP		97.30	31	IP	40	26.50	-0.1				e	51	30.50		
			i	42	19.40						I	42	38.10					e	55	19.50		
SGO	93.29	50	iPd	40	09.00	0.1	OHR		97.49	50	eP	40	28.00	0.0				e	56	17.00		
CEY	93.49	44	ePd	40	09.90	0.1					e(S)	50	05.00		AVY	113.67	115	ePKP	45	29.70	-0.2	
			e(pP)	42	20.60	601km	KRI		97.60	108	iPd	40	28.00	-1.1	MSL	115.00	54	ePKPc	45	31.50	-0.2	
KHC	93.50	41	iPd	40	09.90	0.1					ipP	42	41.00	616kmX				e	46	39.50		
	1.1s	146.50nm			6.0mb						iPP	44	31.00					e	49	39.00		
Z	14s	0.80um			5.3MszX		KBS		97.64	11	iPd	40	28.00	0.1				e	55	31.00		
N	14s	0.60um					KRA		97.72	41	iPd	40	29.70	0.9	NOU	115.40	240	iPKPd	45	32.90	0.0	
E	14s	0.60um							1.2s	157.00nm		6.2mb			BHD	116.38	57	ePKPc	45	34.50	0.1	
			e	42	20.40						e	40	44.70					e	46	50.50		
			e	49	46.00						e	42	41.00					e	59	40.00		
CLL	93.52	39	iPd	40	10.20	0.5					e	47	33.00		WAM	121.16	218	iPKPd	45	42.80	-0.6	
	1.6s	160.00nm			5.9mb						e	52	19.00					ePP	48	00.20		
			ipP	42	20.30	598km	JOS		97.98	42	iPd	40	31.00	1.0	IR2	121.31	54	iPKPd	45	44.00	0.1	
			SKS	49	47.00				1.4s	128.30nm		6.1mb			CAN	121.67	218	iPKPd	45	43.80	-0.7	
			eS	50	22.00		SKO		98.05	49	iPd	40	30.60	0.1				e	47	04.10		
LJU	93.62	44	iPd	40	10.40	0.1		Z	19s	2.00um		5.6Msz						ePP	48	03.00		
	1.0s	460.00nm			6.6mb			E	23s	4.05um					TOO	122.17	214	iPKPd	45	44.60	-0.8	
			e(pP)	42	20.80	600km					I	51	07.00		YOU	122.74	219	iPKP	45	45.70	-0.9	
KMR	93.68	42	iP-	40	11.00	0.4					i	52	22.50		COO	122.76	225	ePKP	45	45.00	-1.8	
			i	42	21.30		KZN		98.15	50	iPd	40	31.20	0.1	SHI	123.76	61	ePKP	45	38.00	-10.9X	
			i	45	55.90		WAR		98.57	38	eP	40	32.00	-0.5	BFD	124.06	212	iPKPd	45	48.20	-0.8	
			i	49	00.40						e	42	45.00		HNR	125.79	251	e(PKP)	45	51.00	-2.0X	
			i	51	46.00						e	47	36.00		CMS	126.20	220	iPKPd	45	52.50	-0.9	
BRN	93.83	38	iPd	40	12.20	1.1					e	50	13.00		RMO	127.41	226	ePKP	45	55.00	-0.8	
			epP	42	22.50	599km	VAY		98.84	50	IP	40	34.40	0.4	ADE	127.74	211	iPKPc	45	55.00	-1.3	
COP	93.96	34	iPd	40	12.40	0.8	CLO		99.28	46	iPd	40	36.00	0.1		0.9s	82.35nm					
	1.0s	240.00nm			6.4mb		VTS		99.40	48	iPd	40	37.00	0.6	MHI	127.87	51	iPKPd	45	56.50	-0.1	
			i	42	24.00		MTD		99.45	109	iPd	40	38.00	0.7		1.0s	100.00nm					
			IS	49	50.00						ipP	42	49.00	603km				e	48	17.00		
ORI	94.07	50	eP	40	11.50	-1.0					iPP	44	45.00		STK	128.49	216	iPKPd	45	56.90	-0.8	
BPI	94.19	117	iPd	40	08.80	-4.9X					iPKKP	56	59.00		CTA	133.01	231	iPKPd	46	05.60	-1.0	
	1.0s	290.00nm			6.5mb		ATH		99.47	53	iPd	40	38.00	1.1		1.2s	256.25nm					
PRU	94.26	40	iPd	40	13.50	0.4	MMB		99.73	49	iPd	40	38.00	0.0				i	48	26.00		
	1.3s	122.70nm			6.0mb		NUR		100.84	30	iPdiff40		42.60	0.2				i	48	36.60		
			pP	42	24.80	604km			0.6s	27.40nm		5.9mb						i	49	37.00		
			PP	44	10.00						ipP	42	54.20					i	51	52.00		
			SKS	49	50.00						esP	43	52.00					i	54	28.00		
			S	50	36.00						ePP	45	08.00		RAB	134.74	255	ePKP	45	56.00	-14.1X	
NB2	94.33	29	P	40	13.60	0.3					esPP	47	52.00		QUE	135.77	56	e(PKP)	46	00.00	-11.9X	
	1.1s	132.10nm			6.1mb						iSKS	50	20.00		QUE	135.77	56	ePKP	46	12.00	0.1	
SLR	94.51	117	iPc	40	13.60	-1.4					e	50	56.00					eS	52	05.00		

01d 13h

RKG	136.27	190	ePKP	45	58.00	-14.4X
LMG	136.86	246	ePKP	46	00.50	-13.8X
NWAO	137.34	191	iPKPc	46	02.40	-12.1X
PMG	137.55	245	ePKP	46	05.00	-10.3X
ISQ	137.58	225	ePKP	46	04.00	-11.3X
KLG	138.43	197	ePKP	46	06.00	-10.5X
MUN	138.45	190	ePKP	46	05.00	-11.5X
KLB	138.54	192	ePKP	46	05.00	-11.7X
ASPA	139.13	217	ePKP	46	07.00	-11.0X
	0.8s	204.00nm				
BAL	139.70	191	ePKP	46	11.00	-7.8X
MOM	139.92	256	ePKP	46	15.00	-4.6X
TSK	140.84	318	ePKP	46	18.60	-2.1X
WBN	140.84	206	iPKPd	46	13.10	-7.9X
	0.4s	35.00nm				
MRWA	141.18	190	ePKP	46	14.00	-7.5X
KYS	141.39	317	ePKP	46	16.90	-4.8X
DDR	141.56	319	ePKP	46	17.40	-4.6X
WRA	141.63	221	PKPd	46	16.50	-6.0X
	0.4s	32.20nm				
SRY	141.74	318	ePKP	46	18.60	-3.7X
MAT	141.87	320	iPKPd	46	16.80	-5.7X
OYM	141.87	318	ePKP	46	16.70	-5.8X
MEK	143.16	195	iPKPd	46	21.70	-3.3X
	0.4s	170.00nm				
AJM	143.27	58	iPKP	46	25.00	-0.1
BOM	143.88	71	ePKP	46	26.00	-0.3
GUA	144.33	280	ePKPd-	46	25.40	-1.8
GUMO	144.37	280	ePKP	46	25.70	-1.5
			pP	48	44.50	
PJG	144.37	280	ePKP	46	25.40	-1.8
DDI	144.46	49	ePKP	46	28.00	0.9
NDI	144.59	53	iPKP	46	27.20	-0.1
			ePP	49	38.00	
POO	144.91	71	iPKP	46	30.00	1.8
JAY	146.12	251	ePKPc	46	30.50	0.2
			eS	48	48.50	
SHK	146.59	323	iPKPd	46	30.40	0.0
			eS	48	48.20	
SEO	147.32	333	ePKP	46	30.50	-0.9
	1.0s	672.00nm				
			eS	48	49.00	
NAU	147.78	192	iPKPd	46	32.40	-0.2
MBL	147.94	200	iPKPd	46	32.00	-0.9
KNA	148.27	219	iPKPd	46	33.00	-0.5
TRD	148.55	89	iPKP	46	42.00	8.0X
BJI	148.58	349	PKPd-	46	33.00	-0.3
			e	46	40.00	
			epPKP	48	41.00	
			ePP	50	08.00	
			PKS	50	10.00	
			eSKKS	55	59.00	
			eSS	08	20.00	
MTN	148.81	226	iPKPd	46	33.90	-0.5
GBA	148.99	19	PKPd	46	34.40	-0.2
	1.1s	386.40nm				
KOD	149.13	85	iPKPd	46	35.80	0.5
			ePP	48	55.00	
HYB	149.52	71	iPKPd	46	35.00	-0.4
	0.7s	685.70nm				
DMN	151.12	48	iPKPd	46	37.90	0.0
KKN	151.15	47	iPKPd	46	37.80	-0.1
PKI	151.37	47	iPKPd	46	38.00	-0.4
LZH	152.86	9	PKPd	46	41.00	1.0
	6.0s	3087.00nm				
	N 30s	1.30um				
	E 28s	1.50um				
			e	47	03.00	
			sPKP	48	58.50	
			PP	50	37.00	
			eSKKS	56	25.00	
			SS	09	35.00	
SSE	155.33	334	iPKPc-	46	42.80	-0.4
	8.0s	2.70nm				
			e	46	53.00	
			sP	47	12.00	
			S	56	36.00	
TURI	156.09	45	iPKP	46	43.00	-1.4
AAI	156.79	237	ePKPd	46	47.60	2.0
	1.0s	277.30nm				
SHL	157.14	42	iPKP	46	44.00	-2.0X
ANP	160.00	324	ePKP	46	50.00	1.0
MKS	162.15	217	ePKPd	46	51.00	-0.3
TRT	162.78	193	iPKPd	46	52.90	1.0
KMI	163.15	19	PKPd-	46	52.50	0.2
	6.0s	3.30nm				
			e	47	45.50	

			sPKP	49	15.50	
			PP	51	30.00	
DAV	163.23	264	ePKP	46	37.00	-15.4X
HKC	165.97	339	iPKP	46	55.00	0.5
			iPP	51	46.00	
BAG	166.44	303	ePKP	46	54.50	-0.7
	1.7s	461.54nm				
CHG	166.51	44	iPKPd	46	55.00	-0.1
	1.2s	179.69nm				
			eS	51	52.00	
CHTO	166.51	44	iPKPd	46	55.10	0.1
	1.7s	317.84nm				
			pP	48	01.00	
MAN	166.79	295	ePKP	46	57.00	1.7
PSI	168.27	123	iPKPd	46	55.80	-0.6
	1.0s	319.10nm				
KHT	168.60	60	iPKPd	46	56.30	-0.2
			i	48	10.80	
			e	49	18.40	
			e	50	23.40	
NST	169.39	52	ePKP	46	56.70	-0.2
NNT	170.51	68	ePKPd	46	56.90	-0.7
			i	48	19.80	
			e	50	31.80	
KLM	170.68	130	ePKP	46	56.30	-1.4
			e	48	20.20	
SNG	171.68	103	iPKPd	46	57.00	-1.1
	1.2s	218.75nm				
			i	48	24.50	

S.D. = 0.9 on 376 of 414 obs.

* MAY 01, 1985 13h 33m 32.98± 1.13s
39.296 N ±10.3km 23.034 E ±14.3km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.2 (ATH).

KZN	1.40	316	ePn	33	57.90	-0.7
			eSg	34	19.10	
ATH	1.43	158	ePg	33	58.60	-0.3
			eSn	34	17.50	
VAY	2.05	350	iPn	34	07.60	-0.3
VLS	2.21	240	ePg	34	13.00	2.7X
MMB	2.35	13	iPc	34	12.00	-0.3
OHR	2.49	317	ePn	34	16.10	1.8
PRK	2.51	90	ePg	34	19.00	4.5X
KDZ	2.93	36	iP	34	22.00	1.5
SKO	2.94	336	ePn	34	26.00	5.5X
PLD	3.08	24	eP	34	33.00	10.5X
VTS	3.30	2	eP	34	24.00	-1.7
DIM	3.36	34	eP	34	42.00	15.4X

S.D. = 1.5 on 7 of 12 obs.

* MAY 01, 1985 13h 50m 55.24± 0.79s
4.923 S ±11.8km 139.330 E ±10.2km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
WEST IRIAN (201)

MDG	6.43	93	eP	52	30.50	0.3
PMG	8.95	120	eP	53	09.00	3.7X
LMG	9.61	115	eP	53	16.00	1.5X
MTN	11.29	225	eP	53	38.00	0.6
			eS	55	42.00	
KNA	14.95	223	eP	54	26.00	0.1
			eS	57	06.00	
WB2	15.70	198	eP	54	36.10	0.4
			i	54	43.60	
			eS	57	30.30	
WRA	15.70	198	Pc	54	34.70	-1.0
	0.7s	15.30nm			4.3mb	
CTA	16.51	157	iPc	54	53.60	7.5X
	1.0s	20.00nm			4.2mb	
HNR	20.94	104	eP	55	33.00	-4.8X
WBN	24.37	209	iPd	56	15.80	4.1X
	0.5s	23.00nm			5.0mb	
MRWA	32.74	220	eP	57	30.00	2.7X
GBA	64.12	288	Pc	01	29.10	0.1
	0.6s	8.80nm			5.0mb	
COL	87.25	24	eP	03	39.00	-0.4

S.D. = 0.7 on 7 of 13 obs.

MAY 01, 1985 14h 11m 15.31± 0.21s
9.027 S ± 4.9km 71.231 W ± 4.8km
DEPTH = 616.4km (2 depth phases)
4.5mb (29 obs.)
PERU-BRAZIL BORDER REGION (112)

ARE	7.39	182	iP	13	10.00	-0.4
LPB	8.06	158	iPd	13	17.60	0.9
			iS	14	55.00	
BOG	13.85	348	eP	13	51.00	-21.4X
YJA	14.18	158	ePd	14	15.80	0.1
SDV	17.80	2	eP	14	50.50	0.5
TOV	18.74	4	eP	15	00.50	1.9
CAR	19.87	13	iPc	15	10.00	1.0
	0.8s	77.61nm			5.3mb	
BAO	23.62	108	iP	15	42.20	-0.6
VAO	27.08	124	iPd	16	11.10	-1.9
ITR	32.41	92	iPd	16	58.40	0.1
	0.8s	48.50nm			5.2mb	
			e	17	00.50	
			e	17	07.20	
PRM	44.16	347	P	18	32.50	-0.3
NA2	47.30	353	P	18	56.00	-0.7
JCT	47.91	326	iP	19	01.40	-0.1
	0.8s	9.33nm			4.3mb	
			ipP	20	17.00	373kmX
BHO	48.64	334	eP	19	06.50	-0.3
LTX	49.31	322	P	19	11.20	-0.7
ALQ	54.97	325	eP	19	51.00	-1.5
	0.9s	10.92nm			4.2mb	
GLA	58.92	317	P	20	19.00	-0.1
MSU	60.75	324	P	20	30.80	-0.5
SDW	61.35	318	P	20	35.00	-0.1
DAU	61.52	326	P	20	36.30	0.0
BDW	62.29	329	P	20	40.30	-0.8
	0.8s	9.12nm			4.2mb	
			pP	21	12.70	134kmX
WKTM	62.95	318	P	20	45.50	0.2
EUR	63.62	323	iP	20	49.80	0.1
	0.5s	5.32nm			4.2mb	
SCH	63.71	3	eP	20	48.00	-1.7
MNA	64.32	320	ePc	20	54.30	0.3
PRI	64.63	317	eP	20	56.50	0.6
BMN	64.97	323	P	20	57.70	-0.3
LLA	65.08	317	ePc	20	58.60	0.0
PRS	65.21	317	eP	20	59.20	-0.2
JAS1	65.47	319	eP	21	01.50	0.5
SLD	65.52	318	P	21	01.80	0.5
ARN	65.88	318	P	21	03.70	0.2
LRM	65.91	330	eP	21	03.20	-0.6
MHC	65.95	318	ePc	21	04.50	0.4
GCC	66.01	317	eP	21	04.50	0.2
BKS	66.64	318	eP	21	09.00	0.9
	1.0s	74.00nm			5.1mb	
BRK	66.65	318	eP	21	08.70	0.6
ORV	67.09	320	iPc	21	11.30	0.5
MIN	67.61	320	e(P)	21	13.00	-1.2
KIC	68.01	79	iP	21	16.50	-0.3
WDC	68.33	320	ePc	21	16.50	-1.8
FFC	68.56	341	iPd	21	18.70	-0.7
	0.8s	7.00nm			4.2mb	
FHC	69.37	320	eP	21	25.40	0.9
EDM	71.58	335	iPc	21	36.40	-0.7
	0.7s	36.00nm			5.0mb	
PNT	71.85	329	eP	21	39.00	0.2
	0.6s	14.00nm			4.7mb	
YKC	78.68	341	eP	22	16.00	0.1
	0.3s	5.00nm			4.5mb	
YKA	78.74	341	eP	22	16.70	0.5
SPA	81.03	180	e(P)	22	28.90	0.6
	0.9s	46.36nm			5.0mb	
			e	24	21.40	
EPF	82.93	45	eP	22	38.90	0.8
	0.5s	3.90nm			4.2mb	
LPF	83.73	39	eP	22	42.00	0.2
	0.4s	7.40nm			4.6mb	
MFF	83.81	41	iPd	22	42.50	0.3
	0.6s	3.60nm			4.2mb	
LFF	83.83	43	eP	22	43.10	0.7
	0.6s	6.60nm			4.4mb	
GRR	83.97	39	iPd	22	43.20	0.2
	0.5s	16.80nm			4.9mb	
LPO	84.05	43	eP	22	43.80	0.3
FLN	84.34	39	iPd	22	44.90	0.1
	0.5s	13.10nm			4.8mb	
RJF	84.47	43	eP	22	45.50	0.0
LDF	84.50	39	eP	22	45.80	0.2
	0.7s	18.50nm			4.8mb	
CAF	84.72	43	eP	22	46.80	0.0
	0.6s	6.30nm			4.4mb	
LSF	84.78	42	iPd	22	46.80	-0.2
TCF	85.24	42	eP	22	49.00	-0.2
	0.5s	2.60nm			4.1mb	

MZF	85.47	42	IPd	22	50.30	0.0	SUE	0.52	310	IPg	57	55.90	-0.1	HCY	3.57	97	ePn	58	31.30	-0.2
	0.5s		2.90nm			4.2mb				eSg	58	03.70					eSn	59	11.50	
BGF	85.75	42	IPd	22	51.60	0.0	HYA	0.53	34	IPg	57	56.40	0.1	CVF	3.59	265	Pn	58	33.50	1.8
	0.6s		8.10nm			4.6mb				eSg	58	04.90		ORI	3.60	144	IPnc	58	32.50	0.7
AVF	86.15	42	eP	22	53.10	-0.4	ODD	0.95	145	IPn	58	03.20	-0.5				eSn	59	14.00	
	0.6s		4.10nm			4.3mb				eSn	58	16.20		BDV	3.85	99	ePn	58	35.50	0.2
SSF	86.33	41	eP	22	54.20	-0.2	KMY	1.53	186	IPn	58	13.60	0.7				eSn	59	19.50	
SMF	86.43	42	eP	22	54.60	-0.3				eSn	58	33.70		KBA	4.09	357	IPnc	58	39.20	0.3
	0.6s		3.90nm			4.3mb		S.D. = 0.6 on 5 of 5 obs.									IPg	58	50.70	
LBF	86.61	42	eP	22	55.30	-0.5											i	59	15.20	
LOR	86.62	41	eP	22	55.30	-0.5		MAY 01, 1985 15h 44m 59.93± 0.95s									i	59	31.50	
	0.4s		2.50nm			4.3mb		39.297 N ± 8.8km 29.187 E ± 6.8km									i	59	54.00	
DOU	87.91	39	Pc	23	02.00	0.3		DEPTH = 10.0km (geophysicist)						TTG	4.13	96	IPn	58	39.40	0.0
			pP	25	14.50	618km	TURKEY						(366)				iSn	59	26.00	
INK	88.49	341	eP	23	04.00	0.0								LCI	4.15	129	ePn	58	40.30	0.7
BSF	88.69	41	eP	23	05.30	-0.2	DST	0.53	306	IPg	45	08.40	-2.3	PLE	4.17	84	ePn	58	41.20	1.1
WLF	88.76	39	P	23	06.20	0.6				iSg	45	14.90					eSn	59	27.00	
			pP	25	18.40	615km	ALT	0.76	108	IPg	45	14.50	-0.3	ULC	4.23	102	ePn	58	40.30	-0.5
CDF	89.15	41	eP	23	07.50	-0.1				iSg	45	26.50					eSn	59	26.00	
MBC	89.63	350	eP	23	10.00	0.9	KCT	1.15	326	IPn	45	20.40	-1.0	SCE	4.28	341	IPnd	58	42.60	1.0
COL	92.47	335	eP	23	22.00	-0.4	YLV	1.28	6	IPn	45	23.40	-0.3	OGA	4.31	335	IPnd	58	42.10	0.0
	0.8s		10.07nm			4.9mb	GPA	1.31	41	ePn	45	22.90	-1.4	OSS	4.47	327	eP	58	46.10	1.8
NB2	94.18	29	P	23	29.00	-1.4	BNT	1.44	318	IPn	45	25.20	-0.8	IVA	4.55	90	IPnd	58	46.40	1.0
	0.7s		1.10nm			4.2mb	EDC	1.46	316	IPn	45	25.80	-0.5				eSn	59	37.00	
HFS	95.23	30	ePKP	23	34.30	-0.7	IZM	1.75	240	IPn	45	31.00	0.4	VDL	4.61	321	eP	58	47.30	0.9
	0.4s		0.90nm			4.4mb	ISK	1.77	357	IPn	45	32.40	1.7	BHG	4.76	353	eP	58	49.20	0.9
MAT	141.74	320	ePKP	29	35.00	-4.8X	CTT	1.94	343	IPn	45	34.90	1.7	GAP	4.85	338	eP	58	56.90	7.3X
WRA	141.76	221	PKPc	29	34.80	-5.5X	EZN	2.27	284	ePn	45	38.00	-0.1	ORO	4.87	305	ePn	58	49.00	-1.0
	0.6s		3.80nm				YER	2.27	199	IPn	45	40.70	2.5X				eSn	59	42.00	
MEK	143.32	195	IPKPc	29	40.20	-2.7X	DMK	2.75	337	IPn	45	45.00	0.2	LLS	5.11	321	eP	58	54.90	1.5
POO	144.86	71	IPKPc	29	48.50	2.8X	KDZ	3.75	310	IP	46	00.00	0.9	FRF	5.18	279	Pn	58	55.20	0.9
NAU	147.94	192	ePKP	29	54.00	3.5X				IS	46	56.00		SAX	5.25	326	eP+	58	56.70	1.2
MBL	148.09	200	IPKPc	29	53.80	3.0X	PVL	4.89	323	eP	46	17.00	1.7	LMR	5.27	276	Pn	58	56.30	0.7
BJI	148.42	349	ePKP	29	51.00	0.3	S.D. = 1.3 on 14 of 15 obs.							LRG	5.39	277	Pn	58	58.70	1.5
MTN	148.93	226	ePKP	29	52.00	-0.1								FUR	5.44	343	eP	59	04.30	6.4X
	0.7s		45.00nm				? MAY 01, 1985 16h 39m 17.65± 2.85s							DIX	5.45	307	eP	58	58.00	-0.3
GBA	148.96	79	PKPd	29	56.70	4.5X	39.238 N ±29.0km 28.917 E ±21.1km							VKA	5.57	18	IPnd	59	08.10	8.3X
	0.5s		11.60nm				DEPTH = 10.0km (geophysicist)										ISn	00	07.00	
HYB	149.46	71	ePKP	29	58.50	5.5X	TURKEY						(366)				I(Sg)	00	34.60	
DMN	151.01	47	IPKP	29	56.60	1.2								OHR	5.61	107	IPn	58	59.80	-0.5
KKN	151.03	47	IPKP	29	56.60	1.3	DST	0.43	329	IPg	39	24.90	-1.5	ZST	5.72	23	e(Pn)	59	15.50	13.8X
	0.7s		9.00nm							ISg	39	32.90					e	00	52.00	
PKI	151.25	47	IPKP	29	56.80	1.0	ALT	0.95	101	ePg	39	35.50	-0.2	EMS	5.73	305	eP+	59	03.20	1.0
	0.9s		7.08nm							ISg	39	47.50		SRO	5.80	32	eP	59	39.08	36.1X
S.D. = 0.7 on 80 of 89 obs.							KCT	1.10	337	ePn	39	38.80	0.5				e	01	08.00	
							BNT	1.36	326	ePn	39	43.50	0.9	SKO	5.81	98	IPnd	59	02.20	-0.9
MAY 01, 1985 14h 42m 14.69± 0.70s							YLV	1.37	15	IPn	39	43.13	0.3				ISn	00	06.00	
39.312 N ± 5.0km 22.931 E ± 7.0km							S.D. = 1.3 on 5 of 5 obs.							ZUL	5.84	322	eP+	59	03.40	-0.2
DEPTH = 10.0km (geophysicist)														SLE	6.01	324	eP+	59	05.40	-0.6
GREECE						(364)	MAY 01, 1985 16h 57m 35.69± 0.44s							KHC	6.13	359	Pn	59	06.50	-1.1
ML 3.0 (ATH).							43.001 N ± 3.8km 13.706 E ± 3.0km										Pg	59	11.90	
							DEPTH = 17.5 ± 4.9 km										Sn	00	13.00	
PAIG	0.84	43	ePg	42	31.70	0.7	3.4mb (2 obs.)										Sg	00	29.00	
			iSg	42	44.90		CENTRAL ITALY						(381)	WET	6.17	355	IPnc	59	07.10	-1.1
LIT	0.86	337	ePgc	42	30.40	-0.8	ML 4.4 (LDG), 4.2 (KBA), 4.1							VAY	6.80	101	IPn	59	15.50	-1.5
			eSg	42	44.50		(TRI).							BUH	6.84	328	ePn	59	16.40	-1.3
OUR	1.30	38	ePbc	42	38.70	-0.1								BSF	6.85	317	Pn	59	16.40	-1.5
			eSb	42	57.10		AQU	0.68	199	ePg	57	48.00	-0.8				Sn	00	29.00	
THE	1.32	1	ePbc	42	38.30	-0.7				ISg	57	57.00		CLO	6.88	69	IPc	59	18.00	-0.1
KZN	1.34	318	ePn	42	38.50	-0.9	MNS	0.97	231	IPgd	57	53.70	0.0	GRF	6.91	346	eP	59	22.00	3.4X
ATH	1.47	155	ePg	42	40.00	-1.2	DUI	1.45	157	ePn	58	03.00	1.9				e(S)	00	30.00	
			eSg	42	58.60					ISn	58	22.50		ECH	6.95	321	eP	59	18.00	-1.1
SOH	1.54	12	ePbc	42	42.90	0.6	TRI	2.71	1	ePn	58	19.00	-0.2	VTS	7.00	90	IP	59	19.00	-0.8
			eSb	43	04.00					IPg	58	25.20					ISg	00	34.00	
KNT	1.85	359	ePbc	42	46.70	0.0				i	58	30.30		PRU	7.01	4	ePn	59	20.00	0.0
			eSb	43	11.00					ISn	58	53.50					e	59	51.50	
SRS	1.87	15	ePn	42	46.80	-0.2				ISg	59	06.70					e	00	41.00	
			eSn	43	11.50					i	59	10.00					e	01	32.00	
VAY	2.03	352	IPn	42	49.40	0.2				i	59	14.50		CDF	7.04	322	Pn	59	19.10	-1.3
VLS	2.15	239	ePg	42	52.50	1.4	SGO	2.72	153	ePn	58	20.50	1.2				Sn	00	32.60	
MMB	2.35	15	IP	42	53.00	-1.0	CEY	2.79	10	ePn	58	21.90	1.6	HAU	7.19	317	Pn	59	21.10	-1.5
OHR	2.43	318	ePn	42	59.00	3.9X		0.8s		1000.00nm							Sn	00	37.10	
PRK	2.59	90	ePg	43	05.00	7.6X				IPb	58	26.90		MMB	7.56	97	IP	59	27.00	-0.8
SKO	2.89	337	ePn	43	11.00	9.4X				IPg	58	31.40		MOX	7.78	350	ePn	59	32.00	1.2
KDZ	2.97	38	IP	43	03.00	0.3				ISn	58	55.00					e(Sn)	00	53.00	
VTS	3.29	3	eP	43	09.00	1.7				ISg	59	07.70		BRG	7.88	1	ePn	59	36.00	3.9X
PVL	4.19	23	eP	43	20.00	0.0	VOY	3.03	2	ePn	58	23.90	0.1				eSn	01	03.00	
S.D. = 0.9 on 15 of 18 obs.										e(Sn)	59	00.40					e	01	37.00	
										i(Sg)	59	15.70					eSg	01	57.00	
% MAY 01, 1985 14h 57m 45.54± 0.78s							LJU	3.10	11	ePn	58	25.60	0.9	SMF	7.90	301	Pn	59	30.60	-1.9
60.727 N ± 6.0km 5.575 E ± 7.9km								1.0s		1370.00nm							Sn	00	54.70	
DEPTH = 10.0km (geophysicist)							BRT	3.36	128	ePn	58	27.30	-1.1	LBF	7.96	303	Pn	59	31.00	-2.4
SOUTHERN NORWAY						(535)				eSn	59	06.00					Sn	00	53.60	
DUR 2.0 (BER).							CTI	3.38	335	IPnd	58	29.00	0.2	KSP	8.04	12	eP	59	37.00	2.6
							SAL	3.46	320	ePn	58	30.80	1.0				eS	01	29.00	
ASK	0.31	218	IPg	57	51.70	-0.2	BRY	3.55	90	ePn	58	31.40	0.1	LOR	8.16	305	Pn	59	34.30	-1.9
			eSg	57	55.70					eSn	59	12.00					Sn	00	57.80	

01d 16h

AVF	8.27	301	Pn	59	35.60	-2.0
SSF	8.29	303	Pn	59	36.00	-1.9
			Sn	01	03.10	
CLL	8.33	357	e(Pn)	59	43.00	4.6X
			eSg	01	40.00	
PVL	8.40	85	IPc	59	39.00	-0.4
WLF	8.47	325	Pn	59	45.50	5.2X
BGF	8.50	298	Pn	59	39.00	-1.9
			Sn	01	08.20	
CAF	8.62	287	Pn	59	44.40	1.9
GRC	8.65	303	IPc	59	41.40	-1.5
			i	59	45.80	
KDZ	8.73	95	iP	59	43.00	-1.1
LPO	9.20	285	Pn	59	52.20	1.7
DOU	9.47	322	Pn	00	03.30	9.2X
			Sn	01	31.50	
LFF	9.55	286	Pn	59	57.10	1.8
HFS	17.16	360	(P)	01	38.00	2.1
	0.7s		1.50nm			3.2mb
NB2	18.13	356	P	01	48.80	0.8
	0.7s		2.60nm			3.5mb
GDH	42.60	331	eP	05	31.00	-0.8
			i	05	50.00	
S.D. = 1.3 on 68 of 78 obs.						

? MAY 01, 1985 18h 50m 56.67± 4.87s
39.019 N ±39.2km 28.919 E ±25.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.63	339	IPg	51	08.90	-0.4
			ISg	51	16.00	
ALT	0.93	87	ePn	51	14.50	0.0
KCT	1.30	341	IPn	51	21.20	0.4
BNT	1.54	330	IPn	51	26.70	2.5X
EDC	1.56	329	ePn	51	26.90	2.5X
YLV	1.58	13	IPn	51	25.00	0.1
GPA	1.66	40	IPn	51	25.90	-0.1
S.D. = 0.4 on 5 of 7 obs.						

% MAY 01, 1985 19h 50m 15.04± 1.50s
39.252 N ±15.2km 29.104 E ± 9.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.51	314	IPg	50	24.40	-1.0
			ISg	50	31.90	
ALT	0.81	104	ePg	50	31.00	0.2
			ISg	50	45.00	
KCT	1.15	330	ePn	50	37.20	0.6
YLV	1.33	9	IPn	50	40.20	0.6
GPA	1.39	42	ePn	50	39.50	-1.0
BNT	1.43	321	ePn	50	41.70	0.7
EDC	1.45	319	ePn	50	41.20	-0.1
S.D. = 0.9 on 7 of 7 obs.						

• MAY 01, 1985 20h 29m 53.30± 0.99s
39.306 N ± 8.5km 22.945 E ±10.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)

KZN	1.35	318	ePn	30	18.50	0.3
			eSb	30	37.60	
ATH	1.46	155	ePg	30	19.80	0.1
			eSg	30	38.60	
VAY	2.03	352	IPn	30	28.70	0.8
MMB	2.36	14	iPc	30	33.00	0.3
OHR	2.44	318	ePn	30	33.00	-0.9
PRK	2.58	90	ePg	30	44.50	8.7X
SKO	2.90	337	ePn	30	45.00	4.7X
KDZ	2.97	37	iP	30	42.00	0.7
			iSg	31	29.00	
VTS	3.30	3	eP	30	47.00	1.1
			ISg	31	40.00	
PVL	4.19	23	eP	30	58.00	-0.6
MLR	6.57	19	ePc	31	30.50	-1.9
S.D. = 1.1 on 9 of 11 obs.						

? MAY 01, 1985 22h 24m 55.77± 9.95s
40.961 N ±52.0km 30.549 E ±67.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.98	247	iPg	25	14.50	0.1
			iSg	25	16.00	
KCT	1.81	248	ePn	25	26.00	-1.3
DST	2.00	228	IPn	25	30.30	0.3

BNT	2.09	254	ePn	25	32.00	0.7
EDC	2.13	254	IPn	25	32.10	0.2
S.D. = 1.1 on 5 of 5 obs.						

• MAY 01, 1985 22h 35m 22.40± 0.95s
39.388 N ± 8.7km 22.988 E ±11.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.0 (ATH).

KZN	1.31	315	ePb	35	47.00	0.3
ATH	1.52	158	ePg	35	49.70	0.0
			eSb	36	06.50	
VAY	1.96	351	ePn	35	51.00	-4.9X
MMB	2.27	14	iP	36	01.00	0.5
OHR	2.40	316	ePn	36	08.60	6.2X
SKO	2.84	336	ePn	36	08.00	-0.6
KDZ	2.88	38	eP	36	09.00	-0.2
VTS	3.21	3	eP	36	22.00	8.2X
S.D. = 0.6 on 5 of 8 obs.						

MAY 01, 1985 23h 40m 24.55± 0.43s
18.286 S ± 7.9km 167.514 E ± 6.8km
DEPTH = 10.0km (geophysicist)
4.7mb (4 obs.)
VANUATU ISLANDS (186)

PVC	0.93	55	IPc	40	42.50	0.1
			IS	40	56.20	
NOU	4.13	194	iPc	41	27.80	-1.2
			IS	42	10.50	
HNR	11.46	319	eP	43	11.00	-0.4
VSG	11.74	319	eP	43	15.00	-0.3
SVO	11.76	320	eP	43	15.00	-0.4
RMO	19.16	241	eP	44	53.00	2.2
CTA	20.16	261	IPc+	45	03.60	1.6
	0.8s		32.84nm			4.7mb
			IS	48	52.00	
KRP	20.79	162	P	45	16.50	8.1X
STK	27.01	235	eP	46	09.00	0.3
WB2	31.35	262	eP	46	46.20	-1.5
WRA	31.36	262	Pc	46	46.40	-1.4
	1.1s		7.40nm			4.5mb
ASPA	31.79	254	eP	46	50.00	-1.6
WBN	38.57	251	eP	47	50.00	0.5
GUMO	38.75	323	eP	47	45.30	-5.7X
PJG	38.75	323	eP	47	45.40	-5.6X
SBA	59.60	180	e(P)	50	22.10	-8.4X
SPA	71.83	180	eP	51	57.30	8.0X
	1.0s		7.50nm			4.7mb
KMI	76.38	302	eP	52	19.00	2.5X
SBB	88.26	53	eP	53	17.00	-0.6
PLM	88.46	54	eP	53	18.00	-0.8
CLC	88.88	52	eP	53	20.00	-0.6
GSC	89.27	52	eP	53	22.00	-0.5
TPC	89.38	54	eP	53	19.00	-4.0X
COL	89.65	17	eP	53	25.00	1.5
GLA	89.93	55	eP	53	25.00	-0.6
EUR	91.49	49	iP	53	33.00	0.1
	0.2s		5.58nm			5.6mb
YKA	100.58	28	ePdiff	54	14.60	1.1
SOB1	140.85	132	ePKP	59	58.30	0.8
	0.5s		1.10nm			
KBA	144.31	329	ePKP	00	08.50	5.7X
	1.2s		9.40nm			
			i	00	17.70	
LJU	144.42	327	i(PKP)	00	05.40	2.6X
MEM	144.54	340	PKP	00	09.70	7.0X
VOY	144.76	328	e(PKP)	00	04.00	0.5
WLF	145.29	339	PKP	00	08.00	4.0X
			e	00	13.00	
DOU	145.44	341	PKP	00	07.70	3.4X
			e	00	13.00	
OGA	145.55	331	iPKPc	00	09.40	4.5X
CTI	145.86	330	ePKP	00	08.50	3.1X
ECH	146.13	336	ePKP	00	06.80	1.2
MNS	147.84	324	e(PKP)	00	14.50	6.1X
ORO	147.87	333	e(PKP)	00	12.00	3.4X
GRC	148.37	340	iPKPd	00	13.70	4.5X
			i	00	21.00	
S.D. = 1.1 on 23 of 40 obs.						

MAY 02, 1985 00h 40m 28.95± 0.59s
32.129 S ±10.5km 69.111 W ± 9.5km
DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)

RTCV	0.56	61	iPd	40	40.00	-0.4
ZON	0.69	32	iPd	40	42.20	-0.1
			eS	40	52.00	
RTCB	0.69	23	iPd	40	42.20	-0.2
CFA	0.91	55	iPd	40	46.00	0.6
			S	40	56.20	
RTLL	0.97	35	iPd	40	46.50	0.2
			S	40	59.00	
ROCH	1.81	242	iPd	40	58.30	-0.3
			IS	41	21.50	
PCH	1.90	218	iP	41	00.00	0.3
			IS	41	23.60	
TCA	3.93	80	iPc	41	28.30	-0.3
			S	42	28.30	
FSA	6.60	25	e(P)	42	19.00	12.8X
SLA	8.03	24	e(P)	42	32.00	5.6X
S.D. = 0.4 on 8 of 10 obs.						

% MAY 02, 1985 01h 16m 55.53± 2.09s
39.234 N ±23.5km 29.042 E ±15.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.49	319	IPg	17	04.80	-0.7
			ISg	17	12.30	
ALT	0.85	102	ePg	17	11.90	-0.1
			ISg	17	26.90	
KCT	1.14	333	ePn	17	17.40	0.5
YLV	1.36	11	ePn	17	20.40	-0.1
EDC	1.44	321	ePn	17	22.00	0.4
S.D. = 0.7 on 5 of 5 obs.						

• MAY 02, 1985 01h 30m 44.56± 1.13s
39.199 N ±13.6km 22.715 E ±15.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 2.9 (ATH).

KZN	1.32	327	ePn	31	09.10	0.0
ATH	1.46	147	ePg	31	10.40	-0.5
			eSg	31	28.50	
VLS	1.95	239	ePg	31	27.70	9.6X
VAY	2.12	357	ePn	31	19.40	-1.1
OHR	2.41	323	ePn	31	25.50	0.8
PRK	2.76	88	ePb	31	30.40	0.7
SKO	2.94	341	ePn	31	36.50	4.4X
S.D. = 1.1 on 5 of 7 obs.						

? MAY 02, 1985 02h 16m 03.82± 6.52s
12.278 S ±55.8km 117.937 E ±33.8km
DEPTH = 33.0km (normal)
3.0mb (1 obs.)
SOUTH OF SUMBAWA ISLAND (291)

MBL	9.02	169	eP	18	14.00	-0.8
			eS	19	51.00	
NAU	10.47	192	eP	18	34.00	-0.8
			eS	20	25.00	
MEK	14.27	178	eP	19	26.00	0.3
WBN	16.01	151	eP	19	49.00	0.7
MRWA	16.95	186	eP	20	01.00	0.8
			eS	22	59.00	
WRA	17.50	118	Pc	20	06.20	-0.9
	0.3s		0.40nm			3.0mb
WB2	17.51	118	eP	20	07.70	0.5
S.D. = 0.9 on 7 of 7 obs.						

? MAY 02, 1985 03h 12m 35.75± 1.01s
37.667 N ±21.5km 112.088 E ±17.8km
DEPTH = 33.0km (normal)
4.8mb (7 obs.)
NORTHEASTERN CHINA (658)

BJI	3.97	52	ePn	13	36.00	0.1
			ePg	13	45.50	
			eSg	14	35.50	
LZH	6.79	259	eP	14	21.50	5.6X
			Lg	16	12.00	
			e	16	17.50	
SSE	9.97	128	eP	15	07.00	7.2X
SHL	20.96	241	iP	17	17.40	-1.1
CHG	22.02	215	IPc	17	30.20	1.1
	0.8s		8.96nm			4.3mb
CHTO	22.02	215	eP	17	28.00	-1.0
	0.9s		9.38nm			4.2mb
LOE	22.14	207	eP	17	31.00	0.7
KKN	24.54	254	iP	17	56.80	3.0X

```
        0.7s     36.00nm          5.0mb
PKI    24.55 254 iP     17 57.00    2.9X
        0.7s     37.00nm          5.1mb
DMN    24.76 254 iP     17 59.00    3.0X
        0.7s     35.00nm          5.1mb
GBA    39.02 241 Pd     20 01.80    0.8
        0.8s     19.50nm          4.9mb
WRA    61.01 156 Pd     22 49.40    1.1
        0.8s      2.20nm          4.3mb
WB2    61.02 156 eP     22 46.70   -1.7
      S.D. = 1.3  on  8 of  13 obs.

*  MAY  02, 1985  05h 43m 37.93± 1.56s
   40.993 N ±10.4km  143.686 E ±18.5km
   DEPTH =  33.0km  (normal)
   5.2mb (  4 obs.)
 OFF EAST COAST OF HONSHU, JAPAN (229)
      Felt (I JMA) at Hachinohe.

HAC     1.71 255 iPc    44 05.70   -0.1
                iS      44 13.00
TSK     5.54 212 eP     45 00.50    0.3
DDR     6.11 217 eP     45 07.70   -0.6
                S       46 09.40
MAT     6.17 226 iPd    45 08.30   -0.8
SRY     6.40 214 eP     45 13.10    0.8
OYM     6.57 214 eP     45 15.20    0.4
KKN    49.13 274 eP     52 24.20   -0.4
        0.9s     39.00nm          5.4mb
PKI    49.14 273 eP     52 26.00    1.1
        0.5s      3.00nm          4.6mb
DMN    49.35 274 eP     52 26.10   -0.3
        0.6s      8.00nm          4.9mb
INK    50.08  29 eP     52 51.00   19.9X
ASPA   64.97 190 iPd    54 16.20   -0.4
        1.0s     39.00nm          5.5mb
      S.D. = 0.7  on  10 of  11 obs.

&  MAY  02, 1985  07h 47m 51.90s
   61.147 N          150.400 W
   DEPTH =  45.0km
 SOUTHERN ALASKA                  (  2)
      <AGS-P>. Felt (II) at Anchorage.

SUA     0.36 333 iP     48 00.96   -0.4
                eS      48 07.44
PMS     0.42  76 eP     48 01.60   -0.4
PWA     0.56  26 eP     48 03.00   -0.7
NKA     0.58 226 iP     48 05.01    1.2
SLKM    0.65 172 iP     48 04.15   -0.7
                iS      48 13.89
PTE     0.73 112 iP     48 05.55   -0.3
PLRM    0.76  53 iP     48 05.51   -0.8
                iS      48 17.33
SPU     0.80 273 iP     48 06.36   -0.7
PME     0.82  53 eP     48 06.30   -0.8
MPA     0.83 142 eP     48 06.94   -0.4
                iS      48 18.76
CRP     0.86 279 iP     48 07.45   -0.4
GHO     0.95  48 iP     48 08.33   -0.7
                eS      48 21.66
KNK     0.98  73 iP     48 08.90   -0.5
MSE     0.98  44 iP     48 08.58   -0.9
                iS      48 21.98
SKI     1.00 328 iP     48 09.27   -0.4
                iS      48 23.08
RDT     1.14 241 eP     48 10.86   -0.9
                eS      48 26.33
SEW     1.15 155 eP     48 10.93   -0.8
                iS      48 28.11
SML     1.19  55 eP     48 11.66   -0.8
CFI     1.28  87 iP     48 12.63   -0.9
                eS      48 30.43
BRLK    1.41 190 iP     48 14.65   -0.8
ILM     1.53 232 eP     48 16.44   -0.8
SCM     1.63  64 eP     48 17.99   -0.6
GLI     1.63  98 iP     48 16.84   -1.8
VZW     1.87  91 iP     48 20.38   -1.7
FID     1.95 100 eP     48 20.47   -2.7
VLZ     1.97  89 eP     48 21.76   -1.7
                iS      48 45.33
KLU     2.19  79 iP     48 24.89   -1.7
TOA     2.24  63 eP     48 26.50   -0.8
TSIM    2.45  86 eP     48 28.32   -2.1
SVW     2.53 271 eP     48 30.00   -1.5
KMP     2.62  80 eP     48 30.58   -2.1
SGAM    2.63 102 eP     48 29.67   -3.1
CSG     2.75  98 iP     48 32.67   -2.0
BMRM    2.84  91 eP     48 33.05   -2.8
RAGM    2.91 103 eP     48 34.50   -2.4
TTA     3.19 307 eP     48 39.30   -1.6
GLB     3.19  82 eP     48 39.11   -1.8
BALM    3.91  88 eP     48 48.10   -3.1
COL     3.95  16 eP     48 51.00   -0.6
FBA     3.95  16 eP     48 50.30   -1.3
        40 obs. associated

*  MAY  02, 1985  08h 55m 04.71± 1.74s
   19.350 S ±15.8km  174.566 W ±15.6km
   DEPTH = 108.9 ± 23.4 km
   5.3mb (  5 obs.)
 TONGA ISLANDS                    (173)

NUE     4.39  87 P      56 10.40    0.0
                S       56 27.00
AFI     6.03  27 P      56 33.00   -0.1
                S       57 25.00
NOU    17.99 257 iPc    59 15.50    6.3X
CTA    36.83 262 iPc    02 05.20    1.1
        0.8s     74.63nm          5.6mb
ASPA   47.93 255 eP     03 34.00   -0.2
WB2    47.96 260 iPc    03 34.20   -0.2
WRA    47.97 260 Pd     03 34.50    0.0
        0.3s      3.10nm          4.6mb
MTN    52.40 268 iPd    04 07.60   -0.7
        0.7s     55.00nm          5.6mb
                i       05 55.00
KNA    53.95 264 eP     04 20.00    0.3
MBL    61.17 256 eP     05 10.00   -0.3
        0.4s     12.00nm          5.3mb
COL    86.46  11 eP     07 36.00    0.2
        0.8s     14.55nm          5.0mb
      S.D. = 0.6  on  10 of  11 obs.

   MAY  02, 1985  08h 55m 16.31± 0.12s
   48.871 N ± 2.8km  156.329 E ± 2.8km
   DEPTH =  43.1km  ( 17 depth phases)
   5.9mb ( 83 obs.)  6.4Msz ( 27 obs.)
 KURIL ISLANDS REGION             (222)
      Felt (V) on Mys Vasilyeva,
      Paramushir Island.
      FAULT PLANE SOLUTION: P-Waves
       NP1:Strike= 35 Dip=80 Slip=  90
       NP2:        215      10       90
       Principal Axes:
        T                 Plg=55  Azm=305
        P                    35       125
      Comment: The focal mechanism is
        poorly controlled and
        corresponds to reverse
        faulting. The preferred fault
        plane is NP2.
      MOMENT TENSOR SOLUTION
      Dep  14            No. of sta: 19
      Moment Tensor; Scale 10**25 d-cm
        Mrr= 1.60        Mtt= 0.28
        Mff=-1.88        Mrt= 1.93
        Mrf= 2.56        Mtf=-0.41
       Principal axes:
        T  Val=  3.67  Plg=56  Azm=321
        N        0.00      13      210
        P       -3.68      30      112
      Best Double Couple:Mo=3.7*10**25
       NP1:Strike=167 Dip=19 Slip=  45
       NP2:        33      77      103
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 14S, 2BC
      Centroid Location:
      Origin Time        08:55:20.4 0.2
      Lat 48.69N 0.03 Lon 156.36E 0.04
      Dep  10.0 FIX Half-duration  5.4
      Moment Tensor; Scale 10**25 D-CM
        Mrr= 2.25 0.05  Mtt=-0.95 0.05
        Mff=-1.30 0.06  Mrt= 1.78 0.17
        Mrf= 2.48 0.15  Mtf=-1.27 0.06
       Principal Axes:
        T  Val=  3.77  Plg=64  Azm=302
        N        0.14       3       38
        P       -3.91      26      129
      Best Double Couple:Mo=3.8*10**25
       NP1:Strike=226 Dip=19 Slip=  99
       NP2:        37      71       87
NEM     9.29 237 eP     57 24.00   -6.6X
                eS      59 47.00
ABJ     9.63 244 eP     57 32.00   -3.2X
                e       59 24.00
WAK    10.56 256 eP     57 51.00    3.0X
                eS      00 06.00
OBI    10.90 242 eP     57 50.00   -2.5X
                e       00 25.00
ASA    10.91 247 eP     57 51.00   -1.7X
                S       00 22.70
RMJ    11.27 250 eP     57 56.00   -1.6X
                S       00 35.60
URA    11.63 240 eP     57 58.00   -4.4X
                eS      00 29.00
SMY    11.89  64 eP     58 01.00   -4.8X
                eS      00 00.20
SAP    11.94 246 eP     58 03.00   -3.6X
                e       00 50.00
MRR    12.58 244 eP     58 11.00   -4.1X
                e       01 08.00
SUT    12.75 248 eP     58 14.00   -3.4X
                eS      01 02.00
HAK    13.02 243 eP     58 14.00   -6.9X
                eS      01 14.00
AKI    14.76 238 eP     58 38.00   -5.8X
                eS      01 58.00
NII    16.62 235 eP     59 10.00    2.4X
TSK    17.36 229 eP     59 10.30   -6.5X
ADK    17.44  70 eP     59 15.00   -2.7X
TOK    17.95 229 eP     59 23.00   -1.1X
DDR    17.99 231 eP     59 19.10   -5.6X
MAT    18.09 234 iPc+   59 20.00   -5.9X
        1.6s     83.33nm          4.6mb X
                eS      02 50.00
KYS    18.14 227 eP     59 28.60    2.0X
WAJ    18.18 238 eP     59 21.00   -6.0X
                eS      03 00.00
SRY    18.25 230 eP     59 24.10   -3.8X
OYM    18.41 229 eP     59 27.40   -2.5X
TAT    18.45 227 eP     59 31.00    0.7X
HJJ    20.03 224 Pc     59 47.40   -0.8
OSK    20.90 235 Pc     59 56.10   -1.2
                S       03 56.00
OSA    20.93 235 Pc     59 56.50   -1.0
                e       03 44.00
SHK    22.62 239 iPc    00 14.00   -0.3
SEO    24.05 253 iPc+   00 28.10   -0.1
        1.2s   1187.50nm          6.3mb
      Z  15s    293.33um          6.9MszX
      N  16s     95.62um
      E  15s     65.33um
                eS      04 48.00
OIT    24.16 239 Pc     00 30.90    1.6
                eS      04 50.00
CBI    24.36 212 eP     00 23.00   -8.3X
                eS      04 52.00
SAG    24.91 241 eP     00 38.00    1.5
NGS    25.53 241 Pc     00 43.20    0.8
                S       05 14.40
TTA    29.39  44 eP     01 16.40   -0.9
BJI    29.69 268 P+     01 18.00   -2.1
      Z  18s     44.80um          6.1Msz
      N  17s    151.60um
                ePP     02 17.00
                PPP     02 31.00
                S       06 19.00
                eSS     07 56.00
MVI    30.19 229 eP     01 26.00    1.3
IMA    30.81  38 eP     01 28.50   -1.4
BRW    31.09  27 eP     01 32.00   -0.1
KDC    31.14  54 eP     01 30.10   -2.6
SSE    31.88 249 iPc+   01 39.00   -0.5
        9.0s     6.90nm          3.5mb X
      Z  17s    90.80um          6.5MszX
      N  17s   102.10um
                sP      01 50.00
                PP      02 46.00
                S       06 47.00
                sS      06 59.00
PMR    32.57  46 P      01 43.50   -1.6
      Z  21s    63.54um          6.3Msz
PME    32.61  46 eP     01 44.50   -1.0
        1.2s    70.30nm          5.4mb
COL    33.15  40 iP     01 49.50   -0.7
      Z  18s    61.86um          6.4Msz
                i       07 11.00
FBA    33.15  40 eP     01 48.00   -2.2
```

02d 09h

TOA		33.94	45	P	01	56.70	-0.4	ORV		56.91	66	eP	04	58.60	-0.6	PSI		67.02	246	ePd	06	06.60	-0.4
ANP		36.00	242	iP+	02	15.00	-0.1					i	05	16.00	67kmX	HFS		67.20	341	eP	06	05.30	-2.3
				iS	07	58.00		KKN		57.43	276	iPc	05	02.60	-0.6			0.5s		31.00nm			5.6mb
GUMO		36.43	199	e(P)	02	24.50	5.8X	PKI		57.50	276	iPc	05	03.00	-0.8		Z	17s		48.93um			6.8MszX
INK		38.70	34	iPc	02	37.40	0.2	BKS		57.52	68	eP	05	10.00	6.5X					LR	34	24.00	
		0.8s		58.00nm			5.5mb		Z	18s		12.00um			6.0Msz	REY		67.32	359	iP	06	10.50	2.3
LZH		39.99	271	Pc	02	47.50	-1.0		N	18s		9.00um				QUE		67.55	290	iPc	06	09.00	-1.5
		9.0s		5.40nm			3.4mb X		E	18s		15.00um								eS	15	13.00	
	N	13s		53.50um								eS	13	08.00		HYA		67.71	345	eP	06	10.10	-0.6
	E	14s		61.90um								eLQ	19	27.00		MHI		67.72	300	iPc+	06	11.00	-0.4
				ePP	04	32.00						eLR	21	58.00			Z	18s		44.67um			6.7Msz
				eS	08	56.00		DMN		57.67	276	iPc	05	04.60	-0.3					eS	15	24.00	
				eSS	11	52.00		PCC		57.67	68	e(P)	05	03.70	-0.8	LHC		67.77	41	eP	06	10.00	-1.3
MBC		41.85	21	iPc	03	03.40	0.3	FFC		57.72	42	iPc	05	03.70	-0.9	SUE		68.05	346	eP	06	12.50	-0.4
		2.0s		531.00nm			5.9mb			1.3s		133.00nm			5.9mb	TRT		68.09	228	iPd	06	13.50	-0.2
PIP		41.93	236	ePc	03	03.50	-0.8	TRO		57.77	344	eP	05	06.00	1.2			0.9s		139.70nm			6.0mb
HKC		42.55	247	iP	03	10.00	0.6	AAI		57.79	214	e(P)	05	05.60	0.2	KONO		68.49	343	iP	06	16.70	1.1
				isP	03	28.00		SVO		57.85	176	eP	05	05.00	-0.8	ASK		68.52	345	eP	06	16.40	0.6
				iS	09	34.00		KHT		57.90	255	eP	05	06.50	0.2	BER		68.59	345	iPd	06	17.20	1.0
				iScS	13	04.00		HRY		57.97	54	ePc	05	06.10	-0.6	AFI		68.59	147	eP	06	15.00	-1.8
BAG		43.52	235	ePc+	03	15.50	-2.0	SOD		58.04	339	iP	05	03.90	-2.8					ePP	09	06.00	
		1.3s		442.31nm			6.0mb	TLE		58.06	208	eP	05	10.80	3.5X					eS	15	18.00	
				eS	09	44.00		HNR		58.14	176	eP	05	05.00	-2.8					eScS	15	54.00	
MAN		44.70	233	eP	03	29.00	2.1	ARN		58.29	68	P	05	10.00	1.1					e(SS)	17	33.00	
HON		45.43	111	P	03	36.00	3.4X	PMG		58.59	191	eP	05	09.50	-1.5					e(SSS)	21	57.00	
MAP		46.95	226	iPc	03	45.00	0.3	JAS1		58.60	67	eP	05	10.50	-0.5	PPI		68.66	243	eP	06	16.50	-0.8
		1.5s		400.00nm			6.2mb					i	05	28.70	70kmX	ODD		68.77	344	iPd	06	17.90	0.5
PHC		47.19	57	eP	03	48.00	1.8	SXM		58.66	54	eP	05	10.80	-0.8	KNA		68.84	209	eP	06	18.00	-0.2
ALE		47.42	6	ePc	03	46.70	-0.9	NNT		58.83	252	eP	05	13.50	0.7	ALQ		68.89	61	eP	06	18.00	-0.8
		0.8s		131.00nm			6.0mb	8MN		58.91	63	eP	05	12.60	-0.7			1.0s		17.50nm			5.0mb
KMI		47.75	260	Pc+	03	50.00	-1.2			0.8s		10.44nm			5.0mb		Z	18s		13.57um			6.2Msz
		8.0s		6.20nm			3.7mb X	CAL		58.99	269	iP	05	22.00	8.2X	HYB		69.09	273	iPc	06	19.00	-1.0
	N	16s		49.90um								iS	13	30.00				1.0s		170.00nm			6.0mb
				pP	04	03.00	48km	PRS		59.04	69	eP	05	14.40	0.3					e	06	32.00	45km
				PP	05	41.00						e	05	30.70	61kmX	CTA		69.23	190	iPc+	06	19.50	-1.1
				S	10	43.00		LLA		59.12	68	e(P)	05	14.70	0.0			1.3s		98.08nm			5.6mb
				sS	11	08.00						e	05	31.60	64kmX					iS	15	24.00	
YKA		47.92	39	eP	03	51.80	0.0	FRI		59.63	67	e(P)	05	17.70	-0.4	VUN		69.44	157	eP	06	23.00	1.1
RSNT		47.93	39	P	03	51.50	-0.3	MNA		59.64	65	eP	05	18.50	0.1	KMY		69.71	345	eP	06	22.80	-0.3
		1.3s		112.90nm			5.7mb	GDH		60.16	12	iPd	05	21.90	0.6	SCH		70.52	25	eP	06	27.00	-1.1
YKC		47.98	39	ePc	03	52.00	-0.3			1.7s		600.00nm			6.4mb	ISQ		70.87	197	eP	06	30.00	-0.6
		1.1s		97.00nm			5.7mb		Z	19s		20.83um			6.3Msz	MDR		71.22	268	eP	06	32.00	-0.9
CGP		48.25	224	eP	03	55.00	0.1					iS	13	35.00						eS	15	48.00	
DAV		49.07	222	eP	04	00.00	-1.1	EUR		60.26	63	iP	05	21.80	-0.9	WB2		71.25	202	iPc	06	31.20	-1.7
				eS	11	07.00				0.2s		41.87nm			6.2mb	WRA		71.26	202	Pd	06	29.60	-3.3X
PGC		50.47	58	eP	04	11.00	-0.5	KJF		60.33	337	iP	05	20.50	-2.1			1.1s		90.30nm			5.7mb
KBS		50.73	352	eP+	04	12.00	-1.1			1.0s		48.00nm			5.6mb	POO		71.38	277	iPc	06	34.50	0.6
MOM		51.30	191	eP	04	17.00	-1.1					e	06	16.00	245kmX					iS	15	52.00	
PNT		52.22	55	iPc	04	23.70	-1.1					ePPP	09	08.00		NOU		71.43	170	iPc	06	35.30	1.4
		0.8s		57.00nm			5.6mb					eS	13	40.00		COP		71.53	339	iPd	06	33.00	-1.1
				pP	04	37.00	49km					e	14	08.00				1.5s		777.78nm			6.5mb
COR		52.82	62	eP	04	30.00	0.7					eScS	15	12.00						iS	15	55.00	
RAB		52.97	185	iP-	04	30.00	-0.6					eSS	17	44.00		MUD		71.53	341	iPd	06	34.60	0.4
				iS	11	58.00		DDI		60.44	283	eP	05	22.00	-1.8			1.4s		278.00nm			6.0mb
EDM		53.28	49	iPc	04	31.50	-1.2	BDW		61.74	56	eP	05	31.70	-1.1	BOM		71.80	278	iP	06	36.00	-0.3
LOE		53.95	254	eP	04	35.50	-2.4			1.5s		112.57nm			5.8mb					eS	15	55.00	
NEW		54.18	55	eP	04	38.00	-1.3	SUF		61.95	336	iP	05	31.00	-2.6	WAR		72.32	333	eP	06	40.00	1.1
	Z	19s		15.00um			6.1Msz			0.4s		16.60nm			5.5mb					e	12	00.00	
SHL		54.58	269	iP	04	40.00	-2.7	FRB		62.32	21	ePc	05	33.80	-2.1					e	16	01.00	
				iS	12	22.00		SNG		62.47	248	eP	05	37.50	0.0	GBA		72.59	271	P	06	41.00	0.0
YKM		54.58	54	iPc	04	43.40	0.9	MKS		62.72	222	iPc	05	37.20	-1.9			1.0s		110.00nm			5.8mb
CHG		54.70	258	iPc	04	42.80	-0.7					eS	14	08.40		TEH		72.65	305	ePc	06	42.00	0.6
		1.0s		145.00nm			6.0mb	RSSD		63.80	52	iP	05	45.30	-1.1	IR2		72.97	305	iPc	06	44.00	0.8
				eS	12	30.00				0.8s		57.39nm			5.7mb	OCO		73.49	55	e(P)	06	47.20	1.1
CHTO		54.70	258	iP	04	42.90	-0.5	NUR		64.19	336	iP	05	46.60	-1.7	TAB		73.57	309	eP	06	47.00	0.3
		1.1s		173.14nm			6.0mb			0.6s		26.10nm			5.5mb	TUL		74.10	53	eP+	06	49.40	-0.2
				pP	04	55.20	43km		Z	18s		95.90um			7.0Msz			1.3s		94.40nm			5.6mb
BGA		54.80	181	eP	04	45.00	0.8					e	06	44.00	250kmX		Z	20s		22.30um			6.5Msz
RXF		54.90	54	iPc	04	45.40	0.7					ePP	08	08.00			N	19s		9.88um			
PAA		54.94	181	eP	04	38.00	-7.2X					ePPP	10	00.00			E	20s		10.16um			
LHD		55.02	55	iPc	04	46.70	1.1					eS	14	28.00						eS	16	21.50	
LDM		55.04	54	iPc	04	46.40	0.7					eScS	15	24.00		HAM		74.15	340	iPc	06	50.20	0.7
CLX		55.28	54	iPc	04	48.20	0.6					eSS	18	30.00		BRL		74.25	338	eP	06	51.00	0.9
WDC		55.65	66	iPd	04	50.50	0.4					LR	36	40.00		RLO		74.31	53	eP	06	49.90	-0.9
				i	05	08.00	67kmX	GLA		65.24	68	eP	05	55.00	-0.5	BRN		74.32	338	iPc	06	51.00	0.4
KEV		56.05	341	iP	04	50.50	-2.1	AKU		65.70	357	iP	05	58.30	0.4	IAS		74.50	327	eP	06	53.00	1.4
		0.5s		16.80nm			5.3mb			1.5s		377.78nm			6.2mb	KRA		74.57	333	iPc	06	52.10	0.1
				iPcP	05	19.80			Z	18s		14.43um			6.2Msz			1.0s		271.00nm			6.2mb
				ePPP	08	08.00		GOL		66.15	57	P	06	01.60	0.0		Z	20s		93.60um			7.1Msz
				eS	12	48.00			Z	21s		21.98um			6.3Msz		N	20s		38.30um			
				eScS	14	24.00		GLD		66.20	56	P	06	02.00	0.2		E	20s		48.60um			
				eSS	16	56.00			Z	20s		18.00um			6.3Msz					i	06	53.40	4kmX
SES		56.11	50	ePc	04	51.20	-2.1	UPP		66.55	339	iP	06	01.20	-2.2					i	06	56.40	
GAS		56.12	67	P	04	53.20	-0.4					iS	14	58.00						eS	16	30.00	
NST		56.26	254	iPc	04	54.00	-0.7	TSI		66.60	247	ePc	06	06.30	1.9	LTX		74.58	63	eP	06	51.90	-0.7
MIN		56.36	65	eP	04	55.00	-0.4	NB2		66.89	342	P	06	03.60	-2.1			1.4s		60.00nm			5.4mb
				i	05	12.10	65kmX			1.7s		377.80nm			6.2mb	EKA		74.75	348	Pc	06	52.60	-0.4

	1.5s 341.60nm 6.1mb	GRT	77.11 49 P 07 02.00 -4.6X		1.2s 196.30nm 5.9mb
KSP	74.93 335 iPc 06 53.70 -0.5	BUD	77.13 332 iPc 07 07.20 0.7	RSCP	79.52 47 e(P) 07 19.30 -0.6
	1.1s 345.00nm 6.2mb	PLH	77.13 341 ePc 07 06.60 0.2	DIM	79.62 325 iP 07 20.00 -0.3
	id 06 55.40 5kmX	DLE	77.19 350 eP 07 06.80 0.0	LJU	79.78 334 iP 07 22.30 1.2
ASPA	74.94 201 eP 06 54.00 -0.5		1.3s 320.00nm 6.2mb		S 17 25.40
	e 07 07.00 45km	DCN	77.22 350 eP 07 07.00 0.1	SLE	79.79 339 eP+ 07 21.80 0.7
	e 16 36.00		1.5s 460.00nm 6.3mb	PLD	79.90 326 eP 07 23.00 1.2
CLI	75.14 326 eP 06 54.50 -0.9	KHC	77.23 336 iPc 07 07.50 0.4	VOY	79.97 334 eP 07 22.10 -0.1
SPC	75.24 332 iPc 06 55.50 -0.7		1.4s 345.00nm 6.2mb		i 07 22.80 2kmX
Z	17s 46.10um 6.8MszX	Z	18s 48.00um 6.9Msz		i 07 34.80
	i 07 08.70 45km	N	18s 28.00um	OGA	79.99 337 iPc 07 23.20 0.8
	e(S) 16 40.60	E	18s 26.00um	RAR	79.99 139 P 07 32.00 9.6X
FVM	75.26 49 P 06 55.20 -1.1		e 07 20.10 43km		S 17 28.00
RMO	75.32 187 eP 06 57.00 0.5		S 17 00.00	VTS	80.03 327 iPd 07 22.00 -0.4
CLL	75.39 337 iPc 06 56.10 -0.6	PSN	77.23 324 iPc 07 08.00 0.9	KDZ	80.06 325 iPd 07 22.00 -0.6
	1.5s 550.00nm 6.3mb	VKA	77.25 334 iPc 07 07.70 0.5	SAX	80.06 338 eP+ 07 22.80 -0.1
Z	17s 43.00um 6.8MszX		3.0s 1791.00nm 6.6mb	HAU	80.06 340 eP 07 22.60 0.0
	i 07 07.00 36km	Z	19s 44.00um 6.8Msz		1.1s 102.50nm 5.7mb
	eS 16 35.00		i 07 19.10	KCT	80.07 322 iPc 07 22.60 -0.2
WIT	75.47 342 eP 06 59.00 1.9		i(pP) 07 32.00 93kmX	ZUL	80.08 339 eP+ 07 22.50 -0.2
BRG	75.54 336 iPc 06 57.10 -0.5		iPP 10 02.20	BSF	80.13 340 eP 07 22.90 -0.1
	1.3s 38.00nm 5.2mb		i 16 57.50		1.2s 148.70nm 5.8mb
Z	19s 70.00um 7.0Msz		i 17 08.50	BNT	80.16 323 iPc 07 23.60 0.4
N	18s 17.00um		i 17 32.00	TRI	80.30 334 iPc 07 22.50 -1.3
E	18s 60.00um	GRF	77.33 338 iPc 07 08.30 0.7		ePP 10 24.00
	i 06 59.00 6kmX		1.8s 257.00nm 6.0mb		iS 17 20.00
	eS 16 40.00	Z	18s 42.00um 6.8Msz		iSP 18 16.00
OTT	75.71 35 eP 06 59.00 0.4		eS 17 09.50		iSS 21 46.00
BHO	75.75 54 eP 06 58.50 -0.6	BUC	77.40 326 ePc 07 08.00 -0.1		iSSS 26 12.00
JOS	75.76 331 iPc 06 58.60 -0.3	WET	77.40 336 iPc 07 08.20 0.1	KGT	80.32 323 iPc 07 24.10 0.1
VRI	75.92 326 ePc 06 59.00 -0.9	Z	20s 68.20um 7.0Msz	NAV	80.35 43 P 07 25.40 1.1
JCT	75.97 60 eP 07 01.00 0.5		eS 17 02.00	ALT	80.36 320 iPc 07 23.90 -0.5
	1.0s 57.50nm 5.5mb	TNS	77.50 340 ePc 07 08.70 0.0	OSS	80.38 337 eP+ 07 25.10 0.6
Z	20s 14.18um 6.3Msz		eS 17 10.00	LLS	80.50 338 eP+ 07 25.20 0.0
CFR	75.97 325 ePc 06 59.50 -0.6	STB	77.52 341 iPc 07 08.80 0.2	RTB	80.50 310 iPd 07 28.00 2.9X
BRD	76.11 326 eP 07 02.00 1.1	ENN	77.55 341 ePc 07 09.00 0.2		i 07 44.00 57kmX
PRU	76.19 336 iPc 07 01.30 0.0		1.2s 464.00nm 6.4mb		i 10 16.00
	1.9s 629.40nm 6.3mb		e 07 21.50 42km		i 13 29.00
Z	19s 83.40um 7.1Msz	MEM	77.68 341 iPc 07 10.00 0.5		eS 17 24.00
N	19s 55.40um		i 07 11.40 5kmX		eScS 17 46.00
E	18s 31.10um		i 07 21.50	CMS	80.54 189 eP 07 25.00 -0.1
	S 16 49.00	SOP	77.70 333 iPc 07 10.60 0.9	CTI	80.58 336 eP 07 25.20 -0.3
WTS	76.21 341 ePc 07 01.50 0.2	ETA	77.73 349 iPc 07 10.90 1.2	BLA	80.61 43 eP+ 07 25.50 -0.2
	1.2s 341.00nm 6.2mb		1.8s 590.00nm 6.3mb		1.3s 92.31nm 5.6mb
	e 07 13.00 38km	UCC	77.85 342 P+ 07 10.00 -0.4	Z	20s 18.09um 6.4Msz
POW	76.31 50 P 07 02.60 0.4		S 17 04.00	FLN	80.71 345 eP 07 26.10 0.2
MOX	76.35 338 iPc+ 07 02.00 -0.2	CLO	78.01 328 iPc 07 10.50 -0.9		1.6s 286.00nm 6.0mb
	1.6s 562.00nm 6.3mb	KMR	78.06 335 iP+ 07 13.00 1.3	MM8	80.71 326 iPc 07 26.00 -0.1
Z	17s 48.80um 6.9MszX		i 17 18.00	VDL	80.74 337 eP+ 07 27.10 0.7
N	17s 22.60um	ECB	78.12 350 iPc 07 12.40 0.5	LDF	80.81 344 eP 07 26.70 0.2
E	17s 37.80um		1.8s 730.00nm 6.4mb		1.6s 223.80nm 5.9mb
	e 07 13.00 36km	ECP	78.25 349 iPc 07 13.10 0.5	RUV	80.89 126 eP 07 29.00 1.7
	iS 16 50.00		2.0s 960.00nm 6.5mb		1.0s 65.00nm 5.5mb
	iSP 17 25.00	BHD	78.26 307 iPd 07 14.00 1.0	GRR	81.13 345 eP 07 28.30 0.1
	eSS 22 00.00		ePcP 07 24.00	SKO	81.20 328 iPc 07 28.50 -0.2
MNT	76.40 34 iP 07 00.30 -2.2		ePP 10 20.00		2.0s 830.00nm 6.4mb
OBN	76.44 342 iP+ 07 03.00 0.4		iS 17 10.00		i 07 41.00 42km
	1.0s 29.10nm 5.2mb	DOU	78.46 342 P+ 07 14.90 1.1		iPP 10 34.00
	e 08 44.00 459kmX	Z	17s 25.10um 6.6MszX		iS 17 41.00
	ePP 09 54.00		PP 10 08.00	EZN	81.24 323 ePc 07 28.10 -0.8
	eS 16 51.00		S 17 14.00	SAL	81.28 336 iPc 07 29.00 0.0
	eSS 22 16.00	WLF	78.54 341 Pc 07 14.50 0.3		ePP 07 43.00 48km
PSZ	76.47 332 e(P)c 07 03.00 0.0		e 07 29.00 51km	LOR	81.30 341 eP 07 29.20 0.1
MSL	76.48 310 iPd 07 03.00 -0.2		S 17 14.00	VAY	81.37 327 iP 07 29.40 -0.1
	iPcP 07 14.50		e 17 29.00	GRC	81.44 342 iPc 07 30.30 0.5
	eS 16 49.00	STU	78.68 339 iPc+ 07 14.90 -0.2		i 11 21.00
TLE	76.52 325 eP 07 02.80 -0.4		1.1s 177.22nm 6.0mb	BCK	81.49 319 iP 07 30.10 -0.2
MLP	76.53 327 iPd 07 02.50 -1.0	FUR	78.72 337 iPc 07 15.80 0.5	LPF	81.51 345 eP 07 30.50 0.4
SHI	76.56 300 Pc 07 04.00 0.1		1.6s 659.00nm 6.4mb	MMK	81.52 338 eP+ 07 31.20 0.6
HOF	76.59 337 iPc 07 03.00 -0.6	Z	17s 63.10um 7.0MszX	LBF	81.55 341 eP 07 30.30 -0.2
	1.4s 513.00nm 6.3mb	PVL	78.83 326 iPc 07 15.00 -1.0		1.2s 78.20nm 5.6mb
Z	17s 47.80um 6.9MszX	JMB	78.88 325 iPd 07 18.00 1.7	SSF	81.57 342 eP 07 30.80 0.3
ISR	76.61 326 ePc 07 04.00 0.2	VAL	78.92 352 eP 07 16.00 -0.3		1.2s 86.20nm 5.6mb
TRD	76.68 268 iP 07 00.50 -4.0X	DMK	78.98 323 iP 07 16.00 -0.8	DIX	81.63 339 eP+ 07 32.10 0.9
RSNY	76.88 35 eP 07 05.40 0.2	ISK	79.10 322 eP 07 16.00 -1.4	EMS	81.75 339 eP+ 07 32.30 0.6
	1.4s 43.40nm 5.3mb	KBA	79.17 335 iPc 07 18.00 0.0	PPN	81.76 129 eP 07 34.00 2.3
MBL	76.94 215 eP 07 05.00 -0.8		1.3s 506.00nm 6.3mb		1.0s 65.00nm 5.6mb
CMP	77.05 327 ePd 07 03.00 -3.2X		i 07 23.20	PRK	81.76 323 eP 07 33.00 1.4
SRO	77.06 332 iPc 07 06.90 0.8		i 07 33.80	AVF	81.86 342 eP 07 32.40 0.4
N	20s 35.10um		i(pP) 07 48.70 121kmX	SMF	81.90 341 eP 07 32.60 0.4
E	20s 23.90um		iPP 10 24.70	ORO	81.92 338 eP 07 31.00 -1.5
	i 07 20.00 45km		iSKS 17 22.80	IZM	82.09 322 iPc 07 32.80 -0.6
	i(S) 17 00.00	COO	79.19 184 eP 07 19.00 1.1	BHL	82.14 314 Pc 07 34.00 0.2
ZST	77.08 333 iPc 07 06.60 0.3	GPA	79.24 321 iP 07 28.10 9.8X		SKS 17 55.00
	e 07 19.00 42km	CTT	79.28 323 iP 07 19.60 1.1	OHR	82.19 328 eP 07 33.00 -0.9
BNS	77.10 341 iPc 07 07.00 0.7	YLV	79.39 322 iP 07 19.10 -0.1		e 07 44.30 37km
	eS 16 52.50	CDF	79.47 340 eP 07 19.40 -0.1		eS 17 44.40

02d 09h

BGF	82.19	342	eP	07	34.30	0.5
	1.3s	104.10nm				5.7mb
PRM	82.29	46	P	07	35.60	1.1
CSS	82.35	316	e(P)	07	38.00	3.2X
MEK	82.38	214	eP	07	36.00	1.1
ELL	82.38	319	iP	07	34.30	-0.8
KZN	82.55	327	eP	07	36.50	0.7
MZF	82.57	342	iPc	07	36.20	0.4
TCF	82.58	342	eP	07	36.30	0.5
	1.1s	54.20nm				5.5mb
PLDF	82.59	341	eP	07	38.30	2.4
HRI	82.61	313	eP	07	37.00	0.7
MFF	82.73	344	eP	07	37.20	0.7
	1.0s	64.00nm				5.6mb
YER	82.75	321	iP	07	38.90	2.0
LSF	82.75	343	iPc	07	37.00	0.3
PYM	82.93	342	eP	07	40.40	2.7
YOU	83.08	187	iPd	07	39.40	1.1
			e	08	08.50	112kmX
AQU	83.48	333	eP	07	41.00	0.5
BRT	83.63	330	eP	07	41.00	-0.2
MNS	83.66	334	eP	07	42.50	1.2
RJF	83.66	342	eP	07	42.10	0.7
	1.3s	79.40nm				5.6mb
DUI	83.79	332	iPc	07	42.00	0.0
LCI	83.86	329	e(P)	07	41.50	-0.9
ATH	83.87	324	iPc	07	42.00	-0.5
SGS	83.89	45	P	07	35.60	-7.1X
CAF	83.91	342	eP	07	43.60	0.9
	1.4s	126.30nm				5.8mb
CAN	84.07	186	eP	07	44.40	1.1
			e	08	11.10	101kmX
JER	84.10	313	eP	07	42.50	-1.4
			e(S)	18	18.00	
LFF	84.17	343	eP	07	45.10	1.2
	1.3s	133.70nm				5.9mb
FRF	84.18	338	eP	07	44.00	0.0
	1.0s	47.50nm				5.5mb
LPO	84.32	342	eP	07	45.40	0.7
	1.2s	73.70nm				5.7mb
LRG	84.35	339	iPc	07	45.40	0.6
	1.0s	66.60nm				5.7mb
IIC	84.39	66	eP	07	48.00	2.2
LMR	84.43	338	iPc	07	45.70	0.5
	1.4s	153.20nm				5.9mb
CVF	84.55	336	eP	07	46.00	0.1
	1.4s	130.60nm				5.9mb
ORI	84.62	330	iPc	07	47.00	0.8
VLS	84.86	326	eP	07	47.00	-0.5
ADE	84.93	194	iPd	07	48.50	0.9
	1.3s	76.92nm				5.7mb
WAM	84.95	186	eP	07	47.70	0.1
			e	08	10.60	85kmX
TPM	85.11	67	iPd	07	50.00	0.8
III	85.33	67	ePd	07	51.50	1.2
PRNI	85.37	312	eP	07	52.50	2.3
NPS	85.46	322	eP	07	50.70	0.2
MRWA	85.68	215	eP	07	51.00	-0.5
MLS	86.00	342	eP	07	53.90	0.8
EPF	86.08	343	eP	07	54.40	0.8
	1.4s	91.40nm				5.8mb
TOO	86.60	189	eP	07	57.00	1.2
			eS	18	34.00	
TBI	86.62	132	eP	08	16.00	19.8X
	1.1s	100.00nm				
KLB	87.19	212	eP	07	58.00	-0.8
HLW	87.53	315	iPc	08	00.00	-0.7
			iS	18	26.00	
VHO	87.86	66	eP	08	05.50	2.8
KRP	88.08	165	P	08	05.20	2.3
MUN	88.09	213	eP	08	04.00	0.9
EBR	88.17	342	eP	08	04.00	0.4
			ePP	11	30.00	
			eS	18	35.00	
NWAO	88.59	212	eP	08	06.00	0.6
PTO	89.39	349	iPc	08	11.00	1.6
			eS	18	38.00	
TOL	89.94	345	iPc	08	13.50	1.4
	1.3s	4.00nm				4.6mb X
			i	09	53.40	436kmX
			iPP	11	51.40	
			ePPP	13	40.40	
			iS	18	28.00	
			iPS	20	28.40	
			iSS	24	53.00	
MNG	90.70	166	P	08	14.60	-0.6
ALI	90.75	342	iP-	08	17.00	1.2

			ePP	11	45.00	
ALM	92.59	343	ePd	08	23.80	-0.5
SFS	93.63	346	iPc	08	49.00	19.9X
			i	09	42.00	215kmX
			ePP	12	18.00	
			iS	19	10.00	
			e	21	12.00	
			eSS	26	12.00	
ARO	96.24	295	iP+	08	42.80	1.3
AVE	96.92	346	iP	08	45.00	0.8
UPA	104.45	58	ePdiff	09	28.00	9.9X
	Z 20s		4.96um			6.0Msz
	N 20s		3.55um			
	E 20s		1.77um			
CAR	109.68	46	ePdiff	09	44.00	2.4X
	Z 20s		8.87um			6.3Msz
	N 20s		7.80um			
	E 20s		1.95um			
BOG	111.07	55	ePdiff	09	43.00	-5.0X
MTD	125.17	286	iPKPd	14	14.00	0.2
			ePP	16	09.00	
KRI	126.45	287	iPKPd	14	16.00	-0.4
			ePP	16	17.00	
SBA	126.61	177	iPKPc	14	16.10	1.3
			e	27	20.00	
BUL	129.54	285	iPKPd	14	22.80	0.6
			iPP	16	31.80	
			i	17	46.90	
ARE	129.56	67	ePKP	14	25.00	2.5X
LPB	131.66	64	iPKP	14	29.00	2.3X
BPI	134.20	280	ePKP	14	28.20	-2.8X
	0.8s	14.93nm				
KSR	134.73	282	ePKP	14	33.50	1.5
			i	17	03.30	
MAW	135.15	213	ePKP	14	32.00	0.8
BFS	135.51	281	ePKP	14	34.00	0.6
	1.0s	20.00nm				
			i	17	11.00	
VIR	136.26	279	e(PKP)	14	34.70	-0.1
YJA	137.54	66	e(PKP)	14	30.00	-7.8X
SOB1	137.91	26	e(PKP)	14	19.00	-19.1X
ITR	138.14	22	ePKP	14	27.30	-11.3X
			e	14	39.60	
			e	14	44.40	
WIN	138.48	294	e(PKP)	14	23.00	-16.2X
SPA	138.68	180	e(PKP)	14	30.50	-7.6X
	Z 19s		5.15um			6.3Msz
			e	17	45.00	
			e	26	22.00	
BAO	141.34	39	e(PKP)	14	36.60	-7.8X
SUR	143.02	280	iPKPd	14	43.80	-3.2X
	1.2s	106.25nm				
	Z 18s		10.82um			6.7Msz
TCA	144.65	76	ePKPc	14	46.80	-2.8X
VAO	148.28	44	ePKP	14	57.90	2.1X
RDJ	149.80	38	ePKP	14	59.20	1.2
LPA	151.20	74	ePKP+	15	01.00	1.2
	Z 20s		5.67um			6.4Msz
SNA	156.20	198	e(PKP)	15	09.00	3.4X
	S.D. = 1.0		on 335 of 393 obs.			

% MAY 02, 1985 10h 03m 23.93± 1.07s
39.569 N ±11.7km 29.401 E ±10.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.60	274	iPn	03	34.80	-1.3
ALT	0.75	133	ePn	03	38.90	0.2
YLV	1.00	359	iPn	03	42.00	-0.9
KCT	1.05	311	iPn	03	44.50	0.7
BNT	1.38	305	iPn	03	50.50	1.2
	S.D. = 1.5		on 5 of 5 obs.			

% MAY 02, 1985 11h 21m 03.48± 0.92s
40.104 N ± 9.0km 29.310 E ± 6.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.47	6	iPg	21	13.00	0.0
			iSg	21	19.50	
DST	0.72	227	iPg	21	17.80	0.1
			iSg	21	27.80	
GPA	0.79	76	ePn	21	18.80	0.0
BNT	1.09	284	iPn	21	24.50	0.5
EDC	1.13	283	ePn	21	24.20	-0.5
	S.D. = 0.5		on 5 of 5 obs.			

MAY 02, 1985 12h 30m 29.75± 0.35s
51.688 N ± 8.6km 176.724 W ± 3.2km
DEPTH = 60.0 ± 2.5 km
4.8mb (20 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
Felt (IV) on Adak.

AD4	0.06	79	P	30	37.25	-0.5
AD5	0.14	245	P	30	37.39	-0.5
AK5	0.16	318	P	30	38.75	-0.3
ADK	0.20	7	eP	30	39.30	0.0
AD3	0.23	76	P	30	38.50	-1.0
AD8	0.30	15	P	30	41.00	1.0
AD7	0.31	313	P	30	40.79	0.8
AD6	0.32	274	P	30	39.42	-0.7
AK4	0.47	287	P	30	42.85	1.4
AD2	0.49	64	P	30	41.54	-0.2
COL	19.91	37	eP	34	57.00	-1.6
	0.8s	16.79nm				4.4mb
INK	26.47	35	ePd	36	02.50	0.1
MBC	32.84	22	eP	37	00.00	1.0
	0.6s	12.00nm				4.9mb
YKA	34.08	47	eP	37	09.90	0.0
YKC	34.14	47	eP	37	10.00	-0.4
MAT	35.11	262	iPc	37	19.00	-0.1
PNT	35.61	71	eP	37	24.00	0.8
			pP	37	36.00	44kmX
EDM	37.53	62	eP	37	39.50	0.3
NEW	37.56	71	eP	37	40.70	1.1
			e	37	51.00	
CN2	38.76	282	eP	37	48.60	-1.0
SNY	41.00	280	iPd	38	09.00	0.9
HRY	41.44	70	eP	38	12.80	1.0
BMN	41.69	81	P	38	15.70	1.7
	0.8s	2.94nm				4.1mb
SXM	42.11	71	eP	38	18.10	0.7
EUR	43.03	82	iP	38	27.00	1.9
ISA	43.86	88	eP	38	30.00	-1.6
CLC	44.31	87	eP	38	35.00	-0.3
			e	40	19.00	
SBB	44.90	88	eP	38	40.00	0.0
			e	40	21.00	
BDW	44.97	74	P	38	41.40	0.7
	1.0s	20.20nm				4.9mb
			pP	38	52.90	41kmX
MWC	45.06	89	eP	38	43.00	1.6
GSC	45.14	87	eP	38	42.00	0.1
PLM	46.38	89	eP	38	53.00	1.1
TPC	46.39	88	eP	38	52.00	0.3
BJI	46.57	283	eP	38	53.50	0.5
BAR	46.95	90	eP	38	56.00	-0.2
RSSD	47.44	69	P	39	00.20	0.0
	0.7s	8.75nm				4.8mb
RMU	47.60	81	eP	39	01.70	0.3
GLA	47.85	88	eP	39	04.00	0.8
TIA	48.40	278	Pc	39	07.40	0.0
GOL	49.35	74	eP	39	15.90	0.9
	0.7s	3.88nm				4.5mb
			pP	39	22.20	21kmX
TIY	50.30	283	eP	39	23.00	0.9
ALQ	51.77	80	eP	39	33.00	-0.4
	1.0s	4.75nm				4.5mb
FRB	52.08	32	eP	39	34.00	-1.0
LHC	52.98	56	eP	39	41.00	-1.0
XAN	54.87	282	Pc	39	55.40	-0.7
LTX	57.33	83	iP	40	13.90	0.1
	0.5s	5.07nm				4.9mb
TUL	57.55	72	eP	40	14.70	-0.4
	0.9s	16.70nm				5.1mb
			e	40	26.00	
RLO	57.82	71	ePc	40	15.50	-1.6
			e	40	27.00	
JCT	58.90	79	eP	40	24.00	-0.7
	0.8s	5.60nm				4.7mb
SCH	58.98	39	eP	40	23.00	-2.0
BHO	59.15	72	eP	40	25.90	-0.4
FVM	59.24	67	eP	40	25.60	-1.4
	0.6s	36.41nm				5.7mb
CD2	60.17	283	Pc	40	33.50	0.0
GYA	61.57	277	Pd	40	42.80	-0.3
KJF	62.89	348	eP	41	04.00	12.8X
KMI	64.96	279	Pc	41	05.50	0.0
NB2	67.44	356	P	41	20.40	-0.2
	0.6s	1.10nm				4.0mb
HFS	68.22	354	eP	41	24.60	-0.7
	0.5s	1.70nm				4.3mb
CHG	71.99	278	eP	41	49.00	0.1

02d 12h

CHTO 71.99 278 eP 41 49.00 0.1
1.0s 7.25nm 4.8mb
KKN 73.37 294 eP 41 57.80 0.7
0.7s 18.00nm 5.1mb
PKI 73.46 293 eP 41 58.30 0.5
0.7s 10.00nm 4.9mb
DMN 73.60 294 eP 41 59.30 0.7
0.8s 12.00nm 4.9mb
WB2 83.14 226 eP 42 39.80 -10.4X
WRA 83.15 226 Pd 42 48.30 -2.0
0.7s 3.50nm 4.5mb
PSI 84.39 267 ePd 42 57.40 0.7
0.8s 28.50nm 5.4mb
HYB 85.31 292 ePd 43 02.00 0.6
GBA 88.99 291 Pd 43 18.90 -0.3
0.7s 6.20nm 5.0mb
KIC 121.77 9 ePKP 49 18.30 -0.1
MAW 147.52 218 ePKP 50 07.00 2.8X
EVA 148.17 312 iPKPc 50 10.80 4.0X
0.7s 27.40nm
BPI 148.36 314 ePKP 50 06.60 -0.6
0.9s 26.89nm
KSR 148.59 316 ePKP 50 11.50 4.0X
0.9s 16.92nm
WIN 149.02 335 ePKP 50 07.00 -1.3
0.8s 14.93nm
BFS 149.54 315 ePKP 50 13.30 4.4X
1.0s 60.00nm
VIR 150.52 314 iPKPc 50 15.70 5.4X
0.6s 29.33nm
S.D. = 0.9 on 69 of 76 obs.

MAY 02, 1985 12h 52m 29.33± 0.23s
56.122 N ± 5.2km 163.353 E ± 3.5km
DEPTH = 33.0km (normal)
5.2mb (59 obs.) 4.6Msz (1 obs.)
NEAR EAST COAST OF KAMCHATKA (218)

SMY 7.13 114 eP 54 12.00 -1.9
TTA 21.39 55 eP 57 15.70 -0.2
IMA 22.55 46 eP 57 28.00 0.6
BRW 22.67 32 P 57 29.40 1.0
KDC 23.83 68 eP 57 39.10 -0.7
PMR 24.70 58 P 57 45.50 -2.7
PME 24.75 57 eP 57 49.00 0.4
1.0s 47.50nm 5.0mb
COL 24.97 50 eP 57 51.00 0.2
0.9s 7.98nm 4.3mb
FBA 24.97 50 eP 57 50.10 -0.7
1.0s 60.00nm 5.1mb
MAT 25.92 232 iPc 57 59.30 -0.6
0.7s 61.64nm 5.3mb
Z 20s 1.77um 4.6Msz
eS 02 27.00
INK 30.33 41 iPc 58 39.10 -0.3
0.7s 26.00nm 5.1mb
MBC 33.50 25 iPc 59 06.60 -0.5
0.9s 42.00nm 5.4mb
BJI 34.60 263 eP 59 17.00 0.1
N 20s 2.90um
E 19s 2.10um
ALE 39.66 8 eP 59 59.00 -0.1
0.9s 13.00nm 4.7mb
YKA 39.67 46 eP 59 59.60 0.3
YKC 39.73 46 eP 00 00.00 0.2
1.0s 15.00nm 4.7mb
LZH 44.27 269 eP 00 38.50 1.0
1.5s 73.00nm 5.3mb
E 13s 1.90um
PNT 44.87 65 eP 00 42.00 0.1
EDM 45.47 57 eP 00 46.50 -0.2
0.7s 38.00nm 5.4mb
NEW 46.81 64 eP 00 57.00 -0.3
DAG 47.37 1 iPd 01 00.00 -1.3
0.7s 14.38nm 5.1mb
WDC 49.18 75 eP 01 17.00 1.2
GAS 49.74 76 P 01 21.30 1.0
KEV 50.53 342 iP 01 24.80 -0.9
0.6s 13.00nm 5.1mb
eSS 12 44.00
LRM 50.82 64 eP 01 28.10 -0.5
BMN 52.15 72 P 01 39.10 0.5
JAS1 52.23 76 eP 01 40.00 0.9
SOD 52.69 341 iP 01 38.60 -3.5X
MNA 53.09 74 e(P) 01 42.00 -3.6X
KMI 53.21 261 eP 01 48.50 1.8
EUR 53.50 72 iP 01 49.50 0.8
0.5s 2.39nm 4.4mb
FRB 53.96 26 ePc 01 49.50 -1.9
1.0s 71.00nm 5.6mb
BDW 54.44 65 P 01 56.00 0.4
1.0s 10.50nm 4.8mb
KJF 55.27 338 iP 02 00.50 -0.6
0.7s 29.40nm 5.4mb
i 02 06.40 19kmX
eSS 14 16.00
RSSD 56.19 60 eP 02 08.50 0.2
1.0s 10.50nm 4.8mb
pP 03 06.50 262kmX
SUF 56.91 338 iP 02 11.60 -1.3
0.8s 27.90nm 5.3mb
GOL 58.84 64 eP 02 29.00 2.0
0.7s 1.21nm 4.1mb X
GLA 58.89 76 eP 02 28.00 0.8
NUR 59.22 338 iP 02 27.80 -1.2
0.9s 33.80nm 5.5mb
Z 17s 0.50um 4.7MszX
i 02 34.80 23kmX
eS 10 44.00
eSS 14 56.00
LR 32 40.00
LHC 59.58 48 eP 02 31.00 -0.7
CHG 60.35 259 eP 02 37.00 -0.3
CHTO 60.35 259 eP 02 35.90 -1.4
KKN 60.87 277 iPd 02 39.30 -1.7
PKI 60.97 277 iPd 02 39.90 -1.9
0.9s 57.00nm 5.7mb
DMN 61.11 277 iPd 02 41.10 -1.6
0.9s 63.00nm 5.7mb
NB2 61.13 345 P 02 40.60 -1.6
1.0s 25.90nm 5.3mb
UPP 61.21 341 iP 02 41.00 -1.6
HFS 61.62 343 eP 02 43.60 -1.8
0.8s 10.70nm 5.0mb
Z 14s 0.63um 4.9MszX
LR 25 45.00
ALQ 61.91 69 eP 02 48.00 0.0
1.0s 8.00nm 4.8mb
SCH 62.11 30 eP 02 47.00 -1.8
NDI 64.61 284 eP 03 04.00 -1.6
TUL 66.54 60 eP 03 17.60 -0.2
1.5s 34.00nm 5.2mb
RLO 66.70 60 ePd 03 18.60 -0.3
OTT 67.35 41 eP 03 22.00 -0.8
FVM 67.41 55 e(P) 03 22.20 -1.1
0.6s 29.26nm 5.6mb
LTX 67.77 70 eP 03 26.40 0.6
0.8s 11.97nm 5.0mb
pP 03 31.20 15kmX
MNT 68.02 39 iP 03 25.50 -1.5
BHO 68.21 61 eP 03 28.50 0.1
EKA 68.36 352 Pd 03 28.80 -0.2
0.9s 37.40nm 5.5mb
RSNY 68.51 41 eP 03 29.00 -1.1
0.8s 7.04nm 4.8mb
JCT 68.87 67 eP 03 31.50 -1.0
0.9s 25.21nm 5.3mb
QUE 68.87 293 eP 03 31.00 -1.8
KRA 69.91 336 eP 03 39.40 0.9
0.7s 29.00nm 5.5mb
Z 15s 2.60um 5.6MszX
N 15s 1.70um
E 15s 1.70um
e 03 43.70 14kmX
KSP 69.96 338 iPd 03 38.90 0.1
DMU 70.05 354 iPc 03 39.00 -0.3
CLL 70.16 341 iPd 03 40.70 0.7
1.9s 58.00nm 5.3mb
BRG 70.40 340 iP 03 41.80 0.3
1.1s 18.00nm 5.0mb
i 03 47.00 17kmX
DCN 70.63 354 eP 03 42.50 -0.3
DLE 70.64 354 iPc 03 42.60 -0.3
0.9s 120.00nm 6.0mb
SPC 70.65 335 eP 03 43.20 -0.1
MOX 71.04 341 eP 03 46.00 0.5
1.8s 54.00nm 5.3mb
PRU 71.12 339 P 03 46.20 0.3
Z 15s 1.00um 5.2MszX
N 16s 0.50um
E 14s 0.60um
JOS 71.23 335 eP 03 47.00 0.5
RSCP 71.57 53 eP 03 48.60 -0.3
ENN 71.84 345 eP 03 50.50 0.3
1.0s 21.00nm 5.1mb
MEM 71.99 345 P 03 50.60 -0.4
GRF 72.03 341 eP 03 52.60 1.2
1.6s 76.00nm 5.4mb
VRI 72.05 330 eP 03 52.00 0.5
KHC 72.13 340 P 03 52.60 0.6
1.0s 17.50nm 5.0mb
e 04 18.00 99kmX
e 06 33.10
IR2 72.14 308 eP 03 53.00 0.6
CFR 72.26 328 ePd 03 53.00 0.3
ZST 72.29 337 iP 03 54.30 1.4
MLR 72.61 330 ePd 03 55.50 0.5
DOU 72.69 346 P 03 56.00 0.8
ISR 72.77 330 eP 03 58.00 2.2
HYB 72.85 276 eP 03 54.50 -2.2
1.0s 30.00nm 5.2mb
CMP 73.07 331 ePc 03 56.00 -1.5
BUH 73.53 343 eP 04 00.80 0.6
PSN 73.62 328 eP 04 02.00 1.4
PSI 73.73 250 eP 04 00.00 -1.7
MTN 73.80 213 iPd 04 02.30 0.3
0.5s 10.00nm 5.1mb
CLO 73.85 332 ePc 04 01.00 -1.0
CDF 73.93 344 eP 04 02.60 0.0
0.9s 11.10nm 4.9mb
KBA 74.14 339 iP 04 04.80 0.9
1.6s 111.00nm 5.6mb
i 04 08.50
i(pP) 04 29.80 96kmX
HAU 74.47 344 eP 04 05.30 -0.4
POO 74.55 280 iPc 04 05.50 -1.0
0.9s 46.22nm 5.5mb
BSF 74.58 344 eP 04 05.90 -0.5
FLN 74.62 349 eP 04 05.90 -0.5
0.9s 24.20nm 5.2mb
LDF 74.75 349 eP 04 06.70 -0.5
0.9s 13.10nm 4.9mb
PVL 74.99 330 iPd 04 09.00 0.4
GRR 75.03 349 eP 04 08.50 -0.3
0.8s 28.40nm 5.3mb
JMB 75.20 328 iPc 04 13.00 3.1X
LPF 75.40 349 eP 04 10.90 0.0
DMK 75.44 327 eP 04 11.00 -0.3
CTI 75.46 340 eP 04 11.00 -0.5
LOR 75.56 346 eP 04 11.60 -0.3
1.0s 12.80nm 4.9mb
GRC 75.64 346 iPd 04 13.40 1.1
SSF 75.81 346 eP 04 13.10 -0.2
DIM 75.88 329 iP 04 15.00 1.3
VTS 76.04 331 iP 04 14.00 -0.6
GPA 76.04 325 iP 04 14.40 -0.3
TRT 76.05 232 iPd 04 14.50 -0.5
YLV 76.09 326 iP 04 15.40 0.4
AVF 76.09 346 eP 04 14.70 -0.2
1.0s 15.40nm 5.0mb
SMF 76.17 346 eP 04 15.10 -0.2
1.0s 8.80nm 4.7mb
KDZ 76.32 329 iPd 04 17.00 0.8
ORO 76.53 343 e(P) 04 19.00 1.5
GBA 76.56 274 Pd 04 16.40 -1.5
0.8s 29.50nm 5.4mb
KCT 76.70 326 iP 04 19.40 1.0
MFF 76.71 348 eP 04 18.30 -0.1
0.8s 11.80nm 5.0mb
BNT 76.73 327 iPd 04 19.00 0.4
TCF 76.74 347 eP 04 18.50 0.0
1.1s 12.20nm 4.8mb
MZF 76.76 346 eP 04 19.00 0.3
1.0s 11.10nm 4.8mb
MMB 76.83 330 iPd 04 20.00 0.9
KGT 76.84 327 eP 04 19.40 0.3
LSF 76.86 347 eP 04 19.10 -0.1
0.9s 11.20nm 4.9mb
SKO 77.10 332 eP 04 21.80 1.3
DST 77.20 326 iP 04 20.80 -0.4
CTA 77.28 196 iPd 04 23.40 1.7
1.7s 73.08nm 5.4mb
VAY 77.40 331 iP 04 22.40 0.2
OHR 78.07 332 eP 04 24.70 -1.3
CAF 78.10 347 eP 04 26.70 0.6
LFF 78.25 347 eP 04 27.50 0.7
LPO 78.45 347 eP 04 28.40 0.5
0.9s 17.60nm 5.1mb
AQU 78.65 338 iPd 04 31.90 2.7
MNS 78.77 338 eP 04 30.00 0.3
LRG 78.91 343 eP 04 31.20 0.8

02d 13h

	1.1s 27.40nm 5.2mb					
KOD	79.29 272 ePcP	04	33.00	-0.4		
CVF	79.34 341 ePcP	04	33.00	0.1		
	0.9s 27.20nm 5.2mb					
WB2	79.64 208 ePcP	04	34.80	0.2		
WRA	79.64 208 Pc	04	34.90	0.3		
	1.1s 11.80nm 4.8mb					
MLS	80.16 347 ePcP	04	37.70	0.5		
ORI	80.16 335 e(P)	04	38.00	0.8		
EPF	80.18 347 ePcP	04	37.50	0.1		
JER	81.99 317 ePcP	04	45.50	-1.6		
GVI	82.22 318 ePcP	04	50.00	1.8		
EBR	82.34 347 ePcP	04	51.00	2.4		
ASPA	83.31 207 ePcP	04	55.00	1.2		
PRNI	83.34 317 ePcP	04	55.00	1.0		
TOL	83.77 350 ePcP	04	58.50	2.4		
CRT	86.39 350 ePcP	05	01.40	-7.9X		
WBN	87.70 213 iPd	05	16.90	1.5		
SOB1	129.48 32 e(PKP)	11	21.00	-15.2X		
ITR	129.75 28 e(PKP)	11	36.00	-0.7X		
SBA	133.73 179 e(PKP)	11	42.50	0.1		
SPA	145.94 180 ePKP	12	05.90	1.0		
	1.0s 20.00nm					
	S.D. = 1.0 on 150 of 156 obs.					
?	MAY 02, 1985 13h 18m 59.95± 4.00s					
	39.752 N ±43.8km 29.542 E ±11.9km					
	DEPTH = 10.0km (geophysicist)					
	TURKEY (366)					
GPA	0.80 47 IPn	19	15.40	-0.1		
YLV	0.82 351 IPg	19	05.40	-10.5X		
KCT	1.04 299 ePn	19	19.40	-0.1		
BNT	1.38 296 iPn	19	24.90	-0.4		
EDC	1.42 295 ePn	19	24.70	-1.1		
KGT	1.85 293 ePn	19	33.40	1.4		
DMK	2.47 327 ePn	19	41.10	0.2		
	S.D. = 1.0 on 6 of 7 obs.					
•	MAY 02, 1985 13h 43m 43.35± 0.80s					
	17.137 S ±16.4km 176.946 W ±13.4km					
	DEPTH = 33.0km (normal)					
	4.6mb (2 obs.)					
	FIJI ISLANDS REGION (181)					
VUN	4.46 258 ePc	44	51.00	0.5		
KRP	21.74 196 P	48	34.00	0.2		
CTA	34.95 259 IPc	50	35.50	0.9		
	1.5s 41.67nm 5.1mb					
WB2	46.14 259 ePcP	52	05.70	-1.1		
WRA	46.15 259 P	52	07.00	0.1		
	0.9s 2.40nm 4.1mb					
ASPA	46.35 253 ePcP	52	07.00	-1.4		
WBN	52.92 250 ePcP	52	59.00	0.1		
SPA	72.97 180 e(P)	55	11.00	-0.4		
COL	84.76 12 ePcP	56	14.00	-1.1		
SPC	145.12 340 e(PKP)	03	22.00	2.7X		
BRG	145.23 348 e(PKP)	03	28.00	8.9X		
MLR	145.87 331 iPKPc	03	21.50	0.9		
PRU	145.94 347 PKP	03	21.60	1.2		
	e	03	31.00			
KHC	146.96 347 PKPc	03	25.60	3.5X		
	S.D. = 1.0 on 11 of 14 obs.					
&	MAY 02, 1985 15h 20m 00.08s					
	37.253 N 116.325 W					
	DEPTH = 0.0km					
	5.7mb (81 obs.) 4.7Msz (1 obs.)					
	SOUTHERN NEVADA (41)					
	<DOE>. ML 5.4 (BRK). 37° 15'					
	12.26" N., 116° 19' 30.75" W.,					
	Surface Elev. 2112 m., Depth of					
	Burial 661 m.. Ssot Time					
	152000.083, "TOWANDA", Nevada					
	Test Site (Dept. of Energy).					
BGB	0.23 160 P	20	05.00	0.4		
YMT1	0.43 202 P	20	09.20	0.5		
KRNA	0.49 355 P	20	10.40	0.6		
OCS	0.61 32 P	20	11.80	-0.4		
TMO	0.98 243 P	20	18.80	-0.9		
PRN	1.03 81 P	20	19.40	-1.2		
SHRG	1.20 128 P	20	22.00	-1.5		
TIN	1.53 263 IPc	20	28.80	-0.1		
CWC	1.62 240 IP	20	29.80	-0.4		
CLC	1.76 216 iPc	20	31.50	-0.6		
VPEM	1.77 223 P	20	32.10	-0.2		
MNA	1.87 310 iPc	20	33.30	-0.5		
GSC	1.99 191 IPc	20	34.70	-0.7		
EUR	2.24 7 iP	20	39.00	-0.3		
ISA	2.35 228 iPd	20	40.30	-0.3		
SDW	2.71 193 P	20	45.10	-0.7		
FRI	2.72 266 iPc	20	45.20	-0.6		
SBB	2.83 206 iPc	20	46.50	-1.1		
TPC	3.15 176 iPd	20	50.90	-1.0		
BMN	3.25 348 P	20	52.70	-0.8		
JAS1	3.32 283 iPc	20	53.60	-0.8		
MWC	3.33 206 iPc	20	54.20	-0.6		
HAY	3.58 171 iPc	20	56.80	-1.3		
PRI	3.66 254 iPbc	20	58.50	-0.8		
LLA	3.75 262 ePbc	21	00.80	0.2		
SAO	4.13 265 iPd	21	04.80	-1.0		
PRS	4.15 259 iPbc	21	05.00	-1.1		
MHC	4.24 273 iPc	21	06.90	-0.6		
SLBC	4.31 191 iP	21	07.40	-1.0		
	ePg	21	20.30			
GLA	4.37 163 P	21	07.80	-1.5		
GCC	4.54 269 e(P•)	21	10.30	-1.3		
ORV	4.67 301 iPc	21	12.10	-1.4		
BKS	4.74 279 ePnc	21	13.30	-1.2		
	ePb	21	23.50			
BRK	4.76 279 iPbc	21	13.50	-1.3		
ZSP	4.76 280 iPd	21	14.60	-0.2		
PCC	4.83 275 ePb	21	14.00	-1.8		
MIN	5.15 308 ePcP	21	19.60	-0.9		
WDC	5.87 306 iPc	21	28.90	-1.6		
BDW	7.57 41 P	21	54.40	-0.2		
ALQ	8.31 103 ePcP	22	02.00	-3.0		
COR	9.03 326 iPd	22	17.00	2.4		
LRM	9.04 18 iPc	22	16.20	1.1		
BUT	9.19 17 ePc	22	19.00	1.9		
SXM	9.67 22 ePc	22	25.40	1.6		
HRY	10.02 18 ePc	22	29.20	0.7		
CLX	10.98 4 iPd	22	42.00	0.3		
	eS	25	59.60			
LHD	11.01 3 iPc	22	43.20	1.2		
	eS	25	56.00			
NEW	11.02 357 ePcP	22	42.00	-0.1		
	eLg	25	56.00			
LDM	11.22 3 iPc	22	45.70	0.9		
	eS	26	05.30			
YKM	11.61 2 iPd	22	51.40	1.2		
	eS	26	21.30			
RXF	11.64 4 iPd	22	51.50	0.9		
	eS	26	16.70			
PNT	12.29 350 ePcP	23	00.00	0.7		
	1.1s 196.00nm 6.3mb					
PGC	12.52 338 ePcP	23	07.00	4.7		
LTX	13.20 123 P	23	12.30	0.7		
OCO	15.28 91 ePd	23	39.70	0.9		
JCT	15.29 111 iP	23	39.50	0.6		
	1.0s 130.00nm 5.3mb					
PHC	15.62 333 ePcP	23	43.50	0.5		
EDM	16.10 6 ePcP	23	48.00	-1.4		
TUL	16.55 88 ePd	23	54.40	-0.7		
	1.2s 227.30nm 5.2mb					
	Z 18s 2.65um					
	N 17s 0.26um					
	E 17s 1.07um					
RLO	17.11 87 ePd	24	01.50	-0.8		
BHO	17.63 93 ePcP	24	08.00	-0.8		
FFC	20.05 25 iPc	24	35.20	-2.3		
	0.8s 445.00nm 5.8mb					
CHI	22.54 69 P	25	02.50	-0.5		
LHC	22.64 52 ePcP	25	02.50	-1.4		
	1.1s 285.00nm 5.7mb					
IIC	22.92 135 ePc	25	08.00	0.7		
TPM	23.66 136 iPc	25	15.50	1.3		
III	23.93 137 ePc	25	17.50	0.6		
RSCP	24.74 84 P	25	24.10	-0.4		
RSNT	25.28 2 P	25	27.80	-1.5		
YKC	25.28 2 ePc	25	27.50	-1.8		
	0.9s 91.00nm 5.5mb					
YKA	25.29 2 ePcP	25	28.00	-1.4		
UTO	25.58 70 iPc	25	31.20	-1.1		
VHO	26.38 134 ePd	25	42.00	1.9		
BLA	28.48 79 ePcP	25	58.10	-0.9		
	1.0s 108.00nm 5.6mb					
OTT	31.29 62 ePcP	26	22.00	-1.9		
KDC	31.33 323 ePcP	26	24.50	0.5		
PME	31.76 331 ePcP	26	27.40	-0.4		
	1.2s 85.90nm 5.6mb					
PMR	31.78 331 P	26	27.90	-0.1		
	1.0s 60.00nm 5.5mb					
RSNY	32.14 64 P	26	30.20	-1.2		
	1.0s 65.00nm 5.5mb					
INK	32.53 348 iPc	26	32.90	-1.5		
	1.1s 41.00nm 5.3mb					
MNT	32.76 62 iP	26	35.00	-1.7		
	1.2s 117.00nm 5.7mb					
COL	33.34 336 iP	26	40.90	-0.6		
	1.2s 132.81nm 5.7mb					
FBA	33.34 336 ePcP	26	40.10	-1.4		
TTA	35.22 330 ePcP	26	57.30	-0.6		
GCM	35.34 111 P	26	59.00	-0.2		
IMA	36.00 335 ePcP	27	04.10	-0.4		
SCH	37.70 46 ePcP	27	16.50	-2.3		
FRB	38.89 32 iPc	27	27.30	-1.3		
	0.7s 82.00nm 5.5mb					
MBC	39.11 359 iPc	27	29.60	-0.7		
	0.8s 48.00nm 5.2mb					
	pP	27	41.00	41kmX		
BRW	39.96 341 ePcP	27	36.60	-0.9		
UPA	43.55 121 ePc	28	05.20	-2.3		
	1.0s 30.00nm 5.0mb					
GDH	46.12 26 iPd	28	26.90	-0.5		
	1.2s 125.00nm 5.8mb					
	e	30	10.00			
SJG	47.76 99 iPc	28	39.80	-1.2		
ALE	48.75 8 ePc	28	45.40	-2.5		
	0.6s 17.00nm 5.3mb					
BMG	49.42 116 iP	28	54.00	0.0		
SDV	49.96 113 ePcP	28	57.50	-0.8		
TOV	50.00 111 iPc	28	58.50	0.1		
	0.7s 92.30nm 5.8mb					
BOG	50.44 120 ePcP	29	02.00	-0.1		
PSO	50.77 126 ePcP	29	04.50	-0.1		
CAR	51.69 108 iPd	29	10.30	-1.0		
	0.8s 104.48nm 5.8mb					
DAG	55.78 16 iPd	29	37.10	-3.5		
	0.6s 22.00nm 5.4mb					
	i	29	56.00			
RUV	59.80 215 iP	30	09.20	-0.3		
	1.2s 130.00nm 5.9mb					
VAH	59.96 215 iP	30	10.20	-0.4		
	1.2s 100.00nm 5.8mb					
PPN	62.79 216 iP	30	30.10	0.4		
	1.2s 80.00nm 5.8mb					
PPT	62.89 216 iP	30	30.90	0.5		
	1.2s 100.00nm 5.9mb					
AFR	62.96 216 iP	30	31.20	0.4		
	1.2s 85.00nm 5.9mb					
ARE	68.09 133 iPc	31	04.00	-0.3		
DLE	71.34 37 iPc	31	21.10	-2.3		
	1.3s 130.00nm 5.9mb					
EKA	71.62 34 Pd	31	22.70	-2.4		
	1.4s 54.30nm 5.5mb					
ECB	71.79 37 ePcP	31	23.50	-2.6		
	1.3s 230.00nm 6.1mb					
ETA	71.87 37 ePcP	31	24.20	-2.4		
	1.4s 150.00nm 5.9mb					
SOD	71.98 14 iP	31	24.50	-2.5		
CCH	72.00 130 P	31	26.10	-2.1		
ECP	72.11 37 ePcP	31	25.20	-2.8		
	1.5s 205.00nm 6.0mb					
NB2	73.15 24 P	31	31.90	-2.2		
	0.7s 15.80nm 5.2mb					
HFS	74.63 23 iPc	31	40.50	-2.1		
	0.6s 55.20nm 5.8mb					
KJF	74.97 15 iP	31	42.20	-2.3		
	0.8s 38.10nm 5.5mb					
SUF	75.92 17 iPc	31	47.50	-2.4		
	0.7s 11.60nm 5.1mb					
YJA	76.05 132 ePc	31	50.80	-1.0		
UPP	76.06 22 iP	31	48.40	-2.3		
FLN	77.19 38 iPc	31	56.20	-1.1		
	1.2s 123.90nm 5.9mb					
GRR	77.26 38 iPc	31	56.70	-0.9		
	0.9s 50.30nm 5.6mb					
LPF	77.41 38 iPc	31	57.40	-1.1		
	1.2s 136.80nm 6.0mb					
NUR	77.46 19 iP	31	56.80	-1.7		
	0.8s 22.00nm 5.3mb					
LDF	77.48 38 iPc	31	57.80	-1.1		
	1.1s 84.90nm 5.8mb					
WIT	77.57 31 ePcP	32	00.00	0.8		
UCC	78.03 34 Pc	32	01.80	0.0		
WTS	78.23 32 ePc	32	02.00	-0.9		
	1.1s 65.00nm 5.6mb					
TSK	78.28 307 ePcP	32	02.30	-1.2		
DOU	78.64 34 Pc	32	04.20	-1.0		

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        0.9s   125.00nm              6.0mb
ENN     78.74  33 iPd   32 05.00  -0.7
        1.1s   108.00nm              5.8mb
                  e     32 46.50
MFF     78.82  39 iPc   32 05.30  -1.0
        1.1s    84.90nm              5.7mb
MEM     78.89  33 iPd   32 06.10  -0.4
DDR     78.99 307 eP    32 06.30  -1.2
MDJ     79.09 318 eP    32 06.50  -1.3
SRY     79.18 307 eP    32 07.10  -1.4
MAT     79.28 308 iPc   32 07.60  -1.4
        1.0s   107.00nm              5.8mb
     Z  20s     0.35um               4.7Msz
OYM     79.32 306 eP    32 10.30   1.0
WLF     79.65  34 iPc   32 09.80  -0.8
LSF     79.90  39 iPc   32 10.70  -1.5
        1.2s    68.80nm              5.5mb
GRC     79.92  37 iPc   32 10.80  -1.4
TCF     80.22  38 iPc   32 12.50  -1.4
        1.2s    66.10nm              5.5mb
TNS     80.23  32 ePd   32 13.80  -0.1
SSF     80.30  37 iPc   32 13.10  -1.2
        1.3s   118.40nm              5.7mb
LOR     80.32  37 iPc   32 13.40  -1.0
        1.2s   185.90nm              5.9mb
BGF     80.34  38 iPc   32 13.20  -1.3
        0.8s    44.00nm              5.5mb
AVF     80.42  37 iPc   32 13.40  -1.5
        1.3s   133.10nm              5.8mb
LFF     80.42  40 iPc   32 14.00  -0.9
        0.9s    58.80nm              5.6mb
MZF     80.45  38 iPc   32 13.80  -1.3
        1.3s   132.50nm              5.8mb
RJF     80.56  39 iPc   32 14.40  -1.3
        1.1s    65.40nm              5.5mb
LBF     80.58  37 iPc   32 14.40  -1.4
        1.0s    62.90nm              5.6mb
SMF     80.76  37 iPc   32 15.30  -1.4
        1.2s   104.60nm              5.7mb
LPO     80.82  40 iPc   32 16.10  -1.0
        1.3s   101.00nm              5.7mb
CAF     81.10  39 iPc   32 17.30  -1.3
        0.9s    76.70nm              5.7mb
MOX     81.23  31 iPc   32 18.00  -1.1
        1.1s    58.00nm              5.5mb
                  e     34 08.50
                  ePP   35 23.00
TOL     81.25  46 eP    32 18.00  -1.4
CLL     81.27  29 iPc   32 17.80  -1.5
        1.2s    61.00nm              5.5mb
BUH     81.30  34 eP    32 18.60  -0.9
EPF     81.53  41 iPc   32 19.70  -1.2
        1.1s    42.40nm              5.4mb
HOF     81.59  31 iPc   32 19.60  -1.4
        1.2s    71.00nm              5.6mb
ROCH    81.65 143 eP    32 20.60  -1.1
GRF     81.80  31 eP    32 22.00  -0.1
        1.0s    63.00nm              5.7mb
CN2     81.81 320 Pc    32 20.60  -1.6
BRG     81.98  29 iPc   32 21.90  -1.1
        1.2s    57.00nm              5.6mb
                  i     32 41.90
SLE     82.09  34 eP    32 22.70  -1.0
ZUL     82.26  34 eP    32 23.80  -0.8
PCH     82.42 143 ePc   32 25.10  -0.4
MDZ     82.64 141 i(P)  32 28.00   1.4
EMS     82.64  36 eP    32 25.90  -0.9
DIX     82.86  36 eP    32 27.80  -0.2
KSP     82.90  28 iPc   32 26.60  -1.2
                  e     35 32.00
WET     82.91  31 eP    32 26.70  -1.2
        1.3s    60.00nm              5.7mb
PRU     82.91  29 Pc    32 26.80  -1.1
        1.3s    43.30nm              5.5mb
BAO     82.97 116 P     32 26.40  -2.4
LLS     83.00  34 eP    32 28.30  -0.3
FUR     83.00  32 eP    32 27.90  -0.5
        1.2s   148.00nm              6.1mb
MMK     83.14  35 eP    32 29.90   0.5
EBR     83.15  43 eP    32 28.00  -1.2
KHC     83.21  30 iPc   32 28.50  -1.0
        1.1s    50.00nm              5.7mb
                  e     33 22.70
                  e     35 39.20
CRT     83.30  48 eP    32 29.50  -0.7
ORO     83.46  36 eP    32 30.00  -0.9
VDL     83.50  34 eP    32 31.10  -0.1
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AVE     83.53  53 iP       32 30.50  -0.8
OSS     83.65  34 eP       32 31.30  -0.6
OGA     83.90  33 iPc      32 32.60  -0.6
        1.3s    64.00nm              5.7mb
SHK     84.03 309 iPc      32 33.10  -0.8
BHG     84.03  32 eP       32 33.00  -0.6
        1.3s   133.00nm              6.0mb
SOB1    84.13 106 iPc      32 34.30  -0.3
        1.0s    30.30nm              5.5mb
                  e        32 41.10
                  e        32 46.70
SNY     84.18 319 Pc       32 34.40   0.0
LRG     84.30  38 iPc      32 34.30  -0.7
        0.9s    38.90nm              5.6mb
FRF     84.36  38 iPc      32 34.40  -1.0
        1.0s    91.60nm              6.0mb
LMR     84.46  38 iPc      32 35.00  -0.9
        1.1s   101.20nm              6.0mb
SAL     84.64  34 iPd      32 36.00  -0.7
KBA     84.73  32 iPc      32 35.40  -2.0
        1.2s    62.50nm              5.7mb
                  i        32 40.20
                  i        33 09.50
CTI     84.80  33 eP       32 37.00  -0.7
KRA     84.88  27 iPd      32 36.90  -0.9
        1.3s   164.00nm              6.1mb
                  e        32 46.40
ZST     85.36  29 iP       32 40.00  -0.2
SOP     85.56  30 iPd      32 41.00  -0.3
        1.4s   120.90nm              5.9mb
SPC     85.72  27 iPc      32 42.00  -0.3
ITR     85.75 104 iPc      32 42.20  -0.5
        1.2s    53.30nm              5.6mb
                  i        32 45.70
                  i        32 48.30
                  e        32 52.30
VOY     85.79  32 e(P)     32 41.00  -1.6
                  i        32 41.50
LJU     86.05  32 e(P)     32 41.40  -2.4
SRO     86.14  29 iP       32 44.00  -0.1
JOS     86.40  27 ePc      32 44.70  -0.8
        1.2s    40.30nm              5.5mb
AQU     88.48  35 eP       32 53.00  -2.7
VAO     88.57 120 eP       32 55.40  -0.9
GUA     88.74 286 eP       32 54.90  -2.3
        0.8s    77.61nm              6.0mb
PJG     88.75 286 eP       32 54.90  -2.3
GUMO    88.75 286 eP       32 54.90  -2.3
BJI     89.24 322 eP       32 58.00  -1.2
CLO     90.13  28 ePc      33 01.00  -2.4
HHC     90.76 326 Pc       33 06.20  -0.3
VRI     90.82  25 ePc      33 05.00  -1.5
MLR     90.89  26 eP       33 05.50  -1.5
BTO     91.65 327 eP       33 10.00  -0.6
TIA     91.71 319 Pd       33 10.20  -0.6
CFR     91.90  24 eP       33 10.00  -1.5
TIY     92.87 323 eP       33 16.00  -0.2
VAY     93.23  30 iP       33 16.00  -1.7
SSE     93.32 314 P        33 17.20  -1.0
        1.2s    53.00nm              5.8mb
NJ2     93.93 316 eP       33 19.20  -1.8
XAN     97.51 324 eP       33 36.00  -1.4
WB2    116.92 265 iPKPc    38 46.70  -2.1
ASPA   119.22 261 ePKP     38 50.00  -3.1
SPA    127.07 180 ePKP     39 06.60  -0.4
        1.2s    19.01nm
GBA    127.78 343 PKPc     39 07.90  -1.8
        1.1s    19.90nm
WIN    137.48  83 ePKP     39 12.50 -15.7
KRI    143.76  65 ePKP     39 34.00  -5.4
SUR    144.70  95 iPKPc    39 37.70  -3.0
        0.7s   156.16nm
BUL    145.09  71 iPKPc    39 39.30  -2.3
        1.0s    95.00nm
MTD    145.14  63 iPKPc    39 40.00  -1.7
SYO    145.55 165 iPKP     39 39.70  -1.0
TET    146.10  60 iPKP     39 44.00   0.8
KSR    146.86  81 iPKPc    39 44.70   0.2
        1.0s    95.00nm
BFS    147.26  82 iPKPc    39 45.30   0.3
        0.7s   116.44nm
VIR    147.85  84 e(PKP)39 47.20   1.2
BPI    147.90  80 ePKP     39 43.70  -2.4
        1.0s    72.00nm
NPA    149.06  51 ePKP     39 49.00   1.0
MAW    149.60 179 ePKP     39 50.00   2.8
       239 obs. associated
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  MAY 02, 1985  15h 56m 32.46± 0.56s
   1.565 N ± 3.3km  126.416 E ± 4.3km
  DEPTH =  46.3 ±  5.1 km
  5.3mb ( 24 obs.)  4.9Msz (  1 obs.)
 MOLUCCA PASSAGE                    (266)
    CENTROID, MOMENT TENSOR         (HRV)
    Data Used: GDSN
    L.P.B.: 10S, 18C
    Centroid Location:
    Origin Time          15:56:32.2 1.0
    Lat  1.77N 0.08 Lon 126.27E 0.09
    Dep  37.8 5.3 Half-duration  2.1
    Moment Tensor; Scale 10**24 D-CM
      Mrr= 2.36 0.27  Mtt=-0.16 0.20
      Mff=-2.20 0.31  Mrt=-1.08 0.31
      Mrf= 0.94 0.31  Mtf= 0.12 0.32
     Principal Axes:
      T  Val=   2.90  Plg=69   Azm=207
      N        -0.46      17       347
      P        -2.43      13        81
    Best Double Couple:Mo=2.7*10**24
     NP1:Strike=192 Dip=35 Slip= 120
     NP2:       337     60       71
AAI       5.51 161 ePd    57 55.20    1.0
                   e(S)   58 51.00
DAV       5.55 351 eP     57 56.00    1.3
                   eS     59 08.00
CGP       7.06 346 iPc    58 17.50    1.7
MAP       9.03 345 iPc    58 45.00    1.8
                   iS     59 31.00
TLE       9.55 139 ePc    58 38.40  -11.9X
MKS       9.67 226 iPd    58 53.50    1.5
                   eS     01 28.70
                   e      02 34.00
KUPT     11.97 193 eP     59 34.40   11.2X
MAN      14.04 338 eP     59 58.90    8.3X
JAY      14.85 106 ePd    00 08.00    6.8X
MTN      15.06 162 eP     00 03.00   -1.0
          0.7s   153.00nm              5.3mb
BAG      15.83 339 eP     00 16.00    1.9
                   eS     02 52.00
TRT      16.55 236 ePd    00 26.50    3.6X
          1.3s   195.00nm              5.1mb
SZP      16.93 340 iPc    00 28.00    0.2
KNA      17.36 172 eP     00 33.00   -0.1
MDG      20.49 109 eP     01 07.00   -2.2
GUMO     21.82  56 eP     01 21.50   -1.2
PJG      21.82  56 eP     01 21.50   -1.2
GUA      21.83  56 eP     01 22.20   -0.6
          0.7s   115.07nm              5.4mb
       Z  22s      4.89um              4.9Msz
WRA      22.74 160 Pd     01 21.60  -10.2X
WB2      22.75 160 iPc    01 31.60   -0.3
                   eS     05 37.30
PMG      23.36 118 eP     01 39.00    1.2
MBL      23.49 196 iPc    01 39.10    0.1
          0.5s    25.00nm              5.0mb
HKC      23.81 331 eP     01 41.00   -1.1
                   eS     05 59.00
LMG      24.03 116 eP     01 44.00   -0.5
ISO      25.61 151 eP     01 59.00   -0.4
          0.6s    66.00nm              5.4mb
PPI      26.09 266 eP     02 03.00   -0.9
ASPA     26.11 164 iPc    02 03.60   -0.5
NAU      26.22 203 eP     02 05.00    0.0
SNG      26.31 283 eP     02 06.50    0.6
RAB      26.36 103 e(P)   02 04.00   -2.4
PSI      27.50 273 ePd    02 16.60   -0.1
          1.0s    60.40nm              5.2mb
WBN      27.54 180 iPc    02 27.70   10.7X
TSI      27.89 274 e(P)   02 03.00  -17.3X
NNT      28.62 294 eP     02 25.60   -1.2
LOE      28.92 304 eP     02 27.50   -2.1
CTA      29.01 139 iPc    02 30.20   -0.1
          1.2s    67.97nm              5.2mb
                   iS     07 17.00
MEK      29.02 195 eP     02 30.00   -0.4
          0.4s    23.00nm              5.2mb
NST      29.46 300 eP     02 33.20   -1.3
SSE      29.79 351 P      02 37.20    0.1
       E  22s      1.50um
                   pP     02 41.50   15kmX
                   sP     02 54.20
                   eS     07 25.00
                   sS     07 32.00
KHT      30.45 297 eP     02 43.10   -0.2
```

02d 16h

CHG	31.92	304	IPc	02	55.30	-0.8
	0.8s	26.12nm			5.1mb	
CHTO	31.92	304	eP	02	55.30	-0.8
	0.8s	14.82nm			4.9mb	
MRWA	32.19	197	eP	02	58.00	-0.4
KLG	32.51	188	eP	03	01.00	-0.1
KMI	32.72	318	Pc	03	03.50	0.2
E	18s	1.50um				
			pP	03	11.50	28kmX
			eS	07	36.00	
KLB	33.98	193	eP	03	13.00	-0.9
MUN	34.74	195	eP	03	20.00	-0.3
HNR	35.14	109	eP	03	20.00	-4.0X
RMC	35.25	144	IPc	03	24.90	0.1
NWAO	35.39	193	eP	03	26.00	0.1
STK	36.24	158	IPd	03	32.90	-0.2
	0.6s	22.00nm			5.3mb	
RKG	36.53	193	eP	03	41.00	5.5X
CMS	37.69	152	eP	03	44.00	-1.3
ADE	38.12	164	IPc	03	49.40	0.4
	0.9s	62.18nm			5.5mb	
BJI	39.41	348	eP	03	59.00	-0.6
			eS	09	55.00	
COO	40.13	145	eP	04	07.00	1.3
LZH	40.22	331	Pc	04	07.00	0.5
	1.5s	276.00nm			5.8mb	
E	11s	0.60um				
SHL	40.94	309	IP	04	10.50	-2.1
YOU	41.19	152	IPc	04	13.80	-0.6
BFD	41.35	160	eP	04	16.00	0.5
CAN	42.34	152	IPc	04	24.70	0.9
			e	06	10.10	
TOO	42.76	158	eP	04	28.00	0.8
WAM	43.00	153	eP	04	24.90	-4.2X
			e	06	12.30	
NOU	45.69	124	IPc	04	50.50	-0.4
KOD	49.39	282	eP	05	22.00	1.7
			eS	12	20.00	
HYB	49.58	292	eP	05	20.00	-1.5
	1.0s	60.00nm			5.6mb	
GBA	49.89	286	Pd	05	22.10	-1.7
	1.0s	65.10nm			5.6mb	
NDI	54.07	305	IP	05	53.00	-1.9
POO	54.19	292	IPc	05	54.00	-2.0
	0.9s	50.42nm			5.5mb	
MSZ	58.99	147	P	06	29.80	0.1
TCW	60.78	140	P	06	41.70	-0.4
MNG	61.25	139	P	06	45.30	-0.1
GNZ	62.01	136	P	06	51.00	0.5
QUE	63.04	303	eP	06	56.00	-1.8
DRV	68.77	174	eP	07	33.50	0.1
MHI	70.58	308	eP	07	45.00	-0.2
			eS	16	48.00	
SHI	75.24	300	eP	08	12.00	-0.9
IR2	77.33	306	eP	08	25.00	0.6
TAB	81.23	308	eP	08	46.00	0.5
SBA	82.25	172	IPc	08	51.50	1.7
TTA	82.96	27	P	08	54.80	1.0
	1.0s	42.50nm			5.4mb	
MSL	83.65	306	eP	08	58.00	0.2
KDC	83.92	32	P	09	00.00	1.4
BRW	84.31	18	P	09	01.80	1.4
IMA	84.48	24	P	09	03.00	1.5
RTB	85.90	303	IPd	09	11.00	1.9
PMR	85.98	29	P	09	08.60	-0.3
NPA	87.66	255	eP	09	20.00	2.0
NAI	89.65	269	eP	09	30.00	2.2
	1.0s	30.00nm			5.6mb	
JER	90.22	302	eP	09	33.50	3.5X
ZNT	90.35	302	eP	09	31.00	0.6
PRNI	90.45	300	eP	09	32.50	1.5
SPA	91.55	180	e(P)	09	36.80	1.4
CSS	91.65	305	e(P)	09	41.50	5.1X
KEV	91.80	340	IP	09	37.20	0.9
INK	92.29	22	eP	09	39.00	0.4
SOD	92.34	338	IP	09	38.30	-0.5
KJF	92.40	334	iP	09	39.00	-0.1
	0.7s	20.00nm			5.7mb	
SUF	93.33	333	IP	09	42.70	-0.8
	0.5s	2.80nm			4.9mb	
MBC	94.12	13	eP	09	47.00	0.1
NUR	94.43	331	eP	09	48.00	-0.6
Z	25s	0.70um			5.0MszX	
			LR	53	30.00	
MTD	95.08	253	eP	09	54.00	1.5
VRI	95.63	316	eP	09	54.00	-0.5
JMB	96.20	313	e(P)	10	00.00	2.9X
MLR	96.23	316	ePd	09	57.50	0.1
KRI	96.96	253	eP	10	02.00	0.9
DIM	97.00	313	IP	10	04.00	3.3X
PVL	97.13	314	eP	10	01.00	-0.3
KDZ	97.23	312	IP	10	00.00	-1.8
BUL	97.86	250	eP	10	06.50	1.3
MMB	98.44	312	IPd	10	07.00	-0.2
CLO	98.49	316	eP	10	07.50	0.2
KRA	99.32	321	eP	10	11.20	0.2
			e	10	15.20	
SPC	99.33	320	eP	10	21.00	9.6X
VAY	99.34	312	eP	10	10.00	-1.3
DAG	99.36	352	iPc	10	09.80	-0.9
	0.7s	4.79nm			5.1mb	
			I	10	16.00	
HFS	99.77	332	eP	10	11.50	-1.4
	0.9s	3.40nm			4.9mb	
NB2	100.57	333	Pdiff	10	15.60	-0.9
	0.7s	3.20nm			5.0mb	
KSP	101.37	323	ePdiff	10	19.00	-1.2
YKA	101.59	24	ePdiff	10	24.60	3.7X
YKC	101.65	24	ePdiff	10	22.00	0.9
PRU	102.69	322	Pdiff	10	30.00	3.9X
BRG	102.77	323	ePdiff	10	28.00	1.6
	1.2s	11.00nm			5.4mb	
			e	13	55.00	
KHC	103.56	321	Pdiff	10	38.00	8.0X
			e	12	45.50	
BMN	108.74	46	PKP	14	58.00	-0.7
FRB	113.90	7	ePKP	15	08.00	0.4
ALQ	118.70	48	ePKP	15	18.50	0.6
SCH	122.76	9	ePKP	15	25.00	0.2
LTX	123.15	53	PKP	15	26.80	0.4
JCT	125.69	50	ePKP	15	31.00	-0.3
	0.9s	18.91nm				
KIC	130.61	280	ePKP	15	48.60	7.5X
PCH	144.38	155	ePKP	16	05.50	-0.5
ROCH	144.73	154	ePKP	16	06.30	-0.4
MDZ	145.70	157	I(PKP)	16	09.10	0.9
GCM	145.72	51	PKP	16	09.75	1.3
TCA	148.61	162	ePKPd	16	17.50	4.6X
BBJ	149.41	49	ePKP	16	25.38	10.9X
UPA	152.10	67	ePKPc	16	25.40	6.9X
	0.8s	29.85nm				
SLA	154.26	154	ePKPc	16	31.80	10.3X
YJA	156.46	151	ePKPc	16	27.20	2.3X
VAO	157.74	196	e(PKP)	16	26.00	0.1
ITR	163.30	244	ePKP	16	32.10	0.2
BAO	164.97	201	e(PKP)	16	34.20	0.7
SOB1	165.27	239	ePKP	16	35.90	2.2X
	0.8s	5.20nm				
			e	17	33.90	

S.D. = 1.1 on 118 of 144 obs.

? MAY 02, 1985 16h 07m 04.76±24.74s
33.312 S ±192.km 68.652 W ±114.km
DEPTH = 5.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

MDZ	0.46	339	IP	07	13.10	-0.9
			iS	07	18.80	
RTCV	1.45	4	eP	07	31.60	-0.1
			S	07	48.70	
RTCB	1.82	356	ePd	07	37.70	0.6
			S	08	00.20	
RTLL	1.98	5	ePd	07	39.80	0.4
			S	08	04.70	
TCA	3.96	61	ePd	08	07.30	-0.3
			S	09	08.00	

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

? MAY 02, 1985 16h 45m 40.38± 5.40s
2.879 N ±26.1km 128.847 E ±25.5km
DEPTH = 211.7 ± 54.0 km
4.7mb (3 obs.)
HALMAHERA (267)

MTN	15.79	172	eP	49	13.00	0.0
			eS	52	00.00	
KNA	18.51	180	eP	49	43.00	-0.3
TRT	19.29	237	ePd	49	51.80	0.4
	0.6s	36.60nm			5.1mb	
WB2	23.32	167	eP	50	31.00	0.1
ASPA	26.84	170	IPd	51	03.50	0.2
PSI	29.89	270	eP	51	30.00	-0.6
	0.8s	14.00nm			4.7mb	
CHTO	33.27	301	eP	52	00.20	0.2
	0.6s	2.38nm			4.0mb	

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

* MAY 02, 1985 19h 41m 49.83± 0.64s
43.980 N ± 5.5km 13.256 E ±16.3km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
ML 3.7 (KBA).

AQU	1.63	176	ePg	42	19.50	0.8
			eSg	42	45.50	
MNS	1.65	195	ePg	42	18.00	-0.9
TRI	1.77	12	IPnd	42	20.10	-0.5
			i	42	26.00	
			iSn	42	44.00	
			iSg	42	49.20	
			I	42	51.90	
CEY	1.95	25	ePn	42	23.20	-0.1
			eSn	42	49.50	
VOY	2.10	12	IPn	42	25.40	-0.2
			iSg	43	00.30	
LJU	2.25	23	ePn	42	28.30	0.6
			eSn	42	58.00	
CTI	2.36	332	ePn	42	30.00	0.7
			e(Sn)	43	00.00	
KBA	3.10	1	IPnd	42	40.40	0.6
			IPg	42	56.30	
			iSn	43	32.50	
			i	43	35.50	
			I	43	39.10	
			I	44	01.80	
KHC	5.16	2	Pn	43	07.90	-1.0
			Sn	44	06.00	
			Sg	44	28.40	
			e	45	27.00	

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

MAY 02, 1985 19h 57m 15.53± 0.18s
19.164 N ± 3.3km 145.780 E ± 5.3km
DEPTH = 115.7km (5 depth phases)
5.2mb (36 obs.)
MARIANA ISLANDS (216)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 16C
Centroid Location:
Origin Time 19:57:17.1 0.6
Lat 19.05N 0.06 Lon 145.97E 0.08
Dep 113.4 4.7 Half-duration 1.6
Moment Tensor; Scale 10**23 D-CM
Mrr=-4.70 0.52 Mtt= 6.47 0.71
Mff=-1.77 0.80 Mrt=-5.29 0.59
Mrf= 4.94 0.62 Mtf= 2.14 0.85
Principal Axes:

T	Val= 8.58	Plg=21	Azm=179
N	1.66	30	282
P	-10.23	52	60

Best Double Couple:Mo=9.4*10**23
NP1:Strike=228 Dip=36 Slip=-149
NP2: 113 73 -58

GUMO	5.61	189	eP	58	39.20	1.2
PJG	5.61	189	eP	58	39.10	1.1
GUA	5.66	189	eP	58	39.50	0.9
	0.5s	1036.62nm			6.3mb	X
			eS	59	41.20	
KYS	16.73	344	eP	01	04.80	0.5
OYM	17.19	342	eP	01	09.80	-0.2
SRY	17.36	342	eP	01	11.70	-0.3
TSK	17.70	345	eP	01	15.80	-0.3
DDR	17.75	342	eP	01	16.30	-0.5
MAT	18.55	341	eP	01	25.00	-1.0
	0.7s	22.80nm			4.6mb	
			(S)	04	41.00	
SHK	19.23	325	eP	01	31.80	-1.4
MOM	21.13	176	eP	01	51.50	-1.2
JAY	22.11	194	ePc	02	01.50	-1.0
	0.8s	125.00nm			5.3mb	
KVG	22.16	167	eP	02	02.50	-0.3
MAP	22.82	250	IPc	02	12.00	2.7
DAV	23.01	241	eP	02	15.20	4.0X
CGP	23.05	245	eP	02	14.00	2.5
MAN	24.04	263	eP	02	28.50	7.3X
MDG	24.26	180	eP	02	18.00	-5.2X
SSE	25.17	303	eP	02	30.80	-0.9
			sS	07	28.00	
PAA	27.05	158	e(P)	02	45.00	-4.1X

LMG	27.99	175	eP	02	58.80	1.2	PRS	81.11	55	eP	09	20.20	0.7	CNPM	1.19	111	iPd	13	04.30	-0.9
PMG	28.42	177	eP	02	59.00	-2.4	EDM	81.17	37	iPd	09	19.90	0.4	BRLK	1.29	98	iP	13	05.30	-0.9
VSG	31.40	153	eP	03	29.00	1.3		1.0s		93.00nm			5.5mb	NKA	1.33	53	eP	13	07.62	1.0
BJI	32.85	316	eP	03	39.50	-0.7	LLA	81.36	54	eP	09	21.50	0.7	SPU	1.39	28	iP	13	06.46	-0.9
MTN	34.93	206	iPd	03	57.00	-1.2	JAS1	81.36	53	eP	09	21.60	0.8	CRP	1.44	25	iP	13	07.42	-0.6
	0.3s		36.00nm			5.7mb		0.8s		6.90nm			4.5mb	SVW	1.58	317	eP	13	08.11	-1.3
KNA	38.52	207	iPd	04	28.80	0.4	KEV	81.52	342	iP	09	20.80	-0.2	SLKM	1.68	70	eP	13	09.26	-1.3
CTA	39.01	179	iPc	04	34.00	1.6		0.6s		28.70nm			5.2mb	SUA	2.00	40	iP	13	13.14	-1.3
	0.4s		15.25nm			5.1mb	PRI	81.71	55	eP	09	24.00	1.2				iS	13	39.80	
			i	13	27.00		FRI	82.19	54	eP	09	25.70	0.6	SEW	2.00	84	eP	13	12.89	-1.3
SMY	40.09	27	eP	04	43.00	2.1	MNA	82.90	52	eP	09	30.20	1.2				iS	13	37.76	
ISQ	40.10	189	eP	04	41.00	-0.4	BMN	82.94	50	iP	09	30.10	1.0	MPA	2.09	74	eP	13	14.10	-1.3
WB2	40.45	197	eP	04	43.00	-1.2		0.8s		10.44nm			4.8mb	SKT	2.22	24	iP	13	15.66	-1.4
			eScP	10	21.50					pP	10	04.90	137kmX	PMS	2.29	54	eP	13	16.20	-1.8
			eS	10	41.20		SOD	82.95	340	iP	09	27.90	-0.5				iS	13	44.77	
WRA	40.45	197	Pd	04	43.90	-0.4	DAG	83.82	356	iPc	09	31.70	-1.0	PTE	2.36	66	eP	13	16.51	-2.2
	1.1s		259.70nm			5.9mb		0.6s		8.67nm			4.8mb	KNK	2.84	57	eP	13	22.17	-2.8
LZH	40.45	303	eP	04	45.50	1.1	EUR	84.16	50	iP	09	36.00	0.5				eS	13	55.17	
TRT	42.19	234	P	05	03.50	4.9X	KJF	84.33	337	iP	09	35.00	-0.4	GHO	2.85	49	eP	13	22.42	-2.7
NST	43.60	273	eP	05	11.50	1.4		0.6s		27.40nm			5.3mb				eS	13	56.14	
ASPA	44.12	196	eP	05	14.00	-0.2	LRM	84.35	43	ePd	09	36.80	0.5	MSE	2.87	47	eP	13	22.37	-3.1
	0.6s		62.00nm			5.6mb	SUF	85.74	336	iP	09	40.80	-1.7	SML	3.10	51	eP	13	25.22	-3.1
CHG	44.18	278	eP	05	16.00	1.2		0.4s		5.30nm			4.8mb	VLZ	3.69	69	eP	13	34.37	-1.7
NNT	44.67	269	eP	05	20.90	2.2	FFC	86.66	33	iPd	09	47.40	0.2				eS	14	16.02	
RMQ	45.47	176	eP	05	23.00	-1.8		1.0s		88.00nm			5.7mb	KLU	3.99	64	eP	13	37.35	-2.9
MBL	47.45	214	eP	05	40.00	-0.5	GLA	87.27	56	eP	09	51.70	1.1	KMP	4.40	66	eP	13	43.11	-2.6
	0.4s		11.00nm			5.0mb	BDW	87.44	45	eP	09	50.00	-1.5	BALM	5.58	74	eP	13	59.74	-1.9
PPI	48.60	252	eP	05	51.50	2.0		0.6s		2.53nm			4.4mb		27 obs. associated					
PSI	48.63	256	ePc	05	51.50	1.8				pP	10	18.10	107km							
WBN	48.74	203	iPd	05	50.70	0.3	NUR	87.61	335	iP	09	49.80	-1.8	• MAY 02, 1985 20h 58m 48.05± 1.24s						
SHL	49.97	288	eP	06	00.00	-0.2		0.6s		10.40nm			5.0mb	5.040 S ±13.2km 130.717 E ±14.9km						
CMS	50.36	180	eP	06	02.00	-0.6	Z	18s		0.10um			4.3Msz	DEPTH = 33.0km (normal)						
STK	50.91	185	eP	06	07.00	0.2				LR	50	00.00		4.5mb (6 obs.)						
NAU	50.93	217	eP	06	08.00	0.9	RMU	88.71	51	e(P)	09	58.00	0.4	BANDA SEA						(280)
MEK	52.62	211	eP	06	19.00	-0.8	RSSD	90.49	43	eP	10	05.30	-0.5							
YOU	53.20	177	eP	06	24.70	0.8		0.9s		12.60nm			5.1mb	TLE	2.11	106	iPd	59	20.00	-1.7
			e	07	52.80	436kmX	UPP	90.75	337	iP	10	04.30	-2.1				iS	59	39.80	
CAN	54.27	177	eP	06	32.20	0.4	GOL	91.61	47	eP	10	12.20	1.1	MTN	7.77	177	eP	00	44.00	2.3
			e	07	01.40	123km		1.0s		20.00nm			5.3mb	KNA	10.81	190	eP	01	24.00	0.3
KLG	54.89	206	iPd	06	35.10	-1.2	HFS	91.98	338	eP	10	09.90	-2.2	WRA	15.23	167	Pd	02	21.30	-1.1
	0.4s		14.00nm			5.3mb		0.5s		3.30nm			4.9mb		0.4s		4.20nm			4.1mb
WAM	55.13	177	eP	06	33.40	-4.5X	Z	16s		0.11um			4.4MszX	WB2	15.23	167	eP	02	20.70	-1.8
			e	07	05.30	136kmX				LR	45	16.00					i	02	23.70	
MRWA	56.03	212	eP	06	43.00	-1.6	NB2	92.17	340	P	10	11.80	-1.2				eS	05	02.50	
	0.5s		8.00nm			5.0mb		1.0s		4.20nm			4.7mb	ASPA	18.77	171	eP	03	08.00	1.0
BAL	56.84	210	iPc	06	49.50	-0.8	ALQ	92.92	52	eP	10	17.90	0.7		0.5s		72.00nm			5.1mb
MUN	58.22	210	iPd	06	58.90	-1.0		1.3s		44.23nm			5.6mb	MBL	19.19	212	iPd	03	10.70	-1.3
NWAO	58.54	208	eP	07	01.00	-1.2				pP	10	47.90	114km		0.4s		14.00nm			4.6mb
IMA	60.82	24	eP	07	17.40	-0.2	RSON	92.97	33	eP	10	16.60	-0.2	CTA	21.27	136	iPc	03	37.50	3.5X
PMR	61.51	30	eP	07	20.70	-1.4		1.4s		11.32nm			5.0mb		0.7s		4.79nm			4.0mb
	1.4s		3.10nm			4.1mb X	LTX	97.51	56	eP	10	39.00	0.9	WBN	21.35	190	iPd	03	35.50	0.7
			pP	07	48.70	114km		1.0s		1.60nm			4.5mb		0.3s		8.00nm			4.6mb
PME	61.57	30	eP	07	21.00	-1.5				pP	11	10.60	121km	MEK	24.40	207	eP	04	04.00	-0.7
	0.7s		61.40nm			5.7mb	JCT	99.94	53	iP	10	50.00	1.0	KLG	27.05	198	eP	04	28.00	-1.4
BRW	61.78	18	eP	07	24.00	0.2		1.2s		15.63nm			5.5mb	STK	28.53	160	iP	04	43.00	-0.3
COL	62.85	26	eP	07	30.00	-0.9	ROCH	144.40	120	ePKPd	16	38.40	-1.9	YOU	33.39	153	iPc	05	27.40	1.7
FBA	62.85	26	eP	07	29.50	-1.4	ARE	144.46	92	ePKP	16	41.00	0.1	CAN	34.54	153	iPc	05	37.60	1.9
	0.7s		131.70nm			6.0mb	PCH	144.64	121	ePKP	16	39.30	-1.2	WAM	35.22	154	eP	05	43.80	2.4X
HYB	63.49	280	eP	07	53.00	17.1X	MDZ	146.18	121	e(PKP)	16	44.70	1.6	MAT	41.95	9	(P)	06	38.00	0.5
GBA	65.45	277	Pc	07	47.50	-1.0	LPB	147.67	91	iPKPc	16	47.60	1.2		0.8s		13.43nm			4.7mb
	0.6s		2.60nm			4.3mb				e	17	21.00			S.D. = 1.5 on 14 of 16 obs.					
MNG	65.58	156	P	07	46.20	-2.7	CCH	149.66	92	PKP	16	50.40	1.1							
TCW	65.63	157	P	07	47.20	-2.0	TCA	150.08	120	iPKPc	16	54.00	4.7X	• MAY 02, 1985 21h 18m 02.34± 1.09s						
MSZ	66.66	163	P	07	54.00	-1.7	SLA	150.51	105	ePKPd	16	56.00	5.8X	48.858 N ±20.6km 156.151 E ±15.2km						
INK	68.93	23	iPd	08	09.10	-0.4	YJA	150.60	101	ePKP	16	51.20	0.4	DEPTH = 39.7km (5 depth phases)						
	0.8s		49.00nm			5.4mb	SOB1	168.18	34	e(PKP)	17	11.00	1.0	4.9mb (14 obs.) 4.3Msz (1 obs.)						
MBC	72.68	14	eP	08	32.00	0.0		0.7s		1.90nm				KURIL ISLANDS REGION						(222)
	0.6s		34.00nm			5.3mb				e	17	43.30								
MHI	76.01	304	eP	08	52.00	0.0				e	18	19.10		MAT	17.98	233	eP	22	11.00	0.1X
			e	09	29.00	150kmX	ITR	168.89	22	ePKP	17	11.20	0.8		0.8s		11.19nm			4.0mb
PGC	76.36	43	eP	08	54.00	0.5				e	18	21.90			Z 20s		0.71um			
YKA	77.54	28	eP	09	00.00	0.2		S.D. = 1.1 on 113 of 122 obs.									eS	25	45.00	
YKC	77.61	28	iPd	09	00.00	-0.1								COL	33.23	40	eP	24	36.00	-0.3
	0.8s		83.00nm			5.6mb	& MAY 02, 1985 20h 12m 39.67s							INK	38.78	34	eP	25	25.00	0.8
ALE	77.66	4	ePd	09	00.50	0.3	59.968 N 153.418 W										pP	25	38.00	49km
	0.7s		42.00nm			5.3mb	DEPTH = 134.8km							LZH	39.88	271	eP	25	34.00	0.0
FHC	77.91	51	eP	09	03.70	1.4	SOUTHERN ALASKA (2)							MBC	41.91	21	eP	25	50.00	0.1
PNT	78.63	42	eP	09	05.00	-0.1	<AGS-P>.							ALE	47.44	6	ePc	26	33.90	-0.4
	0.8s		30.00nm			5.1mb									0.7s		11.00nm			5.0mb
WDC	79.03	51	eP	09	09.20	0.8	OPT	0.33	163	eP	12	58.40	1.2	KMI	47.63	260	eP	26	36.00	-0.7
MIN	79.78	51	eP	09	12.50	-0.1	ILM	0.37	54	iP	12	58.41	1.1	YKA	48.00	39	eP	26	39.10	0.3
PCC	80.00	54	eP	09	13.80	0.2				iS	13	13.29		YKC	48.07	39	eP	26	39.00	-0.3
BKS	80.00	53	eP	09	14.50	0.8	RED	0.56	35	eP	12	59.50	-0.5		1.0s		9.00nm			4.8mb
ORV	80.08	52	eP	09	14.30	0.2	AUL	0.59	181	eP	12	59.60	-0.4	SHL	54.46	269	iP	27	26.20	-2.1
NEW	80.52	42	iP	09	15.80	0.6	RDT	0.79	39	iP	13	00.91	-0.7	CHG	54.58	258	eP	27	29.00	0.0
	0.8s		16.80nm			4.9mb				iS	13	17.37		CHTO	54.58	258	eP	27	29.00	0.0
MHC	80.61	54	eP	09	17.70	0.6	CDD	1.05	186	eP	13	02.80	-1.0		0.8s		6.77nm			4.7mb

02d 21h

			pP	27	40.20	38km
SUF	61.91	336	eP	28	18.00	-1.7
NB2	66.87	342	P	28	50.40	-1.6
	1.0s	3.80nm				4.4mb
HFS	67.17	341	eP	28	53.00	-0.8
	0.6s	2.00nm				4.4mb
Z	18s	0.19um				4.3Msz
			LR	58	30.00	
HYB	68.97	273	eP	29	05.50	-0.2
GBA	72.47	271	Pc	29	28.50	1.7
	0.9s	6.30nm				4.6mb
IR2	72.88	305	eP	29	30.00	0.9
KRA	74.53	332	ePd	29	38.60	0.4
	0.5s	25.00nm				5.4mb
KSP	74.90	335	eP	29	40.80	0.4
SPC	75.20	332	eP	29	43.30	0.9
CLL	75.35	337	iPc	29	42.30	-0.7
	1.0s	22.00nm				5.1mb
			e	29	52.00	31km
BRG	75.51	336	iP	29	43.90	0.0
	1.2s	13.00nm				4.8mb
JOS	75.72	331	eP	29	45.00	-0.1
PRU	76.15	336	Pc	29	48.30	0.8
MOX	76.32	338	eP	29	48.00	-0.5
MLR	76.48	326	iPd	29	50.50	0.9
KHC	77.19	336	iPc	29	54.50	1.1
	1.0s	21.00nm				5.1mb
			e	30	06.50	40km
GRF	77.29	338	eP	29	54.90	1.0
	0.9s	20.00nm				5.1mb
ENN	77.53	341	eP	29	55.00	-0.1
	1.0s	16.00nm				5.0mb
MEM	77.66	341	P	29	57.00	1.2
			e	30	09.00	40km
DOU	78.44	342	P	30	13.50	13.3X
KBA	79.13	335	ePc	30	04.00	-0.2
	1.2s	26.00nm				5.1mb
			id	30	05.50	5kmX
			i	30	18.40	
			e	37	13.50	
			i	37	25.60	
CDF	79.44	339	eP	30	18.20	12.4X
HAU	80.04	340	eP	30	21.20	12.3X
BSF	80.10	340	eP	30	21.50	12.2X
FLN	80.69	345	eP	30	25.00	12.7X
GRR	81.11	345	eP	30	27.80	13.3X
	0.7s	8.40nm				
LOR	81.28	341	eP	30	28.20	12.7X
LPF	81.49	345	eP	30	29.80	13.3X
SSF	81.55	341	eP	30	29.80	13.0X
AVF	81.84	341	eP	30	31.50	13.2X
SMF	81.88	341	eP	30	32.20	13.6X
	1.1s	9.70nm				
MZF	82.55	342	eP	30	36.00	13.9X
	1.1s	14.40nm				
TCF	82.56	342	eP	30	35.70	13.6X
LSF	82.73	343	eP	30	36.30	13.3X
	S.D. = 0.9	on	31 of	46	obs.	

* MAY 02, 1985 22h 36m 16.14± 1.84s
36.619 N ± 7.7km 140.986 E ±19.3km
DEPTH = 10.0km (geophysicist)
NEAR EAST COAST OF HONSHU, JAPAN(228)

ONA	0.33	349	P	36	23.00	0.0
			iS	36	31.10	
TSK	0.82	240	iPd	36	32.40	0.5
KYS	1.57	206	eP	36	44.40	0.3
DDR	1.57	247	eP	36	43.50	-0.7
			S	37	09.50	
SRY	1.71	234	eP	36	45.90	-0.3
OYM	1.85	230	eP	36	48.10	-0.1
MAT	2.24	269	iPd	36	54.20	0.4
			eS	37	27.00	
	S.D. = 0.5	on	7 of	7	obs.	

MAY 03, 1985 00h 18m 19.57± 0.53s
24.022 N ± 4.3km 121.084 E ± 5.5km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWQ	0.34	318	iPc	18	27.00	0.4
			eS	18	32.00	
TWD	0.47	83	iPd	18	29.50	0.4
TWF1	0.69	164	iPd	18	33.50	0.2
TWC	0.91	50	iP	18	36.50	-0.5
TWK	0.93	216	iPd	18	37.00	-0.4
TATO	1.02	21	eP	18	38.60	-0.2
			eS	18	51.00	
TWG	1.20	181	iPc	18	42.00	0.1
ANP	1.22	19	eP	18	44.00	1.7X
TWM1	1.34	207	iP	18	44.10	-0.1
	S.D. = 0.4	on	8 of	9	obs.	

MAY 03, 1985 00h 45m 24.86± 0.32s
43.157 N ± 5.3km 131.529 E ± 4.5km
DEPTH = 540.4 ± 5.0 km
4.4mb (32 obs.)
E. USSR-N.E. CHINA BORDER REG. (657)

MDJ	2.02	317	iPd	46	35.00	0.7
			iS	47	30.60	
CN2	4.47	280	iPc	46	50.00	-0.4
			iS	47	57.00	
			sP	48	08.00	
SNY	6.03	260	iPc	47	04.30	0.3
MAT	8.37	140	iPd	47	27.30	0.4
DL2	8.60	244	iPc	47	29.50	0.3
DDR	9.28	138	eP	47	36.10	-0.1
TSK	9.58	134	eP	47	37.40	-1.8
SRY	9.63	139	eP	47	39.70	0.0
OYM	9.76	140	eP	47	40.60	-0.5
KYS	10.38	137	eP	47	47.20	-0.2
BJI	11.91	260	eP	48	03.00	0.1
			e	50	11.00	
TIA	13.08	243	P	48	14.80	0.0
			i	48	31.40	
			i	48	51.30	
			S	50	35.00	
TIY	15.51	256	P	48	40.30	1.1
			S	51	23.00	
XAN	19.83	250	eP	49	21.60	0.9
GTA	24.05	272	iPd	49	59.20	0.1
CHTO	36.63	239	iP	51	47.70	1.1
	0.7s	7.94nm				4.4mb
NDI	45.53	270	iPd	52	57.00	-0.6
COL	48.16	34	iP	53	19.00	1.9
	0.8s	11.19nm				4.4mb
HYB	51.43	257	ePc	53	41.00	-0.9
QUE	52.20	278	eP	53	46.00	-1.5
INK	52.48	28	eP	53	49.00	0.3
GBA	54.79	255	Pd	54	04.60	-1.1
	0.5s	15.70nm				4.6mb
KEV	54.90	336	iP	54	05.50	-0.4
	0.5s	16.80nm				4.6mb
SOD	56.25	333	iP	54	14.10	-1.2
KJF	57.57	330	iP	54	23.00	-1.3
	0.6s	26.10nm				4.7mb
DAG	58.88	352	iPc	54	31.70	-1.4
	0.4s	9.32nm				4.5mb
SUF	58.97	329	iPd	54	32.40	-1.4
	0.6s	9.80nm				4.3mb
NUR	60.85	327	iP	54	45.20	-1.0
	0.7s	13.30nm				4.5mb
YKA	62.21	29	eP	54	56.20	1.1
WRA	62.84	177	Pd	54	59.60	0.2
	0.3s	1.50nm				3.9mb
WB2	62.84	177	eP	54	59.70	0.3
HFS	65.23	331	eP	55	12.70	-1.5
	0.5s	10.50nm				4.6mb
NB2	65.44	332	P	55	14.60	-1.0
	0.7s	9.80nm				4.5mb
KRA	69.67	320	iPc	55	41.10	-0.2
	0.5s	25.00nm				5.0mb
KSP	70.78	323	eP	55	47.50	-0.3
BRG	71.78	324	iP	55	53.50	-0.2
	0.7s	12.00nm				4.5mb
CLL	71.87	325	iPd	55	53.90	-0.2
	0.7s	18.00nm				4.7mb
PRU	72.17	323	eP	55	56.30	0.4
FRB	72.26	9	eP	55	56.00	-0.1
MOX	72.95	325	e(P)	56	00.00	-0.4
KHC	73.23	323	iPd	56	02.30	0.3
GRF	73.83	324	eP	56	06.20	0.8
	0.8s	36.00nm				5.0mb
EKA	74.62	335	Pc	56	10.00	0.4
	0.8s	9.30nm				4.3mb
KBA	74.85	321	eP	56	10.50	-0.8
	1.2s	15.60nm				4.3mb
MEM	75.26	328	P	56	13.40	0.2
CDF	76.48	325	eP	56	20.10	0.0
BSF	77.14	325	eP	56	23.60	-0.1
HAU	77.18	326	eP	56	23.60	-0.3
LOR	78.78	327	iPd	56	32.20	-0.2
	0.8s	16.10nm				4.5mb
LBF	78.97	326	iPd	56	33.00	-0.3
	0.6s	3.60nm				4.0mb
GRC	79.08	327	iPc	56	33.50	-0.3
SSF	79.09	327	iPd	56	33.90	0.0
	0.6s	5.70nm				4.2mb
FLN	79.23	330	eP	56	35.30	0.7
LDF	79.23	330	eP	56	34.50	-0.1
SMF	79.30	326	eP	56	35.30	0.3
	0.5s	2.90nm				4.0mb
AVF	79.37	327	iPd	56	35.60	0.2
	0.8s	16.70nm				4.5mb
GRR	79.68	330	eP	56	37.00	0.1
	1.0s	9.20nm				4.2mb
BGF	79.77	327	eP	56	37.70	0.2
	1.0s	7.60nm				4.1mb
LPF	80.04	330	eP	56	39.10	0.3
MZF	80.15	327	eP	56	40.20	0.7
	0.7s	15.30nm				4.6mb
TCF	80.24	327	iPd	56	40.30	0.3
	0.7s	3.40nm				3.9mb
LSF	80.54	327	iPd	56	41.70	0.2
	0.7s	7.10nm				4.3mb
LRG	80.79	323	eP	56	42.80	0.0
LMR	80.82	323	eP	56	42.90	0.0
	0.5s	4.00nm				4.2mb
MFF	80.90	329	eP	56	43.90	0.6
RJF	81.33	327	eP	56	46.50	1.0
CAF	81.42	326	eP	56	47.00	1.0
	0.6s	3.60nm				4.1mb
LFF	81.94	327	eP	56	49.80	1.2
	0.6s	8.30nm				4.4mb
LPO	81.97	327	eP	56	49.70	0.9
	0.6s	6.10nm				4.3mb
EPF	83.68	326	eP	56	58.50	1.0
	0.8s	5.30nm				4.2mb
	S.D. = 0.8	on	70 of	70	obs.	

* MAY 03, 1985 00h 48m 01.30± 2.21s
38.770 N ± 6.8km 31.510 E ±23.4km
DEPTH = 21.0 ± 7.1 km
TURKEY (366)

ALT	1.13	285	iPn	48	22.90	0.9
BCK	1.50	209	iPn	48	25.70	-1.4
GPA	1.78	329	iPn	48	31.00	-0.2
ELL	2.38	213	ePn	48	41.80	1.8
DST	2.39	291	iPn	48	40.80	0.8
YLV	2.44	318	iPn	48	40.90	0.2
KCT	2.85	302	iPn	48	46.90	0.4
ISK	2.97	321	ePn	48	47.90	-0.2
YER	3.03	238	iPn	48	49.10	0.0
BNT	3.20	301	iPn	48	51.90	0.5
EDC	3.23	300	iPn	48	52.10	0.2
KGT	3.66	299	ePn	48	57.90	-0.1
EZN	4.16	286	iPn	49	05.30	0.2
DMK	4.19	318	iPn	49	04.00	-1.5
KDZ	5.52	303	iPc	49	23.00	-1.4
MMB	6.59	298	iPd	49	39.00	-0.5
VTS	7.38	304	eP	49	50.00	-0.5
MLR	7.89	330	eP	50	00.00	2.3
	S.D. = 1.1	on	18 of	18	obs.	

? MAY 03, 1985 01h 11m 40.54± 1.91s
12.072 S ±18.1km 166.010 E ±26.4km
DEPTH = 33.0km (normol)
SANTA CRUZ ISLANDS (184)

HNR	6.51	293	eP	13	16.00	-0.5
			eS	14	27.00	
SVO	6.75	295	eP	13	19.00	-0.9
			eS	14	32.00	
VSG	6.79	294	eP	13	22.00	1.4
KOU	8.60	191	iPc	13	45.00	-0.8
			iS	15	18.90	
NOU	10.19	178	iPc	14	09.00	1.3
			iS	16	27.00	
LZH	75.63	312	eP	23	25.00	0.5
SPA	78.01	180	e(P)	23	36.10	-1.1
	S.D. = 1.3	on	7 of	7	obs.	

? MAY 03, 1985 01h 37m 51.23± 1.90s
6.885 S ±15.0km 130.432 E ±31.9km
DEPTH = 33.0km (normol)
BANDA SEA (280)

AAI	3.88	325	ePc	38	50.10	0.1

```
MTN      5.96 173 eP    39 21.00    1.4
                  eS    40 26.00
ASPA    17.02 169 eP    41 47.00   -1.4
                  eS    44 49.00
MBL     17.51 215 eP    41 54.00   -0.6
MRWA    26.06 210 eP    43 24.00    0.5
      S.D. = 1.5  on   5 of   5 obs.

*  MAY 03, 1985  01h 38m 47.41± 0.85s
   39.328 N ± 7.2km   23.119 E ±11.0km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                          (365)
      ML 3.2 (ATH).

KZN      1.43 314 ePb   39 12.50   -0.9
ATH      1.43 161 ePn   39 13.00   -0.4
                  eSb   39 32.00
VAY      2.03 348 IPn   39 22.30    0.2
VLS      2.29 241 ePb   39 26.50    0.7
OHR      2.52 316 ePn   39 29.00    0.0
SKO      2.93 335 ePn   39 40.40    5.5X
MLR      6.50  18 eP    40 26.00    0.4
      S.D. = 0.8  on   6 of   7 obs.

?  MAY 03, 1985  01h 47m 43.81± 1.54s
   6.832 S ±18.3km  130.006 E ±35.6km
   DEPTH = 101.5 ± 37.1 km
 BANDA SEA                           (280)

AAI      3.61 330 e(P)  48 38.70    0.0
MTN      6.08 170 eP    49 16.00    3.2X
                  eS    50 22.00
KNA      8.95 188 eP    49 52.00    0.0
                  eS    51 30.00
WRA     13.70 163 Pc    50 54.60   -0.4
        0.6s     3.20nm          3.8mb X
WB2     13.70 162 eP    50 54.50   -0.5
                  IS    53 21.80
ASPA    17.15 168 IPc   51 39.90    1.2
                  eS    54 46.00
WBN     19.48 189 eP    52 05.00   -0.4
      S.D. = 1.0  on   6 of   7 obs.

*  MAY 03, 1985  02h 41m 55.63± 0.66s
   6.968 S ±14.8km  154.759 E ±15.0km
   DEPTH =  33.0km  (normal)
   4.0mb (  1 obs.)
 SOLOMON ISLANDS                     (193)

BGA      0.91  27 IPc   42 12.00   -0.2
                  eS    42 25.00
PAA      0.98  48 IPc   42 13.30    0.1
                  eS    42 27.00
NAB      3.77 317 IP    43 03.00   10.1X
SVO      5.46 114 eP    43 49.00   32.2X
                  eS    44 39.00
HNR      5.69 116 e(P)  43 27.00    6.9X
LMG      6.82 253 e(P)  43 46.00    9.8X
PMG      7.91 252 eP    43 52.00    0.7
RMO     20.24 196 IPc   46 31.30    0.4
WB2     23.63 235 eP    47 04.20   -0.7
WRA     23.64 235 Pc    47 04.30   -0.7
        0.8s     4.20nm          4.0mb
YKA     96.42  28 eP    55 22.70    0.3
      S.D. = 0.7  on   7 of  11 obs.

?  MAY 03, 1985  02h 58m 12.09± 5.71s
   15.014 N ±29.6km   61.573 W ±70.0km
   DEPTH = 162.8 ± 51.1 km
 LEEWARD ISLANDS                     ( 92)

MDN      0.34  29 eP    58 34.90   -0.6
FDF      0.49 124 IPd   58 35.59    0.4
                  S     58 52.50
CRM      0.69 112 IPd   58 35.56   -0.6
BIM      0.69 135 IPd   58 36.65    0.4
                  S     58 55.60
MVM      0.80 125 IPd   58 36.69   -0.2
MGG      0.93  15 eP    58 38.50    0.7
                  S     58 54.00
SEG      1.38   3 eP    58 41.70   -0.1
BPA      2.04 352 eP    58 48.70   -0.2
                  S     59 14.00
      S.D. = 0.6  on   8 of   8 obs.

   MAY 03, 1985  04h 01m 56.53± 0.97s
    8.451 S ± 7.3km  126.629 E ± 8.7km
   DEPTH =  97.3 ± 13.7 km
   4.5mb (  6 obs.)
 TIMOR                               (289)

KUPT     3.43 240 eP    02 49.50    0.6
                  eS    03 26.70
AAI      4.98  18 eP    03 10.50    0.2
MTN      6.22 135 eP    03 28.00    0.6
        0.3s    189.00nm          5.9mb X
KNA      7.55 164 eP    03 46.00    0.3
        0.2s     40.00nm          5.7mb X
MKS      7.80 294 IPd   03 48.80   -0.3
                  e     04 59.00
WRA     13.65 148 Pc    05 05.60   -1.7
        0.4s     15.30nm          4.7mb
WB2     13.65 148 IPc   05 05.90   -1.4
                  IS    07 31.10
MBL     14.24 207 eP    05 13.00   -1.9
ASPA    16.66 156 eP    05 46.00    0.5
ISO     17.45 136 eP    05 56.00    0.7
WBN     17.59 180 eP    05 58.00    1.0
        0.4s     9.00nm          4.4mb
NAU     17.63 216 eP    06 00.30    2.9X
MEK     19.62 202 eP    06 22.00    2.0
PMG     20.30  94 eP    06 34.00    7.1X
CTA     22.23 123 IPc   06 53.90    7.6X
        1.0s    12.50nm          4.2mb
MRWA    22.95 204 IPd   06 56.80    3.7X
        0.4s     4.00nm          4.1mb
STK     27.15 151 eP    07 38.00    5.4X
YOU     32.57 145 eP    08 26.70    6.0X
CAN     33.68 146 eP    08 41.20   10.9X
WAM     34.26 147 eP    08 41.80    6.6X
CHG     38.46 315 IPc   09 11.50    0.7
        0.9s    12.60nm          4.8mb
LZH     49.22 336 eP    10 38.00    0.9
GBA     53.52 294 Pd    11 08.70   -0.9
        0.3s     2.90nm          4.8mb
NDI     60.28 310 eP    11 56.00   -1.3
      S.D. = 1.2  on  16 of  24 obs.

   MAY 03, 1985  07h 02m 53.44± 0.70s
   11.853 N ± 3.8km   86.930 W ± 3.7km
   DEPTH =  87.7 ±  6.4 km
   5.1mb ( 46 obs.)
 NEAR COAST OF NICARAGUA             ( 74)
      CENTROID, MOMENT TENSOR        (HRV)
      Data Used: GDSN
      L.P.B.: 16S, 30C
      Centroid Location:
      Origin Time        07:02:53.0 0.3
      Lat 11.68N 0.04 Lon  87.45W 0.04
      Dep  43.2 2.3 Half-duration  3.2
      Moment Tensor; Scale 10**24 D-CM
        Mrr= 4.16 0.17   Mtt=-5.46 0.25
        Mff= 1.29 0.30   Mrt= 3.23 0.35
        Mrf=-2.23 0.32   Mtf= 3.87 0.21
       Principal Axes:
        T  Val=  5.53  Plg=68  Azm= 67
        N        2.88       14      300
        P       -8.41       17      206
      Best Double Couple:Mo=7.0*10**24
       NP1:Strike=275 Dip=30 Slip=  62
       NP2:        127      64      106

COM      6.68 312 IPc   04 40.00    9.1X
GCM      9.12  35 P     05 05.00    0.7
VHO     10.89 301 ePc   05 25.00   -3.4X
BBJ     11.36  54 eP    05 36.52    2.0
STH     11.57  56 eP    05 39.87    2.7
HOJ     11.58  57 eP    05 42.26    4.9X
GWJ     11.63  57 eP    05 41.62    3.5X
GIE     12.94 195 IPc   05 53.10   -2.2
      Z  19s    73.05um
                  S     08 36.00
TPM     13.67 303 IPc   06 04.50   -0.6
III     13.73 300 ePc   06 05.00   -0.8
UNM     13.94 304 eP    06 08.00   -0.7
TAC     13.99 304 eP    06 12.00    2.7
IIC     14.23 305 ePd   06 12.50    0.0
PSO     14.25 137 eP    06 12.50   -0.3
OXM     14.34 303 IPd   06 14.50    0.6
BMG     14.47 108 eP    06 14.00   -1.3
FUQ     14.50 115 eP    06 16.00    0.1
OUR     14.57 144 eP    06 17.40    0.4
BOG     14.61 118 IP    06 17.00   -0.4
                  eS    09 19.00

LGN     15.47  95 IPnd  06 28.50    0.5
        0.7s    550.00nm          5.9mb
UAV     15.86 100 IPnc  06 23.80   -9.4X
        0.3s    204.90nm          5.8mb
SDV     16.30  99 IPnc  06 14.90  -23.8X
        0.3s    345.00nm
SJG     21.01  70 eP    07 31.00   -0.9
        0.9s    117.65nm          5.2mb
      Z  18s     17.18um          5.5Msz
COW     22.18  14 P     07 46.20    2.9X
PRM     22.52  10 P     07 48.10    1.4
JSC     22.91  12 P     07 52.80    2.3
PWLA    23.05 358 P     07 52.40    0.6
LTX     23.36 321 IPc   07 55.70    0.7
        0.9s    153.85nm          5.4mb
      Z  19s     3.30um          4.8Msz
BHO     23.56 343 IPc   07 57.80    1.0
POW     24.50 352 P     08 05.40   -0.4
BPA     24.81  75 eP    08 10.00    1.0
PAG     24.85  77 eP    08 10.00    0.6
TRN     25.06  90 eP    07 51.50  -19.8X
TUL     25.26 343 IPc+  08 12.30   -0.7
        0.7s    505.90nm          6.1mb
      Z  20s     7.06um          5.2Msz
      N  22s     4.54um
      E  22s     2.81um
                  e(S)  12 47.50
RLO     25.29 345 IPc   08 12.60   -0.7
BIM     25.31  81 eP    08 14.03    0.3
ELC     25.41 356 P     08 13.20   -1.1
OCO     25.43 340 IPc   08 14.00   -0.6
CRM     25.47  81 eP    08 15.90    0.7
MVM     25.48  81 eP    08 14.21   -1.1
NNA     25.72 157 eP    08 23.80    6.4X
        1.1s    63.29nm          5.0mb
                  eS    12 44.00
BLA     25.92  12 eP+   08 20.10    1.0
        2.0s    494.12nm          5.7mb
      Z  20s     7.80um          5.2Msz
FVM     26.21 354 eP    08 20.00   -1.7
        0.7s    18.37nm          4.7mb
ALQ     29.03 326 ePc   08 46.30   -1.3
        1.0s    72.50nm          5.3mb
      Z  18s     4.98um          5.2Msz
UTO     29.84   5 ePc   08 55.20    0.8
CHI     29.94 359 P     08 54.00   -1.3
PAL     31.21  19 eP    09 19.00   12.5X
ARE     32.01 151 eP    09 14.00   -0.1
GLD     32.16 333 eP    09 15.20    0.2
        1.6s    237.04nm          5.7mb
      Z  19s     3.34um          5.0Msz
GOL     32.19 333 IP    09 15.00   -0.4
        1.0s    55.00nm          5.3mb
      Z  19s     2.83um          5.0Msz
RMU     33.12 323 eP    09 23.80    0.4
GLA     33.13 314 P     09 25.10    1.7
LPB     33.80 146 Pc+   09 28.50   -1.2
      Z  20s    15.96um          5.7Msz
                  S     14 50.00
                  LR    20 15.00
RSNY    34.28  16 IP    09 33.00   -0.1
        1.0s    41.00nm          5.3mb
      Z  20s    15.14um          5.7Msz
OTT     34.77  14 eP    09 36.00   -1.3
        1.0s    156.00nm          5.9mb
SLBC    34.85 312 eP    09 40.00    1.9
                  e     12 11.70
RSSD    35.37 339 IP    09 42.60   -0.1
        0.7s    41.42nm          5.5mb
MNT     35.40  16 IPc   09 42.50   -0.2
        1.0s    180.00nm          6.0mb
CCH     35.57 144 Pc    09 44.20   -0.6
                  i     12 13.20
LHC     36.50 357 ePc   09 50.10   -1.7
BDW     36.55 332 IPc   09 52.10   -0.5
        0.8s    17.23nm          5.0mb
VPEM    36.78 316 P     09 55.00    0.4
EUR     37.66 322 IP    10 02.50    0.4
        1.1s    24.68nm          5.1mb
TMI     38.07 330 P     10 05.60    0.2
MNA     38.39 319 eP    10 09.20    1.1
                  e     11 17.50
                  e     12 21.60
                  e     16 32.90
FRI     38.62 316 eP    10 09.50   -0.3
                  e     12 23.30
PRI     38.85 314 eP    10 11.80   -0.1
```

03d 07h

e 12 23.50
HPI 38.95 329 P 10 13.30 0.4
BMN 39.01 322 P 10 14.20 1.0
1.0s 32.50nm 5.2mb
RSON 39.29 353 eP 10 13.50 -1.7
0.7s 27.13nm 5.2mb
Z 20s 1.64um 4.9Msz
JAS1 39.60 317 eP 10 17.90 0.0
i 12 25.40
e 16 14.00
SAO 39.70 315 eP 10 23.00 4.2X
YJA 39.81 148 ePc 10 20.50 0.2
LRM 40.21 332 ePc 10 23.50 0.3
PCC 40.72 315 e(P) 10 26.00 -1.1
BKS 40.80 316 eP 10 29.00 1.2
Z 20s 9.00um 5.6Msz
N 20s 5.00um
E 20s 14.00um
eS 16 52.00
eLQ 20 40.00
eLR 23 30.00
ORV 41.18 318 eP 10 31.50 0.6
MIN 41.67 319 eP 10 34.60 -0.5
SLA 41.95 150 ePd 10 38.20 0.7
WDC 42.40 319 e(P) 10 37.50 -3.4X
e 10 43.50
SES 43.22 338 eP 10 47.00 -0.5
LHD 43.44 332 iPc 10 49.70 0.4
LDM 43.48 333 iPc 10 49.20 -0.4
YKM 43.96 333 iPc 10 53.70 0.1
NEW 44.17 331 eP 10 54.00 -1.2
FFC 44.39 348 iPc 10 56.10 -0.7
1.1s 114.00nm 5.6mb
COR 45.09 323 iPc 11 04.00 1.5
STJ 45.70 32 eP 11 09.00 1.8
SCH 45.70 16 eP 11 05.50 -1.7
PNT 46.09 331 iPc 11 10.30 -0.1
EDM 46.35 338 iPc 11 11.20 -1.2
0.8s 82.00nm 5.7mb
ROCH 47.09 162 eP 11 18.00 -0.7
BAO 47.24 124 iP 11 13.40 -6.6X
PGC 47.59 328 eP 11 25.00 2.9X
MDZ 47.72 159 e(P) 11 23.60 0.2
PCH 47.85 161 eP 11 25.00 0.6
TCA 48.00 154 ePd 11 24.20 -1.4
SOB1 50.32 113 e(P) 11 47.00 3.4X
PHC 50.89 328 eP 11 51.00 3.6X
VAO 52.26 132 eP 11 55.50 -2.7
e 12 06.00
e 12 17.70
ITR 52.39 111 eP 11 54.40 -4.9X
e 12 05.80
FRB 53.42 10 eP 12 03.00 -3.0X
LPA 54.02 151 iP+ 12 10.40 -0.5
Z 21s 3.58um 5.4Msz
iS 19 44.00
YKC 54.27 345 iPc 12 10.50 -1.9
0.7s 38.00nm 5.5mb
RSNT 54.30 345 P 12 11.50 -1.1
0.8s 44.01nm 5.5mb
YKA 54.32 345 eP 12 11.40 -1.4
GDH 61.19 13 iP- 13 04.00 3.2X
Z 20s 7.80um 5.9Msz
i 17 10.00
i 21 50.00
INK 63.91 342 eP 13 17.00 -1.8
1.1s 92.00nm 5.6mb
RAGM 64.11 332 eP 13 06.88 -13.5X
MBC 66.68 352 iPc 13 34.70 -1.8
0.8s 26.00nm 5.2mb
KDC 67.08 328 e(P) 13 37.50 -1.8
COL 67.18 336 eP 13 39.00 -0.8
1.0s 45.00nm 5.4mb
Z 17s 4.42um 5.7MszX
IMA 69.88 336 P 13 57.40 0.7
TTA 70.04 333 eP 13 56.30 -1.3
ALE 71.36 3 eP 14 03.00 -2.2
0.9s 12.00nm 4.8mb
BRW 72.42 341 eP 14 09.50 -2.1
VAL 72.55 39 eP 14 12.00 -0.7
S 23 50.00
PTO 73.54 50 eP 14 07.00 -11.7X
DAG 73.59 13 iPc 14 14.80 -3.6X
0.5s 7.04nm 4.8mb
MTE 74.37 51 eP 14 23.30 -0.4
EKA 76.81 36 P 14 39.00 1.9
1.0s 11.10nm 4.7mb

TOL 77.07 52 iP 14 37.00 -1.9
ePP 17 42.00
ePPP 19 28.00
eS 24 50.00
iPS 25 33.00
iSS 29 40.00
iSSS 33 20.00
CRT 77.67 54 eP 14 44.00 1.7
LPF 78.56 43 eP 14 46.70 -0.1
GRR 78.65 43 iPc 14 47.00 -0.3
0.9s 17.00nm 4.9mb
FLN 78.86 42 eP 14 48.30 -0.2
LDF 79.12 42 eP 14 49.60 -0.3
MFF 79.30 44 iPc 14 50.50 -0.4
0.9s 9.80nm 4.7mb
EPF 80.04 48 eP 14 54.30 -0.7
0.8s 7.20nm 4.6mb
LFF 80.10 46 eP 14 54.20 -1.0
0.8s 9.90nm 4.7mb
LPO 80.45 46 eP 14 56.80 -0.3
0.9s 17.60nm 4.9mb
LSF 80.49 45 eP 14 56.60 -0.7
RJF 80.60 46 eP 14 56.80 -1.1
ADK 80.63 321 P 14 59.00 1.1
1.0s 60.00nm 5.4mb
TCF 80.95 45 iPc 14 59.00 -0.7
CAF 81.03 46 eP 14 59.10 -1.1
KIC 81.10 85 eP 15 02.30 1.2
MZF 81.22 45 eP 15 00.70 -0.4
0.8s 4.90nm 4.4mb
BGF 81.35 44 iPc 15 01.20 -0.6
AVF 81.66 44 eP 15 02.70 -0.7
0.8s 4.10nm 4.4mb
SSF 81.73 44 eP 15 02.80 -0.9
LOR 81.94 43 eP 15 04.30 -0.5
0.8s 8.00nm 4.6mb
DOU 81.99 41 P 15 06.00 1.0
Z 18s 5.00um 5.9Msz
e 26 02.00
SMF 82.02 44 iPc 15 04.40 -0.9
DBN 82.04 38 eP 15 06.00 0.8
ePP 18 18.00
LBF 82.06 44 eP 15 04.20 -1.3
ENN 82.72 40 eP 15 09.00 0.2
0.9s 6.00nm 4.5mb
e 15 15.00
e 15 30.00
WTS 83.05 38 eP 15 11.00 0.6
0.8s 9.00nm 4.8mb
e 15 17.50
e 15 29.00
e 15 37.50
KONO 83.15 31 eP 15 28.00 17.2X
HAU 83.48 42 eP 15 12.30 -0.5
NB2 83.64 29 P 15 14.00 0.7
1.3s 15.70nm 4.8mb
BSF 83.80 43 eP 15 13.90 -0.6
0.9s 7.20nm 4.6mb
CDF 84.01 42 eP 15 15.30 -0.2
ORO 85.03 45 e(P) 15 22.00 1.3
HFS 85.05 30 eP 15 20.30 0.0
0.5s 1.90nm 4.3mb
COP 85.53 34 eP+ 15 20.00 -2.8X
GRF 86.27 40 eP 15 28.00 1.3
1.3s 12.00nm 4.8mb
Z 19s 8.30um 6.2Msz
MOX 86.29 39 eP 15 25.00 -1.7
Z 19s 3.90um 5.8Msz
N 19s 2.00um
E 19s 3.00um
e 15 27.00
e(S) 26 00.00
eSS 31 30.00
KEV 86.96 19 eP 15 28.00 -1.6
Z 20s 1.80um 5.5Msz
ePP 18 52.00
eSKS 25 44.00
eSS 32 16.00
LR 52 10.00
CLL 86.97 38 eP 15 33.00 3.0X
1.8s 29.00nm 5.1mb
Z 21s 3.50um 5.7Msz
UPP 87.02 29 iP 15 22.00 -8.0X
BRG 87.66 39 eP 15 35.90 2.6
1.7s 25.00nm 5.0mb
Z 18s 3.00um 5.7Msz
N 18s 1.50um

E 18s 3.50um
e 15 54.00
SOD 87.89 21 iP 15 34.30 0.2
KHC 87.90 40 Pd 15 35.30 0.7
Z 16s 2.20um 5.7MszX
N 16s 1.60um
E 16s 1.80um
e 19 30.00
PRU 88.27 39 eP 15 39.00 2.7
Z 18s 5.30um 6.0Msz
N 18s 1.00um
E 18s 4.90um
e 19 17.00
LJU 89.37 43 e(P) 15 40.00 -1.6
e(S) 26 24.00
KJF 89.72 23 eP 15 40.00 -2.9X
ePP 19 16.00
eSKS 26 12.00
eSS 32 52.00
SUF 89.75 25 eP 15 46.00 3.0X
NUR 90.05 27 eP 15 56.00 11.6X
Z 20s 2.50um 5.6Msz
ePP 19 16.00
ePS 28 00.00
eSS 33 04.00
eSSS 36 28.00
LR 52 08.00
ZST 90.41 40 e(P) 15 48.00 1.7
KRA 91.55 38 eP 15 38.00 -13.6X
Z 20s 5.20um 6.6Msz
N 20s 1.60um
E 20s 4.40um
e 15 52.00
e 19 38.00
e 26 30.00
e 28 16.00
SBA 104.93 192 ePdiff21 05.40 254.0X
e 32 30.50
BLF 115.79 117 e(PKP)21 28.50 0.3
VIR 116.39 115 e(PKP)21 29.50 0.1
KSR 116.41 113 ePKP 21 30.00 0.5
SLR 117.66 113 ePKP 21 35.00 3.2X
Z 20s 2.84um 5.9Msz
BUL 117.81 107 iPKPd 21 32.60 0.4
0.8s 7.46nm
EVA 118.37 114 iPKPd 21 32.50 -0.7
KRI 118.54 103 iPKPd 21 33.00 -0.7
MTD 120.41 103 iPKPd 21 38.00 0.8
SHK 120.50 322 ePKP 21 36.40 -0.4
BJI 124.09 339 ePKP 21 44.00 0.5
WAM 124.40 234 ePKP 21 45.00 0.8
YOU 125.15 236 ePKP 21 48.20 2.4
RMQ 125.81 246 ePKP 21 49.00 1.7
TOO 126.75 232 ePKP 21 50.00 1.2
CTA 128.39 254 iPKPd 21 53.90 1.5
0.9s 9.24nm
SSE 129.48 328 ePKP 21 54.00 -0.1
Z 19s 1.70um 5.8Msz
N 19s 1.20um
STK 131.21 238 ePKP 21 58.00 0.6
LZH 131.25 348 ePKP 21 59.00 1.4
N 16s 1.70um
ePP 25 24.00
AVY 135.82 105 ePKP 22 08.20 1.4
WB2 139.58 253 ePKP 22 14.70 1.2
WRA 139.59 253 PKPc 22 09.60 -3.9X
0.7s 2.60nm
HKC 140.25 329 ePKP 22 13.00 -1.6
ePP 25 14.00
BAG 140.90 315 ePKP 22 09.00 -7.1X
KMI 142.06 346 ePKP 22 14.00 -4.1X
DAV 142.59 299 ePKP 22 15.00 -4.0X
SHL 142.79 2 iPKP 22 19.20 -0.1
AAI 144.30 280 ePKP 22 21.10 -0.8
0.7s 43.20nm
POO 144.35 32 ePKP 22 21.00 -0.9
KNA 145.15 259 iPKPc 22 24.20 1.0
WBN 145.40 241 iPKPc 22 24.10 0.6
0.7s 35.00nm
HYB 147.57 27 ePKP 22 28.00 0.8
RKG 148.93 221 iPKPd 22 33.40 4.5X
CHG 148.98 349 iPKPc 22 30.00 0.6
1.1s 50.63nm
CHTO 148.98 349 ePKP 22 29.70 0.3
1.1s 13.84nm
NWAO 149.50 223 ePKP 22 35.00 5.2X
LOE 149.70 343 ePKP 22 31.00 0.5

		•	28 25.00			
KLB	149.93	225	ePKP	22 35.00		4.5X
GBA	150.33	32	PKPc	22 31.00		-0.5
	0.9s	16.80nm				
MUN	150.76	223	ePKP	22 36.00		4.3X
BAL	151.24	226	iPKPd	22 39.80		7.3X
NST	151.77	345	ePKP	22 35.50		1.9
MRWA	152.53	228	iPKPd	22 21.30		-13.1X
		•		22 42.00		
		eS		27 27.00		
KHT	152.97	348	ePKP	22 37.00		1.7
KOD	153.13	36	ePKP	22 37.40		1.4
NAU	156.12	241	iPKPd	22 32.40		-7.0X
	0.5s	18.00nm				
SNG	159.66	338	ePKP	22 45.00		1.2
KLI	166.43	300	ePKPc	22 50.10		-0.2
	S.D. = 1.1	on 176 of 219 obs.				

• MAY 03, 1985 07h 05m 54.92± 1.85s
9.522 N ±24.2km 69.449 W ± 9.1km
DEPTH = 25.8 ± 6.4 km
4.9mb (15 obs.)
VENEZUELA (101)
Felt at El Tocuyo.

TOV	0.43	308	iPg	06 03.50		-0.6
	0.2s	2437.50nm				
CAR	2.67	68	iPnd	06 40.10		2.8
	0.3s	57.14nm				
FDF	9.62	57	eP	08 12.27		-2.7
		S		13 27.27		
HOJ	11.01	321	eP	08 35.95		2.0
		eS		10 32.99		
GWJ	11.06	321	eP	08 36.00		1.2
		eS		10 33.26		
STH	11.11	321	eP	08 34.85		-0.5
		eS		10 34.31		
BBJ	11.62	320	eP	08 41.29		-1.0
		eS		10 43.05		
LPF	68.56	42	eP	16 56.90		-0.7
GRR	68.75	42	eP	16 58.60		-0.1
	0.7s	6.30nm			4.8mb	
EPF	68.80	48	iPc	16 59.60		0.4
	0.6s	11.70nm			5.2mb	
MFF	68.94	44	iPc	17 00.10		0.2
	0.7s	11.00nm			5.1mb	
FLN	69.05	41	eP	17 00.70		0.1
	0.7s	11.90nm			5.1mb	
LDF	69.26	42	eP	17 01.90		0.0
LFF	69.32	46	eP	17 02.30		0.0
	0.6s	6.90nm			5.0mb	
LPO	69.61	46	iPc	17 04.00		0.0
RJF	69.91	45	eP	17 05.70		-0.2
CAF	70.25	46	iPc	17 08.00		0.0
	0.8s	12.00nm			5.1mb	
MZF	70 76	44	eP	17 11.00		-0.1
	0.7s	4.40nm			4.7mb	
BGF	70.98	44	eP	17 12.10		-0.3
AVF	71.35	44	eP	17 14.30		-0.3
	0.7s	3.90nm			4.6mb	
SSF	71.48	44	eP	17 14.90		-0.5
SWF	71.67	44	eP	17 16.30		-0.2
	0.7s	5.50nm			4.7mb	
LOR	71.74	43	iPc	17 16.60		-0.4
	0.7s	7.00nm			4.8mb	
INK	71 75	339	eP	17 15.00		-1.6
LBF	71.79	44	iPc	17 16.60		-0.7
	0.7s	3.40nm			4.5mb	
DOU	72.52	40	P	17 21.70		0.2
ENN	73.43	40	eP	17 27.00		0.2
	0.6s	11.00nm			5.1mb	
BSF	73.77	43	eP	17 28.60		-0.4
CDF	74.13	42	eP	17 30.90		-0.1
NB2	77.21	30	P	17 48.80		0.6
	1.0s	6.20nm			4.6mb	
CLL	77.92	40	e(P)	17 52.00		-0.2
KHC	78.31	42	P	17 55.50		1.0
HFS	78.39	30	eP	17 54.60		0.0
	0.6s	1.90nm			4.3mb	
BRG	78.52	40	e(P)	17 56.00		0.5
PRU	78.92	41	P	17 58.80		1.0
MLR	87.04	45	eP	18 40.00		0.2
BNG	87.30	86	iPd	18 41.40		-0.1
	0.9s	10.40nm			5.1mb	
	S.D. = 0.9	on 37 of 37 obs.				

& MAY 03, 1985 07h 12m 15.60s
61.772 N 150.738 W
DEPTH = 60.0km
SOUTHERN ALASKA (2)
<AGS-P>.

SUA	0.31	180	iP	12 25.75		-0.3
			iS	12 33.63		
PWA	0.43	106	eP	12 26.10		-0.8
SKT	0.43	299	iP	12 26.74		-0.2
			iS	12 35.44		
PMS	0.77	133	eP	12 29.70		-1.2
PLRM	0.79	103	iP	12 30.00		-1.0
			iS	12 41.75		
PMR	0.79	103	eP	12 29.95		-1.0
			eS	12 41.58		
PME	0.83	99	eP	12 30.20		-1.3
MSE	0.84	85	iP	12 31.33		-0.5
			iS	12 43.67		
CRP	0.85	234	iP	12 31.65		-0.3
			iS	12 44.23		
GHO	0.86	89	iP	12 31.50		-0.6
			iS	12 44.71		
SPU	0.87	227	iP	12 31.65		-0.4
			iS	12 43.97		
NKA	1.06	193	eP	12 35.97		1.4
SML	1.14	87	iP	12 34.90		-0.9
			iS	12 50.60		
KNK	1.15	107	iP	12 35.31		-0.5
			iS	12 51.32		
PTE	1.23	137	eP	12 35.75		-1.1
			iS	12 53.20		
SLKM	1.29	169	eP	12 36.47		-1.3
RDT	1.45	215	eP	12 39.30		-0.7
MPA	1.45	152	eP	12 38.80		-1.1
			iS	12 58.65		
PWL	1.48	127	eP	12 38.88		-1.4
			iS	13 00.43		
CFI	1.54	111	iP	12 39.95		-1.2
SCM	1.62	86	eP	12 41.67		-0.7
SEW	1.79	159	eP	12 45.52		0.9
TTV	1.88	111	eP	12 44.63		-1.3
			eS	13 07.83		
ILM	1.89	213	eP	12 45.58		-0.5
			eS	13 10.10		
GLI	1.97	115	iP	12 45.18		-2.0
VZW	2.14	108	eP	12 47.63		-1.9
			iS	13 14.08		
TOA	2.18	79	eP	12 49.50		-0.7
FID	2.30	115	eP	12 48.88		-2.9
KLU	2.32	95	iP	12 50.28		-1.8
SVW	2.44	256	eP	12 52.80		-1.0
TTA	2.72	298	eP	12 57.10		-0.7
FBA	3.41	22	eP	13 06.78		-0.7
IMA	4.50	345	eP	13 21.50		-1.4
	33 obs. associated					

? MAY 03, 1985 07h 13m 21.39± 1.12s
20.971 S ±25.9km 179.227 W ±15.5km
DEPTH = 635.2 ± 14.3 km
4.4mb (4 obs.)
FIJI ISLANDS REGION (181)

VUN	3.67	323	eP	14 46.10		-1.5
NDF	4.48	315	eP	14 54.50		1.5
KOU	15.43	269	iPc	16 36.20		3.2X
RMQ	29.77	253	eP	18 42.00		0.9
CTA	32.30	265	iPd	19 03.20		0.7
	0.6s	24.67nm			5.0mb	
STK	36.55	244	eP	19 37.00		-0.4
ASPA	43.30	257	iPd	20 31.30		-0.1
		•		22 14.00		
WB2	43.39	263	iPd	20 32.10		0.0
WRA	43.40	263	Pd	20 31.60		-0.6
	0.8s	15.70nm			4.5mb	
MTN	48.02	271	eP	21 07.00		-0.4
		•		26 00.00		
WBN	49.66	253	iPd	21 19.20		-0.1
MBL	56.54	258	iPd	22 07.50		-0.4
		e		22 43.00		
		e		26 15.00		
SPA	69.16	180	eP	23 27.80		0.2
	0.9s	9.09nm			4.2mb	
	Z 18s	1.69um			5.3Msz	
ALQ	88.59	52	eP	25 10.00		0.2
	1.0s	4.75nm			4.3mb	
	S.D. = 0.9	on 13 of 14 obs.				

? MAY 03, 1985 08h 34m 40.50± 6.48s
45.405 N ±38.7km 16.164 E ±37.7km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.5 (KBA).

CEY	1.26	286	iPgd	35 04.40		0.4
			iSg	35 19.50		
LJU	1.31	300	iPnc	35 04.50		-0.2
	0.6s	390.00nm				
			iSg	35 21.30		
VOY	1.71	292	iPnc	35 10.30		-0.3
TRI	1.71	281	ePg	35 10.50		0.0
			i	35 27.90		
			iSg	35 32.00		
KBA	2.57	312	iPnd	35 28.20		5.1X
			i(Pg)	35 30.80		
			i	35 32.80		
			iSn	35 49.00		
			iSg	35 52.40		
CTI	3.23	283	ePn	35 39.00		6.7X
			eSn	36 23.50		
KHC	4.12	336	eP	35 45.00		0.1
			e	36 31.30		
	S.D. = 0.4	on 5 of 7 obs.				

& MAY 03, 1985 09h 10m 46.86s
61.518 N 146.417 W
DEPTH = 30.9km
SOUTHERN ALASKA (2)
<AGS-P>.

KLU	0.24	96	iP	10 54.50		0.7
			iS	11 00.97		
VLZ	0.39	174	iP	10 55.43		-0.2
			iS	11 02.55		
VZW	0.47	188	iP	10 56.33		-0.5
			eS	11 03.40		
SCM	0.54	306	iP	10 57.43		-0.6
			iS	11 05.55		
TTV	0.58	217	eP	10 58.38		-0.2
			iS	11 07.15		
TSIM	0.60	119	iP	10 58.30		-0.7
			eS	11 07.58		
TOA	0.60	11	iP	10 59.07		0.1
KMP	0.67	90	iP	10 59.43		-0.6
			iS	11 09.38		
GLI	0.72	207	iP	11 00.05		-0.7
			iS	11 10.75		
CFI	0.73	243	iP	11 00.17		-0.7
			eS	11 12.10		
FID	0.77	182	iP	11 01.08		-0.4
SML	0.96	289	iP	11 02.93		-1.3
			iS	11 16.13		
KNK	0.98	265	iP	11 03.93		-0.6
			iS	11 17.25		
CVA	1.03	161	iP	11 04.86		-0.3
			iS	11 20.89		
BMRM	1.05	122	iP	11 04.28		-1.3
			iS	11 18.44		
PWL	1.14	235	iP	11 06.03		-0.7
			eS	11 21.80		
CSG	1.15	138	iP	11 07.33		0.5
			eS	11 24.18		
SGAM	1.18	149	eP	11 06.54		-0.7
			eS	11 24.11		
GHO	1.22	283	iP	11 07.13		-0.9
			iS	11 23.83		
GLB	1.25	92	eP	11 07.87		-0.5
			eS	11 24.37		
PME	1.26	276	eP	11 07.68		-0.7
			eS	11 24.67		
MSE	1.26	286	iP	11 07.25		-1.3
			iS	11 23.50		
PLRM	1.30	274	iP	11 08.40		-0.6
PMR	1.30	274	eP	11 08.35		-0.6
			eS	11 25.28		
RAGM	1.42	142	eP	11 11.18		0.4
			eS	11 29.17		
PTE	1.42	244	iP	11 10.07		-0.7
			eS	11 28.65		
PMS	1.54	261	eP	11 12.00		-0.5
			eS	11 31.87		
PWA	1.66	276	eP	11 14.12		-0.1
			eS	11 34.18		
MPA	1.77	236	eP	11 14.45		-1.3
			iS	11 38.32		

03d 09h

BALM	2.03	102	iP	11	18.45	-1.2
SUA	2.08	270	eP	11	19.62	-0.7
SLKM	2.11	243	eP	11	19.47	-1.3
SKT	2.48	283	eP	11	24.45	-1.5
YAH	2.56	115	eP	11	25.93	-1.4
COL	3.45	350	eP	11	38.00	-1.8
			i	11	41.20	
			eS	12	23.00	
FBA	3.45	350	eP	11	39.03	-0.7

36 obs. associated

MAY 03, 1985 09h 26m 34.74± 0.87s
39.131 N ± 7.3km 27.563 E ± 8.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.77	198	iPg	26	50.00	0.2
			iSg	27	01.50	
DST	0.95	60	iPn	26	52.70	-0.2
EZN	1.18	306	ePn	26	57.20	0.4
KCT	1.27	28	ePn	26	58.50	0.1
KGT	1.33	351	ePn	27	00.00	0.7
KHC	14.15	319	eP	29	56.00	-1.2

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

• MAY 03, 1985 09h 41m 02.83± 0.88s
38.839 N ±10.4km 21.306 E ± 9.0km
DEPTH = 10.0km (geophysicist)
3.8mb (1 obs.)
GREECE (364)
ML 3.6 (ATH).

VLS	0.87	221	ePg	41	19.30	-0.2
KZN	1.51	14	ePg	41	30.50	0.5
			eSn	41	49.00	
ATH	2.08	114	ePb	41	42.50	4.3X
			ePg	41	45.00	
			eSn	42	08.50	
PAIG	2.14	59	IPnd	41	38.70	-0.3
			eSn	42	05.20	
THE	2.20	35	ePn	41	41.40	1.5
			eSn	42	12.50	
GRG	2.28	21	ePnc	41	41.90	0.8
			eSn	42	13.50	
OHR	2.30	350	IPn	41	45.50	4.0X
OUR	2.55	53	IPnd	41	45.00	0.1
			ISn	42	17.80	
VAY	2.66	21	IPn	41	47.40	0.9
SKO	3.13	2	ePn	41	50.50	-2.6
			ePg	42	02.50	
			eSn	42	32.00	
			eSg	42	48.50	
MMB	3.31	33	iP	41	55.00	-0.8
BRT	3.76	304	e(Pn)	42	17.00	14.9X
VTS	4.02	20	iP	42	09.00	3.3X
			iSg	42	48.00	
PLD	4.17	37	eP	42	19.00	11.2X
KDZ	4.17	47	iPc	42	07.00	-0.9
			iSg	42	57.00	
DIM	4.57	44	eP	42	14.00	0.4
SGO	4.93	292	ePn	42	19.50	0.8
			e(Sn)	43	15.00	
PVL	5.20	33	iPc	42	26.00	3.5X
MLR	7.49	26	eP	42	57.00	2.2X
N82	23.10	347	P	46	09.40	-0.1
	0.8s		2.30nm			3.8mb

S.D. = 1.2 on 13 of 20 obs.

% MAY 03, 1985 09h 50m 54.71± 3.14s
39.477 N ±25.3km 29.551 E ±13.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.73	280	iPn	51	08.20	-0.8
GPA	1.00	35	ePn	51	13.50	-0.2
YLV	1.10	353	iPn	51	14.50	-0.9
KCT	1.20	310	ePn	51	17.00	-0.1
BNT	1.53	306	ePn	51	22.00	-0.1
EDC	1.56	304	ePn	51	22.20	-0.3
ISK	1.63	347	iPn	51	24.50	1.0
KGT	1.98	300	ePn	51	30.00	1.3

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

% MAY 03, 1985 09h 53m 30.22± 3.20s
39.474 N ±26.2km 29.523 E ±12.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.70	281	iPn	53	43.70	-0.5
GPA	1.01	36	iPn	53	49.50	0.1
YLV	1.10	354	iPn	53	50.50	-0.4
KCT	1.18	311	iPn	53	52.50	0.2
BNT	1.51	306	ePn	53	58.00	0.6
ISK	1.63	348	ePn	53	55.00	-4.0X

S.D. = 0.6 on 5 of 6 obs.

% MAY 03, 1985 09h 56m 04.62± 2.17s
39.616 N ±19.0km 29.456 E ±10.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.64	269	iPg	56	17.70	0.2
			iSg	56	29.70	
GPA	0.94	44	iPn	56	22.50	-0.1
YLV	0.95	356	iPn	56	23.00	0.2
KCT	1.06	307	ePn	56	24.50	0.0
EDC	1.42	301	ePn	56	30.20	-0.3

S.D. = 0.3 on 5 of 5 obs.

• MAY 03, 1985 10h 04m 53.56± 0.81s
63.419 N ± 8.5km 145.621 W ± 8.7km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)
ML 3.6 (PMR).

TOA	1.34	191	eP	05	15.40	-0.8
COL	1.77	328	eP	05	21.70	-0.6
PME	2.39	223	eP	05	30.80	-0.5
PWA	2.65	230	eP	05	34.70	-0.2
DWY	2.82	74	P	05	37.70	0.4
PMS	2.85	222	eP	05	39.00	1.2
IMA	4.36	311	eP	06	05.00	5.8X
TTA	4.73	269	eP	06	05.00	0.5

S.D. = 0.9 on 7 of 8 obs.

% MAY 03, 1985 10h 58m 12.91± 0.56s
40.416 N ± 5.3km 29.209 E ± 4.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.20	40	iPg	58	17.50	0.2
			iSg	58	20.50	
ISK	0.66	350	iPg	58	25.50	-0.5
			iSg	58	35.00	
KCT	0.67	256	iPg	58	26.00	-0.3
			iSg	58	38.50	
GPA	0.85	98	iPn	58	29.40	0.1
DST	0.92	209	iPn	58	30.20	-0.4
CTT	0.94	321	iPn	58	30.50	-0.3
BNT	0.99	267	iPn	58	32.00	0.4
EDC	1.03	267	ePn	58	32.20	-0.2
KGT	1.45	272	ePn	58	40.00	0.8
DMK	1.78	322	ePn	58	44.20	0.3

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

MAY 03, 1985 11h 23m 25.84± 0.82s
7.272 N ± 5.2km 93.079 E ± 4.7km
DEPTH = 38.5 ± 7.5 km
4.9mb (25 obs.) 4.2Msz (1 obs.)
NICOBAR ISLANDS REGION (704)

BSI	2.84	128	iPc	24	09.70	-0.1
PSI	7.39	128	iPd	25	18.50	4.5X
	0.6s		24.00nm			5.3mb
SNG	7.48	90	eP	25	16.00	0.7
NNT	8.42	51	eP	25	25.30	-3.1X
KHT	9.22	35	eP	25	39.00	-0.4
CHG	12.81	26	iPd	26	32.00	3.8X
	1.0s		17.00nm			5.0mb
CHTO	12.81	26	eP	26	29.00	0.8
	1.0s		16.50nm			5.0mb
LOE	13.14	39	eP	26	42.00	9.4X
KOD	15.71	282	eP	27	06.20	-0.2
			eS	29	42.80	
GBA	16.62	294	Pc	27	16.60	-1.0
	0.4s		12.80nm			4.4mb
KLI	16.84	135	eP	27	21.20	0.8
HYB	17.39	307	eP	27	25.50	-2.0
SHL	18.23	357	iP	27	26.30	-11.6X
			eS	30	50.00	
KAD	20.96	300	iP	28	08.00	-0.2
			eS	31	44.00	
KKN	21.70	341	eP	28	15.40	-0.4
POO	21.80	303	iPc	28	17.50	0.8
	0.8s		37.31nm			4.9mb

BOM	22.84	302	eP	28	29.00	2.2
			eS	32	26.00	
TRT	24.53	127	iPc	28	44.70	1.4
	0.5s		35.90nm			5.2mb
NDI	26.04	327	eP	28	57.20	-0.2
QUE	33.48	316	eP	30	05.50	1.5
BJI	38.63	29	eP	30	47.50	0.2
WBN	46.49	137	eP	31	51.00	-0.4
IR2	47.81	312	eP	32	02.00	0.2
WRA	48.78	124	Pc	32	08.20	-1.2
	0.9s		19.90nm			5.1mb
W82	48.79	124	iPc	32	08.30	-1.2
			i	32	21.20	
ASPA	50.35	129	eP	32	20.00	-1.4
			e	32	30.00	
MOI	58.86	303	eP	33	24.50	1.1
PRNI	58.89	301	eP	33	25.00	1.3
CTA	58.94	119	iP	33	35.20	11.1X
	1.0s		13.00nm			
JER	58.99	303	eP	33	24.00	-0.4
ADE	60.13	137	iPd	33	32.30	0.2
RMQ	63.54	124	eP	33	56.00	0.9
MTD	65.33	248	iPc	34	07.00	0.1
			ipP	34	20.00	45kmX
KRI	67.15	248	iPc	34	18.00	-0.7
			ipP	34	30.00	41kmX
VRI	68.41	317	eP	34	25.00	-0.9
HNR	68.65	103	e(P)	34	33.00	5.1X
MLR	68.87	316	eP	34	28.00	-0.9
BUL	68.98	245	iPc	34	30.70	0.7
	0.7s		8.56nm			4.9mb
			ipP	34	43.60	44kmX
VAY	70.61	311	eP	34	37.00	-2.4
SLR	70.93	240	eP	34	42.60	0.7
KJF	72.90	335	iP	34	52.00	-0.7
	0.5s		21.10nm			5.4mb
SUF	73.10	334	iP	34	52.90	-0.9
NUR	73.16	331	eP	34	43.00	-11.2X
Z	23s		0.20um			4.3MszX
			LR	10	00.00	
KRA	73.64	320	iPc	34	56.80	-0.5
SOD	74.38	338	iP	35	00.70	-0.5
KEV	75.05	341	eP	35	04.00	-1.1
			e	35	17.00	
ZST	75.27	318	iP	35	07.00	0.3
KSP	76.05	321	iP	35	11.00	-0.1
UPP	76.45	330	iP	35	12.30	-0.8
			i	35	25.50	
PRU	77.10	320	ePd	35	16.70	-0.3
BRG	77.54	320	iPc	35	19.10	-0.3
	1.3s		18.00nm			4.9mb
KHC	77.67	319	P	35	20.50	0.3
			e	35	32.50	
CLL	78.16	321	eP	35	22.00	-0.7
HFS	78.44	330	eP	35	23.40	-0.7
	0.7s		11.20nm			5.0mb
Z	18s		0.10um			4.2Msz
			LR	13	22.00	
CTI	78.86	315	e(P)	35	26.50	-0.4
GRF	79.23	319	eP	35	29.20	0.5
			e	35	29.60	
NB2	79.74	331	P	35	30.50	-0.7
	0.8s		8.00nm			4.7mb
OSS	79.91	316	eP+	35	33.10	0.5
VDL	80.38	316	eP+	35	35.50	0.3
SAX	80.46	317	eP+	35	36.00	0.3
LLS	80.70	316	eP+	35	37.10	0.3
DIX	81.81	315	ePd	35	43.40	0.6
CDF	81.83	318	eP	35	42.50	-0.1
EMS	82.15	315	eP+	35	45.00	0.6
HAU	82.46	317	iPc	35	45.80	0.0
	0.9s		6.50nm			4.7mb
WLF	82.52	319	Pc	35	46.90	0.9
LBF	84.13	317	iPc	35	54.30	-0.1
	1.0s		6.20nm			4.7mb
LOR	84.19	317	iPc	35	54.70	0.1
	1.0s		12.00nm			5.0mb
SMF	84.25	316	iPc	35	55.00	0.1
	1.0s		8.00nm			4.8mb
SSF	84.44	317	eP	35	56.40	0.5
	1.2s		8.90nm			4.8mb
AVF	84.57	316	iPc	35	56.60	0.1
	1.1s		8.60nm			4.8mb
BGF	84.94	316	eP	35	59.00	0.6
MZF	85.15	316	iPc	36	00.10	0.6
	0.7s		2.00nm			4.4mb
CAF	85.64	315	eP	36	02.00	0.0

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RJF     85.99 315 iPc    36 04.60    1.0
LPO     86.29 314 eP     36 06.20    1.1
        1.0s      8.00nm          4.9mb
FLN     86.93 319 iPc    36 08.50    0.3
        0.9s      9.80nm          5.0mb
MFF     86.99 316 iPc    36 08.80    0.3
        0.9s      6.50nm          4.9mb
LPF     87.40 318 eP     36 11.10    0.7
EKA     87.62 325 Pd     36 12.30    1.0
        0.7s      8.80nm          5.1mb
DAG     87.86 348 iPc    36 11.10   -1.0
        0.4s      6.78nm          5.3mb
ALE     89.67 357 eP     36 21.00    0.3
        0.7s      4.00nm          4.8mb
SBA     93.66 168 eP     36 37.20   -1.8
                  e      48 39.00
MBC     94.49   7 eP     36 43.00    0.0
     S.D. = 0.9  on  76 of  84 obs.

   MAY  03, 1985  12h 07m 33.83± 0.30s
   58.214 N ± 3.4km  148.787 W ± 2.9km
   DEPTH =  28.1km  (  3 depth phases)
   4.7mb ( 31 obs.)
 GULF OF ALASKA                  ( 15)
      ML 4.5 (PMR).

MID     1.76  45 eP     08 02.40   -0.5
CNPM    1.83 317 iPc    08 04.60    0.7
BRLK    1.90 326 iP     08 05.62    0.7
SEW     1.93 350 iP     08 05.80    0.6
                iS      08 29.18
KDC     2.03 258 eP     08 05.40   -1.3
HOM     2.07 316 ePc    08 08.60    1.2
MPA     2.30 353 iP     08 11.02    0.4
SLKM    2.42 343 iP     08 12.98    0.7
HIN     2.48  27 iP     08 13.47    0.2
CDD     2.64 288 eP     08 15.30   -0.2
PTE     2.66 358 iP     08 16.38    0.7
AUH     2.68 297 eP     08 17.02    0.9
OPT     2.72 304 eP     08 17.40    0.8
FID     2.80  24 iP     08 17.36   -0.4
GLI     2.81  17 iP     08 18.20    0.4
NKA     2 83 335 eP     08 20.57    2.5
KAIM    2.84  51 iP     08 17.82   -0.4
                eS      08 49.76
ILM     2.86 315 iP     08 18.48   -0.1
                iS      08 53.78
SGAM    2.94  37 iP     08 19.64    0.0
                eS      08 53.96
RDT     3.00 324 iP     08 20.60   -0.1
                iS      08 57.27
RED     3.01 319 iPd    08 20.80    0.0
PMS     3.07 353 iP     08 22.00    0.5
VLZ     3.18  22 iP     08 23.46    0.4
                iS      08 59.36
PLPM    3.39 357 eP     08 26.35    0.2
PMR     3.39 357 iPd    08 26.50    0.4
SPU     3.41 332 iP     08 26.66    0.3
SUA     3.41 344 iP     08 26.82    0.4
PME     3.43 358 eP     08 26.70    0.1
GHO     3.57 359 iP     08 29.30    0.5
MSE     3.64 359 iP     08 30.00    0.3
SCM     3.70  11 ePd    08 31.40    0.8
TOA     4.12  17 eP     08 36.80    0.3
BALM    4.33  46 eP     08 38.23   -1.2
SVW     4.52 313 eP     08 40.60   -1.6
PAX     5.04  18 ePd    08 49.80    0.2
TTA     5.92 326 eP     09 00.20   -1.8
COL     6.73   4 IP     09 12.10   -1.1
        0.8s     70.90nm          5.6mb
FBA     6.73   4 P      09 11.70   -1.5
SDN     7.05 251 eP     09 16.20   -1.5
DWY     7.40  34 P      09 21.20   -1.4
ABF     7.46  83 eP     09 20.20   -3.2X
IMA     8.21 346 eP     09 32.10   -1.9
INK    12.18  28 eP     10 26.00   -2.2
BRW    13.55 349 eP     10 45.00   -1.3
YKA    17.30  61 eP     11 34.10   -0.5
YKC    17.37  61 eP     11 35.00   -0.4
        0.9s     18.00nm          4.2mb
PNT    19.27 105 eP     11 58.00   -0.8
EDM    20.41  89 ePd    12 10.50   -0.5
MBC    20.92  19 eP     12 16.00    0.1
        1.0s     45.00nm          4.8mb
                 pP     12 27.00   45kmX
NEW    21.21 104 eP     12 20.00    0.7
SES    23.11  93 eP     12 39.00    1.0

GAS     25.00 127 P      12 58.00    1.5
LRM     25.22 104 eP     12 58.80    0.0
FFC     25.68  77 eP     13 05.00    2.4
        1.1s      9.00nm          4.3mb
HPI     26.37 108 P      13 10.00    0.5
BMN     26.83 118 eP     13 13.50   -0.1
EUR     28.17 117 IP     13 26.20    0.4
        1.0s      4.81nm          4.2mb
BDW     28.83 105 eP     13 31.00   -0.8
        0.7s      2.58nm          4.1mb
RSSD    30.76  97 eP     13 49.30    0.4
        0.6s      7.15nm          4.7mb
RSON    31.98  79 eP     13 59.50    0.3
ALE     32.28  14 ePd    14 02.00    0.4
        0.7s      6.00nm          4.6mb
ALQ     36.37 111 eP     14 36.00   -1.4
        1.2s      5.08nm          4.3mb
FRB     36.89  47 eP     14 49.00    7.9X
TUL     41.06  99 ePd    15 16.50    0.4
        0.8s      7.50nm          4.5mb
RLO     41.26  98 eP     15 17.80    0.0
DAG     41.65  15 iPc    15 20.80    0.3
        0.5s      8.45nm          ,4.7mb
                  i      15 29.00   28km
SCH     42.74  58 eP     15 30.00    0.3
KEV     52.29   2 iP     16 52.00    7.8X
        0.6s     11.70nm          5.0mb
SOD     54.68   2 iP     17 01.90    0.0
KJF     57.88   2 iP     17 25.00    0.2
        0.7s     18.70nm          5.2mb
                  i      17 33.20   27km
SUF     59.33   3 iP     17 34.80   -0.1
        0.6s      2.80nm          4.6mb
NB2     60.06  11 P      17 48.40    8.3X
        0.7s      3.80nm          4,6mb
HFS     61.19  10 eP     17 47.00   -0.7
        0.4s      1.10nm          4.3mb
     Z  15s       0.06um          3.9MszX
                  LR     44 02.00
NUR     61.50   4 iP     17 57.90    8.1X
        1.0s     24.00nm          5.3mb
EKA     63.47  21 P      18 03.00    0.1
        0.9s      5.20nm          4.7mb
DCN     64.50  24 eP     18 09.70    0.1
FLN     70.24  22 eP     18 54.30    8.6X
        1.0s      9.60nm          4.9mb
MOX     70.32  13 e(P)   18 55.00    8.8X
LDF     70.47  21 eP     18 55.90    8.8X
GRR     70.52  22 eP     18 56.40    9.0X
        0.8s     11.30nm          5.0mb
LPF     70.83  22 eP     18 57.80    8.5X
        0.7s      6.10nm          4.8mb
MFF     72.37  22 eP     19 07.80    9.2X
        0.7s      7.40nm          4.8mb
LOR     72.48  19 eP     19 07.80    8.6X
        0.9s      9.80nm          4.8mb
SSF     72.62  19 eP     19 08.80    8.8X
        0.8s     15.30nm          5.1mb
LBF     72.77  19 eP     19 09.40    8.4X
        0.9s      6.60nm          4.7mb
AVF     72.85  20 eP     19 10.30    8.9X
        0.8s     10.30nm          4.9mb
BGF     72.98  20 eP     19 11.00    8.8X
        0.8s      5.10nm          4.6mb
SMF     73.08  19 eP     19 11.50    8.8X
        0.8s      6.70nm          4.7mb
TCF     73.13  21 eP     19 11.90    8.8X
KBA     74.04  13 eP     19 08.50    0.0
        0.6s      4.50nm          4.7mb
                  i      19 17.80   30km
LFF     74.14  22 eP     19 17.30    8.4X
        0.7s      4.80nm          4.6mb
LPO     74.48  22 eP     19 19.20    8.3X
        0.8s     10.70nm          4.9mb
SPA    148.04 180 e(PKP)27 16.70    3.3X
     S.D. = 0.9  on  72 of  93 obs.

   MAY  03, 1985  13h 12m 41.07± 0.30s
   18.173 S ± 7.3km  176.984 E ± 5.4km
   DEPTH =  10.0km  (geophysicist)
   4.7mb (  8 obs.)  4.6Msz (  1 obs.)
 FIJI ISLANDS REGION             (181)
      Felt on western Viti Levu.

NDF     0.61  47 iPc    12 53.90    0.6
MSV     1.10  68 iPc    13 01.70   -0.1
SVA     1.40  88 iPc    13 05.50   -1.1

VUN     1.42  84 iP     13 05.50   -1.4
MBU     2.04  55 iPc    13 14.80   -1.1
KRO     2.45  70 iP     13 20.00   -1.8
AFI    11.60  70 P      15 30.00    0.1
                eS     17 51.00
KOU    12.22 257 iPc    15 38.70    0.5
SVO    18.93 296 eP     17 06.00    1.5
GNZ    20.42 178 P      17 22.00    1.0
MNG    22.41 183 P      17 40.30   -0.9
TCW    23.08 185 P      17 48.80    1.0
WEL    23.11 184 eP     17 48.00   -0.1
MSZ    27.49 194 P      18 31.50    2.1
CTA    29.08 261 iP     18 43.00   -1.0
        0.8s     10.07nm          4.7mb
                 iS     23 38.00
WB2    40.26 260 eP     20 17.70   -2.4
WRA    40.27 260 Pc     20 17.70   -2.5
        0.8s      5.90nm          4.3mb
ASPA   40.50 255 eP     20 20.00   -2.1
                  e     20 27.00
                  eS    26 36.00
WBN    47.12 251 eP     21 15.00   -0.5
SBA    59.92 182 iPc    22 49.10   -0.1
                  e     45 16.30
MAT    65.60 326 (P)    23 25.00   -2.4
     Z  20s       0.35um          4.6Msz
                  eS    32 30.00
SPA    71.94 180 eP     24 06.20   -0.3
        1.0s     13.50nm          5.0mb
GAS    80.41  43 P      24 56.70    2.1
JAS1   81.01  45 eP     24 58.10    0.5
WDC    81.03  42 eP     24 58.50    0.8
ORV    81.15  43 eP     24 59.00    0.7
VPEM   81.81  48 P      25 03.00    0.9
LOE    82.02 291 eP     25 04.00    0.8
MNA    82.80  46 eP     25 08.10    0.9
TTA    83.57  12 P      25 11.10    0.6
        1.0s     11.25nm          5.0mb
PMR    83.96  16 P      25 11.70   -0.6
        1.2s     20.83nm          5.2mb
BMN    84.42  44 eP     25 16.30    1.0
        1.4s      6.25nm          4.6mb
EUR    84.80  46 iP     25 18.80    1.4
        1.0s      2.31nm          4.4mb
CHG    84.99 292 eP     25 20.00    1.6
COL    87.08  14 eP     25 27.00   -0.8
ALQ    89.72  53 eP     25 41.00   -0.3
        1.0s      3.75nm          4.6mb
YKA    96.44  26 eP     26 20.70    9.4X
KSP   143.96 339 ePKP   32 17.50   -0.8
CLL   144.58 343 iPKPd  32 18.20   -1.1
        1.1s     14.00nm
                  i     32 23.20
COZ   144.63 326 ePKP   32 20.00    0.1
BRG   144.69 341 iPKPd  32 18.90   -0.7
        1.0s     12.00nm
                  e     32 29.00
PRU   145.27 340 PKP    32 20.70    0.1
                  e     32 30.00
                  e     32 54.00
WTS   145.37 349 ePKP   32 21.00    0 4
        1.0s     14.00nm
MOX   145.56 343 e(PKP) 32 21.00   -0.1
                  e     32 26.00
                  e     32 31.00
SRO   145.68 334 e(PKP) 32 27.00    5.7X
VAL   145.83   8 ePKP   32 26.00    4.6X
ZST   145.86 336 ePKP   32 22.00    0.4
                  i     32 32.50
KHC   146.33 340 PKP    32 24.40    1.9
        1.0s     10.50nm
                  e     32 59.00
GRA2  146.53 343 ePKP   32 25.40    2.7X
        0.9s     10.00nm
ENN   146.71 350 ePKP   32 31.00    8.1X
        1.0s     10.00nm
DOU   147.57 351 PKP    32 31.60    7.3X
WLF   147.73 349 PKP    32 29.80    5.3X
                  e     32 32.90
KBA   148.19 339 ePKP   32 27.00    1.3
        0.7s      4.50nm
                  i     32 35.00
FLN   149.42 357 ePKP   32 31.50    4.2X
LDF   149.57 356 ePKP   32 32.00    4.5X
CTI   149.66 340 e(PKP) 32 30.00    2.1X
GRR   149.81 357 ePKP   32 32.30    4.4X
LPF   150.18 357 ePKP   32 33.70    5.3X
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03d 13h

LOR	150.44	350	ePKP	32 34.10	5.2X	
GRC	150.53	352	iPKPc	32 41.40	12.4X	
SSF	150.69	351	ePKP	32 34.70	5.4X	
LBF	150.70	350	ePKP	32 34.50	5.2X	
AVF	150.98	351	ePKP	32 35.10	5.4X	
MFF	151.55	356	ePKP	32 36.60	6.0X	
TCF	151.63	352	ePKP	32 36.70	5.9X	
LSF	151.75	353	ePKP	32 36.60	5.7X	
BNG	154.88	249	ePKPc	32 42.30	6.1X	
	1.0s		7.90nm			
	S.D. = 1.2		on 46 of 67 obs.			

MAY 03, 1985 13h 35m 39.47± 0.53s
64.269 N ± 5.2km 150.398 W ± 6.1km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)
ML 3.8 (PMR).

COL	1.29	59	iPc	36 02.60	1.3
FBA	1.29	59	P	36 02.40	1.1
IMA	2.28	324	eP	36 17.00	1.4
PWA	2.64	175	eP	36 20.60	0.0
PME	2.72	166	eP	36 22.10	0.3
PMR	2.75	167	P	36 21.50	-0.6
TTA	2.85	244	eP	36 23.50	-0.1
TOA	2.90	137	eP	36 25.50	1.2
PMS	3.06	172	eP	36 26.20	-0.5
SVW	3.98	220	eP	36 39.50	-0.3
DWY	4.80	88	P	36 50.50	-0.8
KDC	6.62	190	P	37 17.40	0.5
BRW	7.46	344	eP	37 27.20	-1.4
INK	7.90	52	eP	37 34.00	-0.8
MBC	15.62	27	eP	39 21.00	2.6X
YKA	16.01	80	eP	39 24.20	0.9
YKC	16.07	86	eP	39 22.00	-2.1
	S.D. = 1.1		on 16 of 17 obs.		

* MAY 03, 1985 13h 38m 04.05± 0.88s
7.471 S ±10.3km 129.753 E ±22.2km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
BANDA SEA (280)

AAI	4.07	337	e(P)	39 05.40	-0.1
MTN	5.51	166	iPc	39 32.20	6.2X
	0.3s		189.00nm		6.1mb X
			e	40 34.00	
KNA	8.28	187	iPd	40 05.50	0.6
			eS	41 35.00	
WRA	13.17	161	Pc	41 10.90	-0.6
	0.2s		2.00nm		4.8mb
WB2	13.18	161	eP	41 10.80	-0.7
			i	41 13.20	
			iS	43 34.10	
ASPA	16.59	167	eP	41 56.00	0.1
			eS	44 56.00	
CTA	20.32	130	eP	42 41.00	0.7
	S.D. = 0.8		on 6 of 7 obs.		

? MAY 03, 1985 14h 04m 18.57± 5.17s
34.522 S ±37.7km 72.494 W ±46.3km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)

PCH	1.87	62	iPd	04 50.40	1.4
			iS	05 11.50	
ROCH	1.98	39	iPc	04 49.70	-0.9
PEL	2.04	48	iPc	04 51.30	0.0
			i(S)	05 12.00	
RTCV	4.25	52	ePd	05 26.30	3.7X
			S	06 25.40	
RTCB	4.33	47	eP	05 24.80	0.9
			i	05 31.20	
			S	06 22.20	
ZON	4.37	48	eP	05 32.00	7.6X
TCA	7.36	67	ePc	06 05.00	-1.6
			S	07 36.80	
SLA	11.50	34	e(P)	07 13.00	9.4X
ITR	40.41	59	eP	11 55.60	0.2
	0.7s		2.50nm		4.1mb
SPA	55.66	180	e(P)	14 11.00	17.4X
	S.D. = 1.4		on 6 of 10 obs.		

& MAY 03, 1985 14h 47m 53.00s
36.650 N 121.293 W
DEPTH = 5.0km (geophysicist)

CENTRAL CALIFORNIA (39)
<BRK>. ML 2.7 (BRK).

SAO	0.17	313	iPc	47 56.40	-0.1
LLA	0.28	97	iPc	47 58.80	0.1
PRS	0.32	191	iPd	47 59.40	-0.1
SLD	0.43	8	iP	48 01.90	0.3
GCC	0.68	304	eP	48 05.90	-0.7
PRI	0.72	135	eP	48 06.90	-0.4
			iS	48 20.20	
ARN	0.72	345	iP	48 07.50	0.0
MHC	0.74	338	eP	48 08.00	0.1
			iS	48 18.30	
PHAM	1.09	138	eP	48 13.00	-0.9
PCC	1.22	315	eP	48 14.50	-1.6
FRI	1.32	75	eP	48 16.20	-1.6
JAS1	1.45	28	iPc	48 19.20	-0.7
			iS	48 36.90	
	12 obs. associated				

MAY 03, 1985 15h 28m 33.90± 0.15s
9.276 S ± 3.5km 71.271 W ± 3.8km
DEPTH = 602.6km (18 depth phases)
5.1mb (67 obs.)
PERU-BRAZIL BORDER REGION (112)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 25C
Centroid Location:
Origin Time 15:28:38.6 0.6
Lat 9.12S 0.05 Lon 70.99W 0.07
Dep 605.8 4.2 Half-duration 1.6
Moment Tensor; Scale 10**24 D-CM
Mrr=-1.01 0.06 Mtt= 0.48 0.09
Mff= 0.53 0.11 Mrt=-0.01 0.11
Mrf= 0.53 0.09 Mtf=-0.27 0.09
Principal Axes:

	Val=	Plg=	Azm=
T	0.88	13	235
N	0.31	12	328
P	-1.18	72	99

Best Double Couple:Mo=1.0**24
NP1:Strike=310 Dip=34 Slip=-112
NP2: 155 59 -76

NNA	6.10	243	iPc	30 17.40	0.8
	0.6s		106.67nm		5.0mb
			eS	31 38.50	
ARE	7.15	182	eP	30 26.00	-0.2
ZOBO	7.60	157	eP	30 30.90	0.2
LPB	7.85	157	iPd	30 33.90	1.0
			i	32 07.50	
CCH	9.48	149	iP	30 49.50	1.2
			i	32 40.50	
QUR	11.58	321	eP	31 11.60	2.6
PSO	12.02	330	eP	31 17.50	4.2X
YJA	13.97	157	ePd	31 32.90	0.5
BOG	14.08	348	eP	31 37.50	4.1X
			eS	34 06.00	
SLA	16.32	161	ePd	31 56.80	1.9
BMG	16.34	354	eP	31 56.00	1.0
UAV	17.77	0	eP	32 11.20	2.5
SDV	18.05	2	eP	32 12.40	1.1
TOV	18.99	4	eP	32 20.50	0.6
UPA	19.92	335	iPc	32 30.00	1.7
	1.0s		70.00nm		5.2mb
CAR	20.12	13	iPd	32 31.00	0.7
	0.7s		73.97nm		5.4mb
ITB7	22.65	136	P	32 51.50	-1.6
TCA	22.82	165	ePc	32 58.80	4.2X
BAO	23.58	108	P	33 01.70	0.1
VAO	26.98	123	iPd	33 30.10	-1.2
			e	33 41.50	44kmX
SJG	27.66	11	iPd	33 36.50	-0.8
SO81	29.98	92	iPc	33 57.70	0.6
	0.4s		30.40nm		5.3mb
			e	35 34.00	
			e	36 39.70	
ITR	32.44	92	ePc	34 17.80	0.0
	0.9s		29.20nm		4.9mb
			e	34 20.00	
			e	34 26.70	
			e	34 36.60	
			e	34 40.40	
			epP	35 53.90	
			e	35 57.20	
			e	36 19.10	
			e	36 45.40	

			e	37 03.80	
TPM	39.24	316	iPc	35 17.00	3.2X
GFM	46.22	348	P	36 08.10	-0.1
RSCP	46.63	344	P	36 10.40	-0.8
	0.6s		65.44nm		5.3mb
BLA	47.03	350	P	36 14.40	0.2
NAV	47.20	350	P	36 15.30	-0.2
POW	48.92	339	P	36 26.60	-1.7
LTX	49.48	322	eP	36 32.30	-0.3
	1.0s		25.00nm		4.7mb
			pP	38 24.80	626kmX
RLO	50.43	335	iP	36 38.50	-0.9
TUL	50.54	334	iP	36 39.30	-0.9
	1.0s		225.30nm		5.6mb
			e	37 04.50	105kmX
OCO	50.96	332	ePd	36 42.30	-1.0
RSNY	53.65	357	eP	37 01.30	-1.0
	1.1s		48.84nm		4.8mb
			pP	38 53.30	597km
OTT	54.56	356	eP	37 08.00	-0.6
MNT	54.57	358	iPd	37 07.90	-0.8
	1.0s		155.00nm		5.3mb
ALQ	55.15	325	eP	37 12.20	-1.0
	0.8s		15.86nm		4.4mb
			epP	39 07.70	616kmX
GOL	58.08	329	P	37 33.10	-0.2
MBO	58.77	67	iPd	37 38.90	1.0
GLA	59.08	318	P	37 40.00	0.3
LHC	59.60	346	iPd	37 41.10	-1.7
	0.4s		83.00nm		5.1mb
RSSD	60.87	333	iP	37 51.40	-0.2
	0.6s		88.22nm		5.3mb
			pP	39 48.20	596km
DAU	61.70	326	P	37 57.30	0.2
BDW	62.48	329	iP	38 02.50	0.6
	1.2s		42.90nm		4.7mb
			pP	39 57.00	574kmX
VPEM	62.79	319	P	38 04.00	0.1
RSON	62.97	344	iP	38 03.10	-1.5
	0.8s		32.04nm		4.8mb
			pP	40 00.00	588kmX
EUR	63.79	323	iP	38 10.80	0.4
	0.2s		17.30nm		5.1mb
SCH	63.96	3	eP	38 10.00	-0.8
MNA	64.49	321	eP	38 14.90	0.2
FRI	64.63	318	eP	38 14.70	-0.7
PRI	64.79	317	eP	38 16.40	-0.1
HPI	64.97	328	P	38 18.00	0.3
BMN	65.14	323	iP	38 18.10	-0.6
	0.5s		7.54nm		4.4mb
			pP	40 18.00	600km
LLA	65.24	318	eP	38 19.40	0.2
PRS	65.36	317	eP	38 20.50	0.5
JAS1	65.63	319	eP	38 21.60	0.0
			e	40 31.80	672kmX
WCN	66.01	321	P	38 25.00	0.9
ARN	66.04	318	P	38 24.80	0.7
LRM	66.10	330	eP	38 24.60	-0.1
MHC	66.10	318	eP	38 25.00	0.3
GCC	66.17	317	eP	38 24.90	0.0
PCC	66.68	318	eP	38 28.50	0.5
BKS	66.79	318	eP	38 29.50	0.8
	1.0s		43.00nm		4.9mb
			epP	40 35.90	640kmX
BRK	66.81	318	eP	38 29.50	0.8
ORV	67.26	320	iPd	38 32.00	0.5
KIC	68.09	79	iP	38 36.70	-0.3
			(PP)	40 39.90	
WDC	68.49	320	iPd	38 37.30	-1.6
			e	40 37.10	589kmX
SES	68.74	334	iPd	38 40.20	-0.1
FFC	68.78	341	iPd	38 39.70	-0.7
	1.0s		48.00nm		5.0mb
FHC	69.53	320	eP	38 46.20	1.1
NEW	70.11	329	eP	38 48.00	-0.4
			pP	40 51.60	609km
EDM	71.78	335	iPd	38 57.40	-0.6
			pP	41 00.50	600km
PNT	72.05	329	iP	39 00.00	0.4
FR8	72.84	1	eP	39 02.00	-1.7
PGC	73.65	327	eP	39 09.00	0.4
AVE	73.93	51	iP	39 12.00	1.5
			i	41 19.00	619kmX
MTE	76.69	45	iPc	39 26.00	0.4
TAF	78.35	52	iP	39 29.00	-5.6X
YKC	78.90	341	iPd	39 36.50	-0.3
	1.0s		74.00nm		5.1mb

TOL 78.94 46 iP 39 36.00 -1.5
1.2s 7.00nm 4.0mb X
ePP 41 43.00
eS 48 52.00
RSNT 78.94 341 P 39 37.10 0.1
0.9s 27.31nm 4.7mb
pP 41 42.90 597km
YKA 78.96 341 eP 39 37.20 0.1
SPA 80.79 180 iPd 39 47.10 0.4
1.0s 115.50nm 5.3mb
i 41 55.20 607km
ECB 82.29 34 eP 39 55.40 1.2
1.0s 65.00nm 5.1mb
ECP 82.44 34 eP 39 53.60 -1.4
1.0s 110.00nm 5.3mb
EPF 83.14 44 eP 39 59.30 0.5
0.8s 22.50nm 4.8mb
MLS 83.63 45 eP 40 02.00 0.8
e 42 11.10 606km
LPF 83.95 39 eP 40 02.50 -0.1
0.9s 34.50nm 5.0mb
MFF 84.02 41 eP 40 02.80 -0.2
0.8s 10.70nm 4.5mb
LFF 84.04 43 eP 40 02.90 -0.2
0.9s 39.30nm 5.0mb
GRR 84.19 39 eP 40 03.50 -0.3
0.8s 37.10nm 5.1mb
LPO 84.26 43 eP 40 04.00 -0.3
1.0s 28.40nm 4.9mb
FLN 84.56 39 eP 40 05.50 -0.1
0.9s 63.50nm 5.2mb
RJF 84.68 43 eP 40 05.90 -0.4
1.0s 28.00nm 4.8mb
LDF 84.72 39 eP 40 06.20 -0.2
0.8s 46.70nm 5.2mb
CAF 84.93 43 eP 40 07.20 -0.3
1.0s 59.20nm 5.2mb
LSF 84.99 42 eP 40 07.30 -0.5
1.2s 41.30nm 4.9mb
TCF 85.45 42 eP 40 09.40 -0.6
1.1s 25.70nm 4.8mb
MZF 85.68 42 eP 40 10.70 -0.4
1.1s 29.30nm 4.9mb
BGF 85.96 42 eP 40 12.00 -0.4
1.0s 36.50nm 5.1mb
GRC 86.33 41 iPd 40 19.10 5.0X
i 42 23.70 575kmX
AVF 86.36 42 eP 40 13.60 -0.7
1.1s 23.90nm 4.8mb
SSF 86.54 41 eP 40 14.20 -1.0
1.1s 27.80nm 4.9mb
SMF 86.64 42 eP 40 15.10 -0.5
1.1s 43.90nm 5.1mb
LBF 86.83 42 eP 40 15.60 -1.0
1.1s 14.40nm 4.6mb
LOR 86.63 41 eP 40 15.70 -0.9
1.1s 26.80nm 4.9mb
PNL 87.21 332 eP 40 18.50 0.4
SBA 87.38 190 iPc 40 19.90 1.3
LRG 87.46 45 eP 40 19.50 -0.1
1.3s 48.10nm 5.1mb
LMR 87.54 46 eP 40 19.90 0.0
1.1s 31.60nm 5.0mb
FRF 87.69 45 eP 40 20.40 -0.3
1.1s 47.80nm 5.2mb
DOU 88.12 39 Pd 40 22.70 0.2
0.9s 137.50nm 5.8mb
pP 42 33.50 607km
UCC 88.18 38 Pd 40 24.00 1.3
EMS 88.54 43 eP+ 40 25.00 0.3
HAU 88.65 41 eP 40 24.50 -0.5
1.4s 25.10nm 4.9mb
INK 88.71 341 iPd 40 25.30 0.5
0.6s 62.00nm 5.7mb
DIX 88.86 43 eP+ 40 27.30 1.0
BSF 88.90 41 eP 40 25.60 -0.6
1.4s 48.40nm 5.2mb
WLF 88.97 39 Pc 40 27.20 0.9
ipP 42 37.70 604km
ENN 89.13 38 ePc 40 27.50 0.5
1.0s 42.00nm 5.3mb
MEM 89.14 38 P 40 27.20 0.1
pP 42 38.80 611km
MMK 89.23 43 eP+ 40 29.10 1.1
CDF 89.36 41 eP 40 28.00 -0.3
1.1s 26.30nm 5.1mb
MBC 89.87 350 eP 40 31.00 1.0
0.7s 36.00nm 5.4mb
WTS 89.99 37 ePc 40 32.00 1.0
1.2s 50.00nm 5.3mb
SLE 89.99 42 ePd 40 31.50 0.3
LLS 90.11 43 eP+ 40 32.70 0.7
SAX 90.43 42 eP+ 40 34.00 0.4
TNS 90.55 39 ePc 40 34.30 0.6
e 42 43.80 596km
OSS 90.84 43 eP+ 40 35.50 0.2
DAG 91.00 11 iPc 40 35.00 -0.2
1.2s 50.00nm 5.4mb
OGA 91.47 43 eP 40 38.50 0.3
CTI 91.73 44 eP 40 39.50 0.2
ALE 91.74 1 eP 40 38.00 -0.5
0.5s 6.00nm 4.9mb
FUR 91.90 42 eP 40 40.30 0.3
1.2s 52.00nm 5.4mb
GRF 92.18 40 eP 40 42.30 1.1
1.2s 13.00nm 4.8mb
PME 92.33 332 eP 40 41.60 0.0
0.8s 8.60nm 4.8mb
MUD 92.42 33 iPc 40 43.50 1.5
1.0s 28.00nm 5.2mb
MOX 92.62 39 eP 40 43.00 -0.2
1.9s 52.00nm 5.2mb
e 42 54.00 604km
COL 92.68 335 iP 40 43.30 0.2
pP 42 51.00 585kmX
FBA 92.68 335 P 40 43.00 -0.1
KBA 93.07 43 iPd 40 45.50 -0.1
1.0s 8.50nm 4.7mb
i 42 56.20 602km
KHC 93.59 41 iPd 40 48.00 0.3
1.2s 21.00nm 5.2mb
e 41 06.30 65kmX
e 42 58.80
CLL 93.60 39 eP 40 48.00 0.4
1.5s 22.00nm 5.1mb
BRG 94.11 39 iPc 40 50.90 0.9
1.3s 29.00nm 5.3mb
e 43 02.00 603km
PRU 94.35 40 eP 40 51.50 0.5
e 43 02.20 601km
NB2 94.42 29 P 40 51.20 0.0
1.0s 14.70nm 5.2mb
IMA 95.34 336 eP 40 55.20 -0.2
HFS 95.47 30 eP 40 55.50 -0.3
0.3s 1.50nm 4.7mb
KSP 95.58 40 iPc 40 57.70 1.1
id 43 08.10 599km
TTA 95.80 333 eP 40 57.00 -0.4
BUL 95.99 111 PKPc 40 59.30 0.0
SKP 43 10.40
BRW 97.27 341 eP 41 03.80 0.0
KRI 97.61 108 eP 41 04.00 -2.7
KRA 97.81 41 eP 40 57.70 -9.0X
e 41 02.50 15kmX
MTD 99.46 109 eP 41 15.00 0.1
i 43 27.00 609km
IR2 121.39 54 ePKP 46 21.00 -0.6
CAN 121.58 218 ePKP 46 21.50 -0.4
YOU 122.65 219 ePKP 46 22.00 -2.0X
RMQ 127.33 226 ePKP 46 33.00 -0.2
ADE 127.65 211 iPKPc 46 38.40 4.8X
MHI 127.96 51 ePKP 46 34.00 -0.2
e 48 52.00
CTA 132.93 231 iPKPd 46 43.40 -0.6
0.9s 13.03nm
QUE 135.85 56 ePKP 46 49.00 -0.5
KLG 138.34 197 ePKP 46 43.00 -10.9X
ASPA 139.04 217 ePKP 46 45.00 -10.4X
e 49 13.00
WBN 140.75 206 ePKP 46 50.00 -8.4X
MRWA 141.10 190 ePKP 46 52.00 -6.9X
WB2 141.54 221 iPKPc 46 53.70 -6.2X
i 47 02.10
e 49 17.50
WRA 141.54 221 PKPc 46 53.50 -6.4X
0.3s 4.40nm
MAT 141.90 320 (PKP) 46 56.00 -4.0X
0.7s 15.07nm
MEK 143.08 195 iPKPc 46 59.20 -3.1X
0.5s 21.00nm
GUA 144.30 280 ePKP 47 03.30 -1.4
GUMO 144.35 280 ePKP 47 03.70 -1.0
PJG 144.35 280 ePKP 47 03.80 -0.9
POO 144.97 71 iPKPc 47 06.00 0.2
1.0s 170.00nm
NAU 147.69 192 ePKP 47 13.50 3.5X
MBL 147.85 200 ePKP 47 13.00 2.7X
e 49 30.00
KNA 148.19 219 ePKP 47 10.00 -0.9
eS 49 31.00
BJI 148.65 349 ePKP 47 11.00 0.1
MTN 148.72 226 ePKP 47 11.00 -0.8
GBA 149.04 79 PKPd 47 12.10 -0.1
1.0s 44.30nm
HYB 149.58 71 iPKPd 47 12.50 -0.5
1.0s 50.00nm
e 47 18.00
DMN 151.21 48 ePKP 47 15.70 0.2
1.3s 93.00nm
KKN 151.23 47 ePKP 47 15.70 0.2
KMI 163.24 19 PKP 47 30.50 0.6
pPKP 47 41.00
sPKP 47 50.00
e 48 24.50
PP 52 09.00
CHG 166.59 44 iPKPd 47 32.60 0.0
1.3s 28.85nm
CHTO 166.59 44 ePKP 47 32.10 -0.5
1.5s 32.09nm
pP 48 39.60
PPI 167.26 139 ePKP 47 32.50 -0.7
PSI 168.26 123 iPKPc 47 34.00 0.1
1.1s 54.90nm
LOE 169.43 39 ePKP 47 34.00 -0.4
S.D. = 0.8 on 172 of 191 obs.

• MAY 03, 1985 15h 47m 21.31± 0.90s
52.505 N ±17.7km 169.478 W ±11.8km
DEPTH = 33.0km (normal)
4.2mb (5 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK 4.48 265 eP 48 28.50 -0.1
SDN 6.02 58 eP 48 49.00 -1.3
KDC 11.04 55 eP 49 58.80 -1.0
SVW 11.46 36 eP 50 06.70 1.0
TTA 12.65 29 eP 50 24.10 2.5
PMS 13.92 43 eP 50 35.20 -3.0X
COL 16.65 33 eP 51 20.00 6.7X
0.8s 12.31nm 4.1mb
INK 23.27 34 eP 52 24.00 -2.3
YKA 30.20 49 eP 53 31.40 1.0
EUR 38.51 88 eP 54 43.20 1.0
0.7s 4.33nm 4.4mb
BDW 40.43 79 eP 54 58.00 -0.1
LTX 52.81 89 eP 56 35.90 0.2
0.6s 1.10nm 4.0mb
HFS 67.69 358 eP 58 15.30 -1.4
0.3s 1.00nm 4.4mb
WRA 87.04 232 Pd 00 05.00 0.5
0.5s 0.80nm 4.2mb
S.D. = 1.5 on 12 of 14 obs.

• MAY 03, 1985 16h 53m 18.35± 0.86s
39.275 N ± 7.9km 23.131 E ±11.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.2 (ATH).

ATH 1.38 160 ePg 53 43.50 -0.1
eSn 54 02.00
KZN 1.47 315 ePn 53 42.00 -3.0X
VAY 2.09 348 iPn 53 52.40 -1.4
VLS 2.27 242 ePb 53 56.50 0.0
MMB 2.36 11 iP 53 59.00 1.3
OHR 2.56 317 ePn 54 01.20 0.6
KDZ 2.91 35 iPc 54 04.00 -1.5
iS 54 40.00
SKO 2.99 335 ePn 54 10.00 3.4X
VTS 3.32 1 eP 54 11.00 -0.4
iS 54 50.00
DIM 3.34 33 eP 54 13.00 1.4
S.D. = 1.3 on 8 of 10 obs.

? MAY 03, 1985 17h 11m 50.50± 2.18s
19.002 S ±36.3km 177.570 W ±25.7km
DEPTH = 447.3 ± 11.7 km
4.3mb (6 obs.)
FIJI ISLANDS REGION (181)

SVA 3.87 283 iPc 13 04.90 -0.1

03d 17h

VUN	3.89	284	iP	13 05.20	0.0	
MBU	4.07	299	iPc	13 06.60	-0.2	
MSV	4.34	286	iP	13 09.90	0.6	
AFI	7.52	49	P	13 36.00	-6.0X	
			S	15 00.00		
CTA	34.07	262	iPc	17 57.50	0.1	
	0.9s		8.40nm		4.2mb	
WB2	45.21	260	iPc	19 27.10	-0.8	
			e	20 56.30		
WRA	45.23	260	Pd	19 27.40	-0.6	
	0.3s		1.20nm		3.8mb	
ASPA	45.28	255	iPd	19 28.30	0.0	
MTN	49.57	269	eP	20 00.00	-1.2	
WBN	51.74	251	iPd	20 16.80	-0.3	
MAT	69.25	323	iPc	22 12.40	-0.6	
	0.8s		11.94nm		4.6mb	
BMN	81.47	42	eP	23 22.00	1.0	
	0.9s		2.73nm		3.9mb	
PSI	84.73	275	iPc	23 38.50	0.8	
	0.9s		24.80nm		4.9mb	
COL	86.70	12	eP	23 45.00	-1.1	
CHG	90.12	290	eP	24 05.00	2.0	
CHTO	90.12	290	iPd	24 04.80	1.8	
	0.8s		6.77nm		4.6mb	
INK	92.72	15	eP	24 13.00	-0.9	
YKA	94.99	25	eP	24 24.60	0.2	
NB2	137.55	354	PKP	30 22.70	-0.9	
	0.9s		2.20nm			
CLL	146.69	348	iPKP	30 42.00	2.4X	
	0.9s		18.00nm			
WTS	146.90	355	ePKP	30 42.50	2.6X	
	0.8s		6.00nm			
BRG	146.91	347	iPKP	30 42.50	2.5X	
	0.6s		12.00nm			
PRU	147.60	345	PKP	30 44.50	3.4X	
KHC	148.63	346	PKP	30 47.80	4.9X	
DOU	148.93	357	PKP	30 48.00	4.8X	
WLF	149.26	355	PKPc	30 49.50	5.8X	
FLN	150.22	4	ePKP	30 50.90	5.7X	
CDF	150.40	353	ePKP	30 51.90	6.3X	
GRR	150.57	4	ePKP	30 51.80	6.1X	
HAU	150.89	355	ePKP	30 52.80	6.5X	
LPF	150.91	5	ePKP	30 52.90	6.7X	
BSF	151.02	354	ePKP	30 52.90	6.3X	
LOR	151.78	358	ePKP	30 54.90	7.3X	
SSF	152.00	358	ePKP	30 55.40	7.5X	
LBF	152.06	358	ePKP	30 55.30	7.3X	
MFF	152.39	4	ePKP	30 56.00	7.6X	
TCF	152.79	0	ePKP	30 56.90	7.8X	
LSF	152.82	1	ePKP	30 56.50	7.4X	
S.D. = 1.0 on 19 of 39 abs.						

% MAY 03, 1985 17h 13m 03.12± 0.79s
41.038 N ± 5.6km 28.525 E ± 7.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

CTT	0.13	327	iPg	13 06.20	-0.1	
YLV	0.80	126	ePn	13 18.70	0.0	
KCT	0.80	189	iPn	13 18.20	-0.4	
BNT	0.82	214	iPn	13 19.70	0.7	
EDC	0.85	216	iPn	13 19.80	0.2	
DMK	0.97	324	iPn	13 21.70	0.1	
KGT	1.10	238	ePn	13 23.20	-0.5	
S.D. = 0.5 on 7 of 7 obs.						

% MAY 03, 1985 17h 46m 10.67± 0.87s
38.950 N ± 8.4km 27.677 E ±10.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.64	211	ePg	46 23.50	0.0	
			iSg	46 33.00		
DST	0.99	48	ePn	46 29.70	0.3	
EZN	1.37	310	ePn	46 35.80	0.1	
KCT	1.40	22	iPn	46 35.70	-0.5	
EDC	1.40	6	ePn	46 36.20	-0.1	
BNT	1.42	8	ePn	46 36.70	0.2	
S.D. = 0.4 on 6 of 6 obs.						

MAY 03, 1985 18h 02m 30.46± 0.77s
18.090 N ± 4.0km 146.668 E ± 7.8km
DEPTH = 87.7 ± 7.1 km
4.9mb (14 obs.)
MARIANA ISLANDS (216)

GUMO	4.80	201	eP	03 41.90	0.1	
PJG	4.80	201	eP	03 41.80	0.0	
GUA	4.83	201	eP	03 42.50	0.3	
	0.7s		115.07nm			
			eS	04 36.70		
KYS	18.00	342	eP	06 36.60	0.3	
OYM	18.48	341	eP	06 41.80	-0.4	
SRY	18.64	341	eP	06 43.40	-0.7	
TSK	18.96	343	eP	06 47.40	-0.1	
DDR	19.03	341	eP	06 48.40	0.1	
MAT	19.84	340	iPc	06 56.20	-0.6	
	0.6s		58.67nm		5.1mb	
PMG	27.33	179	eP	08 00.00	-9.1X	
BJI	34.21	316	eP	09 09.50	0.0	
WB2	39.68	198	eP	09 54.70	-1.0	
WRA	39.69	198	Pd	09 55.00	-0.8	
	0.6s		6.20nm		4.7mb	
ASPA	43.33	197	eP	10 26.00	0.4	
KLI	47.12	245	eP	10 55.50	-0.4	
WBN	48.11	205	eP	11 03.00	-0.4	
PPI	49.08	253	ePd	11 10.50	-0.5	
PSI	49.21	258	iPd	11 13.80	1.7	
	1.0s		39.30nm		5.4mb	
KKN	56.86	292	eP	12 08.80	-0.1	
	0.7s		12.00nm		5.1mb	
DMN	57.03	292	eP	12 10.30	0.2	
	0.4s		8.00nm		5.2mb	
GBA	66.42	277	Pc	13 13.70	0.9	
	0.5s		4.30nm		4.6mb	
KDD	67.24	274	eP	13 14.40	-4.0X	
INK	69.58	23	eP	13 31.00	-0.6	
QUE	72.46	297	eP	13 49.60	-0.3	
MBC	73.51	14	eP	13 55.00	0.1	
MHI	77.30	304	eP	14 18.00	0.7	
YKA	78.09	28	eP	14 21.70	0.8	
YKC	78.16	28	eP	14 21.50	0.2	
ALE	78.67	4	ePc	14 25.30	1.4	
	1.0s		13.00nm		4.8mb	
KEV	82.79	342	iP	14 46.90	1.1	
	0.6s		13.00nm		5.0mb	
SES	83.83	39	eP	14 52.00	0.5	
IR2	84.19	305	(P)	14 54.00	0.3	
SDD	84.24	340	iP	14 52.90	-0.3	
DAG	84.94	357	iPd	14 56.80	0.3	
	0.7s		10.27nm		4.9mb	
KJF	85.64	337	iP	15 00.50	0.3	
	0.8s		22.00nm		5.2mb	
SUF	87.06	337	iP	15 06.80	-0.4	
	0.4s		3.80nm		4.8mb	
FFC	87.11	33	eP	15 08.00	0.4	
	0.9s		5.00nm		4.6mb	
NUR	88.93	335	iP	15 15.50	-0.7	
UPP	92.06	337	iP	15 29.70	-1.0	
ALQ	92.92	52	e(P)	15 35.00	-0.4	
HFS	93.29	338	eP	15 35.20	-1.2	
	0.4s		1.80nm		4.8mb	
NB2	93.46	340	P	15 36.60	-0.6	
	1.1s		6.20nm		4.9mb	
YJA	149.56	103	ePKPc	22 13.80	6.1X	
S.D. = 0.7 on 40 of 43 obs.						

MAY 03, 1985 18h 09m 52.62± 0.68s
39.220 N ± 5.9km 22.855 E ± 7.3km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.1 (ATH).

LIT	0.92	342	ePgd	10 10.20	-0.1	
			eSg	10 24.10		
PAIG	0.95	42	ePg	10 11.80	1.1	
			eSg	10 24.70		
KZN	1.37	323	ePn	10 18.50	0.7	
OUR	1.41	38	ePbc	10 18.40	0.1	
			eSb	10 37.60		
ATH	1.42	151	ePn	10 19.00	0.6	
			eSg	10 38.00		
SOH	1.64	13	ePbc	10 22.20	0.5	
			eSb	10 43.90		
GRG	1.77	349	ePb	10 23.60	0.1	
KNT	1.94	1	ePnc	10 26.30	0.4	
			eSn	10 50.50		
SRS	1.98	16	ePn	10 26.30	-0.2	
VLS	2.06	240	ePn	10 27.00	-0.6	
VAY	2.11	354	iPn	10 28.40	0.0	
MMB	2.46	15	iP	10 33.00	-0.4	
KDZ	3.08	37	iPd	10 40.00	-2.1	
VTS	3.39	4	iPd	10 55.00	8.5X	
S.D. = 0.9 on 13 of 14 obs.						

* MAY 03, 1985 19h 23m 47.35± 0.80s
30.181 N ±28.9km 67.486 E ± 9.3km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
PAKISTAN (710)

QUE	0.46	271	iPc	23 57.50	-0.1	
			eS	24 08.00		
NDI	8.62	98	eP	25 52.00	-0.7	
			eS	27 25.00		
MHI	9.05	314	eP	26 01.00	2.1X	
KKN	15.75	94	eP	27 24.80	-3.8X	
	0.5s		28.00nm		4.7mb	
HYB	16.23	139	eP	27 40.50	5.9X	
GBA	18.89	149	Pd	28 18.90	11.3X	
	0.3s		3.00nm			
SHL	22.04	96	iP	28 42.00	1.0	
CHTO	30.68	104	e(P)	30 02.00	0.7	
	0.7s		1.11nm		3.8mb	
QIZ	39.88	96	eP	31 19.00	-0.8	
			pP	31 57.00	175kmX	
SUF	41.97	333	iP	31 36.50	0.1	
YKA	87.64	1	eP	36 37.00	3.8X	
S.D. = 0.9 on 6 of 11 obs.						

MAY 03, 1985 19h 26m 26.08± 0.67s
0.503 N ± 8.0km 97.992 E ± 9.6km
DEPTH = 31.3km (2 depth phases)
4.6mb (7 obs.)
NORTHERN SUMATERA (706)

PSI	2.37	23	iPc	27 05.90	2.3	
PPI	2.59	112	iPd	27 08.50	1.8	
			i(S)	27 38.00		
TSI	3.03	11	ePc	27 16.20	3.2X	
			e(S)	27 57.00		
KLM	4.47	55	eP	27 35.20	1.7	
			e	28 54.00		
BSI	5.64	332	iPc	27 48.60	-1.3	
			iS	28 49.50		
SNG	7.13	21	eP	28 10.00	-0.9	
KLI	8.69	128	eP	28 31.00	-1.6	
			e(S)	30 51.10		
NNT	12.13	8	eP	29 18.10	-1.7	
KHT	14.20	2	eP	29 54.20	7.0X	
LOE	17.19	12	eP	30 25.00	-0.7	
CHG	18.22	3	eP	30 37.00	-1.5	
GBA	24.16	303	P	31 45.00	4.3X	
	1.0s		15.40nm		4.5mb	
KMI	24.90	10	Pc	31 48.00	-0.1	
SHL	25.61	347	iP	31 55.30	0.7	
KKN	29.74	337	eP	32 32.20	-0.1	
	0.6s		12.00nm		4.9mb	
SSE	37.54	34	P	33 38.70	-0.5	
WRA	41.00	122	Pd	34 07.10	-1.1	
	0.5s		0.80nm		3.7mb	
WB2	41.01	122	eP	34 06.50	-1.8	
BJI	42.70	21	eP	34 22.00	0.2	
CTA	51.49	116	eP	35 39.00	7.8X	
BUL	70.86	249	iP	37 43.80	1.1	
	0.9s		4.20nm		4.5mb	
KJF	81.05	335	iP	38 40.00	0.8	
	0.7s		16.00nm		5.1mb	
			i	38 50.00	32km	
SUF	81.30	334	eP	38 41.00	0.5	
NUR	81.41	331	eP	38 32.00	-9.1X	
SOD	82.43	338	iP	38 47.20	0.8	
			i	38 57.00	31km	
HFS	86.72	330	eP	39 08.40	0.4	
	0.5s		1.10nm		4.3mb	
NB2	88.00	331	P	39 15.20	1.0	
	1.0s		3.60nm		4.6mb	
TUL	141.56	18	e(PKP)	45 51.00	-5.5X	
	0.7s		6.50nm			
BHO	143.26	18	ePKP	45 56.60	-2.9X	
S.D. = 1.3 on 22 of 29 obs.						

* MAY 03, 1985 21h 30m 27.70± 1.62s
33.355 S ±16.3km 71.723 W ±16.2km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
Felt (II) at Santiago.

ROCH	0.71	58	iPc	30 41.10	-0.7	
PEL	0.89	77	iPc	30 45.60	0.7	
PCH	1.04	105	iPc	30 49.80	2.3X	
MDZ	2.46	80	eP	31 12.10	3.6X	

			IS	31	46.30	
RTCV	3.07	62	eP	31	19.00	1.8
			S	32	02.20	
RTCB	3.10	54	eP	31	17.80	0.2
			S	31	59.00	
ZON	3.14	56	eP	31	19.00	0.8
CFA	3.42	60	ePd	31	22.40	0.2
TCA	6.36	74	ePc	32	01.20	-2.7
			S	33	11.90	
ANT	9.68	7	e(P)	33	02.50	12.5X
SLA	10.17	34	e(P)	33	06.00	9.0X
LPB	17.07	12	(P)	34	28.00	-0.4
			eLR	40	13.00	
SPA	56.82	180	e(P)	40	14.70	0.2
GBA	145.75	118	PKPd	50	05.70	-2.9X

S.D. = 1.4 on 9 of 14 obs.

MAY 03, 1985 21h 49m 28.33± 0.59s
44.335 N ± 3.6km 7.478 E ± 5.9km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.1 (LDG).

FOUF	0.54	292	P	49	38.85	-0.3
FRF	0.98	218	Pg	49	46.60	-0.3
			Sg	49	57.90	
LRG	1.19	223	Pg	49	50.40	-0.2
			Sg	50	04.80	
LMR	1.22	215	Pg	49	51.00	-0.1
			Sg	50	05.70	
ORO	1.34	15	ePg	49	52.00	-1.1
			e(Sg)	50	08.00	
CVF	2.04	150	Pn	50	03.70	0.6
			Sn	50	26.10	
SMF	3.45	313	Pn	50	23.30	0.2
			Sn	51	02.00	
LBF	3.61	318	Pn	50	25.60	0.1
			Sn	51	05.00	
AVF	3.80	312	Pn	50	28.70	0.6
			Sn	51	10.60	
LOR	3.87	320	Pn	50	29.40	0.2
			Sn	51	11.30	
SSF	3.90	316	Pn	50	29.90	0.4
			Sn	51	11.80	
CAF	3.91	281	Pn	50	28.90	-0.8
MZF	3.93	300	Pn	50	30.20	0.1
BGF	3.95	306	Pn	50	30.50	0.3
			Sn	51	13.80	
TCF	4.20	300	Pn	50	34.00	0.2

S.D. = 0.5 on 15 of 15 obs.

MAY 03, 1985 22h 13m 55.06± 0.58s
39.334 N ± 5.5km 22.911 E ± 4.5km
DEPTH = 10.0km (geophysicist)
3.7mb (3 obs.)
GREECE (364)
ML 3.9 (ATH). Felt in the Volos area.

LIT	0.83	337	IPgc	14	11.20	0.0
			eSg	14	25.00	
PAIG	0.84	45	ePgd	14	12.50	1.3
			iSg	14	25.80	
OUR	1.30	39	iPbd	14	19.50	0.5
			eSb	14	38.40	
THE	1.30	2	ePb	14	19.20	0.1
KZN	1.31	318	ePn	14	19.70	0.4
			eSn	14	40.20	
ATH	1.50	155	ePn	14	20.50	-1.5
			eSn	14	40.00	
SOH	1.52	13	ePbd	14	23.30	0.9
			iSb	14	44.60	
GRG	1.67	347	ePbd	14	25.10	0.6
KNT	1.83	360	ePnd	14	27.40	0.7
			eSn	14	51.80	
SRS	1.86	16	IPnd	14	27.60	0.4
VLS	2.15	238	ePn	14	33.30	1.8
MMB	2.34	15	IPd	14	34.00	-0.2
			IS	15	02.00	
PRK	2.61	91	ePn	14	39.00	1.0
EZN	2.68	78	eP	14	38.30	-0.8
KDZ	2.96	38	iPd	14	42.00	-1.0
			iS	15	18.00	
PLD	3.09	26	eP	14	45.00	0.3
VTS	3.27	4	iPc	14	48.00	0.7
			IS	15	27.00	
DIM	3.39	36	eP	14	48.00	-1.0
IZM	3.52	104	eP	14	52.50	1.5
KGT	3.56	70	eP	14	51.00	-0.4
EDC	3.94	74	eP	14	46.00	-10.9X
LCI	3.95	286	e(Pn)	14	55.50	-1.4
PVY	3.94	327	ePn	14	58.00	1.0
			eSn	15	45.50	
TTG	4.15	319	ePn	15	01.50	1.7
			eSn	15	51.50	
PVL	4.17	23	iPc	15	00.00	-0.1
JMB	4.19	40	eP	15	02.00	1.6
DST	4.43	85	eP	15	03.70	-0.2
ORI	5.04	280	e(Pn)	15	17.50	5.1X
BUC	5.60	24	eP	15	06.00	-14.4X
CLO	5.74	359	eP	15	20.00	-2.3
ISR	6.40	24	eP	15	32.00	0.4
MLR	6.55	19	ePd	15	34.00	0.1
DUI	6.85	293	e(Pn)	15	39.00	1.0
VRI	7.11	22	ePd	15	42.00	0.4
UPP	20.82	352	iP	18	36.20	-2.6
HFS	21.62	347	eP	18	44.60	-2.4
	0.6s		1.40nm			3.5mb
	Z 12s		0.09um			3.4MszX
			LR	27	01.00	
N82	22.91	345	P	18	59.00	-0.9
	0.8s		2.40nm			3.8mb
SUF	23.50	4	iP	19	05.30	-0.2
	0.7s		2.40nm			3.9mb
KJF	25.06	5	eP	19	19.00	-1.6

S.D. = 1.2 on 36 of 39 obs.

? MAY 03, 1985 22h 28m 19.82± 5.76s
39.382 N ±44.4km 22.921 E ±11.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT	0.79	335	ePgc	28	34.90	-0.3
			ISg	28	50.00	
PAIG	0.80	47	ePg	28	36.00	0.7
THE	1.25	2	ePg	28	42.60	-0.4
OUR	1.25	40	ePgc	28	43.10	0.0
			eSg	29	01.60	
SOH	1.48	13	ePg	28	47.00	0.5
			ISg	29	08.40	
GRG	1.62	346	ePg	28	48.90	0.3
			eSg	29	12.30	
KNT	1.78	359	IPnc	28	51.20	0.4
			iSn	29	15.20	
SRS	1.81	16	ePn	28	51.30	0.1
			eSn	29	15.40	
VAY	1.96	352	ePn	28	53.40	0.1
MMB	2.29	15	eP	28	58.00	-0.2
OHR	2.37	317	ePn	29	05.50	6.1X
KDZ	2.92	39	iP	29	06.00	-1.1

S.D. = 0.6 on 11 of 12 obs.

? MAY 03, 1985 22h 56m 40.53± 0.71s
21.680 S ±30.2km 179.590 W ±19.0km
DEPTH = 480.0km (geophysicist)
4.3mb (8 obs.)
FIJI ISLANDS REGION (181)

NOU	12.97	265	iPd	59	40.20	9.4X
RMQ	29.25	254	eP	02	06.00	1.9
	0.8s		43.00nm			5.0mb
CAN	30.62	237	eP	02	15.90	0.0
YOU	30.81	239	eP	02	17.40	-0.1
WAM	30.99	235	eP	02	18.90	-0.1
CTA	31.92	267	iPd	02	28.50	1.5
	0.6s		8.67nm			4.4mb
ASPA	42.82	258	iPd	03	56.20	-0.4
WB2	42.97	264	IPd	03	57.30	-0.5
WRA	42.98	264	Pd	03	57.20	-0.7
	0.5s		4.60nm			4.2mb
WBN	49.13	254	IPd	04	43.70	-1.5
	0.4s		17.00nm			4.8mb
BMN	84.72	43	eP	08	24.80	0.7
	0.7s		1.44nm			3.8mb
			pP	10	11.90	479kmX
EUR	85.00	44	eP	08	26.10	0.5
LTX	88.94	58	eP	08	45.50	1.1
	0.7s		0.90nm			3.7mb
CHTO	89.25	290	eP	08	46.80	1.0
	0.7s		3.02nm			4.3mb
COL	89.71	13	eP	08	46.80	-0.2
BDW	90.83	44	eP	08	52.80	-0.1
	1.0s		2.60nm			4.1mb
INK	95.79	16	eP	09	14.00	-0.7
SJG	117.73	80	ePdiff	10	43.00	-10.7X
KJF	133.78	344	ePKP	15	01.00	-1.8
SUF	135.40	343	iPKP	15	04.20	-1.7
NUR	137.63	342	iPKP	15	09.00	-1.2
UPP	139.95	347	iPKP	15	05.30	-9.1X
NB2	139.95	352	PKP	15	05.20	-9.3X
	0.5s		1.10nm			
HFS	140.45	350	ePKP	15	06.70	-8.6X
	0.5s		5.80nm			
EKA	146.29	4	PKP	15	26.00	0.6
	0.6s		3.50nm			
DMU	147.35	8	IPKPc	15	28.60	1.5
	0.5s		8.00nm			
KRA	147.76	336	ePKP	15	30.00	2.1X
DCN	147.85	9	IPKPc	15	29.80	1.9X
	0.8s		24.00nm			
KSP	148.34	341	IPKPc	15	31.50	2.7X
CLL	148.84	345	IPKPc	15	32.60	3.1X
	0.7s		24.00nm			
			i	15	39.70	
BRG	148.99	343	IPKPc	15	33.20	3.4X
	0.8s		21.00nm			
WTS	149.34	352	ePKP	15	33.50	3.3X
	0.8s		17.00nm			
			e	15	44.50	
PRU	149.62	342	PKPc	15	34.50	3.7X
			e	15	43.50	
MOX	149.78	346	ePKP	15	34.50	3.5X
ENN	150.65	353	ePKP	15	36.00	3.7X
	1.0s		11.00nm			
			e	15	46.00	
KHC	150.67	342	PKP	15	37.40	4.9X
			e	15	48.50	

S.D. = 1.1 on 21 of 36 obs.

& MAY 03, 1985 23h 40m 02.68s
62.137 N 156.187 W
DEPTH = 61.1km
CENTRAL ALASKA (1)
<AGS-P>. Felt at Palmer.

PWA	0.51	163	eP	40	17.00	2.1
MSE	0.65	117	iP	40	15.90	-0.7
SKT	0.65	257	IP	40	15.95	-0.6
			IS	40	26.70	
GHO	0.70	121	IP	40	16.65	-0.5
SUA	0.73	202	IP	40	17.20	-0.3
			iS	40	28.75	
PLRM	0.74	137	IP	40	16.70	-0.9
			IS	40	28.75	
PMR	0.74	137	eP	40	16.72	-0.8
			eS	40	28.02	
PME	0.75	132	eP	40	16.80	-0.9
SML	0.94	110	iP	40	19.30	-0.8
PMS	0.94	161	IP	40	19.60	-0.6
KNK	1.10	131	iP	40	21.80	-0.4
CGLM	1.20	227	eP	40	22.83	-0.9
CRP	1.28	228	eP	40	24.03	-0.8
			eS	40	41.55	
SPU	1.31	224	iP	40	24.37	-0.8
			IS	40	42.13	
SCM	1.38	101	eP	40	25.87	-0.3
			eS	40	44.75	
PTE	1.39	156	eP	40	25.65	-0.6
			eS	40	44.03	
NKA	1.49	200	eP	40	29.20	1.7
			eS	40	48.67	
CFI	1.50	129	eP	40	27.37	-0.3
PWL	1.56	144	eP	40	27.83	-0.7
			eS	40	47.55	
SLKM	1.64	181	eP	40	28.77	-0.9
			IS	40	49.08	
MPA	1.70	166	eP	40	29.47	-1.0
			eS	40	50.33	
TTV	1.82	125	eP	40	32.03	-0.2
			eS	40	55.23	
TOA	1.89	89	eP	40	33.10	-0.1
RDT	1.90	215	eP	40	32.88	-0.4
			eS	40	57.10	
GLI	1.95	129	eP	40	33.15	-0.8
			eS	40	59.83	
VZW	2.05	120	eP	40	34.30	-1.1
SEW	2.07	170	eP	40	36.25	0.6
KLU	2.13	106	iP	40	35.32	-1.2
			iS	41	06.10	
FID	2.26	126	eP	40	36.81	-1.5
ILM	2.34	214	eP	40	39.40	0.0

03d 23h

			eS	41	10.12	
SVW	2.79	251	eP	40	44.80	-1.1
TTA	2.81	289	eP	40	45.00	-1.2
COL	2.97	20	iPc	40	47.50	-0.9
			eS	41	20.00	
FBA	2.97	20	eP	40	47.50	-0.9
RAGM	3.19	121	eP	40	51.25	-0.2
IMA	4.23	340	eP	41	05.00	-1.2
DWY	5.25	64	P	41	18.00	-2.4
PNL	5.82	110	eP	41	26.00	-2.3
INK	9.31	41	eP	42	14.00	-2.6
YKA	16.41	73	eP	43	48.70	-1.3
YKC	16.48	73	eP	43	48.00	-2.8
MBC	17.51	24	eP	44	02.00	-1.6

42 obs. associated

MAY 04, 1985 00h 04m 22.24± 0.40s
6.315 S ± 4.2km 154.994 E ± 3.8km
DEPTH = 71.5 ± 3.7 km
5.3mb (13 obs.)
SOLOMON ISLANDS (193)
Felt (IV) at Panguna and Arawa.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 18C
Centroid Location:
Origin Time 00:04:25.6 0.6
Lat 6.75S 0.08 Lon 155.11E 0.09
Dep 57.6 6.3 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr= 4.11 0.27 Mtt=-2.25 0.50
Mff=-1.86 0.55 Mrt=-1.38 0.59
Mrf=-1.41 0.59 Mtf= 2.26 0.33
Principal Axes:

	Val=	Plg=	Azm=
T	4.93	67	133
N	-0.61	23	313
P	-4.32	0	43

Best Double Couple:Mo=4.6*10**23
NP1:Strike=154 Dip=49 Slip= 121
NP2: 291 49 59

BGA	0.25	48	iPc	04	32.70	-0.8
			eS	04	49.00	
PAA	0.49	88	iPd	04	33.80	-1.6
			eS	04	49.00	
RAB	3.52	307	e(P)	04	21.00	-54.6X
			iS	05	09.50	
VSG	5.51	122	eP	05	45.00	1.3
			eS	06	45.00	
SVO	5.55	121	eP	05	45.00	0.9
			eS	06	48.00	
KVG	5.60	311	eP	05	47.00	2.2
HNR	5.80	123	eP	05	48.00	0.3
			eS	06	53.00	
LMG	7.26	249	eP	06	07.00	-1.0
LAT	7.95	267	eP	06	18.00	0.6
PMG	8.35	248	eP	06	22.00	-1.0
MOM	8.68	299	eP	06	39.00	11.6X
CTA	16.11	211	iPc	08	07.60	1.9
	1.3s	26.92nm				4.2mb X
			iS	11	10.00	
NOU	19.37	146	iP	08	43.00	-2.1
RMO	20.93	196	eP	09	02.00	0.8
	0.7s	48.00nm				4.9mb
GUA	22.12	333	e(P)	09	13.90	0.7
	0.8s	65.67nm				5.1mb
PJG	22.18	333	e(P)	09	15.20	1.4
WB2	24.20	234	iPc	09	34.20	0.8
			iScP	13	13.10	
			eS	13	46.70	
WRA	24.21	234	Pc	09	34.20	0.7
	0.6s	45.70nm				5.1mb
COO	24.31	187	eP	09	35.00	0.5
MTN	24.40	253	eP	09	36.00	0.7
CMS	26.47	198	eP	09	53.00	-1.5
ASPA	26.63	227	eP	09	55.00	-1.1
			e	10	05.00	
			e	13	19.00	
			eS	14	28.00	
STK	28.35	205	eP	10	11.00	-0.6
WAM	30.26	190	eP	10	29.40	0.8
ADE	32.23	206	iPc	10	45.80	-0.1
WBN	33.52	231	iPc	10	56.70	-0.5
KRP	36.59	152	P	11	24.00	0.9
			PcP	13	44.00	
TAU	37.07	189	eP	11	28.00	0.9
MBL	37.09	243	eP	11	27.00	-0.6
GNZ	38.34	150	Pd	11	38.00	0.2
MNG	38.77	155	P	11	40.30	-1.2
TCW	38.78	157	P	11	41.40	-0.1
KLG	39.76	228	eP	11	51.00	1.2
MSZ	39.84	166	P	11	51.20	1.0
MEK	40.14	236	eP	11	53.00	0.0
NAU	41.34	243	eP	12	03.00	0.2
MRWA	43.25	233	eP	12	18.00	-0.4
MUN	44.27	230	eP	12	26.00	-0.6
RKG	44.66	227	eP	12	32.00	2.3
MAT	45.44	341	(P)	12	35.00	-0.9
PMO	56.65	104	iP	14	00.40	-0.4
	0.9s	50.00nm				5.6mb
PSI	56.69	277	ePd	13	59.40	-1.8
TPT	56.92	104	iP	14	02.20	-0.5
	0.9s	35.00nm				5.5mb
RUV	57.15	104	iP	14	03.60	-0.7
	0.9s	35.00nm				5.5mb
LOE	57.64	295	eP	14	06.00	-1.8
NNT	58.04	289	eP	14	10.10	-0.5
KHT	59.71	291	ePc	14	22.50	0.4
CHTO	60.61	296	iPc	14	28.70	0.5
	1.1s	60.95nm				5.6mb
DRV	61.14	187	eP	14	30.60	-0.4
SHL	68.95	300	iP	15	21.80	-0.6
SBA	71.76	177	eP	15	38.90	0.6
KOD	78.93	282	eP	16	20.80	0.3
HYB	79.05	289	eP	16	20.00	-0.8
GBA	79.47	285	Pc	16	23.10	0.1
	0.8s	28.80nm				5.3mb
POO	83.65	289	eP	16	44.00	-0.9
SPA	83.73	180	eP	16	45.20	0.7
	1.0s	50.00nm				5.5mb
MAW	85.02	203	iPc	16	51.70	0.9
INK	89.09	21	eP	17	11.00	0.5
PNT	91.74	41	iP	17	23.00	-0.2
	0.7s	8.00nm				5.2mb
BMN	92.36	50	iP	17	27.90	1.5
	1.0s	13.25nm				5.3mb
EUR	93.23	51	iP	17	32.50	2.0
	0.2s	44.66nm				6.5mb X
NEW	93.26	42	eP	17	30.00	-0.2
MBC	95.05	14	eP	17	38.00	0.1
YKA	95.74	28	eP	17	42.80	1.6
YKC	95.80	28	ePc	17	42.60	1.1
	0.5s	13.00nm				5.7mb
BDW	98.24	48	eP	17	53.90	0.6
	1.0s	3.60nm				4.9mb
KJF	111.21	338	ePKP	22	49.00	0.0
SUF	112.60	337	PKP	22	51.00	-0.6
NUR	114.42	336	iPKP	22	55.00	-0.2
FRB	114.73	20	ePKP	22	55.00	-0.7
HFS	118.87	339	ePKP	23	02.30	-1.4
	0.5s	1.80nm				
NB2	119.06	341	PKP	23	04.20	0.0
	2.1s	0.70nm				
BUL	121.10	242	iPKPc	23	08.80	-0.6
KRI	121.31	246	ePKP	23	08.00	-1.9
OTT	121.40	40	ePKP	23	09.00	0.0
MNT	122.67	39	iPKPd	23	11.00	-0.4
GCM	123.77	71	PKP	23	13.80	-0.5
BRG	125.05	331	iPKP	23	15.90	0.0
	0.8s	14.00nm				
CLL	125.22	332	iPKP	23	16.40	0.2
	0.8s	11.00nm				
PRU	125.32	330	ePKP	23	16.50	0.0
KHC	126.35	329	PKP	23	19.00	0.4
VAO	143.80	144	ePKP	23	49.90	-1.9
BAO	148.47	134	PKP	24	02.10	2.4X
SOB1	157.90	134	ePKP	24	13.40	0.6
			e	24	32.30	
			e	24	45.80	
ITR	159.92	138	ePKP	24	13.90	-1.2
	1.1s	6.60nm				
			e	24	53.80	

S.D. = 1.0 on 82 of 85 obs.

MAY 04, 1985 00h 25m 14.46± 0.68s
39.325 N ± 5.8km 22.943 E ± 6.3km
DEPTH = 22.8 ± 5.4 km
GREECE (364)
ML 3.3 (ATH).

PAIG	0.83	43	ePgd	25	31.10	1.0
			eSg	25	46.00	
LIT	0.85	336	ePgc	25	29.60	-0.8
OUR	1.29	38	ePbc	25	38.00	0.9
			eSb	25	58.30	
THE	1.31	1	ePbd	25	37.10	-0.2
KZN	1.33	318	ePn	25	37.00	-0.8
ATH	1.48	156	ePn	25	38.80	-1.1
			eSn	25	57.00	
SOH	1.53	12	ePbc	25	41.90	1.3
			eSb	26	04.00	
GRG	1.68	346	ePb	25	42.80	0.0
KNT	1.83	359	ePn	25	45.70	0.7
			eSn	26	10.70	
SRS	1.86	15	ePn	25	45.90	0.6
			eSn	26	10.90	
VAY	2.01	352	iPn	25	47.70	0.1
VLS	2.17	239	ePn	25	52.00	2.1
			eSb	26	23.00	
MMB	2.34	15	iPd	25	52.00	-0.3
OHR	2.42	318	ePn	25	56.50	3.0X
PRK	2.58	91	ePn	25	56.00	0.2
SKO	2.88	337	ePn	25	59.60	-0.3
KDZ	2.95	38	iP	26	00.00	-0.9
PLD	3.08	25	eP	26	11.00	8.2X
VTS	3.28	3	iPc	26	06.00	0.5
DIM	3.38	36	eP	26	19.00	12.0X
PVL	4.17	23	iP	26	13.00	-5.2X
MLR	6.55	19	ePc	26	52.00	0.0

S.D. = 0.9 on 18 of 22 obs.

MAY 04, 1985 00h 43m 11.70± 0.60s
45.018 N ± 5.9km 9.237 E ± 5.5km
DEPTH = 13.2 ± 3.6 km
NORTHERN ITALY (545)
ML 3.2 (LDG), 2.7 (KBA).

ORO	1.07	305	ePg	43	34.00	2.3
			eSg	43	48.00	
SAL	1.08	57	ePg	43	33.00	1.2
			eSg	43	49.50	
MMK	1.37	320	eP+	43	37.00	0.4
VDL	1.48	6	ePd	43	39.00	0.9
OSS	1.79	20	ePd	43	43.80	1.2
LLS	1.86	355	ePd	43	44.70	1.1
EMS	1.93	304	eP+	43	48.00	3.3X
CTI	1.98	58	ePg	43	44.50	-0.9
			eSg	44	15.00	
SAX	2.23	2	ePd	43	51.60	2.4
FRF	2.36	233	Pn	43	51.20	0.5
			Sn	44	21.30	
CVF	2.46	186	Pn	43	53.40	1.2
ZUL	2.53	347	ePd	43	53.60	0.4
LMR	2.59	230	Pn	43	53.90	0.0
			Sn	44	24.60	
LRG	2.59	234	Pn	43	54.30	0.3
			Sn	44	26.80	
SLE	2.80	350	eP+	43	56.30	-0.6
TRI	3.27	76	eP	44	38.30	34.8X
			e	44	56.70	
VOY	3.43	71	ePnd	44	03.50	-2.4
			i(Sn)	44	34.80	
			i	45	00.50	
KBA	3.53	53	e(Pn)	44	08.00	0.6
			iSg	45	05.70	
HAU	3.59	327	Pn	44	08.10	-0.1
			Sn	44	48.40	
CDF	3.65	339	Pn	44	08.40	-0.7
BUH	3.72	350	ePn	44	08.30	-1.8
SMF	4.11	295	Pn	44	15.30	-0.2
LBF	4.16	300	Pn	44	15.40	-0.9
			Sn	45	01.40	
LOR	4.36	303	Pn	44	18.50	-0.6
			Sn	45	07.30	
BGF	4.73	291	Pn	44	23.50	-0.8
TCF	5.09	287	Pn	44	28.50	-0.9

S.D. = 1.3 on 24 of 26 obs.

? MAY 04, 1985 01h 25m 54.30± 4.62s
39.575 N ±36.3km 22.928 E ±11.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT	0.62	327	ePgc	26	06.50	-0.4
			eSg	26	20.30	
PAIG	0.68	58	ePgc	26	07.70	0.0
			eSg	26	20.90	
THE	1.06	2	ePb	26	14.30	0.1
OUR	1.11	47	ePbc	26	14.60	-0.5
			eSb	26	33.70	
KNT	1.59	359	ePnc	26	22.80	0.3

		iSn	26	47.10	
SRS	1.62	18 ePnc	26	22.80	-0.2
		iSn	26	47.20	
VAY	1.77	351 ePn	26	25.30	0.2
MMB	2.10	17 iP	26	30.00	0.0
OHR	2.24	314 ePn	26	43.10	11.1X
KDZ	2.77	41 iPc	26	40.00	0.5
VTS	3.03	4 e(P)	26	53.00	9.9X
		i(S)	27	24.00	
WB2	118.73	93 ePdiff	41	20.20	15.6X

S.D. = 0.4 on 9 of 12 obs.

& MAY 04, 1985 03h 22m 46.10s
37.470 N 118.600 W
DEPTH = 6.0km (geophysicist)
3.7mb (1 obs.)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 4.7 (PAS), 4.6 (BRK). Felt (IV) in parts of Mono, Fresno, Mariposa and Tulare Counties, California. Also felt in Inyo County, California.

TIN	0.51	144 iPd	22	55.30	-1.0
PPK	0.55	94 iPc	22	56.50	-0.7
SVP	0.68	69 iPc	22	58.90	-0.9
LCH	0.79	107 eP	23	00.50	-1.5
MGM	0.88	92 iPc	23	02.45	-1.1
FRI	1.01	242 iPc	23	03.90	-1.6
MNA	1.02	20 iPc	23	05.00	-0.9
CWC	1.11	158 iP	23	06.00	-1.4
JAS1	1.51	288 iPc	23	12.60	-1.2
VPEM	1.64	157 P	23	15.20	-0.6
WKTM	1.68	176 P	23	16.20	0.0
CLC	1.84	154 iPd	23	17.40	-1.1
WCN	2.05	334 P	23	21.20	-0.5
LLA	2.06	246 iPc	23	21.20	-0.5
PRI	2.12	232 iPc	23	22.20	-0.5
SLD	2.13	260 P	23	22.00	-0.7
PHAM	2.18	222 P	23	23.00	-0.4
ARN	2.34	268 P	23	26.20	0.5
SAO	2.38	254 iPc	23	25.60	-0.7
MHC	2.43	268 eP	23	26.50	-0.6
		iSg	24	01.70	
PRS	2.49	244 eP	23	27.40	-0.5
GCC	2.75	262 eP	23	30.30	-1.2
EUR	2.88	45 iP	23	32.80	-0.8
BKS	2.91	279 eP	23	32.80	-1.0
BRK	2.93	279 eP	23	32.80	-1.3
ZSP	2.94	280 eP	23	32.90	-1.3
PCC	3.01	272 eP	23	33.30	-1.9
ORV	3.08	313 iPd	23	35.50	-0.7
SDW	3.11	156 P	23	34.60	-2.1
BMN	3.15	20 P	23	35.40	-1.9
MIN	3.71	322 eP	23	44.90	-0.4
WDC	4.37	317 eP	23	53.80	-0.7
SLBC	4.59	166 eP	23	56.00	-1.6
MSU	5.18	76 P	24	04.00	-2.3
LRM	9.53	27 eP	25	05.50	-1.5
ALQ	10.13	101 e(P)	25	09.00	-6.4
FFC	20.66	28 eP	27	26.00	-3.0
	0.7s	3.00nm			3.7mb

37 obs. associated

& MAY 04, 1985 03h 28m 44.80s
37.470 N 118.640 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.4 (PAS), 3.5 (BRK).

TIN	0.53	141 iPd	28	54.40	-1.0
		eS	29	02.00	
PPK	0.58	94 iPc	28	55.20	-1.4
SVP	0.71	70 iPc	28	57.70	-1.3
LCH	0.83	106 eP	28	59.50	-1.8
MGM	0.91	91 iPc	29	01.20	-1.6
FRI	0.98	241 iPc	29	02.70	-1.0
		iS	29	16.50	
MNA	1.03	22 iPc	29	04.10	-0.7
		iS	29	17.50	
CWC	1.12	156 iPd	29	04.60	-1.8
		eS	29	19.00	
JAS1	1.48	288 iPc	29	11.40	-0.7
		iS	29	30.50	
VPEM	1.66	156 eP	29	14.70	0.1
WKTM	1.68	175 iPc	29	14.90	0.0
LLA	2.03	246 ePc	29	20.30	0.3
WCN	2.04	335 eP	29	22.30	2.1
SLD	2.10	260 eP	29	21.50	0.6
PRI	2.10	231 ePc	29	21.30	0.3
SAO	2.35	253 iPd	29	24.90	0.3
MHC	2.39	268 ePd	29	25.50	0.2
PRS	2.47	243 ePd	29	26.40	0.2
GCC	2.71	262 e(P)	29	28.90	-0.8
ORV	3.06	314 e(P)	29	34.00	-0.6

20 obs. associated

? MAY 04, 1985 03h 58m 43.15± 7.74s
39.055 N ±59.6km 22.845 E ±16.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT	1.08	345 ePg	59	02.80	-0.7
		eSg	59	16.60	
PAIG	1.08	36 iPgc	59	03.90	0.4
		eSg	59	17.60	
OUR	1.55	34 ePbc	59	10.80	0.0
		eSb	59	29.60	
SOH	1.81	12 ePbc	59	14.90	0.3
		ISb	59	36.20	
GRG	1.93	350 ePb	59	17.00	0.7
		eSb	59	39.70	
KNT	2.10	1 ePnc	59	19.00	0.1
		ISn	59	43.00	
SRS	2.14	15 ePn	59	19.10	-0.2
		ISn	59	43.50	
VAY	2.27	355 iPn	59	21.00	-0.3
OHR	2.58	323 ePn	59	30.90	5.1X
MMB	2.62	15 iPd	59	26.00	-0.2
SKO	3.10	340 ePn	59	27.20	-5.8X
KDZ	3.21	36 iP	59	34.00	-0.7
VTS	3.55	4 eP	59	40.00	0.6
		iS	00	18.00	

S.D. = 0.5 on 11 of 13 obs.

? MAY 04, 1985 04h 08m 25.11± 3.94s
11.856 N ±57.0km 88.418 W ±20.3km
DEPTH = 33.0km (normal)
4.3mb (3 obs.) 3.8Msz (1 obs.)
OFF COAST OF CENTRAL AMERICA (76)

COM	5.66	321 iP	09	55.00	5.6X
VHO	9.66	305 eP	10	44.00	-1.2
TPM	12.47	306 eP	11	25.00	1.7
LTX	22.45	323 eP	13	22.70	-0.2
	0.7s	6.06nm			4.2mb
BHO	23.18	346 e(P)	13	29.20	-0.6
TUL	24.86	346 eP	13	45.90	-0.2
	1.3s	30.20nm			4.7mb
Z	18s	0.26um			3.8Msz
		e	14	05.40	
RLO	24.93	347 eP	13	46.00	-0.8
ALQ	28.23	327 eP	14	18.00	0.6
	1.2s	6.64nm			4.2mb
YKC	53.89	345 eP	17	47.00	-0.2
YKA	53.94	345 eP	17	49.00	1.5
INK	63.47	343 eP	18	55.00	1.2
CNPM	66.20	330 eP	19	20.30	8.7X
MBC	66.47	352 eP	19	14.00	0.9
CDD	67.21	329 eP	19	15.40	-2.7

S.D. = 1.4 on 12 of 14 obs.

MAY 04, 1985 04h 18m 31.27± 1.36s
56.439 N ±14.1km 151.997 W ±10.4km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
KODIAK ISLAND REGION (13)
ML 4.4 (TTG), 4.2 (ATH).

KDC	1.34	349 eP	18	55.40	1.6
BRLK	3.39	10 eP	19	23.30	0.2
RED	4.01	354 eP	19	32.80	0.8
MID	4.25	43 eP	19	34.60	-0.7
SDN	4.91	261 eP	19	43.50	-1.1
PMS	4.98	14 eP	19	44.70	-1.1
PWA	5.34	11 eP	19	44.70	-6.0X
PME	5.43	15 eP	19	51.70	-0.2
TOA	6.42	25 eP	20	04.50	-1.5
PNL	7.43	59 eP	20	19.50	-0.5
COL	8.73	12 eP	20	37.00	-1.2
INK	14.57	28 eP	21	57.00	0.4
YKA	19.71	57 eP	23	02.20	1.7
YKC	19.77	57 eP	23	05.00	3.9X
MBC	23.17	19 eP	23	39.00	3.8X
HFS	63.22	8 eP	28	59.60	1.6
	0.4s	1.50nm			4.5mb

S.D. = 1.3 on 13 of 16 obs.

• MAY 04, 1985 04h 27m 47.70± 1.08s
4.934 S ±19.5km 140.254 E ± 8.0km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
WEST IRIAN (201)

MDG	5.51	94 eP	29	10.00	0.4
PMG	8.16	123 eP	29	45.00	-1.9
LMG	8.78	117 eP	29	57.00	1.5
MTN	11.96	228 eP	30	39.00	0.1
		eS	32	50.00	
KNA	15.58	226 eP	31	27.00	0.3
		eS	34	18.00	
WB2	15.99	201 eP	31	38.20	6.3X
		eS	34	24.00	
WRA	15.99	201 Pc	31	44.90	13.0X
	0.7s	13.30nm			
CTA	16.16	159 eP	31	41.00	7.0X
	1.0s	10.50nm			3.9mb
ASPA	19.61	198 eP	32	20.00	3.6X
		e	35	56.00	
		eS	38	20.00	
WBN	24.82	210 eP	33	12.00	3.6X
PSI	41.98	280 P	35	37.50	-0.2
KIC	145.14	274 ePKP	47	24.30	-0.3

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

& MAY 04, 1985 04h 54m 34.40s
37.460 N 118.640 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.3 (PAS).

TIN	0.52	141 iP	54	43.80	-1.1
		eS	54	52.00	
PPK	0.58	93 iPc	54	45.00	-1.1
SVP	0.71	69 iPc	54	47.50	-1.2
LCH	0.82	106 eP	54	49.30	-1.5
MGM	0.91	91 iPc	54	51.00	-1.4
FRI	0.97	242 eP	54	52.30	-0.9
MNA	1.04	21 eP	54	53.70	-0.9
CWC	1.11	156 iP	54	54.30	-1.5
		eS	55	08.70	
JAS1	1.49	289 eP	55	01.20	-0.5
VPEM	1.65	156 eP	55	04.00	-0.1
WKTM	1.67	174 eP	55	04.30	-0.1
WCN	2.05	335 eP	55	10.30	0.4
SLD	2.09	260 eP	55	10.80	0.3
EUR	2.91	45 iP	55	27.50	5.2

14 obs. associated

• MAY 04, 1985 05h 25m 49.17± 1.67s
3.947 S ±21.1km 153.667 E ±15.1km
DEPTH = 209.9 ± 11.6 km
4.3mb (2 obs.)
NEW IRELAND REGION (190)

RAB	1.51	261 eP	26	24.00	-0.2
		iS	26	49.10	
BGA	2.66	146 iPd	26	36.00	0.1
		eS	27	18.00	
PAA	2.96	142 iPd	26	39.20	-0.2
		eS	27	23.00	
KVG	3.18	295 iPd	26	42.10	0.3
LMG	7.37	228 iPc	27	35.20	-0.1
PMG	8.44	230 eP	27	52.00	2.9X
CTA	17.60	204 iPd	29	43.60	0.9
	0.9s	6.72nm			4.1mb
WB2	24.64	228 eP	30	51.70	-0.6
WRA	24.65	228 Pd	30	52.10	-0.3
	0.4s	5.30nm			4.5mb

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

• MAY 04, 1985 06h 20m 38.40± 1.65s
33.205 S ± 5.8km 71.600 W ±13.1km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.55	65 iPd	20	49.10	-0.4
		iS	20	55.10	
TACH	0.71	129 iP	20	52.60	0.2

04d 06h

		iS	21 04.70		
LNV	0.76	168 iPd	20 52.60	-0.7	
		iS	21 04.30		
PEL	0.77	86 iPd	20 53.20	-0.3	
SAN	0.82	108 iPd	20 54.80	0.4	
		iS	21 08.80		
BACH	0.94	99 iPd	20 56.60	0.2	
JACH	0.99	59 iPc	20 55.50	-1.8	
PCH	1.00	115 iPc	20 57.60	0.2	
CHCH	1.07	133 iPd	20 59.00	0.4	
FCH	1.10	97 iP	20 59.00	-0.3	
		iS	21 16.50		
MDZ	2.33	83 iP	21 19.20	1.7	
RTCV	2.91	63 eP	21 27.20	1.5	
		S	22 09.80		
RTCB	2.92	55 ePd	21 25.30	-0.6	
		S	22 05.80		
ZON	2.97	57 eP	21 29.00	2.5X	
RTLL	3.24	56 ePc	21 31.20	0.8	
		S	22 16.80		
TCA	6.22	74 ePd	22 09.00	-3.6X	
		S	23 22.70		
SLA	9.99	34 e(P)	23 05.00	-0.2	

S.D. = 1.0 on 15 of 17 obs.

& MAY 04, 1985 07h 07m 12.60s
36.280 N 90.760 W
DEPTH = 6.0km
NEW MADRID, MISSOURI REGION (486)
<SLM>. mbLg 3.1 (SLM). Felt (IV) at Biggers, Arkansas.

POW	0.37	250 iP	07 19.20	-0.8	
DMV	0.92	62 P	07 29.20	-1.4	
OLY	0.97	217 P	07 29.50	-1.8	
ELC	1.59	50 P	07 40.50	-0.8	
FVM	1.72	9 P	07 42.50	-0.7	
PWLA	2.55	120 P	07 53.30	-1.9	
RSCP	4.25	98 P	08 18.80	-0.6	

7 obs. associated

• MAY 04, 1985 07h 39m 35.27± 1.07s
39.349 N ± 8.5km 23.209 E ±14.2km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.1 (ATH).

ATH	1.43	164 ePn	40 00.50	-0.7	
		eSb	40 19.50		
KZN	1.46	311 ePn	39 59.50	-2.3	
VAY	2.03	346 iPn	40 09.50	-0.4	
MMB	2.27	10 iP	40 14.00	0.5	
		iS	40 44.00		
VLS	2.36	241 ePb	40 16.00	1.3	
		eSb	40 46.00		
		eSg	40 49.00		
OHR	2.55	314 ePn	40 18.10	0.7	
SKO	2.95	333 ePn	40 34.50	11.5X	
VTS	3.25	360 eP	40 28.00	0.8	
		iS	41 07.00		

S.D. = 1.5 on 7 of 8 obs.

% MAY 04, 1985 07h 53m 55.30± 1.47s
40.846 N ± 9.8km 29.221 E ±12.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.30	157 iPg	54 01.60	0.0	
CTT	0.67	297 iPg	54 08.10	-0.5	
KCT	0.89	228 ePn	54 12.00	-0.4	
EDC	1.15	245 ePn	54 17.30	0.5	
DMK	1.47	312 iPn	54 22.20	0.4	

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

MAY 04, 1985 08h 27m 16.51± 0.71s
49.880 N ± 8.6km 18.439 E ± 5.7km
DEPTH = 10.0km (geophysicist)
CZECHOSLOVAKIA (547)
ML 2.9 (KBA), 2.6 (KRA).

KRA	0.99	79 ePg	27 34.90	-0.3	
		iSg	27 47.90		
KSP	1.68	306 ePn	27 46.50	0.5	
		iPg	27 48.10		
		iS	28 09.70		
ZST	1.90	208 i(Pn)	27 49.50	0.2	
JOS	1.95	134 ePn	27 50.50	0.5	
PSZ	2.18	153 ePn	27 53.20	-0.3	
PRU	2.52	274 ePn	28 01.90	3.8X	
		Pg	28 04.80		
		e	28 35.80		
		Sg	28 38.60		
BRG	3.04	291 ePg	28 12.80	7.3X	
		iSg	28 54.00		
KHC	3.26	259 Pn	28 08.00	-0.6	
		Pg	28 15.80		
		Sg	28 59.40		
CLL	3.75	295 ePg	28 28.00	12.4X	
		eSg	29 15.00		
KBA	4.40	232 iPd	28 25.00	0.0	
		iPgPg	28 39.80		
		i	29 29.80		
		iSg	29 37.80		
MOX	4.44	283 eP	28 39.00	13.5X	
		eSg	29 46.50		
GRC1	4.60	262 e(Pg)	28 43.80	16.1X	
		eSg	29 44.00		

S.D. = 0.5 on 7 of 12 obs.

& MAY 04, 1985 08h 59m 22.70s
37.460 N 118.640 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.4 (PAS).

TIN	0.52	141 iPc	59 32.30	-0.9	
		eS	59 39.50		
PPK	0.58	93 iPc	59 33.20	-1.2	
SVP	0.71	69 iPc	59 35.70	-1.3	
LCH	0.82	106 eP	59 37.30	-1.8	
MGM	0.91	91 iPc	59 39.10	-1.6	
FRI	0.97	242 eP	59 40.60	-0.9	
MNA	1.04	21 iP	59 41.90	-1.0	
CWC	1.11	156 eP	59 42.80	-1.3	
		eS	59 57.10		
JAS1	1.49	289 iP	59 49.50	-0.5	
VPEM	1.65	156 eP	59 52.50	0.1	
WKTM	1.67	174 iP	59 52.90	0.2	
WCN	2.05	335 eP	59 57.00	-1.2	
SLD	2.09	260 eP	59 59.00	0.2	
EUR	2.91	45 iP	00 16.00	5.4	

14 obs. associated

% MAY 04, 1985 10h 00m 28.89± 3.25s
39.481 N ±26.6km 29.531 E ±13.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.71	280 iPn	00 42.60	-0.3	
GPA	1.00	36 ePn	00 47.80	-0.1	
YLV	1.09	354 iPn	00 49.50	0.1	
KCT	1.19	311 ePn	00 50.50	-0.5	
BNT	1.52	306 iPn	00 57.00	0.9	

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

MAY 04, 1985 10h 14m 24.87± 1.35s
3.317 N ± 8.4km 96.322 E ± 9.3km
DEPTH = 84.4 ± 12.4 km
4.6mb (9 obs.)
NORTHERN SUMATERA (706)

TSI	2.25	85 e(P)	15 03.00	2.2	
		eS	15 39.00		
PSI	2.67	103 iP	15 06.00	-0.6	
		eS	15 34.50		
KLM	5.32	92 eP	15 36.80	-6.7X	
		e	16 19.20		
SNG	5.74	48 iPn	15 48.00	-1.3	
		iSg	16 52.50		
NNT	9.81	20 eP	16 43.00	-2.2	
LOE	14.97	20 eP	17 54.50	1.2	
GBA	21.27	300 Pc	19 05.50	-0.7	
	0.6s	15.20nm		4.5mb	
HYB	22.37	310 eP	19 18.50	1.4	
BJI	40.74	24 eP	22 00.00	1.1	
WRA	43.91	123 Pd	22 25.00	-0.2	
	1.0s	13.70nm		4.7mb	
WB2	43.92	123 eP	22 25.00	-0.3	
ASPA	45.37	128 eP	22 31.00	-5.8X	
CTA	54.24	118 iPc	23 44.80	0.2	
	1.0s	15.00nm		5.0mb	
YOU	61.57	132 eP	24 35.50	-0.3	
CAN	62.49	133 eP	24 41.70	-0.2	
WAM	62.80	134 eP	24 44.50	0.7	
MTD	66.94	250 iPc	25 11.00	-0.1	
KRI	68.81	251 eP	25 21.00	-1.8	
BUL	70.36	247 iPd	25 32.10	-0.1	
	0.7s	3.42nm		4.4mb	
BNG	77.57	274 iPc	26 14.00	0.0	
	1.0s	15.80nm		4.9mb	
KJF	77.82	335 eP	26 13.00	-1.3	
SUF	78.05	334 eP	26 14.00	-1.6	
SOD	79.22	338 iP	26 21.40	-0.5	
SRO	79.50	318 e(P)	26 24.70	0.9	
ZST	80.35	318 e(P)	26 29.00	0.7	
KSP	81.14	321 eP	26 33.00	0.6	
UPP	81.47	330 iP	26 48.70	14.9X	
PRU	82.18	320 eP	26 38.50	0.7	
BRG	82.62	321 eP	26 40.90	0.8	
	1.2s	11.00nm		4.6mb	
		e	26 57.00		
KHC	82.75	319 P	26 41.30	0.4	
CLL	83.24	321 e(P)	26 58.00	14.7X	
HFS	83.46	330 eP	26 44.50	0.3	
	0.5s	1.60nm		4.2mb	
CTI	83.93	316 iPc	26 47.50	0.5	
SAL	84.70	315 e(P)	26 51.50	0.8	
NB2	84.74	331 P	26 50.40	-0.3	
	1.3s	7.30nm		4.5mb	
EKA	92.68	326 Pd	27 28.80	0.3	
	0.9s	3.90nm		4.8mb	
ALQ	136.34	27 ePKP	33 38.00	-1.3	
	1.0s	3.00nm			
JCT	143.03	23 ePKP	33 49.00	-2.3X	

S.D. = 1.0 on 33 of 38 obs.

? MAY 04, 1985 10h 46m 41.06± 4.63s
39.369 N ±36.3km 29.572 E ±15.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA	1.08	31 iPn	47 01.30	-0.1	
YLV	1.21	353 iPn	47 03.60	0.0	
KCT	1.28	314 ePn	47 04.50	-0.4	
BNT	1.61	308 iPn	47 11.00	1.4	
ISK	1.74	347 ePn	47 11.50	0.0	
KGT	2.05	303 ePn	47 15.00	-1.0	

S.D. = 1.0 on 6 of 6 obs.

• MAY 04, 1985 12h 29m 58.18± 1.10s
36.963 N ±10.2km 27.800 E ±10.4km
DEPTH = 10.0km (geophysicist)
3.9mb (2 obs.)
DODECANESE ISLANDS (369)

YER	0.42	66 iPg	30 06.50	-0.3	
IZM	1.49	344 iPnc	30 25.80	0.7	
ELL	1.70	97 iPn	30 30.70	2.5	
BCK	2.28	77 iPn	30 39.40	2.9X	
DST	2.72	14 iPn	30 42.60	-0.1	
EZN	3.08	338 ePn	30 46.90	-0.9	
KCT	3.31	7 ePn	30 49.30	-1.8	
EDC	3.38	1 iPnc	30 51.30	-0.7	
BNT	3.39	2 iPn	30 51.80	-0.4	
KGT	3.50	354 iPn	30 53.30	-0.5	
YLV	3.80	18 iPn	31 10.30	12.2X	
GPA	3.86	30 ePn	31 01.00	2.1	
ISK	4.21	13 ePn	31 16.00	12.2X	
DMK	4.85	360 iPn	31 11.20	-1.7	
CSS	4.91	112 eP	31 15.00	1.2	
KDZ	5.04	339 iPc	31 15.00	-0.6	
		eS	31 54.00		
JMB	5.58	351 eP	31 26.00	2.8X	
VAY	5.95	319 ePn	31 30.00	1.6	
PVL	6.50	343 eP	31 39.00	2.9X	
VTS	6.65	329 eP	31 39.00	0.7	
HRI	7.48	117 eP	31 48.50	-1.5	
		eS	33 07.50		
PRNI	8.92	136 eP	32 08.00	-2.0	
		eS	33 41.00		
BRG	17.07	329 e(P)	34 05.00	6.7X	
	1.0s	10.00nm		3.9mb	
CLL	17.80	328 eP	34 14.00	6.7X	
HFS	24.89	343 eP	35 23.80	1.7	
	0.6s	1.40nm		3.8mb	

S.D. = 1.5 on 18 of 25 obs.

• MAY 04, 1985 12h 47m 09.96± 0.61s
16.668 N ± 8.4km 113.529 W ±10.0km
DEPTH = 10.0km (geophysicist)
4.7mb (17 obs.) 4.5Msz (1 obs.)

OFF COAST OF MEXICO (63)

OXM	13.43	77	iPc	50 24.50	1.0
TPM	13.97	78	ePd	50 31.00	0.6
VHO	16.08	86	eP	51 02.00	4.0X
BAR	16.19	350	eP	51 05.00	5.8X
GLA	16.36	356	eP	51 04.00	2.7
PLM	16.88	350	eP	51 11.00	2.9
TPC	17.51	353	eP	51 17.00	1.1
RVR	17.60	349	eP	51 21.00	4.1X
PAS	17.90	347	eP	51 17.00	-3.7X
MWC	17.95	348	eP	51 22.00	0.5
SBB	18.35	349	eP	51 27.00	0.6
JCT	18.61	40	eP	51 30.00	0.5
GSC	18.79	352	eP	51 33.00	1.3
ALQ	19.27	18	eP	51 36.00	-1.8
	1.2s		18.75nm	4.2mb	
CLC	19.41	350	eP	51 39.00	-0.3
ISA	19.42	348	eP	51 41.00	1.5
CWC	20.10	349	eP	51 47.00	0.1
PRI	20.41	343	ePd	51 53.00	3.0X
PRS	20.79	342	ePd	51 57.00	3.2X
LLA	20.93	343	ePd	51 58.90	3.6X
FRI	20.97	346	eP	51 55.70	0.0
SAO	21.21	342	eP	51 59.00	0.8
MHC	21.80	342	eP	52 05.00	0.7
JAS1	22.03	345	ePd	52 06.80	0.4
MNA	22.06	350	ePd	52 08.00	1.1
PCC	22.17	341	eP	52 11.00	3.2X
BKS	22.48	342	eP	52 15.00	4.2X
	1.1s		51.00nm	4.9mb	
BRK	22.48	342	eP	52 13.50	2.7
EUR	22.83	355	iP	52 16.00	1.4
	0.3s		7.31nm	4.7mb	
OCO	23.61	34	eP	52 22.50	0.6
ORV	23.84	345	eP	52 25.70	1.6
GOL	24.02	16	P	52 27.00	0.8
BHO	24.31	40	eP	52 28.50	-0.2
MIN	24.61	345	eP	52 34.00	2.2
TUL	24.83	36	eP	52 35.00	1.3
	1.0s		91.50nm	5.4mb	
Z	18s		1.27um	4.5Msz	
WDC	25.07	344	eP	52 36.20	0.2
RLO	25.44	37	iP	52 38.70	-0.9
FHC	25.69	341	eP	52 45.00	3.1X
BDW	26.24	7	eP	52 46.00	-1.2
	1.0s		5.40nm	4.2mb	
RSSD	28.52	14	e(P)	53 07.20	-0.7
	0.5s		0.76nm	3.7mb	
LRM	29.08	2	eP	53 12.80	-0.2
NEW	31.65	355	eP	53 35.00	-0.5
PNT	32.94	353	eP	53 47.00	0.3
	0.7s		5.00nm	4.6mb	
EDM	36.47	0	eP	54 16.00	-1.0
RSON	37.63	21	eP	54 24.30	-2.3
	1.2s		13.79nm	4.6mb	
BOG	40.50	103	eP	54 58.00	6.6X
			eS	01 08.00	
MNT	43.97	41	eP	55 17.50	-1.4
YKC	45.76	359	eP	55 32.00	-1.1
	0.7s		8.00nm	4.8mb	
YKA	45.78	359	eP	55 32.60	-0.6
PMR	51.46	339	P	56 17.50	0.2
SCH	52.22	32	eP	56 21.00	-2.2
INK	53.15	351	iPd	56 29.20	-0.6
COL	53.44	343	eP	56 31.00	-1.0
FBA	53.44	343	eP	56 30.10	-1.9
TTA	54.77	338	eP	56 40.20	-1.8
LPB	55.63	124	Pd	56 51.30	2.1
	1.0s		54.00nm	5.5mb	
			LR	15 07.00	
FRB	56.16	22	eP	56 50.00	-1.9
MBC	59.67	358	eP	57 15.00	-1.4
	0.7s		10.00nm	5.1mb	
YJA	60.84	128	ePc	57 28.40	2.8
BAO	72.18	113	iPd	58 39.60	2.0
DAG	74.98	14	iPc	58 50.90	-1.9
	0.9s		6.72nm	4.7mb	
VAO	76.08	119	eP	59 02.00	1.9
SOB1	76.28	104	eP	59 02.70	1.4
	0.8s		3.70nm	4.5mb	
			e	59 09.10	
ITR	78.44	103	eP	59 14.90	1.7
	0.9s		5.40nm	4.6mb	
			e	59 17.30	
			e	59 18.50	
			e	59 22.10	

NB2	90.97	24	P	00 13.20	-2.2
	0.8s		5.20nm	4.9mb	
SOD	91.26	14	eP	00 14.00	-2.5
HFS	92.49	24	eP	00 19.70	-2.6
	0.7s		2.20nm	4.7mb	
Z	14s		0.09um	4.4MszX	
			LR	39 44.00	
KJF	94.06	16	eP	00 28.00	-1.5
UPP	94.14	22	iP	00 28.30	-1.6
MAT	94.18	310	eP	00 30.00	-0.6
SUF	94.80	17	iP	00 31.90	-1.1
	0.6s		3.10nm	4.9mb	
NUR	96.07	19	eP	00 38.00	-0.8
WB2	115.86	256	ePdiff	02 07.80	-0.2
			eS	04 35.20	
CHTO	132.42	316	ePKP	06 28.30	1.2
	0.9s		3.84nm		
PSI	142.62	298	ePKPc	06 42.50	-3.6X
BUL	143.96	101	iPKPc	06 46.60	-1.8
	0.8s		5.97nm		
KRI	144.74	96	iPKPc	06 48.00	-1.7
MTD	146.61	95	iPKPc	06 54.00	1.2
GBA	148.03	340	PKPc	06 54.40	-0.5
	0.2s		3.60nm		
KOD	151.14	337	ePKP	07 06.40	6.2X
	S.D. = 1.5		on 67 of 80 obs.		

% MAY 04, 1985 13h 18m 04.50± 0.87s
39.093 N ± 7.9km 27.607 E ±13.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.74	201	ePg	18 19.10	0.0
			iSg	18 31.40	
DST	0.94	57	iPn	18 22.60	0.1
BNT	1.28	11	iPn	18 28.30	0.0
KCT	1.29	26	ePn	18 28.30	-0.1
KGT	1.38	350	iPn	18 29.80	0.1
	S.D. = 0.1		on 5 of 5 obs.		

? MAY 04, 1985 13h 18m 09.00± 6.50s
34.306 S ±42.0km 72.076 W ±33.9km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.65	58	iPc	18 22.50	0.5
			iS	18 33.50	
TACH	1.15	56	iPc	18 30.00	-0.5
			i(S)	18 46.20	
CHCH	1.24	73	iPc	18 31.80	-0.2
SAN	1.45	55	iPc	18 36.00	0.7
PCH	1.47	63	iP	18 35.10	-0.5
			iS	18 57.00	
ROCH	1.60	34	iPc	18 37.20	-0.4
BACH	1.63	55	iPd	18 37.90	0.1
PEL	1.64	45	iPc	18 38.10	0.1
FCH	1.78	57	iP	18 40.50	0.2
			iS	19 06.50	
	S.D. = 0.5		on 9 of 9 obs.		

% MAY 04, 1985 13h 19m 38.06± 0.92s
39.491 N ± 6.9km 27.919 E ± 9.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.56	78	ePg	19 55.60	6.1X
			iSg	19 59.60	
KCT	0.83	24	iPg	19 53.80	-0.3
			iSg	20 06.80	
EDC	0.86	357	iPg	19 54.10	-0.4
			iSg	20 06.70	
BNT	0.86	0	iPg	19 53.80	-0.9
			iSg	20 08.80	
KGT	1.07	334	iPn	19 57.80	-0.4
IZM	1.21	205	ePn	20 00.00	-0.6
EZN	1.28	286	iPn	20 02.40	0.7
MFT	1.38	340	ePn	20 04.30	0.9
YLV	1.55	46	ePn	20 06.80	1.0
	S.D. = 0.9		on 8 of 9 obs.		

% MAY 04, 1985 13h 34m 04.02± 2.02s
40.805 N ±18.2km 27.348 E ± 7.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

MFT	0.05	250	iPg	34 06.30	0.0
			iSg	34 07.80	
KGT	0.35	185	iPg	34 11.30	0.0
			iSg	34 17.30	
EDC	0.60	139	iPg	34 16.10	-0.1
			iSg	34 24.80	
BNT	0.63	136	iPg	34 16.80	0.2
			iSg	34 25.80	
KCT	0.95	126	ePn	34 22.00	-0.1
	S.D. = 0.2		on 5 of 5 obs.		

? MAY 04, 1985 16h 51m 26.79±19.18s
33.509 S ±20.6km 72.615 W ±154.1km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.10	114	iPd	51 46.10	0.2
			iS	51 58.50	
TACH	1.41	96	iP	51 49.70	-0.6
			iS	52 05.70	
ROCH	1.45	69	iPd	51 50.20	-0.9
SAN	1.63	89	iPd	51 53.30	-0.3
PEL	1.66	78	iPd	51 55.60	1.6
			i	52 03.40	
			iS	52 12.10	
CHCH	1.69	105	iPc	51 54.30	-0.2
PCH	1.76	94	iP	51 55.40	-0.1
BACH	1.78	86	iPd	51 55.70	-0.1
MDZ	3.22	80	eP	52 45.30	29.1X
	S.D. = 0.9		on 8 of 9 obs.		

MAY 04, 1985 18h 30m 09.50± 0.80s
40.779 N ± 8.1km 20.554 E ± 6.2km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

OHR	0.38	29	iPg	30 16.50	-0.8
			iSg	30 23.10	
KZN	1.04	117	ePn	30 29.00	-0.2
			eSn	30 49.50	
SKO	1.37	29	iPgc	30 35.20	0.7
			iSg	30 53.00	
VAY	1.62	70	iPn	30 38.50	0.4
PVY	1.87	347	ePn	30 44.60	2.7X
			eSn	31 12.20	
TTG	1.91	330	ePn	30 43.00	0.6
			eSn	31 09.20	
BDV	1.98	320	ePn	30 43.00	-0.5
LCI	2.03	258	e(Pn)	30 44.00	-0.1
			eSn	31 09.00	
VLS	2.60	179	ePg	30 57.50	5.2X
	S.D. = 0.7		on 7 of 9 obs.		

? MAY 04, 1985 18h 51m 43.64±10.01s
35.391 N ±23.1km 141.775 E ±78.2km
DEPTH = 23.8 ± 8.5 km
NEAR EAST COAST OF HONSHU, JAPAN(228)

CHO	0.83	294	eP	51 59.00	-0.3
			iS	52 04.50	
KYS	1.35	262	eP	52 06.60	-0.4
TSK	1.58	302	eP	52 09.80	-0.7
TOK	1.67	281	eP	52 13.00	1.3
			S	52 33.00	
SRY	2.05	277	eP	52 17.00	-0.3
OYM	2.07	272	eP	52 17.20	-0.4
DDR	2.19	287	eP	52 19.60	0.3
MAT	3.11	293	iPc	52 32.70	0.3
			eS	53 09.00	
	S.D. = 0.8		on 8 of 8 obs.		

? MAY 04, 1985 19h 53m 53.35± 6.13s
7.995 S ±60.5km 128.920 E ±26.1km
DEPTH = 138.1 ± 24.3 km
BANDA SEA (280)

MTN	5.29	156	iPd	55 12.80	1.4
			eS	56 13.00	
KUPT	5.67	247	ePc	55 16.00	-0.5
			eS	56 24.50	
KNA	7.71	181	eP	55 44.00	-0.2
			eS	57 11.00	
WB2	12.99	157	eP	56 52.50	-1.5
			iS	59 14.90	
MBL	15.76	213	eP	57 29.00	0.0
			eS	00 19.00	
WBN	18.18	187	eP	57 58.00	-0.3
			eS	01 15.00	
NAU	19.39	220	eP	58 12.00	1.0

04d 19h

MEK 20.98 207 ePD 58 30.00 2.9X
S.D. = 1.4 on 7 of 8 obs.

• MAY 04, 1985 20h 10m 02.39± 0.50s
57.596 S ±10.1km 24.711 W ±10.4km
DEPTH = 33.9km (normal)
5.0mb (5 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SPA 32.58 180 eP 16 32.00 -0.5
0.5s 4.63nm 4.6mb
VAO 38.13 326 eP 17 20.30 0.3
e 17 22.60
e 17 25.80
SBA 44.62 183 e(P) 18 12.90 0.3
BLF 45.17 73 eP 18 19.10 1.4
BPI 48.50 73 eP 18 40.00 -4.0X
EVA 48.77 74 eP 18 46.00 0.0
SLR 48.99 73 eP 18 47.60 -0.1
1.6s 40.00nm 5.2mb
ITR 49.86 342 eP 18 52.90 -1.4
SOB1 49.87 339 eP 18 54.60 0.2
0.5s 8.60nm 5.0mb
e 19 07.10
LPB 52.15 303 eP 18 55.00 -17.1X
eLR 33 10.00
BUL 53.80 69 IPd 19 24.00 0.0
0.9s 9.24nm 4.8mb
KRI 57.10 68 eP 19 47.00 -0.9
LSZ 57.72 66 IPc 19 52.40 0.2
0.7s 12.60nm 5.1mb
MTD 58.13 70 IPd 19 54.00 -1.1
KIC 65.78 22 eP 20 46.80 0.7
FRB 125.59 338 ePKP 29 02.00 1.8
YKC 138.17 316 ePKP 29 19.00 -5.2X
YKA 138.23 316 ePKP 29 24.00 -0.3
MBC 145.96 335 ePKP 29 37.00 -0.5
0.8s 10.00nm
BJI 149.40 108 ePKP 29 47.50 3.5X
COL 152.56 309 ePKP 29 53.00 5.1X
S.D. = 0.9 on 16 of 21 obs.

? MAY 04, 1985 20h 57m 15.86± 0.86s
21.552 S ±12.4km 68.533 W ±11.3km
DEPTH = 155.0 ± 19.7 km
CHILE-BOLIVIA BORDER REGION (124)

ANT 2.76 219 iP 58 00.80 -0.1
YJA 2.88 103 iPc 58 02.80 -0.1
S 58 38.80
SLA 4.22 139 ePd 58 20.20 0.2
S 59 10.00
LPB 5.01 5 eP 58 38.00 7.3X
S 00 11.00
ARE 5.78 331 eP 58 41.00 0.1
iS 59 47.00
VAO 20.01 98 eP 01 38.50 0.0
SPA 68.58 180 e(P) 08 08.70 5.0X
YKA 91.35 340 eP 10 11.40 6.8X
GBA 146.67 98 PKP 16 47.00 7.4X
0.6s 2.50nm
S.D. = 0.3 on 5 of 9 obs.

MAY 04, 1985 22h 19m 33.73± 0.94s
8.657 S ± 6.6km 115.134 E ± 7.9km
DEPTH = 127.5 ± 10.9 km
4.8mb (8 obs.)
BALI ISLAND REGION (283)

TRT 2.65 291 iPd 20 17.70 1.4
iS 20 43.60
MKS 5.49 52 iPc 20 55.00 0.5
MBL 13.23 160 eP 22 33.00 -4.8X
0.3s 7.00nm 4.6mb
NAU 13.81 179 eP 22 42.50 -2.8
KNA 15.07 119 eP 23 04.00 2.7X
MTN 16.26 106 eP 23 15.00 -1.1
MEK 18.15 170 IPd 23 38.20 -0.9
0.5s 24.00nm 4.7mb
PSI 19.71 304 ePc 24 00.40 4.9X
MRWA 20.47 178 IPd 24 B3.60 0.3
WBN 20.51 149 iPc 24 03.20 -0.5
0.5s 16.00nm 4.7mb
WB2 21.71 123 eP 24 14.70 -1.0
i 24 27.00
eS 28 06.70
BAL 21.89 176 eP 24 18.00 0.7

KLG 22.79 166 IPd 24 26.10 0.0
0.4s 22.00nm 4.9mb
KLB 22.95 174 eP 24 28.00 0.3
MUN 23.23 178 eP 24 31.00 0.7
ASPA 23.36 132 eP 24 32.00 0.3
NWAO 24.23 176 iPc 24 41.00 1.0
CHG 31.62 330 eP 25 47.00 0.2
CHTO 31.62 330 eP 25 46.70 -0.1
0.7s 1.11nm 3.7mb X
STK 33.73 137 iPc 26 04.80 -0.2
0.6s 16.00nm 5.0mb
YOU 39.77 135 iPd 26 56.70 1.0
CAN 40.76 136 eP 27 04.60 0.8
WAM 41.15 137 eP 27 08.50 1.5
GBA 43.47 300 Pc 27 24.70 -1.4
0.4s 5.60nm 4.6mb
DMN 46.31 322 IPd 27 48.10 -0.8
0.7s 27.00nm 5.1mb
KKN 46.34 322 iPd 27 48.20 -0.8
0.7s 13.00nm 4.8mb
SPA 81.40 180 eP 31 39.00 1.5
VAO 143.99 209 e(PKP)38 56.00 -0.6
S.D. = 1.1 on 25 of 28 obs.

% MAY 05, 1985 02h 08m 32.93± 0.91s
45.974 N ± 6.7km 2.966 E ± 6.8km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.3 (LDG).

MZF 0.36 312 Pg 08 40.90 0.6
Sg 08 46.10
BGF 0.59 352 Pg 08 44.80 -0.1
Sg 08 52.80
TCF 0.61 301 Pg 08 45.00 -0.3
Sg 08 53.20
AVF 0.86 18 Pg 08 49.50 0.0
Sg 09 00.70
SMF 0.90 42 Pg 08 50.20 -0.1
Sg 09 02.50
LSF 1.04 286 Pg 08 52.20 -0.3
Sg 09 05.40
CAF 1.23 212 Pg 08 55.90 0.1
Sg 09 11.30
S.D. = 0.4 on 7 of 7 obs.

• MAY 05, 1985 03h 18m 26.97± 0.34s
17.005 S ±12.0km 173.522 W ±12.7km
DEPTH = 33.0km (normal)
4.8mb (7 obs.)
TONGA ISLANDS (173)

NDF 8.65 264 eP 20 45.50 12.6X
NOU 19.58 251 iPc 23 04.50 9.2X
KOU 21.31 257 iPc 23 20.10 6.9X
GNZ 22.79 197 P 23 29.00 1.1
KRP 22.95 203 P 23 30.00 0.6
MNG 25.38 200 P 23 50.90 -1.9
CAN 37.98 234 eP 25 45.10 1.4
YOU 38.14 236 eP 25 49.20 4.2X
CTA 38.20 259 iPd 25 45.60 0.0
0.6s 7.00nm 4.7mb
iS 31 06.00
WAM 38.36 233 eP 25 44.90 -1.8
WB2 49.37 258 eP 27 14.80 -0.9
WRA 49.38 258 Pd 27 14.20 -1.5
0.4s 2.60nm 4.6mb
ASPA 49.52 253 iPd 27 16.40 -0.4
0.8s 104.00nm 5.9mb X
WBN 56.03 250 eP 28 03.00 -2.3
SBA 61.65 185 eP 28 39.30 -4.2X
BAL 64.37 244 eP 29 03.00 0.7
MUN 64.68 242 eP 29 05.00 0.8
SPA 73.10 180 eP 29 55.30 -0.5
1.0s 19.50nm 5.1mb
BMN 77.44 41 P 30 20.20 -0.7
1.0s 7.50nm 4.7mb
EUR 77.69 42 iP 30 21.20 -1.2
1.1s 3.37nm 4.3mb
LTX 81.60 56 P 30 43.00 -0.5
ALQ 81.92 50 P 30 45.00 -0.1
LRM 83.35 38 eP 30 51.80 -0.5
BDW 83.53 42 P 30 52.00 -1.3
1.0s 10.00nm 4.9mb
COL 83.99 11 iP 30 55.00 0.2
0.8s 17.16nm 5.3mb
GOL 84.85 46 P 30 58.60 -1.4

EDM 86.91 31 ePd 31 09.00 -0.6
RSSD 87.72 42 P 31 12.30 -1.7
INK 89.84 14 ePd 31 23.40 0.2
YKA 91.61 23 eP 31 32.40 0.9
YKC 91.65 23 eP 31 32.00 0.3
MBC 98.52 11 eP 32 03.00 0.2
BPA 115.00 79 ePdiff33 29.50 11.9X
MDN 115.09 81 ePdiff33 11.60 -6.4X
SEG 115.20 80 ePdiff33 22.00 3.5X
BIM 115.23 82 ePdiff33 01.30 -17.4X
MGG 115.29 80 ePdiff33 15.50 -3.4X
MVM 115.41 82 ePdiff32 59.12 -20.4X
KJF 130.67 348 ePKP 37 36.00 0.3
SUF 132.31 348 ePKP 37 41.00 2.1X
NUR 134.62 347 iPKP 37 45.00 1.7
0.5s 14.00nm
HFS 136.61 355 ePKP 37 37.30 -9.8X
0.6s 0.90nm
Z 15s 0.15um 4.8MszX
LR 32 26.00
BUL 137.16 211 ePKP 37 51.00 1.4
NAI 145.01 242 ePKPd 38 05.50 1.7
1.0s 90.00nm
WTS 145.09 360 ePKP 38 03.00 0.6
0.7s 8.00nm
e 38 13.00
KRA 145.29 345 ePKP 38 03.80 0.9
e 38 11.80
KSP 145.34 349 ePKPd 38 04.00 1.1
CLL 145.38 353 iPKPd 38 03.30 0.3
1.6s 35.00nm
BRG 145.69 352 iPKPd 38 04.80 1.3
1.3s 24.00nm
e 38 12.00
MOX 146.19 354 iPKPd 38 06.00 1.6
1.4s 36.00nm
UCC 146.25 2 PKP 38 07.00 2.6X
ENN 146.32 1 ePKPd 38 07.00 2.5X
0.5s 7.00nm
e 38 14.50
PRU 146.46 351 PKPd 38 07.50 2.7X
e 38 15.20
MEM 146.48 1 PKPc 38 07.20 2.4X
JOS 146.56 343 ePKPd 38 07.70 2.7X
1.0s 10.60nm
DOU 146.96 2 PKPc 38 08.80 3.2X
0.7s 45.00nm
WLF 147.42 0 PKPd 38 10.50 4.2X
KHC 147.44 351 iPKPd 38 10.50 4.0X
1.0s 15.00nm
e 38 18.50
e 39 05.60
SRO 147.77 345 e(PKP)38 12.10 5.1X
FLN 147.82 9 IPKPd 38 10.80 3.8X
LDF 148.04 8 IPKPd 38 11.40 4.0X
GRR 148.13 9 IPKPd 38 11.70 4.2X
BUH 148.38 358 ePKP 38 12.30 4.3X
LPF 148.45 10 IPKPd 38 12.80 4.8X
CDF 148.67 359 IPKPd 38 13.70 5.1X
HAU 149.08 0 IPKPd 38 14.50 5.4X
HRI 149.10 307 ePKP 38 16.50 6.8X
BSF 149.26 360 IPKPd 38 14.90 5.4X
SLE 149.28 357 ePKP+ 38 14.50 5.1X
KBA 149.48 351 i(PKP)38 14.60 4.6X
0.6s 3.90nm
i 38 16.30
ZUL 149.57 357 ePKPd 38 15.50 5.6X
GRC 149.66 5 IPKPc 38 12.70 2.7X
i 38 16.10
LOR 149.74 4 IPKPd 38 16.20 6.1X
SAX 149.75 356 ePKPd 38 16.60 6.1X
SSF 149.93 4 IPKPd 38 16.70 6.3X
MFF 149.98 9 IPKPd 38 16.50 6.0X
OGA 149.99 354 IPKPd 38 17.30 6.5X
0.9s 27.00nm
LBF 150.03 3 IPKPd 38 16.80 6.2X
JER 150.11 305 ePKP 38 18.00 6.8X
LLS 150.15 357 ePKP+ 38 17.50 6.5X
AVF 150.19 4 IPKPd 38 17.10 6.3X
OSS 150.25 355 ePKP+ 38 17.90 6.8X
LJU 150.28 349 ePKP 38 17.30 6.3X
SMF 150.36 4 IPKPd 38 17.50 6.4X
BGF 150.38 5 IPKPd 38 17.60 6.5X
VOY 150.41 350 ePKP 38 17.00 5.7X
VDL 150.50 356 ePKP+ 38 18.60 7.1X
LSF 150.55 7 IPKPd 38 17.70 6.3X
TCF 150.59 6 IPKPd 38 18.00 6.6X

MZF 150.70 6 IPKPd 38 18.30 6.7X
CTI 150.72 353 ePKPd 38 18.00 6.2X
PRNI 150.80 302 ePKP 38 20.50 8.2X
DIX 151.00 359 ePKP+ 38 20.40 8.0X
MMK 151.01 358 ePKP+ 38 20.00 7.6X
SAL 151.28 354 e(PKP)38 19.00 6.6X
ORO 151.44 358 e(PKP)38 22.10 9.3X
RJF 151.48 7 ePKP 38 20.10 7.3X
LFF 151.74 9 ePKP 38 20.70 7.6X
CAF 151.92 7 ePKP 38 21.40 7.9X
SKO 152.00 336 ePKP 38 18.50 4.8X
LPO 152.05 8 IPKPd 38 21.40 7.8X
OHR 152.99 336 ePKP 38 23.80 8.7X
S.D. = 1.2 on 37 of 102 obs.

• MAY 05, 1985 03h 54m 11.18± 1.21s
5.183 N ±14.3km 125.351 E ±20.9km
DEPTH = 201.5 ± 16.5 km
4.4mb (2 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

CGP 3.32 349 IPd 55 05.00 -0.1
AAI 9.26 162 eP 56 21.50 -0.2
e 57 50.00
SNG 24.67 276 eP 59 16.50 1.3
LOE 26.11 300 eP 59 28.50 0.0
WRA 26.49 161 Pc 59 31.10 -0.7
0.5s 2.90nm 4.3mb
WB2 26.49 161 eP 59 31.20 -0.7
CHG 29.10 300 IPc 59 56.00 0.6
0.9s 8.40nm 4.5mb
BAL 36.54 193 IPd 00 57.60 -1.5
MUN 37.97 193 eP 01 10.00 -1.1
NWAO 38.68 191 IPc 01 17.30 0.4
CAN 46.02 153 eP 02 18.20 1.9
WAM 46.69 154 eP 02 23.60 2.0
GBA 47.93 284 Pd 02 31.50 0.1
SUF 89.64 333 eP 06 45.00 -2.0
S.D. = 1.3 on 14 of 14 obs.

? MAY 05, 1985 06h 37m 38.81±11.48s
39.551 N ±94.8km 22.942 E ±19.8km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT 0.65 328 ePg 37 51.40 -0.4
ISg 38 05.30
PAIG 0.68 56 IPgd 37 52.40 0.1
iSg 38 05.40
OUR 1.12 45 IPbc 37 59.50 -0.3
eSb 38 17.70
SRS 1.64 17 ePnc 38 07.60 -0.2
eSn 38 32.10
VAY 1.79 351 ePn 38 10.60 0.7
OHR 2.26 314 ePn 38 21.20 4.3X
S.D. = 0.6 on 5 of 6 obs.

& MAY 05, 1985 06h 52m 33.90s
37.470 N 118.620 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.4 (PAS).

TIN 0.52 143 eP 52 43.30 -1.0
eS 52 50.30
PPK 0.57 94 iPc 52 44.20 -1.1
SVP 0.70 69 iPc 52 46.70 -1.2
LCH 0.81 107 eP 52 48.40 -1.7
MGM 0.89 92 iPc 52 50.20 -1.4
FRI 0.99 242 IP 52 51.80 -1.3
MNA 1.03 21 IP 52 52.90 -0.9
CWC 1.12 157 IPd 52 53.70 -1.6
eS 53 08.00
SGV 1.36 111 iPc 52 58.60 -0.9
JAS1 1.50 288 eP 53 00.50 -0.9
VPEM 1.65 157 eP 53 03.40 -0.2
WKTM 1.68 175 iP 53 04.00 0.0
WCN 2.04 334 eP 53 11.00 1.6
SLD 2.11 260 eP 53 10.30 0.1
ARN 2.32 268 eP 53 13.30 0.0
EUR 2.89 45 IP 53 26.00 4.4
16 obs. associated

• MAY 05, 1985 08h 01m 26.15± 1.88s
12.953 S ±20.2km 165.492 E ±27.4km
DEPTH = 91.5 ± 12.5 km
5.1mb (4 obs.)

SANTA CRUZ ISLANDS (184)

PVC 5.48 151 IPc 02 47.20 0.3
IS 03 42.00
HNR 6.47 302 eP 03 01.00 0.5
SVO 6.73 304 eP 03 03.00 -1.2
eS 04 22.00
VSG 6.76 302 eP 03 05.00 0.4
eS 04 22.00
KOU 7.65 189 IPc 03 16.90 0.1
IS 04 47.40
CTA 19.75 246 IPc 06 09.90 18.5X
1.0s 9.00nm
RMQ 20.69 227 eP 06 08.00 7.0X
CHG 72.77 295 eP 12 46.00 -0.9
CHTO 72.77 295 eP 12 47.90 1.0
0.8s 2.75nm 4.2mb
SPA 77.13 180 e(P) 13 10.00 -1.1
KKN 87.50 299 eP 14 05.00 -0.5
0.7s 14.00nm 5.1mb
DMN 87.60 299 eP 14 06.00 -0.1
0.8s 30.00nm 5.4mb
GBA 91.14 284 P 14 24.00 1.6
0.3s 3.00nm 5.0mb
S.D. = 1.1 on 11 of 13 obs.

? MAY 05, 1985 10h 53m 14.81± 3.35s
4.716 S ±42.5km 142.118 E ± 9.8km
DEPTH = 92.8 ± 20.8 km
4.2mb (1 obs.)
PAPUA NEW GUINEA (202)

LAT 5.23 112 eP 54 31.50 -0.5
PMG 6.83 133 eP 54 55.00 0.8
MTN 13.53 233 eP 56 24.00 -0.1
WB2 16.92 206 IPc 57 08.00 0.7
I 57 22.90
WRA 16.93 206 Pc 57 05.80 -1.5
0.5s 8.80nm 4.2mb
KNA 17.10 229 IPd 57 10.20 0.8
ASPA 20.44 202 eP 57 47.00 -0.1
CAN 31.11 169 eP 59 26.60 0.0
WAM 31.94 170 eP 59 33.90 0.1
S.D. = 0.9 on 9 of 9 obs.

? MAY 05, 1985 11h 22m 20.37± 6.52s
19.553 S ±40.8km 178.232 W ±20.8km
DEPTH = 544.6 ± 77.9 km
4.2mb (7 obs.)
FIJI ISLANDS REGION (181)

AFI 8.35 49 P 24 23.00 0.6X
S 26 05.00
WB2 44.51 261 eP 29 44.70 -0.6
JAS1 78.83 43 eP 33 28.50 0.3
GLA 79.98 50 eP 33 34.90 0.6
BMN 82.30 42 eP 33 46.10 0.0
0.7s 2.56nm 3.9mb
EUR 82.59 44 eP 33 49.10 1.4
TTA 84.05 10 eP 33 54.50 0.2
PME 84.21 14 eP 33 54.50 -0.4
0.4s 2.50nm 4.2mb
PNT 86.00 34 eP 34 04.00 0.1
LTX 86.73 57 eP 34 07.80 -0.2
0.9s 1.71nm 3.8mb
IMA 87.35 10 eP 34 10.20 0.0
COL 87.37 12 IP 34 09.60 -0.5
0.8s 12.31nm 4.7mb
FBA 87.37 12 eP 34 09.50 -0.6
0.6s 8.50nm 4.7mb
BDW 88.42 43 eP 34 15.10 -0.7
0.8s 1.90nm 4.0mb
CHTO 89.72 290 eP 34 23.70 1.8
0.9s 2.98nm 4.2mb
INK 93.41 15 ePd 34 37.50 -0.3
EKA 144.08 5 PKP 40 54.00 -1.1
0.9s 5.10nm
KSP 146.73 343 ePKPd 41 02.20 2.6X
CLL 147.09 347 IPKPd 41 02.80 2.7X
0.8s 15.00nm
PRU 147.97 344 PKP 41 05.10 3.5X
MEM 148.83 355 PKP 41 07.20 4.4X
DOU 149.44 356 PKPc 41 09.00 5.2X
WLF 149.75 354 PKPc 41 10.20 6.0X
S.D. = 0.8 on 16 of 23 obs.

• MAY 05, 1985 16h 24m 24.67± 2.07s
51.670 N ±10.8km 7.882 E ±15.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
mbLg 2.9 (DOU). ML 2.8 (BNS).

WTS 0.74 297 ePg 24 39.00 -0.2
0.6s 32.00nm
eSg 24 46.50
e 25 31.00
BNS 0.83 212 eP 24 40.80 0.0
0.4s 300.00nm
e 24 53.50
eSg 24 54.00
PLH 0.94 225 eP 24 41.80 -0.8
eS 24 55.30
JCK 1.11 236 eP 24 45.60 0.2
eS 24 59.70
ENN 1.53 234 ePn 24 52.50 0.5
0.5s 9.00nm
ic 24 54.20
eSn 25 11.50
MEM 1.59 229 Pnd 24 53.00 0.2
e 25 14.80
WLF 2.29 209 Pnc 25 07.10 4.1X
DOU 2.61 234 Pn 25 07.70 0.1
PP 25 15.00
Sn 25 33.60
Lg 25 39.10
e 25 44.30
BUH 3.01 176 eP 25 13.20 -0.1
CLL 3.22 94 IPg 25 28.80 12.6X
eSg 26 16.00
GRC1 3.55 138 e(Pg) 25 36.00 15.1X
e(Sg) 26 21.80
BRG 3.89 99 e(P) 25 41.00 15.2X
KHC 4.44 123 ePg 26 07.00 33.4X
Sg 26 55.60
S.D. = 0.4 on 8 of 13 obs.

MAY 05, 1985 16h 50m 23.76± 0.75s
25.947 S ± 6.1km 116.855 E ±11.4km
DEPTH = 33.0km (normal)
WESTERN AUSTRALIA (590)

MEK 1.66 114 IPd 50 55.60 4.7X
MRWA 3.35 193 IPc 51 15.40 0.4
eS 51 24.70
NAU 3.61 340 eP 51 19.00 0.3
BAL 4.64 182 eP 51 34.00 0.6
eS 52 26.00
MBL 5.49 30 eP 51 45.00 -0.4
eS 52 53.00
KLB 5.68 172 IPc 51 48.80 0.8
0.2s 10.00nm 5.0mb X
eS 52 50.00
MUN 6.04 185 iPc 51 52.90 -0.2
0.2s 12.00nm 5.2mb X
eS 52 59.00
KLG 6.30 141 iPd 51 57.40 0.6
eS 53 03.00
NWAO 6.96 177 eP 52 04.00 -2.1
0.2s 8.00nm 5.3mb X
eS 53 20.00
RKG 8.10 179 eP 52 27.00 5.1X
0.2s 4.00nm 5.2mb X
eS 53 58.20
WBN 8.75 93 eP 52 31.00 0.0
0.2s 6.00nm 5.4mb X
eS 54 09.00
WB2 17.18 73 eP• 54 28.00 5.1X
eS 57 27.20
S.D. = 1.0 on 9 of 12 obs.

? MAY 05, 1985 16h 57m 23.16± 3.70s
39.114 N ±28.3km 21.950 E ±13.8km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.1 (ATH).

LIT 1.07 23 ePbc 57 44.20 0.9
KZN 1.20 353 ePn 57 44.50 -1.1
eSg 58 06.00
VLS 1.42 229 ePb 57 40.00 -9.0X
eSb 57 57.00
PAIG 1.57 58 ePbc 57 50.70 -0.3
eSb 58 13.40
ATH 1.79 129 ePn 58 01.50 7.2X

05d 16h

		eSn	58 15.00			
OUR	1.99	51 ePnc	57 57.00	-0.1		
		eSn	58 24.80			
SOH	2.02	32 ePn	57 57.90	0.2		
		eSn	58 26.70			
KNT	2.17	19 ePn	57 59.90	0.1		
OHR	2.18	337 iPn	58 01.20	1.2		
VAY	2.26	12 ePn	58 01.00	0.0		
SRS	2.36	32 ePnc	58 02.20	-0.4		
		eSn	58 33.80			
SKO	2.88	352 ePn	58 08.80	-1.1		
VTS	3.61	15 iP	58 21.00	0.8		
		eS	59 08.00			

S.D. = 0.9 on 11 of 13 obs.

MAY 05, 1985 17h 55m 32.20± 0.47s
46.372 N ± 6.4km 12.701 E ± 4.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.9 (TRI), 2.7 (KBA).

CTI	0.80	246 ePg	55 46.00	-1.8		
		eSg	55 56.50			
K8A	0.83	32 iPgc	55 48.30	-0.1		
		iSg	56 00.40			
VOY	0.90	112 iPn	55 48.60	-0.8		
		iSg	56 02.50			
SCE	0.95	315 iPgd	55 49.60	-0.9		
TRI	0.99	131 iPgc	55 51.20	0.2		
		iSg	56 05.00			
OGA	1.26	294 iPgd	55 54.50	-1.2		
LJU	1.31	104 ePn	55 56.80	0.3		
		eSg	56 16.30			
CEY	1.36	117 iPg	55 57.40	0.2		
		iSg	56 17.20			
SAL	1.70	244 ePg	56 02.50	0.5		
		eSg	56 26.00			
OSS	1.79	281 eP+	56 04.00	0.4		
FUR	2.04	332 iPgd	56 11.10	4.1X		
VDL	2.24	274 ePd	56 12.00	2.0		
SAX	2.47	292 eP	56 14.50	1.2		
LLS	2.60	282 ePd	56 18.40	3.2X		
GRC1	2.74	344 e(Pn)	56 23.50	6.4X		
		e	56 27.60			
		e	56 59.50			
		e	57 06.00			
KHC	2.82	12 Pn	56 18.50	0.3		
		Pg	56 25.50			
		Sn	56 49.80			
		Sg	57 01.60			
SLE	3.20	297 eP+	56 23.60	0.1		
ORO	3.37	259 e(Pn)	56 32.60	6.5X		
BUH	3.81	309 ePn	56 31.80	-0.4		
PRU	3.82	18 ePg	56 44.00	11.7X		
		eSg	57 33.00			
SPC	5.81	58 e(P)	57 35.40	34.7X		

S.D. = 1.0 on 15 of 21 obs.

MAY 05, 1985 18h 03m 54.30± 0.15s
39.292 N ± 3.5km 72.962 E ± 3.2km
DEPTH = 33.0km (normal)
4.9mb (61 obs.) 3.9Msz (2 obs.)
KIRGHIZ SSR (716)
Felt (III) at Fergana.

QUE	10.34	210 eP	06 28.50	4.9X		
		eS	08 26.00			
MHI	11.07	259 iPd	06 29.20	-4.2X		
	0.5s	47.89nm		5.9mb X		
		eS	08 31.00			
NDI	11.15	160 iPd	06 32.50	-2.0		
	0.8s	59.70nm		5.8mb		
		eS	08 34.00			
KKN	15.38	135 eP	07 26.80	-3.9X		
DMN	15.42	135 eP	07 28.00	-3.3X		
	0.6s	26.00nm		4.6mb		
PKI	15.62	135 eP	07 30.70	-3.2X		
	0.7s	24.00nm		4.5mb		
IR2	17.88	265 eP	08 03.00	0.9		
SHI	19.37	246 eP	08 19.00	-1.3		
TAB	20.81	275 eP	08 37.00	1.6		
SHL	20.98	125 iP	08 36.50	-0.7		
KER	21.25	265 eP	08 41.00	1.1		
HYB	22.33	166 ePc	08 51.50	0.8		
LZH	24.59	88 eP	09 15.50	2.8X		
	2.5s	122.00nm		5.0mb		
E	10s	0.40um				

GBA	25.89	170 Pc	09 22.90	-2.0		
	0.6s	17.10nm		4.8mb		
KOD	29.22	171 eP	09 55.50	0.0		
CHG	30.35	125 eP	10 05.00	-0.3		
CHTO	30.35	125 eP	10 03.30	-2.0		
	0.7s	3.65nm		4.3mb		
BJI	33.03	75 eP	10 30.00	1.5		
LOE	33.18	123 eP	10 28.50	-1.5		
YLV	33.20	286 iP	10 30.50	0.4		
KHT	33.20	130 eP	10 31.20	1.0		
VRI	34.28	296 ePd	10 40.00	0.6		
ISR	34.49	295 eP	10 43.00	1.8		
MLR	34.87	296 iPd	10 56.00	11.5X		
CMP	35.53	296 ePc	10 40.00	-10.1X		
NNT	35.61	131 eP	10 52.50	1.6		
KJF	36.27	328 eP	10 55.00	-1.0		
	0.6s	13.00nm		5.0mb		
		i	11 00.10			
		eSS	18 44.00			
SUF	36.44	326 iPd	10 57.50	0.1		
	0.6s	18.90nm		5.2mb		
NUR	36.54	322 iPd	10 58.20	-0.1		
	0.9s	22.00nm		5.1mb		
Z	20s	0.30um		4.1Msz		
SOD	37.92	333 iP	11 09.70	-0.1		
JOS	38.21	302 eP	11 15.40	2.9X		
	0.9s	9.20nm		4.6mb		
SPC	38.33	303 eP	11 14.70	0.9		
KRA	38.46	304 iPd	11 14.90	0.4		
	0.8s	65.00nm		5.5mb		
		i	11 17.10			
		i	11 18.50			
KEV	38.82	336 eP	11 17.00	-0.4		
	0.7s	10.70nm		4.7mb		
		i	11 22.20			
BUD	39.35	300 eP	11 22.50	0.5		
UPP	39.89	320 iP	11 26.20	-0.1		
		i	13 04.70			
KSP	40.70	306 iPc	11 33.10	0.0		
SOP	40.97	301 ePc	11 35.00	-0.3		
HFS	41.88	320 eP	11 41.80	-0.9		
	0.4s	23.90nm		5.3mb		
Z	14s	0.48um		4.5MszX		
		LR	29 07.00			
PRU	41.92	305 P	11 43.80	0.7		
		e	13 20.50			
BRG	42.18	306 iPc	11 45.70	0.5		
	0.8s	12.00nm		4.7mb		
		i	11 50.00			
LJU	42.65	299 eP	11 50.00	0.9		
KHC	42.68	303 iPc	11 50.40	1.0		
	0.8s	27.00nm		5.0mb		
		i	11 54.10			
		e	12 46.50			
CLL	42.71	307 iPc	11 49.30	-0.2		
	0.9s	19.00nm		4.8mb		
VOY	43.08	299 eP	11 52.80	0.0		
WET	43.13	304 eP	11 53.60	0.6		
	0.8s	14.00nm		4.8mb		
NB2	43.13	321 P	11 52.20	-0.8		
	0.6s	10.50nm		4.8mb		
KBA	43.23	301 e(P)	11 54.00	-0.1		
	0.7s	16.30nm		4.9mb		
		i	11 58.30			
		i	12 00.20			
		i	12 10.80			
TRI	43.25	299 iPc	11 54.30	0.3		
PSI	43.41	140 eP	11 55.00	-0.6		
	0.7s	13.80nm		4.8mb		
MOX	43.67	306 iP	11 58.00	0.6		
	1.2s	18.00nm		4.7mb		
		e	13 49.00			
GRF	44.09	305 iPc	12 02.20	1.4		
	0.9s	31.00nm		5.1mb		
Z	19s	0.10um		3.8Msz		
		e	12 06.60			
FUR	44.36	303 iPd	12 04.30	1.2		
	0.8s	43.00nm		5.3mb		
CTI	44.60	300 eP	12 04.50	-0.6		
OGA	44.82	301 eP	12 06.10	-0.9		
	0.8s	7.00nm		4.6mb		
MNS	44.88	294 eP	12 07.50	0.3		
OSS	45.45	301 eP+	12 11.60	-0.4		
SAL	45.47	299 iPd	12 12.50	0.6		
SAX	45.84	302 eP+	12 14.80	-0.4		
VDL	45.95	301 eP+	12 15.60	-0.3		
LLS	46.17	301 eP+	12 16.80	-0.9		

BUH	46.23	304 eP	12 17.80	-0.1		
WTS	46.39	309 eP	12 19.50	0.4		
	0.7s	5.00nm		4.6mb		
		e	12 23.50			
		e	12 30.00			
PPI	46.86	141 ePd	12 23.80	0.6		
CDF	46.90	304 eP	12 23.20	-0.1		
	0.7s	6.60nm		4.7mb		
MMK	47.08	300 eP+	12 24.60	-0.3		
MEM	47.18	307 P	12 26.20	0.9		
ORO	47.18	300 e(P)	12 23.80	-1.8		
ENN	47.20	307 eP	12 25.50	0.1		
WLF	47.31	306 Pd	12 27.00	0.6		
BSF	47.37	303 iPc	12 26.80	-0.2		
	0.9s	18.10nm		5.1mb		
DIX	47.44	301 eP+	12 27.30	-0.5		
CVF	47.50	296 eP	12 27.90	-0.1		
HAU	47.61	303 iPc	12 28.50	-0.3		
	0.8s	7.70nm		4.8mb		
EMS	47.76	301 eP+	12 29.90	-0.3		
DOU	48.18	307 P	12 33.60	0.4		
		e	12 37.80			
FRF	48.72	298 eP	12 37.50	0.1		
	0.7s	14.60nm		5.1mb		
LMR	48.89	297 eP	12 39.00	0.3		
LRG	48.95	298 eP	12 39.40	0.2		
	0.7s	9.10nm		4.9mb		
LOR	49.43	303 iPc	12 42.00	-0.9		
	0.8s	8.00nm		4.8mb		
LBF	49.44	303 iPc	12 42.10	-0.9		
	0.6s	3.60nm		4.6mb		
SMF	49.63	302 iPc	12 44.10	-0.3		
	0.9s	10.40nm		4.9mb		
SSF	49.72	303 iPc	12 44.40	-0.7		
	0.8s	9.40nm		4.9mb		
AVF	49.91	303 iPc	12 46.20	-0.3		
	0.8s	18.10nm		5.2mb		
GRC	49.93	303 iPd	12 46.60	-0.1		
BGF	50.31	303 eP	12 48.90	-0.7		
	0.7s	8.40nm		4.9mb		
MAT	50.54	71 eP	12 50.00	-1.5		
	0.8s	11.94nm		4.9mb		
MZF	50.59	302 iPc	12 51.70	-0.1		
	0.8s	20.30nm		5.2mb		
TCF	50.82	302 iPc	12 53.40	-0.1		
	0.7s	10.60nm		4.9mb		
LSF	51.27	303 iPc	12 56.10	-0.8		
	0.8s	8.70nm		4.8mb		
CAF	51.37	301 iPc	12 57.80	0.1		
	0.8s	8.50nm		4.8mb		
EKA	51.39	315 P	12 57.00	-0.7		
	1.0s	7.30nm		4.6mb		
LDF	51.57	306 eP	12 58.60	-0.5		
	0.9s	13.10nm		4.9mb		
RJF	51.60	301 eP	12 59.60	0.2		
	0.8s	10.70nm		4.9mb		
FLN	51.74	306 eP	12 59.60	-0.8		
LPO	52.04	301 iPc	13 02.60	-0.1		
GRR	52.10	306 eP	13 02.30	-0.8		
	0.8s	16.50nm		5.0mb		
NAI	52.23	228 eP	13 06.00	1.3		
	1.0s	33.00nm		5.3mb		
MFF	52.24	303 eP	13 03.30	-0.9		
	1.0s	16.00nm		4.9mb		
LFF	52.25	301 iPc	13 04.30	0.0		
	0.8s	13.40nm		5.0mb		
LPF	52.33	305 eP	13 03.80	-1.1		
	1.0s	14.80nm		4.9mb		
DAG	52.53	343 iPd	13 05.00	-1.0		
	0.6s	10.00nm		5.0mb		
MLS	52.74	299 eP	13 07.30	-0.7		
ALE	56.46	354 ePc	13 34.20	-0.5		
	0.7s	5.00nm		4.7mb		
BNG	60.09	249 iPc	13 59.90	-0.9		
	1.1s	55.40nm		5.6mb		
BRW	64.20	16 eP	14 27.30	-0.2		
MBC	64.47	3 eP	14 29.00	-0.2		
	0.6s	69.00nm		5.9mb X		
MTD	67.86	223 iPc	14 51.00	-0.7		
KRI	68.96	225 eP	14 57.00	-1.6		
IMA	68.99	19 eP	14 57.50	-0.7		
TTA	70.87	21 eP	15 09.30	-0.3		
INK	70.91	10 ePc	15 09.70	0.1		
COL	71.35	17 iP	15 12.40	0.0		
	0.8s	19.78nm		5.2mb		
FBA	71.35	17 eP	15 12.20	-0.2		
	0.3s	7.80nm		5.2mb		

BUL	72.21	224	iPc	15	18.30	0.1	KMI	29.15	93	Pc	41	00.00	0.1	AQU	46.35	301	iPc	43	24.80	0.7
	0.9s	25.21nm			5.2mb		E	16s	1.40um					BHG	46.49	308	eP	43	24.60	-0.4
FRB	72.86	343	eP	15	21.00	-0.2				eS	45	52.00		CLL	46.51	313	iPc	43	25.30	0.2
NAU	73.25	139	eP	15	25.80	1.8	HRI	29.32	284	eP	41	03.50	2.3		1.2s	26.00nm			5.1mb	
PME	73.82	19	eP	15	26.50	-0.4	JER	29.94	281	eP	41	08.00	1.3	MNS	46.88	301	iPc	43	27.80	-0.4
	0.3s	2.20nm			4.6mb		PRNI	30.32	278	eP	41	13.00	3.0X	HFS	47.32	325	iPc	43	30.50	-0.9
MBL	74.40	135	iPc	15	31.90	1.1	KHT	30.44	115	eP	41	11.70	0.5		1.1s	73.00nm			5.6mb	
	0.5s	14.00nm			5.2mb		LOE	31.52	108	eP	41	25.50	4.9X	Z	15s	1.67um			5.1MszX	
KNA	75.53	125	eP	15	38.00	0.7	NNT	32.65	117	eP	41	31.90	1.4			LR		03	57.00	
KIC	76.49	267	eP	15	42.90	0.0	ELL	33.91	291	iP	41	41.70	0.2	MOX	47.35	312	iP	43	32.00	0.2
SLR	76.98	221	eP	15	46.10	0.6	YLV	34.38	298	iPc	41	46.00	0.5		1.3s	53.00nm			5.4mb	
EVA	77.22	220	eP	15	46.50	-0.3	BNT	35.48	297	iPc	41	55.00	0.2	CTI	47.37	306	iPc	43	31.80	-0.4
BPI	77.47	221	e(P)	15	44.50	-3.7X	EDC	35.52	297	iPc	41	55.50	0.4	FUR	47.56	309	eP	43	33.00	-0.5
PNL	77.83	16	eP	15	49.20	-0.5	PSN	35.55	303	eP	41	56.00	0.8		1.0s	33.00nm			5.3mb	
MEK	78.16	139	eP	15	53.00	1.2	CLI	36.60	308	ePc	42	05.00	0.9	GRF	47.59	311	iPc	43	34.70	1.0
YKA	78.38	4	eP	15	53.60	1.1	ODB	36.63	307	eP	42	17.00	12.7X		1.2s	70.00nm			5.6mb	
YKC	78.40	4	eP	15	53.00	0.4	EZN	36.69	297	iPc	42	04.70	-0.2	Z	20s	0.20um			4.1Msz	
	0.6s	10.00nm			5.0mb		VRI	36.87	307	ePc	42	07.00	0.6	OGA	47.77	307	iPc	43	34.00	-1.4
BFS	78.69	221	eP	15	54.70	-0.2	ISR	36.90	305	eP	42	08.00	1.3		1.0s	33.00nm			5.3mb	
BLF	80.80	220	eP	16	07.00	0.8	DIM	37.31	300	eP	42	11.00	0.9	BAG	47.88	95	eP	43	37.10	0.6
WRA	82.19	124	Pc	16	14.20	0.8	MLR	37.36	306	iPc	42	12.00	1.3	SAL	48.18	306	e(P)	43	38.50	0.2
	0.6s	5.60nm			4.8mb		KDZ	37.47	300	iP	42	12.00	0.5	TRO	48.32	339	iP	43	39.50	0.5
WB2	82.20	124	iPc	16	14.00	0.5	PVL	37.68	302	iPc	42	14.00	0.8	OSS	48.38	307	ePd	43	39.30	-0.8
FFC	86.25	357	ePc	16	33.80	0.3	CMP	37.97	305	ePd	42	05.00	-10.7X	NB2	48.70	326	P	43	41.00	-1.2
	1.0s	10.00nm			5.0mb		PLD	37.97	300	eP	42	16.00	0.3		0.9s	38.30nm			5.4mb	
EDM	87.70	4	eP	16	41.50	0.9	BJI	38.17	63	eP	42	19.00	1.7	VDL	48.86	307	eP+	43	43.00	-0.8
PNT	91.07	8	eP	16	57.00	0.4				e	44	32.50		SAX	48.90	308	eP+	43	43.20	-1.0
	0.8s	11.00nm			5.3mb		MMB	38.69	299	iPc	42	22.00	0.3	LLS	49.16	307	eP+	43	44.90	-1.2
NEW	92.37	7	P	17	04.00	1.4	PSI	38.89	130	eP	42	30.00	6.5X	KONO	49.27	324	eP	43	45.80	-0.7
LRM	95.13	4	eP	17	16.40	0.8	VTS	39.10	301	iPc	42	26.00	0.9	SLE	49.44	309	eP+	43	47.00	-1.1
ITR	112.03	277	e(PKP)	22	20.00	-8.3X	CLO	39.52	305	eP	42	38.00	9.4X	ZUL	49.53	308	eP+	43	47.50	-1.3
SPA	129.10	180	e(PKP)	23	00.60	1.0	VAY	39.56	299	iP	42	28.60	-0.3	CVF	49.66	302	iPc	43	48.90	-1.0
MDZ	148.65	270	ePKP	23	41.10	5.4X	SKO	40.40	300	iPc	42	35.90	0.0		1.0s	27.30nm			5.2mb	
	S.D. = 0.8	on 128 of 140 obs.					OHR	40.89	299	eP	42	31.50	-8.5X	MMK	49.93	306	eP+	43	50.60	-1.5
							JOS	41.41	310	ePc	42	44.60	0.6	ORO	49.96	306	eP	43	50.00	-2.2
	MAY 05, 1985	19h 34m 59.35±	0.71s					0.9s	16.00nm			4.7mb		CDF	50.22	309	eP	43	53.30	-0.8
	30.771 N ± 4.8km	70.289 E ±	3.0km				SPC	41.68	311	iPc	42	47.40	0.9		1.2s	12.30nm			4.8mb	
	DEPTH = 33.4 ±	7.1 km					PSZ	41.77	309	eP	42	46.20	-1.0	DIX	50.31	306	eP+	43	54.30	-0.8
	5.3mb (58 obs.)	4.1Msz (| 3 obs.)				KRA	41.99	312	eP	42	49.20	0.4	WTS	50.38	314	ePc	43	55.50	0.4
	PAKISTAN					(710)		0.6s	35.00nm			5.3mb			0.8s	45.00nm			5.5mb	
									e		42	55.90				e		44	01.00	
QUE	2.94	259	eP	35	47.00	2.0	PPI	42.22	132	e(P)	42	51.70	0.7	BSF	50.58	309	iPc	43	56.10	-0.8
			eS	36	24.00		NUR	42.26	328	iPc	42	51.30	0.5		0.8s	23.30nm			5.2mb	
AJM	5.75	140	iP	36	26.00	1.5		1.1s	52.80nm			5.2mb		EMS	50.64	306	eP+	43	56.90	-0.6
NDI	6.37	107	iPn	36	31.00	-2.4	Z	25s	0.70um			4.4MszX		HAU	50.87	309	iPc	43	58.40	-0.5
			eSn	37	41.30					eS	49	04.00			1.1s	46.90nm			5.4mb	
DDI	6.71	92	eP	36	38.00	-0.2				eSS	52	16.00		WLF	50.88	311	Pc	43	59.50	0.6
			eS	37	56.00					LR	01	30.00		MEM	50.93	312	Pc	43	59.10	-0.1
MHI	10.56	304	iPc	37	31.70	0.2	BUD	42.32	308	eP	42	50.60	-0.9	ENN	50.97	313	eP	44	00.00	0.4
			e	38	35.00		SUF	42.57	332	iPc	42	53.40	0.1	FRF	51.14	303	iPc	44	00.00	-1.1
VAR	12.49	113	eP	37	53.00	-4.5X		0.7s	42.40nm			5.3mb			1.0s	16.60nm			5.0mb	
			eS	40	08.00		KJF	42.68	334	iPc	42	54.40	0.2	LMR	51.28	303	eP	44	00.90	-1.1
POO	12.61	164	iPc	38	05.00	5.8X		0.8s	63.10nm			5.4mb		LRG	51.37	303	eP	44	01.80	-0.9
			iS	41	36.00				e		49	32.00		DOU	51.86	312	Pc	44	06.60	0.2
DMN	13.32	100	iPd	38	04.50	-4.3X	SRO	42.83	309	iPc	42	56.70	1.1		1.0s	82.50nm			5.7mb	
KKN	13.42	99	iPd	38	05.60	-4.5X	LCI	43.09	298	eP	42	55.00	-2.9X	SHK	51.93	68	eP	44	07.70	0.5
PKI	13.59	100	iP	38	07.70	-4.8X	SSE	43.34	76	eP	43	01.00	1.0	LBF	52.57	308	iPc	44	10.90	-0.9
	0.9s	57.00nm			5.4mb		BRT	43.62	299	eP	43	21.90	19.7X		1.0s	35.10nm			5.3mb	
KAD	13.87	164	eP	38	15.00	-0.8	ZST	43.66	309	iPc	43	02.40	0.0	LOR	52.62	308	iPc	44	11.30	-0.8
			eS	41	08.00		SOP	44.00	308	iPc	43	04.80	-0.4		1.0s	20.80nm			5.1mb	
HYB	15.28	149	eP	38	31.50	-2.8	VKA	44.19	309	iPc	43	06.80	0.1	SMF	52.70	307	iPc	44	12.20	-0.6
			eS	41	13.00			1.0s	74.60nm			5.5mb		SSF	52.88	308	iPc	44	13.40	-0.7
SHI	15.40	270	eP	38	37.00	1.0	KSP	44.40	313	eP	43	09.00	0.6		1.0s	64.00nm			5.5mb	
IR2	16.94	292	iPc	38	56.70	1.2	SOD	44.74	338	iP	43	11.30	0.4	PLDF	52.95	307	iPc	44	14.40	-0.3
VIS	17.58	135	iP	39	01.00	-2.4	SGO	45.09	298	eP	43	15.00	1.0	AVF	53.02	308	iPc	44	14.50	-0.6
GBA	18.31	157	Pc	39	11.60	-0.9	UPP	45.34	326	iPc	43	15.00	-0.7		1.2s	63.20nm			5.5mb	
	0.9s	11.80nm			4.0mb	X	LJU	45.36	306	eP	43	16.40	0.2	GRC	53.14	308	iPc	44	15.40	-0.6
SHL	19.72	100	iP	39	25.00	-4.3X	PRU	45.45	312	Pc	43	17.00	0.2				i	44	22.20	
			eS	43	06.00			1.1s	26.00nm			5.1mb		BGF	53.40	307	eP	44	17.30	-0.6
KER	19.86	286	eP	39	33.00	2.4				e	43	23.70			1.0s	26.90nm			5.2mb	
TAB	21.03	297	eP	39	43.00	0.3				e	45	08.00		PYM	53.40	306	iPc	44	17.80	-0.2
KOD	21.50	160	eP	39	51.00	3.2X	DUI	45.63	300	iPc	43	18.20	-0.1	MZF	53.63	307	iPc	44	19.50	-0.1
			eS	43	55.00		VOY	45.81	306	iPc	43	19.20	-0.6		1.2s	55.00nm			5.4mb	
BHD	22.09	283	ePc	39	56.50	3.3X	BRG	45.89	313	iPc	43	20.30	0.1	TCF	53.87	307	iPc	44	21.10	-0.3
			eS	44	04.00			1.3s	40.00nm			5.2mb			1.4s	100.80nm			5.6mb	
			e	48	15.50				e		43	27.00		CAF	54.19	306	iPc	44	23.60	-0.1
MSL	23.26	291	eP	40	05.00	0.4	TRI	45.90	306	iPc	43	19.70	-0.7		1.1s	51.20nm			5.5mb	
RTB	25.52	283	ePc	40	26.50	0.1	KEV	45.95	341	iP	43	20.50	0.1	LSF	54.34	307	iPc	44	24.10	-0.7
			e	45	05.00			0.7s	34.70nm			5.4mb			1.0s	66.60nm			5.6mb	
			e	52	25.00					eSS	53	20.00		RJF	54.51	306	iPc	44	26.00	-0.1
LZH	28.41	70	eP	40	54.50	1.4	KHC	46.04	310	iPc	43	21.50	0.0		1.2s	47.60nm			5.4mb	
E	10s	0.60um						1.1s	29.00nm			5.1mb		LPO	54.85	305	eP	44	28.20	-0.3
			eS	45	41.00				e		43	27.50			1.1s	19.50nm			5.0mb	
CHG	28.52	108	eP	40	54.00	0.0			e		45	17.60		LDF	55.09	310	eP	44	29.60	-0.7
CHTO	28.52	108	eP	40	54.50	0.5	KBA	46.17	307	iPc	43	22.50	-0.3		0.8s	16.10nm			5.1mb	
	0.9s	4.69nm			4.2mb	X		1.3s	65.00nm			5.4mb		LFF	55.12	306	iPc	44	30.20	-0.3
Z	21s	0.38um			4.0Msz				i		43	27.60			0.8s	22.30nm			5.2mb	

05d 19h

BNG 55.22 252 iPc 44 30.20 -1.5
1.4s 83.70nm 5.6mb
MLS 55.25 303 iPc 44 30.30 -1.2
FLN 55.30 311 eP 44 31.00 -0.8
1.0s 32.00nm 5.3mb
MFF 55.43 308 eP 44 31.90 -0.8
0.8s 24.10nm 5.3mb
GRR 55.61 310 eP 44 33.50 -0.5
0.9s 22.00nm 5.2mb
MAT 55.78 64 eP 44 35.00 -0.4
0.9s 16.81nm 5.1mb
Z 20s 0.35um 4.4Msz
(S) 52 23.00
LPF 55.79 310 eP 44 35.40 0.2
EKA 56.09 319 P 44 36.00 -1.4
1.6s 54.30nm 5.3mb
TOL 59.74 301 eP 45 03.00 -0.1
DAG 60.09 345 iPd 45 04.40 -0.7
0.6s 40.00nm 5.7mb
MTD 60.17 224 iPd 45 07.00 0.5
LSZ 61.11 228 iPd 45 20.00 7.1X
i 45 58.00
KRI 61.40 225 iPd 45 15.00 0.1
AKU 61.75 332 eP 45 11.20 -5.3X
1.0s 24.00nm 5.3mb
BUL 64.55 224 iPd 45 36.80 1.1
0.9s 11.34nm 5.0mb
ALE 64.67 354 ePc 45 35.80 0.2
0.7s 10.00nm 5.0mb
GDH 72.25 342 iPd 46 23.20 0.5
1.0s 52.00nm 5.5mb
BRW 72.98 14 eP 46 21.00 -6.0X
MBC 73.07 2 eP 46 28.00 0.6
0.8s 54.00nm 5.6mb
KIC 73.92 268 iPc 46 33.90 0.5
IMA 77.76 17 eP 46 54.00 -0.4
WRA 79.53 121 Pc 47 05.20 0.6
0.8s 7.70nm 4.7mb
WB2 79.54 121 eP 47 05.70 1.0
TTA 79.60 20 eP 47 04.50 0.1
INK 79.66 9 iPc 47 05.10 0.6
0.7s 19.00nm 5.2mb
COL 80.13 15 iP 47 07.50 0.4
0.8s 55.60nm 5.6mb
FBA 80.13 15 eP 47 06.80 -0.3
1.0s 72.50nm 5.6mb
FRB 80.34 343 eP 47 08.00 -0.2
ASPA 81.51 124 eP 47 16.00 0.9
PME 82.58 18 eP 47 19.50 -0.5
1.0s 20.00nm 5.1mb
PNL 86.61 15 eP 47 41.60 1.2
YKA 86.98 2 eP 47 43.30 1.3
YKC 87.00 2 ePc 47 42.70 0.6
0.8s 32.00nm 5.6mb
CTA 88.72 114 eP 47 54.00 3.0X
FFC 94.59 356 iPc 48 18.60 0.8
1.0s 19.00nm 5.5mb
EDM 96.30 2 ePc 48 26.50 0.8
SPA 120.60 180 e(PKP) 53 49.80 1.3
S.D. = 0.9 on 157 of 178 obs.

MAY 05, 1985 19h 44m 01.38± 0.55s
38.948 N ± 5.6km 22.077 E ± 4.1km
DEPTH = 26.9 ± 3.6 km
GREECE (364)
ML 3.3 (ATH).

LIT 1.20 15 ePg 44 22.80 0.4
eSg 44 40.10
KZN 1.38 350 eP 44 25.00 0.0
VLS 1.40 237 eP 44 25.00 -0.3
PAIG 1.58 51 ePbd 44 27.70 -0.2
eSb 44 48.30
ATH 1.61 127 eP 44 29.00 0.6
eS 44 49.50
THE 1.82 22 ePb 44 30.90 -0.4
OUR 2.02 46 ePnd 44 34.40 0.1
eSn 44 59.90
GRG 2.02 7 ePn 44 34.70 0.4
SOH 2.11 27 ePnd 44 35.90 0.2
eSn 45 03.30
KNT 2.30 16 ePnc 44 38.60 0.4
eSn 45 06.50
OHR 2.37 336 iPn 44 40.20 0.9
VAY 2.40 9 iPn 44 40.00 0.3
SRS 2.40 28 ePn 44 40.30 -0.3
eSn 45 10.30

MMB 2.93 25 iPc 44 47.00 -0.1
SKO 3.06 351 ePn 44 49.00 -0.1
i 44 57.00
LCI 3.47 295 ePn 44 54.10 -0.8
KDZ 3.67 42 iP 44 57.00 -0.8
VTS 3.75 13 iP 44 59.00 0.3
iS 45 42.00
TTG 4.08 329 ePn 45 04.50 0.9
eSn 45 53.00
BDV 4.15 324 ePn 45 05.00 0.5
eSn 45 53.50
BRT 4.21 299 ePn 45 06.00 0.6
eSn 45 56.00
PVL 4.80 28 eP 45 18.00 4.3X
SGO 5.46 289 ePn 45 24.00 1.0
MNS 7.92 299 e(Pn) 46 03.00 5.3X
CEY 8.84 323 e(Pn) 46 10.00 -0.3
eSn 47 47.20
VOY 9.30 322 ePn 46 14.50 -2.3
eSn 47 47.30
YKA 73.08 341 eP 55 30.20 -0.3
S.D. = 0.7 on 25 of 27 obs.

MAY 05, 1985 21h 11m 30.94± 0.54s
39.071 N ± 5.5km 21.959 E ± 4.1km
DEPTH = 26.6 ± 3.5 km
3.6mb (2 obs.)
GREECE (364)
ML 3.4 (ATH).

LIT 1.11 22 ePg 11 50.60 -0.2
eSg 12 07.80
KZN 1.24 353 eP 11 52.00 -0.7
VLS 1.40 231 eP 11 53.50 -1.3
PAIG 1.58 57 ePbd 11 57.70 0.2
eSb 12 18.70
THE 1.74 26 ePb 11 59.70 -0.1
ATH 1.76 128 eP 12 01.50 1.4
eS 12 24.00
GRG 1.91 10 ePn 12 02.60 0.3
OUR 2.01 50 ePn 12 04.10 0.4
eSn 12 30.40
SOH 2.05 31 ePn 12 04.70 0.3
iS 12 31.60
KNT 2.21 19 ePn 12 07.10 0.5
eSn 12 34.20
OHR 2.22 337 iPn 12 08.90 2.1X
VAY 2.30 12 iPn 12 08.00 0.3
SRS 2.40 31 iPnd 12 09.50 0.3
eSn 12 38.40
MMB 2.86 28 iPd 12 15.00 -0.7
iS 12 50.00
SKO 2.92 352 iPn 12 16.80 0.1
i 12 19.40
LCI 3.34 293 ePn 12 22.10 -0.4
PRK 3.36 86 eP 12 23.00 0.2
KDZ 3.65 44 iP 12 27.00 0.0
VTS 3.65 15 iP 12 29.00 2.0X
iS 13 09.00
TTG 3.93 329 ePn 12 32.50 1.6
eSn 13 19.50
BDV 4.00 324 ePn 12 32.60 0.7
eSn 13 19.50
BRT 4.07 298 ePn 12 34.10 1.1
eSn 13 35.00
HCY 4.28 323 ePn 12 36.00 0.1
PVL 4.74 30 eP 12 42.00 -0.4
SGO 5.33 288 ePn 12 51.50 0.7
VRI 7.65 26 eP 13 20.00 -3.4X
NUR 21.53 4 iP 16 17.40 -2.3
HFS 21.72 349 eP 16 21.60 -0.1
0.5s 1.20nm 3.6mb
N82 22.99 347 P 16 30.00 -4.3X
1.0s 2.40nm 3.7mb
SUF 23.82 5 iP 16 41.50 -0.7
S.D. = 0.9 on 26 of 30 obs.

? MAY 06, 1985 00h 16m 54.75±18.00s
39.415 N ±126.km 28.994 E ±37.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.34 304 iPg 17 01.00 -0.8
iSg 17 08.50
KCT 0.97 330 ePn 17 12.80 -0.3
YLV 1.19 14 iPn 17 16.80 -0.1
BNT 1.25 319 ePn 17 18.80 0.8

EDC 1.27 317 iPn 17 18.70 0.3
S.D. = 0.9 on 5 of 5 obs.

• MAY 06, 1985 01h 06m 10.72± 1.68s
66.243 N ±18.9km 149.921 W ± 8.5km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.5 (PMR).

IMA 1.54 265 iPc 06 38.90 0.6
COL 1.61 146 iP 06 39.70 0.4
e 06 42.00
eS 07 03.00
FBA 1.61 146 iPd 06 39.80 0.5
TTA 4.24 221 eP 07 15.80 -1.0
TOA 4.47 157 eP 07 22.30 2.3X
PME 4.65 175 eP 07 22.80 0.2
DWY 4.94 112 P 07 26.00 -0.7
INK 6.68 65 eP 07 49.00 -2.2X
S.D. = 0.9 on 6 of 8 obs.

& MAY 06, 1985 01h 08m 05.20s
37.927 N 122.318 W
DEPTH = 2.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.1 (BRK).
Mo=7.4•10••19 (BRK). Felt ot El Cerrito.

ZSP 0.05 70 iPd 08 06.50 0.1
iS 08 07.70
BRK 0.07 139 iPd 08 06.50 -0.2
iS 08 07.70
i 08 08.00
BKS 0.08 127 iPd 08 07.00 0.1
iS 08 08.50
PCC 0.43 187 ePd 08 13.90 0.1
MHC 0.79 137 e(P) 08 20.60 -0.5
e 08 21.60
ARN 0.85 133 eP 08 22.00 -0.2
GCC 0.93 164 ePd 08 23.10 -0.6
SLD 1.22 134 e(P) 08 28.70 0.1
8 obs. associated

• MAY 06, 1985 01h 13m 20.16± 1.20s
16.747 N ±10.3km 98.030 W ± 8.9km
DEPTH = 63.4 ± 8.2 km
4.8mb (10 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

VHO 1.33 68 eP 13 44.00 0.7
III 2.12 320 eP 13 56.00 1.8
IIT 2.28 353 iP 13 56.00 -0.4
TPM 2.43 336 iP 13 56.50 -2.0
IIP 2.72 342 iP 14 02.00 -0.7
UNM 2.79 337 eP 14 05.00 1.3
iS 14 45.50
TAC 2.87 337 iP 14 07.00 2.3
IIC 3.22 339 iP 14 07.00 -2.8
JCT 13.77 354 eP 16 33.00 -0.9
1.0s 36.00nm 4.9mb
BHO 17.79 9 e(P) 17 26.50 1.6
OCO 18.71 1 ePc 17 35.70 -0.5
TUL 19.19 6 iP 17 40.40 -1.3
0.9s 72.90nm 4.9mb
Z 19s 0.48um
RLO 19.53 7 iP 17 43.40 -1.9
ALQ 19.63 339 eP 17 45.00 -1.6
0.9s 12.60nm 4.2mb
GLA 22.21 320 eP 18 13.00 0.3
BAR 23.14 317 eP 18 21.00 -0.7
TPC 23.67 320 eP 18 28.00 1.1
PLM 23.69 318 eP 18 28.00 0.8
RVR 24.43 318 eP 18 36.00 1.8
GSC 24.94 321 eP 18 49.00 9.9X
MWC 25.01 318 eP 18 36.00 -3.9X
SBB 25.16 319 eP 18 41.00 -0.2
CLC 25.76 321 eP 18 46.00 -0.8
EUR 27.53 329 iP 19 03.50 0.4
0.2s 7.82nm 5.0mb
LRM 31.39 340 ePd 19 38.10 0.6
LHC 32.39 11 eP 19 45.50 -0.3
pP 19 53.00 26kmX
MNT 35.20 30 eP 20 11.50 1.5
PNT 36.91 336 eP 20 25.00 0.5
FFC 38.02 356 eP 20 34.00 0.3
0.8s 17.00nm 5.0mb

EDM	38.33	345	ePd	20	36.30	-0.1
LPB	44.32	137	eP	21	26.00	-0.4
			LR	37	14.00	
YKC	47.12	350	eP	21	47.00	-0.5
	0.8s		12.00nm		4.9mb	
YKA	47.16	350	eP	21	47.80	0.0
FRB	51.14	16	eP	22	28.00	9.6X
INK	56.21	345	ePd	22	55.80	0.1
COL	58.47	338	eP	23	11.00	-0.6
BAO	58.92	120	IP	23	15.40	-0.2
MBC	60.55	354	eP	23	26.00	0.2
	0.6s		6.00nm		4.9mb	
VAO	63.67	127	eP	23	46.60	-0.8
ALE	67.27	5	eP	24	09.00	-0.6
	0.7s		3.00nm		4.4mb	
DAG	71.35	14	eP	24	30.00	-4.7X
NB2	84.47	27	P	25	49.70	2.6
	1.1s		3.80nm		4.4mb	
SOD	86.95	19	IP	25	59.60	0.4
			i	26	06.70	
KJF	89.28	21	eP	26	11.00	0.6
SUF	89.65	22	IP	26	12.50	0.3
	0.8s		3.60nm		4.7mb	
NUR	90.41	25	eP	26	23.00	7.3X
WB2	130.34	258	ePKP	32	24.70	-1.1
WRA	130.35	258	PKPc	32	24.70	-1.1
	0.6s		1.60nm			
HYB	145.89	6	IPKPd	32	54.50	0.3
			e	33	01.50	
GBA	149.51	9	PKP	33	04.10	4.2X

S.D. = 1.2 on 44 of 50 obs.

MAY 06, 1985 03h 04m 22.71± 0.78s
30.885 N ± 3.8km 70.269 E ± 2.7km
DEPTH = 36.6 ± 7.2 km
5.6mb (81 obs.) 5.5Msz (14 obs.)

PAKISTAN (710)

Felt at Peshawar, Mianwali, Lohore and Multon.

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 29C
Centroid Locotion:
Origin Time 03:04:28.5 0.2
Lat 30.53N 0.04 Lon 70.54E 0.04
Dep 15.0 FIX Half-duration 2.8
Moment Tensor; Scale 10**24 D-CM
Mrr= 3.69 0.12 Mtt=-0.94 0.13
Mff=-2.74 0.15 Mrt= 2.57 0.32
Mrf= 6.14 0.39 Mtf=-1.31 0.12
Principal Axes:

	Val=	Plg=	Azm=
T	7.68	59	291
N	-0.27	2	24
P	-7.41	31	115

Best Double Couple:Mo=7.5*10**24
NP1:Strike=211 Dip=14 Slip= 98
NP2: 23 76 88

QUE	2.95	257	iPc+	05	09.00	0.6
NDI	6.42	108	iPd	05	53.50	-3.9X
	0.9s	663.87nm			6.4mb	
			eS	07	04.00	
DDI	6.74	93	eP	06	00.00	-1.8
			eS	07	03.00	
MHI	10.48	304	iPc+	06	54.20	0.5
	1.0s	208.00nm			6.3mb	
			eS	09	12.00	
BOM	12.16	168	eP	07	17.50	1.2
			eS	09	41.90	
POO	12.72	164	eP	07	26.00	2.1
			IS	09	57.00	
DMN	13.36	100	iPd	07	27.00	-5.5X
KKN	13.45	99	iPd	07	28.00	-5.7X
PKI	13 63	100	IPd	07	30.20	-5.9X
HYB	15.38	149	iPc	07	53.00	-5.8X
			eS	10	26.50	
SHI	15.38	270	eP	07	59.00	0.0
TEH	16.51	292	ePc	08	15.00	1.8
IR2	16.88	292	eP	08	19.20	1.3
VIS	17.67	135	IP	08	25.00	-2.7
			iS	11	26.00	
GBA	18.42	157	P	08	33.40	-3.6X
			S	11	45.40	
KER	19.81	286	eP	08	55.00	1.9
TAB	20.96	296	eP	09	05.00	-0.1
KOD	21.61	160	IPc	09	12.00	0.0
	1.0s	60.00nm			5.0mb	
BHD	22.05	283	ePd	09	15.00	-0.8
			i	09	27.00	
			ePP	09	55.00	
			eS	13	22.00	
			e	14	33.00	
			e	16	32.00	
			iLQ	17	18.50	
			e	19	10.00	
MSL	23.20	291	ePd	09	27.00	-0.2
			eS	13	47.00	
			eSS	14	45.00	
			eLQ	17	41.50	
			eLR	19	35.00	
RTB	25.48	283	IPd	09	50.50	1.4
			ipP	09	55.00	16kmX
			ePP	10	37.50	
			ePPP	10	47.60	
			eS	14	18.00	
			esS	14	39.00	
			eSS	15	31.00	
			eSSS	15	53.00	
			eLR	15	59.50	
			eLQ	19	51.00	
			e	20	16.00	
LZH	28.39	70	eP	10	16.50	0.6
	2.0s	203.00nm			5.5mb	
E	12s	5.90um				
			eS	14	55.00	
CHG	28.57	108	iPd	10	16.40	-1.1
	1.0s	70.00nm			5.3mb	
			eS	15	06.00	
CHTO	28.57	108	iPd	10	16.40	-1.1
	1.3s	72.30nm			5.2mb	
KMI	29.17	93	Pd-	10	22.00	-1.1
E	12s	0.40um				
			pP	10	39.00	72kmX
			eS	15	05.00	
			sS	15	33.00	
			SS	16	38.00	
HRI	29.28	284	eP	10	25.50	1.6
BHL	29.30	285	Pc	10	25.00	0.9
			S	15	46.00	
JER	29.90	281	eP	10	29.50	0.1
PRNI	30.29	278	eP	10	34.50	1.7
KHT	30.51	115	eP	10	34.00	-0.8
CSS	31.16	287	eP	10	42.50	2.1
LOE	31.57	108	eP	10	43.00	-1.1
NNT	32.71	117	eP	10	54.00	-0.1
ELL	33.86	291	iP	11	03.70	-0.3
YLV	34.32	298	IP	11	07.70	-0.2
ISK	34.58	299	IP	11	10.70	0.6
DST	34.85	296	iP	11	12.50	0.0
CTT	35.06	299	iP	11	14.70	0.5
KCT	35.08	297	iP	11	13.70	-0.7
BNT	35.41	297	iPc	11	17.70	0.5
EDC	35.46	297	iPc	11	17.90	0.3
DMK	35.61	300	iP	11	18.90	0.0
TLB	35.69	305	eP	11	23.00	3.5X
CFR	35.70	306	ePd	11	20.00	0.5
IZM	35.91	294	iPc	11	21.20	-0.3
BRD	36.52	306	eP	11	30.00	3.6X
AAE	36.52	240	eP	11	30.00	2.9X
CLI	36.52	308	ePc	11	27.00	0.5
JMB	36.53	301	iPd	11	30.00	3.5X
ODB	36.55	306	eP	11	40.00	13.3X
EZN	36.63	296	iPc	11	27.40	0.0
PRK	36.67	295	eP	11	27.50	-0.3
ISR	36.82	305	iPc	11	30.00	1.0
SNG	36.91	123	eP	11	30.00	0.0
BUC	37.05	304	iPc	11	30.50	-0.4
BUC1	37.09	304	ePc	11	32.00	0.8
CGN	37.09	304	ePd	11	32.00	0.8
DIM	37.24	300	iPc	11	33.00	0.4
MLR	37.28	306	iPc	11	34.00	1.0
PVL	37.61	302	iPc	11	36.00	0.4
CMP	37.89	305	ePc	11	26.00	-12.0X
PLD	37.90	300	eP	11	38.00	-0.1
TSI	38.13	130	e(P)	11	38.00	-2.3
BJI	38.13	63	eP	11	41.00	0.9
E	18s	6.00um				
			ePP	12	12.00	
			ePcP	13	54.00	
			S	17	29.00	
			ePcS	17	44.00	
			esS	17	56.00	
			eSS	20	12.00	
MMB	38.62	299	iPc	11	44.00	-0.2
SRS	38.71	298	ePc	11	45.10	0.1
ATH	38.72	293	ePc	11	45.00	0.0
			ePP	13	14.00	
			eS	17	44.00	
PSI	38.97	130	ePc	11	45.80	-1.5
	0.7s	22.80nm			5.1mb	
IPM	39.01	126	ePd	11	47.90	0.2
	0.7s	89.70nm			5.7mb	
			e	12	19.80	
VTS	39.03	301	iPc	11	48.00	0.5
			iS	17	50.00	
THE	39.19	298	ePc	11	50.00	1.1
KNT	39.24	299	ePc	11	49.20	-0.2
BMR	39.25	309	ePc	11	52.00	2.7X
DEV	39.44	306	ePc	11	58.00	7.0X
CLO	39.45	305	ePd	11	50.00	-1.0
VAY	39.49	299	eP	11	51.30	-0.1
LIT	39.57	297	ePc	11	51.60	-0.5
HKC	39.97	91	eP	11	58.00	2.4
			ePP	13	19.00	
			eS	18	01.00	
			eSS	20	45.00	
KZN	40.11	297	eP	11	56.50	-0.2
SKO	40.33	300	iPc	11	58.00	-0.3
	1.5s	190.00nm			5.6mb	
			IPP	13	34.00	
			IS	18	06.00	
			ISSS	21	26.00	
OHR	40.83	299	eP	11	45.50	-17.0X
			eS	17	53.00	
VLS	41.17	294	eP	12	04.50	-0.7
JOS	41.32	310	IPc	12	08.30	2.0
SPC	41.60	311	IPc	12	09.50	0.7
PSZ	41.69	309	IPc	12	10.20	0.7
	1.2s	77.90nm			5.3mb	
KRA	41.90	312	iPc	12	11.30	0.2
	1.5s	172.00nm			5.6mb	
Z	18s	5.50um			5.5Msz	
N	18s	3.00um				
E	18s	4.00um				
			i	12	14.70	
			i	12	18.00	
			e	14	06.00	
			eS	18	34.00	
NUR	42.15	328	iP	12	13.00	0.1
	0.9s	67.60nm			5.4mb	
Z	25s	7.20um			5.5MszX	
			ePP	13	56.00	
			eS	18	24.00	
			eSS	21	40.00	
			LR	31	00.00	
BUD	42.24	308	eP	12	14.40	0.5
PPI	42.31	132	eP	12	14.30	-0.5
			e	14	05.00	
			e	17	30.00	
KGM	42.44	126	ePd	12	15.80	0.0
SUF	42.46	332	iP	12	15.70	0.2
	0.3s	51.20nm			5.7mb	
KJF	42.57	334	iPc	12	16.50	0.1
	0.6s	80.80nm			5.6mb	
Z	16s	11.40um			5.9MszX	
			ePP	13	56.00	
			eS	18	36.00	
			eSS	21	44.00	
			LR	34	20.00	
SRO	42.74	309	iPc	12	18.90	0.9
N	17s	2.40um				
E	17s	1.90um				
LCI	43.03	298	eP	12	19.50	-0.9
SSE	43.33	76	IPc+	12	23.00	0.1
	1.0s	41.00nm			5.1mb	
Z	12s	5.70um			5.7MszX	
E	14s	14.00um				
			pP	12	51.00	123kmX
			PP	14	10.00	
			IS	18	48.00	
			sS	19	32.00	
			ScS	22	05.00	
BRT	43.56	298	eP	12	25.80	1.1
ZST	43.58	309	iPc	12	24.90	0.1
			e	14	12.50	
SOP	43.92	308	iPc	12	27.50	0.0
	1.2s	58.10nm			5.2mb	
VKA	44.11	309	iPc	12	29.40	0.3
	2.0s	284.00nm			5.7mb	
			i	12	36.00	
			i	12	41.50	

06d 03h

ORI 44.20 297 iPc 12 29.80 -0.1
KSP 44.31 313 iPc 12 30.70 0.0
1.2s 68.00nm 5.3mb
SOD 44.62 338 iP 12 33.50 0.5
SGO 45.02 298 eP 12 37.00 0.5
NAI 45.11 231 eP 12 44.00 6.3X
2.0s 176.47nm 5.6mb
UPP 45.23 326 iPc 12 37.20 -0.7
iPP 14 30.00
iS 19 22.00
ANP 45.27 84 eP 12 44.00 5.2X
LJU 45.28 306 iPc 12 38.90 0.3
e 13 13.80
PRU 45.36 311 Pc 12 39.40 0.3
1.3s 61.40nm 5.3mb
Z 19s 3.10um 5.3Msz
N 16s 2.60um
E 17s 2.60um
e 12 45.50
e 14 30.00
S 19 18.00
DUI 45.55 300 iPc 12 41.00 0.3
KMR 45.56 309 iP+ 12 41.10 0.4
VOY 45.73 306 iP 12 42.00 -0.2
BRG 45.80 313 iPc 12 43.10 0.6
1.2s 41.00nm 5.2mb
eS 19 28.00
TRI 45.82 305 iPc 12 42.20 -0.6
iPP 14 28.00
eS 19 24.00
eSS 22 58.00
KEV 45.83 341 iPc 12 43.00 0.5
1.0s 72.00nm 5.5mb
ePP 14 20.00
eS 19 28.00
eSS 22 40.00
KHC 45.95 310 iPc 12 44.00 0.1
1.0s 53.50nm 5.4mb
N 16s 1.10um
e 12 50.50
e 14 35.70
KBA 46.09 307 iPc 12 44.30 -0.8
1.0s 157.00nm 5.9mb
i 12 50.70
i 12 59.50
i 14 05.00
AOU 46.28 301 iPc 12 47.00 0.5
epP 12 55.50 28kmX
BRL 46.32 315 eP 12 47.00 0.4
BRN 46.37 315 eP 12 47.00 0.0
BHG 46.40 308 iPc 12 47.10 -0.3
1.2s 97.00nm 5.6mb
WET 46.41 310 iPc 12 47.10 -0.4
CLL 46.42 313 iPc 12 47.20 -0.2
1.3s 62.00nm 5.4mb
eS 19 36.00
MNS 46.81 301 iPc 12 50.00 -0.6
ipP 13 57.00 326kmX
HOF 47.09 312 iPc 12 53.00 0.2
1.0s 36.00nm 5.3mb
COP 47.14 319 iPc 12 54.50 1.4
1.0s 92.00nm 5.7mb
HFS 47.22 325 iPc 12 52.90 -0.7
0.9s 142.20nm 6.0mb
Z 15s 15.59um 6.1MszX
LR 31 40.00
MOX 47.26 312 iPc 12 55.00 0.8
1.3s 126.00nm 5.8mb
ePP 14 45.00
eS 19 48.00
eSS 23 35.00
CTI 47.29 306 iPc 12 54.00 -0.5
FUR 47.48 309 eP 12 55.50 -0.4
1.0s 83.00nm 5.7mb
GRF 47.50 311 iPc 12 56.80 0.7
1.1s 142.00nm 5.9mb
Z 21s 2.50um 5.2Msz
OGA 47.68 307 iPc 12 56.70 -1.1
0.8s 59.00nm 5.7mb
BAG 47.90 96 eP 13 00.00 0.2
eS 19 56.00
SAL 48.10 305 e(P) 13 01.80 1.1
TRO 48.21 338 eP 13 02.50 1.3
OSS 48.30 307 eP+ 13 01.60 -0.9
HAM 48.41 316 ePc 13 04.00 1.0
NB2 48.60 326 P 13 03.30 -1.1
0.9s 79.30nm 5.7mb

SAX 48.81 308 ePd 13 05.60 -1.0
LLS 49.07 307 eP+ 13 07.40 -1.1
KONO 49.17 324 eP 13 08.10 -0.6
TNS 49.29 312 ePc 13 09.90 0.0
SLE 49.36 308 eP+ 13 09.70 -0.8
ZUL 49.45 308 ePd 13 10.20 -1.0
BUH 49.49 310 ePc 13 10.60 -0.9
CVF 49.59 302 iPc 13 11.30 -1.0
1.0s 120.80nm 5.9mb
KKM 49.61 110 ePd 13 13.30 0.4
MMK 49.85 306 ePd 13 14.10 -0.4
ORO 49.88 306 eP 13 12.10 -2.5
BNS 50.08 313 eP 13 15.50 -0.4
CDF 50.13 309 eP 13 15.20 -1.3
1.1s 41.00nm 5.4mb
DIX 50.23 306 ePd 13 16.70 -0.8
WTS 50.29 314 iPc 13 17.30 -0.1
0.9s 130.00nm 5.9mb
STB 50.31 312 iPc 13 17.80 0.2
WIT 50.36 315 eP 13 18.50 0.5
BSF 50.50 309 iPc 13 18.40 -0.9
0.6s 39.00nm 5.6mb
EMS 50.56 306 eP+ 13 19.20 -0.7
HAU 50.78 309 iPc 13 20.80 -0.5
1.2s 151.00nm 5.9mb
WLF 50.79 311 Pc 13 21.40 0.1
MEM 50.84 312 P 13 21.20 -0.4
i 13 28.40
ENN 50.88 312 ePc 13 21.50 -0.5
1.0s 42.00nm 5.4mb
FRF 51.07 303 eP 13 22.20 -1.3
1.0s 41.60nm 5.4mb
LMR 51.20 303 iPc 13 23.20 -1.3
1.1s 27.10nm 5.1mb
LRG 51.29 303 eP 13 24.80 -0.4
1.0s 55.80nm 5.5mb
DBN 51.29 314 eP 13 26.00 1.0
6.0s 1.80nm 3.2mb X
Z 20s 3.00um 5.3Msz
ePP 15 24.00
e 16 02.00
eS 20 46.00
eSS 24 52.00
BER 51.38 325 eP 13 25.20 -0.4
DOU 51.77 312 Pc+ 13 28.70 0.0
0.9s 150.00nm 6.0mb
Z 17s 4.30um 5.5MszX
e 15 41.00
S 20 53.00
UCC 51.87 313 P 13 27.40 -2.1
SHK 51.91 68 eP 13 29.70 -0.3
LBF 52.49 308 iPc 13 33.20 -1.0
LOR 52.53 308 iPc 13 33.40 -1.1
SMF 52.62 307 iPc 13 34.40 -0.8
SSF 52.80 308 iPc 13 35.60 -0.9
PLDF 52.86 307 iPc 13 36.90 -0.2
AVF 52.94 308 iPc 13 36.60 -0.9
GRC 53.06 308 iPc 13 37.80 -0.6
BGF 53.31 307 iPc 13 39.40 -0.9
PYM 53.32 306 iPc 13 39.50 -0.9
MZF 53.54 307 iPc 13 41.60 -0.4
MAP 53.73 100 iPc 13 44.00 0.3
TCF 53.79 307 iPc 13 43.40 -0.4
KBS 53.96 348 iPd 13 45.00 0.4
CAF 54.11 305 iPc 13 45.80 -0.4
LSF 54.26 307 iPc 13 46.40 -0.8
RJF 54.43 306 iPc 13 48.20 -0.3
1.3s 158.80nm 5.9mb
LPO 54.77 305 iPc 13 50.60 -0.4
1 2s 83.30nm 5.6mb
LDF 55.01 310 eP 13 51.40 -1.3
1.0s 60.00nm 5.6mb
LFF 55.04 306 iPc 13 52.20 -0.7
1.2s 156.40nm 5.9mb
MLS 55.17 303 eP 13 52.20 -1.8
FLN 55.22 310 iPc 13 53.00 -1.2
1.2s 79.70nm 5.6mb
BNG 55.23 252 iPc 13 54.30 -0.5
1.4s 209.30nm 6.0mb
MFF 55.34 308 iPc 13 54.00 -1.1
1.1s 87.90nm 5.7mb
GRR 55.52 310 eP 13 55.20 -1.2
1.2s 105.20nm 5.7mb
EPF 55.69 304 iPc 13 56.00 -1.7
1.2s 83.30nm 5.6mb
LPF 55.70 310 eP 13 56.80 -0.8
1.0s 31.10nm 5.3mb

MAT 55.75 65 eP 13 57.00 -1.2
1.2s 81.25nm 5.6mb
Z 20s 1.95um 5.2Msz
eS 21 38.00
EKA 55.99 319 Pc 13 58.20 -1.5
1.3s 71.50nm 5.5mb
EBR 56.07 301 eP 14 00.00 -0.4
DAV 56.75 103 eP 14 07.00 1.3
1.3s 461.54nm 6.4mb
eS 21 52.00
ALI 57.42 298 iP+ 14 13.00 3.0X
ePP 16 13.00
eS 22 05.00
ETA 58.16 316 eP 14 15.20 0.2
1.8s 320.00nm 6.1mb
DLE 58.25 317 eP 14 14.60 -1.0
1.3s 210.00nm 6.1mb
ECP 58.35 315 eP 14 15.60 -0.7
1.2s 190.00nm 6.1mb
DMU 58.36 317 eP 14 14.20 -2.2
1.0s 90.00nm 5.8mb
ECB 58.56 316 eP 14 16.60 -1.2
1.4s 270.00nm 6.2mb
DCN 58.67 317 eP 14 18.90 0.3
1.1s 130.00nm 6.0mb
MKS 59.12 119 e(P) 14 19.00 -3.2X
TOL 59.67 301 eP 14 25.00 -0.6
ePP 16 36.00
e(S) 22 36.00
TAF 59.94 295 iP 14 29.00 1.3
DAG 59.98 345 iPd 14 26.90 -0.5
0.9s 100.84nm 5.9mb
CRT 60.12 298 eP 14 29.00 0.2
MTD 60.24 224 iPc 14 30.00 0.0
VAL 60.74 316 iP 14 22.00 -10.7X
KRI 61.47 225 iPc 14 38.00 -0.3
AKU 61.64 332 iP 14 39.40 0.6
1.0s 60.00nm 5.7mb
REY 63.60 331 eP 14 52.40 0.7
AVE 64.36 295 iP 14 56.50 -0.7
i 15 12.00
ALE 64.56 354 ePc 14 57.90 0.0
0.5s 10.00nm 5.2mb
BUL 64.62 224 iPc 14 58.90 -0.2
1.0s 52.00nm 5.6mb
NAU 68.59 135 eP 15 25.00 0.9
SLR 69.16 220 iPc 15 27.60 -0.2
1.2s 29.69nm 5.2mb
Z 19s 1.39um 5.2Msz
EVA 69.33 219 e(P) 15 30.50 1.6
BPI 69.64 220 eP 15 27.00 -3.8X
KSR 70.04 221 iPd 15 33.40 0.2
0.5s 10.81nm 5.1mb
GUA 70.11 86 e(P) 15 36.00 2.3
Z 19s 1.11um 5.1Msz
MBL 70.29 131 eP 15 34.00 -0.6
GDH 72.14 342 iPd 15 45.80 0.8
1.0s 80.00nm 5.7mb
i 18 32.00
i 20 19.00
iS 25 20.00
MTN 72.82 117 eP 15 49.00 -0.8
KNA 72.85 121 eP 15 49.00 -1.0
BLF 72.95 220 iPd 15 51.00 0.5
1.0s 30.00nm 5.2mb
MBC 72.96 2 eP 15 50.00 0.3
0.6s 73.00nm 5.8mb
MEK 73.46 136 eP 15 53.00 -0.4
WIN 73.65 230 eP 15 49.00 -5.8X
KIC 73.91 268 iPc 15 56.40 0.1
MUN 76.18 141 eP 16 09.00 0.1
KLB 76.73 140 eP 16 10 00 -2.0
NWAO 77.46 141 eP 16 15.00 -1.0
Z 20s 4.40um 5.8Msz
N 20s 3.20um
E 20s 2.20um
IMA 77.65 17 eP 16 16.50 -0.3
1.0s 38.80nm 5.4mb
WBN 78.18 130 eP 16 22.00 1.9
TTA 79.49 20 eP 16 27.50 0.7
INK 79.55 9 iPc 16 27.40 0.5
1.1s 97.00nm 5.7mb
WRA 79.60 121 Pc 16 28.20 0.2
0.7s 22.60nm 5.3mb
WB2 79.61 121 iPd 16 28.20 0.1
eS 26 23.30
COL 80.02 15 iPc 16 29.80 0.3

1.0s 87.50nm 5.7mb
Z 19s 5.56um 5.9Msz
FBA 80.02 15 eP 16 29.70 0.2
1.0s 86.30nm 5.7mb
FRB 80.23 343 eP 18 31.00 0.4
MBO 80.42 281 IPd 16 33.10 0.7
SVW 81.03 21 eP 16 36.30 1.3
ASPA 81.59 124 eP 16 36.00 -2.5
eS 26 52.00
PME 82.48 18 eP 16 42.50 0.1
1.2s 58.60nm 5.5mb
PMR 82.48 18 eP 16 42.50 0.1
Z 20s 1.00um 5.2Msz
TOA 82.79 16 eP 16 45.30 1.1
PMG 83.71 105 eP 16 51.00 1.5
SDN 83.77 26 eP 16 50.60 1.5
ISO 83.97 118 eP 16 51.00 0.3
KDC 84.68 21 eP 16 54.50 0.8
PNL 86.51 15 eP 17 04.20 1.3
YKA 86.87 2 eP 17 05.90 1.4
YKC 86.89 2 ePc 17 05.20 0.7
1.0s 66.00nm 5.8mb
SCH 87.00 337 eP 17 07.00 1.7
CTA 88.78 114 iPd 17 14.60 0.3
0.9s 20.59nm 5.4mb
iS 27 43.00
STK 91.96 126 eP 17 30.00 1.2
RMQ 94.17 118 eP 17 41.00 1.9
FFC 94.48 355 IPc 17 40.90 0.7
1.1s 46.00nm 5.8mb
EDM 96.19 2 IPc 17 49.40 1.2
LHC 98.96 346 eP 18 02.00 1.3
LRM 103.62 2 ePdiff 18 22.80 1.1
EUR 109.75 5 iPKP 22 56.50 4.7X
0.6s 2.56nm
RLO 111.89 347 ePKP 23 03.10 7.5X
TUL 112.28 348 e(PKP) 23 04.00 7.7X
1.2s 10.40nm
Z 19s 4.20um 6.0Msz
ALQ 114.45 357 e(PKP) 22 41.00 -19.9X
Z 18s 2.75um 5.9Msz
JCT 118.25 350 ePKP 23 09.00 1.0
1.0s 6.50nm
Z 20s 2.84um 5.9Msz
SPA 120.71 180 ePKP 23 12.50 0.8
1.0s 7.50nm
SBA 121.32 166 ePKP 23 13.00 0.6
TPM 129.37 347 iPKPd 23 31.00 1.2
BOG 130.94 310 ePKP 23 34.60 1.4
ePP 25 48.00
PSO 135.65 310 ePKP 23 40.50 -1.7
LPB 139.53 281 ePKP 23 49.00 -0.3
Z 19s 2.95um 6.1Msz
LR 11 15.00
ARE 142.35 284 ePKP 23 49.00 -5.2X
NNA 144.27 295 ePKP 23 56.00 -1.2
1.1s 21.52nm
Z 24s 0.78um 5.4MszX
FCH 146.64 255 ePKP 24 04.00 3.0X
BACH 146.81 255 iPKPc 24 04.00 3.0X
JACH 146.81 256 ePKP 24 03.50 2.5X
PCH 146.85 255 ePKP 24 04.00 2.9X
SAN 146.96 255 ePKP 24 04.00 2.8X
ROCH 147.19 256 ePKP 24 05.20 3.4X
TACH 147.21 255 ePKP 24 03.00 1.5
LNV 147.63 254 ePKP 24 02.00 -0.1
S.D. = 0.9 on 254 of 287 obs.

& MAY 06, 1985 03h 13m 42.10s
36.528 N 121.177 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.5 (BRK).

LLA 0.21 65 IPc 13 45.70 -0.7
iS 13 49.90
PRS 0.25 219 eP 13 47.30 0.1
SAO 0.32 318 iPc 13 47.60 -1.0
SLD 0.55 356 eP 13 52.00 -1.1
PRI 0.57 133 eP 13 53.40 0.0
iS 14 05.00
GCC 0.83 308 eP 13 57.70 -0.9
ARN 0.87 341 eP 13 58.00 -1.3
MHC 0.89 336 eP 13 59.90 0.1
JAS1 1.52 23 eP 14 08.90 -1.1
9 obs. associated

MAY 06, 1985 03h 27m 00.68± 0.90s
30.788 N ± 5.3km 70.337 E ± 4.3km
DEPTH = 34.1 ± 8.7 km
5.1mb (42 obs.)
PAKISTAN (710)

QUE 2.98 259 eP 27 48.00 1.1
NDI 6.34 108 IPd 28 32.00 -2.2
eS 29 42.00
MHI 10.58 304 iPd 29 34.10 0.9
BOM 12.05 169 eP 29 54.50 1.5
eS 32 18.50
HYB 15.27 149 eP 30 41.00 5.5X
IR2 16.97 292 eP 30 58.00 0.8
GBA 18.31 158 P 31 11.70 -2.1
S 34 23.70
KER 19.89 286 e(P) 31 44.00 11.8X
KMI 29.11 93 eP 33 00.00 -0.8
ELL 33.95 291 iP 33 42.70 -0.3
MLR 37.39 306 IPc 34 13.00 0.9
CMP 37.99 305 ePd 34 06.00 -11.1X
BJI 38.13 63 eP 34 19.00 0.8
PSI 38.86 130 ePc 34 24.80 0.2
IPM 38.91 126 ePc 34 26.90 1.8
VAY 39.58 299 IP 34 30.30 -0.1
SKO 40.43 300 iPc 34 37.50 0.1
JOS 41.43 310 ePc 34 46.30 0.9
0.8s 6.00nm 4.4mb
KRA 42.01 312 eP 34 50.80 0.6
0.7s 29.00nm 5.1mb
e 34 54.60
NUR 42.26 328 IP 34 52.90 0.8
1.0s 22.00nm 4.8mb
SUF 42.58 332 IP 34 55.10 0.5
KJF 42.69 334 IP 34 56.00 0.5
0.8s 30.80nm 5.1mb
ZST 43.68 309 iPd 35 04.70 0.8
VKA 44.21 309 iPd 35 09.10 0.9
0.5s 16.90nm 5.1mb
KSP 44.42 313 eP 35 10.50 0.7
SOD 44.74 338 iP 35 12.60 0.5
SGO 45.11 298 eP 35 16.50 1.0
UPP 45.35 326 iP 35 16.70 -0.3
LJU 45.39 306 eP 35 18.00 0.4
PRU 45.47 312 ePc 35 18.50 0.3
e 35 24.10
DUI 45.65 300 eP 35 21.00 1.3
VOY 45.83 306 ePc 35 21.00 -0.2
BRG 45.91 313 IPc 35 22.00 0.4
1.2s 21.00nm 4.9mb
KEV 45.94 341 eP 35 22.00 0.4
0.7s 18.70nm 5.1mb
KHC 46.06 310 IPc 35 23.00 0.1
1.0s 13.00nm 4.8mb
KBA 46.20 307 IPd 35 23.60 -0.6
0.8s 13.80nm 4.9mb
i 35 34.30
AQU 46.38 301 eP 35 26.00 0.4
CLL 46.53 313 IP 35 27.00 0.5
1.2s 14.00nm 4.8mb
MNS 46.91 301 IPc 35 29.30 -0.3
HFS 47.33 325 eP 35 32.20 -0.5
1.0s 29.60nm 5.2mb
MOX 47.37 312 IP 35 33.50 0.2
1.3s 29.00nm 5.1mb
e 05 20.00
CTI 47.39 306 eP 35 33.80 0.2
GRF 47.61 311 IPc 35 36.10 0.9
1.0s 25.00nm 5.2mb
OGA 47.79 307 IPc 35 36.10 -0.7
0.8s 10.00nm 4.9mb
SAL 48.20 306 eP 35 45.30 5.5X
OSS 48.40 307 eP 35 41.00 -0.5
NB2 48.71 326 P 35 42.20 -1.3
0.8s 16.60nm 5.1mb
SAX 48.92 308 eP 35 44.90 -0.7
LLS 49.18 307 eP 35 46.50 -1.0
SLE 49.47 308 eP 35 48.40 -1.1
CVF 49.69 302 eP 35 50.40 -0.9
0.9s 20.40nm 5.2mb
MMK 49.95 306 eP 35 52.60 -1.0
ORO 49.98 306 eP 35 52.00 -1.6
CDF 50.24 309 eP 35 55.00 -0.5
DIX 50.33 306 eP 35 55.80 -0.7
WTS 50.40 314 eP 35 57.00 0.5
0.8s 19.00nm 5.2mb
e 36 02.00

BSF 50.61 309 eP 35 57.70 -0.6
0.8s 10.90nm 4.9mb
EMS 50.67 306 eP 35 58.60 -0.3
HAU 50.89 309 eP 36 00.00 -0.4
1.0s 20.70nm 5.1mb
WLF 50.90 311 Pd 36 01.50 1.2
DOU 51.88 312 P 36 08.40 0.6
0.8s 50.00nm 5.5mb
LBF 52.59 308 IPc 36 12.40 -0.9
1.0s 20.30nm 5.0mb
LOR 52.64 308 eP 36 12.70 -0.9
0.9s 9.80nm 4.8mb
SMF 52.73 307 eP 36 13.80 -0.4
0.8s 34.90nm 5.4mb
SSF 52.90 308 IPc 36 15.00 -0.5
1.0s 38.00nm 5.3mb
AVF 53.04 308 eP 36 15.90 -0.6
0.8s 14.50nm 5.0mb
GRC 53.17 308 IPc 36 17.00 -0.4
BGF 53.42 307 eP 36 18.80 -0.5
1.2s 26.80nm 5.1mb
MZF 53.65 307 eP 36 20.90 -0.1
0.9s 10.60nm 4.8mb
TCF 53.89 307 IPc 36 22.80 0.0
1.1s 28.00nm 5.2mb
CAF 54.21 306 IPc 36 25.10 -0.1
0.9s 18.00nm 5.1mb
LSF 54.37 307 IPc 36 25.80 -0.5
0.8s 26.60nm 5.3mb
RJF 54.53 306 eP 36 27.60 0.1
1.0s 20.00nm 5.1mb
LPO 54.87 305 eP 36 29.80 -0.2
LDF 55.11 310 eP 36 31.10 -0.6
LFF 55.14 306 eP 36 31.70 -0.2
1.0s 16.20nm 5.0mb
BNG 55.26 252 IPd 36 33.50 0.3
1.0s 19.80nm 5.1mb
i 36 41.00
i 36 53.00
MLS 55.28 303 eP 36 31.40 -1.5
FLN 55.32 311 eP 36 32.50 -0.7
MFF 55.45 308 eP 36 33.50 -0.6
1.0s 17.60nm 5.0mb
GRR 55.63 310 eP 36 34.70 -0.7
1.0s 26.90nm 5.2mb
LPF 55.81 310 eP 36 36.00 -0.6
DAG 60.09 345 IPd 37 06.00 -0.3
1.2s 31.25nm 5.3mb
MTD 60.21 224 eP 37 08.00 0.0
KRI 61.44 225 eP 37 16.00 -0.4
BUL 64.59 224 eP 37 37.20 0.0
ALE 64.66 354 eP 37 37.00 0.2
0.8s 4.00nm 4.6mb
MBC 73.05 2 eP 38 24.00 -4.5X
0.6s 10.00nm 5.0mb
KIC 73.96 268 iP 38 35.40 8.5
WRA 79.50 121 Pd 39 06.60 0 8
0.9s 8.10nm 4.7mb
WB2 79.51 121 eP 39 06.80 1.0
INK 79.64 9 eP 39 07.00 1.4
COL 80.10 16 eP 39 08.00 -0.2
0.8s 12.69nm 5.0mb
YKA 86.96 2 eP 39 44.60 1.4
YKC 86.98 2 eP 39 44.00 0.7
0.8s 13.00nm 5.2mb
FFC 94.58 356 eP 40 20.00 1.0
0.8s 6.00nm 5.1mb
S.D. = 0.8 on 91 of 96 obs.

MAY 06, 1985 04h 53m 20.91± 0.44s
48.909 N ± 9.2km 156.137 E ± 7.3km
DEPTH = 42.4km (7 depth phases)
5.0mb (25 obs.) 4.3Msz (1 obs.)
KURIL ISLANDS REGION (222)

MAT 18.01 233 (P) 57 26.00 -3.6X
1.0s 20.00nm 4.2mb
Z 20s 0.53um
SHK 22.53 239 eP 58 17.80 -0.3
BJI 29.57 268 eP 59 22.00 -1.7
COL 33.20 40 eP 59 55.00 -0.3
INK 38.74 34 IPc 00 43.20 1.0
LZH 39.87 271 eP 00 51.50 -0.7
ALE 47.39 6 ePc 01 52.20 0.1
0.7s 14.00nm 5.1mb
KMI 47.63 260 Pc 01 54.50 -0.5
YKA 47.97 39 eP 01 57.70 0.9

06d 05h

YkC 48.03 39 eP 01 57.00 -0.3
EDM 53.35 49 eP 02 37.50 -0.4
DAG 54.56 359 eP 02 44.00 -2.3
CHG 54.58 258 iPc 02 47.80 0.5
0.8s 12.69nm 5.0mb
CHTO 54.58 258 iPc 02 47.80 0.5
0.7s 7.78nm 4.8mb
pP 03 00.20 44km
KKN 57.30 276 iP 03 07.00 0.0
0.9s 59.00nm 5.6mb
PKI 57.37 276 iP 03 07.60 0.0
1.0s 44.00nm 5.5mb
DMN 57.54 276 iP 03 09.10 0.4
0.8s 77.00nm 5.8mb
FFC 57.77 42 eP 03 09.50 -0.2
0.7s 4.00nm 4.6mb
SOD 57.96 339 eP 03 09.00 -1.8
LRM 58.28 55 eP 03 13.10 -0.6
KJF 60.25 337 eP 03 25.00 -1.7
EUR 60.35 63 iP 03 28.20 0.1
0.2s 7.82nm 5.5mb
SUF 61.86 336 iP 03 36.00 -1.7
0.3s 1.20nm 4.5mb
FRB 62.33 21 eP 03 39.00 -1.7
NUR 64.10 336 eP 03 51.00 -1.4
Z 18s 0.20um 4.3Msz
LR 34 50.00
NB2 66.82 342 P 04 08.70 -1.2
0.9s 7.30nm 4.7mb
HFS 67.12 341 eP 04 11.00 -0.8
0.5s 2.70nm 4.6mb
Z 14s 0.18um 4.4MszX
LR 33 46.00
HYB 68.96 273 eP 04 24.00 0.1
WB2 71.24 202 eP 04 36.20 -1.3
WRA 71.25 202 P 04 38.00 0.4
0.7s 3.00nm 4.4mb
POO 71.25 277 iPc 04 38.00 0.2
GBA 72.46 271 P 04 45.00 0.0
IR2 72.85 305 (P) 04 49.00 1.8
TUL 74.18 53 e(P) 05 00.70 6.0X
0.8s 9.60nm 4.8mb
RLO 74.39 53 eP 04 56.80 0.8
KRA 74.48 332 eP 04 56.90 0.7
0.7s 29.00nm 5.3mb
EKA 74.69 348 Pd 04 58.00 0.7
0.4s 5.10nm 4.8mb
KSP 74.84 335 eP 04 58.70 0.4
CLL 75.30 337 iPc 05 01.20 0.3
1.2s 31.00nm 5.1mb
i 05 14.00 44km
BRG 75.46 336 iP 05 02.10 0.3
1.3s 16.00nm 4.8mb
e 05 15.00 44km
JOS 75.67 331 eP 05 03.50 0.5
BHO 75.83 54 e(P) 05 03.70 -0.5
PRU 76.10 336 Pc 05 06.00 0.5
WTS 76.13 341 eP 05 06.00 0.4
0.8s 13.00nm 5.0mb
e 05 18.50 42km
MOX 76.27 338 eP 05 07.00 0.6
1.1s 18.00nm 5.0mb
HOF 76.50 337 iP 05 08.80 1.0
KHC 77.14 336 iPc 05 12.50 1.1
0.9s 21.50nm 5.2mb
e 05 24.50 40km
GRF 77.24 337 iPc 05 13.10 1.2
1.1s 35.00nm 5.3mb
WET 77.32 336 iPc 05 03.60 -8.7X
1.0s 23.00nm 5.2mb
ENN 77.47 341 eP 05 14.00 0.9
1.0s 30.00nm 5.3mb
e 05 26.00 40km
MEM 77.61 341 P 05 14.80 1.0
e 05 27.40 43km
DOU 78.39 342 Pc 05 31.70 13.6X
0.8s 35.00nm
KBA 79.08 335 iPc 05 23.60 1.4
0.8s 48.10nm 5.5mb
i 05 32.00 27kmX
i 05 35.30
CDF 79.39 339 eP 05 37.10 13.4X
0.9s 14.40nm
HAU 79.98 340 eP 05 40.20 13.3X
0.8s 6.10nm
BSF 80.05 340 eP 05 40.50 13.2X
1.0s 12.50nm

FLN 80.64 345 eP 05 43.90 13.6X
1.0s 21.60nm
LDF 80.73 344 eP 05 44.40 13.6X
GRR 81.06 345 eP 05 46.40 13.9X
0.8s 29.40nm
LOR 81.23 341 eP 05 47.10 13.7X
0.9s 11.40nm
VAY 81.27 326 eP 05 34.40 0.7
GRC 81.37 342 iPc 05 48.70 14.6X
LPF 81.44 345 eP 05 48.70 14.2X
1.1s 31.60nm
LBF 81.47 341 eP 05 48.30 13.6X
SSF 81.50 341 eP 05 48.70 13.9X
1.0s 12.00nm
AVF 81.79 341 eP 05 50.40 14.1X
1.2s 12.30nm
SMF 81.82 341 eP 05 50.80 14.3X
1.0s 14.00nm
HRI 82.49 313 eP 05 41.00 0.6
MZF 82.50 342 eP 05 54.60 14.5X
0.9s 17.20nm
TCF 82.50 342 eP 05 54.60 14.5X
0.9s 6.60nm
PRNI 85.25 312 eP 05 58.00 3.7X
S.D. = 1.0 on 51 of 71 obs.

& MAY 06, 1985 06h 07m 44.93s
59.766 N 150.562 W
DEPTH = 36.3km
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

BRLK 0.16 269 IP 07 50.99 -0.6
eS 07 56.93
CNPM 0.42 235 iPc 07 53.30 -1.2
HOM 0.56 259 iPd 07 55.80 -0.6
SEW 0.65 58 IP 07 56.57 -1.1
eS 08 06.22
SLKM 0.76 13 IP 07 58.72 -0.6
eS 08 09.53
MPA 0.94 39 IP 08 00.96 -0.8
eS 08 13.95
NKA 1.04 341 eP 08 04.93 1.8
eS 08 17.69
ILM 1.21 291 eP 08 04.95 -0.7
RDT 1.23 312 eP 08 05.43 -0.5
eS 08 22.08
RED 1.29 302 eP 08 06.20 -0.6
PTE 1.34 34 eP 08 06.94 -0.5
OPT 1.36 266 eP 08 06.50 -1.3
AUL 1.51 256 eP 08 10.10 0.1
AUH 1.52 256 eP 08 10.39 0.1
PMS 1.56 18 eP 08 10.30 -0.6
SPU 1.60 333 eP 08 11.10 -0.3
CRP 1.70 333 eP 08 13.03 0.1
CGLM 1.70 336 eP 08 13.37 0.5
SUA 1.71 357 eP 08 12.42 -0.5
eS 08 35.47
CDD 1.79 243 eP 08 14.00 0.0
PWA 1.92 10 eP 08 15.78 -0.1
KNK 1.95 31 eP 08 15.21 -1.1
PLRM 1.96 20 eP 08 15.51 -0.9
CFI 1.98 43 iP 08 15.27 -1.4
PME 2.01 21 eP 08 16.55 -0.6
GLI 2.06 56 iP 08 15.67 -2.1
TTV 2.14 51 eP 08 17.30 -1.7
GHO 2.17 21 eP 08 18.52 -0.9
MSE 2.22 20 eP 08 19.38 -0.8
KDC 2.26 207 eP 08 18.38 -2.2
FID 2.26 62 iP 08 17.80 -2.9
SML 2.32 27 eP 08 20.63 -0.9
VZW 2.37 55 iP 08 20.22 -2.1
VLZ 2.52 55 eP 08 22.24 -1.9
SCM 2.61 36 iP 08 25.47 -0.3
SGAM 2.78 72 eP 08 25.21 -2.8
KLU 2.87 51 iP 08 27.82 -1.6
TOA 3.18 41 eP 08 33.13 -0.7
KMP 3.24 55 eP 08 32.65 -2.0
BALM 4.27 69 eP 08 45.86 -3.5
COL 5.31 13 iP 09 02.20 -1.7
eS 10 02.00
41 obs. associated

• MAY 06, 1985 06h 27m 32.80± 0.80s
37.594 N ±19.6km 71.462 E ±23.3km
DEPTH = 33.0km (normal)
4.1mb (5 obs.)

AFGHANISTAN-USSR BORDER REGION (717)

NDI 10.11 150 ePn 29 58.00 -0.7
eSn 31 38.00
KKN 15.18 126 eP 31 06.80 0.2
0.6s 17.00nm 4.5mb
DMN 15.19 127 eP 31 07.60 0.8
0.6s 8.00nm 4.2mb
PKI 15.41 126 eP 31 09.80 0.0
0.4s 4.00nm 4.0mb
HFS 42.44 321 eP 35 26.50 0.7
0.4s 1.60nm 4.1mb
NB2 43.74 322 P 35 36.60 0.2
0.4s 0.70nm 3.8mb
INK 72.79 9 eP 38 59.00 -0.3
YKA 80.14 3 eP 39 39.50 -1.0
S.D. = 0.8 on 8 of 8 obs.

MAY 06, 1985 07h 33m 58.41± 0.31s
36.407 S ± 7.0km 98.868 W ± 5.8km
DEPTH = 10.0km (geophysicist)
5.2mb (19 obs.) 5.1Msz (3 obs.)
SOUTHERN PACIFIC OCEAN (692)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 29C
Centroid Location:
Origin Time 07:34: 4.2 0.2
Lat 36.23S 0.03 Lon 98.90W 0.04
Dep 10.0 FIX Half-duration 2.5
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.29 0.07 Mtt=-0.12 0.07
Mff= 0.42 0.09 Mrt= 0.32 0.20
Mrf=-0.19 0.27 Mtf=-3.69 0.09
Principal Axes:
T Val= 3.88 Plg= 5 Azm= 47
N -0.32 85 247
P -3.56 2 137
Best Double Couple:Mo=3.7*10**24
NP1:Strike=182 Dip=85 Slip= 2
NP2: 92 88 175

LNV 22.55 92 eP 39 05.00 5.2X
TACH 23.01 91 iP 39 05.80 1.4
SAN 23.28 91 eP 39 08.50 1.4
PCH 23.36 92 eP 39 08.40 0.5
BACH 23.44 91 ePd 39 09.50 0.8
JACH 23.55 89 eP 39 10.50 0.7
FCH 23.61 91 eP 39 12.00 1.3
MDZ 24.90 91 eP 39 24.50 1.7
ANT 27.58 71 eP 39 46.50 -1.1
TCA 28.81 90 ePd 39 42.30 -16.5X
SLA 30.86 77 ePd 40 17.00 -0.2
ARE 31.37 58 iPc 40 21.20 -0.7
1.0s 180.00nm 5.9mb
YJA 32.19 73 ePc 40 29.00 -0.3
LPB 33.70 62 iPc 40 43.00 0.6
1.2s 125.00nm 5.7mb
S 46 09.00
LR 49 55.00
CCH 34.56 66 Pc 40 48.80 -0.9
0.1s 1.20nm 4.6mb
PSO 42.44 33 eP 41 55.00 -0.5
VAO 46.51 88 ePc 42 27.20 -0.7
e 42 33.70
e 42 35.10
e 42 38.30
e 42 48.30
BOG 46.95 35 eP 42 32.00 0.3
eS 49 24.00
FUO 47.85 35 eP 42 46.00 7.3X
VAH 48.11 283 eP 42 42.00 1.6
1.6s 130.00nm 5.8mb
BAO 49.56 79 iP 42 50.60 -1.2
COM 52.76 8 eP 43 25.00 9.0X
VHO 53.39 3 ePd 43 19.00 -1.6
TOV 53.48 37 eP 43 18.50 -2.7
SPA 53.78 180 eP 43 23.60 0.6
1.0s 15.50nm 5.0mb
TPM 55.09 360 iPc 43 33.50 0.5
OXM 55.41 359 ePc 43 35.00 -0.5
CAR 55.51 39 eP 43 38.30 2.1
0.7s 54.79nm 5.7mb
SBA 55.63 195 iPc 43 36.10 -0.1
SNA 58.34 157 eP 43 54.50 -1.0
SOB1 58.91 78 iPc 43 59.20 -1.1
0.7s 11.10nm 5.1mb

		e	44	06.80	
		e	44	19.50	
ITR	61.13	79 eP	44	13.20	-2.3
	0.8s	9.80nm			5.0mb
		e	44	17.90	
		e	44	23.60	
		e	44	32.90	
SJG	62.42	35 eP	44	19.00	-5.0X
MNG	64.55	237 P	44	47.00	9.2X
TCW	65.09	236 P	44	41.00	-0.3
LTX	65.55	355 P	44	44.10	-0.2
	1.0s	28.00nm			5.4mb
KRP	65.75	240 P	44	44.00	-1.5
JCT	66.54	359 eP	44	47.00	-3.5X
	1.0s	21.50nm			5.3mb
MSZ	67.56	230 P	44	55.00	-2.0
SYO	70.49	165 eP	45	14.30	-0.3
BHO	70.52	4 eP	45	14.00	-1.1
ALQ	71.34	353 eP	45	20.00	-0.3
	1.7s	34.62nm			5.2mb
Z	18s	0.86um			5.1Msz
TUL	72.01	3 eP	45	24.70	0.7
	1.1s	20.60nm			5.1mb
Z	18s	0.31um			4.6Msz
JSC	72.22	15 P	45	24.10	-1.2
RLO	72.29	3 ePd	45	24.30	-1.5
RSCP	72.70	11 eP	45	26.90	-1.3
VPEM	74.11	344 P	45	36.30	-0.3
PRI	74.97	342 eP	45	42.10	0.6
NAV	75.24	15 P	45	41.50	-1.5
SAO	75.76	341 eP	45	46.60	0.7
MNA	76.57	345 eP	45	50.80	0.2
JAS1	76.60	343 eP	45	50.70	0.1
NA2	76.69	17 P	45	49.40	-1.7
BKS	77.01	341 eP	45	54.10	1.2
	0.9s	33.00nm			5.4mb
EUR	77.14	347 iP	45	53.60	-0.3
	0.3s	6.15nm			5.2mb
DAU	77.29	350 P	45	55.10	0.3
DUG	77.30	349 P	45	55.30	0.7
BMN	78.30	346 eP	45	59.90	-0.2
	1.5s	30.30nm			5.1mb
MIN	79.19	342 eP	46	06.00	1.0
BDW	79.41	352 eP	46	08.00	1.8
	1.0s	19.20nm			5.1mb
WDC	79.64	342 eP	46	06.60	-0.6
RSSD	80.29	356 eP	46	12.20	1.3
	1.0s	14.50nm			4.9mb
LRM	82.76	350 eP	46	25.10	1.3
KOU	83.33	250 iPc	46	27.30	0.2
RSNY	83.54	17 P	46	26.30	-1.3
Z	20s	2.54um			5.6Msz
LHC	84.88	6 eP	46	34.00	-0.1
LON	85.31	344 P	46	38.00	1.6
NEW	85.85	348 eP	46	41.00	1.9
RSON	87.01	3 eP	46	43.30	-1.3
	0.8s	6.69nm			4.9mb
PNT	87.31	347 eP	46	49.00	2.8X
EDM	90.14	351 eP	46	59.00	-0.6
FFC	90.80	358 eP	47	04.00	1.6
	1.5s	20.00nm			5.2mb
YKC	99.34	353 eP	47	42.00	0.7
YKA	99.37	353 eP	47	43.00	1.6
BUL	105.01	129 iPKPc	52	24.80	2.0
	1.4s	11.63nm			
MTD	109.38	129 ePKP	52	36.00	4.9X
MOX	129.45	51 ePKP	53	10.00	1.6
		e	53	20.50	
		e	53	35.00	
MAT	134.70	288 (PKP)	53	29.00	10.1X
PSI	142.65	210 ePKP	53	29.00	-5.0X
SSE	146.45	273 ePKP	53	39.00	-1.0
NNT	150.98	220 ePKP	53	53.00	5.6X
BJI	152.34	288 ePKP	53	54.00	5.3X
IR2	155.58	83 (PKP)	53	57.00	3.5X
MHI	162.57	84 ePKP	54	08.00	6.7X
QUE	166.62	114 ePKP	54	09.90	4.6X
PKI	170.47	204 ePKP	54	08.50	0.5
	0.7s	7.00nm			
KKN	170.72	203 ePKP	54	06.60	-1.3
	S.D. = 1.2	on 71 of 87 obs.			

* MAY 06, 1985 10h 35m 46.75± 1.06s
17.164 N ±13.4km 62.268 W ±11.3km
DEPTH = 30.0 ± 6.5 km
LEEWARD ISLANDS (92)

BPA	0.41	107 iPd	35	55.63	-0.2
SEG	1.05	136 eP	36	05.12	-0.3
		S	36	17.40	
PAG	1.26	153 eP	36	06.98	-1.5
		S	36	22.90	
BTG	1.28	156 eP	36	08.30	-0.4
SFG	1.37	131 eP	36	10.41	0.5
MGG	1.54	143 eP	36	13.02	0.6
MDN	2.02	155 eP	36	19.37	0.0
FDF	2.65	156 eP	36	29.50	1.2
CRM	2.73	151 eP	36	29.80	0.4
BIM	2.87	156 eP	36	31.20	-0.3
MVM	2.91	153 eP	36	32.26	0.2
SJG	3.82	285 e(P)	36	45.00	0.0
	S.D. = 0.8	on 12 of 12 obs.			

* MAY 06, 1985 11h 21m 49.47± 2.80s
33.134 S ± 8.0km 71.839 W ±20.9km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.71	77 iPd	22	03.30	-0.4
LNV	0.89	157 iPd	22	06.10	-0.5
		iS	22	19.00	
TACH	0.91	125 iPc	22	07.50	0.5
		iS	22	23.00	
PEL	0.97	91 iPd	22	08.50	0.6
SAN	1.04	108 iPd	22	09.30	0.2
		iS	22	27.60	
JACH	1.14	67 iPd	22	09.50	-1.4
BACH	1.15	101 iPd	22	11.40	0.4
PCH	1.21	114 iPc	22	12.30	0.2
CHCH	1.27	129 ePd	22	13.00	-0.1
FCH	1.31	99 iPd	22	14.00	0.0
		iS	22	36.00	
MDZ	2.52	85 eP	22	35.90	4.7X
		iS	23	12.00	
RTCB	3.05	58 ePd	22	40.30	1.5
		S	23	27.00	
RTCV	3.07	66 ePc	22	41.80	2.9X
		S	23	27.80	
RTLL	3.37	59 ePd	22	44.30	1.0
		S	23	31.20	
TCA	6.40	76 ePc	23	24.00	-2.1
		S	24	44.30	
	S.D. = 1.1	on 13 of 15 obs.			

? MAY 06, 1985 11h 53m 50.51±12.31s
32.798 S ±39.2km 72.728 W ±91.7km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH	1.46	97 iPc	54	14.30	-0.7
		iS	54	26.50	
LNV	1.60	137 iPd	54	16.80	0.1
		iS	54	33.70	
TACH	1.73	120 iPd	54	18.40	-0.3
		iS	54	35.00	
PEL	1.75	102 iPc	54	19.50	0.4
		iS	54	36.50	
JACH	1.80	87 iPc	54	20.00	0.1
		iS	54	37.50	
SAN	1.85	111 iPc	54	20.40	-0.1
		iS	54	38.90	
BACH	1.96	107 iPc	54	22.50	0.4
		iS	54	42.40	
PCH	2.03	114 iPc	54	23.30	0.1
		iS	54	44.00	
CHCH	2.07	124 iPd	54	23.70	0.0
		iS	55	15.20	
FCH	2.11	105 iPc	54	24.50	-0.1
		iS	54	46.40	
MDZ	3.27	93 eP	54	32.70	-8.0X
		iS	55	26.40	
	S.D. = 0.4	on 10 of 11 obs.			

MAY 06, 1985 12h 06m 55.95± 0.52s
17.304 N ± 4.7km 145.507 E ± 6.7km
DEPTH = 420.5 ± 5.8 km
4.6mb (16 obs.)
MARIANA ISLANDS (216)

GUMO	3.75	190 eP	08	07.60	0.0
		eS	09	01.40	
PJG	3.75	190 eP	08	07.40	-0.1
GUA	3.79	189 eP	08	08.10	0.2
	0.3s	384.42nm			

MAT	20.22	343 eP	11	01.00	-0.6
	1.0s	10.00nm			4.2mb
		eS	14	20.00	
MDG	22.41	179 eP	11	23.00	0.6
LMG	26.17	174 e(P)	11	55.00	-1.7
KNA	36.76	208 iPd	13	28.10	0.9
CTA	37.17	179 iPd	13	31.10	0.6
	0.8s	11.94nm			4.3mb
WB2	38.60	197 iPc	13	42.70	0.4
		eScP	18	51.80	
		eS	18	52.50	
WRA	38.61	197 Pc	13	42.70	0.4
	0.8s	17.70nm			4.5mb
ASPA	42.27	196 eP	14	12.00	-0.1
RMQ	43.64	176 eP	14	23.00	0.1
CHG	44.20	279 eP	14	28.00	0.5
CHTO	44.20	279 eP	14	28.10	0.7
	0.7s	2.70nm			3.7mb
WBN	46.94	204 iPc	14	49.50	0.9
BAL	55.11	210 eP	15	48.00	-0.8
KLB	55.43	209 eP	15	50.00	-1.0
PKI	56.02	292 iPd	15	55.60	-0.2
	0.4s	17.00nm			4.7mb
KKN	56.13	292 iPd	15	56.40	0.1
	0.6s	16.00nm			4.5mb
DMN	56.29	292 iPd	15	57.70	0.2
	0.4s	23.00nm			4.9mb
MUN	56.48	210 iPd	15	57.80	-0.5
NWAO	56.79	208 eP	16	00.00	-0.5
HYB	63.58	281 eP	16	46.00	-0.1
TCW	64.04	156 P	16	47.70	-0.8
COL	64.62	26 eP	16	51.00	-1.0
	0.5s	8.80nm			4.6mb
GBA	65.42	277 P	16	57.00	-0.8
POO	67.75	283 iPd	17	12.00	-0.2
INK	70.73	23 eP	17	29.00	-0.3
MBC	74.54	14 iPd	17	50.90	-0.2
	0.5s	20.00nm			5.0mb
MHI	76.83	304 eP	18	06.00	1.4
PGC	77.89	43 eP	18	11.00	1.0
YKA	79.30	28 eP	18	17.70	0.5
YKC	79.36	28 ePd	18	17.90	0.4
	0.5s	11.00nm			4.8mb
ALE	79.52	4 ePd	18	18.50	0.4
	0.6s	8.00nm			4.6mb
PNT	80.19	41 iP	18	22.00	-0.2
	0.6s	8.00nm			4.6mb
NEW	82.07	42 eP	18	32.00	0.1
KEV	83.20	342 eP	18	37.00	-0.1
IR2	83.74	305 eP	18	42.00	1.3
SOD	84.60	340 eP	18	43.00	-1.2
EUR	85.55	50 iP	18	51.20	1.5
	0.3s	20.77nm			5.4mb
DAG	85.65	356 iPc	18	48.30	-0.8
	0.7s	18.49nm			5.0mb
LRM	85.87	43 eP	18	51.70	0.6
SUF	87.33	336 eP	18	56.00	-1.4
	0.4s	1.20nm			4.0mb
ALQ	94.27	52 eP	19	30.30	-0.1
	1.0s	4.25nm			4.5mb
KIC	142.35	306 ePKP	25	37.30	-4.6X
	S.D. = 0.8	on 44 of 45 obs.			

MAY 06, 1985 13h 53m 06.49± 1.23s
43.743 N ± 6.6km 127.095 W ±12.2km
DEPTH = 10.0km (geophysicist)
5.0mb (5 obs.) 4.5Msz (1 obs.)
OFF COAST OF OREGON (30)

COR	2.86	72 iPd	53	53.00	0.1
BFW	3.88	44 eP	54	06.80	-0.7
SHW	4.23	53 eP	54	13.40	0.9
LON	4.79	49 eP	54	21.30	0.8
GMW	4.86	37 eP	54	20.50	-0.8
MIN	5.31	128 eP	54	27.70	-0.2
MFW	6.55	68 eP	54	45.00	-0.2
PNT	7.59	40 iP	55	00.00	0.2
	0.3s	15.00nm			5.7mb
JAS1	7.70	137 iP	55	00.70	-0.7
	1.1s	18.20nm			5.2mb
BMN	8.05	111 eP	55	08.00	1.6
NEW	8.28	53 eP	55	09.70	0.2
LRM	10.62	74 eP	55	40.20	-1.7
TMI	11.03	87 eP	55	48.50	0.9
DUG	11.21	104 eP	55	49.00	-0.9
EDM	13.13	39 iPc	56	15.90	0.3
GOL	16.70	97 eP	57	01.00	-1.3

06d 13h

ALQ 18.19 112 eP 57 20.00 -0.8
1.1s 22.47nm 4.2mb
FFC 19.63 47 iPd 57 38.10 0.2
1.8s 188.00nm 5.1mb
YKA 20.15 17 eP 57 43.70 0.4
YKC 20.17 17 eP 57 42.00 -1.5
RSON 23.59 61 eP 58 18.80 0.9
OCO 24.15 100 e(P) 58 20.00 -3.5X
INK 24.84 354 eP 58 30.00 0.2
TUL 25.17 97 eP 58 33.80 0.5
1.4s 32.30nm 4.8mb
Z 22s 1.48um 4.5Msz
N 22s 2.20um
E 23s 1.07um
eS 03 09.00
RLO 25.60 96 eP 58 36.80 -0.6
BHO 26.57 100 e(P) 58 48.80 2.4
S.D. = 1.0 on 25 of 26 obs.

? MAY 06, 1985 16h 21m 31.21± 3.49s
11.927 S ±34.1km 122.284 E ±15.7km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
SOUTH OF TIMOR (293)

KNA 7.35 122 eP 23 20.00 1.0
MTN 8.69 97 eP 23 38.00 0.3
MBL 9.48 194 eP 23 48.00 -0.5
0.3s 7.00nm 5.4mb X
NAU 12.38 211 eP 24 27.00 -1.1
WRA 14.06 126 Pc 24 49.40 -1.0
0.4s 2.90nm 4.3mb
W82 14.07 126 eP 24 49.20 -1.3
eS 27 17.30
WBN 14.71 165 eP 24 59.00 0.2
MEK 15.03 193 eP 25 03.00 0.0
ASPA 16.07 138 eP 25 17.00 0.5
MRWA 18.18 198 eP 25 44.50 1.7
S.D. = 1.1 on 10 of 10 obs.

? MAY 06, 1985 16h 41m 49.08± 2.09s
34.057 N ±25.4km 25.553 E ±19.6km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
CRETE (370)

ELL 4.46 52 ePn 42 55.70 -0.5
VAY 7.63 343 eP 43 45.00 4.4X
OHR 7.99 333 eP 44 04.00 18.2X
JER 8.42 103 eP 43 50.00 -1.8
eS 45 21.00
HRI 8.53 92 eP 43 55.00 1.6
SKO 8.54 339 eP 43 52.20 -1.2
PRNI 8.82 112 eP 44 01.50 4.3X
KHC 17.49 333 P 45 53.10 1.2
IR2 20.85 78 eP 46 32.00 1.4
DMN 50.93 80 eP 50 49.70 0.0
KKN 51.00 80 eP 50 49.90 -0.3
0.6s 9.00nm 4.9mb
PKI 51.19 80 eP 50 51.40 -0.4
0.7s 4.00nm 4.5mb
S.D. = 1.4 on 9 of 12 obs.

MAY 06, 1985 17h 10m 02.93± 0.36s
37.498 S ± 4.1km 179.452 E ± 2.7km
DEPTH = 29.5 ± 2.4 km
5.8mb (32 obs.) 6.1Msz (12 obs.)
OFF E. COAST OF N. ISLAND, N.Z. (160)
Ms 6.2 (BRK). Felt at Gisborne and Wellington.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=257 Dip=75 Slip=-140
NP2: 155 52 -19
Principal Axes:
T Plg=15 Azm= 21
P 38 123
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a large normal component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 16 No. of sta: 10
Moment Tensor; Scale 10**25 d-cm
Mrr=-1.25 Mtt= 1.21
Mff= 0.04 Mrt= 0.55
Mrf= 1.29 Mtf= 0.82
Principal axes:
T Val= 2.02 Plg=20 Azm=325
N 0.02 23 226
P -2.04 59 91
Best Double Couple:Mo=2.0*10**25
NP1:Strike= 89 Dip=32 Slip= -42
NP2: 216 69 -115
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 29C
Centroid Location:
Origin Time 17:10: 8.1 0.2
Lat 37.55S 0.02 Lon 179.84E 0.04
Dep 10.0 FIX Half-duration 4.7
Moment Tensor; Scale 10**25 D-CM
Mrr=-1.76 0.04 Mtt= 0.50 0.07
Mff= 1.27 0.06 Mrt= 1.26 0.16
Mrf= 0.30 0.18 Mtf= 1.42 0.05
Principal Axes:
T Val= 2.60 Plg=14 Azm=311
N -0.24 23 47
P -2.35 63 193
Best Double Couple:Mo=2.5*10**25
NP1:Strike= 13 Dip=37 Slip=-130
NP2: 240 62 -64

WIZ 1.80 268 P 10 35.10 2.7
KRP 3.13 261 P 10 53.60 2.2
MNG 4.39 224 iP 11 06.90 -2.4
ONE 4.44 291 iP 11 13.50 3.5X
(S) 12 20.00
WEL 5.24 222 iPc 11 17.90 -3.4X
S 12 17.00
SNZO 5.29 223 iPc 11 17.20 -4.8X
CRZ 6.29 297 P 11 38.00 2.0
KAI 7.96 228 P 12 01.00 1.6
S 13 21.00
MSZ 11.27 227 P 12 39.00 -5.9X
S 14 40.00
NOU 18.84 320 iPc 14 24.50 1.6
SVA 19.33 357 eP 14 24.20 -4.6X
VUN 19.44 357 eP 14 27.50 -2.5
NDF 19.74 354 eP 14 32.60 -0.8
KRO 20.11 360 eP 14 33.70 -3.5X
MBU 20.46 358 eP 14 37.70 -3.1X
KOU 21.41 318 iPc 14 52.20 1.7
PVC 21.98 331 iPc 15 03.50 7.2X
RIV 23.24 271 iPd 15 12.10 3.6X
e 22 40.00
COO 23.81 279 iPc 15 18.60 4.5X
e 18 59.00
RAR 24.23 54 P 15 19.00 0.8
S 19 44.00
WAM 24.45 264 eP 15 20.90 0.6
i 19 00.20
CAN 24.56 266 iPd 15 24.10 2.7
i 19 00.20
AFI 24.76 21 P 15 23.00 -0.4
eS 19 48.00
YOU 25.32 268 eP 15 30.40 1.8
i 19 01.30
TOO 26.85 259 eP 15 44.00 1.2
e 16 02.00
e 19 04.00
RMQ 28.14 284 iPd 15 56.30 1.8
CMS 28.26 272 eP 15 56.00 0.5
BFD 29.23 259 eP 16 05.00 0.8
STK 31.48 269 eP 16 25.00 0.8
e 19 17.00
ADE 32.78 262 iPc 16 37.80 2.2
0.5s 71.83nm 5.8mb
HNR 33.03 323 iPc 16 37.00 -0.8
eS 21 33.00
VSG 33.30 323 eP 16 39.00 -1.2
SVO 33.34 323 eP 16 40.00 -0.5
AFR 33.53 62 iP 16 41.90 -0.3
0.9s 215.00nm 6.1mb
PAE 33.59 62 iP 16 42.90 0.2
0.9s 165.00nm 6.0mb
CTA 33.64 292 iPd+ 16 44.10 0.9
2.0s 997.06nm 6.4mb
iS 22 02.00
PPT 33.66 62 iP 16 43.00 -0.3
0.9s 240.00nm 6.1mb
TVO 33.74 63 iP 16 43.80 -0.3
0.9s 135.00nm 5.9mb

PPN 33.78 62 iP 16 44.10 -0.3
PMO 36.58 61 iP 17 07.70 -0.5
0.9s 45.00nm 5.4mb
VAH 36.60 62 iP 17 07.80 -0.6
0.9s 35.00nm 5.2mb
TPT 36.78 61 iP 17 09.60 -0.3
0.9s 50.00nm 5.4mb
RUV 36.81 62 iP 17 09.80 -0.3
0.9s 55.00nm 5.4mb
DRV 36.81 205 eP 17 10.20 0.6
PAA 37.95 319 eP 17 20.00 0.2
eS 17 32.00
BGA 38.24 319 eP 17 22.00 -0.3
ISO 38.34 285 iPd 17 23.90 0.9
LMG 40.12 307 eP 17 39.00 1.1
PMG 40.38 306 eP+ 17 41.00 1.1
SBA 40.82 184 iPd 17 44.90 2.0
1.3s 236.54nm 5.8mb
ASPA 41.18 276 iPd 17 46.70 0.2
e 19 45.00
eS 23 48.00
RA8 41.49 316 eP 17 49.50 0.4
iS 24 04.00
WB2 42.80 281 iPd 17 59.80 0.0
eS 24 22.00
WRA 42.81 281 Pc 18 00.40 0.5
0.9s 236.60nm 5.9mb
MDG 44.42 308 eP 18 13.00 0.1
WBN 45.80 268 iPd 18 23.50 -0.4
MOM 45.96 312 eP 18 25.00 -0.1
KLG 47.82 260 iPd 18 39.60 -0.2
0.4s 105.00nm 6.2mb
MTN 49.48 287 eP 18 51.00 -1.7
KNA 49.55 282 iPd 18 53.10 -0.1
RKG 49.95 254 eP 18 54.00 -2.1
NWAO 50.23 255 eP 18 57.00 -1.3
KLB 50.37 257 eP 18 58.00 -1.3
MUN 51.41 256 eP 19 06.00 -1.2
0.4s 31.00nm 5.6mb
BAL 51.60 258 iPc 19 08.20 -0.5
MEK 51.95 263 iPc 19 10.40 -1.1
0.4s 32.00nm 5.6mb
SPA 52.69 180 iPd 19 17.40 0.7
1.4s 606.86nm 6.4mb
Z 18s 13.61um 6.0Msz
MRWA 52.77 259 eP 19 17.00 -0.5
MBL 53.63 270 iPd 19 22.60 -1.4
0.5s 51.00nm 5.8mb
NAU 56.36 266 eP 19 43.00 -0.8
KUG 56.93 283 eP 19 50.00 2.1
AAI 57.63 293 ePc 19 50.00 -2.8
1.0s 4.90nm 4.5mb X
GUA 60.25 321 eP 20 09.50 -1.4
HON 62.24 24 P 20 25.00 0.8
OPA 62.58 24 P 20 26.00 -0.5
MKS 63.19 285 iPd 20 30.00 -0.8
DNP 64.37 279 ePc 20 39.20 0.7
e 29 18.80
MAW 64.95 202 iPd 20 42.10 0.6
AIA 66.32 156 e(P) 20 50.00 -0.4
DAV 66.98 299 ePd- 20 54.00 -1.3
1.3s 2000.00nm 7.1mb X
eS 29 47.00
TRT 66.98 278 iPc 20 55.90 0.6
0.7s 61.10nm 5.8mb
SJI 67.65 278 eP 20 58.40 -1.1
CGP 68.56 300 eP 21 04.50 -0.6
SYO 69.76 194 iP 21 11.20 -0.5
MAP 70.38 301 iPd 21 16.00 -0.3
iS 21 28.00
SNA 72.49 179 iPd 21 23.00 -5.1X
1.4s 446.51nm 6.3mb
KKM 72.98 292 ePc 21 31.00 -0.9
MAN 75.45 302 eP 21 46.40 0.3
eS 22 08.50
BAG 77.03 303 eP- 21 52.00 -3.2X
eS 31 40.00
PIP 78.37 304 ePc 22 02.50 0.2
KGM 80.25 280 ePd 22 11.30 -1.3
PPI 81.04 276 ePc 22 15.30 -1.5
1.5s 90.00nm 5.6mb
ANP 82.76 309 eP 22 26.00 0.5
MAT 82.98 328 iPd 22 25.20 -1.1
1.2s 54.69nm 5.5mb
Z 20s 2.84um 5.6Msz
eS 32 38.00
LNV 83.09 128 iP 22 27.00 -0.2

TACH	83.59	128	ePc	22	29.50	-0.3
IPM	83.63	281	ePd	22	29.10	-1.1
	1.3s	53.40nm			5.5mb	
			e	23	29.70	
SHK	83.82	323	ePd	22	30.40	-0.3
PCH	83.88	128	ePc	22	31.00	-0.3
SAN	83.89	128	iPd	22	31.20	-0.1
ROCH	83.99	127	ePd	22	32.00	-0.1
BACH	84.07	128	iPd	22	32.30	0.0
PEL	84.08	128	iPd	22	32.60	0.3
PSI	84.12	278	ePd	22	31.40	-1.2
	1.1s	110.20nm			6.0mb	
FCH	84.21	128	eP	22	33.50	0.2
JACH	84.44	127	iPc	22	33.70	-0.5
TSI	84.90	278	ePd	22	37.90	1.4
MDZ	85.41	128	eP	22	37.30	-1.7
HKC	85.45	302	ePd	22	40.00	0.9
			ePP	26	06.00	
			eS	33	07.00	
SNG	85.55	282	eP	22	40.00	0.3
SSE	87.29	313	Pc-	22	47.50	-0.4
	8.0s	0.99nm			3.1mb	X
Z	40s	11.00um			6.0MszX	
			pP	23	34.50	190kmX
			PP	25	19.00	
			SKS	33	01.00	
			S	33	13.00	
			sS	34	32.00	
			SS	39	12.00	
ADK	89.07	2	P	22	55.00	-0.9
	1.0s	150.00nm			6.3mb	
TCA	89.09	130	ePc	22	57.90	1.0
NNT	89.58	286	eP	23	00.00	0.8
GIE	89.76	91	PKP	23	02.00	1.9
			eSKS	34	00.00	
SMY	89.98	357	P	23	00.00	-0.1
	1.2s	303.03nm			6.4mb	
CYA	90.35	127	iPd	23	03.00	0.2
LPA	90.40	136	iP-	23	03.20	0.4
Z	20s	3.55um			5.8Msz	
			iSKS	33	43.20	
ANT	90.49	121	eP	23	04.00	0.6
BLP	90.89	46	P	23	07.00	2.2
LOE	91.07	291	eP	23	05.00	-1.0
			e	26	40.00	
NST	91.19	289	iPd	23	06.50	0.0
SLBC	91.61	49	eP	23	09.70	1.6
KHT	91.80	287	eP	23	10.00	0.6
PRI	91.88	44	eP	23	11.60	2.1
MHC	92.22	43	eP	23	12.30	1.2
CLD	92.25	44	P	23	13.00	1.9
ARN	92.28	43	P	23	12.00	0.8
BKS	92.29	42	eP	23	12.30	1.1
	1.5s	67.00nm			5.8mb	
Z	20s	10.00um			6.3Msz	
N	20s	6.00um				
E	20s	4.50um				
			ePP	27	22.00	
			e	34	20.40	
			eS	36	08.00	
			LR	51	00.00	
SDW	92.85	48	P	23	15.00	1.0
WKTM	92.89	46	P	23	15.00	0.9
FRI	93.03	44	eP	23	15.50	0.9
SLA	93.10	124	ePc	23	16.00	0.3
GLA	93.12	50	P	23	17.00	1.8
JAS1	93.31	43	eP	23	16.50	0.6
			e	27	17.00	
GAS	93.35	41	P	23	17.00	0.8
VPEM	93.36	46	P	23	17.00	0.6
ORV	93.91	42	eP	23	19.00	0.4
CHG	94.02	291	iPd	23	20.00	0.4
	1.1s	29.75nm			5.6mb	
			eS	33	54.00	
WDC	94.12	40	eP	23	20.20	0.7
ARE	94.50	115	eP	23	24.00	1.7
WCN	94.67	43	P	23	22.50	0.2
TPM	94.85	70	iPd	23	25.50	1.9
YJA	94.86	123	ePd	23	25.20	1.1
MNA	94.92	44	eP	23	24.00	0.5
KMI	95.18	298	ePKP	23	26.00	0.9
N	20s	3.20um				
			PP	27	08.00	
			SKKS	33	59.00	
VHO	95.54	73	iPd	23	29.00	2.2
BJI	96.54	316	eP	23	30.00	-0.6
			eS	34	03.00	
			esS	34	52.00	
COR	96.69	37	eP	23	24.00	-7.2X
BMN	96.84	43	P	23	32.00	-0.2
	1.0s	12.50nm			5.4mb	
EUR	96.87	45	iP	23	33.00	0.5
	1.0s	7.31nm			5.2mb	
LPB	96.89	117	Pd	23	34.00	0.6
	1.6s	166.67nm			6.3mb	
			LR	55	10.00	
CCH	97.69	119	Pc	23	38.50	1.6
LTX	97.92	59	eP	23	37.30	0.1
	1.5s	18.86nm			5.4mb	
ALQ	99.58	53	eP	23	44.00	-0.8
Z	18s	5.84um			6.1Msz	
PSO	101.21	97	ePdiff	23	54.00	1.1
JCT	101.27	60	ePdiff	23	52.00	-0.4
Z	20s	6.38um			6.1Msz	
PNT	101.86	36	ePdiff	23	57.00	2.5X
BDW	102.67	46	Pdiff	23	59.00	0.4
	1.0s	5.50nm			5.2mb	
LRM	103.05	42	ePdiff	24	01.00	0.8
COL	105.24	14	ePdiff	24	10.00	0.8
Z	20s	4.26um			6.0Msz	
			e	36	19.00	
IMA	105.31	11	e(PKP)	28	22.90	-0.5
BOG	105.87	96	ePdiff	24	14.00	0.4
			ePP	28	39.00	
SES	106.71	39	ePKP	28	34.00	7.6X
BHO	106.93	60	e(PKP)	28	35.00	7.8X
TUL	107.15	58	e(PKP)	28	21.40	-6.2X
	0.8s	6.20nm				
Z	19s	2.89um			5.9Msz	
EDM	107.40	36	ePKP	28	44.00	16.4X
GBA	107.62	274	PKP	28	25.00	-4.0X
RDJ	107.74	139	ePdiff	24	20.00	-1.2
RLO	107.81	58	e(PKP)	28	24.80	-4.1X
HYB	108.90	278	ePdiff	24	28.00	1.4
HYB	108.90	278	ePKP	28	34.00	2.5X
PKI	109.20	290	iPKP	28	31.60	-0.6
	0.9s	11.00nm				
KKN	109.41	290	iPKP	28	32.00	-0.5
	0.9s	16.00nm				
DMN	109.45	290	iPKP	28	32.10	-0.5
	1.3s	62.00nm				
INK	111.16	17	ePKP	28	34.00	-0.2
SLR	111.51	208	ePKP	28	20.00	-16.4X
Z	20s	5.32um			6.1Msz	
			i	29	15.00	
YKA	112.72	27	ePdiff	25	03.00	20.5X
YKA	112.72	27	ePKP	28	37.80	0.5
YKC	112.76	27	ePdiff	25	02.00	19.3X
YKC	112.76	27	ePKP	28	37.00	-0.4
	0.6s	7.00nm				
FFC	113.72	38	ePKP	28	39.00	-0.5
	1.3s	15.00nm				
NDI	115.95	287	ePKP	28	43.00	-1.6
			eS	38	34.00	
BUL	116.43	211	iPKPc	28	45.70	-0.2
	1.0s	10.00nm				
			i	29	49.70	
LHC	117.64	49	ePKP	28	46.00	-1.2
WIN	117.99	199	iPKPc	28	43.00	-5.9X
	0.8s	14.93nm				
Z	20s	6.74um			6.3Msz	
MTD	118.12	215	ePKP	28	48.00	-1.2
KRI	118.96	213	ePKP	28	49.00	-1.8
MBC	119.79	14	iPKPd	28	49.40	-1.1
	0.8s	61.00nm				
SJG	119.98	89	ePKP	28	51.00	-1.6
	0.8s	13.43nm				
Z	18s	4.12um			6.1Msz	
SOB1	120.14	132	ePKP	28	50.20	-2.8X
	0.8s	8.80nm				
			e	29	03.30	
LSZ	120.96	213	iPKP	28	56.70	2.1X
			i	29	06.40	
			i	30	13.70	
			i	30	25.50	
ITR	121.93	134	ePKP	28	56.10	-0.3
	1.5s	16.40nm				
			e	29	09.00	
QUE	124.53	284	iPKPc	29	01.50	0.3
			e(S)	35	59.00	
OTT	125.00	56	ePKP	29	00.00	-1.4
MNT	126.42	57	iPKPc	29	03.30	-0.9
NAI	128.22	231	iPKPc	29	09.00	0.2
	1.2s	78.13nm				
FRB	132.49	34	ePKP	29	13.00	-2.1X
MHI	132.70	288	ePKP	29	16.00	-0.6
			e	31	40.00	
			eS	41	32.00	
SCH	132.83	46	ePKP	29	14.00	-2.1X
SHI	135.58	276	ePKP	29	21.00	-1.3
GDH	137.48	25	ePKP	29	23.00	-1.4
	1.0s	20.00nm				
			i	32	10.00	
			i	33	05.00	
KBS	138.15	356	ePKP	29	18.00	-7.5X
DAG	139.80	6	ePKP	29	19.00	-9.5X
KER	141.60	280	ePKP	29	29.00	-4.2X
TAB	143.26	286	ePKP	29	32.00	-4.0X
KEV	144.46	344	iPKP	29	35.30	-1.5
	0.9s	81.10nm				
			i	29	41.00	
			e	32	16.00	
			eSKS	39	40.00	
			ePPS	45	12.00	
			esSS	51	40.00	
MSL	145.29	282	iPKPc	29	39.00	-0.3
			iPP	30	04.00	
			eS	33	13.00	
TRO	146.13	348	ePKP	29	39.00	-0.6
SOD	146.38	341	iPKP	29	39.60	-0.5
RT8	146.56	275	iPKPc	29	41.50	0.1
			i	29	54.00	
			i	30	00.00	
			ePcP	32	52.50	
			eS	33	48.00	
			eSS	34	34.00	
KJF	148.39	337	iPKP	29	43.00	-0.4
	0.6s	172.10nm				
			i	29	47.00	
			eSKS	40	00.00	
			ePPS	43	32.00	
			esSS	52	24.00	
KIC	148.77	172	i(PKP)	29	44.90	-0.7
PRNI	149.78	267	ePKP	29	55.00	8.3X
SUF	149.93	336	iPKP	29	44.60	-1.2
	1.0s	33.60nm				
AKU	149.96	14	iPKPc	29	47.30	1.5
	1.1s	237.97nm				
			i	29	52.20	
JER	150.16	270	iPKPd	29	51.50	4.2X
HRI	150.23	273	ePKP	29	51.00	3.6X
REY	150.41	19	iPKP	29	47.30	0.8
			i	29	53.20	
BHL	150.50	274	PKPd	29	47.00	-0.7
NUR	151.99	333	iPKP	29	48.50	-0.4
	0.5s	322.80nm				
			i	29	55.10	
HLW	152.48	263	iPKPd	29	50.00	-0.6
			eS	33	48.00	
CSS	152.64	275	ePKP	29	59.00	8.3X
MBO	152.75	143	iPKPd	29	53.80	2.5X
UPP	154.78	338	iPKP	29	51.60	-1.2
			i	30	16.20	
NB2	155.30	346	PKP	29	52.40	-1.2
	1.4s	103.90nm				
HFS	155.59	343	ePKP	29	52.50	-1.4
	1.5s	49.10nm				
Z	21s	2.78um			6.1Msz	
			LR	29	19.00	
BER	156.79	353	ePKP	30	03.50	8.0X
KONO	156.89	347	ePKP	29	55.50	-0.2
VRI	158.06	301	ePKP	30	00.00	2.5X
CVO	158.45	301	ePKP	30	00.00	2.0
MLR	158.68	300	ePKPd	29	57.00	-1.4
BUC	158.78	297	ePKP	30	00.00	1.7
CMP	159.35	300	ePKPc	29	59.00	0.0
DIM	159.44	291	iPKP	30	02.00	2.9X
KDZ	159.64	290	iPKP	29	59.00	-0.4
COP	159.80	338	ePKP-	29	58.00	-1.1
			iS	40	12.00	
KRA	160.68	317	iPKPc	30	00.00	-0.2
	1.5s	111.00nm				
			e	30	03.70	
			e	30	43.20	
ATH	160.81	279	iPKPd	30	00.00	-0.7
MMB	160.86	290	ePKP	29	59.00	-1.7
CLO	160.93	301	ePKPd	30	00.00	-0.6
SPC	160.96	314	ePKP	30	00.30	-0.5
			e	34	25.00	
VAY	161.75	289	iPKP	30	01.40	-0.1
			i	30	55.40	

06d 17h

KSP	162.06	323	ePKP	30	01.30	-0.3	
	1.3s	133.00nm					
			ic	30	48.90		
BRN	162.24	331	ePKP	30	02.00	0.4	
HAM	162.46	339	iPKPc	29	54.20	-7.6X	
SKO	162.52	292	iPKP	30	00.30	-2.0	
			i	34	36.00		
			eS	41	20.00		
			iSS	48	08.00		
OHR	163.09	289	ePKP	30	01.40	-1.6	
			e	30	51.00		
CLL	163.18	329	iPKP	30	01.70	-0.9	
ZST	163.25	315	ePKP	30	03.00	0.2	
			e	30	54.00		
PRU	163.46	324	ePKP	30	02.00	-1.0	
	Z 18s	2.20um					
	N 18s	1.40um					
	E 18s	2.10um					
			e	34	44.00		
VKA	163.65	316	iPKPd	30	02.30	-1.0	
	4.5s	1007.00nm					
	Z 16s	2.40um					
			i	30	56.30		
WIT	163.88	344	ePKP	30	04.00	0.7	
			e	30	57.10		
			ePP	34	42.00		
			e	34	54.50		
MOX	164.24	330	iPKP	30	03.50	-0.3	
	2.6s	160.00nm					
	Z 18s	3.40um					
	N 18s	1.90um					
	E 18s	1.80um					
			i	30	58.00		
			ePP	34	52.00		
			eSKS	37	15.00		
			e	40	00.00		
			eSKKS	41	30.00		
			eSKSP	45	00.00		
			eSS	55	00.00		
ETA	164.29	13	ePKP	29	59.20	-4.5X	
	1.3s	85.00nm					
ECB	164.50	14	ePKP	30	00.20	-3.7X	
	1.1s	85.00nm					
KHC	164.51	323	iPKPd	30	03.00	-1.1	
	1.2s	32.00nm					
	N 18s	0.80um					
			e	34	37.50		
			e	38	49.00		
WTS	164.60	343	ePKP	30	04.00	0.0	
			e	30	59.00		
			ePP	34	49.00		
ECP	164.76	14	ePKP	29	59.70	-4.4X	
	1.4s	150.00nm					
DBN	164.85	346	ePKP	30	04.00	-0.2	
	Z 20s	2.30um					
			ePP	34	46.00		
			eSKKP	41	40.00		
			eSKSP	45	10.00		
			eSS	55	26.00		
KMR	164.94	319	iPKP-	30	03.20	-1.2	
			e	37	26.00		
GRF	165.15	329	iPKPd	30	03.60	-1.0	
			ic	31	02.90		
BHG	165.80	320	ePKP	30	04.10	-1.1	
BRT	165.82	289	ePKP	30	02.50	-2.8X	
LJU	165.89	312	ePKP	30	04.80	-0.5	
	1.8s	630.00nm					
			e(pP)	31	05.40		
			e(S)	41	36.00		
			e	42	04.00		
ENN	165.95	343	ePKP	30	05.00	-0.1	
			i	31	05.20		
			e	34	27.50		
			e	34	42.00		
			ePP	34	49.00		
KBA	165.97	317	e(PKP)	30	03.00	-2.5X	
	1.2s	38.50nm					
			i	30	10.80		
			i	31	07.20		
			i	31	19.60		
			i	31	25.80		
MEM	166.08	342	PKPc	30	05.00	-0.2	
			e	31	05.20		
			PP	34	57.00		
UCC	166.25	347	PKPc	30	06.40	1.0	
			e	31	06.50		
			PP	34	58.00		

FUR	166.27	325	iPKPc	30	05.10	-0.4	
	1.2s	52.00nm					
VOY	166.27	313	ePKPd	30	04.50	-1.2	
TRI	166.52	312	iPKPd	30	06.00	0.2	
			i	31	09.00		
			iPP	34	44.00		
			iSKKS	41	40.00		
			iSKSP	45	32.00		
			iSPP	48	24.00		
			eSS	56	12.00		
			e	57	32.00		
			eSSS	01	40.00		
DOU	166.87	345	PKP+	30	08.00	2.1X	
	Z 20s	3.60um					
			e	31	09.60		
			SKKS	41	50.00		
			SS	55	45.00		
BUH	167.13	333	ePKP	30	05.60	-0.6	
OGA	167.31	321	ePKP	30	05.50	-1.1	
CTI	167.53	317	ePKP	30	03.80	-2.9X	
CDF	167.69	335	iPKPc	30	06.40	-0.3	
DUI	167.70	294	ePKP	30	04.00	-2.7X	
SLE	167.78	330	ePKP+	30	05.60	-1.1	
SAX	167.83	326	ePKP+	30	06.40	-0.7	
OSS	167.87	323	ePKP+	30	06.50	-0.5	
ZUL	168.05	329	ePKP+	30	06.20	-0.7	
AQU	168.25	299	ePKP	30	06.50	-0.7	
LLS	168.27	326	ePKP+	30	06.80	-0.5	
HAU	168.35	336	iPKPc	30	07.20	0.2	
BSF	168.35	335	iPKPc	30	07.10	-0.1	
MNS	168.74	300	ePKP	30	06.50	-0.9	
FLN	168.74	360	iPKPc	30	06.50	-0.7	
LDF	168.91	359	ePKP	30	06.60	-0.7	
GRR	169.11	1	ePKP	30	07.00	-0.4	
MMK	169.36	326	ePKP+	30	08.10	0.1	
LPF	169.47	2	ePKP	30	07.40	-0.2	
DIX	169.57	328	ePKP+	30	08.60	0.4	
ORO	169.67	325	ePKP	30	07.30	-0.7	
LOR	169.71	343	iPKPc	30	08.10	0.2	
EMS	169.78	329	ePKP+	30	08.40	0.2	
GRC	169.85	346	iPKPd	30	08.00	0.1	
LBF	169.95	342	iPKPc	30	08.20	0.1	
SSF	169.98	344	iPKPc	30	08.30	0.3	
AVF	170.27	344	iPKPc	30	08.30	0.1	
SMF	170.30	342	iPKPc	30	08.30	0.1	
BGF	170.60	346	iPKPc	30	08.70	0.3	
MFF	170.90	358	iPKPc	30	08.20	-0.3	
TCF	170.98	348	iPKPc	30	08.90	0.3	
MZF	170.98	346	ePKP	30	08.70	0.1	
LSF	171.12	351	iPKPc	30	09.10	0.5	
CVF	171.18	308	ePKP	30	09.40	0.6	
FRF	171.84	320	ePKP	30	09.70	0.7	
RJF	172.05	349	iPKPc	30	09.90	0.9	
LRG	172.06	321	ePKP	30	10.20	1.2	
LMR	172.07	319	ePKP	30	09.90	0.9	
CAF	172.32	346	iPKPc	30	10.30	1.1	
LFF	172.51	353	iPKPc	30	10.40	1.2	
LPO	172.70	350	iPKPc	30	10.80	1.5	
PTO	172.78	57	iPKP	30	06.00	-3.4X	
EPF	174.43	353	iPKPc	30	11.50	1.4	
LGR	174.82	16	ePKP	30	12.00	1.9	
			iPKKP	31	49.00		
TOL	176.37	48	iPKP	30	11.00	0.4	
			iPKKP	31	50.00		
			ePKS	33	26.00		
			iPP	35	48.00		
			eSKKS	42	30.00		
			iSS	57	24.00		
EBR	176.58	347	ePKP	30	12.00	1.5	
			e	35	48.00		
			e	36	18.00		
ALI	179.14	357	iPKP+	30	12.00	1.1	
			iPP	36	02.00		
	S.D. = 1.0	on 269 of 320 obs.					
	MAY 06, 1985 18h 20m 21.89± 0.67s						
	39.233 N ± 5.7km 22.942 E ± 7.0km						
	DEPTH = 10.0km (geophysicist)						
	GREECE						(364)
	ML 3.0 (ATH).						
PAIG	0.90	39	ePgc	20	39.90	0.8	
			eSg	20	52.40		
LIT	0.93	338	iPgc	20	38.60	-1.1	
			eSg	20	52.70		
OUR	1.36	36	ePb	20	47.00	0.2	
			eSb	21	05.40		

THE	1.40	1	ePb	20	46.10	-1.3	
ATH	1.40	154	ePb	20	47.00	-0.4	
			eSb	21	06.00		
KZN	1.40	320	ePb	20	47.50	0.0	
			eSb	21	07.00		
SOH	1.62	11	ePbd	20	51.00	0.4	
			eSb	21	11.80		
GRG	1.77	347	ePb	20	53.60	0.8	
			eSb	21	17.10		
KNT	1.93	359	ePbc	20	55.00	0.0	
			eSb	21	19.10		
SRS	1.95	15	ePn	20	55.10	-0.2	
VAY	2.10	352	iPn	20	57.00	-0.6	
VLS	2.12	241	ePn	20	58.00	0.1	
OHR	2.49	319	ePn	21	04.50	1.3	
SKO	2.97	338	e(Pg)	21	28.50	18.7X	
	S.D. = 0.8	on 13 of 14 obs.					
	MAY 06, 1985 18h 38m 22.83± 0.46s						
	42.288 N ± 4.5km 19.454 E ± 3.8km						
	DEPTH = 10.0 ± 3.7 km						
	3.2mb (1 obs.)						
	YUGOSLAVIA						(383)
	ML 4.2 (TRI), 3.7 (TTG), 3.6 (ULC). Felt (IV) at Titograd.						
TTG	0.20	315	iPgc	38	29.10	1.9	
			iSg	38	34.10		
ULC	0.36	205	iPgd	38	31.00	0.8	
			iSg	38	37.50		
BDV	0.46	270	iPgd	38	33.50	1.2	
			iSg	38	42.00		
PVY	0.49	51	ePg	38	32.50	-0.3	
			eSg	38	40.00		
IVA	0.67	29	iPgd	38	35.90	-0.3	
			iSg	38	46.00		
HCY	0.73	283	iPgc	38	38.80	1.7	
			iSg	38	50.00		
BRY	0.91	313	ePg	38	40.00	-0.3	
			eSg	38	54.00		
PLE	1.04	358	iPgd	38	42.80	0.2	
			eSg	38	58.50		
SKO	1.51	101	iPg	38	50.00	0.1	
			iSg	39	08.80		
			i	39	10.00		
OHR	1.55	139	iPn	38	52.00	1.5	
BRT	2.20	231	ePn	38	59.70	-0.2	
			eSn	39	42.00		
LCI	2.26	211	ePn	38	58.50	-2.2	
			eSn	39	33.50		
VAY	2.52	111	iPn	39	04.40	-0.1	
ORI	3.18	226	ePn	39	12.00	-1.9	
MMB	3.26	101	iPd	39	16.00	0.9	
CLO	3.69	40	iPc	39	20.00	-1.2	
DUI	3.78	262	ePn	39	23.50	1.2	
PVL	4.30	77	eP	39	37.00	7.2X	
KDZ	4.44	96	iP	40	22.00	50.2X	
AQU	4.49	273	ePn	39	32.50	0.0	
			e(Sn)	40	26.00		
MNS	5.02	273	ePn	39	39.60	-0.4	
			eSn	40	35.50		
LJU	5.16	318	iPn	39	40.40	-1.5	
			iSn	40	38.50		
TRI	5.34	312	iPnd	39	43.50	-1.0	
			iSn	40	42.10		
			iSg	41	13.00		
			i	41	16.00		
VOY	5.48	315	ePn	39	46.30	-0.2	
			eSn	40	49.30		
MLR	5.68	53	ePd	39	50.00	0.6	
KBA	6.47	320	i(Pn)	40	01.00	0.4	
			i	40	19.70		
			i	41	27.80		
			i	41	43.80		
CTI	6.75	306	ePn	40	02.50	-2.0	
			eSn	41	14.00		
KHC	7.98	331	Pd	40	22.70	1.1	
NB2	19.43	348	P	42	48.40	-3.7X	
	0.7s	1.10nm				3.2mb	
	S.D. = 1.2	on 26 of 29 obs.					
•	MAY 06, 1985 19h 26m 51.84± 0.79s						
	31.246 S ±11.0km 67.839 W ± 9.5km						
	DEPTH = 10.0km (geophysicist)						
	SAN JUAN PROVINCE, ARGENTINA						(137)
CFA	0.50	223	iPd	26	58.50	-3.4X	

		S	27 04.80		
RTLL	0.55	261 iPd	27 01.50	-1.4	
ZON	0.78	247 eP	27 05.00	-2.0	
		eS	27 16.00		
RTCV	0.86	224 iPd	27 05.00	-3.4X	
RTCB	0.86	253 ePc	27 06.70	-1.7	
		S	27 19.00		
MDZ	1.84	207 eP	27 24.30	0.4	
		I	27 39.00		
		IS	27 47.50		
JACH	2.74	238 iPd	27 38.60	1.8X	
TCA	2.78	93 ePc	27 34.40	-2.9	
		S	28 07.80		
FCH	2.94	224 eP	27 41.00	1.3	
		I(S)	28 21.00		
PEL	3.07	231 iPc	27 42.30	1.0	
BACH	3.08	226 iPc	27 42.70	1.3	
ROCH	3.19	237 iP	27 44.00	0.7	
PCH	3.27	223 iP	27 45.00	0.7	
CYA	3.31	33 e(P)	27 45.50	0.7	
		S	28 26.00		
TACH	3.55	227 eP	27 48.20	0.0	
CHCH	3.58	221 iP	27 49.50	0.9	
LNV	4.05	227 eP	27 54.50	-0.6	
SLA	6.82	18 ePc	28 36.00	1.5	

S.D. = 1.5 on 15 of 18 obs.

? MAY 06, 1985 19h 42m 10.67±12.56s
33.343 S ±18.5km 72.622 W ±101.km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.18	121 iPc	42 31.10	0.2	
ROCH	1.40	75 iP	42 39.00	4.7X	
TACH	1.44	103 eP	42 34.00	-0.7	
PEL	1.64	84 iPc	42 37.80	0.2	
CHCH	1.75	110 iPd	42 39.20	0.0	
BACH	1.78	91 iPc	42 40.20	0.5	
PCH	1.78	100 iP	42 39.70	-0.1	
JACH	1.83	69 iPd	42 40.20	-0.2	
FCH	1.95	90 eP	42 42.50	0.1	
MDZ	3.20	83 iP	43 09.70	9.8X	

S.D. = 0.4 on 8 of 10 obs.

• MAY 06, 1985 20h 08m 16.84± 0.53s
7.395 N ±12.1km 80.913 W ±11.2km
DEPTH = 10.0km (geophysicist)
4.9mb (4 obs.)
PANAMA (81)

PSO	7.12	150 eP	10 03.00	-1.1	
BOG	7.35	112 eP	10 09.50	2.4	
BMG	7.78	92 iP	10 12.00	-1.0	
VHO	18.27	304 iP	12 32.00	-0.5	
TPM	21.07	305 iPd	13 09.50	5.6X	
ARE	25.47	159 eP	13 54.00	6.8X	
CCH	28.62	149 Pc	14 17.10	1.0	
ALQ	36.09	323 eP	15 21.20	0.1	
	1.0s	5.00nm	4.3mb		
SOB1	43.15	112 eP	16 18.80	-0.9	
	0.7s	12.60nm	4.8mb		
		e	16 23.00		
BMN	46.16	321 eP	16 45.00	1.4	
	0.9s	13.09nm	4.9mb		
LRM	46.96	330 eP	16 51.40	1.4	
SCH	48.63	11 eP	17 03.00	0.3	
YKC	60.19	343 eP	18 26.00	-1.0	
	0.9s	11.00nm	5.0mb		
YKA	60.24	343 eP	18 26.90	-0.5	
INK	69.95	342 iPd	19 30.50	0.5	
MBC	71.94	351 eP	19 41.00	-0.9	
KIC	75.54	85 eP	20 03.50	-0.5	
WB2	143.63	246 ePKP	27 53.20	-1.4	
WRA	143.64	246 PKPd	27 55.90	1.3	
	1.0s	6.30nm			
HYB	148.07	39 ePKP	28 01.50	-0.5	

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

MAY 06, 1985 20h 59m 46.32± 1.07s
28.328 N ± 9.2km 82.305 E ± 6.3km
DEPTH = 46.6 ± 12.7 km
4.5mb (6 obs.)
NEPAL (310)

DMN	2.58	105 Pn	00 28.70	1.9	
		Sn	00 59.10		
KKN	2.68	101 Pn	00 27.60	-0.7	
		Sn	00 59.60		
PKI	2.85	105 Pn	00 30.00	-0.7	
		Sn	01 04.00		
NDI	4.49	276 iPn	00 56.30	2.7	
		eSn	01 47.00		
AJM	7.33	256 eP	01 32.00	-1.5	
		eS	02 49.00		
HYB	11.40	198 eP	02 28.00	-1.3	
		eS	04 33.00		
POO	12.45	220 iP	02 43.00	-0.5	
		IS	04 58.00		
BOM	12.79	225 eP	02 47.00	-0.9	
		eS	05 34.00		
GBA	15.34	198 P	03 20.00	-1.3	
		S	06 02.00		
KMI	18.53	95 eP	04 01.00	-0.5	
KOD	18.57	195 eP	04 04.00	1.9	
MHI	20.82	298 eP	04 27.00	0.6	
SUF	49.82	330 iP	08 36.30	0.1	
	0.5s	1.50nm	4.3mb		
NUR	49.94	327 eP	08 37.00	-0.2	
UPP	53.29	325 iP	09 01.80	-0.6	
HFS	55.28	325 eP	09 16.60	-0.4	
	0.5s	6.30nm	4.9mb		
NB2	56.54	327 P	09 25.00	-1.1	
	0.7s	1.70nm	4.2mb		
BNG	64.86	261 iPd	10 25.60	2.4	
	1.0s	7.90nm	4.7mb		
DAG	65.14	346 iPd	10 22.70	-1.4	
	0.6s	4.00nm	4.6mb		
WRA	69.50	128 Pd	10 53.30	1.0	
	0.3s	0.70nm	4.1mb		
WB2	69.51	128 eP	10 53.40	1.0	
YKA	88.48	8 eP	12 35.20	0.5	
YKC	88.51	8 eP	12 34.00	-0.8	

S.D. = 1.4 on 23 of 23 obs.

? MAY 06, 1985 21h 01m 56.56± 3.09s
66.241 N ±32.1km 150.055 W ±15.4km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.6 (PMR).

IMA	1.48	265 iPc	02 25.90	0.5	
COL	1.64	144 iP	02 26.80	-0.8	
		i	02 29.50		
		eS	02 47.00		
FBA	1.64	144 iPd	02 26.80	-0.8	
TTA	4.20	220 eP	03 02.80	-1.3	
TOA	4.49	156 eP	03 09.30	1.2	
PME	4.65	174 eP	03 11.50	1.0	
DWY	4.99	111 P	03 12.00	-3.2X	
INK	6.73	65 eP	03 36.00	-3.8X	

S.D. = 1.3 on 6 of 8 obs.

• MAY 06, 1985 22h 23m 59.47± 3.29s
20.730 N ±10.5km 144.932 E ±14.6km
DEPTH = 157.7 ± 29.6 km
4.5mb (8 obs.)
MARIANA ISLANDS (216)

MAT	16.81	341 eP	27 47.00	0.0	
	0.7s	20.55nm	4.6mb		
WB2	41.73	195 eP	31 34.70	0.2	
		e	32 09.00		
WRA	41.73	195 Pd	31 34.10	-0.5	
	0.6s	1.10nm	3.6mb		
PKI	54.31	290 eP	33 12.00	-0.2	
	0.5s	9.00nm	4.8mb		
KKN	54.39	290 eP	33 13.00	0.3	
DMN	54.57	290 eP	33 14.40	0.3	
	0.3s	6.00nm	4.9mb		
INK	67.81	23 eP	34 41.00	-0.9	
QUE	69.83	296 eP	34 55.00	-0.3	
MHI	74.48	303 eP	35 24.00	1.5	
YKA	76.54	28 eP	35 34.10	0.7	
YKC	76.61	28 eP	35 34.00	0.2	
	0.7s	7.00nm	4.5mb		
SUF	83.99	336 iP	36 11.70	-1.2	
	0.3s	1.90nm	4.4mb		
FFC	85.78	32 eP	36 23.00	1.1	
	0.6s	4.00nm	4.4mb		
HFS	90.24	338 eP	36 41.90	-1.2	
	0.4s	1.20nm	4.3mb		

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

& MAY 06, 1985 23h 14m 33.00s
35.300 N 119.350 W
DEPTH = 24.0km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 4.4 (PAS), 4.1 (BRK). Felt (V) at Bakersfield. (IV) at Tupman and McKittrick. Felt (III) at Maricopa, Wofford Heights, Lebec, Fellows, Summerland, New Cuyama and Buttonwillow.

ISA	0.80	63 iPd	14 47.60	-0.7	
		iSc	14 58.00		
WKTM	0.89	56 P	14 49.00	-0.7	
SYP	0.93	214 iPd	14 50.60	0.2	
PHAM	1.01	302 P	14 50.40	-1.2	
BLP	1.14	230 P	14 53.40	0.0	
PRI	1.36	309 iPd	14 55.70	-1.0	
SBB	1.39	116 iPc	14 56.50	-0.6	
VPEM	1.41	62 P	14 58.20	0.8	
MWC	1.51	135 eP	14 59.00	0.0	
CLC	1.52	70 iPc	14 59.00	0.1	
FRI	1.71	350 iPd	15 01.10	-0.6	
LLA	1.84	316 ePc	15 02.40	-1.2	
PRS	1.94	303 ePc	15 03.20	-1.8	
SDW	1.99	110 P	15 04.80	-1.1	
GSC	2.08	89 ePc	15 06.40	-0.7	
OSM	2.13	71 P	15 07.20	-0.5	
MCA	2.15	51 P	15 08.40	0.4	
SAO	2.24	311 iPd	15 08.00	-1.3	
SLD	2.33	320 P	15 09.50	-1.1	
LCH	2.37	35 P	15 12.20	0.9	
MGM	2.61	34 P	15 15.00	0.2	
ARN	2.70	320 P	15 14.40	-1.5	
SVP	2.71	27 P	15 17.80	1.5	
GCC	2.75	310 eP	15 14.00	-2.5	
MHC	2.75	318 eP	15 15.40	-1.3	
JAS1	2.76	342 iPc	15 16.70	0.6	
SLBC	2.87	142 eP	15 24.40	6.2	
MNA	3.27	17 eP	15 25.40	1.4	
PCC	3.29	313 iPc	15 22.00	-2.1	
BRK	3.48	318 eP	15 24.40	-2.4	
ZSP	3.53	319 ePnc	15 26.10	-1.5	
		ePb	15 31.10		
		ePg	15 34.20		
WCN	4.02	355 P	15 34.80	0.1	
GLA	4.37	120 P	15 37.00	-2.5	
ORV	4.58	339 P	15 42.40	-0.1	
MIN	5.34	341 eP	16 00.70	7.3	
BMN	5.39	18 P	15 55.20	1.1	
ALQ	10.57	88 e(P)	17 06.00	-0.2	
EDM	18.41	11 eP	18 50.00	1.8	
INK	34.00	351 eP	21 16.00	-0.5	

39 obs. associated

• MAY 06, 1985 23h 22m 30.39± 1.06s
7.159 S ±11.0km 155.743 E ±13.0km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
SOLOMON ISLANDS (193)

PAA	0.89	344 iPc	22 47.80	1.2	
		eS	22 54.00		
BGA	1.15	331 iPc	22 49.90	-0.4	
		eS	23 07.00		
SVO	4.49	116 P	23 55.00	17.1X	
RAB	4.62	309 e(P)	23 40.00	0.3	
KVG	6.71	313 eP	25 07.00	57.8X	
LMG	7.72	256 eP	24 23.00	-0.5	
PMG	8.79	255 eP	24 36.50	-1.7	
WB2	24.33	236 iPc	27 47.70	1.3	
WRA	24.34	236 Pd	27 48.00	1.5	
	0.5s	5.00nm	4.3mb		
PKI	76.15	301 eP	34 29.20	11.5X	
KKN	76.32	301 eP	34 39.80	21.3X	
	0.7s	11.00nm			
DMN	76.41	301 eP	34 30.80	11.7X	
	0.7s	16.00nm			
COL	83.00	21 eP	34 52.00	-1.4	
INK	89.61	21 eP	35 25.00	-0.7	
YKA	96.13	28 eP	35 56.30	0.5	
BOG	130.41	90 ePKP	41 50.00	9.2X	
BMG	131.58	87 ePKP	41 58.00	15.3X	

S.D. = 1.3 on 10 of 17 obs.

? MAY 06, 1985 23h 34m 19.65± 9.58s
44.467 N ±17.0km 114.275 W ±90.6km

06d 23h

DEPTH = 5.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.1 (BUT).

HPI	1.14	131	eP	34 41.40	-0.2
LRM	1.87	43	ePn	34 52.80	-0.1
			iPg	34 55.20	
BUT	1.96	37	ePg	34 57.00	2.9X
			eSg	35 22.10	
TMI	2.06	123	eP	34 55.80	0.2
IMW	2.47	102	eP	35 01.50	0.0

S.D. = 0.3 on 4 of 5 obs.

MAY 07, 1985 00h 58m 46.80± 0.99s
45.311 N ±13.4km 26.616 E ±10.3km
DEPTH = 33.0km (normal)
ROMANIA (358)

ISR	0.18	196	eP	59 06.00	12.7X
MLR	0.51	291	iPc	58 58.00	0.4
VRI	0.56	8	iPc	58 59.00	0.7
CVO	0.60	329	iPc	58 58.00	-0.8
CFR	1.09	96	iPc	59 05.50	-0.3
TLB	1.24	125	iPc	59 08.00	0.2

S.D. = 0.8 on 5 of 6 obs.

MAY 07, 1985 01h 43m 10.07± 0.85s
40.866 N ± 8.3km 21.490 E ± 6.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)

OHR	0.58	295	iPg	43 22.00	0.2
			iSg	43 32.00	
VAY	0.93	61	ePn	43 27.70	-0.2
			i	43 41.00	
			eSn	43 45.00	
LIT	1.08	135	ePg	43 30.10	-0.3
			eSg	43 45.30	
KNT	1.11	74	ePgd	43 31.10	0.3
			eSg	43 45.40	
SKO	1.11	358	ePn	43 30.50	-0.3
			eSn	43 48.80	
THE	1.14	101	ePg	43 31.20	-0.3
SOH	1.41	91	ePb	43 36.50	0.6
			eSb	43 55.40	

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

MAY 07, 1985 03h 37m 54.85± 0.28s
25.867 N ± 4.6km 128.426 E ± 4.9km
DEPTH = 25.0km (4 depth phases)
5.0mb (19 obs.) 4.5Msz (1 obs.)
RYUKYU ISLANDS (238)
Felt at Naha.

NAH	0.75	298	iPc	38 10.00	0.8
			S	38 21.60	
NGO	0.83	331	iPc	38 10.70	0.2
			S	38 21.70	
KMJ	1.53	288	iPc	38 21.40	0.6
			e	38 30.00	
MVI	2.53	90	iP	38 33.30	-1.9
NZJ	2.68	21	eP	38 47.00	9.8X
			S	39 16.30	
MYK	3.04	250	eP	38 58.00	15.6X
			eS	39 41.00	
ANP	6.28	265	eP	39 32.00	3.6X
SSE	8.23	311	eP	39 53.20	-2.3
Z	11s		6.00um		
N	11s		3.20um		
E	11s		6.90um		
			S	42 04.00	
			SS	42 22.00	
			Lg	43 22.50	
SHK	9.39	22	eP	40 08.60	-3.0X
BAG	11.92	219	eP	40 46.00	-0.4
MAT	13.53	36	(P)	41 10.00	2.4
	1.0s		9.00nm		4.6mb
BJI	17.45	327	eP	41 58.50	0.4
			eS	45 20.00	
DAV	18.87	189	eP	42 16.00	0.2
			eS	45 50.00	
KMI	23.19	274	Pc	43 01.00	0.1
N	12s		1.20um		
			S	47 16.00	
LZH	23.35	302	eP	43 00.50	-1.9
	1.5s		69.00nm		5.0mb
E	13s		1.10um		
			eS	47 17.00	
LOE	26.17	257	eP	43 30.00	0.8
CHG	28.11	262	iPc	43 46.80	-0.2
	1.0s		22.50nm		4.9mb
			eS	48 52.00	
NNT	30.05	249	eP	44 05.20	0.8
IPM	33.72	236	ePd	44 37.00	0.5
PKI	38.32	282	eP	45 15.50	-0.4
KKN	38.41	283	eP	45 16.20	-0.2
MTN	38.57	176	iPc	45 16.90	-0.6
DMN	38.58	283	eP	45 17.90	-0.1
KNA	41.37	180	iPd	45 41.40	0.8
WRA	45.90	172	Pd	46 15.40	-1.9
	0.6s		8.90nm		4.9mb
WB2	45.90	172	iPd	46 17.30	0.0
HYB	46.89	270	eP	46 25.20	-0.1
	1.0s		25.00nm		5.2mb
CTA	48.85	158	iPc	46 41.30	0.9
	0.9s		14.71nm		5.0mb
GBA	49.25	266	Pc	46 43.80	0.2
	0.6s		8.50nm		5.0mb
ASPA	49.53	173	eP	46 46.00	0.4
KOD	50.57	262	eP	46 54.30	0.2
POO	50.76	273	iPc	46 54.00	-1.2
MHI	58.84	298	eP	47 54.00	0.1
TTA	60.75	31	P	48 10.00	3.4X
	1.0s		12.50nm		5.0mb
BRW	60.87	21	eP	48 11.20	4.0X
IMA	61.76	27	eP	48 18.70	5.2X
PME	64.08	32	eP	48 23.50	-5.2X
	1.0s		15.00nm		5.1mb
COL	64.27	28	eP	48 30.00	0.1
IR2	65.78	299	eP	48 40.00	-0.2
INK	69.16	23	eP	49 06.00	5.2X
MBC	70.14	14	eP	49 06.00	-0.7
	0.7s		21.00nm		5.4mb
SOD	70.80	336	iP	49 10.00	-0.9
KJF	71.53	333	iP	49 14.00	-1.2
	0.6s		14.30nm		5.2mb
ALE	71.72	1	ePc	49 15.70	-0.5
	0.9s		11.00nm		4.9mb
SUF	72.73	332	iP	49 21.20	-1.2
	0.7s		9.20nm		4.9mb
NUR	74.28	330	iP	49 30.80	-0.6
	0.8s		14.70nm		5.1mb
DAG	75.65	353	iPd	49 37.60	-1.5
	0.6s		5.33nm		4.7mb
UPP	77.69	331	iP	49 49.50	-1.2
HRI	78.37	301	eP	49 59.00	3.8X
YKA	78.78	25	eP	49 57.50	0.9
YKC	78.84	25	eP	49 57.00	0.0
HFS	79.22	332	eP	49 58.40	-0.7
	0.7s		8.20nm		4.9mb
Z	13s		0.85um		5.3MszX
			LR	26 42.00	
JER	79.39	300	eP	50 02.00	1.3
NB2	79.72	334	P	50 01.10	-0.7
	0.7s		11.20nm		5.0mb
PRNI	80.12	299	eP	50 06.50	1.9
KRA	81.51	322	eP	50 12.00	0.6
			e	50 20.10	26km
SPC	81.78	321	eP	50 12.90	-0.2
VAY	84.26	313	iP	50 26.30	0.5
PRU	84.49	324	P	50 27.70	0.9
Z	14s		0.50um		5.1MszX
			e	50 36.00	26km
CLL	84.55	325	iPd	50 28.00	1.0
			i	50 35.10	22km
SKO	84.67	314	iPc	50 28.80	0.9
			i	50 37.00	26km
EDM	84.81	32	eP	50 29.50	1.2
KHC	85.50	323	iP	50 33.40	1.5
OHR	85.52	314	iP	50 31.00	-1.2
GRF	86.42	325	eP	50 37.70	1.3
Z	20s		0.20um		4.5Msz
			e	50 40.90	10kmX
			e	50 48.70	
KBA	86.81	322	iPd	50 41.80	3.2X
	0.5s		2.70nm		4.7mb
FFC	88.84	27	iPc	50 48.50	0.6
	0.9s		7.00nm		5.0mb
FRB	89.69	7	eP	50 57.00	5.2X

S.D. = 1.0 on 56 of 68 obs.

* MAY 07, 1985 04h 03m 07 10± 1.14s
25.891 N ±14.1km 128.472 E ±18.1km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
RYUKYU ISLANDS (238)

NAH	0.78	295	P	03 21.20	-0.4
			eS	03 32.00	
NGO	0.83	328	eP	03 23.00	0.6
			S	03 32.10	
KMI	23.23	274	eP	08 13.00	0.4
PKI	38.36	282	iP	10 27.10	-0.2
	0.5s		5.00nm		4.6mb
KKN	38.44	283	iP	10 27.90	0.0
	0.5s		8.00nm		4.8mb
WB2	45.92	172	eP	11 28.80	0.2
NB2	79.71	334	P	15 12.20	-0.7
	0.7s		1.80nm		4.2mb

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

MAY 07, 1985 04h 05m 09.66± 0.51s
25.816 N ± 8.2km 128.383 E ± 8.7km
DEPTH = 33.0km (normal)
4.5mb (8 obs.)
RYUKYU ISLANDS (238)

NAH	0.75	302	Pc	05 23.80	0.1
			S	05 35.30	
NGO	0.86	335	Pc	05 25.90	0.6
			S	05 37.10	
BJI	17.47	327	eP	09 13.50	1.2
			eS	12 39.00	
KMI	23.15	274	eP	10 13.50	-0.9
LZH	23.34	302	eP	10 15.00	-1.1
CHTO	28.07	262	eP	11 01.50	1.2
	0.8s		3.48nm		4.1mb
PKI	38.30	282	eP	12 29.40	0.0
	0.5s		5.00nm		4.6mb
KKN	38.38	283	eP	12 30.30	0.4
	0.7s		28.00nm		5.2mb
DMN	38.56	283	eP	12 31.90	0.4
	0.4s		20.00nm		5.3mb
WRA	45.85	172	Pc	13 30.40	-0.2
	0.9s		2.70nm		4.2mb
WB2	45.85	172	eP	13 31.20	0.6
INK	69.23	23	eP	16 15.00	0.1
SOD	70.83	336	eP	16 21.00	-3.7X
KJF	71.55	333	eP	16 27.00	-2.1
SUF	72.76	332	iP	16 35.40	-0.8
	0.8s		2.80nm		4.3mb
NUR	74.31	330	iP	16 45.50	0.3
Z	16s		0.80um		5.1MszX
			LR	26 30.00	
YKA	78.84	25	eP	17 11.50	0.9
YKC	78.90	25	eP	17 11.00	0.1
NB2	79.74	334	P	17 14.80	-0.8
	0.8s		3.60nm		4.4mb
CLL	84.57	325	e(P)	17 50.00	9.3X
FFC	88.90	27	eP	18 02.00	0.1
	1.0s		5.00nm		4.8mb

S.D. = 0.9 on 19 of 21 obs.

* MAY 07, 1985 05h 10m 09.08± 1.47s
36.427 N ±17.4km 139.049 E ±12.2km
DEPTH = 33.0km (normal)
HONSHU, JAPAN (227)

DDR	0.44	165	eP	10 22.60	3.7X
			S	10 38.80	
MAT	0.69	280	iPd	10 22.20	-0.1
			iS	10 38.20	
SRY	0.84	167	eP	10 25.70	1.3
TSK	0.88	104	eP	10 25.70	0.6
OYM	1.02	171	eP	10 27.00	-0.1
KYS	1.52	144	eP	10 32.60	-1.6

S.D. = 1.5 on 5 of 6 obs.

MAY 07, 1985 05h 56m 10.49± 0.52s
43.942 N ± 7.7km 16.611 E ± 7.1km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.1 (BRY), 3.1 (TTG).

BRY	1.75	126	iPn	56 41.60	0.4
			eSn	57 06.00	
HCY	2.03	137	ePn	56 45.00	-0.2
			eSn	57 13.50	
PLE	2.11	106	ePn	56 46.50	0.1
			eSn	57 17.50	
CEY	2.37	320	ePn	56 50.90	0.8

			ISn	57	22.40	
TTG	2.46	127	ePn	56	50.50	-0.7
			eSn	57	24.00	
LJU	2.57	326	ePn	56	53.40	0.6
	0.9s	150.00nm				
			eSn	57	26.40	
TRI	2.69	312	e(Pn)	56	59.30	4.8X
			e(Sn)	57	27.50	
			i(Sg)	57	33.50	
VOY	2.84	318	ePn	56	56.80	0.0
			iSn	57	33.50	
			iSg	57	46.20	
MNS	3.27	243	ePn	57	03.00	0.3
KBA	3.89	325	iPnc	57	27.70	16.0X
			iPg	57	36.30	
			i	58	01.80	
			iSg	58	19.30	
ORI	3.89	182	e(Pn)	57	12.00	0.4
SKO	4.05	117	e(Pn)	57	58.00	44.1X
CTI	4.10	303	ePn	57	13.00	-1.6
			eSn	58	21.00	
KHC	5.60	339	eP	57	48.50	12.7X
			e	58	42.50	
S.D. = 0.8 on 10 of 14 obs.						

* MAY 07, 1985 06h 14m 34.45± 0.30s
16.488 S ±11.8km 173.899 W ±10.1km
DEPTH = 75.8km (2 depth phases)
4.8mb (9 obs.)
TONGA ISLANDS (173)

AFI	3.28	39	P	15	32.00	7.3X
			S	15	52.00	
NUE	4.58	125	P	15	27.80	-14.9X
			S	16	10.00	
NOU	19.41	250	IPc	18	59.00	1.6
KRP	23.29	202	P	19	35.00	-1.2
COO	34.21	240	eP	21	14.00	-0.9
CTA	37.94	258	eP	21	46.00	-0.5
STK	43.09	241	eP	22	29.00	0.2
WB2	49.12	258	eP	23	15.00	-1.7
WRA	49.13	258	P	23	17.00	0.3
	0.6s	2.30nm			4.4mb	
ASPA	49.33	253	iPc	23	17.80	-0.4
	0.7s	35.00nm			5.5mb	
WBN	55.88	249	IPc	24	06.10	-0.8
SBA	62.13	185	eP	24	48.50	-0.9
NAU	66.29	252	eP	25	17.50	0.3
SPA	73.62	180	e(P)	26	03.60	2.3
JAS1	73.81	41	eP	26	02.50	-0.1
[illegible]	74.12	40	eP	26	04.10	-0.3
WDC	74.13	38	eP	26	04.00	-0.4
VPEM	74.36	44	P	26	06.70	0.6
M N	74.54	39	eP	26	06.00	-1.0
MNA	75.55	42	eP	26	12.90	0.1
BMN	77.28	41	P	26	20.00	-2.5
			pP	26	42.00	83km
EUR	77.55	42	iP	26	24.20	0.1
	1.0s	5.38nm			4.4mb	
RMU	79.64	46	eP	26	36.10	0.7
PNT	81.18	33	eP	26	43.00	-0.1
LTX	81.61	56	P	26	46.00	0.1
	1.0s	8.40nm			4.6mb	
ALQ	81.86	50	eP	26	46.70	-0.5
	1.2s	11.72nm			4.7mb	
NEW	81.87	34	P	26	46.00	-0.8
LRM	83.16	38	ePc	26	53.80	0.0
BDW	83.39	42	P	26	54.00	-1.0
	0.9s	15.38nm			5.0mb	
COL	83.55	11	eP	26	55.00	0.0
	0.8s	17.91nm			5.1mb	
			e	27	14.00	69km
FBA	83.55	11	P	26	54.50	-0.5
	0.9s	22.92nm			5.2mb	
SES	86.36	35	eP	27	09.00	-0.4
EDM	86.66	32	eP	27	10.50	-0.2
RSSD	87.58	43	eP	27	15.30	-0.3
	0.9s	3.78nm			4.5mb	
INK	89.43	14	ePd	27	24.30	0.7
YKA	91.28	24	eP	27	33.70	1.4
YKC	91.32	24	eP	27	33.00	0.5
KSP	144.76	349	IPKPd	34	04.30	0.3
CLL	144.82	352	ePKPd	34	04.00	-0.1
	1.5s	17.00nm				
MOX	145.64	354	ePKP	34	06.50	1.0
	1.2s	28.00nm				
ENN	145.80	0	ePKP	34	07.00	1.2
	1.2s	36.00nm				
			e	34	26.00	
PRU	145.89	350	PKPc	34	07.50	1.5
	1.2s	18.20nm				
	Z 20s	0.60um			5.4Msz	
	N 20s	0.30um				
	E 20s	0.60um				
			e	34	28.00	
MEM	145.96	0	PKP	34	07.20	1.2
DOU	146.45	2	PKP	34	09.70	2.8X
KHC	146.88	351	IPKPd	34	11.10	3.5X
	1.2s	12.00nm				
WLF	146.91	360	PKP	34	11.00	3.5X
FLN	147.36	8	ePKP	34	11.00	2.7X
LDF	147.58	8	ePKP	34	11.00	2.3X
GRR	147.68	9	ePKP	34	12.00	3.1X
LPF	148.00	9	ePKP	34	13.00	3.6X
CDF	148.15	359	ePKP	34	13.60	3.8X
HAU	148.57	360	ePKP	34	14.70	4.3X
BSF	148.74	359	ePKP	34	14.90	4.2X
GRC	149.18	4	iPKPc	34	16.70	5.4X
LOR	149.25	3	ePKP	34	16.40	5.0X
OGA	149.43	353	IPKPd	34	18.10	6.1X
	1.2s	13.00nm				
SSF	149.44	3	ePKP	34	17.00	5.3X
LBF	149.54	3	ePKP	34	17.00	5.1X
AVF	149.70	4	ePKP	34	17.20	5.1X
SMF	149.87	3	ePKP	34	17.80	5.4X
BGF	149.90	4	ePKP	34	17.90	5.5X
TCF	150.11	5	ePKP	34	18.20	5.4X
MZF	150.22	5	ePKP	34	18.70	5.8X
S.D. = 1.0 on 41 of 63 obs.						

MAY 07, 1985 06h 27m 01.12± 0.60s
6.103 S ± 3.9km 149.627 E ± 4.5km
DEPTH = 60.6 ± 5.9 km
5.2mb (12 obs.)
NEW BRITAIN REGION (192)

LAT	2.67	258	eP	27	44.00	1.5
LMG	3.15	208	IPd	27	47.60	-1.9
RAB	3.17	53	eP	27	49.50	-0.1
KVG	3.70	18	IPc	28	01.00	4.0X
MDG	3.92	282	eP	28	02.00	1.8
PMG	4.10	217	iPd-	28	03.40	0.7
MOM	4.60	331	IPd	28	10.00	0.2
BGA	5.52	91	eP	28	23.00	0.2
			eS	29	25.00	
PAA	5.83	92	eP	28	21.00	-6.1X
JAY	9.58	291	ePd	29	33.30	14.3X
	0.6s	43.00nm				
HNR	10.75	109	eP	29	33.00	-1.8
CTA	14.28	193	iPd-	30	21.00	-0.7
	1.5s	112.50nm			5.1mb	
			iS	33	08.00	
ISQ	17.51	213	eP	31	02.00	-0.7
MTN	19.43	248	eP	31	24.00	-1.5
GUA	20.07	347	eP	31	31.70	-0.6
	1.3s	876.92nm			5.9mb	
GUMO	20.12	346	e(P)	31	33.30	0.5
	2.4s	7816.79nm			6.6mb X	
KOU	20.22	137	iPc	31	35.50	1.7
WB2	20.24	226	iPd	31	33.50	-0.5
			eS	35	13.20	
WRA	20.25	226	Pc	31	32.70	-1.4
	1.8s	386.50nm			5.4mb	
RMO	20.29	182	IPd	31	34.60	0.1
KNA	22.59	243	iPd	31	58.50	0.9
NOU	22.88	136	iPc	32	11.00	10.6X
ASPA	23.11	219	eP	32	03.00	0.3
COO	24.44	175	eP	32	16.00	0.4
STK	26.73	195	eP	32	38.00	1.2
DAV	27.34	298	eP	32	38.00	-4.6X
			e	33	38.00	
YOU	28.06	182	eP	32	48.80	-0.1
CAN	29.08	181	eP	33	04.60	6.5X
WBN	29.68	225	eP	33	05.00	1.4
WAM	29.95	181	eP	33	06.60	0.8
MBL	32.50	240	iPc	33	28.10	-0.3
	0.4s	8.00nm			4.9mb	
MEK	35.95	232	eP	33	58.00	0.0
	0.6s	22.00nm			5.3mb	
KLG	36.08	224	eP	33	58.00	-1.0
BAG	36.42	308	eP	34	01.00	-1.1
NAU	36.75	240	eP	34	04.50	-0.2
SJI	37.61	265	eP	34	10.50	-1.5
KLB	39.13	226	iPc	34	24.10	-0.4
MRWA	39.19	230	eP	34	25.00	-0.1
BAL	39.36	228	eP	34	26.00	-0.5
NWAO	40.24	224	eP	34	34.00	0.3
	Z 20s	3.20um			5.2Msz	
	N 20s	1.90um				
	E 20s	2.20um				
MUN	40.44	226	eP	34	35.00	-0.4
RKG	41.05	223	eP	34	43.00	2.7X
TCW	41.31	152	P	34	42.50	0.2
SHK	43.47	340	eP	35	00.00	-0.1
MAT	43.75	347	eP	35	02.00	-0.3
	1.5s	125.00nm			5.5mb	
	Z 20s	1.24um			4.8Msz	
			eS	41	36.00	
SSE	45.91	325	eP	35	18.00	-1.6
	Z 22s	3.90um			5.3Msz	
	N 20s	1.90um				
			eS	42	24.00	
			SS	45	56.00	
PPI	49.44	275	ePc	35	47.70	0.2
	0.8s	23.40nm			5.3mb	
IPM	49.67	281	ePd	35	50.80	1.5
LOE	52.76	297	eP	36	14.00	1.5
BJI	55.30	329	eP	36	31.00	0.3
CHG	55.74	298	eP	36	34.00	-0.3
CHTO	55.74	298	eP	36	33.10	-1.2
	0.6s	1.96nm			4.3mb	
LZH	60.01	318	eP	37	85.50	1.3
PKI	70.41	302	eP	38	10.80	-0.8
	0.6s	7.00nm			4.8mb	
KKN	70.58	302	eP	38	11.90	-0.6
	0.5s	13.00nm			5.1mb	
DMN	70.67	302	eP	38	13.00	-0.1
	0.5s	18.00nm			5.3mb	
SBA	72.27	176	e(P)	38	23.90	2.5X
SPA	83.94	180	eP	39	26.80	1.0
	1.0s	17.50nm			5.0mb	
COL	84.27	22	eP	39	28.00	-1.2
MTD	114.68	249	ePKP	45	37.00	-0.4
BUL	116.44	244	ePKP	45	40.30	-0.5
KRI	116.49	248	ePKP	45	40.00	-0.9
KHC	123.36	327	ePKP	45	54.50	1.5
BNG	131.27	271	IPKPd	46	08.60	-0.6
	1.0s	23.70nm				
YJA	135.58	130	e(PKP)	46	02.00	-15.7X
CAR	143.58	81	IPKPc	46	28.50	-3.4X
	0.5s	61.97nm				
VAO	146.83	151	ePKP	46	38.60	1.5
			e	46	52.20	
BAO	152.23	141	iPKP	46	46.90	1.3
ITR	163.19	151	ePKP	46	59.50	0.9
			e	48	01.90	
S.D. = 1.0 on 59 of 69 obs.						

* MAY 07, 1985 08h 00m 29.08± 1.35s
15.551 N ±14.5km 94.630 W ± 8.9km
DEPTH = 49.9 ± 9.8 km
4.5mb (12 obs.)
NEAR COAST OF OAXACA, MEXICO (66)

VHO	2.62	310	iP	01	07.50	-2.6
			iS	01	33.00	
IIT	4.92	315	iP	01	43.00	0.2
TPM	5.44	310	iP	01	49.50	-0.4
			iS	02	46.00	
IIP	5.57	313	iP	01	52.10	0.3
UNM	5.75	312	eP	01	55.00	0.7
TAC	5.80	312	iP	02	08.50	13.4X
IIC	6.09	314	eP	02	01.00	1.9
OXM	6.10	308	IP	01	58.50	-0.8
			iS	03	02.50	
GCM	13.18	72	eP	03	35.15	-0.6
JCT	15.60	343	eP	04	07.50	0.2
LTX	16.05	330	P	04	13.70	0.6
	1.0s	32.00nm			4.4mb	
BHO	18.75	359	eP	04	47.00	0.4
OCO	20.05	353	eP	05	02.80	1.9
TUL	20.30	357	iP	05	03.40	-0.1
	1.2s	108.70nm			5.1mb	
RLO	20.53	359	iP	05	05.70	-0.2
ALQ	22.04	333	eP	05	21.40	0.1
	0.9s	14.29nm			4.4mb	
BOG	22.95	116	eP	05	31.50	1.0
GLA	25.27	317	P	05	52.70	0.3
GOL	25.83	341	eP	05	58.10	0.3
	0.8s	3.87nm			4.0mb	
BDW	30.01	338	eP	06	34.50	-1.1

07d 08h

	1.0s	3.40nm			4.0mb		
EUR	30.29	326	iP	06	38.50	0.4	
	0.5s	2.66nm			4.2mb		
MNA	30.80	322	P	06	43.00	0.5	
BMN	31.64	326	P	06	50.00	0.2	
LRM	33.68	337	eP	07	08.20	0.5	
SES	37.21	343	eP	07	38.00	0.7	
NEW	37.51	335	eP	07	39.00	-0.9	
PNT	39.36	334	eP	07	56.00	0.7	
FFC	39.51	353	iPd	07	56.10	-0.3	
	0.6s	8.00nm			4.7mb		
EDM	40.38	343	ePd	08	03.50	-0.2	
YKC	48.92	348	ePd	09	11.50	-0.4	
	0.6s	12.00nm			5.1mb		
YKA	48.96	348	eP	09	11.90	-0.3	
FRB	51.42	14	eP	09	29.00	-1.9	
INK	58.23	344	eP	10	19.50	-0.8	
COL	60.83	337	eP	10	37.00	-1.3	
	0.8s	8.96nm			4.9mb		
ALE	68.19	4	eP	11	24.50	-1.4	
	1.0s	6.00nm			4.6mb		
EKA	78.20	36	Pc	12	24.10	-0.6	
	0.6s	5.00nm			4.7mb		
NB2	83.99	28	P	12	57.60	2.4	
	1.1s	4.10nm			4.4mb		
GBA	149.99	16	PKPc	20	15.00	3.7X	
	0.6s	2.30nm					
	S.D. = 1.0	on	36 of	38	obs.		

& MAY 07, 1985 08h 38m 31.14s
60.234 N 153.068 W
DEPTH = 120.3km
SOUTHERN ALASKA (2)
<AGS-P>.

FLM	0.14	112	iP	38	47.69	1.4	
			iS	39	00.15		
RED	0.24	38	ePd	38	47.90	1.3	
RDT	0.47	44	eP	38	48.94	-0.4	
			iS	39	02.48		
OPT	0.59	188	eP	38	50.30	0.3	
AUL	0.87	192	eP	38	52.60	0.3	
HOM	0.92	128	eP	38	53.00	0.3	
NKA	1.04	60	iP	38	54.79	0.9	
SPU	1.07	27	iP	38	53.47	-0.8	
			eS	39	11.72		
CRP	1.13	23	iP	38	54.34	-0.7	
CNPM	1.17	127	ePd	38	55.10	-0.1	
BRLK	1.19	112	eP	38	54.90	-0.6	
			iS	39	14.16		
CDD	1.34	193	ePc	38	56.90	-0.3	
SLKM	1.44	78	iP	38	57.10	-1.2	
			iS	39	17.13		
SVW	1.53	306	iP	38	58.13	-1.3	
			eS	39	18.73		
SUA	1.68	42	iP	39	00.15	-1.1	
			iS	39	23.45		
SEW	1.81	93	eP	39	01.20	-1.5	
			eS	39	24.98		
MPA	1.86	80	eP	39	01.66	-1.6	
SKT	1.91	22	iP	39	02.69	-1.2	
PTE	2.10	71	iP	39	03.95	-2.3	
PWA	2.11	46	eP	39	04.86	-1.5	
PLRM	2.36	53	eP	39	08.06	-1.5	
PME	2.42	53	eP	39	08.58	-1.8	
			eS	39	36.87		
KDC	2.51	173	iP	39	09.76	-1.8	
KNK	2.55	60	eP	39	10.41	-1.8	
MSE	2.56	49	iP	39	09.73	-2.7	
CFI	2.77	68	eP	39	13.85	-1.2	
SML	2.79	54	iP	39	12.49	-2.9	
TTA	3.05	334	eP	39	16.73	-2.1	
FID	3.30	78	eP	39	19.35	-2.8	
VLZ	3.43	72	eP	39	21.97	-1.9	
KLU	3.72	67	eP	39	24.95	-2.9	
TOA	3.83	58	eP	39	27.40	-1.9	
SGAM	3.91	83	eP	39	28.10	-2.3	
KMP	4.13	68	eP	39	31.15	-2.3	
COL	5.28	25	eP	39	46.00	-2.9	
BALM	5.34	77	iP	39	47.68	-2.2	
YAH	5.63	84	iP	39	52.19	-1.8	
PCA	6.40	86	iP	40	02.06	-2.3	
YKA	18.39	66	eP	42	35.90	-3.1	
YKC	18.45	66	eP	42	36.00	-3.7	
	40 obs. associated						

MAY 07, 1985 09h 17m 01.00± 0.44s
6.628 N ± 5.9km 72.840 W ± 7.1km
DEPTH = 185.0 ± 5.2 km
4.2mb (9 obs.)
NORTHERN COLOMBIA (99)

BMG	0.50	332	eP	17	22.50	-5.5X	
BOG	2.33	212	iP	17	42.50	-0.4	
			iS	18	12.50		
UAV	2.59	40	iPnc	17	45.50	-0.1	
	0.4s	427.20nm					
SDV	3.13	44	iPnd	17	52.10	-0.1	
	0.3s	170.00nm					
LGN	3.82	24	ePn	18	01.50	0.9	
TOV	4.35	44	iPnd	18	07.10	-0.4	
	0.7s	184.60nm					
CAR	7.00	56	iPd	18	42.00	-0.2	
	0.6s	120.00nm			5.4mb X		
PSO	7.01	220	iP	18	43.00	0.5	
UPA	7.03	290	ePc	18	35.00	-7.4X	
	0.8s	29.85nm			4.6mb		
			i	19	23.00		
			i	19	48.00		
HOJ	11.93	342	eP	19	46.70	0.2	
			eS	21	42.40		
GWJ	12.00	342	eP	19	48.00	0.6	
STH	12.02	342	eP	19	47.60	-0.1	
			eS	21	47.60		
MCJ	12.18	338	eP	19	56.70	6.9X	
BBJ	12.46	340	eP	19	52.49	-0.7	
			iS	21	56.94		
LPB	23.48	169	eP	22	14.00	18.2X	
			i	22	34.00		
BHO	34.30	327	eP	23	32.50	0.9	
FVM	35.06	335	eP	23	38.00	0.0	
RLO	35.74	328	iP	23	42.70	-1.0	
TUL	35.95	327	eP	23	44.60	-0.9	
	0.5s	26.00nm			5.1mb		
LTX	36.80	312	eP	23	52.60	-0.2	
	0.7s	2.19nm			3.9mb		
ALQ	41.84	317	eP	24	34.20	-0.4	
	1.0s	3.25nm			3.8mb		
GOL	44.02	323	eP	24	52.70	0.5	
	0.6s	4.12nm			4.2mb		
RSSD	46.25	329	eP	25	10.40	0.7	
GLA	46.97	310	eP	25	16.10	0.8	
RSON	47.39	342	eP	25	18.00	-0.2	
	0.7s	4.67nm			4.1mb		
SCH	48.30	5	eP	25	26.00	0.8	
BDW	48.41	324	eP	25	26.00	-0.5	
	1.0s	3.80nm			3.9mb		
LRM	51.89	325	ePc	25	53.00	0.1	
FFC	53.36	339	iPc	26	02.70	-0.6	
	0.5s	4.00nm			4.4mb		
EDM	56.92	332	iPc	26	27.70	-1.2	
PNT	57.87	326	eP	26	36.00	0.4	
	0.6s	3.00nm			4.3mb		
YKC	63.48	340	eP	27	13.00	-0.1	
YKA	63.54	340	eP	27	13.70	0.2	
INK	73.29	340	eP	28	14.00	0.6	
WB2	150.47	241	ePKP	36	34.80	7.6X	
WRA	150.48	241	PKPc	36	34.20	7.0X	
	0.5s	1.40nm					
	S.D. = 0.6	on	30 of	36	obs.		

% MAY 07, 1985 09h 19m 19.63± 1.68s
39.399 N ±10.9km 29.071 E ±12.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.40	301	iPg	19	26.90	-0.9	
			iSg	19	33.40		
YLV	1.19	11	ePn	19	42.00	0.1	
EDC	1.33	316	iPn	19	44.40	0.3	
ISK	1.66	360	ePn	19	48.40	-0.5	
IZM	1.73	235	iPn	19	49.50	-0.5	
CTT	1.81	345	ePn	19	51.40	0.3	
EZN	2.16	282	ePn	19	57.40	1.2	
DMK	2.62	338	ePn	20	04.50	1.8X	
	S.D. = 0.9	on	7 of	8	obs.		

? MAY 07, 1985 10h 04m 45.74± 2.70s
19.101 S ±25.9km 119.039 E ±15.0km
DEPTH = 33.0km (normal)
WESTERN AUSTRALIA (590)

NAU	4.76	223	eP	05	58.00	0.9	
			eS	06	50.00		
MEK	7.49	183	eP	06	37.00	1.5	
	0.2s	15.00nm			5.7mb X		
			eS	07	43.00		
WBN	9.87	137	iPd	07	09.30	0.8	
	0.3s	3.00nm			5.0mb X		
			eS	08	58.00		
MRWA	10.45	195	eP	07	15.00	-1.3	
			eS	09	06.00		
8AL	11.65	190	eP	07	33.00	0.3	
	0.3s	6.00nm			5.2mb X		
			eS	09	36.00		
KLB	12.49	185	eP	07	44.00	0.0	
			eS	09	54.00		
MUN	13.07	191	eP	07	51.00	-0.7	
			eS	10	11.00		
NWAO	13.86	186	eP	08	01.00	-1.1	
			eS	10	28.00		
WB2	14.46	96	eP*	08	09.80	-0.3	
			eS	10	40.70		
RKG	15.02	187	eP	08	23.00	5.7X	
			eS	11	08.00		
	S.D. = 1.1	on	9 of	10	obs.		

MAY 07, 1985 11h 14m 12.16± 0.93s
32.797 S ± 5.3km 71.834 W ± 8.4km
DEPTH = 45.5 ± 8.5 km
4.8mb (9 obs.) 4.7Msz (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.71	104	iPd	14	24.40	-1.8	
PEL	1.03	110	iPd	14	29.90	-0.5	
JACH	1.05	84	iPc	14	30.00	-0.8	
TACH	1.14	139	iPc	14	31.80	-0.1	
SAN	1.18	124	iPd	14	32.60	0.0	
			i(S)	14	43.50		
LNV	1.21	163	iPd	14	32.20	-0.7	
BACH	1.26	117	iPd	14	33.50	-0.1	
PCH	1.38	127	iPc	14	35.20	-0.2	
FCH	1.40	113	iPd	14	36.00	0.1	
CHCH	1.50	139	iPd	14	37.50	0.4	
MDZ	2.51	93	eP	14	54.10	2.6X	
RTCB	2.89	64	ePc	14	58.70	1.8	
			S	15	38.30		
RTCV	2.94	72	iPc	14	59.60	2.0	
			S	15	41.50		
ZON	2.95	66	eP	15	00.00	2.2	
			eS	15	43.00		
RTLL	3.21	64	ePc	15	02.50	1.1	
			S	15	46.00		
CFA	3.27	70	ePc	15	03.50	1.2	
			S	15	48.70		
TCA	6.32	79	ePc	15	43.20	-2.0	
			S	16	55.20		
CYA	6.77	52	iPd	15	44.00	-7.6X	
SLA	9.77	36	ePc	16	31.00	-2.2	
YJA	11.98	30	e(P)	17	04.00	0.5	
ARE	16.27	1	eP	18	02.00	2.6X	
LPB	16.54	13	P	18	05.00	2.0X	
			S	21	53.00		
			LR	22	56.00		
VAO	23.99	72	eP	19	21.80	-1.9	
			e	19	34.30		
BAO	27.55	57	iP	19	55.00	-2.0	
SOB1	36.97	58	e(P)	21	15.00	-4.1X	
ITR	39.05	60	eP	21	33.80	-2.7X	
	1.1s	18.90nm			4.8mb		
			e	21	41.50		
SPA	57.38	180	iP	23	58.90	0.8	
	1.0s	32.50nm			5.3mb		
JCT	68.28	334	eP	25	11.00	0.5	
LTX	68.77	330	eP	25	12.60	-1.0	
	1.1s	3.29nm			4.2mb		
RSCP	69.25	348	P	25	15.80	-0.6	
BHO	70.24	340	eP	25	22.30	-0.1	
POW	70.94	344	P	25	25.40	-1.2	
TUL	71.94	340	eP	25	31.80	-0.8	
	1.3s	18.90nm			4.9mb		
RLO	71.96	340	eP	25	32.50	-0.2	
FVM	72.52	345	eP	25	35.00	-1.0	
KIC	74.54	72	eP	25	47.90	-0.4	
ALQ	74.81	331	eP	25	49.80	0.2	
	1.0s	12.25nm			4.8mb		
	Z 20s	0.35um			4.7Msz		
GLA	77.01	324	eP	26	14.00	12.1X	
PLM	78.27	323	eP	26	10.00	1.0	
TPC	78.46	324	eP	26	11.00	1.1	
SDW	79.37	323	P	26	14.00	-0.9	

MWC 79.57 323 eP 26 23.00 6.9X
GSC 79.79 324 eP 26 16.00 -1.1
SBB 79.82 323 eP 26 18.00 0.7
MSU 80.25 329 P 26 20.00 0.3
CLC 80.59 324 eP 26 22.00 0.7
ISA 80.91 323 eP 26 24.00 1.0
CWC 81.32 324 eP 26 17.00 -8.3X
RSSD 81.99 337 eP 26 29.30 0.6
1.0s 3.00nm 4.3mb
BFS 82.54 117 eP 26 32.00 0.0
BPI 83.87 117 eP 26 34.00 -4.8X
BMN 84.07 327 P 26 39.00 -0.3
EVA 84.47 118 eP 26 42.50 0.7
0.8s 11.94nm 5.0mb
RSON 85.50 346 eP 26 45.70 -0.4
1.0s 4.00nm 4.6mb
LRM 86.46 333 eP 26 52.00 0.8
BUL 87.65 112 iPc 26 57.70 0.2
SES 89.80 336 eP 27 06.50 -0.3
KRI 90.29 110 eP 27 11.00 1.0
MTD 91.87 111 eP 27 18.00 0.8
BNG 92.69 86 iPd 27 21.30 0.3
1.0s 15.80nm 5.4mb
WB2 121.89 209 ePKP 33 04.30 0.9
WRA 121.89 209 PKPd 33 02.80 -0.6
0.6s 0.70nm
KOD 143.90 121 ePKP 33 43.00 -2.2X
GBA 146.09 117 PKPc 33 48.80 0.4
0.8s 28.20nm
KGM 149.04 171 ePKPd 33 57.60 4.4X
HYB 149.26 113 ePKP 33 58.00 4.5X
0.8s 30.80nm
IPM 151.15 165 ePKPd 34 02.00 5.6X
S.D. = 1.0 on 53 of 67 obs.

* MAY 07, 1985 11h 15m 52.90± 1.42s
50.060 N ±11.4km 12.330 E ±12.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.5 (KBA), 3.2 (FUR).

HOF 0.39 311 iPgc 16 00.70 -0.1
WET 0.98 158 iPgc 16 11.30 -0.3
CLL 1.32 19 iPg 16 12.00 -5.3X
iSg 16 27.10
FUR 2.02 200 iPgc 16 35.50 8.1X
TNS 2.50 275 ePn 16 40.80 6.5X
eSn 17 17.70
KSP 2.65 71 ePn 16 31.50 -4.9X
iPg 16 34.50
iS 17 07.30
SCE 3.05 188 ePn 16 41.90 -0.3
KBA 3.06 167 ePn 16 42.00 -0.3
0.6s 7.40nm
iPg 16 52.80
i 17 23.00
iSg 17 33.30
e(Sn) 39 47.50
i 40 11.30
SLE 3.42 229 eP 17 01.20 13.9X
SAX 3.44 216 eP 17 02.90 15.1X
OSS 3.68 204 eP 17 04.70 13.5X
CDF 3.70 245 Pn 16 52.10 0.7
Pg 17 07.20
Sg 17 55.00
CTI 4.04 187 ePn 17 11.00 14.8X
eSn 18 07.20
VOY 4.17 165 eP 16 58.90 0.9
i 17 12.80
eSn 18 07.20
BSF 4.28 241 Pn 16 58.60 -1.0
HAU 4.44 245 Pn 17 02.30 0.5
Pg 17 19.90
CEY 4.55 161 eP 17 22.70 19.3X
S.D. = 0.8 on 8 of 17 obs.

* MAY 07, 1985 11h 17m 04.28± 1.03s
9.303 S ± 8.8km 118.692 E ± 9.3km
DEPTH = 101.3 ± 16.3 km
4.8mb (4 obs.)
SUMBAWA ISLAND REGION (285)

DNP 3.50 280 eP 17 58.50 0.9
MKS 4.13 11 iPc 18 07.40 1.1
iS 18 51.50
KUG 4.90 100 eP 18 20.50 3.5X
eS 19 17.50
KUPT 4.92 100 eP 18 20.50 3.4X
TRT 6.20 284 ePc 18 34.00 -0.9
eS 19 30.40
SJI 7.03 282 ePd 18 43.20 -3.0X
eS 20 05.60
MBL 11.84 175 eP 19 48.00 -3.1X
0.3s 22.00nm 5.4mb
eS 21 50.00
MTN 12.70 107 eP 20 01.00 -1.5
NAU 13.52 193 eP 20 12.00 -1.1
i 20 14.00
eS 22 27.00
MEK 17.22 180 iPd 21 00.80 0.9
eS 23 55.00
WBN 18.34 157 eP 21 15.00 1.4
eS 24 30.00
WRA 18.45 127 Pc 21 15.20 0.2
0.9s 6.30nm 3.9mb
WB2 18.46 127 eP 21 10.20 -4.9X
i 21 15.00
eS 24 31.00
MRWA 19.97 187 eP 21 36.00 5.1X
eS 24 59.00
ASPA 20.38 136 eP 21 38.00 2.8X
e 25 17.00
PKI 48.81 320 eP 25 41.00 -0.7
0.4s 5.00nm 4.8mb
DMN 49.03 319 eP 25 42.90 -0.4
0.3s 4.00nm 4.8mb
S.D. = 1.3 on 10 of 17 obs.

MAY 07, 1985 14h 03m 59.13± 0.62s
0.096 N ± 8.0km 97.857 E ± 7.8km
DEPTH = 33.0km (normal)
4.6mb (7 obs.)
NORTHERN SUMATERA (706)

PPI 2.60 102 iPc 04 41.60 1.9
i(S) 05 13.00
TSI 3.45 12 ePd 04 53.60 1.7
KLM 4.82 52 ePd 05 12.30 1.0
e 06 34.80
IPM 5.46 35 iPc 05 20.20 -0.2
0.7s 47.10nm 5.1mb
i 05 48.90
KGM 5.78 71 ePc 05 25.40 0.5
e 06 06.20
e 07 08.90
BSI 5.94 335 iP 05 24.50 -2.6
iS 06 27.50
SNG 7.55 21 eP 05 44.00 -5.7X
KLI 8.55 125 eP 06 02.10 -1.6
KHT 14.61 3 eP 07 31.60 6.1X
LOE 17.62 12 eP 08 03.00 -0.9
CHTO 18.63 3 eP 08 14.20 -2.2
0.9s 2.13nm 3.3mb X
QIZ 22.19 31 eP 08 55.60 1.3
GBA 24.27 304 Pd 09 16.90 2.3
KMI 25.32 10 Pc 09 25.50 0.6
HYB 25.64 313 eP 09 28.50 0.8
PKI 29.82 337 eP 10 05.80 -0.1
0.5s 3.00nm 4.3mb
KKN 30.06 337 eP 10 00.80 -7.2X
0.7s 8.00nm 4.6mb
CD2 31.15 10 eP 10 16.30 -1.0
XAN 35.32 16 P 10 52.50 -1.0
LZH 36.24 8 eP 11 00.40 -0.9
GTA 39.17 2 P 11 26.10 0.3
WRA 40.90 121 Pc 11 39.40 -0.8
0.7s 6.90nm 4.5mb
WB2 40.91 121 eP 11 39.20 -1.1
ASPA 42.21 127 eP 11 51.00 0.0
BJI 43.12 21 eP 11 59.00 0.9
WMQ 44.47 349 Pc 12 09.90 0.8
SNY 47.59 26 eP 12 33.60 -0.1
CN2 49.99 26 Pc 12 51.00 -1.3
KJF 81.36 335 iP 16 14.20 0.5
0.5s 14.00nm 5.2mb
SUF 81.60 334 iP 16 15.00 0.1
0.8s 2.90nm 4.3mb
SOD 82.76 338 iP 16 21.20 0.3
KEV 83.35 341 eP 16 24.00 0.1
HFS 87.00 330 eP 16 42.70 0.5
0.7s 4.00nm 4.8mb
S.D. = 1.2 on 30 of 33 obs.

? MAY 07, 1985 16h 57m 46.99± 5.97s
15.945 S ±55.5km 121.264 E ±28.5km
DEPTH = 33.0km (normal)
NORTHWEST OF AUSTRALIA (588)

MBL 5.36 194 eP 59 08.00 1.2
eS 00 04.50
MEK 10.91 193 eP 00 23.00 -1.0
0.3s 8.00nm 5.4mb X
eS 02 14.00
WBN 11.29 155 eP 00 29.00 -0.1
eS 02 29.00
WB2 13.07 110 eP* 00 53.20 0.1
eS 03 09.50
MRWA 14.07 199 eP 01 06.00 -0.2
eS 03 25.00
S.D. = 1.1 on 5 of 5 obs.

* MAY 07, 1985 18h 30m 30.20± 2.22s
4.702 N ±21.7km 73.705 W ±11.0km
DEPTH = 33.0km (normal)
COLOMBIA (103)

UAV 4.64 33 iPnd 31 40.90 0.9
0.2s 106.60nm
SDV 5.16 36 ePn 31 47.80 0.5
0.2s 57.90nm 5.7mb X
TOV 6.37 37 iPnd 32 03.00 -1.3
0.7s 153.80nm 5.9mb X
PCJ 13.40 346 eP 33 40.09 -0.5
HOJ 13.55 348 eP 33 42.74 0.2
GWJ 13.62 348 eP 33 44.44 0.8
STH 13.64 347 eP 33 43.79 0.0
BBJ 14.04 346 eP 33 48.31 -0.7
eS 35 49.34
YKC 64.99 340 eP 41 09.00 0.1
YKA 65.05 340 eP 41 09.30 0.0
S.D. = 0.8 on 10 of 10 obs.

% MAY 07, 1985 19h 09m 01.30± 0.74s
45.948 N ± 5.5km 2.781 E ± 5.9km
DEPTH = 13.3 ± 5.9 km
FRANCE (538)
ML 2.5 (LDG).

MZF 0.30 333 Pg 09 07.50 -0.3
Sg 09 12.00
TCF 0.52 311 Pg 09 12.20 0.4
Sg 09 19.00
BGF 0.61 4 Pg 09 13.10 -0.2
Sg 09 21.60
LSF 0.92 290 Pg 09 18.60 0.0
Sg 09 30.20
AVF 0.93 25 Pg 09 18.90 0.1
Sg 09 31.00
SMF 1.01 46 Pg 09 20.50 0.3
Sg 09 34.10
RJF 1.10 235 Pg 09 21.70 0.1
Sg 09 35.40
CAF 1.14 207 Pg 09 22.20 -0.2
Sg 09 36.50
LBF 1.33 38 Pg 09 25.20 -0.3
Sg 09 43.10
S.D. = 0.3 on 9 of 9 obs.

& MAY 07, 1985 19h 09m 34.80s
37.470 N 118.640 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.2 (PAS).

TIN 0.53 141 iPd 09 44.40 -1.0
eS 09 52.40
FRI 0.98 241 eP 09 52.70 -1.0
MNA 1.03 22 iP 09 53.90 -0.9
JAS1 1.48 288 eP 10 01.40 -0.7
VPEM 1.66 156 eP 10 04.50 -0.1
WKTM 1.68 175 iP 10 05.00 0.1
WCN 2.04 335 eP 10 10.00 -0.2
SLD 2.10 260 eP 10 11.30 0.4
EUR 2.90 45 iP 10 27.80 5.1
9 obs. associated

MAY 07, 1985 19h 23m 42.39± 0.98s
22.077 S ± 6.1km 68.313 W ± 8.3km
DEPTH = 86.3 ± 10.9 km
4.6mb (4 obs.)
NORTHERN CHILE (123)

07d 19h

ANT	2.53	230	eP	24 22.50	0.3
	0.5s		45.07nm		
			eS	24 48.00	
YJA	2.61	93	ePd	24 33.00	9.3X
			S	25 09.20	
SLA	3.70	136	ePd	24 45.00	6.5X
CCH	5.10	24	P	25 05.20	7.0X
LPB	5.52	2	Pd	25 12.00	7.9X
			i	26 11.00	
ARE	6.34	331	eP	25 16.00	0.6
			iS	26 24.00	
TCA	9.80	161	ePc	26 01.00	-1.6
MDZ	10.78	182	e(P)	26 14.00	-1.6
ROCH	11.11	192	eP	26 20.30	0.0
FCH	11.34	188	iPd	26 26.50	3.0X
BACH	11.40	189	eP	26 25.00	1.1
PCH	11.66	189	eP	26 28.50	1.0
VAO	19.74	97	eP	28 08.20	0.3
			i	28 08.70	
			e	28 12.90	
			e	28 37.70	
BAO	20.26	75	P	28 14.10	0.7
ITR	31.63	70	eP	29 59.20	-0.3
	0.8s		8.90nm		4.6mb
			e	30 00.10	
BHO	61.56	335	e(P)	33 52.00	-0.8
RLO	63.20	336	e(P)	34 02.90	-0.7
TUL	63.27	335	e(P)	34 03.00	-1.0
	0.8s		5.40nm		4.6mb
ALQ	67.28	327	eP	34 30.00	-0.1
	0.9s		6.30nm		4.5mb
			e	34 59.00	
SPA	68.06	180	e(P)	34 35.00	0.4
KIC	68.33	73	iP	34 36.90	0.0
SCH	76.59	1	eP	35 24.00	-0.7
BUL	88.69	111	iPc	36 29.00	1.0
YKC	91.86	340	eP	36 42.00	0.5
	0.6s		5.00nm		5.1mb
YKA	91.91	340	eP	36 42.30	0.5
MTD	92.61	109	eP	36 30.00	-16.1X
GBA	146.39	99	PKPd	43 14.80	0.6
	0.7s		10.20nm		
	S.D. = 0.9		on 21 of 27 obs.		

& MAY 07, 1985 20h 06m 10.90s
36.590 N 116.150 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.5 (PAS).

GSC	1.39	203	iP	06 35.80	-1.1
CLC	1.40	237	iPd	06 35.50	-1.6
			eS	06 55.70	
VPEM	1.49	245	eP	06 38.00	-0.4
WKTM	2.02	247	eP	06 48.70	2.8
SDW	2.12	201	eP	06 46.00	-1.4
MNA	2.44	320	eP	06 55.50	3.5
EUR	2.89	3	iP	07 00.50	1.9
	7 obs. associated				

* MAY 07, 1985 23h 36m 41.90± 0.65s
37.477 N ±11.6km 70.201 E ±15.0km
DEPTH = 33.0km (normal)
4.1mb (3 obs.)
AFGHANISTAN-USSR BORDER REGION (717)
Felt (III) at Kulyab, Obigorm and Dushanbe, USSR.

MHI	8.66	265	iPd	38 47.30	-0.7
			eS	40 22.00	
NDI	10.56	144	eP	39 13.50	-0.5
			e(S)	41 13.20	
HYB	21.29	158	iPc	41 28.00	0.1
GBA	24.63	163	Pc	42 01.60	0.9
	0.6s		7.20nm		4.4mb
NUR	36.66	324	eP	43 47.00	0.1
KJF	36.73	330	eP	43 50.00	2.6
SUF	36.76	328	eP	43 48.00	0.3
HFS	41.91	321	eP	44 30.20	-0.3
	0.6s		2.40nm		4.1mb
NB2	43.22	322	P	44 40.60	-0.7
	0.4s		0.50nm		3.6mb
MBC	66.39	2	eP	47 27.00	-2.1
INK	73.06	9	eP	48 19.00	9.0X
YKA	80.30	2	eP	48 50.70	0.2
	S.D. = 1.3		on 11 of 12 obs.		

MAY 07, 1985 23h 59m 14.45± 1.33s
3.629 N ± 4.7km 126.710 E ± 5.6km
DEPTH = 76.6 ± 12.7 km
5.2mb (15 obs.)
TALAUD ISLANDS (263)

CGP	5.20	337	iPd	00 32.00	0.6
KKM	10.73	283	ePc	01 49.00	1.5
MTN	16.95	165	iPd	03 04.20	-4.0X
	0.5s		85.00nm		5.2mb
			eS	06 09.00	
TRT	18.00	231	ePd	03 20.80	-0.3
GUA	20.50	60	e(P)	03 48.50	-0.2
MOM	21.43	105	eP	03 56.50	-1.6
KLI	23.41	249	eP	04 17.40	0.0
PMG	24.14	123	eP	04 23.00	-1.6
WRA	24.60	163	Pd	04 27.80	-1.2
	0.9s		312.90nm		5.7mb
WB2	24.60	163	iPd	04 28.00	-1.0
			eS	08 49.70	
MBL	25.54	195	iPc	04 38.00	0.2
	0.5s		10.00nm		4.6mb
IPM	25.64	273	ePd	04 38.80	0.0
PPI	26.61	262	eP	04 47.00	-0.7
ISQ	27.28	153	eP	04 54.00	0.3
SSE	27.81	350	eP	04 59.00	0.6
ASPA	28.02	166	eP	04 59.00	-1.4
			eS	09 40.00	
NAU	28.23	202	eP	05 03.00	0.8
WBN	29.59	180	iPd	05 14.40	-0.1
	0.5s		25.00nm		5.2mb
CTA	30.40	142	iP	05 21.00	-0.7
MEK	31.08	194	eP	05 29.00	1.3
BAL	35.36	195	eP	06 05.00	0.4
KLB	36.05	193	eP	06 10.00	-0.4
RMQ	36.76	146	eP	06 16.00	-0.4
MUN	36.79	195	eP	06 17.00	0.4
NWAO	37.45	193	eP	06 22.00	-0.1
BJI	37.48	347	eP	06 22.00	-0.3
STK	38.05	159	iPd	06 27.10	-0.1
	0.7s		82.00nm		5.8mb
LZH	38.58	330	eP	06 31.50	-0.3
CMS	39.38	154	eP	06 37.00	-1.3
ADE	40.01	165	iPc	06 44.20	0.7
	1.0s		44.00nm		5.3mb
COO	41.66	146	eP	06 56.00	-1.1
YOU	42.88	153	iPd	07 07.90	0.9
BFD	43.19	161	eP	07 10.00	0.6
KOU	44.00	125	iPc	07 18.00	1.7
CAN	44.03	153	eP	07 17.40	1.1
WAM	44.71	154	iPd	07 23.20	1.5
PKI	46.01	305	eP	07 32.00	-0.6
KKN	46.20	306	eP	07 33.00	-1.0
	0.5s		7.00nm		4.8mb
DMN	46.27	305	eP	07 34.40	-0.2
	0.6s		9.00nm		4.9mb
NOU	46.61	125	iPd	07 38.50	1.5
HYB	49.13	290	eP	07 56.00	-0.7
			e	08 14.00	
KOD	49.28	280	eP	07 57.00	-1.2
GBA	49.62	285	Pd	07 59.20	-1.3
	0.9s		33.40nm		5.4mb
NDI	53.16	303	eP	08 25.00	-2.0
MSZ	60.55	147	Pc	09 20.00	1.0
	0.8s		63.00nm		5.8mb
KRP	61.24	137	P	09 25.00	1.1
MNG	62.62	140	eP	09 31.00	-2.1
MHI	69.56	307	eP	10 17.00	-0.5
IR2	76.37	306	eP	10 57.00	-0.5
AVY	80.77	250	eP	11 22.70	0.9
IMA	82.48	24	eP	11 32.50	2.7
PME	84.09	29	eP	11 37.00	-0.9
	0.9s		14.60nm		5.0mb
JER	89.40	302	e(P)	12 05.00	0.5
PRNI	89.67	300	eP	12 07.00	1.3
KEV	89.98	340	eP	12 06.00	-0.3
NAI	89.99	269	eP	12 10.00	2.3
	1.0s		35.00nm		5.5mb
INK	90.27	22	eP	12 11.00	3.3X
SOD	90.55	338	eP	12 08.00	-1.0
KJF	90.67	334	iP	12 10.00	0.4
	0.7s		10.70nm		5.2mb
SUF	91.63	333	eP	12 14.00	0.0
	0.7s		2.80nm		4.8mb
MBC	92.05	13	eP	12 17.00	1.2
NUR	92.78	331	eP	12 15.00	-4.3X
SPA	93.60	180	e(P)	12 30.00	6.8X
NB2	98.87	334	P	12 46.80	-0.3
	0.8s		2.30nm		4.8mb
TCA	150.45	160	ePKPd	19 02.00	8.1X
	S.D. = 1.1		on 60 of 65 obs.		

MAY 08, 1985 00h 29m 32.90± 0.71s
43.572 N ± 8.1km 10.945 E ± 7.9km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

MNS	1.74	132	ePg	30 03.40	0.1
CVF	1.82	237	Pn	30 04.60	0.0
			Sn	30 28.80	
SAL	2.06	352	ePn	30 11.20	3.3X
			eSn	30 41.20	
AQU	2.18	123	ePn	30 15.00	5.3X
CTI	2.53	11	e(Pn)	30 15.50	0.8
			eSn	30 51.00	
FRF	3.12	271	Pn	30 22.90	-0.2
			Sn	30 58.70	
VOY	3.23	39	eP	30 24.40	-0.4
			i(Sn)	31 06.00	
KBA	3.89	25	i(Pn)	30 33.80	-0.4
	0.5s		2.10nm		
			i	31 17.60	
			i	31 46.40	
KHC	5.85	17	eP	31 04.70	2.9X
	S.D. = 0.6		on 6 of 9 obs.		

MAY 08, 1985 01h 13m 56.17± 0.62s
17.699 S ± 5.0km 69.911 W ± 8.0km
DEPTH = 127.0 ± 7.2 km
4.6mb (4 obs.)
PERU-BOLIVIA BORDER REGION (118)
Felt (III) at Arica, Chile.

ARE	1.95	309	iPc	14 28.50	-1.6
			iS	14 53.00	
LPB	2.09	56	iPc	14 33.90	2.0
			iS	15 03.00	
ZOBO	2.22	51	iP	14 35.00	1.2
	0.3s		17.31nm		
CCH	3.61	86	iPc	14 51.10	-0.7
			i	15 08.30	
ANT	5.99	184	iP	15 17.30	-6.5X
			eS	16 19.00	
YJA	6.08	138	eP	15 24.00	-1.5
SLA	8.12	150	ePd	15 49.20	-3.6X
JACH	14.93	182	eP	17 20.70	-1.3
MDZ	15.15	177	e(P)	17 24.70	0.0
ROCH	15.24	184	eP	17 27.50	1.5
PEL	15.40	182	eP	17 28.00	0.2
FCH	15.57	181	eP	17 30.00	-0.2
BACH	15.60	182	eP	17 31.50	1.2
PCH	15.86	182	eP	17 34.00	0.3
BAO	21.10	88	P	18 30.90	-1.3
VAO	22.14	108	eP	18 41.30	-1.1
BHO	56.98	335	eP	23 31.20	0.6
RLO	58.61	336	eP	23 41.40	-0.6
TUL	58.68	335	eP	23 42.40	-0.1
	0.9s		12.10nm		4.9mb
ALQ	62.81	327	eP	24 10.00	-0.7
	1.0s		3.75nm		4.3mb
MNT	62.99	357	eP	24 10.00	-1.3
KIC	68.62	76	eP	24 37.70	-10.2X
SPA	72.41	180	eP	25 10.90	0.7
	1.0s		9.00nm		4.5mb
EDM	79.93	335	eP	25 52.50	0.2
YKC	87.25	341	eP	26 30.00	1.0
	0.6s		6.00nm		4.8mb
YKA	87.31	341	eP	26 30.40	1.1
WB2	135.65	214	ePKP	33 04.20	0.3
WRA	135.66	214	PKPc	33 04.20	0.3
	0.6s		1.20nm		
	S.D. = 1.1		on 25 of 28 obs.		

* MAY 08, 1985 01h 58m 00.22± 3.20s
32.817 S ±12.6km 71.695 W ±27.4km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.80	105	iPd	58 11.50	-0.9
			iS	58 21.40	
PEL	0.91	111	iPd	58 16.80	0.1
			iS	58 33.50	
JACH	0.94	82	iPc	58 16.20	-1.0
TACH	1.05	143	iPc	58 18.70	0.0

			iS	58	33.00	
BACH	1.14	118	iPd	58	20.50	0.5
			iS	58	37.20	
LNV	1.16	168	iPc	58	19.30	-0.9
			iS	58	35.50	
PCH	1.27	129	iPc	58	22.50	0.6
FCH	1.28	114	iPd	58	22.70	0.4
			iS	58	41.70	
CHCH	1.41	142	iPc	58	24.60	0.7
MDZ	2.40	92	eP	58	42.50	4.4X
			iS	59	16.20	
RTCB	2.79	62	eP	58	46.00	2.4
			S	59	26.00	
RTCV	2.84	71	eP	58	48.00	3.7X
			S	59	30.00	
RTLL	3.11	62	ePc	58	47.70	-0.5
			S	59	33.70	
TCA	6.21	78	ePc	59	30.40	-1.6
			S	00	46.00	

S.D. = 1.2 on 12 of 14 obs.

• MAY 08, 1985 02h 01m 57.25± 2.34s
33.312 S ± 7.0km 71.686 W ±19.8km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.66	59	iPd	02	09.50	-1.1
LNV	0.68	160	iPc	02	10.20	-0.5
TACH	0.71	119	iPc	02	11.90	0.6
PCH	1.03	108	iPc	02	16.70	0.0
CHCH	1.06	126	iPd	02	17.20	-0.1
JACH	1.11	56	iPc	02	16.10	-2.1
FCH	1.17	91	iPd	02	19.50	0.2
MDZ	2.42	81	iP	02	38.00	0.5
			iS	03	07.80	
RTCV	3.03	62	ePd	02	47.70	1.6
			S	03	33.00	
RTCB	3.05	54	iPc	02	47.20	0.8
			S	03	31.30	
ZON	3.09	56	eP	02	49.00	1.9
RTLL	3.36	55	ePd	02	51.80	0.8
			S	03	40.70	
CFA	3.37	61	ePc	02	51.20	0.1
			S	03	36.50	
TCA	6.32	74	iPc	03	30.90	-1.9
			S	04	48.00	
SLA	10.12	34	e(P)	04	25.00	-0.8

S.D. = 1.2 on 15 of 15 obs.

MAY 08, 1985 03h 46m 37.71± 0.63s
41.907 N ± 6.3km 18.749 E ± 5.3km
DEPTH = 10.0km (geophysicist)
ADRIATIC SEA (382)
ML 3.4 (TTG), 3.3 (PLE).

ULC	0.38	81	iPgd	46	44.10	-1.4
			eSg	46	49.00	
BDV	0.38	9	iPgc	46	46.00	0.5
			iSg	46	51.60	
HCY	0.57	341	iPgc	46	49.50	0.2
			iSg	46	59.00	
TTG	0.65	36	iPgd	46	49.20	-1.4
			iSg	46	59.10	
BRY	1.00	351	ePg	46	57.00	0.2
			eSg	47	14.00	
PLE	1.50	18	ePn	47	06.00	1.2
			ePg	47	07.50	
			eSn	47	28.50	
LCI	1.68	201	ePn	47	06.00	-1.3
			eSn	47	48.00	
OHR	1.73	117	iPn	47	08.70	0.6
SKO	2.01	87	iPn	47	14.00	2.0
VAY	2.92	100	iPn	47	25.00	-0.1
AOU	4.00	278	e(Pn)	48	20.00	39.6X
MNS	4.54	278	ePn	47	50.00	2.0
CEY	4.94	322	ePn	47	54.20	0.4
			iSn	48	52.90	
LJU	5.13	325	ePn	47	57.40	1.0
			eSn	48	58.40	
TRI	5.24	318	eP	47	57.10	-0.8
			i	48	57.70	
			e	49	27.00	
			e	49	31.00	
VOY	5.41	321	ePn	48	00.20	-0.3
			eSn	49	03.30	
KBA	6.45	325	eP	48	15.00	-0.2
	1.1s		9.60nm			4.6mb X
			i	49	06.50	
			i	50	45.40	
CTI	6.58	311	ePn	48	15.70	-1.3
KHC	8.08	335	P	48	36.50	-1.4

S.D. = 1.2 on 18 of 19 obs.

• MAY 08, 1985 04h 01m 47.42± 1.71s
66.275 N ±17.5km 150.069 W ± 8.8km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.5 (PMR).

IMA	1.48	264	iPc	02	14.70	0.5
FBA	1.67	145	iPd	02	16.50	-0.4
TTA	4.22	220	eP	02	52.30	-1.0
TOA	4.52	156	eP	02	58.40	0.9
PME	4.69	174	eP	02	59.10	-0.7
DWY	5.01	112	P	03	04.00	-0.3
PMS	5.06	177	eP	03	06.10	1.0
INK	6.72	65	eP	03	34.00	5.5X

S.D. = 1.0 on 7 of 8 obs.

MAY 08, 1985 08h 12m 52.01± 0.21s
57.659 S ± 6.8km 25.135 W ± 8.8km
DEPTH = 33.0km (normal)
5.3mb (5 obs.) 4.6Msz (2 obs.)
SOUTH SANDWICH ISLANDS REGION (153)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 22C
Centroid Locotion:
Origin Time 08:13: 0.1 0.6
Lat 57.82S 0.07 Lon 25.24W 0.12
Dep 10.0 FIX Holf-durotion 1.8
Moment Tensor; Scole 10**24 D-CM
Mrr= 1.07 0.05 Mtt= 0.06 0.08
Mff=-1.14 0.09 Mrt=-0.15 0.17
Mrf= 1.43 0.18 Mtf= 0.52 0.05
Principol Axes:
T Vol= 1.78 Plg=63 Azm=278
N 0.20 9 168
P -1.98 25 74
Best Double Couple:Mo=1.9*10**24
NP1:Strike=144 Dip=22 Slip= 64
NP2: 352 70 100

SNA	16.00	152	eP	16	34.00	-1.8
	0.8s		100.00nm			5.0mb
SPA	32.52	180	iPc	19	22.00	0.4
	1.0s		106.00nm			5.7mb
VAO	38.06	326	iPc	20	11.10	2.1
			e	20	37.20	
SLA	43.68	301	e(P)	20	53.00	-2.3
SBA	44.55	184	iPc	21	03.00	1.4
YJA	45.89	303	ePc	21	12.20	-1.3
SOB1	49.85	339	ePc	21	44.30	0.5
	0.7s		48.90nm			5.6mb
			i	21	51.00	
ITR	49.86	343	eP	21	44.40	0.6
	1.2s		27.20nm			5.2mb
			i	21	44.80	
			i	21	47.90	
CCH	50.38	306	Pc	21	46.40	-1.8
			e	23	06.00	
LPB	51.99	304	Pc	22	00.00	-0.6
	Z 20s		0.35um			4.4Msz
			S	29	20.00	
			eLR	37	20.00	
BUL	54.03	69	iPd	22	15.90	0.6
KRI	57.33	68	iPd	22	38.00	-1.2
MTD	58.36	70	iPd	22	46.00	-0.4
TET	59.91	72	eP	23	01.00	4.1X
KIC	65.92	22	eP	23	37.30	0.7
BOG	73.47	308	eP	24	22.00	-1.3
UAV	75.89	313	eP	24	35.00	-2.0
SDV	75.94	313	eP	24	37.30	0.0
CAR	76.03	318	eP	24	38.00	0.3
TOV	76.44	315	eP	24	39.80	-0.1
MSZ	77.46	190	P	24	45.00	-0.1
TAU	79.60	174	iPd	24	57.10	0.3
MNG	80.57	196	P	25	01.90	-0.2
KRP	83.20	196	P	25	15.60	-0.2
BFD	84.96	170	eP	25	25.00	0.3
WAM	86.37	175	eP	25	32.40	0.6
STH	86.73	312	eP	25	36.06	2.5
BBJ	87.19	311	eP	25	37.21	1.4
CAN	87.25	175	eP	25	36.00	-0.1

MRWA	87.50	147	eP	25	38.00	0.7
YOU	88.25	175	eP	25	40.90	0.0
WRA	100.82	160	Pdiffd	26	38.00	-0.6
	0.9s		3.00nm			4.8mb
WB2	100.82	160	ePdiff	26	20.70	-17.9X
HYB	111.86	92	ePKP	31	25.00	0.1
ALQ	114.47	297	ePKP	31	29.00	-0.8
	1.0s		4.50nm			
	Z 20s		0.27um			4.8Msz
SDW	119.46	289	PKP	31	39.50	0.3
MSU	120.07	295	PKP	31	41.50	1.1
RSSD	120.69	305	PKP	31	40.50	-0.9
NB2	121.73	20	PKP	31	42.20	-0.3
	1.0s		8.90nm			
RSON	121.85	316	PKP	31	42.20	-0.8
	0.7s		8.75nm			
UPP	121.92	24	iPKP	31	42.10	-0.7
BDW	122.15	300	PKP	31	43.00	-1.2
	0.8s		4.38nm			
FRI	122.65	289	ePKP	31	45.70	0.7
EUR	122.69	293	iPKP	31	45.20	-0.1
	0.5s		1.46nm			
SLD	123.49	288	PKP	31	48.00	1.4
DMN	123.62	91	ePKP	31	47.20	-0.3
	0.8s		25.00nm			
JAS1	123.73	289	ePKP	31	47.80	0.7
PKI	123.76	91	ePKP	31	47.20	-0.7
	0.7s		10.00nm			
ARN	123.86	288	PKP	31	47.50	0.1
KKN	123.86	91	ePKP	31	47.60	-0.4
	0.7s		22.00nm			
MHC	123.91	287	ePKP	31	48.90	1.3
BMN	124.03	293	PKP	31	47.90	0.1
	0.9s		29.30nm			
NUR	124.13	27	iPKP	31	47.50	0.4
	0.7s		13.30nm			
			i	32	54.90	
BKS	124.62	287	ePKP	31	50.50	1.7
	0.9s		73.00nm			
ORV	125.51	289	e(PKP)	31	52.20	1.7
FRB	125.56	338	ePKPd	31	49.50	-0.3
LRM	125.81	301	ePKPc	31	51.80	0.5
MIN	126.16	290	ePKP	31	51.50	-0.5
GAS	126.21	288	PKP	31	53.00	1.0
SUF	126.40	27	iPKP	31	51.60	0.1
	0.9s		7.50nm			
WDC	126.81	289	ePKP	31	52.00	-1.0
FFC	128.02	314	ePKP	31	54.00	-0.8
	0.8s		5.00nm			
KJF	128.03	26	iPKP	31	54.60	0.1
	0.9s		43.90nm			
SOD	130.45	24	ePKP	31	59.00	0.0
			i	35	19.10	
EDM	131.58	307	ePKP	32	01.00	-0.7
PNT	131.69	299	ePKP	32	02.00	0.0
	0.7s		10.00nm			
KEV	132.51	22	ePKP	32	04.00	1.1
SSE	144.79	124	PKP	32	25.40	-1.0
	1.0s		41.00nm			
MBC	145.92	335	ePKP	32	25.00	-2.0
	0.9s		65.00nm			
PNL	147.00	302	ePKP	32	31.90	2.6X
INK	147.75	319	ePKP	32	29.00	-1.1
	0.7s		65.00nm			
BJI	149.59	109	ePKP	32	39.00	5.1X
TOA	150.99	304	iPKPc	32	42.70	7.3X
PMR	152.17	302	PKP	32	44.00	7.0X
	1.0s		52.50nm			
COL	152.43	309	ePKP	32	35.00	-2.4X
			i	32	44.20	
			e	32	55.00	
FBA	152.43	309	ePKP	32	44.20	6.8X
	1.2s		89.80nm			
KDC	152.46	293	ePKP	32	45.10	7.5X
IMA	155.03	311	ePKP	32	51.00	9.9X
SDN	155.59	284	ePKP	32	51.30	9.4X
TTA	155.61	303	PKP	32	45.00	3.1X
BRW	155.97	324	ePKP	32	51.80	9.8X

S.D. = 1.0 on 68 of 81 obs.

& MAY 08, 1985 09h 20m 58.60s
31.960 N 115.870 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.3 (PAS).

IKP	0.72	344	iPc	21	12.00	-0.9

08d 09h

BAR	0.99	317	iPd	21 16.20	-1.5
GLA	1.40	39	eP	21 21.40	-3.3
SDW	2.83	339	eP	21 43.50	-1.8
	4 obs. assaciated				

% MAY 08, 1985 09h 44m 50.22± 1.16s
31.785 S ±18.1km 67.831 W ± 7.0km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.39	297	ePd	44 58.20	0.0
			S	45 04.00	
RTCV	0.61	263	iPc	45 02.30	-0.2
			S	45 10.60	
RTLL	0.71	310	iPd	45 04.00	-0.2
			S	45 14.00	
RTCB	0.88	290	ePc	45 07.60	0.4
			S	45 19.30	
TCA	2.80	82	ePc	45 36.00	0.0
			S	46 16.60	
S.D. = 0.4 on 5 of 5 obs.					

• MAY 08, 1985 11h 18m 59.17± 1.13s
31.336 S ±15.0km 67.715 W ± 7.4km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.65	270	iPd	19 12.00	-0.1
RTCV	0.87	233	iPc	19 14.80	-1.2
RTCB	0.94	261	iPd	19 17.00	-0.1
			S	19 28.50	
MDZ	1.82	212	e(P)	19 30.20	-0.6
TCA	2.67	91	ePc	19 43.00	-0.1
			S	20 13.30	
BACH	3.09	229	iPc	19 50.20	1.2
PEL	3.10	234	iPd	19 49.80	0.8
CHCH	3.58	223	iP	19 56.20	0.2
S.D. = 0.9 on 8 of 8 obs.					

MAY 08, 1985 11h 35m 41.47± 0.41s
29.282 S ± 7.3km 25.039 E ± 7.1km
DEPTH = 5.0km (geophysicist)
4.8mb (8 obs.)
REPUBLIC OF SOUTH AFRICA (584)
Felt at Bloemfontein, Philippolis, Fouresmith and Britstown.

BLF	1.02	81	eP	36 00.00	-1.3
VIR	2.00	54	eP	36 23.80	7.4X
BFS	2.83	33	eP	36 14.70	-13.6X
BPI	4.07	41	iPc	36 46.50	0.5
EVA	4.52	53	iPc	36 58.00	5.7X
JOZ	6.47	75	eP	37 29.50	9.8X
			S	38 40.00	
BUL	9.66	20	iPnc	38 05.80	1.5
			iSn	39 50.20	
			iSg	40 48.50	
WIN	9.78	311	eP	38 06.00	-0.1
KRI	13.09	20	iPnc	38 50.00	-0.9
			iSn	41 12.00	
			iLg	42 30.00	
MTD	13.82	27	iPn	39 00.00	-0.5
			iSn	41 30.00	
			iLg	42 56.00	
TET	15.25	33	iP	39 20.00	0.8
			eSn	42 03.00	
			eSg	43 32.00	
CLY	16.34	36	iPn	39 36.00	2.6X
			iSn	42 33.70	
			eLg	44 20.00	
AVY	23.10	69	eP	40 56.20	6.7X
BNG	34.10	348	iPc	42 32.50	3.2X
	1.0s	23.70nm		5.1mb	
			i	50 17.20	
			i	53 37.20	
SNA	43.89	193	eP	43 50.80	0.6
KIC	45.57	316	eP	44 04.50	0.2
SOB1	64.59	274	ePc	46 21.30	-1.2
	0.7s	4.40nm		4.8mb	
			e	46 24.40	
GBA	66.13	57	Pd	46 38.60	6.4X
	0.6s	5.80nm		5.0mb	
BAO	67.91	264	iP	46 42.40	-1.4
SBA	70.71	172	e(P)	47 00.90	1.0
MZF	77.85	344	eP	47 43.90	2.5X
	0.7s	5.50nm		4.8mb	
SMF	77.97	345	eP	47 44.30	2.2X
	0.6s	4.80nm		4.8mb	
AVF	78.21	345	eP	47 45.60	2.2X
	0.7s	6.20nm		4.8mb	
SSF	78.44	345	eP	47 46.60	2.0X
	0.6s	3.60nm		4.6mb	
BSF	78.49	348	eP	47 49.20	4.1X
LOR	78.55	345	eP	47 47.40	2.1X
	0.7s	2.60nm		4.4mb	
BACH	78.71	238	ePd	47 47.00	0.3
KHC	78.73	352	P	47 49.60	3.4X
PEL	78.95	238	iPd	47 47.80	-0.2
LPB	84.74	254	P	48 19.00	0.2
YKA	137.74	333	ePKP	55 02.70	-5.2X
ALQ	138.85	291	ePKP	55 06.00	-5.1X
INK	138.95	348	ePKP	55 07.00	-3.0X
BDW	141.35	303	ePKP	55 09.90	-5.6X
IMA	143.18	359	ePKP	55 17.00	-0.8
COL	144.08	355	ePKP	55 19.00	-0.1
	0.8s	22.01nm			
			i	55 22.30	
FBA	144.08	355	ePKP	55 18.80	-0.3
	1.0s	3.80nm			
NEW	145.39	314	ePKP	55 22.00	0.1
GLA	145.60	287	PKP	55 24.50	1.7
TTA	146.34	1	PKP	55 27.50	4.4X
	0.8s	8.62nm			
EUR	146.48	298	iPKP	55 27.20	2.9X
	0.8s	19.17nm			
PNT	146.54	317	ePKP	55 28.00	4.2X
	0.9s	23.00nm			
BMN	147.32	300	PKP	55 29.50	4.0X
	0.8s	8.82nm			
PME	147.41	355	ePKP	55 29.70	5.0X
	0.6s	6.10nm			
PMR	147.46	355	PKP	55 28.50	3.7X
SDW	147.55	289	PKP	55 29.50	3.5X
MNA	148.28	297	PKP	55 32.50	5.4X
JAS1	150.10	296	iPKPc	55 37.30	7.6X
MIN	150.63	301	ePKP	55 37.60	7.0X
ORV	150.70	299	ePKP	55 38.80	8.2X
S.D. = 0.9 on 20 of 50 obs.					

? MAY 08, 1985 11h 58m 56.60± 2.71s
47.369 N ±64.9km 152.515 E ±33.8km
DEPTH = 60.0km (geophysicist)
4.7mb (2 obs.)
KURIL ISLANDS (221)

COL	35.93	39	eP	05 52.00	-0.6
			e	06 06.00	
INK	41.36	33	ePc	06 38.20	0.6
YKA	50.67	37	eP	07 51.40	0.1
KKN	55.03	274	eP	08 24.80	0.3
	0.6s	7.00nm		4.9mb	
PKI	55.08	274	eP	08 24.50	-0.5
DMN	55.26	274	eP	08 26.40	0.2
NB2	67.51	341	P	09 47.80	-0.2
	0.7s	5.00nm		4.6mb	
S.D. = 0.5 on 7 of 7 obs.					

& MAY 08, 1985 13h 10m 47.48s
60.012 N 152.400 W
DEPTH = 79.0km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.27	309	iP	10 59.19	-0.5
			eS	11 09.45	
RED	0.45	336	iPd	11 00.60	-0.4
HOM	0.52	133	iPd	11 01.40	-0.1
OPT	0.55	230	eP	11 00.70	-1.1
RDT	0.56	360	eP	11 01.57	-0.4
			iS	11 11.41	
CNPM	0.76	129	iPc	11 03.70	-0.3
BRLK	0.80	107	iP	11 03.74	-0.7
			iS	11 17.70	
AUL	0.82	220	iPc	11 03.40	-1.2
AUH	0.84	220	eP	11 03.66	-1.2
NKA	0.93	38	eP	11 07.35	1.5
			iS	11 21.54	
SPU	1.19	8	iP	11 08.65	-0.5
			eS	11 25.53	
SLKM	1.19	64	eP	11 07.97	-1.2
			iS	11 24.50	
CDD	1.26	211	iPc	11 07.80	-2.2
CRP	1.27	5	eP	11 09.82	-0.4
			iS	11 28.20	
CGLM	1.31	8	iP	11 10.38	-0.4
SEW	1.48	85	eP	11 11.37	-1.5
MPA	1.59	71	iP	11 13.14	-1.2
			eS	11 32.34	
SUA	1.67	28	eP	11 15.24	-0.3
			eS	11 38.28	
PMS	1.87	47	eP	11 17.26	-0.9
PTE	1.88	61	eP	11 17.06	-1.2
SVW	1.93	306	eP	11 16.79	-2.3
SKT	2.02	12	eP	11 18.99	-1.2
PWA	2.06	36	iP	11 20.00	-0.6
PLRM	2.25	44	eP	11 21.48	-1.9
KDC	2.27	181	eP	11 20.07	-3.5
PME	2.31	44	eP	11 22.51	-1.7
KNK	2.39	52	eP	11 23.49	-1.9
GHO	2.45	42	eP	11 24.29	-1.9
MSE	2.48	41	eP	11 24.52	-2.1
CFI	2.57	61	eP	11 25.87	-1.8
SML	2.68	46	iP	11 27.17	-2.2
GLI	2.77	69	eP	11 27.78	-2.7
HIN	2.97	80	eP	11 30.97	-2.3
FID	3.03	73	eP	11 30.26	-3.9
VZW	3.07	67	eP	11 31.95	-2.8
SCM	3.08	51	eP	11 32.68	-2.2
VLZ	3.20	67	eP	11 33.65	-2.7
			eS	12 08.66	
KLU	3.51	62	eP	11 38.00	-2.9
SGAM	3.62	79	eP	11 38.78	-3.5
TOA	3.68	53	eP	11 41.33	-1.9
KMP	3.92	64	eP	11 43.57	-3.0
BALM	5.07	74	eP	12 00.21	-2.5
YAH	5.33	82	eP	12 03.50	-2.9
COL	5.35	22	iP	12 03.60	-2.9
YKA	18.17	66	eP	14 52.30	-3.2
45 obs. assaciated					

• MAY 08, 1985 13h 30m 33.25± 0.46s
62.844 S ± 9.7km 155.692 E ±13.4km
DEPTH = 10.0km (geophysicist)
4.9mb (3 obs.) 5.0Msz (1 obs.)
BALLENY ISLANDS REGION (702)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 24C
Centroid Location:
Origin Time 13:30:43.1 0.2
Lat 62.88S 0.05 Lon 155.27E 0.08
Dep 10.0 FIX Half-duration 2.4
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.29 0.10 Mtt= 2.27 0.14
Mff=-2.56 0.07 Mrt=-0.60 0.29
Mrf=-1.39 0.28 Mtf=-2.03 0.10
Principal Axes:

T	Val= 3.01	Plg= 2	Azm=199
N	0.84	70	104
P	-3.85	20	290

Best Double Couple:Mo=3.4*10**24
NP1:Strike=333 Dip=74 Slip= -13
NP2: 67 78 -164

DRV	7.71	233	eP	32 27.20	-1.0
SBA	15.48	171	eP	34 06.50	-6.3X
			e	00 45.00	
MSZ	19.52	27	P	35 07.00	3.6X
TAU	20.56	342	iPc	35 15.00	0.7
			eS	39 12.00	
MNG	25.20	37	eP	35 58.00	-2.1
SPA	27.31	180	eP	36 19.60	-0.1
	1.0s	22.00nm		4.8mb	
WBN	41.44	319	eP	38 21.50	0.2
ASPA	41.81	329	eP	38 24.00	-0.4
			eS	44 50.00	
MRWA	42.26	304	eP	38 28.00	0.0
CTA	43.21	347	iPc	38 37.30	1.4
	1.0s	21.50nm		4.9mb	
			lS	45 07.00	
WRA	45.31	331	P	38 53.00	0.2
	1.0s	14.30nm		4.9mb	
DAV	73.44	329	eP	42 05.00	-2.2
			eS	51 28.00	
BUL	87.47	229	eP	43 33.00	10.8X
MTD	89.52	232	eP	43 41.00	9.0X
LPB	93.81	138	eP	43 56.00	3.9X
Z 19s		0.52um		5.0Msz	
			LR	14 30.00	
BDW	128.99	71	PKP	49 43.30	1.2

1.3s 12.74nm

LRM	130.21	66	ePKP	49	45.40	1.1
INK	140.23	33	ePKP	49	55.00	-7.1X
FFC	141.31	65	ePKP	50	03.00	-1.5
	0.7s	3.00nm				
KDZ	144.17	257	iPKP	50	08.00	-1.8
PLD	144.83	257	ePKP	50	11.00	0.1
MMB	144.86	256	iPKPd	50	10.00	-1.0
VAY	145.15	254	iPKP	50	10.70	-0.8
PVL	145.45	259	ePKP	50	14.00	2.1
OHR	145.76	252	ePKP	50	14.00	1.4
SKLY	145.87	100	PKP	50	13.00	0.4
VTS	145.90	256	ePKP	50	14.00	1.3
PTN	146.02	98	PKP	50	17.00	4.1X
SKO	146.18	254	iPKP	50	13.00	-0.2
			i	50	14.80	
RSNY	146.21	99	PKP	50	13.30	0.1
MLR	146.92	262	ePKP	50	15.50	1.0
BNH	147.72	102	PKP	50	19.50	3.9X
MBC	148.54	27	ePKP	50	16.00	0.0
MIM	149.22	104	PKP	50	24.50	6.6X
HNME	150.39	104	PKP	50	23.00	3.3X
JOS	151.62	261	iPKPd	50	29.10	7.7X
	1.4s	20.50nm				

S.D. = 1.2 on 25 of 36 obs.

? MAY 08, 1985 13h 35m 53.59± 2.72s
15.705 N ±46.6km 94.753 W ±18.3km
DEPTH = 164.5 ± 9.3 km
4.0mb (3 obs.)
NEAR COAST OF OAXACA, MEXICO (66)

PBJ	0.96	319	iP	36	18.00	-1.7
			iS	36	34.50	
VHO	2.43	309	iP	36	35.50	0.2
			iS	36	59.50	
COM	2.58	77	iP	36	38.00	0.9
			iS	37	03.00	
IIT	4.73	315	iP	37	06.50	1.7
TPM	5.25	309	iP	37	14.50	3.0X
OXM	5.91	308	iP	37	23.00	2.6X
LTX	15.86	330	eP	39	29.00	-0.2
	1.0s	1.80nm			3.4mb	
TUL	20.14	358	e(P)	40	15.80	-0.9
	0.8s	8.30nm			4.2mb	
YKC	48.75	348	eP	44	23.00	-0.1
YKA	48.79	348	eP	44	23.60	0.2
INK	58.05	344	eP	45	32.00	0.8
NB2	83.91	28	P	48	05.20	-0.7
	0.7s	2.60nm			4.1mb	

S.D. = 1.2 on 10 of 12 obs.

& MAY 08, 1985 14h 00m 32.38s
61.724 N 151.373 W
DEPTH = 73.6km
SOUTHERN ALASKA (2)
<AGS-P>.

SKT	0.27	344	eP	00	43.30	-0.7
			iS	00	52.27	
SUA	0.40	131	iP	00	45.19	0.2
			iS	00	55.08	
CGLM	0.52	216	eP	00	45.44	-0.5
CRP	0.59	220	iP	00	46.25	-0.6
			iS	00	57.39	
SPU	0.64	211	iP	00	46.39	-0.7
			eS	00	57.50	
PWA	0.72	95	eP	00	47.52	-0.4
NKA	0.99	176	eP	00	52.61	1.5
PMS	0.99	118	eP	00	50.74	-0.6
PLRM	1.08	96	eP	00	51.24	-1.0
			eS	01	06.64	
PME	1.12	94	iP	00	52.37	-0.5
			eS	01	08.23	
MSE	1.15	83	iP	00	52.62	-0.7
GHO	1.17	87	eP	00	52.79	-0.7
RDT	1.26	204	eP	00	54.26	-0.5
			eS	01	11.60	
SLKM	1.34	155	eP	00	54.79	-1.0
			iS	01	10.09	
PTE	1.42	126	eP	00	55.63	-1.2
KNK	1.43	101	eP	00	55.74	-1.2
			iS	01	14.25	
SML	1.45	85	eP	00	55.78	-1.4
MPA	1.58	141	eP	00	58.14	-0.7
ILM	1.70	205	eP	00	59.96	-0.6
CFI	1.82	106	iP	01	00.30	-1.8
SEW	1.88	149	eP	01	03.38	0.4
SCM	1.93	85	eP	01	02.07	-1.7
BRLK	1.98	173	eP	01	04.26	-0.2
			iS	01	30.15	
SVW	2.13	255	eP	01	05.29	-1.3
TTV	2.15	106	eP	01	04.85	-2.0
GLI	2.23	110	eP	01	05.34	-2.5
VZW	2.41	104	eP	01	08.13	-2.3
TTA	2.48	301	eP	01	09.94	-1.5
TOA	2.49	79	eP	01	10.34	-1.2
VLZ	2.49	102	eP	01	08.29	-3.2
FID	2.56	110	eP	01	09.41	-3.0
KLU	2.62	93	eP	01	10.71	-2.6
KMP	3.04	91	eP	01	15.99	-3.2
SGAM	3.23	110	eP	01	25.58	3.8
COL	3.57	25	eP	01	25.00	-1.5
BALM	4.40	95	eP	01	35.75	-2.5

36 obs. associated

? MAY 08, 1985 14h 52m 53.76± 7.53s
51.186 N ±62.2km 19.732 E ±45.2km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 2.6 (KRA).

KRA	1.14	173	iPgd	53	14.80	-0.3
			iSg	53	24.70	
SPC	2.03	170	i(Pn)	53	27.20	-1.3
			i(Sn)	53	47.40	
KSP	2.20	262	ePn	53	30.50	-0.3
			iPg	53	32.90	
			iS	53	55.00	
JOS	2.74	169	ePc	53	40.00	1.4
PRU	3.52	252	Pg	53	53.00	3.5X
			Sg	54	26.50	
KHC	4.46	245	ePg	54	03.40	0.5
			eSg	54	46.50	

S.D. = 1.4 on 5 of 6 obs.

MAY 08, 1985 17h 10m 41.28± 0.15s
30.910 N ± 3.7km 70.310 E ± 2.8km
DEPTH = 33.0km (normal)
5.4mb (46 obs.) 4.9Msz (3 obs.)
PAKISTAN (710)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 20C
Centroid Location:
Origin Time 17:10:44.9 0.5
Lat 30.67N 0.06 Lon 70.62E 0.06
Dep 33.0 FIX Half-duration 1.8
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.07 0.06 Mtt=-0.22 0.12
Mff=-0.85 0.08 Mrt= 0.61 0.15
Mrf= 1.07 0.18 Mtf=-0.55 0.07
Principal Axes:

	Val=	Plg=	Azm=
T	1.62	66	299
N	0.10	0	30
P	-1.72	24	120

Best Double Couple:Mo=1.7*10**24
NP1:Strike=211 Dip=21 Slip= 91
NP2: 30 69 90

QUE	2.99	257	iPc	11	28.20	0.6
	1.6s	4000.00nm				
			eS	11	55.20	
NDI	6.40	109	iP	12	13.50	-2.2
			eS	13	21.70	
MHI	10.50	304	iPc+	13	13.10	0.5
			eS	15	17.00	
BOM	12.18	169	eP	13	29.00	-6.3X
			eS	15	54.00	
POO	12.73	165	eP	13	42.00	-0.8
			eS	16	36.00	
DMN	13.33	101	iPd	13	45.70	-5.2X
KKN	13.42	100	iPd	13	46.80	-5.3X
PKI	13.60	100	iPd	13	49.00	-5.5X
HYB	15.38	149	eP	14	12.00	-5.6X
			eS	16	55.00	
SHI	15.42	270	eP	14	18.00	-0.2
BOK	15.45	113	iP	14	12.00	-6.4X
			iS	16	56.00	
IR2	16.90	291	iPc	14	38.00	1.0
CAL	18.14	113	eP	14	54.00	1.7
			iS	18	16.00	
GBA	18.43	158	Pd	14	53.10	-2.8
	1.2s	102.40nm			4.9mb	
MDR	20.02	151	eP	15	14.00	-0.2
			eS	19	00.00	
TAB	20.98	296	eP	15	24.00	-0.2
KOD	21.62	161	eP	15	32.00	1.0
			eS	19	27.00	
BHD	22.07	283	iPd	15	34.00	-1.0
			ePP	16	07.00	
			ePPP	16	11.00	
			iS	19	46.00	
			eSS	21	15.00	
			iLR	25	28.00	
TRD	23.16	163	eP	15	46.40	0.6
MSL	23.22	291	eP	15	48.50	2.2
			eS	20	12.00	
RTB	25.50	283	iPd	16	10.00	1.8
			i	16	18.50	
			i	16	30.00	
			eS	20	47.00	
			e	21	11.50	
			eLQ	26	13.00	
			eLR	28	07.00	
LZH	28.35	70	eP	16	35.50	1.0
	2.5s	365.00nm			5.6mb	
E	11s	1.70um				
			eS	20	40.00	
KMI	29.14	93	eP	16	41.00	-0.8
E	10s	2.70um				
			PP	17	42.00	
			S	21	25.00	
			sS	21	55.00	
JER	29.93	281	iPd	16	49.50	0.9
			eS	21	50.00	
PRNI	30.32	278	eP	16	53.50	1.5
KHT	30.48	115	eP	16	53.90	0.4
NST	31.18	112	eP	17	00.00	0.4
LOE	31.54	108	eP	17	02.00	-0.8
ARO	31.90	239	iP+	17	08.08	2.0
NNT	32.69	117	eP	17	13.00	0.1
HLW	33.52	278	eP	17	22.00	2.0
			eS	22	48.00	
YLV	34.34	298	eP	17	26.30	-0.7
EDC	35.48	297	iP	17	37.20	0.5
PSN	35.49	303	iPc	17	38.00	1.4
DMK	35.63	300	iP	17	37.60	-0.4
TLB	35.71	305	ePd	17	49.00	10.5X
CFR	35.71	306	eP	17	38.00	-0.6
JMB	36.54	301	iPc	17	49.00	3.4X
AAE	36.56	240	eP	17	49.30	2.9X
EZN	36.65	296	iPc	17	46.60	0.1
PRK	36.69	295	eP	17	47.30	0.4
VRI	36.81	306	ePd	17	48.00	0.2
BUC	37.06	304	ePd	17	50.00	0.1
CVO	37.18	306	iPc	17	52.00	1.0
MLR	37.30	306	iPc	17	53.00	0.9
KDZ	37.42	299	iPc	17	53.00	0.0
NPS	37.46	289	eP	17	54.70	1.2
PVL	37.62	302	iPd	17	55.00	0.3
CMP	37.90	305	ePd	18	02.00	4.9X
PLD	37.92	300	eP	17	58.00	0.8
BJI	38.09	63	eP	18	00.00	1.4
N	18s	3.10um				
			ePP	19	35.00	
			PcP	20	14.00	
			eS	23	54.00	
			ScP	24	02.50	
			eSS	26	31.00	
			ScS	28	10.00	
MMB	38.63	299	iPd	18	04.00	0.7
ATH	38.74	293	eP	18	04.20	0.1
IPM	39.00	126	ePd	18	00.00	-6.5X
	1.0s	62.30nm			5.3mb	
			i	18	12.30	
VAY	39.50	299	iP	18	10.40	-0.1
KZN	40.13	297	eP	18	16.00	0.2
SKO	40.35	300	iPc	18	17.20	-0.2
	1.3s	120.00nm			5.5mb	
			iS	24	24.00	
OHR	40.84	299	eP	18	20.50	-1.1
JOS	41.33	310	e(P)c	18	26.00	0.6
PSZ	41.70	309	eP	18	27.60	-0.9
KRA	41.91	312	eP	18	30.80	0.7
	1.4s	105.00nm			5.4mb	
Z	17s	2.30um			5.1MszX	
N	17s	1.50um				
E	17s	2.00um				
		e	18	34.30		
		e	18	36.80		

08d 17h

NUR		42.15	328	iP	18	32.40	0.6			0.7s	15.90nm		5.2mb	EVA	69.37	219	eP	21	49.00	0.9
		0.8s		32.30nm			5.1mb	VDL	48.79	307	eP+	19	24.90	-0.4	BPI	69.68	220	eP	21	45.80	-4.2X
	Z	25s		2.10um			4.9MszX	SAX	48.82	308	eP+	19	24.90	-0.7	BFS	70.94	221	IPd	21	57.20	-0.4
				ePP	20	12.00		STU	48.85	310	ePc	19	25.00	-0.5	VIR	71.82	220	e(P)	22	02.00	-0.9
				eS	24	32.00			1.5s		155.56nm		5.8mb	GDH	72.12	342	ePc	22	04.00	0.1
				eScS	28	04.00		LLS	49.09	307	eP+	19	26.10	-1.4		0.9s		33.61nm		5.3mb
				LR	37	10.00		KONO	49.17	324	eP	19	27.90	0.2				e	31	35.00	
KGM		42.42	126	ePc	18	34.90	0.2	SLE	49.37	308	eP+	19	29.20	-0.3	KNA	72.84	121	eP	22	09.00	0.1
SUF		42.46	332	iP	18	34.60	0.2	ZUL	49.46	308	eP+	19	30.20	0.0	BRW	72.84	14	eP	22	08.10	0.0
		0.5s		30.30nm			5.3mb	BUH	49.50	310	eP	19	30.30	-0.2	MBC	72.93	2	eP	22	09.00	0.4
KJF		42.57	334	iP	18	35.50	0.2	CVF	49.61	302	eP	19	30.30	-1.1		0.6s		34.00nm		5.5mb
		0.5s		44.90nm			5.5mb		0.9s		49.10nm		5.5mb	KIC	73.94	268	eP	22	15.60	0.1
	Z	16s		3.70um			5.4MszX	MMK	49.86	306	eP+	19	32.40	-1.2	IMA	77.62	17	eP	22	35.40	-0.2
				iPP	20	19.50		ORO	49.89	306	eP	19	31.00	-2.6	TTA	79.46	20	P	22	45.80	0.2
				eS	24	56.00		CDF	50.15	309	eP	19	34.60	-0.9	INK	79.52	9	IPc	22	46.00	0.3
				eScS	28	04.00			1.0s		13.60nm		4.9mb		0.5s		16.00nm			5.3mb
				LR	40	40.00		DJX	50.24	306	eP+	19	35.80	-0.7	WRA	79.59	121	Pc	22	46.80	-0.1
SRO		42.75	309	iP	18	38.80	1.8	WTS	50.29	314	eP	19	37.00	0.6		1.0s		32.70nm		5.3mb
LCI		43.05	298	eP	18	37.20	-2.3		0.8s		33.00nm		5.4mb	COL	79.99	16	eP	22	48.00	-0.3
SSE		43.29	76	eP	18	42.50	0.9	BSF	50.51	309	IPc	19	37.20	-1.1	FBA	79.99	16	IPc	22	48.50	0.2
	Z	12s		3.10um			5.4MszX		1.0s		48.10nm		5.4mb		0.8s		30.80nm			5.4mb
	N	12s		2.40um				EMS	50.58	306	eP+	19	38.50	-0.4	FRB	80.22	343	eP	22	51.00	1.5
				sP	19	14.00		HAU	50.79	309	IPc	19	39.50	-0.9	ASPA	81.58	124	eP	22	57.00	-0.4
				PP	20	28.00			1.0s		47.60nm		5.4mb	PME	82.44	18	eP	23	01.50	0.2
				eS	25	10.00		WLF	50.80	311	P	19	41.50	1.2		0.8s		17.10nm		5.2mb
				ScS	28	29.00		MEM	50.85	312	P	19	51.20	10.6X	PMR	82.45	18	P	23	00.70	-0.6
SOP		43.93	308	e(P)c	18	46.00	-0.6	ENN	50.89	312	eP	19	42.50	1.5		0.9s		20.83nm		5.2mb
VKA		44.12	309	IPc	18	47.50	-0.6		0.7s		4.00nm		4.5mb	TOA	82.76	16	ePc	23	04.10	1.1
		2.2s		361.00nm			5.8mb	FRF	51.08	303	IPc	19	41.30	-1.3	KDC	84.65	21	eP	23	11.50	-1.0
ORI		44.22	297	eP	18	50.00	1.0	LRG	51.30	303	eP	19	43.00	-1.2	PNL	86.47	15	eP	23	11.50	-10.2X
KSP		44.32	313	eP	18	49.70	0.0	DOU	51.78	312	P	19	47.90	0.1	YKA	86.84	2	eP	23	24.40	1.1
				e	20	33.50					S	27	14.00		RSNT	86.86	2	P	23	23.80	0.4
SOD		44.61	338	iP	18	52.30	0.4	SHK	51.86	68	eP	19	48.50	-0.1	YKC	86.86	2	ePc	23	24.30	0.9
SGO		45.04	298	eP	18	56.50	0.9	UCC	51.88	313	P	19	53.00	4.5X		0.9s		27.00nm			5.5mb
NAI		45.15	231	eP	19	00.00	3.0X	LBF	52.50	308	IPc	19	52.20	-1.1	CTA	88.76	114	IPc	23	33.60	0.4
		1.1s		50.63nm			5.3mb		1.1s		46.10nm		5.4mb		1.2s		21.88nm			5.4mb
UPP		45.23	326	iP	18	56.80	-0.1	LOR	52.54	308	IPc	19	52.30	-1.3	FFC	94.46	356	eP	24	00.00	0.9
				i	20	42.00			1.1s		31.70nm		5.2mb		0.9s		13.00nm			5.4mb
LJU		45.29	306	eP	18	57.90	0.3	SMF	52.63	307	IPc	19	53.40	-0.9	SPA	120.74	180	e(PKP)	29	31.60	0.9
PRU		45.37	311	Pc	18	58.50	0.3	SSF	52.81	308	IPc	19	54.60	-0.9		1.0s		5.50nm			
		2.0s		97.70nm			5.4mb		1.1s		75.70nm		5.6mb	MDZ	145.42	256	ePKP	30	18.00	0.3
	Z	19s		1.20um			4.9Msz	AVF	52.95	308	eP	19	55.80	-0.7	BACH	146.85	255	ePKP	30	22.00	1.9
				e	20	38.50			1.0s		44.50nm		5.4mb	PEL	146.98	256	IPKPc	30	22.60	2.3X
DUI		45.57	300	eP	19	00.00	0.2	GRC	53.07	308	IPc	19	56.80	-0.6		S.D. = 0.9		on 173 of 194 obs.			
KMR		45.57	309	IP+	19	00.00	0.2	BGF	53.33	307	eP	19	58.30	-1.0							
VOY		45.74	306	IPd	19	01.60	0.4		1.0s		29.60nm		5.2mb	*	MAY 08, 1985 17h 25m 54.61± 1.14s						
KEV		45.82	341	eP	19	02.00	0.6	MZF	53.56	307	IPc	20	00.70	-0.3		8.702 S ±11.2km 118.513 E ± 7.6km					
		0.8s		23.50nm			5.2mb	TCF	53.80	307	IPc	20	02.60	-0.2		DEPTH = 116.3 ± 13.8 km					
				ePP	20	40.00		CAF	54.12	305	eP	20	05.10	-0.1		4.6mb (4 obs.)					
				eS	25	48.00			1.3s		95.30nm		5.7mb		SUMBAWA ISLAND REGION						(285)
				eSS	29	00.00		LSF	54.27	307	IPc	20	05.60	-0.7							
TRI		45.84	305	e(P)	19	01.00	-0.9	RJF	54.44	306	eP	20	07.50	0.0	TRT	5.90	279	ePc	27	21.10	0.1
				e(S)	25	44.00		LPO	54.78	305	eP	20	09.80	-0.2		0.7s		133.80nm			5.3mb X
				e(SS)	29	28.00		LDF	55.02	310	eP	20	10.80	-0.9	MBL	12.45	174	IPd	28	48.70	-0.2
KHC		45.96	310	IPd	19	03.50	0.6	LFF	55.05	306	IPc	20	11.50	-0.5		0.4s		18.00nm			5.0mb X
	Z	12s		0.50um			4.7MszX	MLS	55.19	303	eP	20	11.60	-1.5				eS	30	58.00	
	N	13s		0.40um				FLN	55.23	310	eP	20	12.20	-1.0	MTN	13.06	109	eP	28	57.00	0.1
	E	12s		0.40um				BNG	55.27	252	IPc	20	13.50	-0.5				eS	31	13.00	
				e	20	40.50			1.4s		223.20nm		6.0mb	NAU	14.06	192	eP	29	10.00	0.1
KBA		46.10	307	IPc	19	03.80	-0.4	MFF	55.36	308	IPc	20	13.40	-0.8				eS	31	34.00	
		0.8s		29.00nm			5.3mb	GRR	55.53	310	eP	20	14.40	-1.0	MEK	17.81	180	IPc	29	56.80	0.1
				i	19	09.80		EPF	55.71	304	IPc	20	12.00	-4.8X		0.5s		24.00nm			4.7mb
				i	19	22.20		LPF	55.71	310	eP	20	16.20	-0.5				eS	32	55.00	
AQU		46.29	301	eP	19	07.00	1.4	EBR	56.09	301	(P)	20	16.00	-3.5X	WRA	18.96	128	Pd	30	08.40	-1.1
BHG		46.41	308	eP	19	06.00	-0.4	DDR	56.62	65	eP	20	23.90	0.4		0.4s		3.10nm			4.0mb
CLL		46.42	313	IPd	19	07.20	0.8	DAV	56.72	103	eP	20	26.00	1.6	WBN	18.96	157	eP	30	10.00	0.5
		1.9s		61.00nm			5.2mb				eS	28	20.00			0.7s		58.00nm			5.0mb
	Z	17s		1.50um			5.0MszX	SRY	56.79	65	eP	20	23.90	-0.7				eS	33	37.00	
MNS		46.83	301	IPc	19	10.00	0.3	TSK	57.27	64	eP	20	26.00	-2.0	MRWA	20.55	186	eP	30	25.00	-0.9
HFS		47.22	325	eP	19	11.50	-1.1	KYS	57.59	66	eP	20	30.20	0.0				eS	34	05.00	
		0.5s		19.70nm			5.4mb	LGR	57.88	303	eP	20	32.00	-0.2	ASPA	20.94	137	IPd	30	30.80	0.9
MOX		47.27	312	IPd	19	14.00	0.8	DLE	58.26	317	eP	20	33.10	-1.5				eS	34	16.00	
		2.0s		186.00nm			5.7mb		1.3s		63.00nm		5.5mb	BAL	21.86	184	eP	30	39.00	0.1
	Z	18s		1.30um			4.9Msz	DMU	58.36	317	eP	20	33.30	-2.1				eS	34	38.00	
	N	19s		1.00um					1.3s		105.00nm		5.8mb	KLG	22.14	173	IPc	30	41.90	0.2
	E	18s		0.50um				TET	58.62	222	IP	20	38.00	0.4	KLB	22.79	182	IPc	30	48.50	0.6
				eS	26	10.00		TOL	59.68	301	eP	20	45.00	0.3				eS	34	58.00	
				eSS	29	55.00					e	28	58.00		MUN	23.26	185	eP	30	52.00	-0.5
CTI		47.30	306	IPc	19	13.80	0.2	DAG	59.96	345	IPd	20	45.70	-0.5				eS	35	09.00	
GRF		47.51	311	IPc	19	15.60	0.5		0.9s		36.13nm		5.5mb	NWAO	24.14	183	IPc	31	01.20	0.2
		1.8s		185.00nm			5.8mb	MTD	60.29	224	IPd	20	49.00	-0.2		0.5s		11.00nm			4.6mb
	Z	19s		1.20um			4.9Msz	KRI	61.51	225	IPd	20	57.00	-0.6				eS	35	31.00	
BAG		47.87	96	eP	19	19.00	0.5	AKU	61.63	332	IP	21	03.30	5.6X	RKG	25.28	183	eP	31	17.00	5.2X
SAL		48.11	305	eP	19	20.00	0.2		1.3s		61.54nm		5.6mb					eS	36	11.00	
TRO		48.20	338	eP	19	22.00	1.9	MTE	62.08	302	IPd	21	01.60	0.5	SBA	73.36	171	eP	37	14.90	-0.1
OSS		48.31	307	eP+	19	20.70	-0.9	BUL	64.66	224	IPd	21	18.90	0.5	YKA	114.12	24	ePKP	44	18.90	-2.5X
NB2		48.60	326	P	19	19.80	-3.6X	SLR	69.20	220	eP	21	46.00	-1.0	ITR	151.21	234	ePKP	45	34.80	4.3X

0.8s 6.50nm
S.D. = 0.6 on 15 of 18 obs.

• MAY 08, 1985 20h 05m 01.64± 1.11s
32.809 S ± 9.1km 177.548 W ±16.2km
DEPTH = 33.0km (normal)
4.9mb (3 obs.)
SOUTH OF KERMADEC ISLANDS (179)

ONE	7.32	244	eP	06	50.00	1.1
KRP	7.61	226	P	06	51.00	-2.0
			e	08	15.00	
CRZ	8.31	256	P	07	04.80	2.0
MNG	9.59	214	P	07	14.00	-6.4X
			S	08	55.10	
WEL	10.45	214	P	07	27.80	-4.4X
			S	09	16.00	
TCW	10.63	216	P	07	26.10	-8.5X
			S	09	14.00	
KAI	13.05	219	P	08	07.60	0.4
			S	10	16.00	
SVA	15.07	345	eP	08	33.60	-0.2
VUN	15.17	345	eP	08	34.80	-0.4
SGE	15.70	344	iPd	08	43.10	1.0
MSZ	16.37	219	P	08	46.00	-4.3X
			S	11	33.00	
NOU	17.60	302	iPc	09	09.40	3.4X
KOU	20.27	302	iPd	09	37.90	0.8
COO	26.06	267	eP	10	37.00	3.1X
CAN	27.75	255	eP	10	50.80	1.5
			e	11	52.00	
WAM	27.79	254	eP	10	38.50	-11.1X
			i	11	46.30	
YOU	28.36	258	eP	10	55.80	1.0
RMQ	29.87	273	eP	11	10.00	1.6
CMS	30.94	262	eP	11	18.00	0.2
HNR	31.19	313	eP	11	19.00	-1.1
BFD	32.81	251	eP	11	35.00	0.9
CTA	34.63	282	iPd	11	50.60	0.6
	0.5s		7.04nm			4.8mb
			IS	17	06.00	
ADE	36.16	254	iPc	12	04.40	1.5
ASPA	43.42	269	eP	13	02.00	-1.1
MDG	43.81	301	eP	13	06.00	-0.3
WRA	44.62	274	Pc	13	11.40	-1.4
	0.4s		6.60nm			4.8mb
SBA	45.67	185	iPd	13	23.90	3.4X
WBN	48.63	263	eP	13	43.00	-1.4
KNA	51.27	276	eP	14	14.00	9.4X
NWAO	53.94	251	iPd	14	29.40	5.1X
KLB	53.96	253	eP	14	23.00	-1.5
MUN	55.07	252	eP	14	31.00	-1.7
MEK	55.12	259	eP	14	32.00	-1.2
MBL	56.29	265	iPc	14	39.10	-2.5
SPA	57.37	180	eP	14	51.00	2.1X
	1.0s		23.00nm			5.2mb
			e	16	06.50	
NAU	59.31	262	eP	15	01.50	-1.3
MAW	70.20	201	eP	16	20.00	7.3X
SYO	74.88	193	eP	16	54.90	14.6X
SNA	77.12	178	eP	16	54.60	1.8
MBC	114.67	13	ePKP	23	29.00	-10.1X
BUL	121.71	209	iPKPc	24	03.50	9.2X
MTD	123.36	214	ePKP	24	08.00	10.5X
KRI	124.22	212	ePKP	24	08.00	8.7X
MHI	133.47	291	ePKP	24	29.00	12.6X
IR2	140.17	288	(PKP)	24	20.00	-8.9X
KEV	140.55	347	ePKP	24	50.00	21.7X
SOD	142.61	345	ePKP	24	43.00	10.9X
KJF	144.90	341	iPKP	24	36.00	0.0
	0.9s		22.00nm			
			i	24	45.00	
SUF	146.50	340	iPKP	24	40.30	1.5
	0.4s		8.90nm			
BNG	148.01	211	iPKPd	24	47.60	4.9X
	1.4s		20.90nm			
NUR	148.70	339	iPKP	24	47.00	4.7X
	1.0s		46.00nm			
			i	25	02.20	
UPP	151.13	344	iPKP	25	01.80	15.8X
			i	25	16.60	
NB2	151.18	351	PKP	24	50.50	4.3X
	0.8s		13.50nm			
HFS	151.67	348	ePKP	24	53.60	6.8X
	0.5s		2.50nm			
	Z 16s		0.20um			5.0MszX
			LR	23	23.00	

HRI	152.15	280	ePKP	25	05.00	16.4X
PRNI	152.22	274	ePKP	25	05.50	16.9X
BHL	152.31	281	PKP	25	05.50	16.8X
KIC	152.85	164	ePKP	24	59.10	9.2X
VAY	161.87	304	ePKP	25	22.00	22.0X
	S.D. = 1.4 on 28 of 59 obs.					

MAY 08, 1985 20h 27m 58.80± 0.12s
21.823 S ± 4.0km 139.048 W ± 4.2km
DEPTH = 0.0km (geophysicist)
5.7mb (30 obs.) 5.4Msz (1 obs.)
TUAMOTU ARCHIPELAGO REGION (631)

SGE	40.63	268	eP	35	43.00	0.4
KRP	42.09	237	P	35	55.00	0.8
MNG	42.63	233	P	36	00.00	1.3
	1.1s		99.00nm			5.5mb
TCW	43.65	233	P	36	07.00	0.1
NOU	50.27	259	iPc	37	00.70	1.4
KOU	52.59	260	iPc	37	16.70	-0.2
TPM	56.34	47	eP	37	44.50	0.0
VHO	56.79	50	ePc	37	46.50	-1.2
PBJ	57.22	52	iPc	37	51.50	0.9
GLA	59.27	24	P	38	05.30	0.7
SDW	59.88	21	P	38	08.90	0.0
PRS	60.21	16	eP	38	11.70	0.7
PRI	60.22	17	eP	38	12.00	0.8
WKTM	60.54	19	P	38	14.00	0.7
LLA	60.59	17	eP	38	14.30	0.7
GCC	60.71	16	eP	38	14.90	0.6
PCC	61.06	15	eP	38	17.20	0.5
MHC	61.09	16	eP	38	18.00	0.9
ARN	61.13	16	P	38	18.30	1.0
LTX	61.22	35	P	38	18.60	0.4
FRI	61.28	18	eP	38	18.60	0.4
BKS	61.45	15	eP	38	20.10	0.7
	1.0s		65.00nm			5.8mb
SBA	61.55	191	e(P)	38	20.00	0.3
JAS1	61.96	17	iPc	38	23.40	0.5
MDZ	62.32	117	eP	38	26.20	0.6
MNA	63.06	18	eP	38	31.00	0.6
ORV	63.22	15	eP	38	31.00	-0.2
WAM	63.34	239	iPc	38	31.90	-0.3
CAN	63.38	240	eP	38	32.70	0.1
WCN	63.44	17	P	38	33.70	0.8
TAU	63.70	232	iPd	38	34.90	0.4
MIN	63.95	15	eP	38	32.20	-4.0X
WDC	63.96	14	iPc	38	36.00	0.0
YOU	64.04	241	eP	38	36.60	-0.4
JCT	64.23	37	eP	38	38.00	-0.1
ALQ	64.38	29	iPc	38	39.00	-0.1
	1.0s		45.00nm			5.7mb
EUR	64.69	20	iP	38	41.50	0.3
BMN	65.19	18	P	38	44.60	0.4
	1.0s		53.75nm			5.7mb
RMQ	65.26	250	eP	38	45.00	0.1
TOO	65.81	237	iPc	38	47.80	-0.5
	1.0s		67.00nm			5.8mb
DUG	66.37	22	P	38	52.40	0.6
CMS	66.68	244	iPc	38	53.60	-0.3
	1.0s		69.00nm			5.8mb
LPB	66.71	99	iPc	38	55.10	0.3
	1.0s		60.00nm			5.8mb
YJA	67.50	106	ePd	39	00.80	1.0
BFD	68.19	237	eP	39	03.00	-0.4
CCH	68.25	101	Pd	39	05.00	0.6
	0.8s		1.10nm			4.1mb X
SPA	68.31	180	eP	39	03.90	0.1
	1.0s		10.50nm			5.0mb
GOL	68.81	27	P	39	07.40	0.0
	1.0s		32.50nm			5.5mb
GLD	68.92	27	P	39	08.20	0.3
CTA	69.10	256	iPc	39	09.50	0.2
	1.2s		252.34nm			6.3mb
BFW	69.48	12	P	39	11.20	0.1
BHO	69.92	38	iPc	39	12.70	-1.2
	0.7s		14.80nm			5.2mb
STK	70.11	243	eP	39	15.00	-0.3
TUL	70.51	56	e(P)	39	15.60	-1.9
	1.3s		62.60nm			5.6mb
	N 21s		0.25um			
	E 22s		0.35um			
RLO	71.13	36	iPc	39	20.00	-1.2
PGC	71.53	11	ePd	39	23.70	0.4
LRM	71.53	19	iPc	39	24.40	0.6
PMG	71.59	267	eP	39	24.00	-0.5
ADE	71.71	239	iPd	39	24.30	-0.7

	1.0s		32.00nm			5.4mb
NEW	72.48	15	eP	39	29.00	-0.2
	1.0s		45.00nm			5.6mb
OLY	72.68	39	P	39	30.00	-0.5
PNT	72.90	13	eP	39	31.00	-0.6
	1.1s		67.00nm			5.7mb
PHC	72.93	8	eP	39	31.50	-0.1
POW	73.29	39	P	39	33.60	-0.5
MDG	74.31	271	eP	39	40.00	-0.5
FVM	75.00	38	P	39	43.20	-0.7
SES	76.05	18	ePc	39	49.80	0.1
PRM	77.44	45	P	39	57.90	0.1
EDM	77.99	15	iPc	40	00.10	-0.3
	1.0s		217.00nm			6.2mb
HBF	78.09	47	P	40	02.00	0.7
SIT	78.63	2	eP	40	04.30	0.6
ASPA	78.97	249	eP	40	05.00	-1.5
WRA	79.80	253	Pc	40	10.60	-0.5
	1.1s		29.30nm			5.1mb
KDC	80.06	353	eP	40	11.40	-0.1
ADK	80.44	337	eP	40	13.70	0.0
BLA	80.58	44	P	40	15.20	0.3
FFC	82.59	21	eP	40	23.10	-1.8
	1.0s		13.00nm			5.1mb
RSON	82.64	27	P	40	24.00	-1.2
	1.1s		72.67nm			5.8mb
LHC	82.87	31	eP	40	25.50	-0.9
SNA	83.20	166	iPd	40	23.30	-4.6X
	1.0s		60.00nm			5.8mb
PMR	83.52	355	P	40	39.20	9.8X
	1.1s		96.88nm			5.9mb
VAO	83.54	112	eP	40	31.10	0.5
			e	40	35.40	
PME	83.54	355	ePc	40	29.60	0.0
	1.0s		37.00nm			5.6mb
WBN	84.36	244	eP	40	34.50	-0.2
BAO	85.27	105	P	40	39.80	0.3
TTA	85.53	352	ePc	40	39.70	0.0
PRIN	86.04	44	P	40	42.40	-0.2
RSNT	86.24	11	P	40	43.10	0.0
	1.1s		87.21nm			5.8mb
KNA	86.24	255	eP	40	45.00	0.9
YKA	86.25	11	eP	40	43.40	0.3
YKC	86.26	11	ePc	40	42.90	-0.3
	1.0s		90.00nm			5.9mb
COL	86.71	356	iP	40	44.80	-0.5
	1.2s		70.31nm			5.7mb
FBA	86.71	356	ePc	40	44.80	-0.5
	1.2s		62.50nm			5.7mb
TBR	86.77	43	P	40	46.00	-0.2
SKLY	88.27	41	P	40	52.90	-0.4
IMA	88.32	354	eP	40	52.90	-0.4
RSNY	88.43	40	P	40	53.60	-0.5
	1.0s		65.00nm			5.9mb
NWAO	89.16	235	eP	40	58.00	0.0
KLB	89.33	236	iPd	40	59.00	0.2
MAW	89.37	188	eP	40	58.00	-0.3
INK	89.94	2	eP	41	00.00	-0.6
MUN	90.35	235	eP	41	04.00	0.4
BNH	90.44	41	P	41	03.20	-0.4
BAL	90.57	237	iPd	41	04.80	0.2
MRWA	91.73	238	eP	41	10.00	0.0
MBL	91.98	246	eP	41	11.00	-0.2
	0.7s		4.00nm			4.9mb
SOB1	94.09	102	eP	41	20.90	-0.2
	1.0s		16.20nm			5.3mb
			e	41	22.80	
			e	41	31.10	
ITR	96.51	102	eP	41	31.70	-0.4
	1.0s		4.00nm			5.0mb
MBC	98.60	5	eP	41	40.00	-0.1
FRB	101.13	25	ePdiff	41	51.00	-0.8
NNT	123.38	271	ePKP	47	00.10	-0.2
LZH	124.03	300	ePKP	47	00.50	-0.8
KHT	125.09	273	ePKP	47	03.70	0.1
KIC	133.30	102	ePKP	47	19.70	0.3
SOD	133.57	8	iPKP	47	17.30	-1.0
NB2	135.69	20	PKP	47	14.20	-8.4X
	0.8s		2.30nm			
HFS	137.17	20	ePKP	47	16.80	-8.6X
	0.6s		1.00nm			
SUF	137.90	10	ePKP	47	17.00	-9.7X
PKI	139.37	287	ePKP	47	21.20	-9.7X
	0.9s		23.00nm			
UCC	139.38	36	PKPc	47	30.60	0.9
KKN	139.49	288	ePKP	47	21.80	-9.1X
	0.9s		18.00nm			

08d 20h

DMN	139.64	287	ePKP	47 22.70	-8.6X
	0.8s	13.00nm			
NUR	139.68	12	ePKP	47 20.00	-9.9X
	0.9s	27.00nm			
			i	47 29.90	
DOU	139.88	36	PKP	47 23.80	-6.8X
WTS	139.99	33	ePKP	47 23.00	-7.7X
	0.9s	12.00nm			
WTS	139.99	33	ePKP	47 31.50	0.8
	1.0s	28.00nm			
ENN	140.24	35	ePKP	47 31.80	0.6
	1.0s	24.00nm			
GRC	140.35	41	iPKPc	47 23.10	-8.5X
			i	47 31.20	
MEM	140.37	35	PKPc	47 31.20	-0.2
MTD	140.55	166	ePKP	47 24.00	-8.9X
			i	47 36.00	
WLF	140.96	36	PKPc	47 25.90	-6.6X
BUH	142.64	36	ePKP	47 30.90	-4.8X
KOD	143.16	258	ePKP	47 34.50	-3.4X
MOX	143.20	31	iPKP	47 32.50	-4.0X
	1.5s	45.00nm			
			e	49 22.00	
EMS	143.27	41	ePKPd	47 33.30	-3.7X
SLE	143.30	37	ePKPd	47 32.70	-4.1X
ZUL	143.40	38	ePKPd	47 33.20	-3.8X
CLL	143.41	30	iPKPc	47 33.60	-3.2X
HOF	143.54	32	ePKP	47 33.30	-3.8X
	1.0s	44.00nm			
DIX	143.56	40	ePKPd	47 34.70	-2.9X
GRF	143.62	33	iPKPc	47 34.30	-3.0X
MMK	143.90	40	ePKPd	47 36.30	-1.9
SAX	144.06	37	ePKPd	47 36.20	-2.3X
LLS	144.08	38	ePKPd	47 36.40	-2.0
ORO	144.13	41	iPKPc	47 35.50	-2.9X
GBA	144.37	263	PKPc	47 36.70	-2.7X
	0.3s	4.40nm			
HYB	144.37	270	iPKPc	47 38.00	-1.5
	1.0s	50.00nm			
VDL	144.56	38	ePKPd	47 38.20	-1.0
FUR	144.59	35	iPKPc	47 37.50	-1.5
	1.2s	117.00nm			
WET	144.80	32	iPKPc	47 37.90	-1.4
	1.2s	119.00nm			
OSS	144.83	38	ePKPd	47 38.90	-0.7
GAP	144.89	36	ePKP	47 38.60	-0.9
	0.9s	105.00nm			
PRU	145.03	30	iPKPc	47 38.60	-1.0
	1.0s	166.20nm			
KHC	145.15	32	iPKPc	47 39.50	-0.4
	1.1s	188.00nm			
			e	47 52.90	
KSP	145.21	28	iPKPc	47 39.20	-0.7
	1.0s	142.00nm			
OGA	145.23	37	iPKPc	47 39.90	-0.4
	1.0s	114.00nm			
SCE	145.50	36	iPKPc	47 40.60	-0.2
	1.0s	221.00nm			
SAL	145.66	39	ePKP	47 41.00	0.2
BHG	145.71	34	iPKPc	47 40.90	0.0
	1.1s	305.00nm			
CTI	146.05	38	iPKPc	47 42.00	0.4
KMR	146.14	33	iPKP+	47 43.00	1.4
KBA	146.36	35	ePKP	47 41.00	-1.2
	1.2s	70.80nm			
			ic	47 42.40	
			i	47 44.80	
			i	47 52.00	
			i	48 09.40	
			e(PP)	51 04.00	
NDI	146.59	289	iPKPc	47 43.50	0.6
	0.7s	106.16nm			
VKA	147.07	31	iPKPc	47 45.00	2.0
	1.0s	142.00nm			
			e	48 24.00	
VOY	147.31	36	e(PKP)	47 44.00	0.4
KRA	147.32	25	iPKPc	47 43.80	0.4
	1.2s	252.00nm			
			i	47 46.00	
			i	47 49.50	
TRI	147.44	37	iPKPc	47 45.90	2.2X
SOP	147.59	31	e(PKP)	47 44.00	0.1
LJU	147.65	35	iPKPc	47 46.80	2.7X
			e	48 21.90	
SRO	148.33	30	ePKP	47 46.30	1.3
			i	47 49.30	
MNS	148.71	43	iPKPc	47 49.20	3.4X
JOS	148.79	27	ePKPd	47 46.40	0.6
BUD	148.90	29	ePKPc	47 50.00	4.0X
	1.2s	123.90nm			
DUI	150.21	42	ePKP	47 58.50	10.4X
SGO	151.36	43	e(PKP)	47 56.00	6.1X
BNG	152.24	125	iPKPd	47 51.60	-0.4
	1.5s	56.00nm			
			i	47 58.10	
			i	48 07.60	
COZ	152.89	26	ePKP	48 00.00	7.8X
CMP	153.22	25	ePKPc	47 57.00	4.5X
MLR	153.38	24	ePKPd	47 53.00	0.2
SKO	154.07	35	iPKP	47 54.00	0.3
	Z 20s	0.57um		5.4Msz	
			iPKKP	48 01.00	
			i	48 15.00	
OHR	154.32	37	ePKP	47 55.20	1.0
			iPKKP	48 02.50	
			e	48 16.50	
VTS	154.51	32	ePKP	47 55.00	0.8
PVL	155.00	28	iPKPd	47 56.00	1.1
VAY	155.13	34	iPKP	47 55.30	0.2
QUE	155.24	295	ePKP	47 56.00	0.1
KDZ	156.27	30	iPKP	47 57.00	0.3
MHI	158.36	316	ePKP	48 01.00	1.4
JER	168.84	26	ePKP	48 10.00	0.9
PRNI	169.97	31	ePKP	48 10.00	0.2
	S.D. = 0.7	on 153 of 189 obs.			

MAY 08, 1985 21h 03m 14.73± 0.64s
42.520 N ± 9.4km 13.287 E ± 5.8km
DEPTH = 25.2 ± 10.9 km
CENTRAL ITALY (381)
ML 3.2 (KBA).

AQU	0.19	153	ePg	03 20.00	-0.3
MNS	0.47	254	iPgc	03 23.60	-0.8
DUI	1.22	134	ePn	03 39.30	3.1X
TRI	3.21	6	eP	04 07.30	2.7
			i	04 41.30	
			i	04 55.00	
			i	05 04.30	
CVF	3.26	272	Pn	04 05.80	0.3
CEY	3.32	14	eP	04 12.80	6.6X
			eSn	04 44.60	
VOY	3.54	7	ePn	04 15.00	5.6X
			i(Sn)	04 55.80	
LJU	3.63	14	e(Pn)	04 10.40	-0.3
	1.0s	110.00nm			
			eSn	04 50.50	
SAL	3.67	328	e(Pn)	04 12.00	0.8
			eSn	04 55.00	
CTI	3.72	342	ePn	04 11.00	-1.0
			eSn	04 55.00	
HCY	3.86	89	ePn	04 12.00	-1.8
			eSn	04 59.00	
BRY	3.89	83	ePn	04 14.50	0.0
			eSn	05 00.00	
TTG	4.42	89	ePn	04 21.00	-0.8
			eSn	05 14.00	
KBA	4.56	0	ePn	04 23.00	-1.0
			iPg	04 31.50	
			i	04 44.50	
			iSn	04 57.70	
			iSg	05 13.30	
OGA	4.64	340	eP	04 25.40	0.3
SCE	4.66	347	ePn	04 25.50	0.1
FRF	4.98	284	Pn	04 29.10	-0.7
LRG	5.17	283	Pn	04 32.40	0.0
OHR	5.79	102	ePn	04 41.50	0.3
SKO	6.08	92	ePn	04 45.00	-0.3
KHC	6.62	2	eP	04 50.50	-2.4
			e	06 03.80	
VAY	7.03	97	ePn	04 58.30	-0.3
CDF	7.25	326	Pn	04 59.30	-2.5
HAU	7.35	321	Pn	05 01.70	-1.4
	S.D. = 1.2	on 21 of 24 obs.			

MAY 08, 1985 22h 11m 24.54± 0.65s
21.820 S ± 6.9km 68.852 W ± 9.6km
DEPTH = 143.1 ± 11.2 km
4.3mb (2 obs.)
CHILE-BOLIVIA BORDER REGION (124)

ANT	2.37	217	IP	12 04.30	0.2
YJA	3.13	97	IPc	12 14.70	0.4
			S	12 51.00	
SLA	4.23	134	ePd	12 31.00	2.4X
			S	13 22.80	
CCH	5.10	31	Pc	12 40.60	0.2
	0.7s	10.50nm		4.2mb	
LPB	5.31	8	eP	12 44.00	0.7
			i	13 04.30	
			S	13 47.00	
ARE	5.88	334	eP	12 50.00	-0.9
			eS	13 51.00	
TCA	10.22	159	ePd	13 48.00	-0.7
ITB1	13.59	105	eP	14 39.00	6.4X
ITB	13.78	105	eP	14 41.70	6.7X
VAO	20.27	97	eP	15 50.30	-0.5
			i	15 51.60	
			e	15 55.40	
BAO	20.68	76	P	15 54.70	-0.4
ALQ	66.79	327	eP	22 07.50	4.6X
	0.9s	6.30nm		4.5mb	
SPA	68.31	180	e(P)	22 13.00	1.0
FRB	85.28	0	eP	23 50.00	4.3X
YKC	91.45	341	eP	24 20.00	4.9X
YKA	91.50	341	eP	24 21.20	5.9X
WRA	132.70	210	PKPc	30 31.10	6.5X
	0.6s	2.20nm			
GBA	146.92	99	PKPc	30 56.20	6.0X
	0.5s	5.90nm			
	S.D. = 0.8	on 9 of 18 obs.			

? MAY 08, 1985 22h 55m 45.18± 2.29s
18.393 S ±36.5km 178.076 W ±42.7km
DEPTH = 649.0 ± 14.3 km
4.2mb (2 obs.)
FIJI ISLANDS REGION (181)

SGE	3.89	281	IPc	57 14.00	0.0
AFI	7.52	55	e(P)	59 09.00	86.8X
CAN	33.67	233	IPc	01 36.70	-0.2
WAM	34.08	232	IPc	01 40.40	0.2
WRA	44.86	260	Pd	03 06.50	0.1
	0.6s	4.70nm		4.1mb	
ASPA	44.97	255	eP	03 07.00	-0.2
WBN	51.48	251	eP	03 55.00	-0.5
	0.5s	9.00nm		4.4mb	
NAU	61.92	254	eP	05 07.00	0.7
COL	86.21	12	iP	07 20.40	-0.1
	S.D. = 0.5	on 8 of 9 obs.			

MAY 08, 1985 23h 14m 01.69± 1.55s
53.935 N ±11.8km 165.002 W ± 7.9km
DEPTH = 41.8 ± 12.9 km
4.6mb (9 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)
ML 5.1 (PMR).

SDN	2.97	60	eP	14 49.80	2.3
ADK	7.36	259	eP	15 48.90	-0.3
KDC	8.01	56	eP	15 56.00	-2.3
TTA	10.16	24	eP	16 30.70	2.6
PMS	11.04	42	eP	16 38.80	-1.1
PME	11.47	41	eP	16 43.90	-1.7
TOA	12.86	43	eP	17 03.30	-1.0
IMA	13.39	20	eP	17 16.90	5.6X
COL	13.99	31	eP	17 26.00	7.0X
PNL	15.09	57	e(P)	17 34.50	1.0
INK	20.59	34	eP	18 38.00	-1.1
YKA	27.22	51	eP	19 44.90	1.8
YKC	27.28	51	eP	19 45.00	1.4
WDC	31.26	98	eP	20 19.50	0.1
ORV	32.53	98	eP	20 29.50	-1.0
JAS1	34.24	99	eP	20 45.70	0.3
MNA	35.23	97	eP	20 54.00	0.0
EUR	35.83	93	IP	20 59.50	0.3
	0.2s	18.98nm		5.7mb X	
ALQ	44.50	91	eP	22 10.00	-0.8
	1.2s	6.64nm		4.3mb	
DAG	47.81	10	IPc	22 36.30	0.1
	0.9s	8.40nm		4.8mb	
KEV	56.31	355	eP	23 40.00	0.1
SOD	58.70	355	eP	23 56.00	-0.8
KJF	61.79	354	eP	24 17.00	-0.9
SUF	63.36	354	IP	24 27.80	-0.5
	0.5s	3.30nm		4.7mb	
NB2	65.33	2	P	24 38.60	-2.6
	0.7s	2.30nm		4.3mb	
NUR	65.65	355	eP	24 43.00	-0.1
	0.5s	11.20nm		5.2mb	
HFS	66.28	1	eP	24 46.30	-0.8

0.7s 6.40nm 4.8mb
KHC 77.30 1 P 25 55.20 2.2
KKN 78.62 302 eP 26 01.50 0.7
PKI 78.74 301 eP 26 00.90 -0.7
0.8s 5.00nm 4.5mb
DMN 78.86 302 eP 26 03.40 1.2
0.9s 9.00nm 4.7mb
KBA 79.35 1 e(P) 26 05.50 1.1
0.9s 4.70nm 4.5mb
OHR 85.20 356 eP 26 35.20 0.6
GBA 94.45 300 P 27 30.00 11.5X
0.9s 6.20nm
MTD 140.74 334 ePKP 33 38.00 9.4X
BUL 144.69 338 iPKPc 33 24.10 -11.3X
SLR 150.15 335 ePKP 33 49.00 4.9X
S.D. = 1.4 on 31 of 37 obs.

& MAY 08, 1985 23h 40m 18.20s
31.740 N 115.810 W
DEPTH = 6.0km (geophysicist)
5.1mb (12 obs.)
BAJA CALIFORNIA (48)
<PAS-P>. ML 5.0 (PAS). Felt (IV) at Ramona, California. Felt (III) at Calexico, Chula Vista, El Centro, Lakeside and National City, California.

IKP 0.94 344 iPc 40 35.60 -1.0
BAR 1.19 322 iPd 40 39.90 -0.9
GLA 1.55 32 P 40 45.50 -0.9
SLBC 1.76 316 eP 40 49.80 0.4
HAY 1.97 4 iPd 40 51.40 -1.1
TPC 2.37 355 iPc 40 57.50 -0.8
SDW 3.05 340 P 41 07.90 -0.1
SBB 3.39 331 iPd 41 12.90 0.1
OSM 4.31 348 P 41 24.60 -1.1
VPEM 4.52 339 P 41 27.20 -1.7
WKTM 4.60 332 P 41 28.90 -1.0
PGE 4.71 348 P 41 30.60 -1.1
PRI 5.96 319 ePc 41 49.00 -0.2
FRI 6.15 329 ePc 41 50.60 -1.2
SVP 6.18 345 P 41 52.50 0.0
GCA 6.28 33 P 41 54.40 0.7
LLA 6.46 320 ePc 41 57.40 1.2
PRS 6.50 316 ePd 41 55.20 -1.6
MNA 6.95 345 ePc 42 03.60 0.4
SLD 6.95 321 P 42 02.10 -1.0
JAS1 7.24 330 iPc 42 06.80 -0.4
i 43 07.60
i 43 27.20
GOC 7.35 318 ePd 42 06.80 -1.8
MHC 7.37 321 e(P)c 42 09.40 0.3
WSU 7.38 23 P 42 12.80 3.4
EUR 7.73 359 iP 42 14.20 0.0
0.2s 41.31nm 6.3mb X
PCC 7.89 318 eP 42 14.30 -2.0
ALO 8.45 65 eP 42 23.50 -0.8
1.0s 14.50nm 5.2mb
BMN 8.75 353 P 42 28.30 0.0
LTX 10.74 100 P 42 55.70 0.0
BDW 12.08 22 P 43 13.80 -0.2
JCT 13.78 91 eP 43 40.80 4.4
LRM 14.30 10 eP 43 47.00 3.5
OCO 15.73 71 e(P) 44 02.50 0.5
NEW 16.53 357 eP 44 14.00 1.8
TUL 17.14 71 ePd 44 21.40 1.5
1.2s 151.70nm 5.0mb
Z 19s 2.73um 4.5Msz
N 18s 1.56um
E 19s 0.45um
e(S) 47 47.00
BHO 17.75 76 ePd 44 29.40 1.9
PNT 17.79 352 eP 44 29.00 1.1
RLO 17.79 70 ePd 44 29.70 1.6
SES 18.97 9 eP 44 43.00 0.5
TPM 19.73 126 ePc 44 58.00 6.3
POW 20.88 71 P 45 04.00 0.5
EDM 21.54 4 eP 45 09.50 -0.7
VHO 22.53 125 eP 45 27.00 6.6
FFC 25.00 19 iPc 45 45.40 1.5
1.4s 30.00nm 4.8mb
RSON 25.15 34 P 45 46.00 0.6
1.0s 67.50nm 5.3mb
YKA 30.78 1 eP 46 37.00 0.7
INK 38.01 349 ePd 47 39.50 1.1
FBA 38.58 339 P 47 45.00 1.8

1.0s 6.25nm 4.3mb
TTA 40.25 333 P 47 57.50 0.3
1.0s 7.50nm 4.3mb
IMA 41.21 338 P 48 06.00 0.9
FRB 43.45 28 eP 48 23.00 -0.2
MBC 44.62 359 eP 48 34.00 1.4
LSF 83.95 38 iPc 52 52.50 2.1
1.4s 17.70nm 5.1mb
WLF 83.98 34 P 52 56.00 5.6
TCF 84.28 38 eP 52 53.90 1.8
1.3s 14.70nm 5.1mb
BGF 84.44 37 iPc 52 54.90 2.0
1.2s 21.10nm 5.2mb
SSF 84.44 37 iPc 52 55.00 2.1
1.2s 16.00nm 5.1mb
LOR 84.48 36 eP 52 55.30 2.2
1.3s 19.40nm 5.2mb
MZF 84.53 38 iPc 52 55.30 2.0
1.2s 20.30nm 5.2mb
AVF 84.54 37 iPc 52 55.10 1.7
LBF 84.73 37 iPc 52 56.30 1.9
SMF 84.89 37 iPc 52 57.00 1.9
HAU 85.22 35 eP 52 59.00 2.2
CDF 85.38 34 eP 53 00.90 3.2
BSF 85.55 35 eP 53 00.50 1.9
KRI 145.34 73 ePKP 00 02.00 2.7
BUL 146.13 79 ePKP 00 09.00 8.4
MTD 146.90 71 ePKP 00 06.00 4.1
SLR 148.05 88 ePKP 00 10.00 6.4
69 obs. associated

& MAY 08, 1985 23h 49m 48.70s
31.750 N 115.820 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 4.3 (PAS).

IKP 0.93 345 iPc 50 05.70 -1.2
BAR 1.18 322 iPd 50 10.00 -1.0
GLA 1.55 33 eP 50 15.80 -1.1
SLBC 1.75 316 eP 50 19.80 0.1
eS 50 41.00
SDW 3.04 340 eP 50 34.00 -4.3
5 obs. associated

& MAY 08, 1985 23h 51m 44.70s
31.970 N 115.980 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.0 (PAS).

IKP 0.69 351 ePc 51 57.50 -0.9
BAR 0.92 321 ePc 52 02.80 0.1
iSc 52 15.80
2 obs. associated

? MAY 08, 1985 23h 54m 07.52± 5.61s
33.398 S ±11.1km 72.113 W ±40.4km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

LNV 0.81 134 iPd 54 23.30 0.1
TACH 1.01 105 iP 54 26.50 -0.2
iS 54 41.50
ROCH 1.02 66 iP 54 26.50 -0.4
iS 54 35.20
SAN 1.22 93 iPc 54 30.60 0.4
iS 54 48.50
PEL 1.22 78 iPc 54 30.50 0.2
CHCH 1.33 114 iPd 54 31.70 -0.4
PCH 1.35 100 iPd 54 32.40 -0.1
BACH 1.36 89 iPc 54 32.70 0.2
FCH 1.53 88 eP 54 35.40 0.2
MDZ 2.79 80 eP 54 59.50 6.5X
iS 55 43.30
RTCV 3.38 64 ePc 55 08.70 7.2X
S 55 58.30
RTCB 3.39 57 ePd 55 07.70 6.1X
S 55 57.50
RTLL 3.71 57 ePd 55 11.40 5.2X
S 56 04.70
TCA 6.69 74 e(P) 55 51.90 3.6X
S 57 10.00
SLA 10.40 36 e(P) 56 54.00 14.1X
S.D. = 0.3 on 9 of 15 obs.

& MAY 09, 1985 00h 00m 33.50s
31.940 N 115.900 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.0 (PAS).

IKP 0.73 346 iPc 00 47.10 -1.0
eS 00 57.40
BAR 0.99 319 ePc 00 51.50 -1.1
eS 01 05.00
GLA 1.43 39 eP 00 57.00 -3.1
SDW 2.84 340 e(P) 01 23.00 2.7
4 obs. associated

& MAY 09, 1985 00h 24m 13.60s
31.910 N 115.840 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.5 (PAS).

IKP 0.77 343 iPc 24 27.80 -1.2
eS 24 38.70
BAR 1.04 318 eP 24 32.50 -1.2
GLA 1.43 37 eP 24 37.30 -2.8
SLBC 1.63 312 eP 24 42.90 0.1
eS 25 04.30
SDW 2.88 339 e(P) 24 53.00 -8.1
5 obs. associated

• MAY 09, 1985 00h 38m 30.33± 1.04s
38.325 N ± 9.9km 21.728 E ± 8.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.2 (ATH).

VLS 0.91 261 ePb 38 47.50 -0.2
ATH 1.61 102 ePb 38 59.00 0.2
eSg 39 22.10
KZN 1.98 1 ePg 39 04.50 0.2
OHR 2.87 346 ePn 39 18.00 0.9
VAY 3.06 12 iPn 39 18.50 -1.1
SKO 3.65 357 ePn 39 28.00 0.0
S.D. = 0.9 on 6 of 6 obs.

• MAY 09, 1985 00h 42m 25.00± 0.88s
63.292 N ± 9.6km 152.738 W ± 9.1km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)
ML 3.1 (PMR).

TTA 1.53 258 eP 42 51.70 1.3
PME 2.40 132 eP 43 03.40 0.6
PMS 2.54 143 eP 43 04.60 -0.2
SVW 2.58 213 eP 43 03.50 -1.8
COL 2.71 51 eP 43 13.00 5.9X
eS 43 49.00
FBA 2.71 51 eP 43 05.50 -1.6
IMA 2.82 352 eP 43 09.20 0.4
TOA 3.25 109 eP 43 16.20 1.3
S.D. = 1.6 on 7 of 8 obs.

• MAY 09, 1985 01h 24m 05.78± 1.90s
6.617 S ± 9.3km 148.605 E ±26.7km
DEPTH = 33.0km (normal)
4.7mb (1 obs.)
NEW BRITAIN REGION (192)

LMG 2.32 191 iPc 24 44.10 1.5
MDG 3.12 296 eP 24 55.00 1.2
PMG 3.12 207 iPc 24 59.00 5.1X
MOM 4.70 345 eP 25 16.00 -0.2
WB2 19.16 225 eP 28 28.40 -1.0
eS 32 17.80
WRA 19.17 225 Pd 28 29.10 -0.4
0.4s 20.90nm 4.7mb
ASPA 22.07 218 eP 29 00.00 0.2
MRWA 38.08 230 eP 31 22.00 -1.4
S.D. = 1.3 on 7 of 8 obs.

& MAY 09, 1985 01h 31m 37.80s
31.950 N 115.890 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.6 (PAS).

IKP 0.72 345 iPc 31 51.30 -0.9
eS 32 01.70
BAR 0.98 318 eP 31 55.70 -1.2

09d 01h

		eS	32 09.20		
GLA	1.42 39	eP	32 01.00	-3.2	
SLBC	1.57 312	eP	32 06.30	0.1	
		eS	32 27.50		
SDW	2.83 340	e(P)	32 15.50	-9.0	
	5 obs. associated				

MAY 09, 1985 01h 54m 03.11± 0.83s
36.107 N ± 9.5km 139.791 E ± 7.4km
DEPTH = 33.0km (normal)
HONSHU, JAPAN (227)

TSK	0.28 68	iPc	54 10.80	0.2	
DDR	0.50 258	eP	54 13.70	0.0	
		S	54 21.50		
SRY	0.65 220	eP	54 15.80	-0.1	
OYM	0.82 213	eP	54 18.80	0.6	
KYS	0.95 162	eP	54 19.70	-0.5	
MAT	1.35 289	iPd	54 25.60	-0.2	
		iS	54 43.60		
	S.D. = 0.5 on 6 of 6 obs.				

& MAY 09, 1985 01h 59m 09.60s
31.870 N 115.870 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.8 (PAS).

IKP	0.80 346	iPc	59 24.70	-0.9	
BAR	1.06 320	iPd	59 29.00	-0.9	
		iSc	59 43.00		
GLA	1.47 37	eP	59 34.20	-2.5	
SDW	2.91 340	e(P)	59 58.00	0.6	
	4 obs. associated				

• MAY 09, 1985 02h 37m 17.93± 1.57s
49.044 N ±17.1km 6.733 E ±12.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
mbLg 3.0 (DOU).

WLF	0.73 329	iPgd	37 31.20	-1.0	
BUH	1.05 110	ePn	37 37.90	0.1	
TNS	1.62 43	ePn	37 46.20	-0.5	
		eSn	38 05.90		
MEM	1.64 344	Pn	37 47.10	0.3	
DOU	1.75 308	Pn	37 48.30	-0.1	
		iPg	37 50.60		
		Sn	38 10.20		
ENN	1.80 343	ePg	37 50.50	1.3	
	0.7s 17.00nm				
		e	37 55.00		
		e	38 14.00		
	S.D. = 1.0 on 6 of 6 obs.				

& MAY 09, 1985 03h 23m 38.30s
31.930 N 115.820 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 4.1 (PAS).

IKP	0.76 341	iPc	23 52.60	-0.9	
		eS	24 03.30		
BAR	1.04 316	iPd	23 57.10	-1.2	
		eS	24 10.80		
GLA	1.40 37	eP	24 02.20	-2.2	
SLBC	1.63 311	eP	24 07.10	-0.4	
TPC	2.18 355	iPc	24 14.40	-1.2	
SDW	2.87 339	e(P)	24 25.00	-0.6	
	6 obs. associated				

& MAY 09, 1985 03h 39m 15.34s
61.864 N 150.812 W
DEPTH = 65.2km
SOUTHERN ALASKA (2)
<AGS-P>.

SKT	0.36 289	iP	39 26.03	-0.6	
SUA	0.40 175	iP	39 26.79	-0.3	
		eS	39 35.57		
PWA	0.49 115	iP	39 27.11	-0.7	
CGLM	0.80 226	iP	39 30.83	-0.6	
PLRM	0.85 108	eP	39 30.77	-1.1	
		iS	39 43.79		
PMS	0.86 135	eP	39 31.10	-1.1	
MSE	0.88 91	eP	39 31.73	-0.7	
		iS	39 45.10		
CRP	0.88 228	eP	39 32.04	-0.4	
PME	0.88 105	eP	39 31.54	-0.8	
GHO	0.90 95	iP	39 32.18	-0.5	
		iS	39 45.89		
SPU	0.91 222	eP	39 32.30	-0.4	
		iS	39 45.47		
NKA	1.14 191	eP	39 37.36	1.6	
SML	1.18 92	iP	39 35.41	-0.8	
KNK	1.21 111	iP	39 36.00	-0.7	
PTE	1.32 139	iP	39 37.13	-1.0	
		eS	39 54.47		
SLKM	1.39 168	eP	39 37.94	-1.2	
RDT	1.51 211	eP	39 40.89	0.1	
		iS	40 00.64		
MPA	1.55 152	eP	39 40.15	-1.1	
CFI	1.61 114	eP	39 40.89	-1.2	
SCM	1.65 90	eP	39 41.88	-0.9	
SEW	1.89 159	eP	39 47.12	1.2	
TTV	1.95 113	eP	39 45.55	-1.2	
ILM	1.95 211	eP	39 46.77	0.0	
GLI	2.04 117	iP	39 46.30	-1.8	
BRLK	2.11 181	eP	39 49.15	0.1	
		eS	40 12.60		
VZW	2.20 110	eP	39 48.48	-1.8	
TOA	2.20 82	eP	39 50.10	-0.3	
VLZ	2.27 107	eP	39 49.82	-2.2	
KLU	2.36 97	iP	39 50.87	-1.7	
FID	2.37 116	eP	39 49.97	-2.7	
SVW	2.43 254	eP	39 52.58	-0.9	
HIN	2.56 123	eP	39 52.82	-2.5	
KMP	2.78 95	eP	39 56.45	-2.0	
SGAM	3.04 114	eP	39 59.22	-2.8	
BALM	4.15 98	eP	40 14.91	-2.8	
YAH	4.65 105	eP	40 21.84	-3.0	
	36 obs. associated				

& MAY 09, 1985 04h 09m 16.90s
62.280 N 141.334 W
DEPTH = 1.8km
4.3mb (2 obs.)
CENTRAL ALASKA (1)
<AGS-P>. ML 3.8 (PMR). Felt (IV) at Beaver Creek and Koldern, Yukon Territory, Canada.

CTGM	1.32 180	iP	09 40.23	-1.9	
		eS	09 57.15		
BALM	1.34 202	iP	09 40.88	-1.6	
		iS	09 59.43		
GLB	1.44 235	eP	09 43.27	-0.9	
		eS	10 02.17		
GLB	1.44 235	iP	09 43.30	-0.8	
YAH	1.93 186	iP	09 51.10	-0.3	
DWY	1.98 25	P	09 51.60	-0.2	
BMRM	2.04 231	eP	09 52.48	-0.3	
		eS	10 19.49		
AGAM	2.14 176	eP	09 55.19	1.0	
TSIM	2.18 243	eP	09 55.52	0.7	
		eS	10 24.51		
PCA	2.25 166	eP	09 56.16	0.3	
TOA	2.28 268	eP	09 57.14	1.0	
KLU	2.31 252	eP	09 57.29	0.6	
		eS	10 29.99		
BCPM	2.48 160	eP	09 58.78	-0.2	
RAGM	2.49 222	eP	10 00.98	1.8	
SGAM	2.58 228	eP	10 01.41	1.0	
VLZ	2.64 246	eP	10 02.74	1.4	
		eS	10 35.76		
VLZ	2.64 246	eP	10 02.29	1.0	
CVA	2.74 233	eP	10 04.23	1.5	
VZW	2.77 246	eP	10 03.65	0.4	
PNL	2.79 159	eP	10 02.59	-0.8	
KAIM	2.80 214	eP	10 04.06	0.5	
SCM	2.86 264	eP	10 06.46	2.0	
FID	2.90 240	eP	10 06.60	1.5	
HON	3.08 156	eP	10 06.29	-1.2	
GLI	3.09 246	eP	10 08.37	0.7	
HIN	3.13 235	iP	10 08.60	0.4	
CFI	3.25 253	eP	10 11.24	1.3	
SML	3.33 265	eP	10 12.53	1.4	
KNK	3.49 259	eP	10 14.72	1.4	
GHO	3.61 265	eP	10 16.74	1.6	
MSE	3.62 266	eP	10 16.84	1.5	
PME	3.69 263	eP	10 17.10	0.9	
PLRM	3.75 263	eP	10 18.55	1.5	
MID	3.77 223	eP	10 18.00	0.8	
COL	3.90 315	eP	10 17.00	-2.2	
		e	10 32.00		
		eS	11 20.00		
FBA	3.90 315	eP	10 17.80	-1.4	
PTE	3.94 252	eP	10 20.49	0.8	
PMS	4.05 259	eP	10 22.40	1.2	
MPA	4.26 249	eP	10 24.31	0.1	
SPU	5.22 263	eP	10 37.87	0.0	
BRLK	5.29 246	eP	10 37.56	-1.3	
IMA	6.59 311	eP	10 56.00	-1.4	
TTA	6.81 282	eP	11 00.10	-0.2	
INK	6.87 25	eP	10 58.00	-3.0	
SVW	6.90 267	eP	10 59.50	-2.0	
KDC	7.20 236	eP	11 05.60	-0.1	
YKA	12.37 77	eP	12 16.60	-0.1	
EDM	17.33 109	eP	13 19.00	-2.4	
NEW	19.51 125	eP	13 47.00	-1.1	
FFC	21.60 92	eP	14 18.00	8.2	
	0.9s 8.00nm			4.1mb	
BDW	27.02 121	eP	14 58.50	-3.7	
ALQ	35.00 125	eP	16 12.00	-0.7	
	1.2s 7.81nm			4.4mb	
LTX	41.06 126	eP	17 13.50	10.2	
	53 obs. associated				

& MAY 09, 1985 04h 49m 15.40s
31.870 N 115.870 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.7 (PAS).

IKP	0.80 346	iPc	49 30.40	-1.0	
	1 obs. associated				

MAY 09, 1985 05h 43m 25.04± 0.32s
1.337 S ± 6.5km 67.677 E ± 5.4km
DEPTH = 10.0km (geophysicist)
5.2mb (42 obs.) 5.3Msz (5 obs.)
CARLSBERG RIDGE (421)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 26C
Centroid Location:
Origin Time 05:43:31.4 0.3
Lat 1.00S 0.03 Lon 67.45E 0.02
Dep 10.0 FIX Half-duration 2.9
Moment Tensor; Scale 10**24 D-CM
Mrr=-1.66 0.09 Mtt=-4.61 0.12
Mff= 6.27 0.12 Mrt= 0.79 0.35
Mrf= 0.86 0.40 Mtf=-2.24 0.10
Principal Axes:

	Val=	Plg=	Azm=
T	6.77	5	259
N	-1.47	75	7
P	-5.30	15	168

Best Double Couple:Mo=6.0*10**24
NP1:Strike=304 Dip=76 Slip=-173
NP2: 213 83 -14

KOD	15.07 40	eP	46 57.00	-3.1X	
		eS	49 31.00		
GBA	17.72 33	P	47 33.00	-0.6	
	1.0s 98.50nm			4.9mb	
BOM	20.73 14	eP	48 09.50	1.1	
		iS	52 03.00		
HYB	21.50 29	eP	48 15.00	-1.3	
	1.2s 88.80nm			5.0mb	
		iS	52 12.00		
AVY	26.22 227	eP	49 02.00	-0.3	
AAE	30.59 290	eP	49 42.00	0.0	
NAI	30.87 270	eP	49 45.00	0.7	
	0.8s 26.12nm			5.2mb	
NDI	31.22 16	eP	49 47.50	0.6	
		eS	54 52.00		
QUE	31.36 359	eP	49 50.00	1.6	
		eS	54 58.00		
IPM	33.83 80	ePc	50 13.80	3.8X	
SHI	34.04 336	eP	50 10.00	-1.8	
KHT	34.53 61	eP	50 19.90	3.9X	
NNT	34.70 66	eP	50 17.30	-0.1	
SHL	35.55 40	eP	50 24.00	-0.8	
		eS	56 02.00		
KGM	35.79 85	ePc	50 28.70	1.9	
MHI	38.21 349	eP	50 47.00	0.1	
		e	52 22.00		
		eS	56 50.00		
MTD	38.69 245	eP	50 50.00	-1.2	
IR2	40.01 339	eP	51 03.00	1.1	
KRI	40.49 245	eP	51 04.00	-2.2	

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BUL     42.50 241 iPc    51 22.20   -0.5
        0.9s      8.82nm          4.5mb
KMI     42.95  50 eP     51 26.00   -0.3
     N  16s       3.10um
                  sP     51 45.00
                  SS     57 55.00
                  SS     01 00.00
TAB     43.89 336 eP     51 35.00    1.3
PRNI    44.29 318 eP     51 36.50   -0.5
EVA     44.73 233 e(P)   51 41.00    0.2
SLR     45.02 234 eP     51 42.00   -1.1
        1.6s    283.33nm          5.9mb
     Z  20s       2.48um          5.1Msz
JER     45.08 320 eP     51 44.00    0.7
BPI     45.42 234 eP     51 41.50   -4.8X
        1.0s     58.00nm          5.5mb
KSR     46.20 235 eP     51 56.50    4.0X
BFS     46.74 233 e(P)   51 55.70   -0.9
        1.0s     40.00nm          5.4mb
VIR     47.20 232 eP     52 03.00    2.7
        1.0s     30.00nm          5.3mb
BNG     49.42 277 iPd    52 17.40   -0.2
        1.3s     49.00nm          5.4mb
                  i      53 52.40
                  i      54 17.90
LZH     50.20  38 eP     52 28.00    4.6X
        2.5s    122.00nm          5.4mb
     E  13s       1.80um
                  eS     59 26.00
HKC     51.05  60 eP     52 29.00   -0.9
                  eS     59 51.00
BAG     55.09  69 eP     53 00.50    0.3
DIM     57.51 324 eP     53 16.00   -0.9
TLB     57.73 327 eP     53 20.00    1.6
CFR     58.06 328 eP     53 20.00   -0.7
DAV     58.37  81 eP     53 22.00   -1.4
PVL     58.42 325 eP     53 24.00    0.7
ISR     58.90 327 eP     53 20.00   -6.6X
VAY     58.92 321 eP     53 23.30   -3.5X
VTS     59.26 323 eP     53 27.00   -2.1
MLR     59.45 327 eP     53 30.00   -0.6
OHR     59.92 320 eP     53 37.00    3.2X
SKO     59.99 322 iP     53 34.50    0.3
                  iS     01 40.00
SSE     60.13  53 eP     53 35.00   -0.3
     Z  28s       1.60um          5.0MszX
     N  20s       1.90um
                  PP     57 20.00
                  S      01 47.00
CLO     60.95 325 eP     53 40.00   -0.6
JOS     64.21 327 e(P)d  54 00.00   -2.3
SRO     65.06 326 e(P)   54 10.30    2.5
                  i      54 16.30
KRA     65.44 328 eP     54 16.00    5.8X
                  e      54 17.30
MNS     65.84 318 e(P)   54 19.00    6.1X
ZST     65.95 326 e(P)   54 19.00    5.5X
KBA     67.57 323 e(P)   54 30.00    5.8X
        1.2s     13.50nm          5.0mb
WRA     67.64 111 Pc     54 24.50   -0.3
        0.9s     15.40nm          5.2mb
WBC     67.65 111 eP     54 25.50    0.6
ASPA    67.74 115 eP     54 25.00   -0.5
KSP     67.81 328 eP     54 25.00   -0.3
CTI     68.13 322 eP     54 29.00    1.4
PRU     68.32 326 eP     54 33.50    5.0X
                  ePP    56 56.00
                  S      03 20.00
KHC     68.43 325 P      54 33.00    3.7X
        1.2s     19.00nm          5.2mb
     Z  18s       0.60um          4.9Msz
     N  18s       0.50um
     E  18s       0.60um
                  e      54 44.30
BRG     69.10 327 eP     54 40.70    7.4X
                  e      54 56.00
CLL     69.83 327 eP     54 38.00    0.2
        1.8s     32.00nm          5.2mb
                  i      54 45.10
NUR     70.03 339 iP     54 38.20   -0.6
        0.8s     14.70nm          5.2mb
     Z  26s       2.30um          5.3MszX
                  i      54 46.50
                  eS     03 46.00
                  eSS    08 16.00
                  LR     24 40.00
MOX     70.28 326 eP     54 47.50    7.0X

ORO     70.28 320 e(P)   54 41.00    0.2
SHK     70.38  53 eP     54 42.40    0.9
SUF     71.08 341 eP     54 43.00   -2.2
        0.9s      6.00nm          4.7mb
BUH     71.37 323 eP     54 46.10   -1.2
KJF     71.67 343 eP     54 46.00   -2.7
        0.8s     23.50nm          5.3mb
                  i      54 56.00
CDF     71.84 322 eP     54 49.70   -0.4
        1.1s     16.60nm          5.0mb
BSF     71.90 322 eP     54 49.70   -0.9
        1.1s     22.60nm          5.2mb
HAU     72.25 322 eP     54 51.70   -0.8
UPP     72.30 336 iP     54 56.50    4.0X
                  iS     04 10.00
KIC     72.69 277 eP     54 57.90    2.2
WLF     73.02 323 P      55 08.00   11.1X
SMF     73.33 320 eP     54 58.50   -0.4
        1.1s     14.60nm          5.0mb
LBF     73.36 320 eP     54 58.70   -0.4
        1.4s     37.90nm          5.3mb
LOR     73.54 320 eP     54 59.90   -0.2
        1.2s     24.90nm          5.1mb
WTS     73.58 326 eP     55 07.50    7.4X
        1.0s     12.00nm          4.9mb
ENN     73.59 324 eP     55 07.50    7.3X
        1.2s     27.00nm          5.2mb
SSF     73.69 320 eP     55 00.60   -0.3
        1.4s     47.90nm          5.4mb
AVF     73.69 320 eP     55 00.70   -0.2
        1.2s      9.20nm          4.7mb
CAF     73.92 318 eP     55 03.10    0.7
        1.3s     14.40nm          4.8mb
BGF     73.94 319 eP     55 02.70    0.3
        1.3s     59.00nm          5.5mb
MZF     74.00 319 eP     55 02.90    0.1
        1.1s     20.30nm          5.1mb
GRC     74.05 320 iPc    55 02.30   -0.7
                  i      55 10.90
HFS     74.09 335 eP     55 06.80    3.8X
        1.0s     21.50nm          5.1mb
     Z  16s       1.24um          5.3MszX
                  LR     22 48.00
DOU     74.11 323 P      55 05.80    2.5
                  S      04 27.00
                  PPS    05 10.00
SOD     74.31 345 eP     55 03.00   -1.1
RJF     74.41 318 eP     55 06.10    0.9
        1.1s     21.40nm          5.1mb
LPO     74.44 317 eP     55 06.30    1.0
        1.4s     43.50nm          5.3mb
EPF     74.53 315 eP     55 08.80    2.8X
        1.4s     23.50nm          5.0mb
LSF     74.70 319 eP     55 07.10    0.3
        1.2s     27.50nm          5.2mb
LFF     74.82 317 eP     55 08.60    1.1
        1.1s     28.90nm          5.2mb
MAT     75.25  52 eP     55 15.00    4.8X
     Z  20s       1.60um          5.3Msz
                  eS     04 52.00
NB2     75.61 335 P      55 18.60    6.8X
        0.8s      2.70nm          4.4mb
MFF     75.91 319 eP     55 14.20    0.5
        1.5s     41.70nm          5.3mb
KEV     75.98 346 eP     55 13.00   -0.7
        0.6s     10.40nm          5.1mb
     Z  16s       2.00um          5.5MszX
                  i      55 22.00
                  eS     04 56.00
                  eScS   05 44.00
                  eSS    09 36.00
                  eSSS   13 12.00
                  LR     28 20.00
LDF     76.50 321 eP     55 17.40    0.4
FLN     76.78 321 eP     55 18.20   -0.3
        1.4s     52.20nm          5.4mb
GRR     76.90 320 eP     55 19.50    0.3
        1.2s     22.80nm          5.1mb
LPF     76.92 320 eP     55 20.00    0.7
        1.3s     40.10nm          5.3mb
CTA     78.81 110 e(P)   55 35.00    4.7X
                  i      05 36.00
                  i      10 52.00
PMG     79.40  99 eP     55 31.00   -2.6X
EKA     80.30 327 Pd     55 45.60    8.0X
        0.9s      8.20nm          4.7mb
SNA     82.09 199 e(P)   55 50.00    3.3X

SPA     88.67 180 e(P)   56 26.50    6.7X
DAG     90.47 347 eP     56 29.00    1.1
INK    111.61   8 ePKP   02 16.00   15.0X
YKA    118.97   1 ePKP   02 18.80    3.6X
FFC    126.11 353 ePKP   02 39.00    9.8X
        1.1s      9.00nm
EDM    128.28   1 ePKP   02 32.50   -1.0
CCH    130.85 246 ePKP   02 52.00   12.3X
LPB    132.89 246 PKPc   02 50.00    6.2X
                  LR     46 30.00
RSSD   136.77 351 PKP    02 55.00    4.9X
BDW    138.67 357 PKP    02 56.00    2.2X
BMN    140.83   6 PKP    02 57.00   -0.6
RLO    141.81 337 ePKP   03 02.90    3.6X
EUR    141.89   5 iPKP   03 06.00    6.3X
        0.5s      2.66nm
TUL    142.33 338 ePKP   03 06.30    6.1X
        0.9s      9.60nm
BHO    143.30 335 e(PKP) 03 02.00    0.1
SLD    143.50  12 PKP    03 04.00    1.8
VPEM   145.19   8 PKP    03 07.00    1.7
ALQ    146.12 351 ePKP   03 07.00    0.1
     Z  22s       0.74um          5.4Msz
SDW    146.60   7 PKP    03 08.00    0.4
JCT    148.68 339 ePKP   03 19.00    8.1X
     Z  20s       1.24um          5.7Msz
LTX    150.96 344 PKP    03 09.00   -5.5X
        1.0s     38.00nm
      S.D. = 1.1  on  85 of 127 obs.

?  MAY  09, 1985  06h 35m 50.04±16.72s
    34.016 S ±55.6km   72.144 W ±122.km
    DEPTH =  33.0km  (normal)
  NEAR COAST OF CENTRAL CHILE          (135)

LNV     0.61  85 iPc    36 01.90   -0.3
                  iS     36 09.10
TACH    1.07  71 iPd    36 08.50   -0.2
                  iS     36 21.60
CHCH    1.24  87 iPd    36 11.60    0.4
                  iS     36 24.60
PCH     1.41  74 iPd    36 13.70   -0.1
                  iS     36 30.50
PEL     1.50  55 iP     36 15.10    0.2
                  iS     36 34.00
BACH    1.53  65 iPc    36 15.60    0.2
                  iS     36 35.90
FCH     1.69  67 iP     36 18.40    0.4
                  iS     36 40.00
JACH    1.86  45 iPd    36 20.10   -0.1
                  iS     36 40.00
MDZ     2.98  69 eP     36 35.70   -0.4
                  eS     37 26.60
      S.D. = 0.3  on   9 of   9 obs.

?  MAY  09, 1985  07h 01m 43.38±21.94s
    34.048 S ±72.7km   72.510 W ±160.km
    DEPTH =  33.0km  (normal)
  NEAR COAST OF CENTRAL CHILE          (135)

TACH    1.37  74 iPd    02 05.70   -0.6
                  iS     02 19.50
CHCH    1.55  86 iPd    02 08.90   -0.1
                  iS     02 25.90
ROCH    1.65  50 iPc    02 10.30   -0.3
                  iS     02 27.40
SAN     1.65  69 iPc    02 10.20   -0.3
                  iS     02 27.10
PCH     1.72  76 iPd    02 11.20   -0.3
                  iS     02 28.60
PEL     1.77  60 iPc    02 12.30    0.1
                  iS     02 31.20
BACH    1.82  68 iPc    02 13.00    0.0
                  iS     02 33.00
FCH     1.99  69 eP     02 16.00    0.4
                  iS     02 37.50
JACH    2.10  50 eP     02 17.00   -0.1
MDZ     3.27  70 eP     02 39.60    6.0X
                  e(S)   03 24.10
      S.D. = 0.3  on   9 of  10 obs.

?  MAY  09, 1985  07h 14m 05.78± 4.56s
    39.783 N ±33.1km   22.678 E ±18.8km
    DEPTH =  10.0km  (geophysicist)
  GREECE                               (364)

LIT     0.35 336 ePgc   14 12.40   -0.6
```

09d 07h

			eSg	14	18.90	
PAIG	0.78	79	ePgc	14	20.80	-0.2
			eSg	14	32.40	
OUR	1.14	61	ePg	14	27.40	0.3
			eSg	14	42.30	
SOH	1.16	26	ePg	14	26.90	-0.6
			eSg	14	43.20	
GRG	1.19	350	ePg	14	28.50	0.5
			eSg	14	45.30	
KNT	1.39	7	ePb	14	31.80	0.6
			eSb	14	49.60	
S.D. = 0.7			on 6 of 6 obs.			

% MAY 09, 1985 08h 22m 46.26± 1.74s
39.910 N ±10.0km 30.024 E ±17.3km
DEPTH = 10.9km (geophysicist)
TURKEY (366)

YLV	0.82	323	iPn	23	01.30	-1.0
ALT	0.86	176	iPn	23	02.50	-0.3
DST	1.12	255	ePn	23	08.20	0.9
KCT	1.32	285	ePn	23	09.70	-1.0
ISK	1.37	328	iP	23	12.70	1.4
BNT	1.67	286	iPn	23	18.20	2.5X
CTT	1.73	316	iPn	23	18.70	2.1X
S.D. = 1.5			on 5 of 7 obs.			

? MAY 09, 1985 08h 24m 22.10± 3.94s
59.405 N ±22.5km 6.573 E ±29.4km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.7 (BER).

ODD	0.55	5	IPg+	24	31.70	-1.5
			iSg	24	41.20	
KMY	0.71	255	iPn	24	34.90	-1.1
			iPg	24	37.20	
			iSn	24	46.10	
			eSg	24	50.70	
ASK	1.28	328	IPn	24	45.00	-0.9
			ISn	25	04.70	
HYA	1.78	354	iPn	24	52.40	-0.6
			iSn	25	15.40	
SUE	1.89	332	iPn	24	53.30	-1.3
			iPg	24	55.30	
			eSn	25	19.50	
			iSg	25	22.50	
S.D. = 0.5			on 5 of 5 obs.			

MAY 09, 1985 09h 32m 34.19± 2.00s
46.871 N ± 8.9km 151.048 E ± 6.8km
DEPTH = 163.1 ± 19.7 km
4.8mb (28 obs.)
KURIL ISLANDS (221)

MAT	14.07	227	(P)	35	48.00	0.6
TTA	33.27	42	eP	38	58.00	0.4
BRW	34.49	27	eP	39	08.30	0.6
IMA	34.55	36	eP	39	09.00	0.5
PMS	36.32	45	eP	39	22.10	-1.2
COL	36.95	38	iP	39	29.30	0.8
	0.7s		13.70nm			4.8mb
FBA	36.95	38	eP	39	29.40	0.9
INK	42.32	32	iPc	40	13.60	0.9
MBC	44.97	20	eP	40	34.00	0.1
YKA	51.67	36	eP	41	26.30	0.5
YKC	51.73	36	eP	41	21.00	-5.2X
	0.5s		7.00nm			4.6mb
KKN	54.06	274	eP	41	44.40	0.3
PKI	54.11	274	eP	41	44.80	0.1
	0.6s		14.00nm			4.9mb
DMN	54.30	274	eP	41	46.50	0.6
	0.7s		29.00nm			5.2mb
KEV	56.75	340	eP	42	00.00	-2.5
EDM	57.25	45	ePc	42	05.70	-0.6
SOD	58.62	338	eP	42	14.00	-1.6
KJF	60.72	335	iP	42	28.50	-1.5
FFC	61.55	39	eP	42	35.00	-0.7
	0.9s		9.00nm			4.7mb
SUF	62.30	335	iP	42	38.60	-2.0
	0.3s		4.30nm			4.8mb
BMN	62.99	59	P	42	45.80	0.2
NUR	64.48	334	iP	42	53.00	-1.8
FRB	65.39	18	eP	42	59.00	-1.5
BDW	65.80	53	P	43	03.50	-0.3
	0.7s		3.55nm			4.4mb
NB2	67.64	340	P	43	11.20	-3.7X
	0.5s		2.40nm			4.3mb
RSSD	67.82	49	P	43	16.00	-0.5
HFS	67.84	339	eP	43	14.40	-1.6
	0.3s		6.40nm			4.9mb
WB2	68.19	197	eP	43	17.60	-1.0
WRA	68.19	197	Pd	43	18.00	-0.6
	0.4s		0.50nm			3.7mb X
GBA	69.01	268	P	43	23.10	-0.7
ALQ	72.97	57	eP	43	47.00	-0.6
	0.9s		2.52nm			3.9mb
EKA	75.87	345	Pd	44	03.60	0.0
	0.5s		6.30nm			4.6mb
DMU	77.87	347	iPc	44	14.50	-0.1
	1.0s		50.00nm			5.2mb
MEM	78.32	338	P	44	17.80	0.7
DLE	78.41	346	iPc	44	17.70	0.2
	0.7s		40.00nm			5.3mb
DCN	78.47	347	eP	44	17.90	0.0
	0.8s		30.00nm			5.1mb
LTX	78.66	59	P	44	19.50	0.0
KBA	79.38	332	iPd	44	23.70	0.5
	0.6s		9.00nm			4.7mb
CDF	79.99	336	eP	44	26.50	0.2
HAU	80.62	337	eP	44	29.80	0.3
BSF	80.66	336	eP	44	29.80	0.0
VAY	80.97	323	eP	44	32.00	0.6
FLN	81.58	341	eP	44	34.80	0.3
	0.6s		9.00nm			4.7mb
LDF	81.66	341	eP	44	35.20	0.3
OHR	81.86	324	eP	44	36.10	0.0
LOR	81.95	338	iPc	44	36.80	0.3
	0.7s		14.70nm			4.8mb
GRR	82.02	342	iPc	44	37.50	0.8
	0.6s		24.20nm			5.1mb
LBF	82.18	338	iPc	44	37.80	0.1
	0.7s		5.50nm			4.4mb
SSF	82.23	338	iPc	44	38.20	0.3
	0.8s		9.90nm			4.6mb
LPF	82.40	342	iPc	44	39.60	0.9
	0.6s		7.30nm			4.6mb
AVF	82.52	338	iPc	44	40.10	0.7
	0.5s		5.30nm			4.6mb
SMF	82.53	338	iPc	44	40.10	0.6
	0.5s		8.70nm			4.8mb
MZF	83.25	339	iPc	44	43.90	0.7
	0.7s		27.90nm			5.2mb
TCF	83.28	339	iPc	44	44.00	0.7
	0.7s		7.10nm			4.6mb
LSF	83.48	339	iPc	44	45.00	0.7
	0.9s		27.20nm			5.1mb
MFF	83.55	340	iPc	44	45.70	1.1
	0.7s		15.40nm			4.9mb
RJF	84.37	339	eP	44	49.30	0.5
CAF	84.59	338	eP	44	50.80	0.9
LFF	84.91	339	eP	44	52.10	0.6
LPO	85.03	339	eP	44	52.70	0.6
	0.8s		14.70nm			4.8mb
S.D. = 0.9			on 58 of 60 obs.			

* MAY 09, 1985 09h 42m 30.45± 1.13s
66.177 N ±12.3km 149.904 W ± 7.1km
DEPTH = 10.0km (geophysicist)
ALASKA (676)

IMA	1.54	268	eP	42	58.70	0.6
COL	1.55	145	eP	42	58.00	-0.2
			i	43	01.00	
			eS	43	22.00	
FBA	1.55	145	eP	42	58.70	0.5
TTA	4.19	222	eP	43	35.20	-0.7
PME	4.58	175	eP	43	42.00	0.6
SVW	5.69	209	eP	43	56.50	-0.5
INK	6.70	64	eP	44	08.00	-3.3X
YKA	15.58	87	eP	46	11.00	-0.4
S.D. = 0.7			on 7 of 8 obs.			

% MAY 09, 1985 09h 52m 39.31± 0.83s
37.954 N ± 7.7km 29.403 E ± 8.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BCK	1.06	117	ePn	53	00.00	0.6
YER	1.21	228	iPn	53	00.80	-1.1
ALT	1.23	27	iPn	53	01.50	-0.8
ELL	1.27	161	iPn	53	05.10	2.1X
IZM	1.74	285	iPn	53	11.00	1.2
DST	1.76	340	iPn	53	09.20	-0.8
KCT	2.43	341	ePn	54	18.00	58.3X
YLV	2.61	359	iPn	53	27.70	5.4X
BNT	2.66	335	ePn	53	24.00	1.0
EDC	2.67	334	ePn	53	23.00	-0.1
S.D. = 1.1			on 7 of 10 obs.			

MAY 09, 1985 10h 36m 03.32± 0.51s
11.921 N ± 7.7km 142.058 E ±10.8km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO	3.20	59	eP	36	52.70	0.2
			eS	37	28.50	
PJG	3.20	59	eP	36	52.70	0.2
GUA	3.21	60	eP	36	52.70	0.0
PMG	21.79	166	eP	40	53.00	-1.4
MAT	24.76	353	(P)	41	23.00	-0.4
			eS	46	00.00	
CTA	32.07	173	eP	42	30.00	0.4
WB2	32.56	194	eP	42	34.30	0.5
WRA	32.56	194	Pc	42	34.50	0.6
	0.8s		1.80nm			4.0mb
INK	76.95	22	eP	47	53.00	-0.9
YKA	85.59	27	eP	48	40.10	0.7
YKC	85.65	27	eP	48	40.00	0.3
PNT	86.42	40	eP	48	44.00	0.2
LRM	92.07	42	eP	49	10.50	-0.4
S.D. = 0.7			on 13 of 13 obs.			

& MAY 09, 1985 10h 44m 22.10s
31.720 N 116.970 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.3 (PAS).

BAR	0.99	15	iP	44	40.80	-0.5
			iS	44	53.70	
CPE	1.16	355	iP	44	41.90	-2.3
			eS	45	01.30	
GLA	2.25	53	eP	44	40.00	-20.4
SDW	2.88	358	e(P)	45	08.00	-1.5
4 obs. associated						

MAY 09, 1985 11h 13m 43.70± 0.36s
10.386 S ± 5.7km 120.281 E ± 7.2km
DEPTH = 33.0km (normal)
5.1mb (14 obs.) 4.0Msz (1 obs.)
SUMBA ISLAND REGION (287)

KNA	9.84	124	eP	16	07.00	1.0
			eS	18	04.00	
MBL	10.72	182	eP	16	14.00	-4.1X
	0.2s		26.00nm			6.1mb
			eS	18	03.00	
MTN	10.91	104	eP	16	19.00	-1.6
			eS	18	14.00	
NAU	12.93	200	iPd	16	33.90	-13.9X
			eS	18	55.00	
LEM	13.01	285	ePd	16	45.00	-4.1X
	1.0s		20.00nm			5.1mb
MEK	16.22	186	eP	17	29.00	-1.9
	0.3s		33.00nm			4.9mb
			eS	20	15.00	
WRA	16.55	127	Pc	17	33.60	-1.5
	1.3s		68.70nm			4.6mb
WB2	16.56	127	iPc	17	33.60	-1.6
			eS	20	26.80	
WBN	16.76	160	eP	17	36.00	-1.7
			eS	20	34.00	
DAV	18.14	17	eP	17	54.00	-0.9
ASPA	18.53	137	eP	18	00.00	0.4
	1.0s		75.00nm			4.8mb
			eS	21	13.00	
MRWA	19.16	191	eP	18	06.00	-1.2
			eS	21	20.00	
KLG	20.33	177	eP	18	19.70	-0.2
BAL	20.39	189	iPc	18	21.10	0.5
	0.5s		24.00nm			4.8mb
			eS	21	53.00	
KGM	20.90	305	ePc	18	26.80	0.9
ISQ	21.19	121	eP	18	31.00	2.1
	0.9s		87.00nm			5.2mb
KL8	21.23	186	iPc	18	29.70	0.6
			eS	22	11.00	
MUN	21.82	189	iPc	18	35.60	0.6
			eS	22	24.00	

NWAO	22.61	187	iPc	18	44.00	1.1
			eS	22	41.00	
RKG	23.76	187	iPc	19	01.80	7.7X
IPM	24.26	307	ePd	18	58.90	-0.2
PMG	26.49	90	eP	19	23.00	2.9X
BAG	26.63	1	eP	19	20.00	-1.5
LAT	26.68	84	eP	19	28.50	6.7X
MOM	28.18	75	eP	19	38.00	2.5
STK	29.09	141	eP	19	45.00	1.5
KHT	32.98	319	eP	20	18.80	0.9
CHTO	35.84	324	eP	20	42.90	0.4
	1.1s		25.62nm			5.1mb
Z	21s		0.28um			4.0Msz
KMI	39.22	334	Pc+	21	12.00	0.9
SSE	41.25	1	eP	21	28.40	1.0
SHL	45.19	323	iP	22	00.00	0.3
KOD	47.25	294	eP	22	15.50	-0.9
GBA	48.74	298	Pd	22	27.10	-0.4
	0.7s		36.60nm			5.5mb
HYB	49.63	303	eP	22	33.00	-1.4
			e	22	41.50	
MAT	49.63	19	iPd	22	32.10	-2.1
	0.8s		17.16nm			5.1mb
			eS	30	20.00	
PKI	50.65	319	iPd	22	41.80	-0.6
	0.8s		26.00nm			5.3mb
DMN	50.87	319	iPd	22	43.60	-0.4
	1.0s		97.00nm			5.7mb
KKN	50.88	319	iPd	22	43.60	-0.5
	1.0s		48.00nm			5.4mb
NDI	56.91	314	eP	23	25.00	-3.1X
SBA	71.42	171	e(P)	25	04.50	2.3
MHI	73.60	313	eP	25	17.00	1.1
SPA	79.68	180	e(P)	25	52.40	2.9X
IR2	79.74	309	eP	25	51.00	0.7
BUL	88.03	250	iPd	26	35.90	3.2X
	1.0s		6.00nm			4.8mb
YKA	114.92	25	ePKP	32	26.80	4.3X
YJA	147.15	170	ePKPd	33	28.80	4.6X
ITR	151.52	229	ePKP	33	39.30	8.7X
BAO	151.66	204	e(PKP)	33	40.40	9.5X
LPB	152.00	163	PKP	33	42.30	10.6X
	S.D. = 1.3		on	35	of 49	obs.

? MAY 09, 1985 11h 34m 02.49± 5.68s
33.848 S ±19.9km 72.151 W ±39.2km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.63	100	iPc	34	15.30	0.3
			iS	34	23.60	
TACH	1.03	79	iP	34	22.00	0.0
			iS	34	35.50	
CMCH	1.25	94	eP	34	29.30	3.6X
			iS	34	48.80	
ROCH	1.29	48	iP	34	26.60	0.0
			iS	34	44.50	
SAN	1.30	73	iP	34	26.50	-0.1
			iS	34	43.50	
PCH	1.38	81	iP	34	27.10	-0.8
			iS	34	45.50	
PEC	1.41	61	iPc	34	28.50	0.2
			iS	34	47.40	
BACH	1.47	71	iPc	34	29.30	0.2
			iS	34	48.80	
[illegible]H	1.64	72	eP	34	32.00	0.3
			iS	34	54.00	
UACH	1.75	49	iPc	34	33.10	0.0
			i(S)	34	59.40	
MDZ	2.93	72	eP	35	03.50	13.5X
	S.D. = 0.4		on	9	of 11	obs.

& MAY 09, 1985 11h 35m 38.40s
37.927 N 122.308 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 1.7 (BRK).
Mo=1.0*10**19 (BRK). Felt at El Cerrito.

ZSP	0.04	66	iP	35	40.10	0.3
			iS	35	41.10	
BRK	0.07	145	iPc	35	39.90	-0.2
			iS	35	41.40	
BKS	0.08	131	iPd	35	40.20	-0.1
			iSn	35	41.90	
ARN	0.84	133	eP	35	54.00	-1.2

4 obs. associated

% MAY 09, 1985 11h 41m 23.03± 0.96s
39.576 N ±11.1km 29.437 E ±12.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ALT	0.74	135	iPn	41	37.50	-0.1
YLV	0.99	357	iPn	41	41.60	-0.3
KCT	1.07	309	iPn	41	42.60	-0.6
BNT	1.40	304	iPn	41	49.10	0.5
ISK	1.52	349	iPn	41	50.60	0.4
	S.D. = 0.6		on	5	of 5	obs.

MAY 09, 1985 11h 52m 51.29± 0.29s
25.457 S ± 6.9km 177.436 W ± 6.1km
DEPTH = 162.5km (2 depth phases)
4.9mb (12 obs.)
SOUTH OF FIJI ISLANDS (171)

SVA	8.24	332	eP	54	49.00	0.1
VUN	8.33	332	eP	54	49.00	-1.1
SGE	8.94	330	iPc	54	59.10	0.9
NDF	9.02	327	eP	55	01.00	1.9
NUE	9.41	49	P	54	57.20	-7.2X
			S	56	32.00	
AFI	12.66	26	P	55	38.00	-8.8X
			S	57	45.00	
NOU	15.07	279	iP	56	28.00	10.9X
PVC	15.31	297	iPc	56	23.50	3.4X
MNG	16.23	200	eP	56	27.50	-4.0X
			eS	59	13.00	
KOU	17.52	282	iPc	56	47.70	0.7
			iS	58	47.70	
HNR	26.75	303	P	58	20.00	2.3
RMO	30.36	261	eP	58	51.00	1.1
CTA	33.83	272	iPc	59	20.60	0.5
	1.8s		90.91nm			5.2mb
ASPA	44.10	262	eP	00	44.00	-1.2
WB2	44.63	267	eP	00	48.20	-1.2
WRA	44.64	267	P	00	49.00	-0.4
	1.1s		9.60nm			4.3mb
SBA	52.99	184	eP	01	53.20	0.6
KLB	56.55	248	eP	02	17.00	-2.1
BAL	57.63	249	eP	02	25.00	-1.7
SPA	64.69	180	eP	03	15.40	1.6
	1.0s		12.00nm			4.8mb
MAT	74.50	324	(P)	04	12.00	-1.6
ADK	77.01	0	P	04	25.50	-1.6
	0.6s		34.48nm			5.3mb
SMY	78.20	355	P	04	31.50	-2.2
JAS1	82.67	42	eP	04	58.40	0.7
SDW	82.70	46	P	04	58.40	0.3
VPEM	83.04	45	P	05	00.50	0.6
ORV	83.09	40	eP	05	00.50	0.7
WDC	83.17	39	eP	05	01.10	0.9
MIN	83.55	40	eP	05	01.60	-0.7
MNA	84.37	43	eP	05	07.50	1.0
BMN	86.18	42	eP	05	15.00	-0.4
	0.9s		6.64nm			4.5mb
			pP	05	56.20	164km
EUR	86.36	43	iP	05	16.50	0.1
	0.3s		11.54nm			5.2mb
LTX	89.30	57	P	05	30.50	0.0
	1.0s		10.00nm			4.8mb
PMR	89.70	13	P	05	31.00	-0.5
TTA	89.72	10	P	05	31.60	-0.1
	1.2s		37.88nm			5.3mb
BJI	89.77	315	eP	05	32.00	-0.3
ALQ	90.10	51	eP	05	34.00	-0.2
	1.0s		10.00nm			4.8mb
PNT	90.47	34	eP	05	36.00	0.7
NEW	91.08	35	P	05	38.00	-0.2
LRM	92.19	39	eP	05	44.40	0.7
BDW	92.21	43	P	05	43.00	-0.8
	0.9s		11.11nm			5.0mb
CHTO	92.40	290	eP	05	46.30	1.5
	0.8s		7.32nm			4.9mb
COL	92.95	12	eP	05	46.00	-0.4
	1.2s		13.28nm			5.0mb
			pP	06	26.80	161km
FBA	92.95	12	P	05	45.50	-0.9
IMA	93.02	9	P	05	46.00	-0.9
RSSD	96.35	44	P	06	02.50	-0.2
FRB	120.87	29	ePKP	11	24.00	-0.8
QUE	123.52	291	ePKP	11	31.00	-0.3
SOB1	125.44	124	ePKP	11	35.40	0.1
	0.7s		8.80nm			
ITR	127.58	125	ePKP	11	38.80	-0.6
	0.7s		2.70nm			
BUL	128.08	212	iPKPd	11	41.40	1.1
	0.9s		8.40nm			
MTD	129.39	217	ePKP	11	43.00	0.2
KEV	133.41	349	ePKP	11	43.00	-5.7X
	0.5s		8.40nm			
			i	11	49.30	
SOD	135.53	347	ePKP	11	46.00	-6.8X
			e	11	51.00	
KJF	137.94	344	ePKP	11	49.00	-8.5X
	0.7s		16.00nm			
			i	11	56.50	
SUF	139.57	343	ePKP	11	52.00	-8.5X
	0.7s		3.20nm			
NUR	141.81	342	iPKP	11	59.00	-5.5X
	0.7s		14.70nm			
Z	19s		0.10um			4.6Msz
			i	12	07.00	
			LR	21	30.00	
NB2	143.94	353	PKP	12	03.10	-5.2X
	1.1s		48.60nm			
HFS	144.49	350	ePKP	12	06.90	-2.2X
	0.7s		85.80nm			
HRI	150.15	293	ePKP	12	25.50	6.3X
JER	150.74	290	ePKP	12	26.00	5.9X
PRNI	150.98	287	ePKP	12	27.40	6.9X
KRA	152.00	336	iPKPc	12	28.20	6.9X
			e	12	34.90	
WIT	152.50	355	ePKP	12	30.50	8.6X
KSP	152.54	341	iPKPd	12	29.70	7.7X
	0.9s		44.00nm			
			ic	12	40.60	
MLR	152.56	323	ePKP	12	30.00	7.6X
SPC	152.59	334	ePKP	12	29.50	7.1X
CLL	152.98	346	iPKP	12	22.90	0.3
			i	12	30.30	
			i	12	41.40	
BRG	153.16	344	iPKPc	12	23.80	0.9
	1.2s		16.00nm			
			i	12	31.00	
			i	12	42.90	
WTS	153.30	354	iPKPc	12	31.50	8.5X
	0.8s		23.00nm			
PRU	153.81	342	PKP	12	32.50	8.7X
			e	12	46.00	
MOX	153.90	347	ePKP	12	32.50	8.6X
	1.3s		15.00nm			
			e	12	46.00	
BNG	154.07	219	iPKPc	12	25.60	0.3
	1.2s		15.80nm			
ENN	154.60	355	ePKP	12	34.50	9.7X
	0.8s		26.00nm			
			e	12	49.00	
KHC	154.85	343	iPKPc	12	26.00	0.7
			i	12	35.00	
			i	12	51.00	
	S.D. = 1.0		on	51	of 75	obs.

? MAY 09, 1985 13h 38m 48.48± 3.59s
39.691 N ±11.9km 26.622 E ±34.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.27	60	iPg	38	54.20	0.0
			iSg	38	59.20	
KGT	1.24	52	iPn	39	11.00	-0.5
MFT	1.46	41	iPn	39	15.00	0.1
EDC	1.56	65	ePn	39	17.20	0.9
BNT	1.60	65	iPn	39	16.50	-0.4
IZM	1.61	143	ePn	39	17.00	-0.1
KCT	1.88	72	ePn	39	24.00	3.1X
	S.D. = 0.7		on	6	of 7	obs.

% MAY 09, 1985 14h 00m 36.41± 2.79s
40.769 N ±13.7km 29.369 E ±19.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.20	179	iPg	00	41.00	0.1
			iSg	00	45.00	
CTT	0.81	298	iPn	00	52.00	0.0
BNT	1.18	250	iPn	00	58.50	0.1
EDC	1.22	250	ePn	00	59.20	0.1
DST	1.29	206	iPn	01	00.20	-0.2
	S.D. = 0.2		on	5	of 5	obs.

09d 14h

* MAY 09, 1985 14h 56m 15.65± 1.43s
30.752 S ± 8.6km 178.633 W ±19.4km
DEPTH = 33.0km (normal)
5.1mb (3 obs.)
KERMADEC ISLANDS (178)

CRZ	8.20	241	P	58	13.70	-1.5
KRP	8.62	212	P	58	25.00	3.9X
	1.0s	170.00nm				6.1mb X
MNG	10.94	204	e(P)	58	52.70	-0.3
SVA	12.85	347	eP	59	18.40	-0.3
SGE	13.47	346	eP	59	34.50	7.4X
NOU	15.76	293	iPc	59	55.00	-1.8
MSZ	17.47	214	P	00	19.00	0.8
AFI	17.91	22	P	00	32.00	8.0X
			S	01	25.00	
KOU	18.42	299	iPc	00	30.10	0.0
BRS	25.18	270	iPc	01	41.50	1.8
			i	01	46.70	
COO	25.32	263	eP	01	50.00	8.9X
HNR	29.12	312	P	02	21.00	5.3X
TAU	29.63	236	iPc	02	29.80	9.7X
CTA	33.32	280	iPd	02	54.20	1.5
	1.8s	86.36nm				5.4mb
			iS	08	24.00	
LAT	40.14	300	e(P)	03	50.00	-0.3
ASPA	42.55	268	eP	04	09.00	-1.1
WB2	43.55	273	iPc	04	19.20	0.9
WRA	43.56	273	Pc	04	18.80	0.4
	1.0s	16.60nm				4.8mb
SBA	47.65	184	eP	04	49.10	-1.0
MTN	49.50	280	eP	05	06.00	0.8
			e	05	12.00	
KNA	50.15	275	eP	05	18.00	7.8X
SPA	59.42	180	eP	06	23.00	5.7X
	1.0s	19.50nm				5.2mb
MAT	78.22	326	iPd	08	21.50	8.0X
			(S)	18	12.00	
SNA	79.19	179	eP	08	24.80	6.6X
BJI	92.79	316	eP	09	35.50	9.7X
BUL	123.02	211	ePKP	15	21.50	10.6X
MTD	124.52	216	ePKP	15	25.00	11.2X
KJF	142.66	341	ePKP	16	07.00	20.7X
SUF	144.26	341	ePKP	15	57.00	7.9X
NUR	146.45	339	lPKP	16	03.00	10.2X
	0.8s	13.20nm				
			i	16	10.00	
NB2	149.01	351	PKP	16	07.60	10.6X
	1.3s	13.50nm				
BNG	149.22	215	iPKPd	16	10.20	11.5X
	1.4s	41.90nm				
HFS	149.48	348	ePKP	16	11.30	13.7X
	0.7s	2.30nm				
KHC	159.44	337	ePKP	16	05.20	-6.2X
			e	16	54.50	
S.D. = 1.2 on 14 of 34 obs.						

* MAY 09, 1985 15h 10m 03.16± 1.38s
23.030 N ±11.8km 121.249 E ±16.3km
DEPTH = 33.0km (normal)
TAIWAN (244)

TWG	0.26	218	iPc	10	10.50	0.0
			eS	10	20.50	
TWF1	0.32	8	iPc	10	12.50	1.3
TWK	0.74	289	iPc	10	17.00	-0.2
			eS	10	31.40	
TWO	1.30	343	iPd	10	25.00	-0.1
TWC	1.67	9	iPc	10	29.50	-0.9
			eS	10	53.60	
TATO	1.95	6	e(P)	10	34.40	-0.1
S.D. = 0.9 on 6 of 6 obs.						

? MAY 09, 1985 15h 29m 37.67± 2.16s
44.047 N ±15.3km 114.377 W ±18.0km
DEPTH = 5.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.0 (NEIS).

HPI	0.98	110	eP	29	56.60	-0.4
TMI	1.93	112	e(P)	30	12.00	0.3
LRM	2.24	37	ePnd	30	16.30	0.1
			ePg	30	20.90	
BUT	2.35	33	e(P)	30	20.00	2.3X
			eSg	30	52.90	
IMW	2.49	92	e(P)	30	16.50	-3.3X
SXM	3.07	46	ePn	30	29.40	1.4
			ePg	30	36.60	
HRY	3.21	33	ePn	30	28.40	-1.5
			ePg	30	38.80	
NEW	4.63	337	e(P)	30	50.00	0.1
S.D. = 1.2 on 6 of 8 obs.						

% MAY 09, 1985 15h 35m 02.49± 0.72s
40.112 N ± 4.9km 29.311 E ± 6.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.46	6	lPg	35	11.50	-0.3
			lSg	35	19.50	
DST	0.73	226	lPg	35	16.70	-0.2
			lSg	35	26.90	
KCT	0.74	281	lPg	35	16.50	-0.6
			lSg	35	26.50	
ISK	0.97	349	lPn	35	20.50	-0.4
BNT	1.09	283	lPn	35	23.50	0.5
EDC	1.13	282	lPn	35	23.50	-0.2
ALT	1.22	149	lPn	35	25.50	0.2
CTT	1.23	327	lPn	35	26.50	1.1
DMK	2.07	326	ePn	35	37.70	-0.1
EZN	2.31	264	ePn	35	46.20	5.0X
IZM	2.34	224	ePn	36	05.50	23.9X
S.D. = 0.6 on 9 of 11 obs.						

* MAY 09, 1985 16h 10m 16.11± 2.12s
28.403 S ±22.3km 24.836 E ±11.0km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
Felt in the Jacobsdal-
Jogersfontein-Philippolis area.

VIR	1.82	80	iPc	10	49.50	1.1
			S	11	16.50	
BFS	2.29	50	iPc	11	00.90	5.6X
			S	11	36.00	
KSR	3.12	36	eP	11	13.00	5.9X
	0.5s	31.08nm				
			S	11	58.00	
BPI	3.61	53	lPc	11	12.20	-1.8
EVA	4.22	64	eP	11	23.70	1.1
JOZ	6.48	83	e(P)	11	53.50	-1.0
BUL	8.91	24	iPnc	12	32.50	3.8X
			lSn	14	15.30	
			lSg	15	15.00	
WIN	9.09	308	eP	12	31.00	-0.1
KRI	12.33	22	lPn	13	16.00	0.5
			lSn	15	37.00	
			lLg	16	56.00	
MTD	13.13	30	iPn	13	26.00	-0.1
			lSn	15	57.00	
			lLg	17	24.00	
TET	14.63	35	eP	13	46.00	0.3
			eSn	16	31.00	
			e	17	33.00	
			eLg	18	06.00	
S.D. = 1.2 on 8 of 11 obs.						

MAY 09, 1985 18h 22m 48.46± 0.17s
2.356 N ± 3.2km 126.777 E ± 4.6km
DEPTH = 33.0km (normal)
5.5mb (32 obs.) 5.7Msz (1 obs.)
MOLUCCA PASSAGE (266)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 22C
Centroid Location:
Origin Time 18:22:53.0 0.6
Lat 2.59N 0.09 Lon 126.61E 0.12
Dep 32.1 4.5 Half-duration 2.4
Moment Tensor; Scale 10**24 D-CM
Mrr= 2.10 0.14 Mtt=-1.21 0.28
Mff=-0.89 0.34 Mrt=-1.47 0.39
Mrf=-1.24 0.39 Mtf=-1.15 0.14
Principal Axes:
T Val= 2.83 Plg=69 Azm=140
N 0.12 0 49
P -2.95 21 319
Best Double Couple:Mo=2.9**10**24
NP1:Strike= 49 Dip=24 Slip= 89
NP2: 229 66 90

MNI	2.14	245	ePd	23	26.50	4.0X
			eS	23	59.60	
DAV	4.85	346	ePd-	24	03.00	2.0
CGP	6.40	341	eP	24	26.50	3.5X
MAP	8.39	341	eP	24	53.00	2.3
			eS	25	26.00	
KKM	11.15	290	ePc	25	32.70	3.9X
	0.9s	72.90nm				5.9mb
MAN	13.46	336	eP	26	14.00	14.4X
BAG	15.24	337	eP-	26	22.00	-1.2
MTN	15.71	164	eP	26	28.00	-1.1
	1.0s	531.00nm				5.7mb
PIP	16.98	340	eP	26	44.00	-1.2
KNA	18.10	174	iPd	26	59.30	0.2
	0.8s	513.00nm				5.7mb
MOM	21.08	102	eP	27	32.50	0.1
LEM	21.19	244	ePd	27	32.00	-1.7
	0.8s	22.39nm				4.6mb
ANP	23.25	348	eP	27	55.00	0.9
HKC	23.30	329	eP	27	54.40	-0.1
			eS	32	02.00	
WRA	23.37	162	Pc	27	54.50	-0.7
	0.7s	174.80nm				5.7mb
WB2	23.38	162	iPc	27	54.50	-0.7
			iS	32	01.20	
PMG	23.43	120	eP+	27	56.80	1.1
KGM	23.44	270	ePd	27	57.00	1.1
MCO	23.48	328	eP	27	56.20	0.1
QZH	23.80	341	eP	27	59.00	-0.3
			S	32	06.00	
LMG	24.06	118	eP	28	02.00	-0.1
M8L	24.34	196	eP	28	05.00	0.4
	0.4s	20.00nm				5.3mb
GZH	24.38	329	iPd	28	06.20	1.3
			S	32	20.00	
KVG	24.50	101	eP	28	05.50	-0.7
IPM	25.80	276	ePd	28	18.00	-0.5
ISO	26.12	152	eP	28	22.00	0.5
RAB	26.20	104	eP	28	20.00	-2.2
ASPA	26.78	165	eP	28	26.00	-1.5
	0.5s	171.00nm				5.9mb
			e	31	23.00	
			e	33	11.00	
NAU	27.09	203	iPd	28	30.50	0.3
NNT	28.64	292	eP	28	44.30	-0.1
SSE	29.07	350	P+	28	48.40	0.4
	1.0s	55.00nm				5.2mb
E	24s	2.10um				
			pP	29	02.20	55kmX
			eS	33	36.00	
CTA	29.37	140	lPc	28	51.70	0.7
	0.8s	36.19nm				5.2mb
MEK	29.88	195	eP	28	55.00	-0.4
	0.4s	42.00nm				5.6mb
WHN	30.40	338	eP	29	00.00	0.0
KHT	30.43	296	eP	29	01.00	0.6
NJ2	30.47	347	eP	29	01.00	0.5
GYA	30.78	323	P	29	04.00	0.5
			S	34	00.00	
CHTO	31.78	303	iPd	29	11.10	-1.2
	1.0s	25.50nm				5.1mb
			pP	29	17.10	21kmX
KMI	32.39	316	Pd	29	16.50	-1.3
E	16s	0.40um				
			S	34	27.00	
SHK	32.48	9	ePd	29	18.00	-0.2
MRWA	33.05	197	eP	29	22.50	-0.7
BAL	34.16	196	eP	29	33.00	0.2
KLB	34.83	194	eP	29	39.00	0.4
TIA	34.85	346	eP	29	39.00	0.3
			S	35	04.00	
OYM	34.87	18	eP	29	36.90	-2.0
SRY	35.06	18	eP	29	37.60	-2.8
HNR	35.06	110	P	29	41.00	0.3
DDR	35.39	18	eP	29	41.80	-1.6
MUN	35.59	196	eP	29	45.00	0.0
MAT	35.62	16	iPd	29	44.10	-1.1
	0.8s	59.70nm				5.6mb
			eS	35	16.00	
XAN	35.66	334	P	29	44.00	-1.6
			S	35	13.50	
RMQ	35.68	145	eP	29	44.00	-1.9
CD2	35.78	325	eP	29	46.40	-0.3
			S	35	17.00	
TSK	35.87	19	eP	29	47.20	-0.2
NWAO	36.23	194	iPc	29	51.40	1.0
	0.6s	40.00nm				5.5mb
DL2	36.68	353	Pd	29	55.00	0.9
			iS	35	35.00	
STK	36.84	159	iPd	29	54.80	-0.7

09d 18h

	0.8s	147.00nm		5.9mb		
		e	31	18.00		
RKG	37.38	193	eP	30	04.00	4.0X
TIY	37.57	341	eP	30	01.50	-0.2
CMS	38.22	153	eP	30	06.00	-1.1
	1.0s	62.00nm		5.4mb		
		e	31	33.00		
BJI	38.73	347	eP	30	11.00	-0.2
			esP	30	29.00	
			eS	36	01.00	
			esS	36	22.00	
ADE	38.78	164	iPc	30	11.70	-0.1
	0.8s	137.31nm		5.8mb		
SNY	39.40	356	iPc	30	18.00	1.2
			sP	30	36.00	
			S	36	15.00	
LZH	39.71	330	eP	30	19.50	-0.2
	2.0s	169.00nm		5.5mb		
			eS	36	18.00	
COO	40.57	146	iPd	30	27.10	0.4
	0.9s	146.00nm		5.7mb		
		e	32	02.00		
HHC	40.71	342	P	30	28.00	0.2
SHL	40.74	308	iP	30	26.60	-1.7
			eS	36	19.00	
BTO	40.98	340	eP	30	30.50	0.5
			eS	36	40.00	
CN2	41.28	359	Pc	30	32.60	0.3
			pP	30	45.00	46kmX
BFD	41.97	161	eP	30	38.00	-0.1
MDJ	42.16	3	eP	30	39.50	0.0
			pP	30	53.50	53kmX
			sP	30	59.50	
			PP	32	21.00	
			PcP	32	37.00	
			S	36	52.50	
			sS	37	12.00	
CAN	42.87	153	iPc	30	46.10	0.6
			i	31	05.90	
			i	32	25.80	
KOU	43.24	124	iPc	30	49.10	0.5
TOO	43.35	158	iPc	30	50.80	1.4
LSA	43.39	312	Pc	30	50.20	-0.1
			S	37	14.00	
WAM	43.55	154	eP	30	48.30	-2.6
GTA	44.30	330	P	30	56.50	-0.6
			PcP	32	42.10	
NOU	45.83	124	iPc	31	08.20	-1.3
PKI	46.81	306	iP	31	16.00	-1.5
KKN	47.00	307	iP	31	17.60	-1.4
DMN	47.07	306	iP	31	18.40	-1.1
TAU	48.72	160	eP	31	33.00	1.2
KOD	49.58	281	eP	31	36.80	-2.4
HNU	49.63	291	ePc	31	37.80	-1.5
	1.0s	100.00nm		5.8mb		
GBA	50.02	286	Pd	31	38.60	-3.6X
	0.8s	54.10nm		5.6mb		
WMQ	53.87	326	eP	32	09.40	-1.4
NDI	53.92	304	eP	32	08.00	-3.3X
	0.9s	41.18nm		5.5mb		
			eS	39	32.00	
SGE	54.15	114	eP	32	14.00	0.7
MSZ	59.45	147	P	32	50.00	-0.4
KRP	60.27	137	P	32	56.00	-0.2
MNG	61.61	139	eP	33	03.00	-2.3
OUE	62.92	303	eP	33	13.00	-1.4
MHI	70.38	308	eP	34	01.00	-0.6
			eS	44	00.00	
IR2	77.16	306	eP	34	40.00	-1.1
AVY	80.41	250	ePd	35	00.21	1.1
TAB	81.03	308	eP	35	03.00	1.0
SVW	81.96	29	eP	35	08.80	2.6X
TTA	82.10	27	eP	35	09.00	2.1
MAW	82.49	200	eP	35	10.00	1.2
SBA	82.98	172	iPc	35	12.90	1.8
KDC	83.06	32	P	35	12.50	0.6
BRW	83.45	18	eP	35	16.40	2.7X
MSL	83.48	306	eP	35	14.00	-0.5
IMA	83.61	24	eP	35	16.40	1.6
	1.0s	30.00nm		5.4mb		
PMR	85.12	29	P	35	21.00	-1.2
PME	85.17	28	eP	35	24.00	1.5
	1.0s	30.00nm		5.5mb		
RTB	85.77	303	ePc	35	27.50	1.4
COL	85.93	25	eP	35	27.00	0.7
AAE	87.67	279	eP	35	37.50	1.4
HRI	89.59	303	eP	35	45.00	0.3

NAI	90.03	269	eP	35	51.00	3.8X
	1.0s	40.00nm		5.6mb		
JER	90.12	302	eP	35	48.00	0.9
PRNI	90.36	300	eP	35	49.00	0.8
KEV	91.19	340	eP	35	52.00	0.9
INK	91.43	22	eP	35	52.00	-0.2
SOD	91.75	338	iP	35	53.20	-0.5
KJF	91.84	334	iP	35	54.00	-0.2
	0.7s	17.40nm		5.6mb		
SPA	92.34	180	eP	35	58.90	2.2
	1.5s	43.18nm		5.7mb		
Z	21s	2.94um		5.7Msz		
SUF	92.79	333	eP	35	59.00	0.4
NUR	93.92	331	iP	36	04.40	0.6
	0.8s	11.80nm		5.4mb		
MTD	95.64	253	eP	36	13.00	0.3
KRI	97.53	253	eP	36	21.00	-0.3
BUL	98.47	250	iPc	36	27.00	1.5
	1.0s	6.50nm		5.1mb		
DAG	98.63	352	iPd	36	24.20	-0.8
	0.7s	6.85nm		5.3mb		
LSZ	98.90	255	iPc	36	27.50	0.0
VAY	99.08	312	eP	36	26.50	-1.2
HFS	99.25	332	(P)	36	27.00	-1.1
	0.4s	1.50nm		4.9mb		
NB2	100.03	334	Pdiff	36	28.20	-3.5X
	0.9s	5.30nm		5.1mb		
YKA	100.72	25	ePdiff	36	37.60	3.0X
KSP	100.96	323	ePdiff	36	37.80	1.8
PRU	102.29	322	ePdiff	36	44.00	2.1X
BRG	102.36	323	ePdiff	36	45.20	3.0X
	1.2s	13.00nm		5.5mb		
CLL	102.77	324	e(Pdif	36	46.00	2.0
KHC	103.16	322	Pdiff	36	50.50	4.6X
			e	40	02.50	
ALQ	117.91	48	ePKP	41	35.00	0.9
LTX	122.39	53	PKP	41	40.00	-2.7X
JCT	124.91	50	ePKP	41	48.00	0.5
	1.0s	10.50nm				
KIC	130.83	280	ePKP	42	00.90	1.7
TACH	144.73	154	ePKP	42	24.00	-0.1
PCH	144.94	154	iPKPc	42	25.60	1.0
SAN	145.02	154	ePKPc	42	25.00	0.3
BACH	145.18	154	iPKPc	42	26.10	1.1
PEL	145.27	154	iPKPc	42	25.20	0.1
ROCH	145.27	153	iPKPd	42	25.80	0.4
MDZ	146.28	156	i(PKP)	42	30.10	3.3X
TCA	149.24	161	ePKPd	42	34.00	2.4X
UPA	151.46	66	ePKP	42	42.50	7.2X
YJA	156.97	150	ePKPd	42	45.80	2.6X
LPB	159.69	135	ePKP	42	41.00	-5.4X
CCH	160.40	140	ePKP	42	50.00	3.0X
ITR	163.96	246	ePKP	42	51.50	1.2
SOB1	165.98	240	ePKP	42	53.40	1.4
	S.D. = 1.1	on 130 of 152 obs.				

* MAY 09, 1985 18h 50m 22.98± 1.02s
39.299 N ±11.8km 48.771 E ±11.9km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
N.W. IRAN-USSR BORDER REGION (344)
Some damage in the Masally-Lenkaran area.

TAB	2.27	238	eP	51	04.00	4.9X
			e	51	07.00	
IR2	4.00	154	iPd	51	23.90	0.2
			eS	51	54.00	
TEH	4.12	149	ePc	51	26.50	1.2
KER	5.11	196	eP	51	39.00	-0.5
MSL	5.32	239	eP	52	03.50	21.3X
			e	53	14.40	
MHI	9.00	106	iPd	52	32.80	-0.9
	0.7s	205.48nm			6.4mb X	
			eS	54	08.00	
QUE	17.46	116	eP	54	28.70	2.9X
VAY	20.06	284	eP	54	59.00	2.9X
NDI	25.75	106	eP	55	53.80	1.5X
NB2	31.74	326	P	56	46.40	0.6
	0.8s	1.60nm			3.9mb	
PKI	32.53	100	eP	56	55.00	1.6X
GBA	35.96	127	Pc	57	36.20	13.7X
	0.8s	5.30nm				
BNG	44.20	226	iPc	58	30.10	-0.6
	1.0s	23.70nm			5.0mb	
KMI	47.15	91	Pc	58	56.00	1.6X
	S.D. = 1.1	on 6 of 14 obs.				

MAY 09, 1985 19h 05m 21.59± 0.11s
51.465 N ± 3.0km 177.913 E ± 2.3km
DEPTH = 33.0km (normal)
5.7mb (86 obs.) 6.0Msz (33 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS (6)
Ms 6.2 (BRK), 5.7 (PAS). Felt (IV) on Adak.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 29C
Centroid Location:
Origin Time 19:05:25.2 0.2
Lat 51.36N 0.03 Lon 177.99E 0.05
Dep 25.1 1.7 Half-duration 5.1
Moment Tensor; Scale 10**25 D-CM
Mrr= 1.14 0.04 Mtt=-1.55 0.05
Mff= 0.41 0.04 Mrt= 2.12 0.18
Mrf= 1.21 0.11 Mtf=-0.18 0.05
Principal Axes:
T Val= 2.73 Plg=56 Azm=314
N 0.16 14 66
P -2.89 30 164
Best Double Couple:Mo=2.8*10**25
NP1:Strike=291 Dip=19 Slip= 137
NP2: 63 77 76

SMY	2.67	300	eP	06	04.00	0.9
ADK	3.39	81	P	06	13.30	-0.1
SDN	13.44	65	eP	08	30.00	-2.1
SVW	17.45	46	eP	09	27.00	3.2X
TTA	18.05	40	eP	09	32.80	1.6
KDC	18.16	58	P	09	30.20	-2.2
IMA	20.48	34	eP	09	59.20	0.2
PMR	20.58	48	P	09	58.00	-1.8
	1.0s	300.00nm			5.6mb	
Z	20s	50.00um			5.9Msz	
PME	20.63	48	eP	09	59.50	-0.9
Z	20s	40.00um			5.8Msz	
COL	22.17	40	eP	10	16.00	0.2
			iS	14	18.00	
FBA	22.17	40	eP	10	15.70	-0.1
BRW	22.95	21	eP	10	24.20	0.7
PNL	25.10	54	eP	10	44.10	-0.3
SAP	25.98	266	eP	10	52.00	-0.7
INK	28.58	36	eP	11	15.00	-1.1
	0.8s	44.00nm			5.2mb	
TSK	30.84	255	eP	11	35.40	-1.2
DDR	31.54	256	eP	11	44.20	1.4
SRY	31.75	255	eP	11	44.60	0.1
MAT	31.78	258	eP	11	43.00	-1.8
	1.4s	211.63nm			5.8mb	
			eS	17	01.00	
OYM	31.89	255	eP	11	47.70	1.8
MDJ	32.52	277	iPc	11	48.00	-3.2X
			PP	13	00.00	
			S	17	04.00	
PHC	33.67	69	eP	12	02.50	1.4
MBC	34.30	22	iPc	12	06.20	-0.1
	0.8s	155.00nm			6.0mb	
			pP	12	20.00	54kmX
OPA	35.13	139	P	12	15.00	1.1
HON	35.46	139	P	12	24.00	7.3X
CN2	35.50	279	Pc	12	15.00	-1.9
SHK	36.49	260	eP	12	23.20	-2.2
YKA	36.66	46	eP	12	26.10	-0.3
RSNT	36.67	46	P	12	25.70	-0.8
YKC	36.72	46	eP	12	21.00	-5.9X
	0.9s	66.00nm			5.5mb	
PGC	36.88	71	eP	12	30.00	1.6
SNY	37.73	277	iPc	12	35.40	-0.2
			sP	12	49.20	
SEO	38.11	269	iPc+	12	39.10	0.2
	1.2s	187.50nm			5.8mb	
			eS	18	34.00	
PNT	38.82	68	eP	12	45.00	0.2
	0.7s	85.00nm			5.6mb	
COR	38.97	76	iPd	12	48.00	2.0
EDM	40.56	60	iP	12	57.00	-2.1
DL2	40.63	275	eP	13	00.00	0.2
			PP	14	37.00	
			eS	19	04.00	
FHC	40.64	82	eP	13	01.00	1.0
NEW	40.77	68	eP	12	59.00	-1.9
YKM	41.29	66	ePc	13	05.30	0.0
LMHM	41.63	79	P	13	09.80	1.5
WDC	41.67	81	eP	13	08.60	0.3
LHD	41.68	67	iPc	13	08.30	-0.1

09d 19h

LDM		41.72	67	eP	13	08.70	0.0				eLR	27	33.00				0.8s	195.70nm		6.3mb
CLX		41.95	67	iPc	13	10.50	-0.3	MWC	48.41	85	eP	14	03.00	0.4		Z	18s	20.30um		6.3Msz
MIN		42.38	81	eP	13	14.10	-0.3	GSC	48.49	83	eP	14	03.00	0.0		N	17s	6.72um		
ALE		42.90	10	ePc	13	17.50	-0.4	RVR	48.99	85	eP	14	07.00	0.3		E	17s	4.46um		
		0.8s	144.00nm				5.8mb	SLBC	49.72	85	eP	14	13.20	0.9				iS	23	43.00	
ORV		42.92	82	eP	13	17.80	-0.7	PLM	49.73	85	eP	14	12.00	-0.7	RLO		61.03	67	eP	15	32.80	-1.3
SES		43.16	62	ePc	13	18.50	-1.9	TPC	49.74	84	eP	14	13.00	0.4	CHI		61.13	58	P	15	33.00	-1.7
BJI		43.34	280	eP	13	21.50	-0.4	ANP	49.92	260	iP+	14	14.00	-0.1	SCH		61.22	37	ePc	15	33.00	-2.2
	Z	21s	20.30um				6.0Msz				eS	21	28.00				0.9s	120.00nm			6.0mb
	N	19s	19.40um					BAR	50.30	85	eP	14	16.00	-0.9	KMI		61.67	275	Pc+	15	36.50	-2.4
	E	20s	12.20um					WHN	50.60	271	Pc	14	17.50	-1.5			8.0s	2.40nm			3.4mb X
			PP	15	05.00						sP	14	32.50			E	20s	7.50um		
			PcP	15	08.50						S	21	36.00					pP	15	50.00	48kmX
			eS	19	48.00			RSSD	50.62	66	P	14	16.80	-2.5				PP	17	54.00	
			eSS	22	54.00			GLA	51.20	84	eP	14	23.00	-0.7				S	24	00.00	
BKS		43.48	84	eP	13	24.00	0.9	DAG	51.60	5	iPd	14	24.00	-2.1	QIZ		61.71	265	eP	15	39.10	0.2
		0.8s	109.00nm				5.7mb		0.9s		11.76nm			4.8mb	JCT		62.21	75	eP	15	40.80	-1.4
	Z	20s	20.00um				6.0Msz				iS	21	10.00				1.0s	205.00nm			6.2mb
	N	20s	9.00um								i	22	05.00			Z	22s	25.56um			6.3Msz
	E	20s	22.00um					XAN	51.62	279	eP	14	25.50	-1.4	KJF		62.36	346	iPc+	15	41.50	-1.1
			e	16	42.00						PP	16	25.50				0.8s	92.40nm			6.0mb
			e	18	54.50						S	21	49.50			Z	22s	11.90um			6.0Msz
			eS	19	52.00						ScS	25	42.50					i	15	47.80	
			eLQ	23	14.00			QZH	51.91	263	Pc	14	28.00	-1.0				ePPP	19	32.00	
			eLR	25	04.00						PP	16	23.00					eS	24	08.00	
GCC		44.16	85	eP	13	29.70	1.1	RSON	52.07	53	P	14	26.00	-4.0X				esS	24	36.00	
MHC		44.18	84	eP	13	28.80	-0.2		Z	18s	12.90um			6.0Msz				eScS	25	24.00	
ARN		44.24	04	P	13	29.00	-0.4	GOL	52.61	71	P	14	32.40	-2.1				eP'P'	44	39.00	
JAS1		44.58	83	eP	13	31.70	-0.3		Z	18s	13.00um			6.0Msz				LR	45	00.00	
SAO		44.67	85	eP	13	32.60	-0.2	GLD	52.66	71	P	14	32.80	-2.1	SVO		62.36	200	eP	15	42.00	-1.1
LRM		44.77	69	eP	13	31.90	-1.9		Z	18s	14.72um			6.1Msz	FVM		62.37	63	P	15	41.00	-2.1
BMN		45.02	78	P	13	34.00	-1.8	LZH	53.37	284	Pc	14	39.00	-1.1	JAY		62.37	223	ePd	15	43.50	0.2
		1.0s	215.00nm				6.0mb		E	19s	16.90um				BHO		62.38	69	eP	15	43.20	0.0
TIA		45.11	275	P	13	35.80	-0.5				pP	14	49.50	35kmX	VSG		62.48	200	P	15	44.00	0.1
			PP	15	22.00						eS	22	16.00		AKU		62.53	7	eP	15	40.40	-3.3X
			PcS	19	10.00			GDH	53.84	20	iPd	14	43.20	0.4			0.9s	36.97nm			5.5mb
			S	20	14.00				0.9s		50.42nm			5.5mb		Z	20s	10.64um			6.0Msz
PRI		45.53	85	eP	13	40.00	0.1		Z	19s	11.46um			6.0Msz				i	15	45.70	
FRI		45.60	83	eP	13	39.70	-0.5				iS	22	15.00					e	24	31.10	
MNA		45.67	81	eP	13	40.20	-0.7	FRB	54.01	30	ePc	14	42.30	-1.8	HNR		62.61	200	eP	15	44.00	-0.7
HHC		45.68	284	iPc	13	40.50	-0.4		0.9s		159.00nm			6.0mb				eS	24	08.00	
FFC		45.75	53	eP	13	39.00	-2.1	ALQ	55.08	76	eP	14	51.00	-1.7	MDG		62.83	217	eP	15	48.00	1.8
		1.1s	18.00nm				4.9mb		1.3s		133.17nm			5.8mb	REY		63.70	10	iP	15	52.80	1.4
SSE		45.94	266	iPc+	13	42.50	-0.4		Z	22s	17.59um			6.1Msz	SUF		63.99	346	iP	15	52.00	-1.4
		1.2s	195.00nm				5.9mb	PIP	55.61	256	ePc	14	55.00	-1.3			0.8s	94.00nm			5.9mb
	Z	20s	14.30um				5.9Msz	LHC	55.85	54	iPd	14	57.00	-0.8	OTT		64.57	48	eP	16	00.00	2.6
	N	20s	11.80um						0.8s		90.00nm			5.9mb	LMG		65.38	213	eP	16	03.00	0.0
	E	22s	4.90um					GZH	56.53	266	Pc	15	02.20	-0.7	LSA		65.46	287	P	16	03.80	-0.1
			pP	13	55.00	46kmX		HKC	56.59	264	eP	15	03.30	0.0				S	24	52.00	
			PcP	15	19.00						eS	22	53.00		MNT		65.46	47	iP	16	00.50	-2.6
			PP	15	32.00			CD2	56.94	279	eP	15	04.70	-1.2	PMG		66.19	213	eP	16	08.00	0.0
			eS	20	26.50						PP	17	14.00		NUR		66.33	346	iPc+	16	07.00	-1.4
			ScS	23	32.00						S	22	56.00				0.8s	101.20nm			6.0mb
GUMO		46.21	227	e(P)	13	44.38	-0.7	BAG	57.10	254	eP+	15	06.00	-1.3		Z	22s	17.90um			6.2Msz
			eS	20	25.00						eS	23	00.00					ePP	18	34.00	
PJG		46.21	227	e(P)	13	43.20	-1.9	KEV	57.24	348	iP+	15	06.00	-1.4				ePPP	20	12.00	
			pP	13	56.30	49kmX			0.7s		30.70nm			5.4mb				eS	24	56.00	
GUA		46.23	227	e(P)	13	42.50	-2.8		Z	24s	16.90um			6.1MszX				esS	25	32.00	
		0.7s	76.71nm				5.8mb				i	15	10.50					eSS	29	00.00	
	Z	19s	12.36um				5.9Msz				ePP	17	16.00					eP'P'	44	37.00	
EUR		46.36	78	iP	13	46.00	-0.5				eS	23	00.00					LR	45	16.00	
		0.5s	21.28nm				5.4mb				esS	23	52.00		KSH		66.82	305	iPc	16	12.00	-0.1
NJ2		46.75	269	iPc	13	49.00	-0.3				eSS	27	00.00					sP	16	25.00	
			sP	14	02.00						LR	38	00.00					S	25	08.00	
			S	20	36.00			WMQ	57.55	301	iPc	15	09.10	-1.0				PS	25	24.00	
			ScS	23	38.00						S	23	08.00		NB2		67.34	353	P	16	11.00	-3.9X
BTO		46.77	284	iPc	13	50.00	0.5	MAN	58.17	252	eP	15	26.50	12.0X			0.9s	93.50nm			5.9mb
			S	20	42.00			TRO	58.24	352	iP	15	13.40	-1.0	KKM		67.88	251	ePc	16	18.90	-0.1
CWC		46.97	83	eP	13	42.00	-9.2X	GYA	58.26	274	Pc	15	14.00	-1.3	UPP		67.89	349	iPd	16	17.30	-1.0
SYP		47.02	86	eP	13	53.00	1.4				sP	15	28.00					iS	25	13.00	
TIY		47.07	280	iPc	13	52.10	0.3				PP	17	25.00		HFS		68.03	352	eP	16	17.50	-1.7
			PP	15	44.00						S	23	20.00				0.9s	80.90nm			5.8mb
			PcS	19	21.50						PS	23	35.00			Z	17s	8.43um			6.0MszX
ISA		47.22	84	eP	13	50.00	-3.0X				ScS	25	03.00					LR	39	41.00	
CLC		47.66	83	eP	13	56.00	-0.6	KVG	58.57	212	eP	15	17.00	-0.3	SHL		68.04	284	iP	16	18.00	-2.0
DUG		47.85	75	P	13	58.70	0.6	MOM	59.27	216	eP	15	21.00	-1.2				eS	25	20.00	
BDW		48.22	70	P	13	58.80	-2.2	SOD	59.53	348	iPc	15	22.00	-1.4	BER		68.34	356	iP	16	13.00	-8.1X
		1.0s	166.00nm				6.0mb				eP'P'	44	44.00		BLA		68.36	57	eP	16	20.60	-1.1
			pP	14	13.00	54kmX		RAB	59.65	210	iP-	15	24.00	-0.7			1.0s	25.00nm			5.3mb
SBB		48.25	84	eP	14	01.00	-0.2				iS	23	36.00		CHTO		68.69	274	eP	16	22.10	-1.8
PAS		48.39	85	eP	14	01.00	-1.2	MAP	59.91	247	eP	15	27.00	0.4			1.1s	53.30nm			5.5mb
			ePcP	15	26.00			OCO	60.05	70	eP	15	28.70	1.2				pP	16	37.70	56kmX
			ePP	16	00.00			BGA	60.62	206	eP	15	32.00	0.5	SGE		68.75	180	iP	16	25.00	0.8
			ePcS	19	22.00			LTX	60.67	79	P	15	30.40	-1.4	KONO		68.84	354	iP	16	24.00	-0.2
			iS	21	00.00				Z	20s	10.09um			6.0Msz	NDF		68.92	180	eP	16	27.00	1.9
			eScS	23	38.00			PAA	60.67	206	eP	15	29.00	-2.8	VUN		69.17	179	ePc	16	26.90	0.3
			iLg	24	45.00			TUL	60.77	68	eP+	15	30.00	-2.3	SVA		69.28	179	eP	16	28.60	1.3

KKN 70.34 290 iPc 16 33.80 -0.4
IIC 70.38 83 ePc 16 35.00 0.4
PKI 70.43 290 iPc 16 34.40 -0.4
OXM 70.46 83 iP 16 35.50 0.4
DMN 70.58 290 iPc 16 35.60 -0.1
TPM 71.09 83 ePc 16 39.00 0.3
III 71.29 84 ePc 16 39.00 -1.0
KHT 71.94 271 eP 16 44.10 0.5
MUD 72.04 353 iP 16 44.80 1.2
1.0s 68.00nm 5.6mb
STJ 72.21 33 eP 16 44.50 -0.2
COP 72.54 351 eP+ 16 46.00 -0.6
Z 19s 8.33um 6.0Msz
iS 26 08.00
PMO 72.58 145 iP 16 48.60 1.4
0.9s 80.00nm 5.7mb
TPT 72.66 145 iP 16 49.10 1.4
0.9s 120.00nm 5.9mb
KOU 72.70 193 iPd 16 49.10 1.2
VAH 72.89 145 iP 16 50.40 1.3
0.9s 95.00nm 5.8mb
NNT 72.90 269 eP 16 47.50 -1.8
RUV 72.94 145 iP 16 50.80 1.5
0.9s 85.00nm 5.7mb
BOK 73.00 287 eP 16 46.00 -3.8X
iS 26 15.00
EKA 73.57 1 Pd 16 53.60 1.0
0.9s 32.60nm 5.3mb
VHO 73.85 83 ePc 16 56.50 1.5
NOU 74.14 191 iPc 16 57.00 0.8
AFR 74.29 148 iP 16 58.60 1.5
0.9s 250.00nm 6.2mb
NDI 74.31 296 iPc 16 55.50 -1.8
1.2s 70.31nm 5.5mb
Z 20s 16.67um 6.3Msz
eS 26 30.00
DMU 74.93 3 eP 17 00.70 0.2
1.0s 110.00nm 5.8mb
PBJ 75.28 82 iPd 17 03.50 0.5
DLE 75.55 3 eP 17 02.80 -1.2
1.2s 145.00nm 5.9mb
BRN 75.69 350 ePc 17 05.00 0.2
MTN 75.79 227 eP 17 04.00 -1.8
e 17 19.00
WIT 75.84 355 eP 17 08.50 2.9X
CTA 76.46 210 iPc 17 09.60 0.1
1.3s 240.38nm 6.0mb
DBN 76.63 355 eP 17 11.00 0.9
7.0s 4.40nm 3.6mb X
Z 20s 3.10um 5.6Msz
ePS 27 46.00
eSS 32 22.00
WTS 76.64 354 eP 17 11.00 0.8
1.0s 39.00nm 5.4mb
CLL 76.81 350 iP 17 10.60 -0.5
KSP 76.88 348 ePc 17 10.80 -0.8
0.8s 30.00nm 5.4mb
KRA 77.13 346 eP 17 13.10 0.1
0.8s 83.00nm 5.8mb
Z 24s 14.30um 6.2MszX
N 24s 11.30um
E 24s 7.00um
i 17 15.70
i 17 20.70
i 17 25.90
e 22 14.00
e 27 49.00
BRG 77.13 350 iP 17 12.80 -0.2
1.1s 35.00nm 5.3mb
Z 17s 4.50um 5.9MszX
N 17s 5.00um
E 17s 5.50um
i 17 29.00
eS 27 02.00
MHI 77.33 313 eP+ 17 15.00 0.6
Z 19s 38.19um 6.7Msz
eS 26 20.00
COM 77.44 80 iP 17 27.40 12.0X
MOX 77.60 351 eP+ 17 15.50 -0.1
1.4s 52.00nm 5.4mb
Z 18s 5.60um 5.9Msz
N 17s 5.90um
E 16s 2.70um
e 17 32.00
eS 27 06.00
ePS 27 52.00
eSS 32 20.00
PLH 77.63 354 ePd 17 17.00 1.4
BNS 77.65 354 eP 17 16.80 1.0
AJM 77.75 297 iP 17 17.00 0.3
ENN 77.92 355 eP 17 16.50 -0.7
1.0s 69.00nm 5.6mb
SPC 77.93 345 eP 17 17.80 0.2
PRU 77.94 349 P 17 17.50 0.1
1.0s 21.70nm 5.1mb
Z 18s 6.80um 6.0Msz
N 18s 4.80um
E 18s 2.60um
ePP 20 12.00
S 27 07.00
PS 28 00.00
MEM 78.07 355 Pc 17 19.00 0.9
IPM 78.27 263 ePd 17 20.10 0.4
TNS 78.29 353 eP 17 19.60 0.2
JOS 78.55 345 iPc 17 21.10 0.3
0.8s 19.00nm 5.2mb
GRF 78.59 351 iPc 17 21.40 0.4
Z 22s 6.60um 5.9Msz
e 17 24.10
DOU 78.66 356 P+ 17 21.40 0.1
Z 18s 4.40um 5.8Msz
e 17 34.00
e 20 37.00
S 27 18.00
QUE 78.66 304 iPc+ 17 22.00 0.0
eS 27 20.00
KGM 78.85 259 ePd 17 24.00 1.1
KHC 78.89 350 iPc 17 22.60 -0.1
1.0s 64.00nm 5.6mb
Z 18s 3.50um 5.7Msz
N 18s 2.20um
E 18s 2.00um
S 27 20.00
WET 78.96 350 eP 17 23.90 0.8
Z 20s 4.90um 5.8Msz
eS 27 24.50
WLF 79.01 355 P 17 23.40 0.2
PSZ 79.22 345 eP 17 24.00 -0.6
ISO 79.35 216 iPc 17 25.20 -0.2
e 17 38.00
ZST 79.37 347 eP 17 26.50 1.3
e 17 29.50
i 17 41.50
VKA 79.41 348 iPc 17 26.00 0.5
ipP 17 38.30 41kmX
i 20 42.00
e 27 21.00
KNA 79.42 228 eP 17 26.00 0.2
SRO 79.57 346 eP 17 27.60 1.3
N 18s 7.80um
E 18s 7.00um
e(S) 26 30.00
BUD 79.78 346 ePc 17 26.40 -1.1
BUH 79.85 353 eP 17 27.30 -0.6
KMR 79.89 349 eP 17 28.00 -0.1
e 26 15.00
ODB 79.93 340 eP 17 34.00 5.7X
SOP 79.94 347 e(P)c 17 29.00 0.7
CVO 80.07 340 ePc 17 30.00 0.9
FUR 80.09 351 iPc 17 30.30 1.1
FLN 80.14 359 iPd 17 29.20 -0.2
1.0s 69.60nm 5.6mb
MSR 80.15 341 eP 17 30.00 0.5
CDF 80.18 354 eP 17 29.70 0.0
0.8s 22.50nm 5.2mb
LDF 80.31 359 eP 17 30.20 -0.1
1.1s 78.10nm 5.6mb
MLR 80.44 340 iPd 17 32.00 0.8
GRR 80.52 359 iPd 17 30.80 -0.6
1.1s 70.40nm 5.6mb
HAU 80.65 354 eP 17 32.20 0.1
1.1s 30.00nm 5.2mb
WB2 80.68 221 eP 17 30.70 -1.8
WRA 80.69 221 Pc 17 30.50 -2.1
1.0s 63.10nm 5.6mb
SLE 80.73 353 eP 17 32.10 -0.5
BSF 80.79 354 iPd 17 33.00 0.0
1.0s 40.70nm 5.4mb
CMP 80.84 341 iPc 17 37.00 3.8X
LPF 80.88 359 eP 17 33.80 0.5
1.1s 49.70nm 5.4mb
COZ 80.93 341 ePc 17 35.00 1.2
KBA 80.94 349 iPc 17 34.10 0.2
0.9s 168.00nm 6.0mb
ic 17 34.60
i 17 36.70
i 17 42.30
i 17 51.20
e 20 29.00
i 20 34.70
i(PP) 20 40.90
ZUL 81.02 353 eP 17 34.70 0.5
TAB 81.30 323 eP 17 37.00 1.1
TEH 81.33 319 eP 17 37.00 0.9
BUC 81.43 340 iPc 17 36.00 -0.2
CLO 81.46 342 iPd 17 38.00 1.6
LOR 81.52 356 eP 17 36.90 0.2
GRC 81.52 356 iPc 17 37.00 0.4
i 17 56.90
GCM 81.58 70 P 17 38.70 1.3
LLS 81.58 352 eP 17 38.20 0.9
IR2 81.60 319 eP 17 38.00 0.6
OSS 81.66 352 eP 17 37.80 0.1
PSN 81.67 338 iPd 17 41.00 3.6X
CGN 81.69 340 eP 17 39.00 1.4
SSF 81.74 356 iPd 17 38.00 0.2
1.0s 42.80nm 5.4mb
RMQ 81.75 206 eP 17 38.00 0.0
e 17 52.00
LBF 81.79 356 iPd 17 38.10 -0.1
1.0s 20.30nm 5.1mb
LJU 81.82 348 eP 17 36.20 -2.1
e 17 40.40
e 18 51.00
eS 27 47.00
VOY 81.91 349 eP 17 38.20 -0.7
e 18 52.30
VDL 81.92 352 eP 17 39.80 0.7
AVF 82.01 356 iPd 17 39.80 0.6
0.9s 35.80nm 5.4mb
SMF 82.14 356 eP 17 40.40 0.5
1.0s 60.00nm 5.6mb
CTI 82.15 350 eP 17 40.00 -0.1
HYB 82.24 288 ePc 17 40.00 -0.9
1.0s 95.00nm 5.8mb
TRI 82.25 349 iPc 17 40.00 -0.4
ipP 17 58.00 65kmX
ePP 20 56.00
e 23 00.00
iS 27 50.00
isS 28 20.00
iSP 28 54.00
eSS 33 16.00
eSSS 36 44.00
BGF 82.27 357 iPd 17 40.80 0.2
1.1s 33.80nm 5.3mb
MFF 82.30 359 eP 17 40.40 -0.3
1.0s 52.00nm 5.5mb
MMK 82.48 353 eP 17 42.80 0.8
DIX 82.49 353 eP 17 43.70 1.6
EMS 82.54 354 eP 17 43.50 1.3
TCF 82.56 357 eP 17 42.70 0.6
1.0s 19.60nm 5.1mb
LSF 82.62 357 eP 17 42.60 0.2
1.0s 50.00nm 5.5mb
MZF 82.62 357 eP 17 42.40 0.0
1.0s 39.60nm 5.4mb
SAL 82.70 351 eP 17 43.00 0.2
PVL 82.84 340 iPd 17 44.00 0.4
ORO 82.90 353 eP 17 46.50 2.5
JMB 83.18 339 eP 17 48.00 2.6
LEM 83.26 250 ePd 17 43.00 -3.3X
DMK 83.53 338 iP 17 47.70 0.5
RJF 83.56 357 eP 17 47.80 0.5
1.2s 38.00nm 5.4mb
VTS 83.77 342 iPc 17 48.00 -0.3
DIM 83.81 340 iPd 17 52.00 3.5X
CAF 83.92 357 iPd 17 49.90 0.7
1.1s 53.70nm 5.6mb
LFF 83.95 358 eP 17 49.80 0.6
1.1s 83.20nm 5.8mb
MSL 83.96 325 iPd 17 50.00 0.6
iPcP 18 03.60
ePP 20 38.00
eS 26 36.80
ePS 28 02.40
LPO 84.19 358 eP 17 50.90 0.4
1.0s 85.60nm 5.9mb
ASPA 84.20 220 eP 17 50.00 -0.6
e 26 36.00
KDZ 84.24 340 iP 17 53.00 2.2

09d 19h

KER	84.26	321	ePcP	17	52.00	0.8	TOL	89.02	2	iP	18	14.00	-0.2	BUL	140.58	311	ePKP	24	43.70	-5.7X
BOM	84.44	293	ePcP	17	54.00	2.0				ePP	21	45.00		SPA	141.28	180	e(PKP)	24	43.00	-6.3X
			eScS	28	11.00					ePPP	23	48.00					e	27	45.00	
MFT	84.62	338	iP	17	53.30	0.5				iS	28	48.00					e	33	30.00	
MMB	84.64	341	iPcP	17	53.00	0.2				iPS	30	45.00		MAW	145.29	218	iPKPd	24	56.00	0.1
TTG	84.66	344	ePcP	17	51.00	-1.8				eSS	35	24.00					e	33	41.00	
			e(S)	28	14.00		KRP	89.04	182	P	18	15.00	1.1	SLR	145.46	306	iPKPc	24	57.00	-0.7
BBJ	84.69	67	ePcP	17	55.54	2.2	HRI	89.31	329	ePcP	18	15.50	-0.3		1.0s		335.00nm			
SKO	84.72	343	iPcP	17	53.50	0.4	WBN	89.46	225	ePcP	18	17.50	1.3		Z 20s		5.67um			6.3Msz
	1.0s	100.00nm				6.0mb	CAN	90.07	203	ePcP	18	20.50	1.6	EVA	145.69	305	iPKPc	24	58.00	-0.2
			i	17	55.80		NPS	90.28	338	ePcP	18	20.00	-0.2		0.8s		197.01nm			
			iPP	21	07.00		ALI	90.55	359	iP-	18	06.00	-15.3X	BPI	145.95	306	iPKPc	24	53.70	-4.9X
			iS	28	22.00					ePP	21	50.00			1.0s		150.00nm			
COD	84.84	202	ePcP	17	55.00	1.3	UPA	90.76	75	ePc	18	23.00	0.4	AIA	146.16	138	e(PKP)	25	04.00	6.6X
KCT	84.88	337	ePcP	17	54.00	0.0		0.6s		48.00nm			6.0mb	KSR	146.26	308	ePKP	24	59.90	0.8
BNT	84.88	337	iP	17	54.30	0.3		Z 20s		3.26um			5.8Msz		1.0s		129.00nm			
EDC	84.90	337	iP	17	54.90	0.8		N 21s		2.87um				BFS	147.17	307	ePKP	25	01.20	0.7
RKT	84.99	137	ePcP	17	57.00	2.5		E 20s		2.13um					1.1s		367.09nm			
	1.6s	70.00nm				5.6mb	JER	90.87	329	ePcP	18	23.50	0.5	WIN	147.54	326	ePKP	25	04.50	3.2X
FRF	85.05	354	ePcP	17	55.50	0.7	WAM	90.93	203	ePcP	18	24.40	1.7		1.5s		305.56nm			
	1.0s	58.30nm				5.7mb	SJG	91.10	59	i(P)d	18	25.00	0.8		Z 20s		6.74um			6.4Msz
SRS	85.12	341	ePcP	17	56.30	1.1		Z 20s		5.67um			6.0Msz	VIR	148.10	306	ePKP	25	04.20	2.3
VAY	85.13	342	iP	17	55.30	0.1	GIE	91.69	89	(P)	18	29.40	2.6		1.0s		144.00nm			
LRG	85.18	354	ePcP	17	56.10	0.7				S	29	00.00		SYO	153.68	213	ePKP	25	18.40	9.7X
	1.2s	74.30nm				5.8mb	CRT	91.71	1	ePcP	18	26.50	-0.3	SNA	161.08	180	e(PKP)	25	18.00	0.4
STH	85.19	67	ePcP	17	58.79	2.9X	MNG	91.73	182	ePcP	18	25.10	-1.2		S.D. = 1.1		on 370 of 407 obs.			
KNT	85.22	341	ePcP	17	55.70	0.0				(pP)	18	38.00	43kmX							
GWJ	85.24	67	ePcP	17	57.49	1.3	MAL	92.16	2	iP+	18	29.00	0.3		MAY 09, 1985 19h 14m 07.77± 0.14s					
HOJ	85.29	67	ePcP	17	56.79	0.5				iPP	22	05.00			51.302 N ± 3.8km 178.024 E ± 2.5km					
LMR	85.29	354	ePcP	17	56.70	0.7				iS	29	36.00			DEPTH = 33.0km (normal)					
	1.1s	74.10nm				5.8mb				iPS	30	50.00			5.4mb (67 obs.) 6.0Msz (1 obs.)					
DST	85.42	337	ePcP	17	56.20	-0.6				iSS	35	40.00			RAT ISLANDS, ALEUTIAN ISLANDS (6)					
GRG	85.51	342	ePcP	17	57.80	0.6	PRNI	92.25	329	ePcP	18	29.00	-0.3		Ms 5.9 (BRK). Felt (III) on					
ALT	85.56	335	iP	17	57.50	-0.1	SFS	92.37	3	ePcP	18	30.00	0.3		Adok.					
AQU	85.59	349	e(P)	18	01.00	3.4X				ePP	22	30.00								
MNS	85.65	349	iPcP	17	58.00	0.2				eS	29	40.00		SMY	2.81	302	P	14	51.60	0.3
OHR	85.67	343	ePcP	18	00.50	2.5				ePS	31	36.00		ADK	3.35	78	P	14	59.40	0.4
			e	18	18.80		ADE	92.69	211	e(P)	18	29.20	-1.7	TTA	18.13	40	P	18	20.20	1.9
			eScS	28	24.50			0.9s		35.29nm			5.8mb	PMR	20.64	47	P	18	44.50	-2.1
OUR	85.79	340	ePcP	17	55.30	-3.2X	MEK	93.57	231	ePcP	18	35.00	-0.2	COL	22.25	39	ePcP	19	03.00	0.2
EPF	85.86	358	ePcP	17	58.80	-0.1	TOV	95.86	66	iP	18	48.20	2.0		0.8s		105.60nm			5.3mb
	1.1s	18.00nm				5.2mb		1.0s		228.00nm			6.6mb	FBA	22.25	39	P	19	03.00	0.2
CVF	85.86	352	iPd	17	59.40	0.5	SDV	96.11	68	ePcP	18	46.90	-0.6	BRW	23.08	21	P	19	11.40	0.5
GBA	85.89	287	Pc	17	58.00	-1.3	CAR	96.90	64	ePcP	18	50.00	-1.0	INK	28.68	35	ePcP	20	03.00	-0.1
	0.8s	56.80nm				5.8mb	BOG	97.50	73	ePcP	18	53.50	-0.4		0.9s		41.00nm			5.1mb
MLS	85.92	358	ePcP	18	02.00	2.9X				eScS	29	26.00		MAT	31.81	258	iPcP	20	30.70	-0.6
SHI	86.07	315	ePcP	18	00.00	-0.3	PSO	98.24	78	ePcP	18	58.50	1.2		1.0s		72.00nm			5.5mb
DUI	86.14	348	ePcP	18	01.50	1.3	LPB	117.68	82	PKP	24	21.00	14.6X	MBC	34.42	22	iPcP	20	53.30	-0.2
PAIG	86.24	340	ePcP	17	55.90	-4.9X		Z 19s		4.17um			6.1Msz		0.8s		132.00nm			5.9mb
KZN	86.26	342	ePcP	18	00.00	-1.0	CCH	119.54	81	ePKP	24	27.00	17.2X				pP	21	08.00	58kmX
BHD	86.27	323	iP	18	03.00	2.0	NAI	120.27	313	ePKP	24	14.00	2.8X	CN2	35.60	279	Pc	21	02.40	-1.5
			iPcP	18	15.00			1.0s		20.00nm				RSNT	36.73	46	P	21	12.60	-0.6
			ePP	21	26.00		BNG	121.59	336	iPKPd	24	13.90	0.5		0.9s		46.22nm			5.4mb
			iS	28	30.00			1.0s		23.70nm				YKC	36.78	46	ePcP	21	14.00	0.3
			iPS	28	57.00		KIC	122.36	3	ePKP	24	14.10	-0.8		0.8s		28.00nm			5.2mb
LIT	86.32	341	ePcP	18	01.90	0.7	YJA	123.52	84	ePKPd	24	16.00	-1.5	PGC	36.87	70	ePcP	21	16.00	1.5
PRK	86.32	338	ePcP	18	02.00	0.8	SOB1	127.25	51	ePKP	24	25.20	0.8	PNT	38.82	68	ePcP	21	30.00	-0.9
IZM	86.90	337	ePcP	18	05.00	0.9		0.7s		5.40nm					0.8s		43.00nm			5.3mb
BCK	86.93	335	ePcP	18	04.10	-0.2				e	24	36.90		EDM	40.58	59	iP	21	44.00	-1.4
CMS	87.29	207	ePcP	18	07.00	1.3				e	25	15.00			0.5s		47.00nm			5.5mb
			e	18	20.00		ROCH	127.71	97	ePKP	24	25.00	0.0	FHC	40.60	82	ePcP	21	47.60	1.8
ORI	87.44	346	ePcP	18	07.00	0.5	PEL	128.03	97	iPKPc	24	26.00	0.6	DL2	40.72	275	Pc	21	46.20	-0.5
PTO	87.60	5	iPKPc	18	08.00	0.7	ITR	128.04	48	ePKP	24	25.30	-0.6	NEW	40.77	68	ePcP	21	46.00	-1.1
ELL	87.79	335	iP	18	11.10	2.6		1.0s		8.00nm				WDC	41.62	81	iPcP	21	55.00	0.9
YER	87.84	336	iP	18	07.90	-0.8				e	24	27.90		GAS	42.06	82	P	21	59.00	1.2
RTB	87.93	326	iPd	18	11.00	2.0				e	24	30.80		MIN	42.34	81	ePcP	22	00.80	0.6
			e	21	41.50					i	24	39.30		ORV	42.87	81	iPcP	22	04.80	0.4
			eSKS	28	39.50		TACH	128.21	98	ePKP	24	26.00	0.3	ALE	43.05	10	ePcP	22	04.50	-0.8
			eSKKS	28	58.00		BACH	128.29	97	iPKPc	24	26.90	1.0		0.6s		29.00nm			5.2mb
			e	29	07.00		PCH	128.45	98	ePKP	24	27.00	0.8	BKS	43.43	84	ePcP	22	10.10	1.2
			e	30	11.00		BAO	128.93	63	PKP	24	27.80	0.2		0.9s		109.00nm			5.6mb
EBR	88.07	358	ePcP	18	10.00	0.5	MDZ	128.99	96	ePKP	24	15.20	-12.1X		Z 20s		19.00um			6.0Msz
			ePP	21	43.00		SBA	129.23	183	iPKPc	24	27.20	0.9		N 20s		8.00um			
			eScS	28	55.00		AVY	129.31	291	ePKP	24	29.93	1.6		E 20s		11.00um			
ATH	88.11	340	iPcP	18	10.00	0.2	TCA	130.61	91	ePKPd	24	31.00	0.6	BJI	43.43	280	ePcP	22	08.00	-0.9
RIV	88.13	202	ePcP	18	11.00	1.4	TET	134.75	308	ePKP	24	51.00	12.5X	GCC	44.10	85	ePcP	22	13.80	-0.5
MBL	88.35	232	ePcP	18	10.00	-1.0				e	27	23.00		MHC	44.13	84	ePcP	22	15.30	0.6
	0.7s	17.00nm				5.5mb	MTD	136.27	310	ePKP	24	40.00	-1.5	ARN	44.19	84	P	22	15.00	-0.1
MTE	88.39	4	ePcP	18	12.50	1.3	LSZ	136.52	315	iPKPc	24	42.20	0.1	JAS1	44.53	83	ePcP	22	18.40	0.6
KOD	88.51	284	ePcP	18	11.00	-1.4				i	24	46.20		SAO	44.61	85	ePcP	22	19.20	0.7
			eScS	28	38.00					i	27	44.00		LRM	44.77	68	ePcP	22	18.50	-1.5
VLS	88.55	342	ePcP	18	12.50	0.5				i	33	28.50		PRS	44.93	85	ePcP	22	21.40	0.3
BHL	88.76	329	P	18	14.50	1.4				i	36	10.40		BMN	44.99	78	P	22	22.00	0.3
			SKS	28	42.50		LPA	137.15	90	ePKP+	24	40.00	-2.5		0.9s		74.22nm			5.6mb
			ScS	29	04.00			Z 20s		2.84um			6.0Msz	TIA	45.19	275	Pc	22	23.50	0.4
STK	88.93	210	iPcP	18	14.80	1.3	KRI	137.24	312	ePKP	24	43.00	-0.4				pP	22	34.30	37kmX
			e	18	28.00		RDJ	137.41	64	ePKP	24	31.20	-12.2X	PRI	45.49	85	eP	22	26.50	0.8

FRI	45.55	83	eP	22	26.30	0.3	NOU	73.99	191	iPc	25	42.00	0.5	VOY	82.09	349	eP	26	25.50	-0.4
MNA	45.62	80	iPc	22	27.40	0.7	PBJ	75.23	82	iP	25	50.50	1.6	AVF	82.18	356	iPc	26	26.50	0.2
HHC	45.78	284	P	22	28.40	0.5	WIT	76.00	355	eP	25	54.00	1.2		1.0s	32.00nm			5.3mb	
SSE	46.00	267	iPc	22	30.20	0.7	WTS	76.81	354	eP	25	57.00	-0.3	SMF	82.31	356	iPc	26	27.10	0.1
	1.0s	167.00nm			5.9mb			0.8s	10.00nm			4.9mb			0.9s	44.20nm			5.5mb	
EUR	46.33	78	iP	22	33.50	1.1				e	26	12.00		CTI	82.32	350	eP	26	27.50	0.3
NJ2	46.82	269	Pd	22	36.00	0.0				e	26	21.00		HYB	82.36	288	ePc	26	27.00	-0.7
CWC	46.92	83	eP	22	37.00	0.0	CLL	76.98	350	iPd	25	57.80	-0.5		0.8s	84.60nm			5.8mb	
TIY	47.17	280	P	22	39.30	0.5				i	26	08.50					e	26	43.50	
ISA	47.17	84	eP	22	38.00	-0.8	KSP	77.06	348	ePd	25	58.50	-0.2	TRI	82.42	349	eP	26	27.50	0.0
CLC	47.61	83	eP	22	42.00	-0.3	BRG	77.31	350	iP	25	59.90	-0.2	BGF	82.43	357	iPc	26	28.00	0.4
SBB	48.20	84	eP	22	48.00	1.1		1.2s	25.00nm			5.1mb			1.0s	55.70nm			5.6mb	
BDW	48.21	70	P	22	46.00	-1.1	KRA	77.31	346	eP	26	00.30	0.2	MFF	82.47	359	eP	26	27.50	-0.3
			pP	22	59.40	50kmX				i	26	02.30			0.9s	27.50nm			5.3mb	
PAS	48.34	85	eP	22	48.00	0.1				i	26	04.60		MMK	82.65	353	ePd	26	30.40	1.3
MWC	48.36	85	eP	22	48.00	-0.3	MHI	77.49	313	iPd	26	02.60	1.1	DIX	82.66	353	ePd	26	30.70	1.5
GSC	48.44	83	eP	22	48.00	-0.8	MOX	77.78	351	iP	26	03.50	0.8	EMS	82.71	354	ePd	26	30.30	1.0
RVR	48.94	85	eP	22	53.00	0.5		1.2s	28.00nm			5.2mb		TCF	82.72	357	iPc	26	29.30	0.1
PLM	49.68	85	eP	22	58.00	-0.5	HOF	78.08	351	iPd	26	04.60	0.2		0.9s	8.10nm			4.8mb	
TPC	49.69	83	eP	22	57.00	-1.4	ENN	78.09	355	eP	26	04.50	0.2	LSF	82.78	358	eP	26	29.80	0.4
BAR	50.25	85	eP	23	02.00	-0.6		0.9s	38.00nm			5.4mb			0.8s	19.80nm			5.2mb	
WHN	50.67	271	Pc	23	04.70	-1.1	SPC	78.10	345	eP	26	05.20	0.4	MZF	82.78	357	iPc	26	30.00	0.5
GLA	51.15	84	eP	23	09.00	-0.5	PRU	78.11	349	eP	26	04.80	0.3		1.0s	25.90nm			5.3mb	
QZH	51.96	263	eP	23	15.00	-0.6				e	26	21.20		SAL	82.87	351	eP	26	30.50	0.6
RSON	52.12	53	P	23	14.40	-2.1				e	26	42.00		PVL	83.02	340	iPd	26	32.00	1.3
GOL	52.60	71	P	23	18.20	-2.4	MEM	78.24	355	P	26	06.20	1.0	ORO	83.07	353	eP	26	32.80	1.7
	0.9s	45.45nm			5.4mb		IPM	78.32	263	ePd	26	05.60	-0.6	JMB	83.36	339	eP	26	35.00	2.5X
LZH	53.48	284	Pc	23	26.50	-0.5	TNS	78.46	353	eP	26	06.60	0.0	RJF	83.73	358	eP	26	34.80	0.5
	2.0s	198.00nm			5.8mb		JOS	78.73	345	e(P)c	26	09.00	1.0		1.1s	29.30nm			5.3mb	
GTA	53.73	290	P	23	28.60	-0.2		0.9s	36.60nm			5.4mb		DIM	83.98	340	iPc	26	39.00	3.4X
GDH	53.97	20	iPc	23	28.20	-1.8	GRF	78.76	351	eP	26	08.20	0.1	CAF	84.09	357	iPc	26	36.90	0.7
	1.0s	40.00nm			5.4mb					e	26	09.10			1.2s	45.80nm			5.5mb	
FRB	54.12	30	eP	23	29.00	-2.1				e	26	10.60		LFF	84.11	358	iPc	26	36.80	0.6
	0.9s	111.00nm			5.9mb		DOU	78.83	356	P	26	08.40	0.0		0.8s	25.80nm			5.4mb	
ALO	55.06	76	eP	23	36.50	-2.2	KGM	78.89	259	ePd	26	09.30	0.0	PLD	84.12	340	eP	26	41.00	4.7X
	1.0s	33.00nm			5.3mb		KHC	79.07	350	iP	26	10.00	0.1	LPO	84.36	358	eP	26	38.00	0.5
LHC	55.89	53	eP	23	40.00	-4.3X		1.0s	42.50nm			5.4mb			0.8s	38.60nm			5.6mb	
GZH	56.58	266	P	23	49.40	-0.1				e	26	48.30		YLV	84.50	337	iPd	26	38.80	0.4
CD2	57.03	280	P	23	51.30	-1.4	WET	79.13	350	iPd	26	10.90	0.7	COO	84.72	202	eP	26	40.00	0.7
KEV	57.42	348	iP	23	53.00	-1.8	WLF	79.17	355	P	26	10.90	0.6	MMB	84.81	341	iPd	26	41.00	1.1
	0.5s	26.70nm			5.5mb		PSZ	79.39	345	eP	26	11.00	-0.7	SKO	84.89	343	iP	26	41.00	0.8
WMO	57.69	301	eP	23	56.50	-0.8	ZST	79.54	347	iPd	26	13.10	0.7		0.8s	50.00nm			5.8mb	
GYA	58.34	274	P	24	01.00	-1.1	SRO	79.74	346	eP	26	15.40	2.0	KCT	85.05	337	iP	26	40.80	-0.3
TRO	58.41	352	iP	24	01.50	-0.3	BUH	80.02	353	eP	26	15.50	0.5	BNT	85.06	338	iPd	26	41.30	0.2
SOD	59.70	348	iP	24	09.30	-1.5	SOP	80.12	347	iPd	26	17.00	1.5	FRF	85.22	354	iPc	26	43.10	1.3
OCO	60.04	70	e(P)	24	13.70	0.1		1.0s	34.10nm			5.3mb			0.8s	41.90nm			5.7mb	
LTX	60.63	79	P	24	17.50	-0.2	FLN	80.31	359	iPc	26	15.70	-0.7	VAY	85.30	342	iP	26	42.40	0.1
	0.9s	68.38nm			5.8mb			1.1s	53.70nm			5.5mb		LRG	85.35	354	eP	26	43.20	0.8
TUL	60.76	68	eP	24	17.40	-1.0	CDF	80.35	354	eP	26	17.00	0.2		0.8s	19.50nm			5.4mb	
	0.8s	62.50nm			5.8mb			0.8s	13.40nm			5.0mb		LMR	85.46	354	iPc	26	43.70	0.7
RLO	61.03	67	eP	24	18.50	-1.8	LDF	80.47	359	iPc	26	16.40	-0.9		0.9s	34.50nm			5.6mb	
SCH	61.31	37	ePc	24	19.60	-2.4		0.8s	18.80nm			5.1mb		AQU	85.77	349	e(P)	26	50.50	5.8X
	0.8s	49.00nm			5.7mb		WB2	80.60	221	eP	26	11.50	-6.8X	MNS	85.82	349	iPc	26	45.50	0.7
KMI	61.76	276	Pc	24	23.50	-2.1	WRA	80.61	221	Pc	26	17.20	-1.2	OHR	85.84	343	eP	26	45.50	0.4
JCT	62.18	75	iP	24	27.50	-0.7		0.8s	22.70nm			5.2mb		GBA	86.00	287	Pc	26	45.00	-1.1
	1.0s	97.50nm			5.9mb		GRR	80.69	359	eP	26	18.20	-0.2		0.8s	69.30nm			5.9mb	
SVO	62.23	200	eP	24	28.00	-0.4		0.9s	28.30nm			5.3mb		EPF	86.03	358	eP	26	46.10	0.2
BHO	62.37	69	eP	24	28.40	-0.9	HAU	80.82	354	eP	26	19.20	0.0		0.7s	5.50nm			4.9mb	
FVM	62.38	63	P	24	27.20	-2.1		0.9s	17.00nm			5.0mb		CVF	86.04	352	iPc	26	46.70	0.7
HNR	62.48	200	(P)	24	30.00	0.0	SLE	80.90	353	ePd	26	19.80	0.1		0.8s	72.70nm			6.0mb	
KJF	62.53	346	iP	24	28.50	-1.5	BSF	80.96	354	eP	26	20.10	0.0	MLS	86.08	358	eP	26	47.70	1.5
	0 8s	89.50nm			5.9mb			0.8s	14.90nm			5.0mb		DUI	86.32	348	eP	26	47.50	0.2
SUF	64 17	346	iP	24	39.40	-1.3	LPF	81.04	359	eP	26	19.80	-0.5	CMS	87.17	207	eP	26	52.00	0.7
	0.7s	73.60nm			5.9mb		KBA	81.12	349	iPc	26	21.40	0.4				e	27	05.00	
LSA	65.58	287	Pc	24	51.20	0.4		1.0s	169.00nm			6.0mb		ORI	87.61	346	eP	26	54.50	0.9
KSH	66.97	305	eP	24	59.00	-0.2				i	26	21.90		YER	88.02	336	iP	26	55.40	-0.3
NB2	67.51	353	P	24	58.30	-3.9X				i	26	22.70		MBL	88.31	233	eP	26	56.00	-1.0
	0 9s	52 60nm			5.6mb					i	26	27.20			0.7s	14.00nm			5.4mb	
KKM	67.89	251	ePc	25	05.70	0.5				i	26	30.70		KOD	88.62	285	eP	26	58.50	-0.6
UPP	68.07	349	iP	25	04.10	-1.5				i	26	38.30		STK	88.82	210	iPc	27	00.50	1.3
SHL	68.15	284	iP	25	05.50	-1.3				e(PP)	29	25.50					e	27	14.00	
HFS	68.20	352	eP	25	05.40	-1.0	ZUL	81.20	353	ePd	26	21.70	0.5	KRP	88.88	182	P	27	00.00	0.7
	0.6s	30.10nm			5.6mb		TAB	81.47	323	eP	26	25.00	2.1	WBN	89.39	225	eP	27	02.50	0.4
BLA	68.39	57	P	25	06.30	-1.7	OGA	81.57	351	iPd	26	23.90	0.5	HRI	89.49	329	eP	27	03.00	0.2
IIC	70.33	83	eP	25	21.00	0.5		0.8s	15.00nm			5.1mb		CAN	89.95	203	eP	27	05.00	0.5
OXM	70.41	83	ePc	25	25.00	4.0X	RMO	81.63	206	eP	26	24.00	0.4	UPA	90.74	75	eP	27	08.50	-0.2
KKN	70.47	290	iPc	25	21.20	0.1				e	26	38.00		WAM	90.81	203	eP	27	10.00	1.6
PKI	70.55	290	iPc	25	21.60	-0.2	LOR	81.68	356	iPc	26	24.00	0.3	MNG	91.57	182	P	27	10.80	-0.9
DMN	70.70	290	iPc	25	22.80	0.2		0.8s	9.90nm			4.9mb					pP	27	25.20	49kmX
TPM	71.04	83	eP	25	25.00	0.4	GRC	81.69	357	iPc	26	24.20	0.5	NOH	92.12	329	eP	27	15.00	0.1
III	71.24	84	iPc	25	25.00	-0.9	LLS	81.76	352	ePd	26	25.10	0.7	MEK	93.52	231	eP	27	20.00	-1.1
KHT	72.02	271	eP	25	29.90	-0.4	IR2	81.77	319	eP	26	25.00	0.5		0.5s	16.00nm			5.7mb	
KOU	72.56	193	iPc	25	34.60	1.4	OSS	81.84	352	ePd	26	25.70	1.0	BNG	121.76	336	iPKPd	32	59.40	-0.6
NNT	72.96	269	eP	25	35.00	-0.9	SSF	81.90	356	eP	26	25.30	0.5		1.0s	19.80nm				
EKA	73.73	1	Pd	25	39.20	-0.5		0.8s	17.90nm			5.1mb		KIC	122.52	3	ePKP	33	00.60	-0.7
	1.1s	29.00nm			5.2mb		LBF	81.96	356	eP	26	25.20	0.0	SOB1	127.30	51	ePKP	33	10.90	0.2
VHO	73.80	83	ePc	25	43.50	2.6		0.9s	11.20nm			4.9mb			0.8s	7.40nm				

09d 19h

		e	33	21.60		
ROCH	127.62	98 iPKPc	33	10.80	-0.2	
PEL	127.94	98 ePKP	33	11.50	0.1	
ITR	128.09	48 ePKP	33	11.00	-1.2	
	0.8s	4.10nm				
		e	33	12.40		
		e	33	25.00		
TACH	128.12	98 ePKP	33	12.00	0.3	
BACH	128.20	98 iPKPc	33	13.20	1.3	
PCH	128.36	98 ePKP	33	12.50	0.3	
BAO	128.94	63 e(PKP)	33	13.70	-0.1	
SBA	129.07	183 e(PKP)	33	24.10	11.9X	
AVY	129.43	291 ePKP	33	15.17	0.4	
MTD	136.43	310 ePKP	33	25.00	-3.0	
KRI	137.40	312 ePKP	33	28.00	-1.9	
BUL	140.74	311 PKP	33	35.10	-0.8	
BUL	140.74	311 ePKP	33	28.00	-7.9X	
		ePP	36	10.00		
SLR	145.61	306 iPKPc	33	45.00	0.8	
	0.9s	151.26nm				
		i	37	32.50		
		S	47	33.50		
EVA	145.84	305 iPKPc	33	45.10	0.5	
	1.0s	180.00nm				
BPI	146.10	306 ePKP	33	41.00	-4.1X	
	0.7s	120.55nm				
KSR	146.41	308 iPKPd	33	47.00	1.4	
	1.0s	80.00nm				
BFS	147.32	307 iPKPd	33	48.50	1.6	
	1.0s	150.00nm				
WIN	147.72	326 iPKPc	33	51.00	3.3X	
	0.9s	69.75nm				
VIR	148.25	306 iPKPc	33	51.00	2.6X	
	1.1s	93.67nm				
	S.D. = 1.0	on 224 of 237 obs.				

MAY 09, 1985 19h 26m 44.84± 0.46s
2.220 N ± 7.1km 126.787 E ± 9.0km
DEPTH = 33.0km (normal)
5.2mb (9 obs.)
MOLUCCA PASSAGE (266)

MNI	2.09	248 ePd	27	19.60	1.3	
		eS	27	47.30		
MAP	8.52	341 eP	28	55.00	6.1X	
KKM	11.21	290 ePd	29	28.60	2.6	
	0.7s	43.10nm		5.8mb		
BAG	15.37	337 eP	30	29.00	7.8X	
MTN	15.58	164 eP	30	23.00	-0.7	
KNA	17.96	174 eP	30	54.00	0.2	
WRA	23.24	162 Pc	31	50.30	0.0	
	0.7s	58.00nm		5.2mb		
WB2	23.24	162 iPc	31	50.30	0.0	
		eS	36	00.70		
KGM	23.45	270 ePd	31	53.00	0.6	
IPM	25.82	276 ePc	32	14.20	-0.9	
ISO	26.00	152 eP	32	18.00	1.3	
ASPA	26.65	165 eP	32	22.00	-0.6	
WBN	28.19	180 iPd	32	37.20	0.6	
MEK	29.75	195 eP	32	50.00	-0.7	
	0.3s	7.00nm		4.9mb		
CHTO	31.87	303 eP	33	08.30	-1.1	
	0.8s	10.07nm		4.8mb		
KMI	32.49	317 eP	33	15.00	-0.1	
MRWA	32.92	158 eP	33	17.50	-1.0	
BAL	34.03	196 iPd	33	22.70	-5.3X	
KLB	34.70	194 eP	33	34.00	0.2	
MAT	35.75	16 (P)	33	44.00	1.3	
NWAO	36.10	194 eP	33	46.00	0.3	
ADE	38.64	164 iPc	34	08.60	1.5	
BJI	38.86	347 eP	34	10.00	1.3	
SHL	40.83	368 iP	34	25.00	-0.4	
CAN	42.75	153 eP	34	42.60	1.7	
WAM	43.42	154 eP	34	44.50	-1.8	
PKI	46.90	307 eP	35	14.20	-0.4	
	1.2s	39.00nm		5.3mb		
KKN	47.09	307 eP	35	15.80	-0.2	
	1.2s	57.00nm		5.4mb		
DMN	47.16	306 eP	35	16.40	-0.2	
	1.2s	68.00nm		5.5mb		
HYB	49.69	291 eP	35	35.50	-0.6	
	0.8s	23.10nm		5.3mb		
GBA	50.07	286 P	35	38.00	-0.9	
	0.5s	4.80nm		4.8mb		
NDI	54.00	304 eP	36	05.50	-2.8	
KRP	60.17	137 eP	36	53.00	1.2	
MNG	61.50	139 eP	36	59.00	-1.9	
MHI	70.47	308 eP	37	59.00	0.5	
IR2	77.25	306 eP	38	38.00	0.1	
NAI	90.03	269 eP	39	29.00	-14.6X	
	S.D. = 1.2	on 33 of 37 obs.				

MAY 09, 1985 19h 27m 57.02± 0.53s
51.298 N ±10.7km 177.977 E ± 6.2km
DEPTH = 33.0km (normal)
4.8mb (15 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS (6)

SMY	2.79	302 P	28	41.20	0.9	
ADK	3.38	78 P	28	49.80	1.1	
TTA	18.15	40 P	32	10.00	2.2	
KDC	18.21	58 P	32	05.00	-3.5X	
IMA	20.60	33 P	32	36.30	0.7	
COL	22.27	39 eP	32	53.00	0.7	
	0.8s	9.33nm		4.3mb		
FBA	22.27	39 P	32	52.10	-0.2	
BRW	23.10	21 P	33	01.30	1.0	
INK	28.70	35 eP	33	52.00	-0.6	
YKA	36.75	46 eP	35	02.90	0.3	
RSNT	36.76	46 P	35	02.40	-0.2	
	0.5s	2.86nm		4.4mb		
YKC	36.81	46 eP	35	03.00	-0.1	
NEW	40.80	68 eP	35	37.00	0.4	
BMN	45.02	78 P	36	12.00	0.8	
	0.8s	13.97nm		4.9mb		
SSE	45.97	267 Pd	36	20.00	1.4	
BDW	48.24	70 P	36	36.50	-0.1	
	0.8s	6.93nm		4.7mb		
FRB	54.13	30 eP	37	19.00	-1.5	
ALO	55.09	76 eP	37	27.00	-1.2	
	1.0s	4.50nm		4.5mb		
KEV	57.41	348 eP	37	42.00	-2.1	
SOD	59.70	348 iP	37	59.40	-0.7	
SCH	61.33	37 eP	38	10.00	-1.4	
JCT	62.21	75 eP	38	17.00	-0.6	
	1.0s	6.00nm		4.7mb		
KJF	62.53	346 iP	38	18.80	-0.4	
	0.5s	15.40nm		5.4mb		
SUF	64.17	346 iP	38	29.40	-0.6	
	0.5s	5.50nm		4.9mb		
NUR	66.50	346 iP	38	59.00	14.1X	
	0.7s	10.70nm				
NB2	67.51	353 P	38	48.80	-2.6	
	0.9s	6.60nm		4.7mb		
UPP	68.07	349 iP	38	55.00	0.2	
HFS	68.20	352 eP	38	54.60	-1.1	
	0.6s	3.80nm		4.7mb		
	Z 17s	2.85um		5.6MszX		
		LR	07	40.00		
KKN	70.44	290 iPc	39	11.00	0.8	
	0.6s	24.00nm		5.4mb		
PKI	70.53	290 iPc	39	11.40	0.6	
	0.6s	13.00nm		5.2mb		
DMN	70.68	290 P	39	12.40	0.7	
CTA	76.34	211 iP	39	57.60	13.3X	
	0.9s	12.60nm				
KHC	79.07	350 eP	40	00.00	0.9	
WB2	80.58	221 eP	40	07.10	-0.4	
		i	40	20.30		
WRA	80.59	221 Pc	40	07.00	-0.5	
	0.6s	2.40nm		4.4mb		
KBA	81.12	349 iPd	40	11.60	1.4	
	0.5s	8.60nm		5.0mb		
GBA	85.97	287 Pc	40	35.10	-0.1	
	0.4s	2.80nm		4.8mb		
CAN	89.93	203 eP	41	08.70	15.0X	
	S.D. = 1.1	on 34 of 38 obs.				

• MAY 09, 1985 19h 49m 14.12± 0.97s
51.184 N ±18.0km 178.009 E ± 7.5km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS (6)

SMY	2.87	304 eP	49	58.50	0.0	
ADK	3.39	76 eP	50	07.00	1.1	
TTA	18.22	40 eP	53	27.00	1.1	
IMA	20.69	33 eP	53	53.00	-0.6	
FBA	22.35	39 eP	54	10.00	-0.1	
M8C	34.54	22 eP	56	00.00	-0.9	
YKA	36.81	46 eP	56	20.50	0.3	
NEW	40.82	68 eP	56	53.00	-0.9	
EUR	46.36	78 eP	57	39.00	0.0	
	0.7s	4.98nm		4.6mb		
BDW	48.26	70 eP	57	52.50	-1.4	
LTX	60.66	79 eP	59	24.40	0.1	
SUF	64.28	346 iP	59	46.50	-1.3	
NB2	67.63	353 P	00	05.10	-4.2X	
	0.9s	3.20nm		4.4mb		
KKN	70.50	290 eP	00	28.00	0.4	
	0.6s	6.00nm		4.8mb		
PKI	70.58	290 eP	00	28.50	0.2	
KBA	81.23	349 iPd	01	29.90	1.9	
	0.9s	5.30nm		4.5mb		
	S.D. = 1.0	on 15 of 16 obs.				

MAY 09, 1985 21h 55m 48.79± 0.62s
33.834 S ± 5.0km 70.556 W ± 5.1km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CHCH	0.13	219 iPd	55	51.90	0.0	
PCH	0.22	9 iPd	55	54.00	0.5	
TACH	0.37	299 iPc	55	57.00	0.7	
		iS	56	04.00		
SAN	0.39	347 iPc	55	57.50	0.7	
BACH	0.48	6 iPc	55	58.50	-0.1	
FCH	0.55	24 iP	55	59.30	-0.9	
PEL	0.70	351 iPc	56	02.50	-0.1	
		iS	56	13.00		
LNV	0.72	260 iPc	56	02.40	-0.6	
		iS	56	12.00		
ROCH	0.94	336 iPc	56	06.60	-0.3	
		iS	56	19.80		
JACH	1.15	358 eP	56	09.50	-0.9	
MDZ	1.71	57 eP	56	20.60	1.7	
		iS	56	48.60		
RFA	1.97	119 eP	56	22.80	0.2	
		S	56	48.00		
TCA	5.62	65 ePd	57	13.20	-1.3	
		S	58	40.00		
	S.D. = 0.9	on 13 of 13 obs.				

? MAY 09, 1985 22h 30m 31.58± 6.70s
12.135 S ±58.8km 118.209 E ±33.5km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
SOUTH OF SUMBAWA ISLAND (291)

MBL	9.11	170 eP	32	43.00	-0.8	
	0.3s	27.00nm		5.9mb X		
		eS	34	22.00		
NAU	10.67	194 eP	33	05.00	-0.2	
		eS	34	58.00		
MEK	14.41	179 eP	33	55.00	-0.2	
	0.3s	20.00nm		5.1mb		
		eS	36	27.00		
WBN	16.01	152 eP	34	17.00	1.0	
		eS	37	08.50		
MRWA	17.12	187 eP	34	30.00	0.0	
		eS	37	32.00		
WRA	17.33	119 P	34	34.00	1.3	
	0.6s	1.10nm		3.2mb		
WB2	17.34	119 eP	34	31.20	-1.7	
		eS	37	39.00		
BAL	18.43	184 eP	34	47.00	0.7	
		eS	38	03.00		
KLB	19.37	181 eP	35	01.00	3.4X	
		eS	38	25.00		
MUN	19.83	185 eP	35	07.00	4.4X	
NWAO	20.71	182 iPc	35	18.20	6.5X	
		eS	38	45.00		
RKG	21.86	183 eP	35	43.00	19.7X	
		eS	39	34.00		
	S.D. = 1.1	on 8 of 12 obs.				

• MAY 09, 1985 22h 57m 14.00± 1.50s
14.036 N ±11.1km 91.802 W ± 9.9km
DEPTH = 52.5 ± 13.7 km
4.9mb (17 obs.) 3.7Msz (1 obs.)
GUATEMALA (70)

COM	2.23	352 iP	58	03.00	13.7X	
		iS	58	33.00		
VHO	5.72	304 iP	58	35.80	-2.9	
		iS	59	35.00		
TPM	8.52	306 eP	59	16.50	-1.2	
IIP	8.62	309 eP	59	20.00	0.8	
TAC	8.87	308 iP	59	42.00	19.4X	
IIC	9.13	310 eP	59	26.00	-0.2	
OXM	9.19	306 iP	59	27.00	-0.1	

UPA 13.03 111 eP 00 27.00 8.5X
Z 20s 1.06um
N 20s 0.71um
E 20s 0.71um
JCT 17.95 337 eP 01 23.50 2.0
LTX 18.77 326 eP 01 32.40 0.7
1.1s 58.35nm 4.7mb
PSO 19.18 130 eP 01 37.50 0.7
BOG 19.83 116 eP 01 48.00 4.3X
eS 05 31.00
PRM 21.72 22 P 02 03.50 1.0
OCO 22.00 348 eP 02 05.60 0.3
TUL 22.07 351 eP 02 08.30 2.3
1.0s 42.80nm 4.8mb
Z 19s 0.26um 3.7Msz
RSCP 22.19 14 P 02 08.30 1.1
RLO 22.23 353 iPc 02 07.80 0.2
ELC 23.27 5 P 02 17.50 -0.2
ALQ 24.66 330 eP 02 32.70 1.2
0.9s 18.49nm 4.6mb
DAU 31.31 331 P 03 33.00 1.2
RSSD 31.75 343 P 03 36.20 0.6
BDW 32.48 335 eP 03 40.90 -1.0
1.0s 2.20nm 3.9mb
EUR 33.08 325 iP 03 49.00 1.8
0.2s 24.56nm 5.7mb
SKLY 33.38 23 P 03 49.00 -0.4
MNA 33.68 321 P 03 53.70 1.4
RSNY 33.78 22 eP 03 52.30 -0.7
0.8s 18.31nm 5.0mb
OTT 34.10 20 eP 03 56.00 0.4
BMN 34.43 325 eP 04 00.10 1.3
0.9s 9.96nm 4.7mb
LRM 36.16 335 eP 04 14.70 1.2
MIM 36.60 27 P 04 16.70 -0.1
RSON 36.76 358 eP 04 17.10 -1.0
0.7s 2.33nm 4.2mb
HNME 37.78 27 P 04 27.00 0.3
LPB 38.35 142 eP 03 56.00 -36.4X
eLR 16 10.00
NEW 40.05 334 eP 04 45.00 -0.7
PNT 41.93 333 eP 05 02.00 0.9
1.0s 36.00nm 5.1mb
EFM 42.66 341 iP 05 06.50 -0.6
PGC 43.26 329 eP 05 13.00 1.2
SCH 45.13 20 eP 05 25.50 -1.4
YKC 50.99 347 eP 06 12.00 -0.3
0.8s 15.00nm 5.1mb
RSNT 51.02 347 P 06 12.30 -0.2
YKA 51.03 347 eP 06 12.80 0.2
FRB 52.24 13 eP 06 20.00 -1.7
ITR 57.60 110 eP 07 03.00 1.6
e 07 09.20
e 07 34.70
INK 60.44 343 eP 07 20.00 -0.2
COL 63.29 337 eP 07 38.00 -1.3
0.9s 15.13nm 5.1mb
e 08 16.00
FFA 63.29 337 P 07 39.00 -0.3
MBC 63.90 353 eP 07 42.00 -1.2
TTA 65.95 333 P 07 55.00 -1.7
ALE 69.50 4 ePc 08 16.80 -1.7
0.7s 8.00nm 4.8mb
DAG 72.56 13 iPd 08 35.10 -1.9
0.5s 19.01nm 5.3mb
EKA 77.82 36 Pd 09 06.40 -0.9
0.7s 12.70nm 5.0mb
NB2 84.02 28 P 09 38.20 -1.8
0.8s 3.60nm 4.5mb
HFS 85.48 29 eP 09 47.50 0.3
0.3s 3.40nm 5.0mb
KIC 85.64 85 eP 09 49.20 0.3
SOD 87.51 20 iP 09 56.90 -0.2
SUF 89.76 24 iP 10 07.40 -0.4
0.7s 2.40nm 4.6mb
HYB 147.33 17 ePKP 16 54.20 2.4
1.0s 45.00nm
KHT 149.57 340 ePKP 17 02.10 6.8X
GBA 150.54 22 PKPc 16 55.90 -0.8
S.D. = 1.2 on 53 of 59 obs.

• MAY 09, 1985 23h 13m 50.62± 3.69s
33.572 S ± 8.7km 71.973 W ±27.2km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.60 129 iPc 14 02.40 -0.4
iS 14 10.60
TACH 0.87 96 iPc 14 07.00 -0.3
iS 14 19.00
ROCH 1.00 54 iPc 14 10.20 0.4
iS 14 25.60
SAN 1.10 84 iPd 14 12.40 1.1
iS 14 27.10
CHCH 1.16 108 iPc 14 11.40 -0.9
iS 14 31.50
PEL 1.16 69 iPd 14 12.50 0.2
iS 14 28.30
PCH 1.22 93 iPc 14 12.90 -0.5
iS 14 30.30
BACH 1.26 80 iPd 14 13.90 -0.1
iS 14 31.50
FCH 1.43 81 iPc 14 17.00 0.1
JACH 1.46 53 eP 14 16.50 -0.6
iS 14 39.00
MDZ 2.71 76 eP 14 39.10 4.1X
iS 15 19.20
RFA 3.14 113 ePd 14 42.80 1.6
TCA 6.62 72 ePd 15 29.90 -0.6
S 16 49.00
S.D. = 0.8 on 12 of 13 obs.

MAY 10, 1985 00h 24m 06.61± 0.97s
40.850 N ± 9.8km 15.077 E ± 8.7km
DEPTH = 21.6 ± 8.9 km
SOUTHERN ITALY (390)
ML 2.1 (VOY).

SGO 0.34 149 iPgc 24 11.80 -2.2
eSg 24 16.00
DUI 0.93 330 ePg 24 25.50 1.5
iSg 24 44.50
ORI 1.32 127 ePg 24 31.00 1.3
iSg 24 47.50
AQU 1.96 321 ePn 24 45.00 5.9X
LCI 2.25 102 ePn 24 44.50 1.3
MNS 2.36 311 ePn 24 46.50 1.7
BRY 3.30 51 ePn 24 58.00 -0.3
eSn 25 36.00
TTG 3.51 62 ePn 25 02.00 0.9
eSn 25 39.00
PVY 4.06 63 ePn 25 09.50 0.5
eSn 25 56.00
OHR 4.34 85 ePn 25 12.60 -0.3
CEY 4.91 355 ePn 25 22.30 1.3
eSn 26 18.30
SKO 4.91 75 ePn 25 20.50 -0.5
i 26 15.50
TRI 4.95 349 e(Pn) 25 20.10 -1.4
e(Sn) 26 16.10
LJU 5.21 356 ePn 25 24.00 -1.1
eSn 26 24.40
VOY 5.25 351 ePn 25 24.70 -1.2
iSn 26 24.50
CTI 5.76 336 ePn 25 32.30 -0.8
eSn 26 40.30
SAL 5.80 327 ePn 25 34.00 0.5
KBA 6.35 349 ePn 25 40.00 -1.5
0.3s 2.50nm 4.5mb
i 25 41.80
i(Sn) 26 54.00
S.D. = 1.4 on 17 of 18 obs.

• MAY 10, 1985 01h 56m 23.20± 0.90s
30.875 N ±20.7km 70.450 E ±13.8km
DEPTH = 33.0km (normal)
4.4mb (5 obs.)
PAKISTAN (710)

NDI 6.27 109 eP 57 55.50 -0.4
eS 59 05.50
HYB 15.29 149 eP 00 13.00 14.6X
MLR 37.41 306 eP 03 36.00 1.0
KJF 42.65 334 iP 04 17.00 -0.9
0.5s 14.00nm 4.9mb
SOD 44.69 338 iP 04 34.60 0.2
HFS 47.31 325 eP 04 53.90 -1.4
0.7s 2.50nm 4.3mb
NB2 48.69 326 P 05 01.90 -4.1X
0.7s 2.40nm 4.3mb
DAG 60.03 345 iPc 06 28.00 -0.6
0.8s 5.22nm 4.7mb
MBC 72.96 2 eP 07 51.00 0.3
KIC 74.06 268 eP 07 57.90 -0.2
WRA 79.46 121 P 08 34.00 5.8X
0.4s 0.50nm 3.9mb
INK 79.54 9 eP 08 28.00 0.3
YKA 86.87 2 eP 09 06.50 1.1
YKC 86.89 2 eP 09 06.00 0.5
S.D. = 0.9 on 11 of 14 obs.

• MAY 10, 1985 02h 17m 21.83± 1.03s
23.809 N ± 9.7km 121.495 E ±21.0km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD 0.29 19 iPd 17 28.00 0.2
eS 17 32.00
TWF1 0.49 202 iPc 17 31.00 -0.8
eS 17 38.00
TWC 0.86 22 iPd 17 39.00 0.6
eS 17 52.00
TWG 1.06 202 eP 17 41.90 0.1
TWK 1.07 240 iPd 17 42.70 0.7
eS 17 58.70
TATO 1.16 360 eP 17 41.30 -2.2
eS 18 02.30
ANP 1.37 1 eP 17 48.30 1.3
S.D. = 1.4 on 7 of 7 obs.

• MAY 10, 1985 02h 41m 20.56± 3.23s
33.080 S ±10.4km 71.992 W ±22.7km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

ROCH 0.83 83 iPd 41 36.60 -0.2
iS 41 48.60
LNV 1.00 151 iPd 41 39.00 -0.5
iS 41 53.60
TACH 1.05 123 iPc 41 40.30 -0.1
iS 41 55.50
PEL 1.10 94 iPd 41 41.50 0.3
iS 41 57.90
SAN 1.17 109 iPc 41 42.70 0.2
iS 42 00.60
JACH 1.24 72 iPd 41 42.80 -0.9
BACH 1.29 103 iPd 41 44.80 0.3
iS 42 04.00
PCH 1.35 114 iP 41 45.30 -0.2
CHCH 1.41 128 iPc 41 46.20 0.0
iS 42 06.70
FCH 1.45 100 iPc 41 47.10 0.0
MDZ 2.65 87 eP 42 08.10 4.0X
iS 42 46.50
RFA 3.38 121 e(P) 42 15.00 0.5
TCA 6.51 77 ePd 42 59.40 0.6
S.D. = 0.5 on 12 of 13 obs.

? MAY 10, 1985 03h 19m 39.52± 2.15s
11.789 N ±27.3km 89.489 W ±11.8km
DEPTH = 33.0km (normal)
4.2mb (3 obs.)
OFF COAST OF CENTRAL AMERICA (76)
Felt (II) at San Salvador, El Salvador.

SSS 1.90 9 iPc 20 10.80 0.5
eS 20 24.80
COM 5.12 330 eP 21 02.00 5.8X
PBJ 7.37 310 eP 21 27.00 -0.6
VHO 8.86 309 ePd 21 49.00 0.5
TPM 11.67 309 ePd 22 26.50 -0.6
BHO 23.02 349 eP 24 44.00 1.3
TUL 24.68 348 eP 24 58.80 0.0
0.8s 7.50nm 4.3mb
OCO 24.71 344 e(P) 24 57.50 -1.6
RLO 24.78 349 eP 24 59.10 -0.7
ALQ 27.73 329 eP 25 28.20 0.9
0.9s 2.73nm 3.9mb
RSON 39.11 356 eP 27 03.80 -1.6
0.6s 2.86nm 4.2mb
LRM 39.14 334 eP 27 08.10 2.0
SCH 46.50 18 eP 28 05.00 -0.4
YKC 53.70 346 eP 29 00.00 -0.2
YKA 53.74 346 eP 29 00.50 0.0
FRB 53.95 11 eP 29 02.00 0.0
INK 63.23 343 eP 30 06.00 -0.6
MBC 66.40 353 eP 30 28.00 0.9
GBA 151.63 28 PKPc 39 41.20 14.8X
0.6s 3.60nm
S.D. = 1.0 on 17 of 19 obs.

10d 03h

* MAY 10, 1985 03h 51m 38.13± 1.06s
47.653 N ±20.5km 152.423 E ±18.6km
DEPTH = 51.2km (3 depth phases)
4.6mb (6 obs.)
KURIL ISLANDS (221)

MAT	15.29	229	eP	55	12.00	-0.1
	0.6s	6.67nm			4.0mb	
COL	35.75	39	eP	58	33.10	-0.4
			pP	58	46.00	48km
INK	41.16	33	eP	59	19.00	0.6
			pP	59	32.00	49km
YKA	50.48	37	eP	00	32.30	-0.1
KKN	54.94	274	eP	01	06.50	0.1
	0.6s	8.00nm			4.9mb	
DMN	55.18	274	eP	01	08.10	0.0
	0.6s	6.00nm			4.8mb	
SUF	61.99	335	iP	01	55.20	0.5
NB2	67.22	341	P	02	26.80	-1.9
	0.8s	3.60nm			4.4mb	
HFS	67.45	339	eP	02	30.40	0.4
	0.6s	5.80nm			4.8mb	
KBA	79.12	333	ePd	03	39.50	0.9
	0.7s	2.00nm			4.2mb	
			e	03	55.50	57km
BUL	127.28	281	iPdiff	07	15.50	-5.2X
	0.8s	7.46nm				

S.D. = 0.9 on 10 of 11 obs.

* MAY 10, 1985 03h 57m 44.52± 0.58s
55.580 S ±11.0km 28.309 W ±15.2km
DEPTH = 33.0km (normal)
4.4mb (3 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SNA	18.66	152	iPd	02	02.40	0.9
	0.6s	13.33nm			4.3mb	
SPA	34.60	180	e(P)	04	31.80	-0.4
SOB1	47.31	343	eP	06	17.80	1.1
	0.8s	2.10nm			4.2mb	
ITR	47.38	346	eP	06	16.80	-0.5
			e	06	18.20	
CCH	47.73	308	eP	06	38.00	17.7X
LPB	49.36	306	eP	06	34.00	0.9
KRI	58.29	73	eP	07	38.00	-0.4
MTD	59.40	74	iPc	07	46.00	-0.1
BCAO	71.09	50	eP	09	02.00	0.6
	0.7s	8.26nm			4.9mb	
YKC	135.34	319	ePKP	17	00.00	-1.0
YKA	135.40	319	ePKP	17	00.00	-1.2
INK	145.03	321	ePKP	17	16.00	-2.3X
COL	149.74	313	ePKP	17	29.00	3.1X

S.D. = 0.9 on 10 of 13 obs.

? MAY 10, 1985 03h 58m 55.50± 4.80s
24.142 N ±13.7km 119.938 E ±44.0km
DEPTH = 33.0km (normal)
TAIWAN REGION (243)

TWO	0.83	81	Pd	59	09.50	-1.3
TWK	1.01	150	iPd	59	13.00	-0.4
			eS	59	25.20	
TWF1	1.47	122	iPc	59	19.90	-0.1
			eS	59	37.00	
TWD	1.52	92	eP	59	20.50	-0.1
TATO	1.64	59	e(P)	59	24.00	1.7
TWG	1.68	141	iPd	59	23.50	0.5
ANP	1.77	54	eP	59	23.00	-1.4
TWC	1.80	75	iPc	59	25.70	0.9

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

MAY 10, 1985 04h 01m 17.56± 0.70s
35.526 N ± 5.7km 27.279 E ± 4.0km
DEPTH = 42.9 ± 7.3 km
4.4mb (35 obs.)
DODECANESE ISLANDS (369)
ML 4.3 (ATH), 4.0 (CSS).

YER	1.80	26	iPn	01	47.10	0.4
ELL	2.45	59	iPn	01	58.60	2.5
IZM	2.87	360	iPn	02	02.00	0.1
BCK	3.29	53	iPn	02	10.60	2.6
ATH	3.76	312	ePn	02	15.00	0.5
			ePg	02	27.50	
			eSg	03	15.00	
PRK	3.80	348	ePn	02	16.00	0.9
			eSg	03	20.00	
ALT	4.18	32	iPn	02	20.50	-0.2
DST	4.21	14	iPn	02	21.10	0.1
EZN	4.36	350	ePn	02	22.30	-0.7
KCT	4.79	10	iPc	02	28.00	-1.1
EDC	4.83	5	iPc	02	29.20	-0.5
BNT	4.85	6	iPc	02	29.50	-0.4
KGT	4.92	0	iPn	02	31.00	0.1
CSS	4.98	95	ePn	02	33.50	1.7
			eSn	03	17.00	
			eSb	03	23.50	
PAIG	5.24	328	ePn	02	35.90	0.5
MFT	5.25	0	eP	02	34.00	-1.7
YLV	5.30	18	iPd	02	36.00	-0.3
OUR	5.46	332	ePn	02	39.40	0.8
CTT	5.68	9	eP	02	40.00	-1.7
LIT	5.93	322	ePnc	02	45.30	0.0
VLS	5.98	298	ePn	02	47.50	1.6
			eSn	03	56.50	
SOH	6.12	331	ePn	02	48.30	0.4
SRS	6.29	334	ePn	02	49.90	-0.3
DMK	6.30	3	iPn	02	49.70	-0.6
KZN	6.46	319	ePn	02	54.00	1.3
GRG	6.64	326	ePnc	02	55.60	0.4
			eSn	04	09.10	
VAY	6.86	329	iPn	03	01.50	3.3X
BHL	7.08	101	Pn	03	00.00	-1.4
			Sn	04	17.00	
HRI	7.35	105	eP	03	02.50	-2.6
			eS	04	24.00	
OHR	7.55	320	ePn	03	09.70	1.8
JER	7.59	117	eP	03	06.00	-2.5
			eS	04	29.00	
SKO	7.89	326	iPn	03	16.00	3.5X
	E 16s	1.01um				
NOH	8.05	125	eP	03	11.80	-3.0
			eS	04	39.50	
LCI	8.79	306	eP	03	21.00	-4.0X
ORI	9.69	301	ePn	03	32.50	-4.8X
			eSn	04	15.00	
MLR	10.01	355	eP	03	41.50	-0.3
SGO	10.69	302	ePn	03	49.50	-1.5
			eSn	05	42.50	
DUI	11.75	305	eP	03	58.00	-7.4X
AQU	12.77	306	eP	04	23.00	4.0X
MNS	13.26	305	eP	04	27.00	1.6
LJU	14.25	321	e(P)	04	39.80	1.4
			e	04	43.40	
VOY	14.57	320	ePd	04	43.00	0.3
			i	05	35.80	
			e	05	48.30	
SPC	14.60	341	eP	04	50.00	6.8X
KBA	15.56	322	iPc	05	00.20	4.6X
	1.1s	54.40nm			4.7mb	
			i	05	05.20	
			i	05	17.50	
CTI	15.80	316	eP	05	01.80	3.2X
CVF	15.92	302	eP	05	00.50	0.4
SAL	16.20	314	eP	05	06.50	2.9X
KHC	16.92	328	iP	05	13.50	0.9
	0.9s	15.00nm			4.1mb	
			e	05	29.50	
OSS	17.02	316	eP	05	15.30	1.2
PRU	17.18	331	eP	05	17.00	1.2
KSP	17.25	336	eP	05	18.50	1.8
ORO	17.75	310	eP	05	21.50	-1.7
LLS	17.78	315	eP	05	24.40	0.9
FRF	17.79	303	eP	05	23.40	-0.1
	1.0s	20.80nm			4.2mb	
SAX	17.79	317	eP	05	23.50	-0.3
LMR	17.81	302	eP	05	24.40	0.7
LRG	17.95	302	eP	05	25.80	0.3
	1.4s	67.10nm			4.6mb	
MMK	17.97	312	eP	05	26.00	0.1
BRG	18.11	332	eP	05	27.90	0.5
	0.9s	10.00nm			4.0mb	
GRF	18.39	325	eP	05	32.30	1.5
			e	05	33.70	
ZUL	18.46	316	eP	05	30.50	-1.2
SLE	18.56	317	eP	05	31.80	-1.2
EMS	18.61	311	eP	05	32.90	-0.9
CLL	18.82	331	e(P)	05	35.00	-1.1
MOX	18.89	328	eP	05	40.00	3.0X
IR2	19.20	83	eP	05	42.00	1.2
BSF	19.56	315	eP	05	43.70	-1.0
	0.7s	8.10nm			4.1mb	
CDF	19.60	317	eP	05	44.10	-1.0
	0.7s	7.40nm			4.1mb	
HAU	19.90	315	eP	05	46.60	-1.6
	0.7s	10.60nm			4.3mb	
TNS	20.07	323	eP	05	48.50	-1.5
SMF	20.79	309	eP	05	56.10	-1.3
	0.8s	26.00nm			4.6mb	
LBF	20.84	310	eP	05	56.00	-2.0
	0.9s	29.40nm			4.6mb	
WLF	20.91	319	Pc	06	02.20	3.7X
LOR	21.04	311	eP	05	58.10	-1.8
	0.9s	12.10nm			4.3mb	
AVF	21.16	309	eP	05	59.70	-1.4
	0.7s	12.60nm			4.4mb	
SSF	21.17	310	eP	05	59.60	-1.6
	0.8s	42.90nm			4.9mb	
CAF	21.35	304	eP	06	02.60	-0.5
	0.7s	10.30nm			4.3mb	
BGF	21.39	308	eP	06	02.70	-0.7
	0.6s	20.80nm			4.7mb	
MZF	21.43	307	eP	06	03.60	-0.2
	0.8s	18.60nm			4.5mb	
GRC	21.53	311	iPd	06	04.60	-0.3
MEM	21.54	321	P	06	05.70	0.9
ENN	21.68	321	e(P)	06	11.00	4.8X
TCF	21.70	307	eP	06	06.40	-0.1
	0.7s	5.50nm			4.1mb	
RJF	21.83	304	eP	06	07.80	-0.1
	0.7s	16.30nm			4.6mb	
LPO	21.88	303	eP	06	07.80	-0.5
	0.7s	14.10nm			4 5mb	
DOU	21.99	318	Pc	06	08.80	9.6
SHI	22.04	98	eP	06	11.00	0.8
EPF	22.10	298	eP	06	11.60	1.0
	0.7s	5.50nm			4.1mb	
LSF	22.13	307	eP	06	10 80	0.0
	0.8s	7.40nm			4.2mb	
LFF	22.26	303	eP	06	12.30	0.2
	0.8s	13.40nm			4.4mb	
MFF	23.34	307	eP	06	23.10	0.5
	0.7s	9.70nm			4.4mb	
LDF	24.02	311	eP	06	29.20	-0.1
	0.7s	6.60nm			4.3mb	
LGR	24.08	296	eP	06	29.00	-0.9
FLN	24.31	312	eP	06	31.70	-0.3
	0.6s	21.60nm			4.9mb	
LPF	24.39	310	eP	06	32.60	-0.2
	0.7s	15.10nm			4.6mb	
GRR	24.40	310	eP	06	32.20	-0.7
	0.5s	11.70nm			4.7mb	
NUR	25.06	357	eP	06	37.00	-2.1
TOL	25.09	289	eP	06	41.00	1.3
HFS	26.15	345	eP	06	49.00	-0.3
	0.4s	2.10nm			4.1mb	
SUF	27.23	359	eP	07	00.00	0.9
NB2	27.52	343	P	06	58.90	-3.0X
	0.9s	2.30nm			3.8mb	
BNG	31.97	197	iPd	07	43.70	1.9
	0.8s	6.10nm			4.5mb	
BCAO	31.98	197	eP	07	43.20	1.3
KIC	41.32	233	eP	09	01.90	1.1
DMN	49.30	82	eP	10	06.40	1.7
	0.5s	11.00nm			5.1mb	
KKN	49.37	82	eP	10	06.50	1.4
	0.5s	8.00nm			5.0mb	
PKI	49.56	82	eP	10	07.60	0.9
	0.7s	10.00nm			5.0mb	
GBA	49.96	103	Pd	10	14.80	5.4X
	1.0s	19.70nm			5.1mb	
FRB	61.23	330	eP	11	31.00	0.9
SCH	64.01	320	eP	11	48.00	-0.7
YKA	77.62	343	eP	13	15.10	4.6X
FFC	80.11	333	eP	13	25.00	0.8
	0.7s	3.00nm			4.4mb	
SES	86.87	335	eP	14	00.00	1.2
LRM	91.24	333	eP	14	20.70	0.9

S.D. = 1.2 on 98 of 114 obs.

MAY 10, 1985 04h 28m 37.93± 0.26s
43.342 N ± 4.7km 142.200 E ± 4.5km
DEPTH = 183.6 ± 3.2 km
4.8mb (45 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (I JMA) at Kushiro.

ASA	0.45	16	Pc	29	02.70	0.1
			iS	29	20.50	
SAP	0.70	246	iP	29	04.60	0.3
			iS	29	24.00	

RMJ	0.73	326	iP+	29 04.30	-0.2
			iS	29 23.20	
OBI	0.86	119	iPc	29 05.70	0.4
			iS	29 26.20	
URA	1.26	160	iPc	29 10.10	1.8
			iS	29 34.50	
MRR	1.36	222	iP	29 09.90	0.7
			iS	29 32.60	
SUT	1.54	250	Pd	29 11.70	0.9
			S	29 36.50	
KUS	1.65	102	eP	29 10.00	-1.9
			S	29 35.10	
HAK	1.86	215	Pc	29 15.10	1.0
			iS	29 41.90	
AOM	2.73	203	iPc	29 25.00	1.0
			eS	30 00.00	
TSK	7.30	193	eP	30 20.90	-2.0
MAT	7.45	206	iPc	30 24.90	0.0
	0.5s	71.83nm			5.3mb
			eS	31 47.00	
DDR	7.69	199	eP	30 26.90	-1.2
			S	31 50.10	
SRY	8.05	197	eP	30 31.90	-0.9
OYM	8.23	197	eP	30 33.90	-1.4
KYS	8.29	192	eP	30 35.60	-0.3
BJI	19.69	269	eP	32 54.00	-0.7
TTA	40.01	39	eP	35 56.00	0.2
BRW	40.43	26	eP	35 57.40	-1.6
IMA	41.04	34	eP	36 03.50	-0.8
PME	43.36	40	eP	36 23.60	0.5
	0.6s	9.80nm			4.5mb
COL	43.53	36	iPc	36 24.40	0.0
	0.8s	46.64nm			5.1mb
FBA	43.53	36	eP	36 24.00	-0.4
	0.6s	32.30nm			5.1mb
CHTO	43.74	250	e(P)	36 28.00	1.4
	0.8s	2.01nm			3.7mb X
NNT	47.66	243	eP	36 55.20	-2.3
KKN	47.94	271	eP	37 00.20	0.4
PKI	47.97	270	eP	36 59.00	-1.2
	0.4s	4.00nm			4.3mb
DMN	48.16	271	eP	37 02.20	0.6
	0.5s	6.00nm			4.4mb
INK	48.57	30	iPc	37 03.00	-0.8
	0.6s	27.00nm			5.0mb
MBC	50.33	18	iPc	37 16.10	-1.1
	0.5s	19.00nm			4.9mb
ALE	53.80	4	eP	37 41.00	-2.0
	0.8s	34.00nm			5.1mb
KEV	57.79	338	iP	38 10.00	-1.5
	0.8s	24.90nm			5.1mb
YKA	58.10	32	eP	38 13.20	-0.6
YKC	58.16	32	ePc	38 13.40	-0.8
	0.9s	20.00nm			4.9mb
SOD	59.42	336	iP	38 21.30	-1.5
DAG	59.56	355	iPd	38 21.10	-2.5
	0.6s	60.00nm			5.6mb
KJF	61.14	333	iP	38 33.20	-1.3
	0.7s	21.40nm			5.1mb
GBA	62.47	263	Pc	38 43.30	-0.5
	0 2s	1.90nm			4.6mb
SUF	62.66	332	iP	38 42.90	-1.6
	0 6s	31.70nm			5.4mb
PNT	63.31	46	eP	38 48.00	-1.1
	0.9s	12.00nm			4.8mb
EDM	64.09	40	eP	38 53.50	-0.6
NEW	65.26	46	eP	39 02.00	0.3
MFW	66.02	49	P	39 07.20	0.7
UPP	67.57	333	iP	39 14.50	-1.5
FFC	68.12	34	iPc	39 19.20	-0.2
	0.7s	17.00nm			4.9mb
HFS	68.61	335	iPc	39 21.10	-1.3
	0.6s	37.10nm			5.3mb
NB2	68.62	337	P	39 19.10	-3.4X
	0.7s	26.70nm			5.1mb
LRM	69.28	46	iPc	39 27.40	0.4
JAS1	69.85	57	P	39 31.00	0.7
BMN	70.15	53	eP	39 33.20	0.9
	0.5s	2.38nm			4.2mb
HPI	70.33	48	P	39 34.00	0.5
FRB	70.51	14	iPc	39 32.60	-1.2
	0.7s	51.00nm			5.4mb
AFI	70.82	132	P	39 55.00	18.6X
BDW	72.86	47	P	39 48.80	0.4
	0.7s	9.35nm			4.6mb
KRA	74.23	325	iPc	39 56.00	0.2
	0.8s	60.00nm			5.4mb

			e	39 57.60	
SPC	74.76	325	eP	40 01.00	1.8
RSSD	74.77	43	P	39 59.30	-0.1
KSP	75.07	328	iPc	40 00.90	0.2
CLL	75.94	330	iPc	40 05.70	0.2
BRG	75.94	329	iP	40 06.00	0.4
	1.2s	19.00nm			4.7mb
PRU	76.43	328	Pc	40 08.80	0.5
	1.1s	15.30nm			4.6mb
			e	40 11.40	
SRO	76.64	325	eP	40 10.40	0.9
ZST	76.84	326	e(P)	40 11.00	0.4
MOX	76.99	330	eP	40 12.00	0.6
HOF	77.16	330	iPc	40 12.70	0.3
EKA	77.39	341	Pc	40 13.40	-0.1
	0.9s	9.00nm			4.5mb
KHC	77.49	328	iPc	40 14.90	0.7
	1.0s	17.50nm			4.7mb
WTS	77.50	334	eP	40 14.00	-0.1
	0.7s	14.00nm			4.8mb
WET	77.75	329	iPc	40 16.20	0.6
	1.0s	15.00nm			4.7mb
GRF	77.92	330	iPc	40 17.20	0.7
	0.8s	28.00nm			5.0mb
	Z 21s	52.00um			6.8MszX
ENN	78.84	333	eP	40 20.50	-1.0
	1.0s	16.00nm			4.7mb
MEM	78.95	333	P	40 12.40	-9.6X
SCH	79.15	17	eP	40 23.00	-0.1
KBA	79.26	327	eP	40 23.50	-0.5
	1.0s	14.10nm			4.6mb
			id	40 24.50	
			i	40 26.30	
VAY	79.74	318	eP	40 27.00	0.5
ALQ	80.11	51	eP	40 29.80	1.0
	0.9s	4.62nm			4.2mb
CDF	80.40	331	eP	40 30.00	0.0
OHR	80.75	319	eP	40 32.20	0.3
CTI	80.77	328	eP	40 31.00	-0.9
HAU	81.07	332	eP	40 33.30	-0.1
SAL	81.57	328	e(P)	40 26.00	-9.9X
ORO	82.52	330	eP	40 41.00	-0.1
LOR	82.56	333	iPc	40 41.00	-0.1
	1.0s	18.00nm			4.8mb
FLN	82.60	336	eP	40 41.00	-0.2
LBF	82.76	333	iPc	40 42.00	-0.2
	0.9s	9.00nm			4.5mb
SSF	82.85	333	iPc	40 42.60	0.0
	0.9s	11.40nm			4.6mb
GRR	83.04	336	eP	40 43.60	0.1
SMF	83.11	333	iPc	40 44.10	0.2
	1.1s	20.50nm			4.8mb
AVF	83.14	333	iPc	40 44.40	0.4
	0.9s	18.70nm			4.9mb
MNS	83.37	325	eP	40 45.50	0.2
LPF	83.42	336	eP	40 45.70	0.3
MZF	83.90	333	iPc	40 48.60	0.7
	0.8s	23.60nm			5.0mb
TCF	83.96	333	iPc	40 48.50	0.3
LSF	84.21	334	iPc	40 49.70	0.2
	0.7s	10.60nm			4.7mb
MFF	84.43	335	eP	40 51.10	0.6
OCO	84.54	45	e(P)	40 52.50	1.2
FRF	84.78	329	eP	40 52.30	0.0
LRG	84.98	329	iPc	40 53.60	0.3
	0.6s	10.10nm			4.8mb
LMR	85.03	329	iPc	40 53.70	0.1
	0.7s	14.20nm			4.8mb
RJF	85.06	333	eP	40 54.40	0.7
TUL	85.10	44	iPd	40 55.00	0.9
	0.7s	18.60nm			5.0mb
CAF	85.21	333	iPc	40 55.80	1.3
	1.0s	14.00nm			4.7mb
RLO	85.28	43	iPd	40 55.80	0.8
LFF	85.64	334	eP	40 57.90	1.3
LPO	85.72	333	eP	40 58.20	1.2
LTX	85.82	53	eP	40 59.00	1.1
	1.0s	1.60nm			3.8mb X
FVM	86.03	39	P	40 58.50	-0.2
BHO	86.77	44	e(P)	41 03.00	0.7
MLS	87.28	333	eP	41 05.60	1.0
EPF	87.46	333	eP	41 06.20	0.6
	0.9s	13.70nm			4.8mb
BUL	120.56	270	iPdiff	43 32.70	-2.1X
	1.0s	8.50nm			
ITR	145.55	1	ePKP	47 55.80	-0.1
	1.0s	9.00nm			

			e	47 57.50	
			e	48 03.00	
SOB1	145.89	5	ePKP	47 57.50	1.0
	0.7s	3.50nm			
			e	49 58.40	
YJA	148.80	56	ePKP	48 02.00	0.6

S.D. = 0.9 on 109 of 114 obs

MAY 10, 1985 04h 30m 08.92± 0 61s
7.222 S ± 3.6km 129.128 E ± 4 3km
DEPTH = 111.6 ± 5.6 km
5.2mb (25 obs.)
BANDA SEA (280)

TLE	3.93	67	iPc	30 55.10	-13.2X
MTN	5.93	161	iPd	31 36.50	0.8
KNA	8.48	182	iPd	32 10.80	0.2
			eS	33 38.00	
WRA	13.62	159	Pd	33 15.40	-3.3X
	1.0s	499.20nm			5.8mb
WB2	13.62	159	iPc	33 15.00	-3.8X
			iS	35 38.70	
DAV	14.65	346	eP	33 36.00	4.1X
			eS	36 14.00	
MBL	16.52	212	eP	33 56.00	0.7
	0.3s	20.00nm			4.8mb
			eS	36 52.00	
MDG	16.67	84	eP	34 02.00	4.8X
ISO	16.79	144	iPc	33 57.70	-1.0
	0.9s	456.00nm			5.7mb
			eS	36 58.00	
			e	38 53.00	
ASPA	16.98	165	iPc	33 59.20	-1.9
			eS	36 00.00	
LAT	17.75	89	eP	34 12.00	1.5
PMG	17.97	98	eP	34 12.00	-1.1
KKM	18.43	315	ePc	34 20.70	2.0X
MOM	18.92	75	iPc	34 25.00	1.2
WBN	18.97	187	eP	34 24.50	0.2
CTA	20.96	129	iPd	34 45.20	0.4
	1.0s	35.00nm			4.7mb
			iS	38 28.00	
ALOA	21.22	100	eP	34 50.00	2.6X
MEK	21.75	206	eP	34 54.00	1.3
	0.4s	34.00nm			5.1mb
			eS	38 56.00	
KVG	22.07	79	iPc	34 57.00	1.2
KLG	24.52	196	eP	35 20.00	0.6
BAG	24.96	340	eP	35 24.80	1.0
			e	35 54.00	
MRWA	25.14	208	eP	35 25.00	-0.2
			e	36 02.00	
			eS	40 10.00	
PJG	25.92	37	eP	35 28.70	-3.8X
BAL	26.02	205	iPc	35 33.10	-0.2
	0.3s	13.00nm			5.0mb
			eS	40 29.00	
KLB	26.47	202	iPc	35 37.20	-0.2
			eS	40 36.00	
RMO	26.76	138	iPc	35 39.20	-0.9
			e	36 06.00	
STK	27.15	156	iPc	35 42.70	-0.9
			e	36 08.00	
KGM	27.34	289	eP	35 47.00	1.5
MUN	27.42	204	iPc	35 45.70	-0.3
NWAO	27.86	202	eP	35 50.00	0.0
			eS	41 11.00	
CMS	28.74	149	iPc	35 56.60	-1.4
			e	36 31.00	
RKG	28.97	201	eP	36 04.00	4.0X
ADE	28.99	164	iPd	36 00.30	0.1
	0.9s	58.82nm			5.2mb
IPM	30.40	292	ePd	36 12.80	0.0
SVO	30.43	96	P	36 11.00	-2.1
HNR	30.57	96	eP	36 13.00	-1.3
COO	31.54	140	iPc	36 22.70	-0.1
	0.9s	67.00nm			5.4mb
BFD	32.22	160	iPc	36 28.50	0.0
	0.9s	129.00nm			5.7mb
YOU	32.26	149	iPc	36 28.70	-0.2
OIZ	32.28	324	eP	36 29.60	0.4
CAN	33.39	150	iPc	36 38.90	0.1
			e	37 11.20	
TOO	33.67	156	iPc	36 41.80	0.7
WAM	34.03	151	iPc	36 44.50	0.3
			e	37 14.30	
KOU	36.51	115	iPc	37 04.80	-0.5

10d 04h

KHT	37.35	306	eP	37	14.00	1.6
SSE	38.85	349	eP	37	25.40	0.6
			sP	38	02.40	
NOU	38.94	117	iPd	37	25.50	-0.2
WHN	40.14	340	eP	37	36.50	1.1
			i	38	10.00	
NJ2	40.26	346	Pc	37	37.40	1.0
KMI	41.15	322	Pc	37	45.50	1.4
MAT	44.36	10	iPc	38	08.50	-1.3
	1.0s	30.00nm			5.0mb	
			eS	44	30.00	
CD2	45.03	329	eP	38	15.40	0.1
XAN	45.28	336	P	38	16.30	-0.9
TIY	47.34	342	P	38	33.00	-0.4
BJI	48.52	347	eP	38	42.00	-0.4
SHL	48.72	313	iP	38	44.00	-0.4
LZH	49.20	333	eP	38	48.50	0.6
	1.5s	50.00nm			5.2mb	
MSZ	50.26	144	P	38	56.00	0.3
			e	40	12.00	
HHC	50.49	343	eP	38	57.60	0.0
CN2	50.89	357	eP	39	00.00	-0.4
KRP	51.87	133	P	39	06.10	-1.9
TCW	52.42	138	Pc	39	10.40	-1.6
PKI	54.62	311	iPc	39	28.60	-0.2
	0.8s	42.00nm			5.5mb	
KKN	54.83	31.	iPc	39	30.30	0.1
DMN	54.86	311	iPc	39	30.70	0.2
GBA	55.33	292	Pc	39	31.80	-1.9
	0.5s	8.00nm			5.0mb	
HYB	55.64	297	eP	39	33.50	-2.4
			e	40	16.00	
			e	40	33.00	
NDI	61.44	308	iPc	40	14.00	-2.0
	0.7s	44.52nm			5.6mb	
WMO	63.11	328	P	40	26.60	-0.3
SBA	73.23	172	iPc	41	29.10	0.1
	1.0s	26.00nm			5.0mb	
MAW	74.43	201	iPc	41	36.70	0.6
MHI	78.15	309	eP	41	59.00	1.3
AFR	79.40	106	eP	42	06.00	1.4
	0.6s	50.00nm			5.5mb	
PAE	79.58	107	eP	42	07.00	1.4
	0.6s	20.00nm			5.1mb	
AVY	79.59	252	ePd	42	06.80	0.9
PPT	79.59	107	eP	42	07.00	1.3
	0.6s	30.00nm			5.3mb	
PPN	79.73	106	eP	42	08.00	1.6
	0.6s	25.00nm			5.2mb	
PMO	81.41	104	iP	42	17.20	1.9
	0.6s	25.00nm			5.2mb	
VAH	81.64	104	iP	42	18.40	1.9
	0.6s	15.00nm			5.0mb	
TPT	81.68	104	iP	42	18.40	1.7
	0.6s	30.00nm			5.3mb	
RUV	81.88	104	iP	42	19.60	1.9
	0.6s	30.00nm			5.3mb	
SPA	82.83	180	iPc	42	21.60	-0.3
	0.7s	43.36nm			5.5mb	
IR2	84.70	307	iPc	42	33.00	1.1
TTA	89.57	26	P	42	54.60	-0.3
	0.9s	11.46nm			5.0mb	
IMA	91.39	23	P	43	02.80	-0.5
COL	93.55	25	eP	43	12.00	-1.1
FBA	93.55	25	P	43	12.00	-1.1
INK	99.40	22	eP	43	38.00	-1.6
MBC	102.02	13	ePdiff	43	50.00	-1.1
YKA	108.33	26	ePdiff	44	20.80	1.3
YKA	108.33	26	ePKP	48	24.90	-0.3
NB2	109.58	333	PKP	48	25.20	-2.5X
	0.8s	0.90nm				
BNG	110.94	272	ePKPd	48	29.20	-2.5X
	0.9s	6.90nm				
EUR	113.73	50	iPKP	48	37.80	1.2
	0.2s	10.61nm				
LRM	114.80	43	ePKP	48	37.30	-1.2
BSF	116.73	320	ePKP	48	40.80	-1.1
	0.7s	6.90nm				
MSU	116.82	50	PKP	48	43.00	0.4
BDW	117.65	45	PKP	48	43.00	-1.0
	0.9s	4.49nm				
LOR	118.79	321	ePKP	48	44.80	-0.9
LBF	118.82	320	ePKP	48	45.00	-0.8
SSF	119.09	321	ePKP	48	45.60	-0.7
	0.7s	6.60nm				
AVF	119.29	320	ePKP	48	45.80	-0.8
	0.9s	5.80nm				
BGF	119.71	320	ePKP	48	47.10	-0.4
	0.7s	11.00nm				
LSF	120.66	320	ePKP	48	48.30	-1.0
RSSD	121.00	42	PKP	48	49.00	-1.3
MFF	121.57	321	ePKP	48	50.40	-0.6
	0.9s	9.80nm				
GOL	121.60	48	PKP	48	51.50	-0.1
ALO	122.13	53	ePKP	48	52.30	-0.4
FRB	122.16	9	ePKP	48	51.00	-0.5
RSON	123.90	31	ePKP	48	54.30	-1.1
LTX	125.78	59	PKP	48	59.50	-0.4
JCT	128.74	57	ePKP	49	06.00	0.6
OCO	128.92	50	e(PKP)	49	05.50	0.0
TUL	130.03	48	iPKPc	49	08.30	0.7
	1.1s	22.70nm				
RLO	130.50	48	ePKP	49	07.70	-0.8
BHO	131.34	50	ePKP	49	10.00	-0.1
KIC	134.20	272	ePKP	49	04.80	-11.3X
			e	49	16.70	
ANT	143.82	149	iPKPc	49	31.20	-2.1X
YJA	147.46	154	ePKPc	49	41.20	1.2
ITB7	147.69	174	iPKPd	49	42.60	2.8X
ITB	148.01	174	PKPd	49	43.40	3.1X
GCM	148.04	65	PKP	49	43.70	3.3X
ITB1	148.14	174	PKPd	49	43.80	3.4X
ARE	148.85	139	iPKPc	49	46.00	3.8X
VAD	149.72	187	iPKPc	49	48.20	5.2X
			e	49	50.40	
			e	49	53.40	
LPB	150.89	144	PKPc	49	46.50	1.1
			i	49	52.00	
CCH	151.27	148	PKP	49	47.00	1.2
	0.8s	5.30nm				
			i	49	52.90	
UPA	151.57	85	ePKPd	49	45.50	-0.4
	0.9s	31.93nm				
			i	49	51.20	
PSO	152.96	102	ePKP	49	50.00	1.5
BOG	156.79	95	ePKP	49	32.00	-21.6X
BAO	157.11	187	PKP	49	54.40	0.8
ITR	159.85	218	ePKP	49	56.90	0.3
	1.3s	12.00nm				
			i	50	36.30	

S.D. = 1.0 on 112 of 132 obs.

& MAY 10, 1985 05h 39m 36.30s
31.710 N 115.770 W
DEPTH = 6.0km (geophysicist)
4.6mb (3 obs.)
BAJA CALIFORNIA (48)
<PAS-P>. ML 4.8 (PAS).

IKP	0.98	343	iPc	39	54.10	-1.2
BAR	1.23	322	iPc	39	58.40	-1.2
GLA	1.56	31	eP	40	03.00	-1.6
SLBC	1.81	316	eP	40	08.10	-0.1
			eS	40	30.50	
SDW	3.09	340	eP	40	26.00	-0.6
VPEM	4.56	339	P	40	46.30	-1.2
BLP	4.81	307	P	40	50.00	-1.0
PRI	6.01	319	eP	41	08.00	0.0
FRI	6.19	329	eP	41	11.70	1.2
PRS	6.55	316	eP	41	14.00	-1.5
SAO	6.89	319	iPc	41	19.20	-1.1
MNA	6.99	344	eP	41	21.90	0.1
JAS1	7.28	330	iPd	41	25.60	-0.3
MSU	7.40	22	P	41	30.00	2.3
EUR	7.76	359	iP	41	33.00	0.3
	0.2s	11.16nm			5.7mb	X
ALO	8.43	65	eP	41	40.00	-2.1
BMN	8.78	353	P	41	47.00	0.1
LTX	10 70	100	eP	42	13.50	0.2
BDW	12.10	22	P	42	35.50	3.2
	1.0s	3.25nm			4.6mb	
LRM	14.32	9	eP	43	07.10	5.2
NEW	16.57	357	eP	43	35.00	4.3
TUL	17.12	70	eP	43	39.50	1.8
	1.3s	37.70nm			4.4mb	
Z	19s	0.45um				
BHO	17.73	76	e(P)	43	55.00	9.7
RLO	17.77	70	eP	43	48.70	2.8
POW	20.86	71	P	44	16.50	-4.8
EDM	21.57	4	iPc	44	30.40	1.9
RSON	25.15	34	P	45	04.80	1.3
	0.7s	12.40nm			4.7mb	
INK	38.04	349	eP	47	01.00	4.2
IMA	41.25	338	P	47	27.00	3.5

29 obs. associated

& MAY 10, 1985 05h 41m 23.40s
32.020 N 115.850 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 3.6 (PAS).

CPE	1.36	309	eP	41	47.70	-1.2
			eS	42	06.60	

1 obs. associated

? MAY 10, 1985 06h 31m 10.58± 9.77s
17.039 N ±72.1km 60.605 W ±30.0km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)

SEG	1.07	234	eP	31	30.20	-0.5
MGG	1.31	212	eP	31	34.60	-0.2
PAG	1.44	226	eP	31	37.00	0.2
MDN	1.88	204	eP	31	43.30	0.3
CRM	2.29	188	eP	31	49.58	0.5
FDF	2.35	193	eP	31	50.09	0.2
			S	32	15.60	
MVM	2.49	187	eP	31	49.40	-2.4
BIM	2.55	190	eP	31	54.02	1.4

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

• MAY 10, 1985 07h 01m 47.84± 2.01s
33.703 N ± 8.6km 141.249 E ±11.1km
DEPTH = 46.8 ± 19.2 km
4.5mb (5 obs.)
OFF EAST COAST OF HONSHU, JAPAN (229)

HJJ	1.36	244	eP	02	13.00	2.3
			iS	02	28.50	
KYS	1.75	329	eP	02	31.70	15.5X
OYM	2.38	317	eP	02	24.00	-1.3
SRY	2.50	320	eP	02	25.70	-1.3
TSK	2.67	340	eP	02	29.00	-0.4
DDR	2.85	324	eP	02	31.70	-0.3
			S	03	07.10	
MAT	3.77	320	iPc	02	45.00	0.0
			iS	03	26.30	
PJG	20.29	170	eP	06	23.70	1.3
GUA	20.35	170	eP	06	23.30	0.3
	0.9s	114.29nm			5.2mb	
WB2	53.75	188	eP	11	05.50	-2.1
WRA	53.75	188	Pc	11	05.80	-1.8
	0.4s	10.10nm			5.2mb	
INK	57.43	26	eP	11	33.00	-0.7
ASPA	57.48	188	eP	11	33.00	-1.5
GBA	60.87	267	Pc	11	59.50	1.3
	0.6s	1.50nm			4.3mb	
WBN	61.12	195	eP	11	59.50	-0.1
MRWA	66.99	204	eP	12	37.00	-0.9
SOD	67.98	338	eP	12	49.00	5.3X
KJF	69.46	335	eP	13	07.00	14.2X
SUF	70.90	334	eP	13	09.00	7.4X
NUR	72.83	332	eP	13	09.00	-4.1X
LRM	76.63	44	eP	13	37.20	1.6
APO	76.69	336	(P)	13	42.40	7.1X
	0.5s	1.40nm			4.2mb	
NB2	77.20	338	P	13	39.20	1.0
	0.6s	1.30nm			4.1mb	
FRB	80.04	13	eP	13	55.00	1.5

S.D. = 1.4 on 18 of 24 obs.

MAY 10, 1985 07h 41m 23.69± 0.60s
5.673 S ± 8.4km 151.176 E ± 7.5km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.77	34	iPd	41	52.00	-0.6
	0.5s	2253.52nm				
KVG	3.10	353	eP	42	12.00	0.5
BGA	4.01	97	eP	42	25.00	0.5
LAT	4.26	257	eP	42	32.00	4.0X
PAA	4.34	98	eP	42	29.00	-0.1
LMG	4.40	223	iPd	42	29.80	-0.2
PMG	5.45	227	iPc	42	46.00	1.3
WB2	21.65	228	eP	46	12.70	-0.8
WRA	21.66	228	Pc	46	12.90	-0.7
	0.6s	4.90nm			4.1mb	

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

? MAY 10, 1985 08h 11m 10.33± 2.24s
16.451 N ±30.1km 94.587 W ± 9.2km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
OAXACA, MEXICO (60)

VHO	2.20	291	iP	11 45.00	-0.4
COM	2.37	94	iP	12 13.00	25.1X
			iS	12 54.50	
TPM	4.95	301	iP	12 25.00	0.4
IIP	5.03	306	eP	12 28.00	2.2X
III	5.04	293	iP	12 25.00	-0.8
TAC	5.28	305	iP	13 02.00	32.7X
IIC	5.53	307	eP	12 37.00	4.1X
OXM	5.62	301	eP	12 35.00	0.8
BHO	17.86	359	eP	15 22.10	4.2X
TUL	19.41	357	iP	15 36.90	0.2
	0.8s	34.60nm		4.7mb	
			i	15 56.20	
			e	16 05.50	
			e	16 14.40	
RLO	19.64	359	iP	15 39.80	0.5
ALQ	21.26	332	eP	15 56.00	-0.3
	0.8s	2.80nm		3.7mb	
LHC	32.18	7	eP	17 35.00	-2.2
LRM	32.87	337	eP	17 44.10	0.4
YKC	48.06	348	eP	19 48.00	-0.3
	0.9s	14.00nm		5.0mb	
YKA	48.10	348	eP	19 48.80	0.2
FRB	50.54	15	eP	20 08.00	0.7
INK	57.38	344	eP	20 57.00	-0.6
NB2	83.18	28	P	23 35.20	0.8
	0.9s	1.50nm		4.1mb	
	S.D. = 0.9	on	14 of	19 obs.	

& MAY 10, 1985 08h 59m 14.80s
31.930 N 115.850 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.7 (PAS).

IKP	0.75	343	iPc	59 28.80	-1.0
			eS	59 39.40	
BAR	1.02	317	eP	59 33.10	-1.4
SL8C	1.61	312	eP	59 44.10	0.4
			eS	00 04.70	
SDW	2.86	339	e(P)	00 06.50	4.6
	4 obs. associated				

% MAY 10, 1985 09h 20m 00.95± 1.05s
39.113 N ± 7.6km 27.637 E ±12.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.77	202	iPn	20 16.00	0.0
EZN	1.24	305	iPn	20 24.30	0.3
BNT	1.26	10	iPn	20 24.30	-0.1
KCT	1.26	26	iPn	20 24.80	0.4
KGT	1.36	349	ePn	20 25.30	-0.6
	S.D. = 0.6	on	5 of	5 obs.	

% MAY 10, 1985 10h 51m 04.71± 1.31s
31.949 S ± 9.6km 67.345 W ±11.5km
DEPTH = 145.1 ± 21.1 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.83	294	ePd	51 27.50	-0.5
			S	51 42.60	
RTCV	1.02	275	iPc	51 29.30	-0.2
			S	51 46.70	
RTLL	1.14	302	iPd	51 30.40	-0.2
			S	51 47.00	
ZON	1.20	289	iPc	51 32.20	0.9
			eS	51 50.00	
RTCB	1.32	290	iPc	51 32.50	0.0
			S	51 51.00	
TCA	2.43	76	iPd	51 45.40	0.2
			S	52 13.20	
RFA	2.97	198	ePd	51 52.00	-0.1
			S	52 27.00	
SLA	7.38	13	e(P)	52 51.00	-0.1
	S.D. = 0.6	an	8 of	8 obs.	

? MAY 10, 1985 11h 09m 39.98± 5.29s
12.185 N ±56.7km 90.041 W ±13.6km
DEPTH = 125.0 ± 13.6 km
4.1mb (3 obs.)

OFF COAST OF CENTRAL AMERICA (76)
Felt (II) at San Salvador, El Salvador.

SSS	1.70	29	iPd	10 10.20	-0.3
			eS	10 25.30	
COM	4.52	334	iP	10 50.00	2.3
PBJ	6.70	310	iP	11 12.00	-5.3X
VHO	8.19	309	iP	11 36.00	-1.7
III	10.98	305	eP	12 15.00	0.1
TPM	11.01	309	eP	12 14.50	-0.7
OXM	11.67	309	iP	12 23.50	-0.6
LTX	21.26	325	P	14 18.80	1.1
	0.7s	3.87nm		3.9mb	
BHO	22.53	350	eP	14 29.30	-0.7
OLY	23.25	357	P	14 37.00	0.0
RSCP	23.66	9	P	14 42.00	1.0
POW	23.88	358	P	14 41.00	-2.1
TUL	24.19	349	eP	14 44.70	-1.3
	0.7s	16.30nm		4.6mb	
OCO	24.19	345	eP	14 45.20	-0.9
RLO	24.30	350	iP	14 47.30	0.2
ELC	25.00	2	P	14 53.50	-0.2
ALQ	27.12	329	e(P)	15 16.00	2.7
BMN	36.93	325	P	16 39.00	0.4
RSON	38.68	356	eP	16 52.10	-0.8
	0.6s	1.67nm		4.0mb	
			pP	17 10.70	77kmX
EDM	44.97	340	eP	17 45.50	1.3
SCH	46.29	18	eP	17 55.00	0.4
YKA	53.23	346	eP	18 49.80	2.5X
INK	62.70	343	eP	19 56.00	2.7X
	S.D. = 1.3	an	20 of	23 obs.	

? MAY 10, 1985 11h 52m 02.92± 3.95s
39.578 N ±28.8km 28.810 E ±18.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.14	281	iPg	52 06.10	-0.2
			iSg	52 09.10	
KCT	0.76	333	iPg	52 16.70	-1.0
EDC	1.06	317	ePn	52 23.20	0.3
YLV	1.08	23	iPn	52 22.70	-0.5
CTT	1.59	350	ePn	52 32.70	1.5
	S.D. = 1.4	on	5 of	5 obs.	

% MAY 10, 1985 13h 58m 26.93± 0.87s
39.111 N ± 7.5km 27.604 E ± 8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.76	201	iPn	58 41.70	-0.1
DST	0.93	58	iPn	58 45.10	0.3
EZN	1.22	306	iPn	58 49.90	0.3
EDC	1.25	9	ePn	58 49.70	-0.4
KCT	1.28	27	ePn	58 50.60	0.0
	S.D. = 0.4	on	5 of	5 obs.	

MAY 10, 1985 14h 45m 41.39± 0.77s
43.488 N ± 3.7km 0.696 W ± 8.6km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 3.2 (LDG).

OGE	0.36	153	P	45 48.66	-0.1
MADF	0.36	194	P	45 49.30	0.4
			S	45 55.15	
ATE	0.40	181	P	45 49.82	0.2
			S	45 55.52	
ESCF	0.42	168	P	45 49.89	-0.1
JAU	0.51	152	P	45 51.26	-0.5
LHE	0.58	175	P	45 52.70	-0.5
EPF	0.88	121	Pn	45 58.60	0.2
			Pg	45 59.00	
			Sg	46 10.50	
MLS	1.40	112	eP	46 07.60	0.6
			eS	46 24.70	
LFF	1.78	35	Pg	46 17.70	5.4X
			Sg	46 41.90	
LPO	1.81	48	Pg	46 17.60	4.8X
			Sg	46 41.90	
RJF	2.41	40	Pn	46 21.60	0.1
			Pg	46 29.00	
			Sg	47 01.10	
CAF	2.45	53	Pn	46 22.30	0.2
			Pg	46 29.90	
			Sg	47 02.30	
MFF	3.14	7	Pg	46 43.20	11.4X
			Sg	47 24.90	
LSF	3.18	29	Pn	46 32.40	0.0
			Sn	47 09.30	
			Sg	47 25.80	
BGF	3.97	38	Pn	46 43.00	-0.5
			Sg	47 49.20	
	S.D. = 0.4	an	12 of	15 obs.	

? MAY 10, 1985 14h 45m 51.75± 9.96s
31.132 S ±58.0km 69.307 W ±72.4km
DEPTH = 119.6 ± 37.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.56	129	iPd	46 10.20	-0.2
			S	46 23.80	
RTLL	0.74	106	iPd	46 12.00	0.3
			S	46 27.30	
RTCV	0.98	138	iPc	46 13.70	-0.2
			S	46 29.30	
CFA	1.03	118	ePd	46 14.50	0.1
			S	46 31.20	
MDZ	1.79	168	eP	46 23.20	0.1
			iS	46 45.70	
TCA	4.05	94	ePc	46 52.80	-0.1
			S	47 37.00	
	S.D. = 0.3	an	6 of	6 obs.	

% MAY 10, 1985 15h 25m 34.74± 1.05s
40.345 N ± 9.0km 29.064 E ± 8.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.32	47	iPn	25 41.00	-0.5
KCT	0.55	260	ePn	25 45.30	-0.6
DST	0.81	205	ePn	25 51.10	0.6
EDC	0.92	270	iPn	25 51.80	-0.5
CTT	0.94	329	iPn	25 53.50	0.9
	S.D. = 1.0	an	5 of	5 obs.	

MAY 10, 1985 15h 35m 50.59± 0.47s
5.599 S ± 3.0km 151.045 E ± 3.2km
DEPTH = 26.7 ± 3.3 km
6.3mb (36 obs.) 7.1Msz (25 obs.)
NEW BRITAIN REGION (192)
Ms 7.3 (BRK). One person was killed. Damage (VII:) in the Biallo-Hoskins area. Extensive landslides, debris flows and fallen trees in the Nakanai Mountains. Ground cracks and subsidence occurred. A temporary hot springs was observed near Malasi. Felt (V) at Rabaul. Felt strongly in many parts of Papua New Guinea.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=188 Dip=80 Slip=-175
NP2: 97 85 -10
Principal Axes:
T Plg= 4 Azm=143
P 11 52
Comment: The focal mechanism is well controlled and corresponds to strike-slip faulting with a small reverse component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 22 No. of sta: 9
Moment Tensor; Scale 10**26 d-cm
Mrr= 0.12 Mtt= 1.48
Mff=-1.61 Mrt= 0.28
Mrf=-0.56 Mtf= 6.18
Principal axes:
T Val= 6.31 Plg= 1 Azm=142
N 0.18 85 40
P -6.49 5 232
Best Double Couple:Mo=6.4*10**26
NP1:Strike=277 Dip=85 Slip= -3
NP2: 7 87 -175
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 17C M.W.: 15S, 45C
Centroid Location:
Origin Time 15:36: 1.4 0.2

10d 15h

Lat 5.68S 0.01 Lon 150.97E 0.01
Dep 25.4 0.8 Half-duration 14.8
Moment Tensor; Scale 10**26 D-CM
Mrr= 0.25 0.05 Mtt= 1.81 0.04
Mff=-2.06 0.05 Mrt=-2.68 0.27
Mrf= 2.82 0.29 Mtf= 5.66 0.05
Principal Axes:
T Val= 5.92 Plg= 7 Azm=147
N 2.01 64 251
P -7.93 25 53
Best Double Couple:Mo=6.9*10**26
NP1:Strike=193 Dip=67 Slip=-166
NP2: 97 77 -23

RAB 1.79 39 iPd- 36 19.00 -1.2
KVG 3.02 355 eP 36 38.00 0.3
BGA 4.15 98 iPc 36 51.80 -2.1
eS 37 47.00
LAT 4.16 255 iP 36 55.00 1.1
LMG 4.37 221 iPd 36 56.00 -1.0
PAA 4.48 99 iPc 36 55.80 -2.7
eS 37 51.00
MOM 5.07 314 iPc 37 05.00 -1.8
MDG 5.25 274 iP 37 10.20 0.8
PMG 5.40 225 iPc- 37 13.00 1.4
VSG 9.33 113 e(P) 38 09.00 2.5
SVO 9.39 113 eP 38 07.00 -0.2
HNR 9.61 114 iPc 38 08.80 -1.5
CTA 15.14 197 iPc+ 39 25.30 0.9
iS 42 09.00
TLE 18.21 269 ePc 39 48.30 -15.0X
KOU 19.66 140 iPc 40 19.90 -0.7
GUA 19.96 342 eP 40 24.30 0.5
1.2s ********nm 7.1mb X
eS 43 54.00
GUMO 20.02 342 eP 40 24.60 0.1
PJG 20.02 342 eP 40 24.30 -0.2
PVC 20.75 127 iPc 40 31.20 -0.7
RMO 20.89 186 eP 40 34.00 0.6
e 48 26.00
MTN 20.92 248 iPc 40 32.20 -1.6
WB2 21.61 227 iPc 40 39.20 -1.5
WRA 21.61 227 Pc 40 39.60 -1.2
0.6s 162.20nm 5.6mb
NOU 22.31 140 iPc 40 47.00 -0.7
KNA 24.08 243 eP 41 05.00 0.0
ASPA 24.40 221 iPd 41 08.80 0.7
eS 45 28.00
e 51 33.00
COO 24.86 178 iPc 41 13.20 0.7
1.1s 1000.00nm 6.3mb
CMS 26.21 190 iPc 41 24.90 -0.2
1.2s 1341.00nm 6.4mb
eScP 48 51.00
MNI 27.09 284 ePd 41 34.50 1.2
1.5s 1447.70nm 6.4mb
STK 27.60 198 eP 41 37.00 -0.8
0.7s 33.00nm 5.1mb X
RIV 28.09 180 iPd 41 43.10 1.0
2.0s 134.12nm 5.3mb
eS 46 28.00
DAV 28.37 296 iP+ 41 44.00 -0.9
NDF 28.49 117 eP 41 47.00 1.0
YOU 28.64 185 iPc 41 47.20 0.0
SGE 28.85 117 ePc 41 49.10 -0.2
VUN 29.48 117 eP 41 54.10 -0.8
SVA 29.51 117 eP 41 54.50 -0.7
CAN 29.64 183 iPc 41 56.10 -0.1
CGP 29.76 298 ePd 42 04.50 7.1X
WAM 30.51 183 iPc 42 04.10 0.3
WBN 31.04 226 eP 42 08.00 -0.7
ADE 31.37 200 iPc 42 11.00 -0.5
0.9s 504.20nm 6.4mb
MKS 31.44 269 iPc 42 18.00 5.8X
TOO 32.22 188 eP 42 19.00 0.1
1.2s 1142.00nm 6.7mb
BFD 32.38 193 iPd 42 20.00 -0.2
1.0s 357.00nm 6.2mb
MBL 33.97 240 iPc 42 32.70 -1.6
0.5s 200.00nm 6.3mb
CRZ 34.99 148 P 42 43.00 0.2
OCP 35.88 304 iP 43 04.00 13.4X
MAN 35.89 304 eP 43 00.00 9.3X
KKM 36.64 288 ePc 42 56.20 -1.0
MVI 36.69 329 eP 42 59.00 1.8
BAG 37.24 306 iPc+ 43 02.00 -0.2
TAU 37.30 185 iPc 43 03.20 1.0

MEK 37.37 232 eP 43 02.00 -1.1
KLG 37.42 224 eP 43 02.00 -1.4
i 43 04.50
AFI 37.51 106 P 43 05.00 0.5
S 48 52.00
NAU 38.22 240 iPc 43 09.50 -0.7
NAH 38.90 325 eP 43 17.00 1.1
NGO 39.04 326 eP 43 19.00 2.0
eS 49 29.00
KRP 39.14 149 iP 43 18.00 0.3
eScP 49 15.00
eS 49 28.00
eScS 53 33.00
MYK 39.25 321 eP 43 22.00 3.2X
KMJ 39.50 325 eP 43 22.00 1.2
eS 49 36.00
ISI 39.64 320 eP 43 24.00 2.0
eS 49 31.00
NZJ 39.65 330 P 43 24.00 1.9
S 49 30.60
KLB 40.49 226 eP 43 28.00 -1.0
e 45 12.00
MRWA 40.59 230 eP 43 29.00 -0.9
BAL 40.74 228 iPc 43 30.30 -0.8
e 43 37.10
TCW 41.09 153 Pd 43 33.60 -0.2
ScP 55 26.00
ScS 57 55.40
MNG 41.18 151 P 43 33.10 -1.4
pP 43 44.50 41kmX
i 44 00.00
e(PP) 45 32.00
eS 49 27.00
WEL 41.37 153 iP 43 36.00 -0.1
ipP 43 46.00 34kmX
PP 45 23.40
PcP 45 32.00
PcS 49 29.50
eS 49 53.00
SHJ 41.45 341 eP 43 39.00 2.3
NWAO 41.59 225 eP 43 37.00 -1.0
MSZ 41.63 162 P 43 38.60 0.5
pP 43 47.60 30kmX
PP 45 34.00
MYZ 41.73 335 eP 43 40.00 0.9
eS 50 08.00
MUN 41.81 227 iPd 43 38.90 -0.9
KAG 41.82 333 eP 43 43.00 3.2X
KYS 41.86 347 eP 43 48.20 8.1X
ANP 41.96 318 iP+ 43 43.00 1.8
iS 50 03.00
NOB 42.20 335 eP 43 45.00 2.1
eS 50 10.00
OYM 42.28 346 eP 43 40.90 -2.8
KOC 42.33 338 eP 43 45.00 1.1
eS 50 16.00
RKG 42.38 224 iPd 43 47.10 2.6X
SRY 42.46 346 eP 43 42.40 -2.6
OSK 42.55 341 eP 43 49.00 3.2X
e 50 28.00
OSA 42.65 341 eP 43 49.00 2.4
OIT 42.79 336 eP 43 47.00 -0.7
eS 50 05.00
KUM 42.81 334 eP 43 49.00 1.1
eS 50 40.00
TKM 42.82 339 eP 43 50.00 2.0
e 50 25.00
TSK 42.83 347 eP 43 47.30 -0.8
DDR 42.85 346 eP 43 49.70 1.4
NGS 43.11 334 Pc 43 51.40 1.1
S 50 28.40
SAG 43.35 334 eP 43 55.00 2.7X
e 50 18.00
HIR 43.46 337 eP 43 54.00 0.8
eS 50 07.00
SHK 43.52 338 iPc 43 53.80 0.1
eS 50 20.50
FKK 43.61 335 Pc 43 55.10 0.7
eS 50 13.00
MAT 43.61 345 iPc 43 52.50 -1.9
1.0s 54.00nm 5.3mb X
eS 50 26.00
HMD 44.07 337 eP 43 59.00 0.9
eS 50 39.00
MTS 44.20 339 ePd 44 01.00 1.9
eS 50 37.00
HKC 45.51 309 iP 44 11.00 1.1

iS 50 51.00
MIY 45.79 350 eP 44 12.00 0.2
MCO 45.89 308 eP 44 22.60 9.7X
AKI 46.21 348 eP 44 15.00 -0.1
eS 51 03.00
SSE 46.32 324 Pc 44 16.80 0.7
6.0s 4.50nm 3.6mb X
N 10s 10.70um
E 14s 58.20um
sP 44 25.00
PcP 45 48.50
PP 46 08.00
ScP 49 42.00
PcS 49 44.00
S 51 04.00
sS 51 14.00
SS 54 13.00
KGM 48.26 278 ePd 44 31.00 -0.7
i 45 05.00
SEO 48.45 334 iPc+ 44 33.80 1.0
1.0s 1800.00nm 7.1mb
eS 51 37.00
CBZ 49.13 165 eP 44 39.80 2.0
SAP 49.22 351 eP 44 41.00 2.4
eS 51 54.00
RMJ 50.05 351 eP 44 52.00 7.1X
eS 52 15.00
RAR 50.07 113 P 44 48.00 2.5X
S 52 04.00
KLM 50.09 279 eP 44 54.40 9.6X
IPM 50.96 280 ePc 44 51.10 -1.4
e 50 12.00
NNT 54.10 290 eP 45 20.00 4.2X
BJI 55.61 328 P+ 45 26.50 0.1
Z 19s 70.70um 6.8Msz
N 17s 68.60um
E 20s 49.10um
S 53 16.00
KHT 55.80 292 eP 45 31.80 3.7X
KMI 56.00 305 Pc+ 45 29.00 -0.8
N 17s 89.00um
pP 46 11.00 184kmX
PP 47 38.00
PPP 48 01.00
S 53 12.00
HON 56.66 60 P 45 36.00 1.7
CHTO 56.77 297 eP 45 34.10 -1.0
1.2s 59.03nm 5.5mb
OPA 56.79 60 P 45 35.00 -0.3
SPT 57.88 64 P 45 42.50 -0.4
KHU 58.01 63 P 45 42.60 -1.5
MLH 58.30 63 P 45 44.20 -2.0
AHA 58.37 63 P 45 46.20 -0.3
AFR 58.96 107 iP 45 52.40 1.9
1.2s 460.00nm 6.5mb
PPT 59.16 107 iP 45 51.00 -0.9
1.2s 355.00nm 6.4mb
PAE 59.16 107 iP 45 54.00 2.1
1.2s 450.00nm 6.5mb
PPN 59.29 107 iP 45 55.00 2.2
1.2s 275.00nm 6.3mb
TVO 59.48 107 iP 45 56.40 2.2
1.2s 425.00nm 6.4mb
TBI 59.83 114 iP 45 58.10 1.7
1.2s 260.00nm 6.2mb
LZH 60.60 317 Pc 46 01.50 -0.2
2.0s 707.00nm 6.4mb
E 16s 48.90um
pP 46 10.00 28kmX
eS 54 15.50
eS 58 15.00
PMO 60.64 104 iP 46 04.00 2.0
1.2s 590.00nm 6.6mb
VAH 60.90 104 iP 46 05.60 1.8
1.2s 255.00nm 6.2mb
TPT 60.90 104 iP 46 05.70 1.9
1.2s 345.00nm 6.4mb
RUV 61.14 104 iP 46 07.30 1.9
1.2s 260.00nm 6.2mb
SMY 61.32 16 eP 46 05.00 -1.0
Z 20s 115.00um 7.0Msz
DRV 61.44 185 eP 46 07.00 0.3
ADK 63.54 22 eP 46 20.00 -0.8
SHL 65.21 301 eP 46 30.50 -2.0
iS 55 14.00
CAL 67.33 297 iP 46 41.00 -4.8X
iS 54 49.00

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BOK     69.96 298 eP      47 03.00    0.9
                  eS      55 36.00
VIS     70.73 291 iP      47 09.00    2.2
                  iS      57 19.00
PKI     71.35 301 iP      47 09.80   -1.1
KKN     71.52 302 iP      47 10.00   -1.8
DMN     71.61 301 iP      47 11.80   -0.6
SBA     72.68 177 iPc     47 18.60    1.1
        1.3s   586.54nm         6.4mb
MDR     72.76 285 eP      47 26.00    7.0X
RKT     73.10 112 iP      47 20.80   -0.1
        1.2s   255.00nm         6.1mb
KOD     74.94 282 eP      47 37.30    5.2X
                  eS      57 03.00
KOD     74.94 282 eP      47 31.00   -1.1
                  eS      57 03.00
HYB     75.11 290 eP      47 31.00   -1.7
                  eS      57 04.00
TRD     75.19 280 P       47 35.90    2.7
GBA     75.50 286 Pd      47 33.30   -1.6
        0.9s    16.20nm         5.0mb X
KDC     77.70  27 eP      47 47.00    0.7
NDI     78.62 301 iPc     47 50.50   -1.6
        1.0s   175.00nm         6.0mb
     Z  20s     19.50um         6.4Msz
     N  22s     14.07um
     E  22s     23.70um
                  iS      57 42.00
TTA     79.15  22 eP      47 53.10   -1.3
POO     79.71 290 eP      47 59.00    0.8
                  eS      58 12.00
AJM     80.59 298 iP      48 05.00    2.3
BOM     80.73 290 eP      47 55.00   -8.5X
                  iS      58 02.00
PMR     81.13  25 P       48 13.00    8.2X
     Z  18s     66.67um         7.0Msz
PMR     81.13  25 P       48 03.00   -1.8
PME     81.19  25 eP      48 03.10   -2.1
        2.0s   828.00nm         6.4mb
     Z  20s     65.00um         7.0Msz
IMA     81.79  20 eP      48 06.50   -1.9
COL     83.27  22 eP      48 13.00   -2.9
                  eS      58 31.00
FBA     83.27  22 P       48 13.00   -2.9
BRW     83.97  15 eP      48 17.50   -1.8
MAW     84.16 203 eP      48 20.00   -0.4
SPA     84.44 180 eP      48 21.90   -0.1
        1.0s   430.50nm         6.6mb
PNL     84.67  29 eP      48 22.80   -0.3
PHC     88.94  39 eP      48 45.00    1.0
INK     89.83  21 eP      48 45.00   -2.9
        1.3s   282.00nm         6.4mb
COR     90.80  45 iPd     48 53.00    0.2
BKS     90.81  52 iP      48 55.00    1.9
        1.2s   125.00nm         6.1mb
     Z  20s    119.00um         7.3Msz
     N  20s     56.00um
     E  20s    106.00um
                  iPP     52 32.70
                  i       52 53.60
                  i       53 11.00
                  ePPP    54 38.00
                  i       58 33.00
                  iS      59 39.60
                  e       00 38.00
                  ePS     01 00.00
                  iPPS    01 22.30
                  i(SS)   05 09.00
                  i       13 30.00
                  iLR     17 06.00
WDC     90.88  49 iPc     48 53.40    0.1
BFW     91.09  44 P       48 53.80   -0.4
PGC     91.19  41 eP      48 54.00   -0.5
MHC     91.22  53 ePc     48 47.00   -8.1X
SAO     91.32  53 iPd     48 38.50  -16.9X
GMW     91.50  43 P       48 55.80   -0.3
ORV     91.56  51 iPc     48 56.20   -0.3
MIN     91.57  50 iPc     48 55.80   -0.9
LLA     91.71  54 iPc     48 36.10  -21.1X
LON     92.08  43 P       48 56.60   -2.2
SYO     92.37 200 eP      48 57.50   -2.1
FRI     92.73  53 iPc     48 43.00  -18.9X
WCN     92.89  51 P       48 59.80   -3.0X
PNT     93.77  41 eP      49 06.00   -0.5
        1.1s   152.00nm         6.3mb
MNA     94.06  52 iPc     49 08.60    0.4
SLBC    94.42  57 eP      49 11.30    1.5
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MHI     94.52 306 eP      49 08.00   -2.3
                  e       53 12.00
                  eS      59 31.00
BMN     94.91  50 P       49 11.50   -0.6
        1.3s   219.39nm         6.4mb
     Z  20s    139.86um         7.4Msz
MBC     95.30  14 eP      49 11.00   -2.0
NEW     95.36  42 eP      49 13.50   -0.3
     Z  19s    125.00um         7.4Msz
EUR     95.82  51 iP      49 16.00   -0.4
        0.4s    15.38nm         5.8mb
YKA     96.94  28 eP      49 21.20    0.6
RSNT    96.95  28 P       49 19.30   -1.3
        1.4s   108.49nm         6.2mb
YKC     97.00  28 eP      49 20.00   -0.9
        1.8s   336.00nm         6.6mb
EDM     97.81  37 iP      49 25.00    0.2
LRM     98.52  45 eP      49 27.60   -0.8
SES     99.33  40 ePc     49 31.00   -0.8
SHI    100.14 299 ePdiff49 36.00     -0.1
BDW    100.67  48 Pdiff 49 37.00     -1.3
        0.8s    33.58nm         5.9mb
AVY    100.70 250 ePdiff49 40.60      1.7
IR2    101.48 305 ePdiff49 42.00      0.1
ALE    101.86   4 ePdiff49 41.50     -0.9
        1.2s    33.00nm         5.8mb
SNA    102.14 189 ePdiff49 45.00      1.2
ALQ    103.43  56 ePdiff49 51.00      0.3
     Z  20s     44.33um         7.0Msz
GOL    104.01  51 Pdiff 49 53.10     -0.1
     Z  20s     30.50um         6.8Msz
GLD    104.12  51 Pdiff 49 53.10     -0.5
     Z  20s     38.00um         6.9Msz
FFC    104.33  35 ePdiff49 38.00    -16.0X
KER    104.64 304 ePdiff49 51.00     -5.0X
TAB    105.02 308 e(Pdif49 57.00     -0.6
KEV    106.55 342 ePdiff50 07.00      3.6X
                  e       53 21.00
KEV    106.55 342 ePKP    54 16.00    1.8
                  e       56 20.00
                  eSKS    00 48.00
                  ePS     03 44.00
                  eSS     09 36.00
                  eSSS    13 24.00
BHD    106.98 303 ePdiff50 04.00     -2.2X
                  e       53 25.00
                  i       54 39.00
                  i       03 56.00
                  i       15 18.00
MSL    107.70 306 ePdiff50 03.20     -6.2X
                  e       53 20.50
                  e       53 43.20
                  i       54 36.00
                  e       55 34.40
                  e       56 58.80
                  i       58 37.60
                  e       03 37.20
                  e       05 39.20
SOD    107.88 340 iPdiff50 10.40      1.0
                  i       53 15.50
                  iPKKP   05 34.40
DAG    108.66 358 ePdiff50 11.00     -1.7
                  i       54 48.00
AAS    108.73 166 e(PKP)54 17.00     -1.5
     Z  25s     67.00um         7.1MszX
KJF    109.05 337 ePdiff50 15.00      0.3
        0.8s    14.70nm
                  e       53 44.00
KJF    109.05 337 iPKP    54 19.00   -0.1
                  iPP     54 53.50
                  ePPP    57 12.00
                  eSKS    01 00.00
                  ePS     04 16.00
                  ePKKP   05 03.00
                  eSS     10 16.00
                  eSSS    14 20.00
JCT    109.32  60 ePdiff50 23.00      6.2X
     Z  18s     43.99um         7.1Msz
OXM    110.00  72 iPKP    54 30.00    7.3X
III    110.22  73 ePKP    54 10.00  -13.0X
SUF    110.39 336 ePdiff50 21.00      0.3
RTB    110.40 303 ePdiff50 32.00     10.5X
                  e       50 49.00
                  e       54 51.00
                  e       55 10.00
                  e       56 08.00
                  e       57 13.00
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                  e       58 59.00
                  e       00 02.00
                  e       01 33.00
TPM    110.60  72 ePKP    54 28.00    4.4X
NUR    112.11 335 ePdiff50 34.00      5.6X
     Z  26s     61.00um         7.1MszX
                  LR      36 50.00
AAE    112.82 277 ePKP    54 12.60  -15.5X
VHO    112.85  74 ePKPc   54 39.00   11.1X
CLK    113.28 250 ePKP    54 33.60    4.9X
                  iPP     55 32.90
                  iPKKP   05 15.00
LHC    113.62  39 ePKP    54 30.00    1.7
NAI    113.98 266 iPKPc   54 32.00    1.6
        1.1s    32.91nm
BHL    114.13 305 PKP     54 37.00    7.1X
                  PP      55 32.00
                  SP      05 08.00
PBJ    114.13  75 iPKP    54 38.00    7.8X
GDH    114.40   9 ePdiff50 45.00      6.6X
                  i       55 30.00
JER    114.86 302 e(PKP)54 35.50      4.2X
DOR    115.33 302 e(PKP)54 20.00    -12.2X
FRB    115.34  18 ePKP    54 30.00   -1.1
UPP    115.40 336 iPKP    54 34.10    2.8X
                  i(PP)   55 06.90
                  iPP     55 30.00
                  iPKKP   05 10.30
UPP    115.40 336 ePdiff51 03.00     20.0X
CSS    115.81 306 e(PKP)54 41.50      8.5X
MTD    116.18 248 ePdiff51 05.00     17.3X
MTD    116.18 248 iPKP    54 37.00    2.8X
                  iPP     55 33.00
                  iPKKP   05 11.00
HFS    116.76 338 ePKP    54 32.70   -1.2
        0.4s     2.20nm
NB2    117.05 339 PKP     54 27.00   -7.5X
        0.9s    24.30nm
PSN    117.29 317 ePKP    54 20.00  -15.4X
BCK    117.40 309 ePKP    54 40.00    4.0X
YLV    117.44 313 ePKP    54 38.00    2.0
KSR    117.47 237 iPKPd   54 39.80    3.2X
        1.0s    45.00nm
ISK    117.52 314 ePKP    54 38.50    2.5X
CVO    117.85 320 ePKP    54 40.00    3.5X
BUL    117.93 244 ePdiff51 05.00      9.5X
BUL    117.93 244 iPKP    54 39.90    2.3X
                  iPP     56 05.50
                  iPKKP   04 52.00
                  iSP     05 44.00
ELL    118.11 309 ePKP    54 42.60    5.2X
DMK    118.21 315 ePKP    54 36.00   -1.3
KCT    118.28 313 ePKP    54 33.00   -4.5X
MFT    118.89 314 ePKP    54 44.00    5.3X
COZ    119.23 320 ePKPc   54 42.00    2.6X
PVL    119.53 317 iPKPc   54 40.00    0.3
AKU    119.53 355 iPKP    54 44.00    5.0X
        1.3s    76.92nm
LSZ    119.72 249 iPdiff51 11.40      7.9X
                  i       54 39.60
                  i       54 43.50
                  i       54 49.00
                  i       55 12.30
                  i       56 03.50
                  i       56 18.30
                  i       03 12.60
                  i       04 51.40
                  i       06 06.00
                  i       08 32.50
                  i       17 47.00
KRA    119.73 326 ePdiff51 18.00     15.4X
                  e       54 42.80
                  e       55 38.00
EZN    119.89 313 ePKP    54 39.00   -1.5
KDZ    119.96 315 iPKP    54 39.00   -1.6
JOS    120.16 324 e(PKP)54 41.00      0.2
COP    120.18 334 ePKP    54 41.00    0.5
        0.8s    56.72nm
     Z  22s     46.67um         7.1Msz
PLD    120.24 316 ePKP    54 44.00    2.9X
CLO    120.33 320 ePKPd   54 40.00   -1.2
MUD    121.01 336 ePKP    54 52.00    9.9X
        1.0s    36.00nm
VTS    121.08 317 iPKP    54 41.00   -1.7
MMB    121.11 316 ePKP    54 41.00   -1.9
KSP    121.28 328 ePKP    54 43.60    0.8
                  ic      54 50.80
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10d 15h

e 12 20.00
REY 121.35 356 iPKP 54 46.60 4.1X
BUD 121.54 324 e(PKP)54 45.00 1.6
SRO 121.79 324 ePKP 54 45.20 1.3
N 22s 68.50um
E 22s 82.10um
e(SS) 13 22.00
BRN 121.90 331 ePKP 54 57.00 13.1X
VAY 122.02 316 iPKP 54 40.30 -4.2X
SCH 122.28 25 ePKP 54 44.00 -0.6
ZST 122.29 325 ePKP 54 45.20 0.4
i 54 55.00
e 56 31.00
ATH 122.44 312 ePdiff51 18.00 3.1X
BRG 122.47 329 iPKPc 54 45.20 0.1
Z 20s 48.00um 7.1Msz
N 22s 25.00um
E 22s 46.00um
i 54 53.00
ePKKP 04 44.00
eSKKP 08 41.00
SKO 122.53 317 ePKP 54 44.70 -0.8
i 54 52.60
CLL 122.68 330 iPKP 54 44.70 -0.8
Z 22s 55.00um 7.2Msz
e 56 44.00
PKKP 04 45.00
PRU 122.69 328 PKP 54 45.10 -0.4
Z 20s 39.20um 7.1Msz
N 22s 18.60um
E 21s 41.80um
PKKP 54 53.00
PP 56 38.00
VKA 122.69 326 iPKPd 54 43.90 -1.7
i 54 51.90
i 55 59.30
iPP 56 26.50
i 56 40.00
i 59 22.70
i 07 02.80
HAM 122.75 333 ePKP 54 54.60 9.1X
SOP 122.87 325 e(PKP)54 45.00 -0.9
OTT 123.31 38 ePKPc 54 47.30 0.4
0.5s 46.00nm
OHR 123.32 316 ePKP 54 46.90 -0.2
i 54 55.00
BLA 123.60 49 ePdiff51 24.00 3.8X
KHC 123.70 328 PKP 54 46.50 -1.1
1.0s 110.00nm
Z 34s 42.50um 6.9MszX
N 28s 25.90um
E 32s 42.60um
e 56 40.00
MOX 123.78 330 ePdiff51 40.00 19.4X
e 54 30.00
MOX 123.78 330 iPKP 54 58.00 10.3X
Z 22s 58.00um 7.2Msz
N 22s 40.20um
E 24s 52.00um
ePP 56 47.00
ePPP 59 20.00
ePKKP 04 40.00
ePPS 08 00.00
eSS 13 32.00
LNV 123.81 138 ePKP 54 52.00 3.8X
HOF 123.86 330 ePKP 54 47.80 -0.1
KMR 124.02 326 ePKP 54 48.00 -0.2
i 56 05.20
i 56 43.00
WET 124.06 328 iPKPc 54 48.80 0.5
Z 20s 43.90um 7.1Msz
TACH 124.31 138 iPKP 54 51.00 1.7
MNT 124.52 37 iPKP 54 44.00 -5.2X
GRF 124.58 329 ePdiff51 32.00 7.8X
e 52 02.00
e 54 49.80
e 54 54.80
WIT 124.62 335 ePKP 54 51.00 1.9
ROCH 124.66 137 ePKP 54 50.00 -0.2
PEL 124.78 137 ePKP 54 47.50 -2.7X
BACH 124.79 137 ePKP 54 52.00 1.7
KBA 125.02 326 ePKP 54 49.50 -0.9
i 55 33.80
i 56 15.80
i 56 40.20
e 59 07.00
e 04 35.00

e 07 41.00
WTS 125.14 334 ePKP 54 51.00 0.8
0.8s 17.00nm
RFA 125.25 140 e(PKP)54 42.00 -9.1X
VOY 125.30 325 ePKP 54 48.50 -2.4X
i 54 58.00
FUR 125.50 328 ePKP 54 51.40 0.3
Z 22s 8.20um 6.4Msz
TRI 125.56 324 ePdiff51 22.00 -6.6X
TRI 125.56 324 ePKP 54 49.20 -2.1
iPP 56 42.00
iPPP 59 34.00
iSKSP 06 48.00
iSPP 08 00.00
iS 13 40.00
iSSS 18 04.00
TNS 125.60 331 ePKP 54 52.30 1.0
LCI 125.61 317 ePKP 54 57.00 5.5X
BNS 125.69 333 ePKP 54 52.00 0.6
DBN 125.77 335 ePKP 54 50.00 -1.4
Z 20s 18.50um 6.8Msz
e 55 14.00
e 56 16.00
e 56 38.00
eSKS 05 32.00
eS 06 42.00
eSP 08 08.00
ePPS 09 06.00
eSS 13 40.00
eSSS 18 12.00
EKA 126.27 342 PKP 54 47.00 -5.4X
0.8s 3.80nm
ENN 126.40 333 ePKP 54 53.50 0.8
1.0s 36.00nm
MEM 126.47 333 PKPc 54 53.40 0.5
e 08 19.00
GMTN 126.49 42 iPKP 54 40.40 -12.8X
i 55 00.10
CTI 126.57 326 ePKP 54 54.50 1.1
BUH 126.74 330 ePKP 54 52.50 -1.0
ORI 126.76 317 ePKP 55 00.10 6.4X
WIN 126.98 236 ePKP 54 57.00 2.0X
1.8s 363.64nm
Z 18s 48.11um 7.2Msz
OSS 127.02 327 ePKP+ 54 54.40 0.1
UCC 127.07 334 PKPc 54 56.00 2.0
e 55 05.00
PP 57 03.00
PS 07 00.00
SS 14 22.00
WLF 127.07 332 PKP 54 50.20 -3.8X
i 54 55.00
e 55 14.00
PP 57 00.00
e 07 14.00
e 07 37.60
e 08 34.00
SLE 127.20 329 ePKP+ 54 54.00 -0.4
GCM 127.23 70 PKP 54 58.75 3.5X
SGO 127.29 318 e(PKP)54 54.50 -0.2
DUI 127.30 320 ePKP 55 02.50 7.8X
COF 127.39 330 ePKP 54 51.40 -3.4X
DOU 127.47 333 PKP 54 55.30 0.5
Z 22s 50.30um 7.2Msz
i 55 05.70
PP 57 01.00
PKS 58 30.00
PS 07 01.00
e 09 25.00
SS 14 11.00
LLS 127.52 328 ePKP+ 54 55.10 -0.2
AQU 127.61 321 ePKP 55 02.00 6.6X
BSF 128.02 330 ePKP 54 52.70 -3.4X
MNS 128.04 321 ePKP 54 55.50 -0.6
HAU 128.12 330 ePKP 54 53.00 -3.2X
MMK 128.59 328 ePKP+ 54 54.80 -2.6X
ORO 128.85 327 ePKP 54 53.50 -4.2X
DLE 129.05 343 ePKP 54 50.70 -7.0X
1.5s 243.00nm
NNA 129.28 110 ePKP 55 00.00 0.7
1.3s 201.92nm
Z 20s 5.67um 6.3Msz
eS 12 50.00
ETA 129.46 342 ePKP 55 04.20 5.7X
1.4s 120.00nm
UPA 129.75 83 ePKP 54 59.00 -1.2
Z 20s 52.13um 7.2Msz

N 20s 14.89um
E 19s 29.51um
LOR 129.84 331 ePKP 54 56.70 -2.7X
ECB 129.92 342 ePKP 55 02.70 3.3X
1.1s 155.00nm
TCA 129.94 139 ePKPc 54 54.00 -6.2X
LBF 129.98 331 ePKP 54 56.80 -3.0X
SSF 130.16 331 ePKP 54 57.40 -2.6X
ANT 130.16 127 ePKP 55 03.00 2.3X
QUR 130.17 95 ePKP 55 06.00 4.4X
GRC 130.19 332 iPKPd 55 01.40 1.3
i 57 33.00
i 58 25.40
CVF 130.25 324 ePKP 54 57.30 -3.1X
SMF 130.29 331 ePKP 54 57.30 -3.0X
AVF 130.42 331 ePKP 54 57.40 -3.1X
LDF 130.64 335 ePKP 54 58.20 -2.7X
FLN 130.66 335 ePKP 54 58.00 -2.9X
BGF 130.83 331 ePKP 54 58.70 -2.6X
FRF 130.91 326 ePKP 54 58.70 -2.9X
CYA 130.96 136 e(PKP)54 55.00 -7.2X
GRR 131.11 335 ePKP 54 59.30 -2.5X
LMR 131.13 326 ePKP 54 59.20 -2.8X
LRG 131.14 326 ePKP 54 59.30 -2.7X
MZF 131.21 331 ePKP 54 59.30 -2.8X
BBJ 131.22 71 ePKP 55 11.03 8.1X
LPA 131.33 148 ePKP+ 55 11.00 8.4X
Z 20s 43.26um 7.2Msz
TCF 131.33 331 ePKP 54 59.50 -2.8X
LPF 131.47 335 ePKP 55 00.00 2.4X
PSO 131.53 93 ePKP 55 02.50 -1.6
LSF 131.68 332 ePKP 55 00.00 -3.0X
STH 131.69 71 ePKP 55 10.08 6.3X
MFF 132.18 333 ePKP 55 01.20 -2.7X
RJF 132.38 331 ePKP 55 02.20 -2.1X
CAF 132.39 330 ePKP 55 02.50 -1.9
ARE 132.56 118 ePKP 55 06.00 0.2
LPO 132.99 331 ePKP 55 03.70 -1.8
LFF 133.03 331 ePKP 55 03.60 -1.9
SLA 133.38 132 ePKPd 55 00.60 -6.4X
MLS 134.30 329 ePKP 55 05.00 -3.0X
EPF 134.62 330 ePKP 55 06.40 -2.3X
YJA 134.81 129 e(PKP)54 56.80 -13.4X
BOG 135.07 89 ePKP 55 12.00 1.2
iPP 57 54.00
LPB 135.48 120 ePKP 54 59.00 -12.5X
i 55 13.00
LR 39 30.00
EBR 136.13 327 ePKP 55 10.00 -1.5
BMG 136.14 86 ePKP 55 01.00 -11.5X
LGR 136.44 331 ePKP 55 12.00 -0.1
iPKKP 55 24.00
iPP 58 53.00
CCH 136.75 123 ePKP 55 01.00 -12.8X
0.8s 3.20nm
i 55 14.50
LGN 137.87 81 e(PKP)55 02.00 -13.6X
ALI 138.40 326 ePKP 55 10.00 -5.9X
SDV 138.54 83 e(PKP)55 00.60 -16.5X
TOL 139.16 330 ePKP 55 07.00 -10.3X
iPKKP 55 29.00
iPP 58 54.00
eSKKS 05 48.00
iPS 10 36.00
iSS 17 10.00
iSSS 21 54.00
TOV 139.34 82 ePKP 55 12.60 -5.8X
MTE 140.37 334 ePKP 55 20.30 0.8
COI 140.91 335 ePKP 55 30.00 9.7X
CRT 140.95 327 ePKP 55 22.00 1.4
SJG 141.63 68 e(PKP)55 14.00 -8.3X
MAL 141.73 327 ePKP 55 15.00 -6.9X
iPKKP 55 29.50
iPP 59 00.00
iSS 17 10.00
iSSS 22 14.00
TAF 141.97 323 iPKP 55 31.00 8.4X
CAR 142.11 80 ePKP 55 17.20 -6.2X
LIS 142.46 334 iPKPd 55 23.90 0.8
SFS 142.87 329 ePKP 55 17.00 -6.9X
e 55 54.00
e 56 32.00
ePP 58 58.00
CUM 144.81 80 iPKPd 55 28.60 0.8
AVE 145.93 327 iPKP 55 30.50 1.3
i 56 36.00
PAG 146.28 69 ePKP 55 31.00 0.7

SEG	146.35	69	ePKP	55	31.00	0.7
VAO	146.56	149	ePKP	55	32.60	2.0
			i	55	35.00	
			i	55	36.80	
			i	55	41.50	
			i	55	43.70	
			i	56	03.50	
MDN	146.71	71	ePKP	55	31.80	0.9
FDF	147.08	72	ePKP	55	33.96	2.4
	0.9s	4.45nm				
BIM	147.20	72	ePKP	55	32.73	1.0
CRM	147.29	71	ePKP	55	32.62	0.8
MVM	147.36	72	ePKP	55	33.66	1.7
TRN	147.50	79	iPKP	55	32.40	0.2
	0.8s	169.00nm				
RDJ	148.43	154	iPKPd	55	36.00	2.5X
FUL	150.85	339	ePKP	55	45.50	8.6X
KIC	155.91	273	ePKP	55	45.00	0.4
SOB1	161.08	141	ePKP	55	51.50	1.0
			e	55	55.10	
			e	55	59.00	
			e	56	37.70	
ITR	162.89	146	ePKP	55	52.80	0.5
	1.5s	30.90nm				
			e	55	56.50	
			e	56	03.70	
	S.D. = 1.3		on 269 of 415 obs.			

& MAY 10, 1985 15h 48m 00.40s
34.420 N 120.830 W
DEPTH = 6.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.8 (PAS), 3.9 (BRK). Felt (IV) at Vandenberg Air Force Base. Felt (III) at Santa Maria, Santa Barbara and Ventura. Also felt (II) at Halcyon.

BLP	0.38	68	P	48	07.40	-0.7
SYP	0.71	81	iPd	48	13.80	-0.9
SBC	0.92	88	eP	48	16.80	-1.6
			eS	48	29.40	
PHAM	1.46	14	P	48	25.10	-2.2
PRI	1.72	4	iPc	48	29.30	-1.9
			i	48	33.70	
			iS	48	49.00	
PRS	1.96	347	iPc	48	32.60	-1.9
PAS	2.22	96	eP	48	35.00	-3.3
			ePP	52	18.00	
			ePPP	54	03.00	
			eSKS	59	08.00	
			eS	59	45.00	
			eScSP	01	34.00	
WC	2.30	94	eP	48	37.00	-2.7
WKTM	2.39	54	P	48	38.50	-2.3
SBB	2.49	83	eP	48	39.00	-3.3
SLD	2.67	353	P	48	42.80	-1.9
RVR	2.89	97	eP	48	44.00	-3.9
ARN	2.98	349	P	48	47.00	-2.1
CWC	3.02	47	eP	48	48.00	-1.8
GSC	3.42	74	eP	48	52.00	-3.5
PLM	3.47	107	eP	48	53.00	-3.2
PAS1	3.52	5	iPc	48	54.90	-1.8
			iS	49	33.00	
BRS	3.63	342	e(Pn)	48	50.00	-8.3
			iPb	49	01.60	
			iPg	49	10.20	
			iSn	49	28.50	
			iSg	50	00.40	
BAR	3.88	115	eP	48	59.00	-2.9
TPC	3.97	93	eP	49	01.00	-2.2
GLA	5.18	104	P	49	22.00	1.6
	21 obs. ossocioted					

MAY 10, 1985 15h 59m 00.25± 0.74s
5.602 S ± 5.4km 151.022 E ± 4.7km
DEPTH = 36.8 ± 8.4 km
5.1mb (4 obs.)
NEW BRITAIN REGION (192)

KVG	3.02	356	iPc	59	47.20	0.4
PAA	4.50	99	iPd	00	06.30	-1.6
			eS	00	58.00	
MOM	5.06	314	eP	00	15.00	-0.7
MDG	5.23	274	iP	00	18.80	0.7
PMG	5.39	225	iPd	00	21.40	1.1
VSG	9.35	113	eP	01	15.00	-0.7
SVO	9.41	113	eP	01	17.00	0.5
HNR	9.63	114	eP	01	19.00	-0.6
ISQ	18.70	215	eP	03	19.00	1.0
GUA	19.96	342	eP	03	32.60	0.2
	1.0s	416.00nm			5.7mb	
PJG	20.02	342	eP	03	33.50	0.5
PVC	20.76	127	IPc	03	42.50	1.8
MTN	20.90	248	eP	03	40.00	-2.1
WB2	21.59	227	eP	03	49.20	0.2
WRA	21.60	227	Pc	03	48.10	-1.0
	0.6s	36.50nm			5.0mb	
KNA	24.05	243	eP	04	14.00	0.8
COO	24.86	178	eP	04	21.00	0.0
CMS	26.21	190	eP	04	33.00	-0.5
STK	27.59	198	iPd	04	46.00	-0.2
	0.9s	46.00nm			5.1mb	
YOU	28.64	185	iPd	04	47.80	-7.8X
CAN	29.63	183	iPd	05	05.90	1.3
WBN	31.02	226	eP	05	17.00	0.0
BFD	32.37	193	eP	05	28.00	-0.5
MBL	33.95	240	eP	05	41.00	-1.5
	0.5s	9.00nm			5.0mb	
MEK	37.35	232	eP	06	10.00	-1.4
KLG	37.40	224	eP	06	11.50	-0.2
AFI	37.53	105	e(P)	06	13.00	-0.1
MRWA	40.57	230	eP	06	38.00	-0.1
BAL	40.72	228	eP	06	39.00	-0.3
TCW	41.10	153	(PKP)	06	43.40	1.2
MNG	41.19	151	P	06	43.20	0.2
MSZ	41.63	162	e(P)	06	50.00	3.5X
MUN	41.79	227	eP	06	47.00	-1.1
RKG	42.36	224	eP	06	55.00	2.3
MAT	43.61	345	eP	06	59.00	-3.8X
SSE	46.31	324	eP	07	27.60	3.2X
BJI	55.60	328	eP	08	36.50	1.8
COL	83.29	22	eP	11	23.00	-1.3
SPA	84.44	180	e(P)	11	33.60	3.3X
INK	B9.84	21	eP	12	04.00	7.8X
GAS	90.66	50	eP	12	01.60	0.8
LMHM	91.67	49	eP	12	13.70	8.1X
MTD	116.15	248	ePKP	17	42.00	-0.4
BUL	117.90	244	ePKP	17	45.00	-0.7
SOB1	161.09	141	e(PKP)	19	04.00	5.3X
ITR	162.90	147	ePKP	19	05.00	4.5X
	S.D. = 1.1		on 37 of 46 obs.			

MAY 10, 1985 16h 06m 16.62± 0.60s
5.661 S ± 9.7km 150.881 E ± 5.7km
DEPTH = 33.0km (normal)
5.0mb (3 obs.)
NEW BRITAIN REGION (192)

KVG	3.07	358	eP	07	05.00	1.1
LAT	3.98	255	iPc	07	22.50	5.6X
BGA	4.30	97	eP	07	20.00	-1.6
			eS	08	10.00	
PAA	4.63	98	eP	07	25.00	-1.2
MOM	5.00	316	eP	07	35.50	4.2X
MDG	5.10	274	eP	07	35.00	2.3
VSG	9.46	113	eP	08	36.00	2.3
SVO	9.51	112	P	08	35.00	0.6
HNR	9.74	113	eP	08	36.00	-1.5
ISQ	18.57	215	eP	10	35.00	1.9
MTN	20.75	248	eP	10	55.00	-2.2
RMQ	20.81	185	iPd	10	58.90	1.0
WRA	21.45	227	Pc	11	04.00	-0.4
	1.3s	77.10nm			5.0mb	
NOU	22.37	139	iPc	11	14.80	1.3
KNA	23.90	243	eP	11	28.00	-0.5
	0.7s	51.00nm			5.2mb	
COO	24.80	178	eP	11	38.00	0.8
YOU	28.57	184	iPd	12	11.50	-0.2
CAN	29.57	183	iPd	12	20.50	-0.2
WAM	30.44	183	iPd	12	28.30	-0.1
MBL	33.80	240	eP	12	56.00	-2.0
	0.5s	11.00nm			5.0mb	
MEK	37.21	232	eP	13	26.00	-0.9
KLG	37.26	224	eP	13	26.50	-0.8
KRP	39.17	149	eP	13	43.00	-0.2
KLB	40.33	226	iPd	13	51.80	-1.1
BAL	40.58	228	iPc	13	54.10	-0.8
TCW	41.11	153	Pc	13	59.30	0.2
MSZ	41.62	162	e(P)	14	04.00	0.8
MUN	41.65	227	iPd	14	03.00	-0.7
RKG	42.22	224	iPc	14	10.60	2.2
IPM	50.82	281	ePd	15	22.90	6.4X
ITR	162.93	147	ePKP	26	17.20	-0.2
	1.2s	6.50nm				
	S.D. = 1.3		on 28 of 31 obs.			

MAY 10, 1985 16h 36m 29.30± 0.57s
5.634 S ± 8.2km 151.302 E ± 6.1km
DEPTH = 33.0km (normal)
4.7mb (1 obs.)
NEW BRITAIN REGION (192)

KVG	3.08	351	iPd	37	17.00	0.2
BGA	3.89	98	eP	37	28.00	-0.4
PAA	4.22	99	eP	37	33.00	0.0
LAT	4.40	256	iPc	37	39.00	3.5X
LMG	4.51	224	eP	38	19.00	41.7X
MDG	5.51	274	eP	37	52.00	0.8
PMG	5.57	227	iPc	37	52.00	0.0
SVO	9.14	113	P	38	46.00	4.1X
HNR	9.36	114	P	38	50.00	4.9X
			S	39	50.00	
RMQ	20.88	186	eP	41	12.00	0.8
			e	42	11.00	
MTN	21.15	249	eP	41	13.00	-1.0
			eS	42	10.00	
WRA	21.78	228	Pc	41	19.60	-0.8
	1.6s	57.50nm			4.7mb	
YOU	28.63	185	eP	42	29.40	4.4X
CAN	29.62	184	eP	42	34.80	0.9
MEK	37.56	233	eP	43	42.00	-0.5
	S.D. = 0.8		on 10 of 15 obs.			

? MAY 10, 1985 16h 51m 56.08± 2.71s
5.912 S ±10.3km 152.128 E ±27.5km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
NEW BRITAIN REGION (192)

KVG	3.57	338	eP	52	50.00	-0.6
LMG	4.94	233	iPd	53	09.00	-1.1
LAT	5.15	262	eP	53	13.50	0.5
PMG	6.03	235	eP	53	26.00	0.6
MOM	6.08	309	eP	53	27.00	0.9
MDG	6.35	276	eP	53	29.00	-0.9
RMQ	20.71	189	eP	56	45.00	8.7X
WRA	22.21	229	Pc	56	52.00	0.5
	0.5s	4.30nm			4.1mb	
	S.D. = 1.0		on 7 of 8 obs.			

MAY 10, 1985 16h 55m 07.55± 0.70s
43.062 N ± 7.5km 1.429 W ± 5.3km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 3.0 (LDG).

MADF	0.45	80	P	55	17.02	0.2
			S	55	25.54	
ATE	0.53	87	P	55	18.30	0.0
			S	55	27.19	
LHE	0.61	104	P	55	19.39	-0.6
ESCF	0.63	88	P	55	19.97	-0.2
			S	55	30.00	
OGE	0.71	81	Pd	55	21.21	-0.3
JAU	0.78	91	Pc	55	22.83	0.0
			S	55	35.37	
LGR	1.00	233	ePg	55	26.50	0.1
			iSg	55	38.50	
EPF	1.30	91	Pn	55	32.40	0.8
			Sn	55	51.90	
MLS	1.85	92	eP	55	43.40	3.9X
			eS	56	08.40	
LPO	2.49	49	Pn	55	49.80	1.0
			Sn	56	19.70	
EBR	2.66	147	ePg	56	15.00	23.8X
			eSg	56	35.00	
RJF	3.08	42	Pn	55	56.80	-0.4
			Sn	56	35.00	
CAF	3.13	52	Pn	55	57.90	0.0
			Sn	56	36.00	
TCF	4.14	38	Pn	56	11.60	-0.6
			Sn	56	58.60	
	S.D. = 0.5		on 12 of 14 obs.			

? MAY 10, 1985 17h 33m 32.14± 2.42s
5.897 S ±12.4km 151.794 E ±30.4km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
NEW BRITAIN REGION (192)

10d 17h

KVG	3.45	343	eP	34	25.00	0.1
LMG	4.69	230	iPd	34	42.10	-0.5
LAT	4.82	261	eP	34	44.00	-0.3
PMG	5.77	233	iPc	34	59.00	1.2
WB2	21.96	229	eP	38	24.80	-0.2
WRA	21.97	229	Pc	38	24.90	-0.2
	0.5s		2.90nm			4.0mb
	S.D. = 0.8		on 6 of 6 obs.			

MAY 10, 1985 18h 14m 58.45± 0.20s
5.689 S ± 3.8km 150.802 E ± 4.4km
DEPTH = 33.0km (normal)
5 6mb (21 obs.) 5.8Msz (2 obs.)
NEW BRITAIN REGION (192)

KVG	3.10	360	iPd	15	44.00	-2.1
LAT	3.90	256	iPc	16	03.00	5.5X
LMG	4.14	219	iPd	16	01.50	0.4
BGA	4.38	96	iPc	16	00.30	-4.2X
			eS	16	53.00	
			eS	23	42.00	
			eS	24	36.00	
PAA	4.70	98	iPc	16	04.80	-4.2X
			eS	17	02.00	
MOM	4.96	317	iPc	16	14.00	1.3
MDG	5.02	275	eP	16	12.00	-1.5
PMG	5.17	224	iPd	16	16.00	0.4
VSG	9.52	112	eP	17	16.00	-0.4
SVO	9.58	112	P	17	17.00	-0.1
HNR	9.80	113	eP	17	18.00	-2.2
			eS	19	10.00	
CTA	14.98	197	iPd	18	33.00	3.4X
			iS	21	19.00	
TLE	17.96	269	eP	18	55.10	-12.4X
ISO	18.50	215	eP	19	17.00	2.9X
	1.3s		626.00nm			5.6mb
KOU	19.75	140	iPc	19	28.20	-0.4
GUA	19.98	343	eP	19	30.50	-0.6
	0.8s		668.66nm			6.0mb
			eS	23	17.00	
GUMO	20.04	343	e(P)	19	33.50	1.8
MTN	20.66	248	eP	19	36.00	-2.2
RMO	20.78	185	eP	19	40.00	0.7
			e	22	42.00	
PVC	20.89	126	iP	19	41.50	1.0
WB2	21.37	227	iPc	19	44.20	-1.2
WRA	21.38	227	Pd	19	45.00	-0.5
	0.8s		53.80nm			5.0mb
NOU	22.40	139	iPd	19	55.20	-0.4
KNA	23.82	243	eP	20	10.00	0.5
	0.8s		270.00nm			5.8mb
ASPA	24.17	221	eP	20	13.00	0.1
	0.8s		256.00nm			5.8mb
			eS	24	33.00	
COO	24.78	178	eP	20	18.00	-0.8
	1.0s		214.00nm			5.7mb
CMS	26.08	190	eP	20	30.00	-1.0
MNI	26.88	285	eP	20	39.60	1.2
STK	27.45	197	eP	20	42.00	-1.4
	0.8s		73.00nm			5.4mb
RIV	28.00	179	eP	20	52.00	3.6X
DAV	28.19	296	eP	20	51.00	0.7
YOU	28.54	184	eP	20	52.90	-0.4
			eScP	27	52.20	
CAN	29.53	183	eP	21	01.90	-0.4
			eScP	27	55.70	
VUN	29.66	117	eP	21	02.00	-1.5
WAM	30.41	183	eP	21	10.40	0.4
			eScP	27	58.60	
WBN	30.81	226	eP	21	13.00	-0.6
ADE	31.20	199	iPd	21	16.20	-0.8
	0.8s		68.66nm			5.5mb
TOO	32.10	188	eP	21	24.00	-0.9
BFD	32.24	192	eP	21	27.00	1.0
MBL	33.72	240	eP	21	38.00	-1.1
CRZ	35.04	148	P	21	54.30	4.0X
MAN	35.74	305	eP	22	07.00	10.6X
BAG	37.09	307	eP	22	06.80	-1.2
MEK	37.13	232	eP	22	07.00	-1.1
	0.5s		31.00nm			5.4mb
KLG	37.18	224	eP	22	08.00	-0.5
TAU	37.19	184	iPc	22	09.20	0.9
NAU	37.97	240	eP	22	15.00	-0.1
KRP	39.19	148	P	22	26.80	1.6
KLB	40.25	226	iPd	22	33.00	-1.1
MRWA	40.35	230	eP	22	34.00	-0.9
BAL	40.50	228	eP	22	35.00	-1.1

MNG	41.22	151	eP	22	41.50	-0.4
			i	22	45.80	
			PcP	24	48.70	
NWAO	41.35	225	eP	22	43.00	-0.1
WEL	41.41	152	P	22	44.00	0.6
	Z 22s		14.81um			5.8Msz
			e	23	27.70	
			(S)	29	12.00	
MUN	41.57	227	eP	22	44.00	-0.9
MSZ	41.62	162	P	22	46.00	1.0
RKG	42.15	223	eP	22	51.00	1.4
LEM	42.93	266	ePd	23	04.00	7.5X
SHK	43.51	338	eP	22	58.90	-1.7
MAT	43.63	345	(P)	23	00.00	-1.6
	1.0s		42.00nm			5.2mb
SSE	46.25	324	Pd	23	23.80	1.3
	2.0s		624.00nm			6.2mb
	N 16s		3.90um			
			PP	25	12.50	
			S	30	12.00	
			sS	30	20.00	
			SS	33	24.00	
KGM	48.03	278	eP	23	37.00	0.0
IPM	50.74	281	ePd	24	03.00	5.2X
			e	25	16.90	
BJI	55.56	328	eP	24	32.50	-0.5
	Z 18s		5.70um			5.7Msz
	E 18s		2.00um			
			S	32	14.00	
KMT	55.60	292	eP	24	36.60	2.8X
KMI	55.85	305	eP	24	37.00	1.3
CHTO	56.59	297	eP	24	38.80	-2.0
	1.5s		24.21nm			5.0mb
PPN	59.50	107	eP	25	05.00	3.8X
	1.1s		95.00nm			5.8mb
TVO	59.69	107	eP	25	06.00	3.4X
	1.1s		60.00nm			5.6mb
LZH	60.50	317	eP	25	06.50	-1.5
	2.0s		141.00nm			5.7mb
PMO	60.85	104	eP	25	14.00	3.6X
	1.1s		75.00nm			5.7mb
VAH	61.11	104	eP	25	16.00	3.8X
	1.1s		50.00nm			5.6mb
TPT	61.12	104	eP	25	16.00	3.8X
	1.1s		55.00nm			5.6mb
RUV	61.35	104	eP	25	17.00	3.2X
	1.1s		45.00nm			5.5mb
SHL	65.05	301	eP	25	38.00	-0.4
SBA	72.61	177	eP	26	24.80	0.8
KOD	74.72	282	eP	26	40.00	2.2
HYB	74.91	290	eP	26	40.00	1.5
			e	27	13.00	
			e	27	37.50	
GBA	75.29	286	Pc	26	41.80	1.2
	0.5s		4.00nm			4.7mb
NDI	78.46	301	eP	27	04.00	5.8X
TTA	79.32	22	eP	27	00.50	-1.8
PMR	81.32	25	P	27	12.50	-0.2
IMA	81.96	20	eP	27	16.30	0.1
COL	83.45	22	eP	27	22.00	-1.7
	0.7s		10.27nm			5.1mb
FBA	83.45	22	P	27	20.00	-3.7X
MAW	83.99	203	eP	27	29.00	2.6
SPA	84.35	180	e(P)	27	30.40	1.9
QUE	87.53	300	eP	27	43.00	-2.0
INK	90.00	21	eP	27	53.00	-2.6
MHI	94.38	306	eP	28	16.00	-0.6
SDW	94.94	56	P	28	20.00	0.8
BMN	95.15	50	P	28	20.00	-0.1
MBC	95.45	14	eP	28	17.00	-3.6X
NEW	95.59	42	P	28	20.00	-1.8
YKA	97.13	28	eP	28	30.50	2.1
EDM	98.03	37	eP	28	32.50	-0.2
BDW	100.91	48	Pdiff	28	40.00	-6.3X
ALQ	103.68	56	e(Pdif	28	40.00	-18.7X
KJF	109.04	337	iPKP	33	26.80	0.8
SUF	110.37	336	ePKP	33	27.00	-1.5
MTD	115.92	248	ePKP	33	41.00	0.3
NB2	117.05	339	PKP	33	38.00	-3.4X
	0.7s		1.90nm			
BUL	117.67	244	iPKPd	33	44.70	0.7
			i	35	01.00	
LSZ	119.46	249	iPKP	33	47.80	0.3
			i	35	06.00	
BRG	122.43	329	ePKP	33	53.70	1.8
	0.8s		14.00nm			
SKO	122.43	317	e(PKP)	33	54.00	1.8

PRU	122.64	328	ePKP	33	52.00	-0.3
CLL	122.64	330	ePKP	33	53.00	0.7
	Z 23s		3.50um			5.9MszX
KHC	123.64	328	PKP	33	55.00	0.6
			e	34	26.00	
MOX	123.74	330	e(PKP)	33	57.00	2.5X
			e	35	42.00	
LJU	124.86	324	ePKP	33	57.90	1.1
VOY	125.23	324	ePKP	33	58.00	0.3
EKA	126.28	342	PKP	34	00.00	0.7
	1.7s		36.50nm			
ENN	126.37	333	ePKP	34	01.00	1.4
	1.0s		14.00nm			
MEM	126.44	333	PKP	34	01.20	1.5
CTI	126.51	325	e(PKP)	34	01.50	1.3
MNS	127.96	321	ePKP	34	01.50	-1.3
BSF	127.97	330	ePKP	34	03.10	0.2
HAU	128.08	330	ePKP	34	02.30	-0.7
LOR	129.80	331	ePKP	34	06.70	0.4
LBF	129.94	331	ePKP	34	06.90	0.3
SSF	130.12	331	ePKP	34	07.40	0.5
SMF	130.25	331	ePKP	34	07.80	0.7
AVF	130.38	331	ePKP	34	08.40	1.1
BGF	130.79	331	ePKP	34	08.70	0.5
TCF	131.29	331	ePKP	34	09.60	0.4
LPF	131.44	335	ePKP	34	10.80	1.5
LSF	131.65	332	ePKP	34	10.30	0.5
BCAO	132.45	271	ePKP	34	04.00	-8.3X
	0.9s		8.53nm			
LPO	132.95	330	ePKP	34	12.70	0.4
YJA	134.95	129	e(PKP)	34	06.00	-11.4X
LPB	135.64	121	ePKP	34	22.00	3.3X
	Z 23s		1.52um			5.7MszX
			LR	19	17.00	
CCH	136.91	123	PKPc	34	25.20	4.2X
SDV	138.79	83	ePKP	34	24.60	0.2
AVE	145.87	326	iPKP	34	36.50	0.5
			i	35	30.00	
GUV	146.28	84	iPKPc	34	41.50	4.3X
VAO	146.61	149	ePKP	34	41.30	3.7X
			e	34	46.70	
			e	34	50.30	
BAO	151.80	139	PKP	34	43.50	-2.4
KIC	155.67	273	ePKP	34	51.20	0.1
SOB1	161.16	142	ePKP	34	58.50	1.0
			e	35	01.30	
			e	35	44.30	
ITR	162.95	147	ePKP	34	59.50	0.3
	1.2s		20.20nm			
			e	35	00.60	
			e	35	02.80	
			i	35	04.50	
			e	35	51.20	
	S.D. = 1.2		on 110 of 141 obs.			

MAY 10, 1985 18h 22m 39.98± 0.91s
5.672 S ± 9.3km 150.875 E ± 6.3km
DEPTH = 39.2 ± 13.3 km
4.8mb (4 obs.)
NEW BRITAIN REGION (192)

KVG	3.08	359	eP	23	27.00	-0.3
LAT	3.97	256	eP	23	44.00	3.9X
LMG	4.20	220	iPd	23	41.80	-1.6
PAA	4.63	98	eP	23	45.00	-4.5X
			eS	24	40.00	
MOM	5.00	316	eP	23	55.00	0.4
MDG	5.09	274	eP	23	57.00	1.2
PMG	5.23	225	eP	23	59.00	1.1
VSG	9.46	113	eP	24	56.00	-0.9
SVO	9.51	112	P	24	57.00	-0.6
HNR	9.74	113	e(P)	25	02.00	1.3
CTA	15.02	197	iPd	26	18.60	7.3X
KOU	19.71	140	iPc	27	13.10	3.9X
MTN	20.74	249	eP	27	19.00	-0.9
RMO	20.80	185	eP	27	21.00	0.5
	1.0s		357.00nm			5.7mb
WB2	21.43	227	eP	27	25.30	-1.7
WRA	21.44	227	Pc	27	26.00	-1.1
	0.9s		28.40nm			4.7mb
NOU	22.37	139	iPc	27	35.00	-1.2
KNA	23.89	243	eP	27	51.00	-0.2
STK	27.48	197	eP	28	25.00	0.3
	0.7s		9.00nm			4.5mb
YOU	28.56	184	eP	28	34.30	-0.1
CAN	29.56	183	eP	28	44.70	1.3
WAM	30.43	183	eP	28	52.60	1.6

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MEK     37 20 232 eP     29 48.00   -1.5
        0.5s      8.00nm          4.9mb
KRP     39.17 149 eP     30 09.00    3.2X
MNG     41.20 151 P      30 21.80   -0.8
MSZ     41.61 162 e(P)   30 27.00    1.2
RKG     42.21 224 eP     30 33.00    2.0
SPA     84.37 180 e(P)   35 14.10    4.7X
ITR    162.93 147 e(PKP)42 44.00    4.1X
      S.D. = 1.2  on  22 of  29 obs.

*  MAY  10, 1985  18h 33m 22.90± 1.41s
    5.688 S ± 8.4km  151.158 E ±22.5km
    DEPTH =  33.0km  (normal)
    4.7mb (  1 obs.)
 NEW BRITAIN REGION                (192)

KVG      3.12 353 eP     34 10.00   -0.9
LAT      4.24 257 eP     34 31.00    4.1X
MOM      5.21 314 eP     34 42.00    1.4
RMQ     20.81 186 eP     38 05.00    0.9
MTN     20.99 249 eP     38 05.00   -1.0
WB2     21.63 228 iPd    38 11.70   -0.8
WRA     21.64 228 Pd     38 11.80   -0.7
        1.3s     42.00nm          4.7mb
KNA     24.14 244 eP     38 40.00    2.9X
WBN     31.06 226 eP     39 41.00    0.7
MEK     37.41 233 eP     40 35.00    0.1
MRWA    40.62 231 eP     41 02.00    0.4
      S.D. = 1.0  on   9 of  11 obs.

   MAY  10, 1985  18h 38m 07.50± 0.62s
    5.565 S ± 6.1km  151.056 E ± 4.5km
    DEPTH =  52.2 ±  7.9 km
    4.9mb (  4 obs.)
 NEW BRITAIN REGION                (192)

KVG      2.98 355 iPd    38 53.50    0.0
BGA      4.14  98 eP     39 09.00   -0.9
                eS      40 03.00
LAT      4.18 255 eP     39 13.00    2.7X
LMG      4.40 221 eP     39 14.00    0.5
PAA      4.47 100 iPc    39 12.30   -2.2
                eS      40 08.00
MOM      5.05 314 eP     39 24.00    1.3
MDG      5.26 273 eP     39 27.00    1.4
PMG      5.44 225 eP     39 28.00    0.0
VSG      9.33 114 eP     40 22.00   -0.2
SVG      9.39 113 P      40 26.00    3.0X
HNR      9.62 114 P      40 27.00    0.9
CTA     15.17 197 eP     41 44.00    3.9X
KOU     19.68 140 iPc    42 43.80    8.6X
PVC     20.76 127 iPc    42 48.00    1.5
RMQ     20.92 186 eP     42 49.00    0.9
MTN     21.05 248 eP     42 46.00   -2.4
WB2     21.64 227 iPd    42 54.20   -1.2
WRA     21.65 227 P      42 59.00    3.5X
        0.8s     39.30nm          4.9mb
KNA     24.10 243 eP     43 20.00    0.5
ASPA    24.43 221 eP     43 23.00    0.3
CMS     26.25 190 eP     43 39.00   -0.6
STK     27.64 198 eP     43 52.00   -0.3
        0.7s     18.00nm          4.8mb
SDU     28.68 185 eP     44 01.90    0.2
CAN     29.67 183 eP     44 11.30    0.7
KAM     30.55 183 eP     44 19.10    0.8
WBN     31.07 226 eP     44 23.00   -0.1
ADE     31.40 200 iPd    44 26.00    0.1
BBL     34.00 240 iPc    44 47.40   -1.2
        0.5s     7.00nm          4.8mb
BAG     37.22 306 eP     45 16.00   -0.2
MEK     37.40 232 eP     45 17.00   -0.5
        0.4s     13.00nm          5.2mb
KLG     37.45 224 eP     45 17.40   -0.3
KLB     40.52 226 iPd    45 42.60   -0.7
MRWA    40.62 230 eP     45 43.50   -0.7
BAL     40.77 228 eP     45 45.00   -0.4
TCW     41.12 153 (P)    45 49.20    1.2
MNG     41.21 151 eP     45 49.00    0.2
NWAO    41.62 225 iPc    45 52.00   -0.3
MUN     41.84 227 iPd    45 54.00   -0.1
RKG     42.41 224 eP     46 02.00    3.2X
BJI     55.59 328 eP     47 40.00   -0.1
SBA     72.72 177 e(P)   49 32.10    0.7
SPA     84.47 180 e(P)   50 37.10    1.3
      S.D. = 1.0  on  36 of  42 obs.

?  MAY  10, 1985  19h 14m 08.64± 2.03s
    6.345 S ±13.6km  152.435 E ±25.7km
    DEPTH =  33.0km  (normal)
    4.1mb (  1 obs.)
 NEW BRITAIN REGION                (192)

RAB      2.16 353 iPd    14 43.00    0.0
LMG      4.95 239 eP     15 19.00   -3.9X
LAT      5.41 266 eP     15 29.00   -0.1
PMG      6.05 239 eP     15 38.50    0.3
WB2     22.16 231 eP     19 03.40   -0.1
WRA     22.17 231 Pd     19 03.60    0.0
        0.5s     3.50nm          4.1mb
      S.D. = 0.2  on   5 of   6 obs.

%  MAY  10, 1985  19h 18m 29.39± 0.92s
    40.798 N ± 6.6km   29.140 E ± 8.4km
    DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

ISK      0.27 347 iPg    18 35.40    0.2
                iSg     18 40.40
YLV      0.29 142 iPg    18 35.40   -0.1
                iSg     18 41.40
CTT      0.64 303 iPg    18 41.90   -0.3
                iSg     18 52.40
KCT      0.81 228 ePg    18 45.40    0.3
                iSg     18 56.40
EDC      1.07 246 ePn    18 49.50   -0.1
      S.D. = 0.4  on   5 of   5 obs.

   MAY  10, 1985  19h 31m 19.10± 0.62s
    43.302 N ± 6.8km   20.985 E ± 6.1km
    DEPTH =  10.0km  (geophysicist)
 YUGOSLAVIA                        (383)
      ML 2.9 (IVA), 2.8 (TTG). Felt
      (V) in eastern Yugoslavia.

IVA      0.91 242 ePg    31 35.00   -1.5
                eSg     31 48.70
PVY      1.03 227 ePg    31 38.00   -0.6
                eSg     31 51.40
SKO      1.37 166 ePg    31 44.00   -0.2
                iSg     32 04.30
TTG      1.54 236 ePg    31 46.50   -0.1
                eSg     32 07.00
BEO      1.57 346 iPg    31 48.00    1.0
                iSg     32 10.00
HCY      2.02 246 ePn    31 54.50    0.9
                eSn     32 22.00
OHR      2.19 184 ePn    31 58.80    2.6
CLO      2.20  36 iPc    31 55.50   -0.7
VAY      2.30 149 iPn    31 56.40   -1.3
DEV      2.92  27 ePc    32 15.60    9.2X
PLD      2.99 112 eP     32 55.00   47.6X
PVL      3.06  91 iPc    32 09.00    0.6
KDZ      3.63 116 iP     32 26.00    9.5X
MLR      4.17  57 eP     32 34.00    9.7X
JMB      4.20 100 eP     32 24.00   -0.5
VOY      5.75 301 ePn    32 46.30   -0.3
                e(Sn)   33 48.00
      S.D. = 1.3  on  12 of  16 obs.

?  MAY  10, 1985  20h 06m 49.25± 3.68s
    33.513 S ± 9.0km   71.840 W ±31.6km
    DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE       (135)

LNV      0.57 141 iPc    07 00.80    0.0
                iS      07 07.50
TACH     0.77 101 iPc    07 03.30   -0.3
                iS      07 11.60
ROCH     0.88  52 iPd    07 05.30   -0.2
                iS      07 10.40
SAN      0.99  87 iPc    07 07.00    0.2
                iS      07 18.90
PEL      1.03  69 iPd    07 07.80    0.3
CHCH     1.08 113 iPd    07 08.10    0.0
PCH      1.11  96 iP     07 09.00    0.3
BACH     1.14  82 iPc    07 09.50    0.5
FCH      1.31  82 iPc    07 12.00    0.3
JACH     1.34  52 iPd    07 12.40    0.6
MDZ      2.58  77 eP     07 34.90    5.2X
                e       07 43.70
                iS      08 07.50
TCA      6.50  72 ePd    08 23.50   -1.7
      S.D. = 0.7  on  11 of  12 obs.

   MAY  10, 1985  20h 30m 14.39± 0.67s
    5.842 S ± 9.6km  151.125 E ± 7.1km
    DEPTH =  33.0km  (normal)
    3.9mb (  1 obs.)
 NEW BRITAIN REGION                (192)

KVG      3.26 354 eP     31 04.00   -0.4
BGA      4.04  95 iPd    31 16.00    0.3
                eS      32 06.00
LAT      4.18 259 eP     31 19.00    1.5
LMG      4.24 224 eP     31 17.00   -1.5
PAA      4.37  96 eP     31 20.00   -0.2
PMG      5.30 228 eP     31 33.00   -0.3
RMQ     20.66 186 eP     34 55.00    1.6
WB2     21.50 228 eP     35 02.30   -0.4
WRA     21.51 228 Pc     35 02.80    0.0
        0.7s     3.80nm          3.9mb
      S.D. = 1.0  on   9 of   9 obs.

?  MAY  10, 1985  20h 31m 02.19± 6.28s
    33.993 S ±29.3km   72.337 W ±42.6km
    DEPTH =  10.0km  (geophysicist)
 OFF COAST OF CENTRAL CHILE        (134)

LNV      0.77  87 iPc    31 17.90    0.7
                iS      31 26.30
TACH     1.21  74 iP     31 24.30   -0.5
                iS      31 38.10
CHCH     1.40  88 iPd    31 27.60   -0.2
SAN      1.50  69 iPc    31 29.10    0.0
                iS      31 46.50
ROCH     1.51  48 iP     31 29.60    0.2
PCH      1.56  77 iPc    31 29.80   -0.3
PEL      1.62  59 iPd    31 31.10    0.2
                iS      31 51.10
BACH     1.87  68 iPd    31 31.70    0.1
FCH      1.83  69 iP     31 34.20   -0.1
                iS      31 56.00
TCA      7.05  70 ePd    32 48.00    0.0
                S       34 12.70
      S.D. = 0.4  on  10 of  10 obs.

?  MAY  10, 1985  20h 34m 44.20± 8.30s
    34.217 S ±41.5km   72.786 W ±55.5km
    DEPTH =  10.0km  (geophysicist)
 NEAR COAST OF CENTRAL CHILE       (135)

LNV      1.17  78 iPc    35 06.10    0.1
                iS      35 14.50
TACH     1.64  70 iPc    35 12.50   -0.6
                iS      35 26.50
CHCH     1.79  82 iPd    35 15.80    0.3
SAN      1.93  67 iPd    35 17.10   -0.3
                iS      35 33.00
ROCH     1.93  51 iPc    35 17.60   -0.1
                iS      35 34.50
PCH      1.98  73 iPc    35 17.90   -0.3
PEL      2.05  59 iPd    35 19.50    0.3
                iS      35 38.50
BACH     2.10  66 iPd    35 20.20    0.3
FCH      2.26  68 iPc    35 22.60    0.1
MDZ      3.55  69 eP     35 46.80    6.3X
                i       36 12.50
TCA      7.47  70 ePc    36 36.00    0.0
                S       37 59.50
      S.D. = 0.4  on  10 of  11 obs.

   MAY  10, 1985  20h 56m 13.28± 0.74s
    5.546 S ± 4.9km  150.930 E ± 4.9km
    DEPTH =  43.3 ±  8.0 km
    5.0mb (  7 obs.)
 NEW BRITAIN REGION                (192)

KVG      2.96 357 eP     57 00.50    1.6
LAT      4.06 254 iPd    57 18.50    4.0X
BGA      4.27  98 iPd    57 16.30   -1.4
                eS      58 12.00
LMG      4.33 219 eP     57 18.50   -0.1
PAA      4.60 100 eP     57 20.00   -2.2
                eS      58 17.00
MOM      4.95 315 eP     57 20.00   -7.1X
MDG      5.14 273 eP     57 30.00    0.3
PMG      5.36 224 iPd    57 33.00    0.1
VSG      9.46 113 P      58 31.00    1.0
HNR      9.74 114 eP     58 34.00    0.2
CTA     15.15 197 iPc    59 48.00    1.9
        1.1s     24.05nm          4.3mb
```

10d 20h

		iS	02 51.00		
ISO	18.69	215 eP	00 30.00	-0.6	
KOU	19.77	140 iPc	00 44.80	2.0	
GUA	19.88	343 eP	00 43.80	-0.2	
	0.9s	208.40nm		5.5mb	
	Z 22s	1.19um			
PJG	19.94	342 eP	00 44.00	-0.6	
MTN	20.84	248 iPd	00 52.90	-1.0	
RMO	20.93	185 iPd	00 55.70	0.9	
WB2	21.56	227 iPd	01 00.00	-1.2	
WRA	21.57	227 Pc	01 01.10	-0.2	
	1.4s	102.70nm		5.0mb	
NOU	22.42	139 iPd	01 04.50	-5.2X	
KNA	24.00	243 eP	01 25.00	-0.1	
	0.7s	51.00nm		5.2mb	
ASPA	24.36	221 iPd	01 29.60	0.9	
CMS	26.25	190 eP	01 44.00	-2.3	
STK	27.62	197 iPc	01 58.30	-0.5	
	0.6s	6.00nm		4.4mb	
DAV	28.24	296 eP	02 05.00	0.4	
		e	02 49.00		
		eS	07 06.00		
YOU	28.69	184 eP	02 08.60	0.2	
CAN	29.68	183 eP	02 17.10	-0.3	
WAM	30.56	183 eP	02 25.50	0.5	
WBN	31.00	226 eP	02 28.50	-0.6	
ADE	31.38	200 iPc	02 32.20	-0.2	
MBL	33.90	240 eP	02 53.00	-1.5	
	0.6s	12.00nm		5.0mb	
BAG	37.11	307 eP	03 22.00	0.1	
		eS	09 12.00		
MEK	37.32	232 eP	03 23.00	-0.4	
KLG	37.38	224 eP	03 23.50	-0.3	
KLB	40.44	226 eP	03 49.00	-0.4	
MRWA	40.54	230 eP	03 50.00	-0.2	
BAL	40.69	228 eP	03 51.00	-0.4	
TCW	41.19	133 P	03 56.30	1.0	
MNG	41.28	151 Pc	03 56.50	0.4	
	1.0s	100.00nm		5.5mb	
NWAO	41.55	225 eP	03 58.00	-0.4	
MSZ	41.71	162 e(P)	04 03.00	3.5X	
MUN	41.77	227 eP	04 00.00	-0.2	
RKG	42.34	223 iPc	04 07.60	2.7	
SSE	46.21	324 eP	04 36.80	0.8	
		S	11 28.00		
		sS	11 34.00		
BJI	55.51	328 eP	05 46.50	0.2	
SPA	84.49	180 e(P)	08 43.80	1.0	
INK	89.82	21 eP	09 07.00	-1.3	
SPC	119.88	325 iPKPd	14 46.70	-14.2X	
KHC	123.59	328 ePKP	15 07.90	0.1	
BCAO	132.57	271 e(PKP)	15 21.00	-5.0X	
BAO	151.82	139 e(PKP)	16 01.50	2.1	
ITR	163.00	147 ePKP	16 11.10	-1.7	
	S.D. = 1.1	on 46 of 52 obs.			

MAY 10, 1985 21h 07m 20.55± 0.58s
40.230 N ± 4.9km 23.269 E ± 4.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

PAIG	0.44	134 ePgc	07 29.60	0.1	
		eSg	07 36.70		
THE	0.46	330 ePgc	07 29.80	-0.2	
		eSg	07 36.40		
OUR	0.56	79 ePgc	07 31.80	0.0	
		eSn	07 39.30		
SOH	0.59	6 iPgc	07 32.40	-0.2	
		eSg	07 40.60		
LIT	0.61	258 ePgc	07 32.60	-0.3	
		eSg	07 41.40		
SPS	0.92	15 ePgd	07 38.00	-0.1	
		eSg	07 51.80		
KNT	0.97	343 ePg	07 39.10	0.1	
		eSg	07 52.30		
GRG	0.98	318 ePg	07 39.50	0.3	
		eSg	07 53.60		
VAY	1.21	334 iPg	07 43.50	0.4	
		iSg	08 01.00		
MMB	1.40	14 iPc	07 46.00	-0.2	
KDZ	2.11	48 iP	08 00.00	3.6X	
VTS	2.37	359 eP	08 06.00	6.0X	
	S.D. = 0.3	on 10 of 12 obs.			

• MAY 10, 1985 21h 07m 33.04± 0.94s
5.572 S ±15.5km 150.922 E ±11.8km
DEPTH = 33.0km (normol)
3.9mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.85	42 iPc	08 03.30	0.3	
LAT	4.05	254 eP	08 38.00	3.8X	
BGA	4.27	98 eP	08 57.00	19.4X	
LMG	4.31	220 eP	08 37.00	-1.1	
PAA	4.60	99 e(P)	08 41.00	-1.2	
PMG	5.34	224 eP	08 53.00	0.5	
CTA	15.13	197 iPc	11 14.80	8.7X	
WB2	21.54	227 eP	12 21.30	-0.4	
WRA	21.54	227 Pd	12 21.30	-0.4	
	0.5s	2.70nm		3.9mb	
ASPA	24.34	221 eP	12 51.00	1.8X	
YOU	28.66	184 eP	13 31.50	2.5X	
CAN	29.66	183 eP	13 40.30	2.3X	
WAM	30.53	183 eP	13 46.90	1.3	
TCW	41.17	153 e(P)	15 17.00	1.0	
	S.D. = 1.1	on 8 of 14 obs.			

• MAY 10, 1985 21h 23m 35.69± 1.30s
51.224 N ±12.3km 15.707 E ± 6.8km
DEPTH = 10.0km (geophysicist)
POLAND (548)

KSP	0.53	136 iPd	23 44.20	-2.2	
	0.3s	74.00nm			
		iS	23 53.40		
BRG	1.17	253 ePn	23 57.90	0.5	
		iPg	23 59.10		
		iSg	24 19.10		
PRU	1.44	211 Pn	24 02.50	0.7	
		ePg	24 04.10		
		Sn	24 21.50		
		eSg	24 26.50		
		i	24 35.50		
CLL	1.70	274 iPn	24 04.00	-1.5	
		iPg	24 07.30		
		iSg	24 33.70		
KHC	2.50	214 Pn	24 17.50	0.4	
		Pg	24 24.00		
		e	24 56.00		
		Sg	25 05.70		
HOF	2.60	251 iPnc	24 18.00	-0.4	
MOX	2.65	259 ePn	24 19.50	0.3	
		iPg	24 26.50		
		iSg	25 06.00		
WET	2.76	222 iPnc	24 21.50	0.7	
KRA	2.94	112 eP	24 25.50	2.3	
		iS	25 03.00		
VKA	2.99	172 ePn	24 23.00	-1.0	
		i	24 31.00		
		iSn	25 12.60		
		i	25 16.70		
		i	25 18.40		
GRF	3.25	244 iPnc	24 28.00	0.3	
		e(Pg)	24 44.00		
		e(Sg)	25 27.00		
KMR	3.33	198 ePn	24 30.00	1.1	
		e(Sn)	25 29.00		
KBA	4.43	201 iPnc	24 44.50	-0.1	
		i	25 59.00		
TNS	4.72	261 ePn	24 48.00	-0.6	
		eSn	26 11.00		
LJU	5.24	189 eP	25 08.30	12.3X	
		e(Sb)	26 11.40		
VOY	5.33	194 ePn	24 57.00	-0.4	
		e	25 14.80		
		eSn	25 58.70		
		eSg	26 34.00		
CTI	5.83	209 eP	25 04.50	0.1	
	S.D. = 1.1	on 16 of 17 obs.			

? MAY 10, 1985 22h 00m 58.48± 1.45s
44.599 N ±10.8km 114.116 W ±13.3km
DEPTH = 5.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.1 (BUT).

HPI	1.15	140 eP	01 28.90	8.2X	
LRM	1.70	43 iPnd	01 29.30	0.1	
BUT	1.79	37 ePg	01 33.50	3.1X	
		eSn	01 55.80		
		eSg	01 59.40		
TMI	2.05	128 eP	01 33.60	-0.6	
IMW	2.39	106 eP	01 40.00	0.8	
SXM	2.57	52 ePn	01 41.80	0.1	
HRY	2.65	36 ePn	01 42.10	-0.7	
NEW	4.21	332 e(P)	02 05.00	0.2	
	S.D. = 0.7	on 6 of 8 obs.			

? MAY 10, 1985 22h 11m 29.58± 3.19s
29.402 N ±46.3km 69.767 E ±25.5km
DEPTH = 87.2 ± 24.1 km
4.2mb (5 obs.)
PAKISTAN (710)

NDI	6.56	94 iPnc	13 06.60	1.3	
		iSn	14 18.20		
MHI	11.04	311 eP	14 06.00	-0.3	
KKN	13.73	93 eP	14 40.40	-1.5	
	0.7s	22.00nm		4.7mb	
PKI	13.88	94 eP	14 43.80	-0.2	
	0.7s	9.00nm		4.2mb	
SUF	43.57	333 iP	19 27.70	1.6	
	0.4s	2.20nm		4.3mb	
KJF	43.72	335 eP	19 27.00	-0.3	
NB2	49.59	327 P	20 12.60	-0.9	
	0.7s	1.10nm		4.0mb	
WRA	79.23	120 P	23 31.00	4.0X	
	0.2s	0.40nm		4.0mb	
WB2	79.24	120 eP	23 27.20	0.2	
	S.D. = 1.4	on 8 of 9 obs.			

• MAY 10, 1985 22h 24m 18.47± 1.07s
5.596 S ± 9.1km 151.311 E ±17.2km
DEPTH = 33.0km (normol)
4.1mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.64	32 iPc	24 45.70	0.4	
KVG	3.05	350 eP	25 04.00	-1.5	
LAT	4.41	256 eP	25 28.00	3.1X	
LMG	4.55	223 eP	25 25.00	-1.9	
ALOA	4.76	191 eP	25 30.00	0.2	
MOM	5.26	312 eP	25 38.00	1.1	
PMG	5.60	227 eP	25 43.00	1.4X	
WB2	21.80	228 eP	29 10.20	0.4	
WRA	21.81	228 Pd	29 11.10	1.2	
	0.7s	6.30nm		4.1mb	
	S.D. = 1.5	on 7 of 9 obs.			

• MAY 10, 1985 23h 11m 55.68± 1.55s
6.044 S ±15.7km 151.830 E ±23.4km
DEPTH = 33.0km (normol)
4.0mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.87	10 eP	12 26.00	0.0	
LMG	4.63	232 eP	13 05.00	-0.3	
LAT	4.84	263 eP	13 08.00	-0.1	
PMG	5.71	234 eP	13 21.00	0.5	
WB2	21.89	229 eP	16 48.20	0.3	
WRA	21.90	229 Pc	16 47.50	-0.5	
	0.9s	5.10nm		4.0mb	
	S.D. = 0.5	on 6 of 6 obs.			

? MAY 10, 1985 23h 34m 09.30± 1.90s
5.976 S ±19.4km 151.447 E ±34.3km
DEPTH = 33.0km (normol)
3.9mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.91	22 eP	34 40.00	-0.2	
KVG	3.44	349 eP	35 02.00	0.1	
LMG	4.38	228 eP	35 14.00	-1.4	
LAT	4.47	261 eP	35 24.00	7.4X	
PMG	5.45	231 iPc	35 31.00	0.6	
WB2	21.65	229 eP	39 00.00	0.9	
WRA	21.66	229 P	39 02.00	2.8X	
	0.8s	3.80nm		3.9mb	
ASPA	24.38	222 eP	39 33.00	7.2X	
	S.D. = 1.3	on 5 of 8 obs.			

• MAY 10, 1985 23h 36m 01.89± 0.98s
23.696 N ± 9.2km 121.450 E ±16.7km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWF1	0.37	202 iPd	36 09.30	-0.2	
		eS	36 15.00		
TWD	0.40	19 eP	36 10.00	-0.2	
TWC	0.98	22 iPc	36 21.00	0.5	
TWK	0.98	244 Pc	36 20.80	0.2	

eS 36 35.50
TATO 1.27 2 e(P) 36 25.00 -0.5
TWZ 1.40 5 ePc 36 27.50 0.1
S.D. = 0.5 on 6 of 6 obs.

MAY 10, 1985 23h 45m 29.58± 0.23s
43.313 N ± 2.1km 20.926 E ± 1.6km
DEPTH = 18.9 ± 2.3 km
5.2mb (30 obs.) 4.6Msz (2 obs.)
YUGOSLAVIA (383)
ML 5.0 (TTG), 5.0 (LJU). Damage (VIII) in the Kopaonik Mountains region. Felt at Belgrade and in many parts of southeastern Yugoslavia.

IVA 0.87 240 iPgc 45 45.60 -0.4
iSg 46 00.00
PVY 1.00 225 ePg 45 47.10 -1.1
eSg 46 04.00
PLE 1.12 271 iPgc 45 50.30 0.1
iSg 46 07.00
SKO 1.39 164 iPgc 45 54.20 0.2
iSg 46 13.00
TTG 1.51 235 iPnd 45 56.70 1.0
eSn 46 20.20
BEO 1.55 347 iPg 45 58.00 1.8
iSg 46 19.50
BRY 1.79 258 ePn 46 01.40 1.4
eSn 46 30.00
VTS 1.81 112 iPd 45 02.00 -58.1X
ULC 1.83 223 ePn 46 02.00 1.6
eSn 46 30.00
HCY 1.98 245 iPnd 46 04.80 2.2
eSn 46 33.00
SRE 2.13 50 iPd 46 06.00 1.3
OHR 2.20 183 iPnc 46 06.70 0.9
CLO 2.22 37 iPd 46 07.00 1.0
VAY 2.33 148 iPnc 46 07.30 -0.3
i 46 30.00
iSn 46 35.00
GRG 2.60 155 iPnc 46 12.00 0.6
eSn 46 58.50
KNT 2.60 145 iPnc 46 11.60 0.1
eSn 46 56.20
MMB 2.70 129 iPc 46 14.00 1.2
DEV 2.93 28 ePd 46 17.00 0.9
SRS 2.96 137 iPnc 46 16.40 0.0
eSn 47 05.40
PLD 3.03 112 iPd 46 18.00 0.5
KZN 3.07 168 iPc 46 18.70 0.6
SOH 3.08 143 iPnc 46 18.20 0.0
eSn 47 07.10
THE 3.08 150 ePnc 46 18.10 -0.1
eSn 47 12.60
PVL 3.11 92 iPd 46 20.00 1.4
COZ 3.17 50 iPd 46 20.05 0.4
LIT 3.42 159 iPnc 46 23.10 0.1
eSn 47 19.20
CMP 3.54 55 iPd 46 28.00 3.2X
DIM 3.66 109 iP 46 26.00 -0.5
ODZ 3.67 116 iPd 46 26.00 -0.7
BRT 3.69 230 P 46 27.00 0.2
LCI 3.71 218 ePn 46 27.00 -0.2
eSg 47 34.50
OUR 3.75 141 iPnc 46 27.60 -0.1
eSn 47 28.30
CGN 3.77 75 iPd 46 29.00 0.9
BUC1 3.83 73 iPd 46 28.00 -0.9
MSR 3.89 44 iPd 46 38.00 8.3X
BUC 3.90 72 iP 46 28.50 -1.3
PAIG 3.96 148 iPnc 46 30.50 -0.2
MLR 4.20 57 iPd 46 34.50 0.2
JMB 4.24 100 iPc 46 34.00 -0.7
eS 47 28.00
ZAG 4.33 307 iPn 46 36.70 0.8
iPb 46 47.00
iPg 46 54.20
iSn 47 27.00
eSb 47 40.00
iSg 47 47.00
i 47 48.30
BUD 4.38 343 iPnc 46 36.00 -0.6
1.1s 195.20nm
ISR 4.43 64 iPc 46 38.00 0.6
CEI 4.50 13 eP 47 05.00 26.6X
CVO 4.51 54 iP 46 39.00 0.4
PSZ 4.66 351 iPnc 46 40.00 -0.8
ORI 4.68 227 ePn 46 40.50 -0.4
eSn 47 36.00
SRO 4.86 339 e(Pn) 46 45.00 1.6
i(Sn) 47 45.00
e(Sg) 48 12.00
VRI 4.87 56 iPd 46 44.00 0.4
BRD 4.91 61 iPc 46 46.00 1.8
SGO 5.01 239 ePn 46 44.50 -1.1
DUI 5.06 253 ePc 46 47.00 0.8
VLS 5.14 183 eP 46 45.60 -1.8
JOS 5.19 357 iPnc 46 47.00 -1.1
0.8s 136.20nm 5.6mb X
CEY 5.24 300 iPn 46 49.80 0.9
i 46 54.00
iSg 48 21.30
DMK 5.26 104 iPn 46 38.80 -10.3X
TLB 5.29 74 iPd 46 42.00 -7.5X
PSN 5.29 84 iPd 46 49.00 -0.5
LJU 5.31 303 iPnc 46 50.90 1.0
4.0s ********nm 6.9mb X
iPb 47 03.40
iSn 47 49.00
iSg 48 23.40
EZN 5.34 129 iPn 46 32.50 -17.8X
SOP 5.34 326 iPnc 46 49.80 -0.4
1.2s 142.60nm 5.5mb X
MFT 5.36 116 iPn 46 50.30 -0.4
CLI 5.55 52 iPc 46 54.00 0.7
ZST 5.57 333 eP 46 52.10 -1.3
i 46 54.20
i 47 00.00
i 47 07.00
AQU 5.61 263 ePn 46 55.50 1.3
eSn 48 33.00
TRI 5.65 298 iPnc 46 55.20 0.5
iSn 47 59.00
iSg 48 30.80
i 48 33.90
i 48 56.60
PRK 5.72 133 iPd 46 55.10 -0.5
ATH 5.74 157 eP 46 48.00 -7.9X
SPC 5.90 356 iPn 46 59.40 1.2
i(Pg) 47 33.20
i(Sn) 48 20.20
POI 5.91 266 P 47 00.00 1.8
VKA 5.91 329 iPnc 46 57.50 -0.7
i 47 04.30
i 47 14.20
i 47 48.60
iSn 48 06.20
i 48 13.70
i 48 36.40
i 48 52.10
EDC 5.97 117 iPn 46 58.50 -0.6
CTT 5.98 109 iPn 46 57.30 -1.9
RBL 6.09 303 P 47 01.00 0.1
MNS 6.13 264 ePn 47 01.00 -0.4
iSn 47 57.50
RDP 6.26 258 P 47 04.00 0.7
KCT 6.34 116 iPn 47 03.30 -1.1
ISK 6.44 108 iP 47 03.30 -2.5
KBA 6.55 308 iPnc 47 07.00 -0.5
iSn 48 19.30
KMR 6.72 317 iPn+ 47 09.60 -0.1
i 48 16.40
KRA 6.78 355 eP 47 10.60 0.1
0.8s 74.00nm 5.7mb X
Z 12s 15.10um
N 12s 9.70um
E 12s 6.80um
i 47 15.40
i 47 21.00
e 48 42.00
IZM 6.87 134 iPc 47 11.50 -0.3
DST 6.87 120 iPn 47 11.10 -0.7
YLV 6.87 111 iPnd 47 09.30 -2.6
CTI 7.16 296 ePn 47 15.70 -0.2
eSn 49 23.00
BHG 7.17 311 ePn 47 16.10 0.1
GIB 7.48 227 ePn 47 19.50 -0.9
eSn 48 43.50
KHC 7.73 321 iPnc 47 23.10 -0.8
0.9s 160.00nm 6.2mb X
e 47 38.00
e 48 51.50
e 49 04.50
SAL 7.79 291 ePn 47 23.20 -1.4
eSn 49 42.50
OGA 7.86 300 eP 47 25.30 -0.5
PRU 7.99 329 Pn 47 25.60 -1.8
Z 14s 4.50um
N 14s 5.00um
E 14s 2.00um
Sn 48 54.50
i 49 07.40
WET 8.07 319 eP 47 27.90 -0.7
GAP 8.09 304 eP 47 29.80 0.8
ALT 8.13 118 iPn 47 28.40 -1.1
KSP 8.17 339 eP 47 29.00 -0.9
1.1s 130.00nm 6.1mb X
ic 47 31.20
iS 49 07.00
FUR 8.31 309 ePn 47 31.70 -0.3
OSS 8.35 298 eP+ 47 33.00 0.3
VDL 8.73 295 ePd 47 38.90 0.9
NPS 8.82 154 eP 47 31.40 -7.6X
CVF 8.88 269 eP 47 38.70 -1.1
0.7s 43.60nm 5.8mb X
BRG 8.93 330 ePn 47 39.10 -1.4
e 48 41.00
e 49 20.00
e 49 46.00
SAX 9.06 300 ePd 47 43.50 0.9
GRF 9.24 317 ePn 47 43.40 -1.4
e 47 44.90
e 48 03.70
e(Sg) 49 29.00
e 49 54.00
HOF 9.35 322 eP 47 45.50 -0.8
BCK 9.40 125 iP 47 47.20 0.1
CLL 9.64 329 iPn 47 49.10 -1.1
1.2s 79.00nm 5.9mb X
iSn 49 35.20
i 50 11.00
eSg 50 55.00
MOX 9.70 322 eP 47 50.00 -1.2
1.4s 124.00nm 6.1mb
iS 49 54.00
ZUL 9.75 300 eP+ 47 52.20 0.3
SLE 9.79 301 ePd 47 52.00 -0.5
STU 9.81 308 ePd 47 53.50 0.8
0.5s 56.34nm 6.2mb X
DIX 10.01 291 ePd 47 56.60 0.8
BUH 10.33 306 eP 47 58.50 -1.4
EMS 10.34 290 ePd 48 00.50 0.4
FRF 10.39 276 eP 47 58.80 -1.9
0.5s 45.50nm 6.1mb X
LMR 10.51 275 eP 48 00.40 -1.8
LRG 10.61 276 eP 48 02.00 -1.6
0.7s 73.40nm 6.1mb X
CDF 10.79 303 eP 48 05.30 -0.9
0.4s 17.10nm 5.7mb X
BSF 10.89 299 eP 48 06.60 -0.9
TNS 10.99 313 ePd 48 07.80 -1.1
eS 50 03.40
HAU 11.23 300 eP 48 10.80 -1.3
0.4s 37.40nm 6.0mb X
WLF 11.99 307 Pc 48 23.00 0.7
i 48 25.40
S 50 33.00
STB 12.06 312 eP 48 23.40 0.1
eS 50 36.00
BNS 12.08 314 eP 48 24.20 0.7
eS 50 30.20
LBF 12.51 293 eP 48 27.40 -2.1
0.9s 37.00nm 5.6mb X
MEM 12.52 311 P 48 30.30 0.9
S 50 44.00
i 50 47.00
SMF 12.55 291 eP 48 28.40 -1.5
0.9s 36.60nm 5.6mb X
ENN 12.65 311 eP 48 31.50 0.4
0.8s 27.00nm 5.5mb X
e 48 38.50
e 48 41.00
LOR 12.65 294 eP 48 29.60 -1.6
0.6s 18.30nm 5.4mb X
SSF 12.85 293 eP 48 32.30 -1.5
0.8s 20.60nm 5.4mb X
WTS 12.87 317 eP 48 35.50 1.5
1.0s 11.00nm 5.0mb X
AVF 12.90 292 eP 48 33.00 -1.6
1.0s 36.20nm 5.5mb X

10d 23h

DOU	13.09	307	Pc	48	38.70	1.7
			S	50	53.20	
GRC	13.18	294	ePc	48	36.30	-1.9
			i	48	40.30	
			i	48	53.10	
BGF	13.21	290	eP	48	37.20	-1.5
	0.6s		20.80nm		5.4mb	X
MZF	13.35	289	eP	48	40.00	-0.6
UCC	13.53	309	P	48	43.20	0.4
			e	48	53.30	
			S	51	07.00	
COP	13.54	339	eP	48	42.00	-0.9
	1.0s		44.00nm		5.4mb	X
TCF	13.62	289	eP	48	43.30	-0.8
CAF	13.65	283	eP	48	47.40	2.9X
LSF	14.08	289	eP	48	50.50	0.3
LFF	14.59	283	eP	48	58.60	1.8
EPF	15.03	276	eP	49	01.90	-0.6
MUD	15.15	334	eP	49	06.00	2.0
HRI	15.33	126	eP	49	12.50	5.9X
LDF	15.55	297	eP	49	13.60	4.4X
FLN	15.81	298	eP	49	16.60	3.9X
	1.0s		60.00nm		4.7mb	
GRR	15.99	296	eP	49	16.40	1.5
JER	16.12	131	eP	49	21.00	4.2X
UPP	16.69	354	iP	49	23.90	0.2
PRNI	17.13	134	eP	49	29.00	-0.4
LGR	17.19	275	eP	49	33.00	2.9X
NUR	17.37	6	iP	49	30.00	-2.2
Z	17s		1.40um			
			LR	57	00.00	
HFS	17.41	348	eP	49	30.60	-2.2
	0.4s		6.40nm		4.1mb	X
Z	12s		3.38um			
			LR	54	49.00	
KONO	17.77	341	eP	49	36.60	-0.6
MSL	18.38	105	eP	49	47.00	2.0
NB2	18.69	345	P	49	44.20	-4.4X
	1.0s		15.30nm		4.2mb	
TOL	18.97	268	eP	49	53.00	0.8
	1.3s		2.00nm		3.2mb	X
EKA	19.66	316	P	49	59.00	-1.1
	1.7s		108.40nm		4.9mb	
SUF	19.68	7	iP	49	59.00	-1.3
	0.6s		28.30nm		4.7mb	
TAB	19.93	97	eP	50	04.00	0.8
TAF	19.96	253	iP	50	03.00	-0.5
DLE	20.70	308	iPc	50	10.40	-0.5
	1.3s		170.00nm		5.3mb	
DMU	21.10	310	eP	50	14.50	-0.5
	1.2s		90.00nm		5.1mb	
KJF	21.28	8	iP	50	16.50	-0.3
	0.8s		92.40nm		5.2mb	
			eS	54	16.00	
KER	22.20	105	eP	50	27.00	0.6
IR2	24.27	98	eP	50	48.00	1.4
AVE	24.28	255	iP	50	48.50	1.9
SOD	24.31	5	iP	50	47.30	0.8
TEH	24.59	98	eP	50	52.00	2.3
KEV	26.69	5	iP	51	08.90	0.0
	0.5s		11.20nm		4.8mb	
			eS	56	08.00	
MHI	30.24	90	iPd	51	42.10	0.7
DAG	37.39	346	iPc	52	42.10	-0.3
	1.2s		12.50nm		4.6mb	
QUE	38.66	94	eP	52	54.00	0.1
BCAO	38.77	184	eP	52	54.30	-0.3
	1.3s		61.27nm		5.2mb	
			pP	55	06.10	
YIC	43.19	219	iP	53	31.20	0.3
ALE	46.47	350	ePd	53	56.90	0.4
	0.9s		10.00nm		4.8mb	
NAI	46.62	158	eP	54	02.10	3.5X
	2.0s		164.71nm		5.7mb	
NDI	46.98	89	iPd	54	01.00	-0.1
FRB	52.03	326	eP	54	41.00	1.4
DMN	53.33	85	eP	54	50.40	0.4
	1.0s		86.00nm		5.7mb	
KKN	53.35	85	eP	54	50.00	-0.2
PKI	53.57	85	eP	54	51.70	-0.2
	0.9s		31.00nm		5.3mb	
HYB	54.80	99	eP	54	58.00	-2.6X
SCH	54.95	315	eP	55	01.00	-0.3
GBA	56.54	104	Pc	55	11.40	-1.7
	1.1s		35.30nm		5.3mb	
MBC	58.04	350	eP	55	23.00	-0.1
	0.7s		15.00nm		5.1mb	
LSZ	58.68	172	iPd	55	27.80	-0.4
	1.4s		35.70nm		5.3mb	
KOD	58.88	106	eP	55	28.00	-2.0
MTD	60.59	168	eP	55	42.00	0.7
MIM	61.05	306	P	55	43.00	-1.2
LZH	61.72	66	Pd	55	50.00	0.9
	1.7s		80.00nm		5.6mb	
BUL	63.53	172	iPc	56	01.70	0.7
OTT	64.82	309	eP	56	10.00	0.9
INK	67.08	350	ePd	56	22.70	-0.5
KMI	67.49	76	eP	56	26.50	-0.3
YKC	68.66	340	eP	56	34.00	0.8
	1.0s		20.00nm		5.2mb	
YKA	68.68	340	eP	56	33.90	0.6
CHTO	68.74	84	iPd	56	34.00	-0.3
	1.3s		44.93nm		5.5mb	
Z	20s		0.43um		4.7Msz	
RSON	70.37	322	P	56	44.00	0.1
	0.7s		23.34nm		5.4mb	
FFC	70.93	329	iPd	56	47.60	0.4
	1.3s		27.00nm		5.2mb	
COL	71.77	355	iP.	56	53.10	1.1
	1.1s		24.05nm		5.2mb	
ITR	74.67	242	eP	57	10.50	0.8
PMR	75.14	355	P	57	12.00	0.3
	1.2s		30.30nm		5.2mb	
EDM	76.13	334	ePd	57	18.00	0.4
SOB1	76.61	243	eP	57	22.90	2.1
	1.0s		5.10nm		4.5mb	
			e	57	27.90	
RSCP	76.88	307	P	57	23.00	0.9
FVM	77.94	311	P	57	27.80	0.0
RSSD	80.04	323	P	57	40.30	0.9
	1.3s		24.19nm		5.0mb	
PNT	81.49	335	iP	57	48.00	1.3
	0.7s		11.00nm		5.0mb	
NEW	81.62	333	eP	57	48.00	0.6
RLO	81.77	313	eP	57	49.10	0.7
LRM	82.07	329	eP	57	51.50	1.4
TUL	82.37	313	eP	57	52.90	1.4
	1.4s		93.00nm		5.7mb	
Z	18s		0.23um		4.6Msz	
BHO	83.02	311	eP	57	56.70	1.8
BDW	83.48	326	P	57	57.30	-0.2
	1.2s		16.52nm		5.1mb	
BAO	85.99	244	eP	58	13.80	3.7X
BMN	88.48	329	P	58	24.30	2.3
NOU	144.61	65	iPKPc	05	05.00	-1.6
	S.D. = 1.1		on 198 of 217 obs.			

? MAY 11, 1985 00h 30m 33.83± 6.60s
45.923 N ±22.2km 26.112 E ±17.6km
DEPTH = 216.5 ± 58.5 km
ROMANIA (358)

CVO	0.11	157	iPc	31	02.00	0.4
VRI	0.43	97	iPc	31	02.00	-0.2
MLR	0.45	195	iPc	31	03.00	0.6
ODB	0.68	102	iP	31	03.00	-0.8
BRD	0.77	121	iPc	31	04.00	-0.3
MSR	0.91	278	iPd	31	04.00	-1.1
CLI	1.03	52	iPc	31	07.00	1.2
COZ	1.38	245	iPc	31	14.00	5.5X
BUC1	1.58	182	iPd	31	10.05	0.1
CGN	1.76	183	iPc	31	12.50	0.9
TLB	1.90	134	iPd	31	12.00	-0.9
	S.D. = 1.0		on 10 of 11 obs.			

? MAY 11, 1985 01h 03m 05.52± 4.67s
31.391 S ±29.0km 68.636 W ±32.2km
DEPTH = 112.9 ± 33.7 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.15	67	iPd	03	21.70	0.0
			S	03	33.30	
RTCB	0.17	236	iPd	03	21.80	0.0
			S	03	33.80	
CFA	0.40	123	iPd	03	22.50	0.1
			S	03	34.70	
RTCV	0.48	170	iPd	03	22.70	-0.1
			S	03	35.40	
MDZ	1.50	187	iP	03	33.00	0.0
			iS	03	53.30	
TCA	3.46	90	iPd	03	58.60	0.0
			S	04	37.00	
	S.D. = 0.1		on 6 of 6 obs.			

& MAY 11, 1985 01h 03m 18.90s
37.460 N 118.610 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.3 (PAS).

TIN	0.51	143	iPc	03	28.10	-1.0
			eS	03	34.80	
FRI	0.99	242	eP	03	37.30	-0.8
MNA	1.04	20	iP	03	38.10	-0.8
CWC	1.11	157	iPd	03	38.80	-1.3
			eS	03	52.70	
JAS1	1.51	289	eP	03	46.30	-0.2
VPEM	1.64	157	eP	03	48.00	-0.5
WKTM	1.67	175	iP	03	49.00	0.1
SLD	2.12	260	eP	03	56.00	0.7
EUR	2.89	45	iP	04	11.50	4.9
	9 obs. associated					

? MAY 11, 1985 01h 19m 40.30± 1.66s
6.005 S ±17.6km 151.786 E ±25.7km
DEPTH = 33.0km (normal)
3.6mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.84	12	iPc	20	10.20	0.0
	0.4s		745.76nm			
LMG	4.62	231	eP	20	49.00	-0.7
LAT	4.80	262	eP	20	52.00	-0.2
PMG	5.70	233	eP	21	06.00	1.1
WB2	21.89	229	eP	24	31.70	-0.7
WRA	21.90	229	P	24	33.00	0.5
	0.6s		1.40nm		3.6mb	
	S.D. = 0.9		on 6 of 6 obs.			

• MAY 11, 1985 01h 24m 16.60± 1.25s
5.811 S ±18.6km 151.188 E ± 7.9km
DEPTH = 57.1 ± 16.4 km
3.8mb (1 obs.)
NEW BRITAIN REGION (192)

BGA	3.98	95	eP	25	17.00	0.3
			eS	26	10.00	
LAT	4.25	258	eP	25	20.00	-0.3
LMG	4.31	224	iPd	25	20.50	-0.8
PAA	4.31	97	eP	25	21.00	-0.2
			eS	26	12.00	
ALOA	4.53	190	eP	25	24.00	-0.2
PMG	5.36	228	iPc	25	37.40	1.4
WB2	21.57	228	eP	29	03.20	-0.1
WRA	21.58	228	Pc	29	03.40	0.0
	0.3s		1.40nm		3.8mb	
	S.D. = 0.8		on 8 of 8 obs.			

MAY 11, 1985 01h 27m 27.83± 0.32s
6.870 S ± 6.5km 117.065 E ± 6.6km
DEPTH = 33.0km (normal)
5.1mb (14 obs.) 4.6Msz (2 obs.)
BALI SEA (278)

DNP	2.57	226	ePd	29	08.00	60.0X
MKS	2.90	56	iPd	28	12.00	-0.7
			iS	28	57.00	
TRT	4.47	259	iPd	28	33.60	-1.5
			iS	29	22.70	
BKB	5.55	358	ePc	29	02.00	11.6X
LEM	9.38	270	ePd	29	48.00	4.0X
	1.0s		20.00nm		5.3mb	
			eS	33	10.00	
MBL	14.46	170	eP	30	52.00	-0.1
	0.3s		8.00nm		4.7mb	
			eS	33	17.00	
KNA	14.47	129	eP	30	50.00	-2.3
MTN	15.07	114	eP	30	58.00	-2.2
NAU	15.66	185	iPc	31	05.90	-1.8
			eS	33	48.00	
DAV	16.26	32	ePc	31	20.00	4.6X
			eS	34	30.00	
KGM	16.31	302	ePc	31	21.00	4.8X
			e	35	43.00	
PPI	17.80	290	ePd	31	36.50	1.7
	0.8s		10.00nm		4.0mb	X
IPM	19.64	305	ePd	31	56.80	-0.1
PSI	20.45	297	ePc	32	06.00	0.7
	1.1s		162.20nm		5.3mb	
WBN	21.20	156	eP	32	14.00	1.0
WRA	21.21	129	Pd	32	11.30	-1.9

0.8s 28.70nm 4.7mb
WB2 21.22 129 eP 32 12.50 -0.8
OCP 21.73 11 eP 32 10.00 -8.4X
ASPA 23.25 138 eP 32 34.00 0.6
1.1s 97.00nm 5.2mb
eS 36 48.00
BAG 23.39 9 eP 32 34.00 -0.9
eS 36 48.00
BAL 23.62 181 eP 32 40.00 3.2X
TZZ 24.07 88 eP 32 42.00 0.5
KLB 24.60 179 eP 32 50.00 3.6X
ISO 25.76 125 eP 32 59.00 1.5
e 36 35.00
NWAO 25.93 180 eP 33 00.00 1.1
RKG 27.07 180 eP 33 09.00 -0.3
MDG 28.60 88 eP 33 29.00 5.6X
LAT 29.73 91 eP 33 17.00 -16.6X
PMG 29.89 97 iPc 33 32.20 -2.8
MOM 30.61 82 eP 33 25.00 -16.4X
CHTO 31.15 325 eP 33 46.80 0.7
1.0s 6.50nm 4.4mb
CTA 31.21 118 iPd 33 50.10 3.5X
1.0s 20.00nm 4.9mb
STK 33.80 141 eP 34 10.00 0.9
ADE 34.33 148 iPd 34 17.20 3.5X
KMI 34.72 337 eP 34 18.50 1.2
RMO 35.91 127 eP 34 29.00 1.8
BFD 38.05 146 eP 34 48.00 3.0X
YOU 39.73 138 eP 35 01.30 2.1
SHL 40.48 324 iP 35 05.50 -0.1
CAN 40.76 139 eP 35 09.70 2.1
WAM 41.21 140 eP 35 13.80 2.6
GBA 44.29 297 Pc 35 35.10 -1.5
1.1s 18.10nm 4.8mb
LZH 44.50 345 eP 35 38.50 0.3
HYB 45.06 303 ePc 35 42.00 -0.8
1.0s 50.00nm 5.4mb
PKI 45.93 320 eP 35 50.20 0.3
1.1s 29.00nm 5.1mb
DMN 46.15 319 eP 35 52.00 0.4
0.9s 47.00nm 5.4mb
KKN 46.16 320 eP 35 52.00 0.4
1.0s 42.00nm 5.3mb
BJI 46.68 359 eP 35 55.00 -0.2
MAT 47.52 23 eP 36 02.00 0.0
1.3s 19.23nm 5.0mb
Z 20s 0.53um 4.5Msz
eS 43 10.00
NDI 52.19 315 eP 36 35.00 -2.8
OUE 60.54 310 eP 37 36.80 -1.0
MNG 61.78 133 eP 37 45.10 -0.7
MHI 68.89 313 eP 38 32.20 0.2
[illegible] 75.06 310 eP 39 08.00 -0.6
[illegible] 75.39 170 e(P) 39 07.30 -2.3
NAI 80.18 270 eP 39 42.00 4.5X
1.0s 20.00nm 5.1mb
BUI 86.22 250 iPc 40 08.00 -0.1
LSZ 87.14 255 iPd 40 11.50 -1.1
YKC 113.09 23 ePKP 46 03.00 -0.1
0 7s 6.00nm
LRM 122.39 39 ePKP 46 23.00 1.3
ALQ 131.24 49 ePKP 46 41.00 2.0
1 0s 4.50nm
JCT 138.22 51 ePKP 46 41.00 -11.2X
0 9s 6.30nm
TUL 138.29 41 ePKP 46 53.00 0.9
0 8s 7.90nm
Z 22s 0.13um 4.6Msz
RLO 138.63 41 ePKP 46 52.60 -0.1
BHO 139.79 43 e(PKP)46 50.80 -4.0X
VAO 146.45 207 e(PKP)47 09.00 2.2
ITR 151.05 238 ePKP 47 20.00 6.0X
1.2s 9.70nm
SCB1 152.84 234 ePKP 47 24.60 8.0X
0.7s 1.90nm
e 47 35.30
S.D. = 1.4 on 49 of 68 obs.

MAY 11, 1985 01h 32m 11.79± 0.50s
5.529 S ± 8.4km 150.907 E ± 7.0km
DEPTH = 33.0km (normal)
5.1mb (4 obs.)
NEW BRITAIN REGION (192)

BGA 4.30 98 eP 33 15.00 -1.6
eS 34 10.00
LMG 4.33 219 iPd 33 16.00 -1.2
PAA 4.62 100 eP 33 20.00 -1.3
eS 34 15.00
ALOA 4.77 186 eP 33 20.50 -2.7X
VSG 9.48 113 P 34 32.00 2.8X
SVO 9.54 113 eP 34 31.00 1.0
CTA 15.16 197 iPd 35 51.50 6.2X
1.2s 146.88nm 5.1mb
KOU 19.80 140 iPc 36 44.30 1.8
RMO 20.94 185 eP 36 54.00 -0.4
WB2 21.55 227 eP 36 59.70 -0.9
WRA 21.56 227 Pc 36 59.80 -0.9
0.9s 36.30nm 4.8mb
NOU 22.45 139 iPc 37 12.00 2.5X
KNA 23.99 243 eP 37 24.00 -0.5
STK 27.63 197 eP 38 00.00 1.6
0.8s 32.00nm 5.0mb
YOU 28.70 184 eP 38 09.50 1.4
CAN 29.70 183 eP 38 20.10 3.0X
WAM 30.57 183 eP 38 28.50 3.8X
BFD 32.41 193 eP 38 43.00 2.1X
TAU 37.36 184 iPd 39 26.90 3.8X
KRP 39.27 149 P 39 43.00 3.8X
KLB 40.44 226 eP 39 48.00 -0.9
TCW 41.22 153 P 39 58.70 3.6X
i 40 00.90
MSZ 41.73 162 P 40 05.00 5.7X
RKG 42.33 223 iPd 40 10.00 5.5X
WHN 50.10 318 eP 41 07.50 1.6
TIA 52.21 325 eP 41 22.00 0.2
KMI 55.85 305 eP 41 50.00 1.0
XAN 55.87 318 P 41 49.70 0.9
CD2 57.80 312 eP 42 00.60 -2.0
LZH 60.45 317 eP 42 21.50 0.5
SBA 72.76 177 e(P) 43 38.80 0.6
COL 83.26 22 eP 44 40.00 3.9X
SPA 84.51 180 e(P) 44 46.70 4.1X
INK 89.81 21 eP 45 07.00 -1.1
YKA 96.95 28 eP 46 04.00 23.1X
FFC 104.35 35 ePdiff46 23.00 8.7X
0.8s 7.00nm 5.6mb
BAO 151.85 139 e(PKP)51 54.00 -5.3X
S.D. = 1.3 on 20 of 37 obs.

? MAY 11, 1985 01h 44m 39.01± 7.21s
6.256 S ±46.8km 150.919 E ±47.1km
DEPTH = 77.1 ± 22.0 km
3.9mb (1 obs.)
NEW BRITAIN REGION (192)

LMG 3.81 226 iPc 45 36.00 -0.6
LAT 3.91 264 eP 45 38.00 0.0
ALOA 4.05 188 eP 45 40.00 0.1
PMG 4.87 230 iPc 45 52.00 0.6
WB2 21.08 228 eP 49 19.00 0.0
WRA 21.08 228 Pd 49 19.10 0.0
0.4s 2.50nm 3.9mb
S.D. = 0.6 on 6 of 6 obs.

% MAY 11, 1985 02h 13m 04.09± 1.83s
45.227 N ±14.4km 3.048 E ±12.5km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.2 (LDG).

CAF 0.76 247 Pg 13 18.40 -0.6
Sg 13 29.00
MZF 1.04 342 Pg 13 22.90 -0.8
Sg 13 37.10
RJF 1.08 275 Pg 13 25.00 0.5
Sg 13 40.20
TCF 1.21 331 Pg 13 26.10 -0.6
Sg 13 42.60
LSF 1.48 314 Pg 13 31.50 0.8
Sg 13 52.20
SMF 1.52 21 Pg 13 29.50 -1.9
Sg 13 49.20
SSF 1.86 10 Pg 13 36.90 0.6
Sg 14 00.90
LBF 1.87 20 Pg 13 36.80 0.3
Sg 14 00.20
LOR 2.12 15 Pg 13 41.60 1.6
Sg 14 09.00
S.D. = 1.2 on 9 of 9 obs.

& MAY 11, 1985 02h 22m 42.70s
31.880 N 115.850 W
DEPTH = 6.0km (geophysicist)

BAJA CALIFORNIA (48)
<PAS-P>. ML 3.6 (PAS).

IKP 0.80 344 eP 22 57.60 -1.0
eS 23 08.10
CPE 1.45 314 eP 23 08.60 -0.9
GLA 1.45 36 e(P) 23 06.50 -3.1
SLBC 1.64 313 eP 23 13.60 1.5
eS 23 34.10
SDW 2.91 340 e(P) 23 30.00 -0.5
5 obs. associated

MAY 11, 1985 04h 02m 46.06± 0.75s
5.290 S ±10.4km 150.893 E ± 6.6km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
NEW BRITAIN REGION (192)

BGA 4.35 102 eP 03 52.00 0.3
LMG 4.51 217 eP 03 53.00 -1.0
PAA 4.68 103 eP 03 56.00 -0.4
MOM 4.75 313 eP 03 57.00 -0.2
MDG 5.09 270 eP 04 06.00 3.9X
PMG 5.52 222 eP 04 08.50 0.4
CTA 15.39 197 iP 06 30.40 7.9X
WB2 21.71 226 eP 07 36.80 0.4
WRA 21.71 226 Pc 07 36.90 0.4
0.7s 6.30nm 4.1mb
S.D. = 0.7 on 7 of 9 obs.

• MAY 11, 1985 04h 26m 16.61± 3.76s
33.114 S ±10.0km 72.130 W ±28.5km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

ROCH 0.95 82 iPd 26 35.00 0.1
iS 26 44.50
LNV 1.03 145 iPd 26 36.30 0.2
iS 26 50.00
TACH 1.13 119 iPc 26 37.60 -0.3
iS 26 52.00
SAN 1.28 106 iP 26 40.50 0.2
iS 26 58.00
JACH 1.36 72 iPc 26 41.50 -0.2
iS 27 00.30
BACH 1.39 100 iPd 26 42.00 -0.1
PCH 1.44 111 iP 26 42.60 -0.3
CHCH 1.48 124 iPc 26 43.30 0.0
FCH 1.56 98 iPd 26 44.80 0.1
iS 27 06.60
MDZ 2.77 86 eP 27 08.90 7.0X
iS 27 46.40
TCA 6.63 77 ePd 27 56.80 0.2
S 29 16.30
S.D. = 0.2 on 10 of 11 obs.

• MAY 11, 1985 05h 44m 54.55± 2.02s
9.551 N ±22.7km 62.455 W ±21.1km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
NEAR COAST OF VENEZUELA (97)

CAR 4.51 283 ePn 46 02.20 -0.2
BIM 5.12 15 eP 46 11.17 0.2
MVM 5.20 17 eP 46 12.83 0.7
FDF 5.31 14 eP 46 13.99 0.3
CRM 5.39 16 eP 46 14.83 0.1
BOG 12.52 248 eP 47 54.50 0.9
ALQ 47.40 309 eP 53 28.50 0.4
1.0s 2.75nm 4.2mb
YKC 64.66 336 eP 55 30.00 -1.1
YKA 64.72 336 eP 55 30.80 -0.7
INK 74.20 339 eP 56 29.00 -0.5
S.D. = 0.7 on 10 of 10 obs.

MAY 11, 1985 07h 09m 40.44± 0.81s
31.738 S ± 9.6km 67.792 W ± 6.4km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.40 289 iPd 69 49.00 0.3
S 09 55.00
RTCV 0.65 259 iPd 09 53.00 -0.4
S 10 02.00
RTLL 0.71 305 ePd 09 54.30 -0.1
S 10 04.60
RTCB 0.90 286 ePd 09 57.80 0.1

11d 07h

			S	10	10.00	
MDZ	1.45	218	eP	10	26.20	19.4X
TCA	2.76	83	ePd	10	25.60	-0.1
			S	11	05.50	
RFA	3.08	190	eP	10	30.20	0.2
			S	11	16.70	

S.D. = 0.3 on 6 of 7 obs.

MAY 11, 1985 07h 29m 59.29± 0.50s
39.153 N ± 5.0km 20.752 E ± 3.5km
DEPTH = 13.0 ± 2.9 km
4.3mb (5 obs.)
GREECE-ALBANIA BORDER REGION (392)
ML 4.1 (ATH). Felt in the Prevezo-Arto oreo.

VLS	0.98	188	ePb	30	16.30	-1.4
KZN	1.39	34	ePb	30	23.90	-0.6
LIT	1.64	54	ePbc	30	28.10	0.1
			eSb	30	52.50	
OHR	1.96	1	iPn	30	34.20	1.7
GRG	2.20	35	ePnc	30	36.60	0.5
			eSn	31	06.30	
THE	2.25	48	ePn	30	37.70	0.9
			eSn	31	07.00	
PAIG	2.39	70	ePnd	30	37.50	-1.2
			eSn	31	06.90	
LCI	2.46	300	ePn	30	39.00	-0.7
VAY	2.57	32	iPn	30	42.40	1.1
KNT	2.59	39	ePnc	30	42.20	0.6
			eSn	31	15.30	
SOH	2.60	49	ePn	30	42.30	0.5
			eSn	31	16.70	
ATH	2.61	116	ePn	30	44.30	2.5
			eSb	31	26.30	
			eSg	31	30.50	
OUR	2.76	64	iPnc	30	43.40	-0.5
			eSn	31	17.50	
SKO	2.86	10	iPn	30	47.00	1.5
			iPg	30	54.40	
			iSn	31	18.70	
SRS	2.93	47	ePnc	30	46.10	-0.3
			eSn	31	24.10	
ULC	3.03	338	ePn	30	48.00	0.2
BRT	3.22	303	ePn	30	52.00	1.5
			eSn	31	30.00	
MMB	3.33	42	eP	30	52.00	-0.1
			iS	31	22.00	
ORI	3.44	286	ePn	30	54.50	0.9
			e(Sn)	31	38.00	
TTG	3.46	341	ePn	30	53.60	-0.3
			eSn	31	34.00	
HCY	3.71	333	ePn	30	56.50	-1.0
			eSn	31	40.50	
VTS	3.91	28	iPc	31	02.00	1.7
			iPg	31	10.00	
BRY	4.10	337	ePn	31	02.10	-1.0
			eSn	31	49.50	
PLD	4.21	44	eP	31	06.00	1.4
PRK	4.29	87	ePn	31	06.10	0.4
KDZ	4.30	53	iP	31	05.00	-0.9
EZN	4.36	79	ePn	31	06.50	-0.2
DIM	4.68	50	eP	31	11.00	-0.2
IZM	5.14	96	ePn	31	17.50	-0.3
PVL	5.20	38	eP	31	20.00	1.4
MFT	5.27	70	ePn	31	19.00	-0.8
GIB	5.41	260	e(Pn)	31	23.50	1.9
			eSn	32	09.00	
DUI	5.42	390	iPnd	31	22.50	0.8
NPS	5.49	134	ePn	31	23.50	0.8
JMB	5.53	51	eP	31	24.00	0.8
KCT	5.97	77	ePn	31	28.00	-1.4
DMK	5.97	61	ePn	31	27.80	-1.6
DST	6.12	83	iPn	31	32.00	0.4
AQU	6.43	302	ePn	31	36.50	0.5
YLV	6.78	75	ePn	31	48.00	7.0X
MNS	6.93	300	ePn	31	43.80	0.9
ALT	7.28	88	ePn	31	48.10	0.1
JOS	9.34	359	ePd	32	13.30	-3.2X
KBA	9.59	328	iPc	32	17.30	-2.8
			i	32	28.00	
			e	34	02.00	
KHC	11.22	335	eP	32	32.50	-9.8X
CLL	13.32	338	e(P)	33	24.00	13.7X
MEM	15.47	323	P	33	44.50	5.9X
HFS	21.47	350	eP	34	45.80	-3.5X
	0.6s		6.60nm			4.2mb
NUR	21.52	5	eP	34	49.00	-0.7
NB2	22.70	348	P	34	57.90	-3.7X
	0.7s		3.00nm			3.9mb
EKA	22.75	323	Pd	35	00.80	-1.2
	0.7s		11.40nm			4.5mb
SUF	23.82	6	iP	35	10.70	-1.7
	0.8s		7.20nm			4.3mb
KJF	25.42	7	iP	35	25.00	-2.8
	0.8s		17.60nm			4.8mb
KIC	39.93	222	eP	37	33.90	-1.0
YKA	72.54	340	eP	41	28.70	1.4

S.D. = 1.2 on 48 of 55 obs.

• MAY 11, 1985 07h 49m 08.55± 1.45s
5.931 S ±16.1km 151.753 E ±23.1km
DEPTH = 33.0km (normal)
3.7mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.78	14	eP	49	37.50	0.0
LMG	4.64	230	eP	50	18.00	-0.3
LAT	4.78	261	eP	50	20.00	-0.1
PMG	5.72	233	eP	50	34.00	0.6
MOM	5.81	311	eP	50	31.00	-3.7X
CTA	15.05	200	iP	53	08.70	28.1X
	0.9s		10.92nm			
WB2	21.91	229	eP	54	00.70	-0.2
			eS	56	34.20	
WRA	21.92	229	Pd	54	01.00	0.0
	0.7s		2.30nm			3.7mb

S.D. = 0.4 on 6 of 8 obs.

• MAY 11, 1985 07h 57m 20.81± 1.21s
6.140 S ±10.1km 151.483 E ± 9.8km
DEPTH = 32.5 ± 10.3 km
4.2mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	2.05	19	iPc	57	54.20	0.5
BGA	3.68	90	eP	58	19.00	2.1X
			eS	59	04.00	
PAA	3.99	93	eP	58	21.00	-0.3
			eS	59	17.00	
LMG	4.30	230	iPc	58	25.00	-0.8
LAT	4.48	263	ePc	58	33.00	4.7X
PMG	5.38	233	eP	58	41.00	0.1
MOM	5.76	315	eP	58	47.00	0.7
RMQ	20.40	187	iPd	01	59.20	1.3
WB2	21.57	229	eP	02	08.40	-1.4
WRA	21.58	229	Pc	02	09.30	-0.6
	0.6s		6.10nm			4.2mb
ASPA	24.28	222	eP	02	38.00	1.5
COL	83.61	22	eP	09	45.00	-2.0
INK	90.17	21	eP	10	18.00	-0.8
YKA	97.22	28	eP	10	52.00	0.8
YKC	97.28	28	eP	10	53.00	1.5

S.D. = 1.3 on 13 of 15 obs.

• MAY 11, 1985 08h 46m 55.90± 1.74s
12.961 N ±19.4km 89.522 W ±13.0km
DEPTH = 67.1 ± 12.5 km
4.5mb (5 obs.)
OFF COAST OF CENTRAL AMERICA (76)
Felt (III) at San Salvador, El Salvodor.

SSS	0.78	24	iPd	47	11.60	-0.2
			eS	47	21.60	
COM	4.13	323	iP	48	10.00	11.8X
PBJ	6.66	302	iP	48	32.00	-1.3
VHO	8.16	302	eP	48	56.00	1.8
TPM	10.95	304	eP	49	35.00	2.6X
OXM	11.62	304	iP	49	44.50	3.0X
JCT	19.86	333	eP	51	23.00	-1.2
	1.1s		7.59nm			3.9mb
BHO	21.87	348	e(P)	51	47.00	2.4X
	0.4s		9.40nm			4.6mb
TUL	23.54	347	eP	52	02.40	1.5
	0.9s		13.30nm			4.4mb
Z	21s		0.16um			3.5Msz
			e	52	27.50	
RLO	23.63	349	e(P)	52	02.90	1.1
YKC	52.56	346	eP	56	04.00	-0.5
YKA	52.60	346	eP	56	04.20	-0.6
SOB1	53.08	112	eP	56	09.30	0.3
	0.8s		4.00nm			4.5mb
ITR	55.15	110	eP	56	24.20	0.0
	1.3s		14.10nm			4.8mb
INK	62.11	343	eP	57	11.00	-0.7
GBA	150.61	27	PKPc	06	43.40	6.5X
	0.8s		9.30nm			

S.D. = 1.3 on 11 of 16 obs.

MAY 11, 1985 08h 57m 15.05± 0.40s
36.622 N ± 3.1km 117.124 W ± 3.9km
DEPTH = 5.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
ML 3.1 (PAS).

MCA	0.13	282	iP	57	18.50	0.8
PGE	0.28	170	iP	57	21.50	0.8
FMT	0.28	86	iP	57	21.20	0.5
QSM	0.69	162	iP	57	28.90	0.1
CWC	0.79	257	iPd	57	30.60	-0.4
			eS	57	40.60	
VPEM	0.87	220	iP	57	32.20	-0.2
CLC	0.89	206	iPd	57	32.50	-0.1
TIN	0.99	296	eP	57	34.40	0.1
			eS	57	50.90	
PPK	1.02	322	eP	57	34.70	-0.2
SVP	1.22	334	eP	57	38.40	0.0
WKTM	1.35	233	eP	57	40.00	-0.5
MNA	1.99	336	eP	57	49.60	-0.2
SDW	2.01	179	eP	57	49.20	-0.9
FRI	2.11	281	P	57	51.00	-0.4
JAS1	2.93	297	P	58	05.00	1.8
EUR	3.00	17	iP	58	04.00	-0.3
BMN	3.80	359	P	58	15.00	-0.7

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

& MAY 11, 1985 08h 59m 23.80s
36.158 N 120.280 W
DEPTH = 5.0km (geophysicist)
3.9mb (2 obs.)
CENTRAL CALIFORNIA (39)
<BRK>. ML 4.0 (BRK), 4.4 (PAS). MO=2.8•10••22 (BRK). Felt (IV) at Avenal and Huron. Also felt in the Coolingo oreo.

PRI	0.31	267	iPc	59	30.00	-0.1
PHAM	0.34	197	P	59	30.80	0.2
LLA	0.70	311	iPd	59	36.10	-1.8
PRS	0.90	281	iPc	59	39.40	-2.1
FRI	0.95	29	iPd	59	39.60	-2.8
SAO	1.12	303	iPc	59	42.80	-2.4
SLD	1.19	321	P	59	43.50	-2.9
WKTM	1.53	103	P	59	49.20	-2.8
ARN	1.56	320	P	59	48.90	-3.3
BLP	1.60	184	P	59	50.00	-2.8
MHC	1.61	318	iPc	59	49.80	-3.3
GCC	1.63	303	iPc	59	49.70	-3.6
JAS1	1.77	356	iPd	59	52.40	-2.9
CWC	1.80	80	iPd	59	53.80	-2.1
TIN	1.88	61	iPd	59	55.30	-1.7
VPEM	2.01	95	P	59	57.00	-1.9
BKS	2.32	318	iPc	00	00.20	-3.1
			iS	00	34.00	
BRK	2.33	318	ePc	00	00.20	-3.2
ZSP	2.38	319	iPc	00	01.30	-2.8
MNA	2.83	36	iPd	00	08.90	-1.8
SDW	3.04	120	P	00	09.40	-4.2
WCN	3.17	7	P	00	13.00	-2.5
ORV	3.53	344	iPc	00	18.00	-2.4
SLBC	4.01	141	eP	00	36.80	9.6
			eS	01	35.00	
BMN	4.90	28	P	00	37.30	-2.7
LRM	11.32	29	eP	02	09.30	-0.1
ALQ	11.33	92	eP	02	05.00	-4.6
EDM	17.74	14	ePd	03	31.20	-1.9
JCT	18.02	102	eP	03	34.10	-2.5
	1.0s		6.00nm			3.7mb
RLO	20.38	82	eP	04	02.00	-2.1
BHO	20.81	87	eP	04	05.50	-3.0
FFC	22.45	28	eP	04	21.00	-3.9
	0.8s		6.00nm			4.1mb
YKA	26.60	6	eP	05	05.30	0.8
INK	33.03	351	eP	06	03.00	1.3

34 obs. associated

• MAY 11, 1985 09h 20m 04.73± 1.02s
6.182 S ± 9.7km 151.403 E ± 9.8km
DEPTH = 39.6 ± 13.3 km
4.2mb (1 obs.)

NEW BRITAIN REGION (192)

RAB	2.12	21	e(P)	20	38.00	-0.5
BGA	3.76	90	eP	21	02.00	0.1
			eS	21	44.00	
LMG	4.21	230	eP	21	07.00	-1.3
LAT	4.40	264	eP	21	17.00	6.1X
PMG	5.29	232	eP	21	23.50	0.1
MDG	5.67	279	eP	21	35.00	6.2X
MOM	5.73	316	eP	21	31.00	1.4
RMO	20.35	187	iPc	24	42.10	1.5
WB2	21.48	229	eP	24	50.80	-1.4
WRA	21.49	229	Pd	24	52.30	0.0
	1.2s	13.90nm			4.2mb	
ASPA	24.20	222	eP	25	20.00	1.1
COL	83.68	22	eP	32	29.00	-1.4
YKA	97.29	28	eP	33	35.00	0.4

S.D. = 1.3 on 11 of 13 obs.

% MAY 11, 1985 10h 02m 21.21± 0.77s
41.019 N ± 6.3km 28.569 E ± 6.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

CTT	0.17	321	iPg	02	24.90	-0.1
			iSg	02	26.90	
ISK	0.37	83	iPg	02	28.90	0.0
			iSg	02	35.90	
KCT	0.79	192	ePn	02	36.90	0.4
EDC	0.86	219	ePn	02	36.70	-1.1
DMK	1.01	323	iPn	02	40.30	0.0
KGT	1.12	240	iPn	02	42.90	0.8

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

? MAY 11, 1985 10h 04m 59.54± 6.02s
39.358 N ±46.2km 22.892 E ±12.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT	0.80	337	ePgc	05	14.70	-0.5
			eSg	05	28.90	
PAIG	0.83	47	ePgd	05	16.30	0.7
			eSg	05	29.60	
THE	1.27	3	ePb	05	22.60	-0.6
			eSb	05	41.00	
OUR	1.29	40	ePbd	05	23.20	-0.2
			eSb	05	42.10	
SOH	1.50	13	ePbc	05	27.50	0.9
			eSb	05	48.50	
GRG	1.64	347	ePb	05	28.60	0.1
			eSb	05	50.40	
KNT	1.80	0	ePbd	05	31.20	0.3
			eSb	05	54.60	
SRS	1.84	17	ePn	05	31.50	0.1
			eSn	05	55.80	
VAY	1.98	353	iPn	05	33.50	0.1
MMB	2.32	16	iPc	05	38.00	-0.4
			iS	06	08.00	
OHR	2.37	318	ePn	05	46.20	7.0X
KDZ	2.95	39	iP	05	46.00	-1.3
VTS	3.25	4	eP	05	52.00	0.5
PVI	4.16	24	eP	06	54.00	49.6X

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

MAY 11, 1985 10h 10m 49.14± 0.57s
5.808 S ± 8.7km 151.312 E ± 6.1km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.82	28	iPd	11	17.90	-0.8
BGA	3.86	95	eP	11	48.00	0.2
			eS	12	34.00	
PAA	4.18	97	eP	11	53.00	0.6
			eS	12	43.00	
LAT	4.37	259	eP	12	00.00	5.1X
MOM	5.40	314	eP	12	10.00	0.4
PMG	5.46	229	eP	12	11.00	0.7
MDG	5.53	275	eP	12	12.00	0.6
VSG	9.00	113	P	13	04.00	4.0X
SVO	9.06	112	P	13	14.00	13.3X
HNR	9.28	113	(P)	13	21.00	17.2X
RMO	20.71	186	eP	15	21.00	-8.3X
WB2	21.66	228	iPc	15	37.70	-1.3
WRA	21.67	228	Pc	15	38.50	-0.6
	0.7s	5.20nm			4.1mb	
WBN	31.09	227	eP	17	07.00	0.2

S.D. = 0.8 on 9 of 14 obs.

MAY 11, 1985 10h 16m 41.54± 0.83s
5.547 S ± 6.1km 152.755 E ± 5.7km
DEPTH = 31.9 ± 6.4 km
4.9mb (7 obs.) 4.8Msz (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.47	337	eP	17	07.00	1.0
BGA	2.49	104	iPd	17	20.20	-0.6
			eS	17	50.00	
PAA	2.82	106	eP	17	24.00	-1.5
			eS	17	55.00	
LMG	5.66	234	eP	18	03.00	-2.8
LAT	5.83	259	eP	18	09.00	1.0
MOM	6.38	303	eP	18	20.00	4.2X
PMG	6.75	235	iPc	18	22.50	1.5
MDG	6.95	272	eP	18	35.00	11.2X
VSG	7.82	118	P	18	36.00	-0.1
SVO	7.86	117	P	18	45.00	8.4X
HNR	8.11	119	(P)	19	02.00	22.0X
CTA	15.78	203	eP	20	25.00	1.9
KOU	18.66	144	iPc	21	08.10	9.0X
PVC	19.45	130	iPd	21	09.00	0.4
RMO	21.17	190	eP	21	26.00	-0.6
NOU	21.28	143	iPc	21	35.50	7.8X
MTN	22.53	250	eP	21	41.00	0.8
WB2	22.91	230	eP	21	44.00	0.0
WRA	22.92	230	Pd	21	45.50	1.4
	0.8s	18.00nm			4.6mb	
ASPA	25.58	223	eP	22	09.00	-0.6
KNA	25.63	245	eP	22	11.00	0.9
YOU	28.87	188	eP	22	42.10	2.5
CAN	29.83	186	eP	22	47.70	-0.5
WAM	30.71	186	eP	22	55.70	-0.1
WBN	32.32	228	eP	23	09.00	-1.2
MBL	35.48	241	eP	23	36.00	-1.4
	0.5s	6.00nm			4.8mb	
BAG	38.59	305	eP	24	03.00	-0.8
KLG	38.66	226	eP	24	03.00	-1.1
MEK	38.76	234	eP	24	04.00	-1.1
	0.5s	10.00nm			4.9mb	
MRWA	41.95	231	eP	24	30.00	-1.2
RKG	43.60	225	eP	24	47.00	2.3
MAT	44.03	343	(P)	24	47.00	-1.1
PPI	52.51	274	ePd	25	53.20	-1.2
KMI	57.37	304	eP	26	29.50	-0.3
CHTO	58.27	296	eP	26	34.10	-1.8
	1.2s	6.25nm			4.6mb	
	Z 20s	0.70um			4.8Msz	
SBA	72.64	177	eP	28	05.30	-2.1
PKI	72.77	301	eP	28	09.30	-0.3
KKN	72.94	301	eP	28	10.30	-0.1
	1.0s	24.00nm			5.2mb	
DMN	73.04	301	eP	28	11.20	0.1
	1.1s	28.00nm			5.2mb	
HYB	76.69	289	eP	28	31.00	-0.8
COL	82.59	22	eP	29	02.00	-0.6
	0.9s	21.01nm			5.2mb	
SPA	84.49	180	e(P)	29	13.00	0.5
INK	89.17	21	eP	29	35.00	0.0
MBC	94.84	14	eP	30	01.50	0.5
YKA	96.10	28	eP	30	08.70	1.7
YKC	96.17	28	eP	30	09.00	1.7
EDM	96.74	37	eP	30	10.50	0.3
BRG	123.29	330	e(PKP)	35	37.00	0.2
KHC	124.55	329	ePKP	35	41.00	1.6
VAO	145.70	147	e(PKP)	36	20.00	0.6
BAO	150.59	136	e(PKP)	36	26.10	-1.2

S.D. = 1.3 on 45 of 51 obs.

MAY 11, 1985 10h 40m 39.65± 0.29s
37.092 N ± 1.9km 141.426 E ± 3.0km
DEPTH = 55.6 ± 2.3 km
5.5mb (84 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (III JMA) at Onahama, Mito and Utsunomiya, (II JMA) at Fukushima, Sendai and Tokyo, (I JMA) at Choshi, Kumagaya and Toteyama. Felt at Ofunato.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 16C
Centroid Location:
Origin Time 10:40:44.5 1.0
Lat 37.01N 0.11 Lon 141.19E 0.11
Dep 58.0 9.2 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr= 4.85 0.54 Mtt= 2.58 0.65
Mff=-7.44 0.81 Mrt= 0.68 0.75
Mrf= 4.30 0.70 Mtf=-2.38 0.96
Principal Axes:
T Val= 6.21 Plg=73 Azm=270
N 3.10 4 11
P -9.31 17 102
Best Double Couple:Mo=7.8*10**23
NP1:Strike=198 Dip=28 Slip= 97
NP2: 9 62 86

ONA	0.44	251	iPd	40	49.70	-1.0
			iS	40	57.60	
FKS	1.01	312	iPd	40	57.50	-0.2
			iS	41	10.60	
MIT	1.05	227	iPd	40	57.70	-0.6
			iS	41	11.40	
SEN	1.24	340	iPd	41	00.10	-0.8
			S	41	15.50	
ISN	1.33	356	iPd	41	01.00	-1.3
			iS	41	16.30	
UTS	1.36	247	iPd	41	02.30	-0.4
			iS	41	18.70	
TSK	1.38	231	iPd	41	01.90	-1.0
YAM	1.44	324	iPd	41	03.50	-0.2
			eS	41	21.00	
CHO	1.44	199	eP	41	04.00	0.2
			iS	41	23.40	
KMG	1.89	241	iPd	41	10.30	0.2
			iS	41	32.80	
TOK	1.94	224	iPd	41	10.40	-0.4
			S	41	33.20	
OFU	1.98	7	eP	41	09.00	-2.3
			S	41	31.40	
NII	2.06	294	eP	41	13.00	0.6
			S	41	40.00	
DDR	2.10	239	iPd	41	12.30	-0.8
KYS	2.15	209	eP	41	12.30	-1.5
YOK	2.19	221	P	41	15.00	0.8
			iS	41	41.30	
SRY	2.28	230	eP	41	14.60	-1.0
OYM	2.43	227	eP	41	17.50	-0.2
TAT	2.45	211	eP	41	20.00	2.0
MIY	2.58	9	eP	41	21.00	1.2
			S	41	46.30	
MRK	2.61	356	iP	41	19.30	-0.8
			S	41	50.80	
NGN	2.62	262	eP	41	20.00	-0.4
			eS	41	55.00	
MAT	2.64	259	iPd	41	21.40	0.8
			eS	41	54.00	
KOF	2.72	239	eP	41	22.00	0.3
			S	41	55.90	
AJI	2.78	223	eP	41	23.00	0.3
			eS	41	55.00	
AKI	2.82	339	eP	41	23.00	-0.2
			eS	42	07.00	
MIS	2.83	226	eP	41	25.00	1.7
			eS	41	57.00	
OSH	2.86	216	eP	41	24.00	0.2
			S	41	56.10	
SHZ	3.23	230	eP	41	30.00	0.9
			eS	42	08.00	
IID	3.30	243	Pd	41	31.60	1.5
			iS	42	09.70	
HAC	3.43	1	eP	41	31.00	-0.8
			eS	42	12.00	
WAJ	3.62	276	Pd	41	34.60	0.0
AOM	3.75	353	eP	41	37.00	0.7
			eS	42	22.00	
HMM	3.83	233	eP	41	42.00	4.5X
			eS	42	24.00	
KAN	3.87	263	iP	41	39.50	1.5
			eS	42	31.00	
NAG	4.09	243	eP	41	43.00	1.9
			eS	42	31.00	
GIF	4.13	247	eP	41	43.00	1.4
			S	42	33.20	
HAK	4.74	354	eP	41	52.00	1.7
			eS	42	47.00	
SAP	5.96	359	eP	42	07.00	-0.3
			eS	43	13.00	
OBI	5.98	13	eP	42	14.00	6.3X
			e	43	12.00	
ASA	6.71	6	eP	42	24.00	6.2X

11d 10h

			eS	43 42.00	
SHK	7.55	253	ePd	42 29.30	-0.3
			S	44 26.80	
SSE	17.79	255	eP	44 39.50	-5.3X
Z	20s	3.50um			
N	24s	2.30um			
E	20s	2.30um			
			eS	48 04.00	
BJI	19.94	286	eP	45 06.00	-3.6X
			eS	48 44.00	
GUA	23.66	172	e(P)	45 34.50	-12.4X
BAG	27.65	227	eP	46 21.00	-3.3X
LZH	30.07	280	eP	46 44.50	-1.4
	1.5s	11.00nm			4.4mb X
N	17s	1.60um			
CGP	32.30	212	iPc	47 02.10	-3.3X
KMI	34.98	261	P+	47 27.00	-1.8
			pP	47 39.00	45kmX
			eS	53 20.00	
MNI	38.64	207	eP	48 00.20	0.9
JAY	39.41	181	ePc	48 16.80	11.0X
CHTO	41.31	256	iP	48 21.20	-0.3
	1.2s	30.90nm			4.9mb
AAI	42.40	200	ePc	48 31.00	0.7
SHL	43.42	269	iP	48 37.70	-1.1
TTA	45.37	35	P	48 53.50	-0.4
	0.9s	12.50nm			4.8mb
BRW	46.36	23	P	49 01.70	0.2
IMA	46.63	31	P	49 03.70	-0.2
MKS	46.82	211	iPd	49 06.00	0.3
KDC	47.10	42	P	49 06.40	-1.1
PKI	47.68	275	iPc	49 12.60	-0.4
KKN	47.69	276	iPc	49 12.80	-0.1
DMN	47.91	276	iPc	49 14.60	0.0
PMR	48.57	37	P	49 18.00	-0.9
COL	49.05	32	eP	49 23.00	0.4
	0.7s	17.47nm			5.2mb
FBA	49.05	32	P	49 22.50	-0.1
IPM	49.11	239	ePc	49 23.30	-0.3
	0.6s	33.00nm			5.5mb
KGM	49.47	234	ePd	49 26.90	0.5
MTN	50.61	193	iPd	49 34.30	-0.6
PSI	51.91	239	iPc	49 44.10	-0.8
	0.8s	84.90nm			5.8mb
TRT	52.08	217	iPc	49 45.10	-1.0
SJI	52.53	218	ePd	49 49.40	-0.1
PPI	53.24	235	e(P)	49 54.20	-0.6
NDI	53.67	281	iPc	49 56.50	-1.4
KNA	53.89	195	eP	49 59.00	-0.5
LEM	53.92	223	ePd	49 59.50	-0.5
	1.0s	50.00nm			5.5mb
INK	54.34	27	eP	50 02.00	-0.3
	0.8s	30.00nm			5.4mb
			pP	50 14.00	42kmX
MBC	56.47	16	eP	50 17.00	-0.6
	0.8s	26.00nm			5.3mb
CTA	57.05	175	iPd	50 23.80	1.5
	1.0s	15.00nm			5.0mb
WB2	57.12	188	iPc	50 20.70	-2.1
WRA	57.12	188	Pc	50 21.20	-1.6
	0.6s	18.20nm			5.3mb
HYB	58.21	268	iPc	50 29.50	-1.2
	1.0s	95.00nm			5.9mb
			e	51 20.00	
			e	51 34.00	
ALE	60.07	4	ePc	50 41.40	-1.3
	1.0s	35.00nm			5.4mb
ASPA	60.85	188	eP	50 47.00	-1.5
QUE	60.94	287	iPc	50 48.00	-1.5
GBA	61.23	265	Pc	50 50.60	-0.8
	0.9s	89.60nm			5.9mb
MBL	61.41	203	iPc	50 51.50	-0.9
	0.5s	9.00nm			5.2mb
KOD	63.16	262	eP	51 03.20	-1.4
KEV	63.39	339	iP	51 04.00	-1.0
	0.8s	38.10nm			5.5mb
			i	51 16.00	
RMQ	63.62	173	iPd	51 07.20	0.3
YKA	63.75	30	eP	51 07.10	-0.4
YKC	63.81	30	eP	51 07.00	-0.9
	1.0s	24.00nm			5.2mb
NAU	64.15	207	eP	51 10.00	-0.5
WBN	64.43	195	eP	51 12.00	-0.3
SOD	64.92	337	iP	51 14.00	-1.0
TRO	65.66	341	iP	51 19.20	-0.5
DAG	65.73	355	iPd	51 18.40	-1.6
	1.0s	36.00nm			5.3mb

KJF	66.47	334	iP	51 24.00	-0.9
	1.0s	130.00nm			5.9mb
			i	51 36.20	
			iPP	53 50.00	
			eS	00 12.00	
MEK	66.92	202	eP	51 27.00	-1.3
SUF	67.94	333	iP	51 32.90	-1.3
	0.7s	29.10nm			5.4mb
PNT	68.12	44	eP	51 36.00	0.3
	0.8s	10.00nm			4.9mb
CMS	68.35	176	eP	51 37.00	0.0
STK	68.62	180	iPd	51 38.50	-0.1
	0.6s	8.00nm			4.9mb
EDM	69.30	38	ePc	51 42.00	-0.8
NUR	69.90	332	iP	51 45.60	-0.7
	0.7s	38.70nm			5.4mb
Z	18s	0.50um			4.8Msz
			i	51 58.00	
			LR	24 50.00	
IR2	69.97	300	iPc	51 47.00	-0.3
NEW	70.08	44	eP	51 46.00	-1.7
MRWA	70.14	204	eP	51 47.50	-0.6
MFW	70.65	47	P	51 51.80	0.6
BAL	71.21	202	iPd	51 54.40	-0.2
YOU	71.30	174	eP	51 55.40	0.4
KLB	71.82	201	eP	51 58.00	-0.2
SHI	72.01	294	eP	51 59.00	-0.8
CAN	72.39	174	eP	52 01.90	0.4
MUN	72.64	202	eP	52 02.00	-1.0
BKS	72.71	55	eP	52 04.50	0.9
UPP	72.91	334	iPc	52 03.30	-1.0
			i	52 15.90	
NWAO	73.23	201	iPd	52 06.60	0.2
	0.6s	17.00nm			5.2mb
WAM	73.24	174	eP	52 07.40	1.0
FFC	73.65	33	iPc	52 08.40	-0.3
	0.8s	19.00nm			5.1mb
SLD	73.82	56	P	52 10.00	-0.1
JAS1	73.87	55	P	52 10.50	0.2
HFS	74.04	336	iPc	52 10.10	-0.8
	1.0s	59.20nm			5.5mb
Z	19s	0.78um			5.0Msz
			LR	23 06.00	
LRM	74.10	44	ePc	52 12.00	0.2
NB2	74.14	337	P	52 07.90	-3.6X
	0.9s	75.50nm			5.6mb
BMN	74.47	51	P	52 14.50	0.5
	0.8s	6.62nm			4.6mb
HPI	75.00	46	P	52 18.00	0.8
KONO	75.73	337	iP	52 20.50	-0.1
EUR	75.80	51	iP	52 22.50	0.8
	0.4s	13.54nm			5.2mb
BER	76.41	339	eP	52 24.20	-0.2
FRB	76.72	13	ePc	52 26.00	0.0
	0.8s	57.00nm			5.6mb
			pP	52 38.40	42kmX
DUG	77.31	49	P	52 30.00	0.0
BDW	77.61	45	P	52 31.70	0.0
	0.6s	6.87nm			4.8mb
COP	77.88	333	iPc	52 32.50	-0.1
	0.9s	127.73nm			5.9mb
			i	52 45.00	
MUD	78.40	335	iPd	52 35.80	0.4
	1.0s	70.00nm			5.6mb
			i	52 49.00	
VRI	78.69	320	iPc	52 38.00	0.7
CVO	79.01	320	eP	52 40.00	1.0
KRA	79.05	326	iPc	52 39.40	0.3
	0.6s	62.00nm			5.7mb
Z	16s	1.20um			5.3MszX
N	16s	1.00um			
E	16s	1.00um			
			i	52 40.60	
			i	52 52.20	
MLR	79.35	320	eP	52 41.00	0.0
SPC	79.54	325	iPc	52 42.80	0.8
			i	52 55.80	
RSSD	79.78	42	eP	52 44.20	0.7
JOS	79.90	325	iPc	52 42.40	-1.3
	1.0s	25.20nm			5.1mb
RSON	79.94	32	eP	52 43.50	-0.4
	1.1s	9.88nm			4.7mb
CMP	79.97	320	ePd	52 48.00	3.8X
KSP	80.06	328	iPc	52 44.80	0.3
	1.1s	95.00nm			5.6mb
			id	52 57.70	
			e	55 45.50	

COZ	80.29	320	iPc	52 47.00	0.9
PSZ	80.62	324	ePc	52 48.20	0.6
	1.0s	37.90nm			5.3mb
BRG	81.01	329	iPc	52 48.80	-0.7
	1.0s	62.00nm			5.5mb
			e	53 02.00	
CLL	81.05	330	iPc	52 49.70	0.0
	1.1s	90.00nm			5.6mb
			ipP	53 02.70	44kmX
CLO	81.24	321	eP	52 51.00	0.1
BUD	81.34	325	ePc	52 51.60	0.3
	1.0s	33.90nm			5.3mb
SRO	81.42	325	iPc	52 52.80	1.1
			i	53 06.00	
PRU	81.44	329	iPc	52 52.40	0.6
	1.1s	61.20nm			5.5mb
Z	18s	0.60um			5.0Msz
N	17s	0.40um			
E	19s	0.30um			
			e	53 05.30	
HRI	81.56	305	eP	52 53.80	0.9
ZST	81.68	326	iPc	52 53.50	0.4
			e	53 06.50	
GOL	82.01	46	P	52 57.00	1.7
MOX	82.12	330	iPc	52 55.50	0.2
	1.4s	67.00nm			5.5mb
			e	53 09.00	
			e	53 37.00	
WIT	82.21	334	eP	52 56.50	0.8
			e	53 09.00	
HOF	82.27	330	iPc	52 56.50	0.3
	0.9s	83.00nm			5.7mb
SOP	82.31	326	iPc	52 57.20	0.8
KHC	82.50	328	iPc	52 58.00	0.6
	1.0s	110.00nm			5.8mb
			e	53 11.00	
			e	55 49.00	
WTS	82.84	334	ePc	52 59.00	0.0
	0.8s	31.00nm			5.4mb
			e	53 12.50	
JER	82.86	304	iPc	52 59.50	-0.1
EZN	83.00	315	eP	53 00.10	0.0
GRF	83.03	330	iPc	53 01.00	0.9
	1.1s	143.00nm			5.9mb
EKA	83.08	341	Pd	53 01.00	0.8
	1.0s	32.10nm			5.3mb
KMR	83.09	327	iP+	53 01.00	0.6
TNS	83.68	332	ePc	53 03.40	-0.1
BHG	83.89	328	iPc	53 05.40	0.9
PRNI	83.89	303	eP	53 05.90	1.0
VAY	84.01	318	iPc	53 05.80	0.6
SKO	84.14	320	iP	53 07.00	1.1
	1.1s	90.00nm			5.7mb
			i	53 19.70	
ENN	84.16	333	ePc	53 06.00	0.2
	0.8s	38.00nm			5.5mb
			e	53 19.00	
KBA	84.19	327	iPc	53 05.90	-0.3
			i	53 07.30	
			i	53 18.40	
			e	56 05.00	
			i	56 22.60	
FUR	84.21	329	iPc	53 06.80	0.7
	0.9s	150.00nm			6.0mb
MEM	84.26	333	Pc	53 06.70	0.4
			e	53 19.20	
LJU	84.46	326	eP	53 06.90	-0.5
			e	53 19.80	
ALQ	84.55	50	eP	53 09.00	0.7
	1.0s	13.75nm			5.0mb
STU	84.56	331	i(P)c	53 09.00	1.2
	1.0s	84.00nm			5.8mb
UCC	84.69	334	Pd	53 09.50	1.1
			e	53 22.50	
VOY	84.75	326	eP	53 07.70	-1.3
TTG	84.92	321	eP	53 10.00	0.3
WLF	84.99	333	iPc	53 10.50	0.6
			e	53 24.40	
BUH	85.02	331	eP	53 10.40	0.2
TRI	85.06	326	iPc	53 09.50	-0.9
OHR	85.09	319	iP	53 10.90	0.2
			i	53 23.20	
			i	53 31.90	
DOU	85.19	334	P	53 11.30	0.3
			e	53 24.10	
SCH	85.30	16	eP	53 12.00	0.5
DMU	85.34	342	iPc	53 12.10	0.5

	1.3s	190.00nm		6.1mb		
OGA	85.34	328 eP	53	11.40	-0.6	
	1.0s	34.00nm		5.4mb		
CDF	85.60	331 iPc	53	13.50	0.3	
	0.9s	75.30nm		5.8mb		
SLE	85.65	330 eP+	53	13.50	0.1	
CTI	85.72	328 eP	53	13.60	-0.2	
SAX	85.73	330 eP+	53	14.00	-0.1	
DLE	85.80	341 iPc	53	14.10	0.2	
	0.9s	140.00nm		6.1mb		
OSS	85.85	329 eP+	53	14.60	0.0	
ZUL	85.92	330 eP+	53	14.50	-0.2	
DCN	85.93	342 iPc	53	14.90	0.3	
LLS	86.17	329 eP+	53	16.00	-0.2	
ETA	86.25	341 eP	53	16.70	0.5	
	1.4s	150.00nm		6.0mb		
BSF	86.26	331 iPc	53	16.40	-0.1	
	1.0s	33.30nm		5.5mb		
HAU	86.29	332 iPc	53	16.50	0.0	
	0.8s	33.50nm		5.6mb		
VDL	86.29	329 eP+	53	16.80	0.0	
SAL	86.55	328 iPd	53	17.50	-0.2	
ECB	86.70	341 eP	53	19.80	1.4	
	1.1s	100.00nm		5.9mb		
ECP	86.76	341 eP	53	19.50	0.9	
	1.0s	80.00nm		5.9mb		
MMK	87.26	330 eP+	53	21.50	0.0	
DIX	87.45	330 eP+	53	22.80	0.3	
ORO	87.60	329 eP	53	22.50	-0.5	
EMS	87.66	330 eP+	53	23.10	-0.3	
AQU	87.82	324 iPd	53	25.00	0.9	
LOR	87.83	333 eP	53	23.80	-0.2	
	1.1s	79.10nm		5.8mb		
DUI	87.86	323 iPc	53	24.90	0.8	
VAL	87.94	343 iP	53	24.20	-0.2	
LBF	88.03	332 eP	53	24.50	-0.5	
	1.2s	39.60nm		5.5mb		
FLN	88.06	336 eP	53	25.20	0.2	
	1.0s	37.60nm		5.6mb		
LDF	88.09	336 eP	53	25.40	0.2	
	0.8s	22.50nm		5.4mb		
GRC	88.10	333 iPc	53	25.20	0.0	
ORI	88.11	321 iPd	53	21.30	-4.1X	
MNS	88.13	325 eP	53	24.50	-0.9	
SSF	88.14	333 eP	53	25.30	-0.1	
	1.0s	42.00nm		5.6mb		
SMF	88.36	332 iPc	53	26.90	0.4	
	1.3s	66.40nm		5.7mb		
AVF	88.42	333 iPc	53	27.10	0.3	
	1.2s	94.20nm		5.9mb		
GRR	88.51	336 iPc	53	27.60	0.4	
	1.1s	93.90nm		6.0mb		
BGF	88.81	333 eP	53	29.20	0.5	
	1.0s	12.30nm		5.1mb		
LPF	88.88	336 iPc	53	29.50	0.5	
	1.2s	93.60nm		6.0mb		
MZF	89.19	333 eP	53	31.10	0.6	
	1.4s	64.50nm		5.7mb		
TCF	89.27	333 iPc	53	30.90	0.0	
	1.4s	29.80nm		5.4mb		
LSF	89.54	333 iPc	53	32.10	-0.1	
	1.0s	35.10nm		5.6mb		
MFF	89.83	335 iPc	53	34.00	0.6	
	1.0s	40.00nm		5.7mb		
[illegible]	89.83	329 eP	53	32.90	-0.6	
	1.0s	25.00nm		5.5mb		
[illegible]C	90.04	329 eP	53	34.20	-0.2	
	1.2s	37.10nm		5.6mb		
TUL	90.05	43 eP	53	34.00	-0.7	
	0.7s	24.70nm		5.6mb		
		i	53	35.70		
LMR	90.08	329 eP	53	34.30	-0.3	
	1.1s	31.60nm		5.5mb		
LTX	90.08	52 P	53	35.50	0.5	
RLO	90.27	42 eP	53	36.00	0.3	
		e	53	37.00		
RJF	90.36	333 eP	53	36.30	0.4	
	1.0s	32.00nm		5.6mb		
CAF	90.48	332 eP	53	37.30	0.7	
	0.9s	25.20nm		5.6mb		
LFF	90.96	333 iPc	53	39.50	0.8	
	1.0s	33.30nm		5.7mb		
LPO	91.01	333 eP	53	39.70	0.8	
	1.0s	17.60nm		5.4mb		
BHO	91.69	43 e(P)	53	46.60	4.4X	
		i	53	48.40		
MNT	91.92	24 eP	53	44.00	0.9	

EPF	92.75	333 eP	53	46.90	-0.1	
	1.0s	12.00nm		5.3mb		
BNG	112.75	295 ePKPd	59	11.90	-0.3	
	1.0s	7.90nm				
BCAO	112.76	295 ePKP	59	11.90	-0.3	
	0.7s	2.22nm				
MTD	115.61	268 iPKPd	59	18.00	0.3	
KRI	117.21	269 iPKPd	59	20.00	-0.8	
BUL	119.79	268 iPKPd	59	25.60	0.0	
		i	59	39.20		
EVA	122.62	260 ePKP	59	31.50	0.6	
	0.8s	19.40nm				
SLR	122.87	261 iPKPc	59	32.00	0.6	
	1.0s	50.00nm				
BPI	123.28	261 ePKP	59	27.00	-5.2X	
	0.7s	19.18nm				
BFS	124.61	260 iPKPd	59	34.00	-0.7	
	0.7s	39.73nm				
BLF	126.08	258 e(PKP)	59	38.00	0.4	
KIC	126.45	317 iPKP	59	37.80	-0.7	
SPA	126.91	180 e(PKP)	59	37.50	-0.4	
ARE	144.41	64 e(PKP)	00	12.00	0.0	
CCH	148.78	58 PKPd	00	24.50	5.4X	
		i	00	28.20		
ANT	149.62	73 iPKP	00	26.70	6.9X	
ITR	151.80	360 ePKP	00	23.80	0.4	
	0.9s	4.90nm				
		i	00	29.90		
		i	00	43.20		
SOB1	152.16	5 ePKP	00	24.60	0.6	
		i	00	31.20		
YJA	152.39	65 ePKP	00	25.80	1.2	
BAO	157.05	24 e(PKP)	00	30.00	-0.6	
	S.D. = 0.8	on 245 of 261 obs.				

* MAY 11, 1985 10h 49m 20.83± 2.32s
40.845 N ±21.8km 20.516 E ± 7.5km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

OHR	0.34	39 iPg	49	27.20	-0.7	
		iSg	49	33.90		
SKO	1.32	31 iPg	49	46.30	1.0	
		iSg	50	03.50		
ULC	1.47	320 ePn	49	47.20	-0.1	
		eSn	50	09.00		
VAY	1.62	72 iPn	49	49.60	0.0	
TTG	1.84	330 ePn	49	53.00	0.3	
		eSn	50	20.00		
HCY	2.20	317 ePn	49	58.00	0.0	
BRY	2.53	325 ePn	50	05.60	2.9X	
		eSn	50	42.00		
	S.D. = 0.7	on 6 of 7 obs.				

MAY 11, 1985 10h 58m 11.90± 0.94s
5.579 S ± 9.4km 151.287 E ± 6.7km
DEPTH = 46.1 ± 10.8 km
4.6mb (4 obs.)
NEW BRITAIN REGION (192)

RAB	1.64	33 iPc	58	40.00	1.3	
BGA	3.91	99 iPd	59	10.00	-1.2	
		eS	59	57.00		
PAA	4.24	100 iPc	59	14.20	-1.6	
		eS	00	06.00		
LMG	4.54	223 iPc	59	18.00	-2.1	
MOM	5.23	312 eP	59	34.00	4.4X	
MDG	5.49	273 eP	59	35.00	1.7	
PMG	5.59	227 iPc	59	03.00	-31.8X	
VSG	9.12	114 P	00	26.00	2.1	
SVO	9.17	113 (P)	00	28.00	3.4X	
CTA	15.23	198 iPd	01	51.80	6.2X	
	0.8s	17.16nm		4.3mb		
RMQ	20.93	186 iPc	02	54.20	1.0	
MTN	21.15	249 eP	02	54.00	-1.5	
WB2	21.80	228 iPc	03	00.70	-1.2	
		eS	07	02.00		
WRA	21.81	228 Pd	03	01.90	-0.1	
	0.6s	17.40nm		4.6mb		
KNA	24.30	244 eP	03	28.00	1.6	
ASPA	24.57	221 eP	03	30.00	1.0	
CMS	26.28	191 eP	03	44.00	-0.9	
YOU	28.68	185 eP	04	07.00	0.3	
WBN	31.23	226 iPc	04	29.50	0.0	
ADE	31.47	200 iPc	04	30.90	-0.6	
MBL	34.19	240 iPc	04	54.70	-0.6	
	0.4s	3.00nm		4.6mb		

MEK	37.58	233 iPc	05	23.70	-0.2	
	0.5s	16.00nm		5.2mb		
KLG	37.60	225 iPd	05	23.90	-0.1	
NAU	38.44	240 eP	05	31.00	-0.2	
KLB	40.68	226 iPc	05	49.00	-0.6	
MRWA	40.79	231 eP	05	50.50	-0.1	
BAL	40.93	228 iPd	05	51.40	-0.3	
MSZ	41.57	162 P	05	58.00	1.3	
NWAO	41.77	225 eP	05	59.00	0.4	
RKG	42.56	224 eP	06	07.50	2.5	
PKI	71.54	301 eP	09	30.40	-0.5	
SBA	72.69	177 e(P)	09	36.40	0.0	
COL	83.17	22 eP	10	32.00	-2.2	
SPA	84.46	180 e(P)	10	42.00	1.1	
NNA	129.06	110 ePKP	17	13.50	-4.1X	
	0.6s	10.00nm				
BCAO	132.93	271 ePKP	17	24.80	-0.2	
	0.9s	7.67nm				
BAO	151.56	138 e(PKP)	18	04.30	7.0X	
	S.D. = 1.2	on 31 of 37 obs.				

* MAY 11, 1985 11h 21m 41.82± 0.43s
25.615 S ± 8.5km 175.179 W ± 9.6km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
SOUTH OF TONGA ISLANDS (175)

RAO	4.36	213 P	22	46.00	-1.5	
		S	23	37.50		
SGE	10.24	320 eP	24	09.80	0.1	
AFI	12.08	16 P	24	29.00	-5.6X	
		S	26	30.00		
TCW	17.85	207 e(P)	25	43.50	-5.7X	
		eS	28	51.00		
WAM	32.42	242 eP	28	12.10	1.1	
YOU	32.60	246 eP	28	13.10	0.6	
ASPA	46.09	261 eP	30	04.00	-0.8	
WRA	46.66	266 Pc	29	52.40	-16.9X	
	1.1s	33.30nm				
SBA	52.99	185 e(P)	30	57.80	0.8	
SPA	64.54	180 e(P)	32	18.40	0.7	
MAT	75.84	323 eP	33	10.00	-16.6X	
BMN	84.96	41 P	34	15.20	0.1	
	1.0s	4.13nm		4.6mb		
MSU	86.85	44 P	34	25.00	0.4	
LTX	87.68	56 P	34	28.00	-0.6	
ALQ	88.62	50 eP	34	33.00	-0.2	
	1.0s	5.50nm		4.8mb		
PNT	89.48	33 eP	34	37.00	0.3	
BDW	90.94	42 P	34	43.00	-0.9	
COL	92.69	11 eP	34	51.00	-0.1	
KMI	93.94	296 eP	34	45.00	-13.0X	
	S.D. = 0.8	on 14 of 19 obs.				

MAY 11, 1985 11h 25m 01.59± 0.70s
5.764 S ± 5.8km 151.444 E ± 4.5km
DEPTH = 34.0 ± 7.8 km
4.9mb (3 obs.)
NEW BRITAIN REGION (192)

RAB	1.72	25 iPc	25	30.60	0.9	
BGA	3.74	96 iPd	25	57.20	-1.2	
		eS	26	52.00		
PAA	4.06	98 eP	26	02.00	-1.0	
		eS	26	52.00		
LAT	4.51	258 e(P)	26	16.00	6.7X	
LMG	4.52	226 iPd	26	08.80	-0.8	
MOM	5.47	312 eP	26	29.00	6.1X	
PMG	5.59	229 eP	26	25.00	0.5	
MDG	5.66	275 eP	26	27.00	1.4	
VSG	8.90	113 P	27	11.00	0.1	
SVO	8.96	113 P	27	12.00	0.3	
HNR	9.18	114 eP	27	15.00	0.2	
CTA	15.11	199 iPc	28	41.00	6.7X	
	0.8s	14.18nm		4.3mb		
		iS	32	28.00		
KOU	19.28	141 iPd	29	25.10	-1.4	
GUA	20.24	341 e(P)	29	37.20	0.3	
	0.9s	255.46nm		5.6mb		
PVC	20.33	127 iPc	29	38.00	0.2	
RMQ	20.77	187 iPc	29	43.30	1.0	
WB2	21.79	228 iPc	29	51.70	-1.0	
		eS	33	51.20		
NOU	21.93	140 iPc	29	55.10	1.1	
CMS	26.12	191 eP	30	34.00	-0.4	
YOU	28.51	185 iPc	30	57.40	1.3	
MEK	37.59	233 eP	32	14.00	-1.0	

11d 11h

	0.5s	10.00nm		4.9mb		
BAG	37.65	306 eP	32	15.00	-0.8	
KRP	38.80	149 P	32	26.00	1.1	
KLB	40.66	227 eP	32	39.00	-1.5	
BAL	40.93	229 eP	32	42.00	-0.7	
MSZ	41.35	162 e(P)	32	47.00	1.2	
SBA	72.49	177 e(P)	36	26.10	-0.3	
SPA	84.27	180 e(P)	37	32.10	1.0	
INK	89.84	21 eP	37	57.00	-0.9	
YKA	96.90	28 eP	38	35.50	5.1X	
EDM	97.70	37 eP	38	34.50	0.2	
KHC	124.05	328 ePKP	43	58.40	0.2	
BCAO	133.09	271 ePKP	44	13.00	-3.5X	
BAO	151.32	138 e(PKP)	44	54.80	6.7X	
	S.D. = 1.0	on 28 of 34 obs.				
	MAY 11, 1985 11h 57m 41.90± 0.56s					
	33.976 N ± 4.6km 137.021 E ± 4.7km					
	DEPTH = 342.7 ± 5.3 km					
	4.6mb (37 obs.)					
	NEAR S. COAST OF HONSHU, JAPAN (230)					
MAT	2.74	20 iPd	58	38.50	-0.3	
		iS	59	22.10		
SHK	3.64	280 iPd	58	48.60	1.3	
		iS	59	40.60		
SSE	13.66	262 Pd	00	45.00	0.3	
	1.0s	26.00nm		4.6mb		
BJI	17.70	296 eP	01	26.00	-1.4	
CHTO	37.06	256 eP	04	22.10	0.3	
	0.7s	15.57nm		4.5mb		
IPM	44.41	237 ePc	05	21.90	0.5	
PKI	44.42	276 eP	05	21.60	-0.2	
	0.5s	8.00nm		4.2mb		
KKN	44.45	277 eP	05	22.00	0.1	
DMN	44.66	276 eP	05	23.50	-0.1	
MTN	46.90	188 iP	05	40.00	-0.7	
PSI	47.21	237 iPc	05	43.50	0.2	
	0.7s	12.20nm		4.3mb		
TTA	49.96	33 P	06	03.40	-0.3	
IMA	51.12	29 P	06	12.40	0.0	
KDC	51.80	40 P	06	16.40	-0.9	
PMR	53.20	35 P	06	26.50	-1.0	
COL	53.58	31 eP	06	30.00	-0.2	
FBA	53.58	31 P	06	29.40	-0.8	
WB2	53.68	183 iPc	06	29.90	-1.5	
WRA	53.68	183 Pc	06	30.20	-1.2	
	0.4s	8.00nm		4.4mb		
MBL	57.22	199 eP	06	56.00	-0.4	
	0.5s	9.00nm		4.5mb		
GBA	57.38	255 Pc	06	57.50	-0.2	
	0.5s	4.40nm		4.2mb		
INK	58.73	26 ePd	07	05.00	-1.3	
MBC	60.45	16 eP	07	17.00	-0.8	
	0.5s	18.00nm		4.9mb		
MEK	62.76	199 eP	07	32.00	-1.6	
	0.4s	8.00nm		4.7mb		
ALE	63.37	3 ePc	07	36.60	-0.3	
	0.7s	7.00nm		4.4mb		
SOD	66.37	337 iP	07	55.60	-0.6	
KJF	67.67	333 iP	08	04.00	-0.2	
	0.7s	13.30nm		4.8mb		
YKA	68.22	28 eP	08	07.40	-0.2	
YKC	68.28	28 ePc	08	07.70	-0.3	
	0.6s	8.00nm		4.6mb		
YOU	68.73	170 iPc	08	11.70	0.7	
SUF	69.07	333 iP	08	11.70	-1.1	
	0.6s	7.80nm		4.6mb		
CAN	69.84	170 iPc	08	18.40	0.6	
WAM	70.68	170 iPc	08	23.50	0.8	
NUR	70.92	331 iP	08	22.90	-1.0	
	0.4s	17.10nm		5.1mb		
PNT	72.85	42 eP	08	35.00	-0.4	
	0.6s	7.00nm		4.6mb		
UPP	74.08	333 iP	08	41.30	-0.9	
NEW	74.81	42 eP	08	46.00	-0.6	
HFS	75.34	334 iPc	08	48.60	-0.7	
	0.4s	6.80nm		4.7mb		
NB2	75.56	336 P	08	47.80	-2.8	
	0.6s	5.00nm		4.4mb		
FFC	78.18	31 eP	09	04.50	-0.5	
	0.6s	5.00nm		4.5mb		
SLD	78.55	53 P	09	08.00	0.6	
LRM	78.82	42 ePc	09	09.70	0.7	
BMN	79.22	48 P	09	12.00	1.0	
	0.8s	6.62nm		4.5mb		
KRA	79.55	324 iPd	09	12.90	0.6	
	0.6s	31.00nm		5.3mb		
HPI	79.74	44 P	09	14.70	0.8	
FRB	80.51	11 ePc	09	17.30	0.2	
KSP	80.74	326 iP	09	19.30	0.8	
BRG	81.78	328 iPc	09	24.40	0.5	
	0.5s	13.00nm		5.0mb		
CLL	B1.B8	328 iPc	09	24.60	0.1	
	0.9s	19.00nm		4.9mb		
DUG	82.06	47 P	09	27.00	1.2	
PRU	82.14	327 Pc	09	26.50	0.7	
BDW	82.34	43 P	09	27.00	-0.3	
	0.8s	8.76nm		4.6mb		
SDW	82.72	53 P	09	30.00	0.7	
MOX	82.97	328 eP	09	31.00	1.0	
HOF	83.10	328 iPc	09	31.30	0.6	
	0.7s	22.00nm		5.1mb		
KHC	83.19	326 iPc	09	32.00	0.8	
	0.7s	16.00nm		5.0mb		
MSU	B3.49	48 P	09	35.20	2.0	
GRF	83.84	328 iPc	09	35.30	0.9	
	0.9s	27.00nm		5.1mb		
WTS	83.95	332 eP	09	35.00	0.2	
	1.0s	11.00nm		4.6mb		
EKA	84.73	338 Pd	09	43.00	4.2X	
	0.7s	5.20nm		4.5mb		
ENN	85.25	331 eP	09	21.50	-19.9X	
	1.0s	21.00nm				
MEM	85.34	331 P	09	42.20	0.4	
CDF	86.51	329 eP	09	47.60	-0.1	
DLE	87.51	339 iPc	09	52.20	0.0	
DCN	87.68	340 iPc	09	53.40	0.4	
LOR	88.84	330 eP	09	58.30	-0.4	
LBF	89.02	330 eP	09	59.00	-0.6	
SSF	89.15	330 eP	10	00.00	-0.1	
	0.8s	3.20nm		4.3mb		
ALQ	89.30	47 eP	10	02.00	0.7	
	1.0s	4.75nm		4.4mb		
FLN	89.33	333 eP	10	00.60	-0.3	
SMF	89.35	330 eP	10	01.20	0.2	
AVF	89.43	330 eP	10	01.50	0.1	
	0.9s	7.50nm		4.6mb		
GRR	89.78	333 eP	10	03.30	0.3	
	0.5s	4.20nm		4.6mb		
LPF	90.15	333 eP	10	05.10	0.5	
MZF	90.21	330 eP	10	05.40	0.4	
TCF	90.31	331 eP	10	05.70	0.2	
	0.8s	2.90nm		4.3mb		
LSF	90.62	331 eP	10	07.00	0.1	
	0.7s	8.10nm		4.8mb		
MFF	90.99	332 eP	10	09.10	0.5	
	0.8s	10.70nm		4.8mb		
RJF	91.39	330 eP	10	11.10	0.7	
	0.9s	9.80nm		4.8mb		
LFF	92.01	331 eP	10	14.00	0.7	
	0.7s	14.20nm		5.1mb		
LPO	92.03	330 eP	10	13.80	0.4	
LTX	94.83	50 P	10	27.20	0.5	
KIC	125.98	311 ePKP	16	05.40	-0.1	
	S.D. = 0.8	on 81 of 83 obs.				
&	MAY 11, 1985 12h 12m 49.29s					
	62.478 N	151.246 W				
	DEPTH = 87.0km					
	CENTRAL ALASKA				(1)	
	<AGS-P>.					
SKT	0.52	195 iP	13	03.48	-0.6	
		eS	13	14.33		
SUA	1.05	167 eP	13	09.33	-0.4	
PWA	1.05	142 iP	13	08.80	-0.8	
CGLM	1.23	197 iP	13	10.92	-1.0	
MSE	1.25	120 iP	13	11.45	-0.7	
CRP	1.29	200 eP	13	11.91	-0.9	
GHO	1.30	122 iP	13	12.31	-0.5	
PLRM	1.34	131 eP	13	12.13	-1.0	
PME	1.35	128 eP	13	12.50	-0.8	
SPU	1.36	197 iP	13	12.67	-0.8	
PMS	1.47	146 eP	13	14.06	-0.9	
		eS	13	34.00		
SML	1.52	115 iP	13	14.65	-1.0	
KNK	1.70	128 eP	13	16.90	-1.0	
NKA	1.74	180 eP	13	20.09	1.7	
PTE	1.94	146 eP	13	19.69	-1.3	
		eS	13	42.76		
RDT	1.99	197 eP	13	21.39	-0.5	
SLKM	2.04	166 eP	13	22.36	-0.1	
CFI	2.10	127 eP	13	22.07	-1.2	
MPA	2.19	155 eP	13	23.08	-1.4	
TOA	2.40	97 eP	13	26.73	-0.7	
ILM	2.43	199 eP	13	27.23	-0.5	
SVW	2.49	238 eP	13	27.70	-1.0	
SEW	2.54	159 eP	13	31.40	2.2	
GLI	2.55	127 eP	13	27.56	-1.8	
VZW	2.65	120 eP	13	29.00	-1.8	
KLU	2.70	109 eP	13	29.16	-2.4	
BRLK	2.73	176 eP	13	31.48	-0.4	
FID	2.86	125 eP	13	31.13	-2.6	
COL	2.88	31 iP	13	32.70	-1.2	
		eS	14	07.00		
FBA	2.88	31 eP	13	32.88	-1.0	
KMP	3.09	105 eP	13	34.60	-2.3	
	31 obs. associated					
•	MAY 11, 1985 12h 45m 00.33± 0.66s					
	2.047 N ±10.2km 101.121 W ±12.6km					
	DEPTH = 10.0km (geophysicist)					
	4.7mb (9 obs.) 4.7Msz (3 obs.)					
	EAST CENTRAL PACIFIC OCEAN (693)					
	CENTROID, MOMENT TENSOR (HRV)					
	Data Used: GDSN					
	L.P.B.: 14S, 23C					
	Centroid Location:					
	Origin Time 12:45: 2.8 0.6					
	Lat 1.92N 0.06 Lon 101.19W 0.08					
	Dep 10.0 FIX Half-duration 1.7					
	Moment Tensor; Scale 10**24 D-CM					
	Mrr= 0.15 0.05 Mtt= 1.05 0.06					
	Mff=-1.19 0.08 Mrt= 0.32 0.22					
	Mrf= 0.53 0.20 Mtf= 0.44 0.06					
	Principal Axes:					
	T Val= 1.29 Plg=21 Azm=345					
	N 0.13 62 207					
	P -1.42 17 82					
	Best Double Couple:Mo=1.4*10**24					
	NP1:Strike=125 Dip=62 Slip= 3					
	NP2: 33 87 152					
PBJ	15.37	21 iPc	48	45.00	6.0X	
VHO	15.70	16 ePc	48	47.00	3.5X	
III	16.31	6 eP	48	57.00	5.7X	
IIC	17.71	6 eP	49	09.00	-0.1	
PSO	23.80	92 eP	50	15.50	0.7	
BOG	27.13	84 eP	50	39.00	-7.1X	
		eS	55	30.00		
LTX	27.24	355 P	50	47.00	0.3	
JCT	28.31	2 eP	50	55.80	-0.5	
	0.9s	16.81nm		4.8mb		
Z	20s	2.13um		4.7Msz		
BHO	32.69	10 eP	51	36.00	0.9	
ALQ	33.10	352 eP	51	38.00	-0.9	
	1.1s	9.49nm		4.6mb		
Z	18s	6.87um		5.4Msz		
TUL	34.05	8 eP	51	46.10	-0.8	
	0.9s	38.70nm		5.3mb		
Z	18s	0.27um		4.0Msz		
N	19s	0.77um				
E	18s	0.33um				
		eS	57	14.00		
		e	59	18.00		
OLY	34.47	14 P	51	50.00	-0.5	
POW	35.16	14 P	51	56.30	-0.1	
RSCP	36.37	22 P	52	07.00	0.3	
ELC	36.74	16 P	52	10.00	0.3	
LP8	37.47	121 Pd	52	16.00	-0.6	
		LR	00	40.00		
SLD	39.47	334 P	52	34.50	1.8	
CCH	39.52	121 P	52	35.00	1.3	
EUR	39.64	342 iP	52	36.00	1.7	
	1.0s	5.38nm		4.2mb		
JAS1	39.86	336 P	52	36.00	0.1	
BMN	40.90	341 P	52	46.00	1.4	
	1.0s	6.25nm		4.3mb		
BDW	41.25	351 P	52	47.00	-0.5	
	1.0s	16.50nm		4.7mb		
RSSD	41.97	357 eP	52	55.10	1.7	
	1.3s	32.26nm		4.9mb		
LRM	44.72	349 eP	53	15.60	-0.1	
NEW	48.06	346 eP	53	41.00	-0.9	
RSON	49.04	6 eP	53	48.10	-1.2	
	1.2s	15.17nm		4.9mb		
PNT	49.68	344 eP	53	55.00	0.7	
EDM	52.00	351 eP	54	11.50	-0.5	
FFC	52.51	359 ePc	54	15.10	-0.6	
	0.9s	8.00nm		4.6mb		

YKA 61.14 353 eP 55 16.00 -1.0
FRB 66.03 15 eP 55 49.00 0.0
PMR 69.46 338 P 56 11.00 0.4
INK 69.70 348 eP 56 12.00 0.0
COL 71.06 341 eP 56 20.00 -0.3
TTA 72.87 337 P 56 30.50 -0.8
MBC 74.83 356 eP 56 41.00 -1.3
AVY 145.19 121 ePKP 04 40.00 -1.1
QUE 145.98 19 ePKP 04 42.00 -0.1
KKN 149.70 349 iPKP 04 52.40 4.3X
PKI 149.89 348 iPKP 04 52.50 4.0X
S.D. = 0.9 on 34 of 40 obs.

MAY 11, 1985 13h 17m 32.98± 0.61s
39.320 N ± 5.2km 22.858 E ± 5.2km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.2 (ATH).

LIT 0.83 340 ePgc 17 47.90 -1.1
eSg 18 01.80
PAIG 0.88 46 lPgc 17 50.50 0.7
eSg 18 04.10
KZN 1.29 320 ePb 17 56.00 -1.0
THE 1.31 4 ePb 17 56.50 -0.7
eSb 18 15.00
OUR 1.33 40 ePbc 17 57.80 0.3
eSb 18 15.90
ATH 1.50 153 ePb 17 58.40 -1.6
eSb 18 18.90
eSg 18 21.00
SOH 1.55 14 ePbd 18 01.10 0.4
eSb 18 22.30
GRG 1.67 348 ePbd 18 02.30 -0.1
eSb 18 26.40
SRS 1.88 17 ePbd 18 05.60 0.1
eSb 18 29.60
VAY 2.01 354 iPn 18 07.40 0.1
VLS 2.11 238 ePn 18 10.00 1.2
MMB 2.36 16 iPc 18 12.00 -0.4
iS 18 37.00
OHR 2.39 319 iPn 18 13.90 1.1
PRK 2.65 91 ePg 18 17.00 0.5
SKO 2.86 338 ePn 18 23.50 4.0X
KDZ 3.00 39 iPd 18 20.00 -1.4
PLD 3.12 26 eP 18 32.00 9.0X
VTS 3.29 4 eP 18 26.00 0.5
iSg 19 16.00
DIM 3.42 36 eP 18 27.00 -0.4
PVL 4.20 24 iPd 18 39.00 0.5
JMB 4.23 41 eP 18 40.00 1.2
CVO 6.94 20 eP 19 08.00 -9.2X
VRI 7.14 22 eP 19 20.00 0.1
S.D. = 0.9 on 20 of 23 obs.

MAY 11, 1985 14h 02m 57.03± 0.58s
5.597 S ± 7.1km 151.101 E ± 3.9km
DEPTH = 44.1 ± 8.7 km
4.5mb (4 obs.)
NEW BRITAIN REGION (192)

RAB 1.76 37 iPd 03 26.00 0.5
BGA 4.09 98 iPc 03 58.00 -0.9
eS 04 50.00
LMG 4.40 221 iPd 04 02.30 -1.0
PAA 4.42 99 eP 04 02.00 -1.5
eS 04 51.00
MOM 5.11 314 eP 04 13.00 0.0
MDG 5.31 273 eP 04 15.00 -0.9
PMG 5.45 226 iPd 04 18.80 0.9
VSG 9.28 114 P 05 12.00 0.7
SVO 9.33 113 P 05 13.00 1.0
HNR 9.56 114 eP 05 15.00 -0.1
TZZ 9.84 271 eP 05 20.00 0.9
JAY 10.81 286 ePd 05 33.50 1.2
CTA 15.16 198 iPc 06 36.70 6.8X
1.1s 23.42nm 4.3mb
iS 09 40.00
ISO 18.75 216 iPc 07 15.60 0.6
RMO 20.90 186 iPc 07 39.40 1.3
MTN 20.98 249 eP 07 38.00 -1.0
WB2 21.65 227 iPd 07 44.20 -1.6
eS 11 41.70
WRA 21.66 227 Pd 07 45.20 -0.7
0.6s 15.50nm 4.6mb
KNA 24.13 244 eP 08 11.00 1.0
ASPA 24.43 221 iPc 08 14.20 1.2

STK 27.62 198 eP 08 42.00 -0.5
0.6s 4.00nm 4.2mb
YOU 28.65 185 eP 08 52.60 0.8
CAN 29.64 183 eP 09 12.00 11.3X
WAM 30.52 184 eP 09 15.00 6.6X
WBN 31.08 226 eP 09 13.00 -0.5
MBL 34.02 240 eP 09 38.00 -1.2
MEK 37.42 232 eP 10 08.00 0.0
0.4s 6.00nm 4.9mb
KLB 40.53 226 eP 10 33.00 -0.8
MRWA 40.64 231 eP 10 34.50 -0.2
BAL 40.78 228 eP 10 42.00 6.2X
TCW 41.07 153 P 10 38.60 0.6
MNG 41.16 151 eP 10 38.80 0.0
MSZ 41.61 162 P 10 52.00 9.6X
SBA 72.68 177 eP 14 28.90 7.2X
COL 83.25 22 eP 15 27.00 7.0X
SPA 84.44 180 e(P) 15 34.50 8.3X
BAO 151.67 138 e(PKP) 22 43.00 0.2
S.D. = 0.9 on 29 of 37 obs.

& MAY 11, 1985 16h 11m 35.50s
40.397 N 124.418 W
DEPTH = 5.0km (geophysicist)
NEAR COAST OF NORTHERN CALIF. (35)
<BRK>. ML 3.3 (BRK).

FHC 0.52 39 iP 11 46.60 0.6
eS 11 53.70
WDC 1.44 82 lP 12 00.20 -2.1
lS 12 18.20
GAS 1.50 119 eP 12 01.60 -1.7
MIN 2.15 90 iPd 12 10.20 -2.4
ORV 2.39 110 iPc 12 13.70 -2.3
LMHM 2.40 60 eP 12 13.50 -2.9
6 obs. assaciated

• MAY 11, 1985 16h 29m 29.85± 0.73s
36.254 N ±11.4km 70.639 E ±11.7km
DEPTH = 33.0km (normal)
4.3mb (6 obs.)
HINDU KUSH REGION (718)

QUE 6.79 208 eP 31 09.60 -0.4
eS 32 25.00
MHI 9.00 274 iPc 31 44.10 3.5X
eS 33 19.00
NDI 9.37 142 eP 31 49.00 3.4X
eS 33 23.50
DMN 14.99 121 eP 33 01.40 0.1
0.6s 10.00nm 4.3mb
KKN 15.00 120 eP 33 00.90 -0.4
0.5s 19.00nm 4.6mb
PKI 15.23 120 eP 33 04.20 -0.2
0.4s 11.00nm 4.5mb
HYB 20.03 157 eP 34 02.50 -0.4
GBA 23.36 163 Pc 34 37.60 1.3
0.6s 6.70nm 4.3mb
SUF 37.98 328 iP 36 47.40 1.5
HFS 43.08 322 eP 37 28.70 0.7
0.5s 1.80nm 4.1mb
NB2 44.40 323 P 37 36.60 -2.2
0.7s 1.60nm 4.0mb
S.D. = 1.3 on 9 of 11 obs.

MAY 11, 1985 18h 01m 18.47± 0.59s
5.705 S ± 8.8km 151.246 E ± 5.6km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
NEW BRITAIN REGION (192)

RAB 1.76 32 lPd 01 46.50 -0.7
BGA 3.94 97 lPd 02 18.00 -0.2
eS 03 06.00
PAA 4.26 98 eP 02 23.00 0.2
LAT 4.33 257 eP 02 28.00 4.4X
LMG 4.42 224 eP 02 23.50 -1.7
MOM 5.29 313 eP 02 38.00 0.8
MDG 5.46 274 eP 02 40.00 0.3
PMG 5.48 228 eP 02 41.00 1.1
VSG 9.10 113 P 03 31.00 0.3
SVO 9.16 112 P 03 30.00 -1.4
HNR 9.39 114 eP 03 35.00 0.5
RMO 20.80 186 eP 06 00.00 0.4
WRA 21.69 228 Pc 06 07.40 -1.3
0.5s 8.10nm 4.4mb
WBN 31.12 227 eP 07 35.50 -0.9

MSZ 41.46 162 P 09 06.30 2.5
S.D. = 1.2 on 14 of 15 obs.

• MAY 11, 1985 18h 46m 24.26± 0.86s
0.118 N ±13.2km 123.723 E ±14.1km
DEPTH = 184.8 ± 11.6 km
4.3mb (2 obs.)
MINAHASSA PENINSULA (265)

MNI 1.73 40 eP 46 58.60 -0.5
AAI 5.85 130 ePc 47 49.70 -0.5
KKM 9.53 308 ePc 48 40.20 1.5
0.4s 46.10nm 5.3mb X
WRA 22.49 153 Pc 51 10.10 1.1
0.6s 4.50nm 4.2mb
WB2 22.49 153 eP 51 09.10 0.1
IPM 23.10 281 ePd 51 14.80 -0.2
PKI 45.78 310 eP 54 29.20 -0.4
KKN 45.99 310 eP 54 30.20 -0.9
DMN 46.03 310 eP 54 31.30 -0.2
0.8s 12.00nm 4.4mb
MTD 92.08 253 eP 59 14.00 -0.2
KRI 93.97 253 eP 59 22.00 -1.0
INK 94.61 21 eP 59 26.00 1.2
BUL 94.84 250 eP 59 27.00 0.1
YKA 104.00 24 ePdiff 00 14.20 7.2X
S.D. = 0.9 on 13 of 14 obs.

MAY 11, 1985 20h 18m 38.92± 0.35s
42.216 N ± 3.3km 143.083 E ± 4.6km
DEPTH = 67.8 ± 2.9 km
5.2mb (54 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (III JMA) at Urakawa and Obihiro, (II JMA) at Sapporo and Kushiro, (I JMA) at Nemuro. Felt also at Hachinohe, Honshu.

URA 0.23 256 iPc 18 49.90 0.4
iS 18 57.00
OBI 0.71 8 eP 18 53.00 -1.0
iS 19 03.90
KUS 1.23 51 P 19 01.00 0.4
S 19 15.60
SAP 1.54 304 lPd 19 04.70 -0.1
S 19 23.60
MRR 1.56 274 eP 19 05.00 0.0
lS 19 23.50
ASA 1.64 342 ePd 19 06.00 -0.1
S 19 26.50
HAK 1.78 258 Pc 19 09.10 1.1
S 19 30.00
ABJ 2.00 26 eP 19 12.00 0.9
S 19 36.20
RMJ 2.03 329 Pd 19 11.70 0.2
iS 19 36.60
HAC 2.06 215 eP 19 13.00 1.2
eS 19 36.00
NEM 2.15 58 eP 19 13.00 -0.2
S 19 36.70
SUT 2.18 286 eP 19 13.00 -0.6
S 19 40.60
AOM 2.22 232 eP 19 15.00 0.8
eS 19 43.00
MIY 2.70 199 eP 19 23.00 2.1
S 19 50.40
MRK 2.90 211 eP 19 25.00 1.3
eS 19 59.00
WAK 3.36 343 eP 19 31.00 0.9
eS 20 09.00
AKI 3.36 223 eP 19 32.00 1.8
TSK 6.43 202 eP 20 11.10 -1.9
MAT 6.81 215 iPc 20 17.90 -0.4
eS 21 38.00
DDR 6.91 207 eP 20 17.90 -1.8
S 21 32.20
SRY 7.23 205 eP 20 22.50 -1.7
KYS 7.37 199 eP 20 25.60 -0.5
OYM 7.42 205 eP 20 24.00 -2.8
SHK 11.20 230 eP 21 17.20 -1.2
BJI 20.36 273 eP 23 08.50 -3.6X
N 18s 1.80um
SSE 20.72 245 eP 23 10.00 -5.8X
Z 28s 2.00um 4.3MszX
N 24s 3.00um
eS 27 08.00
sS 27 14.00

11d 20h

ANP	24.60	233	eP	23	55.00	0.9
GUA	28.62	176	e(P)	24	29.10	-1.8
LZH	30.84	272	eP	24	50.50	-0.2
	1.0s	45.00nm			5.2mb	
BAG	32.15	224	eP	25	03.50	1.2
KMI	37.26	255	P+	25	46.00	0.0
N	15s	0.60um				
		eS		31	30.00	
CHTO	43.98	252	iPc	26	41.90	0.7
	0.8s	21.96nm			5.0mb	
Z	20s	0.74um			4.6Msz	
COL	44.08	35	eP	26	41.00	-0.4
	0.8s	26.12nm			5.1mb	
SHL	44.95	265	iP	26	48.40	-0.7
KKN	48.61	272	iPc	27	18.00	0.1
PKI	48.64	272	iPc	27	18.00	-0.2
	0.9s	49.00nm			5.5mb	
DMN	48.84	272	iPc	27	20.00	0.3
	0.8s	63.00nm			5.7mb	
INK	49.23	29	eP	27	21.00	-0.8
MBC	51.20	18	eP	27	30.00	-6.8X
	0.5s	8.00nm			5.0mb	
IPM	52.92	237	ePd	27	51.70	1.3
KGM	53.55	233	ePd	27	56.20	1.2
NDI	54.09	278	iPc	27	57.50	-1.4
		e(S)		35	39.80	
ALE	54.88	4	eP	28	02.00	-2.0
	0.9s	10.00nm			4.8mb	
PSI	55.69	237	ePd	28	10.80	0.2
	0.8s	23.60nm			5.3mb	
YKA	58.71	32	eP	28	31.10	-0.3
YKC	58.77	32	eP	28	32.00	0.2
	0.6s	7.00nm			5.0mb	
KEV	59.08	339	iP	28	32.60	-1.2
	0.6s	17.00nm			5.4mb	
		eS		36	36.00	
HYB	59.73	266	eP	28	38.00	-1.0
	0.8s	34.60nm			5.5mb	
		e		29	03.50	
		e		29	24.50	
SOD	60.71	337	iP	28	43.30	-1.7
QUE	60.72	285	eP	28	44.00	-1.9
DAG	60.74	355	iPd	28	42.60	-2.5
	0.7s	17.12nm			5.3mb	
TRO	61.23	341	eP	28	47.50	-1.1
WB2	62.37	189	eP	28	56.20	-0.4
WRA	62.37	189	P	28	58.00	1.4
	1.1s	8.20nm			4.7mb	
KJF	62.44	334	iP	28	55.00	-1.7
	0.8s	30.80nm			5.5mb	
		eS		37	20.00	
		esS		38	00.00	
MHI	62.51	295	iPc	28	57.30	-0.4
GBA	62.98	264	Pc	29	00.10	-0.7
	0.7s	20.10nm			5.3mb	
SUF	63.96	333	iP	29	04.70	-2.0
	0.8s	24.50nm			5.2mb	
EDM	64.53	40	eP	29	10.00	-0.6
KOD	65.16	261	eP	29	14.30	-1.2
NEW	65.57	46	eP	29	17.00	-0.4
NUR	66.00	332	iP	29	12.60	-7.2X
	0.7s	26.60nm			5.3mb	
Z	23s	0.90um			4.9MszX	
		LR		59	40.00	
NUR	66.00	332	iP	29	18.20	-1.6
	0.6s	28.70nm			5.4mb	
Z	23s	0.90um			4.9MszX	
		eS		38	04.00	
		LR		59	40.00	
GDH	68.17	6	eP	29	32.00	-1.4
IR2	68.56	299	eP	29	36.00	-0.6
FFC	68.68	34	eP	29	36.00	-0.8
	1.0s	11.00nm			4.8mb	
UPP	68.87	334	iP	29	36.00	-1.8
HFS	69.90	336	iPc	29	42.60	-1.5
	0.8s	22.20nm			5.1mb	
Z	22s	0.49um			4.7Msz	
		LR		55	29.00	
NB2	69.91	337	P	29	40.60	-3.7X
	0.9s	21.80nm			5.1mb	
TAB	70.00	303	eP	29	48.00	2.7
SHI	71.15	293	eP	29	52.00	-0.4
FRB	71.44	14	eP	29	53.00	-0.4
EUR	71.65	53	iP	29	56.00	0.6
	0.2s	4.74nm			5.1mb	
KER	71.82	300	ePc	29	55.00	-1.4
MUD	74.29	335	iP	30	10.10	0.0
KRA	75.52	326	iPc	30	17.10	-0.3
	0.7s	41.00nm			5.5mb	
Z	20s	1.40um			5.3Msz	
N	20s	1.30um				
E	20s	1.10um				
		i		30	19.60	
		i		30	24.60	
		e		40	23.00	
VRI	75.61	320	eP	30	20.00	2.0
SPC	76.06	325	eP	30	21.20	0.5
MLR	76.26	320	eP	30	22.00	0.2
YOU	76.28	175	eP	30	24.70	3.0X
KSP	76.37	329	iPc	30	22.00	-0.2
	0.8s	20.00nm			5.1mb	
CLL	77.24	330	iPd	30	26.80	-0.1
	0.8s	25.00nm			5.2mb	
BRG	77.24	330	eP	30	27.00	0.0
PRU	77.73	329	Pc	30	30.00	0.3
		e		30	52.50	
		e		31	42.50	
MOX	78.29	331	e(P)	30	32.50	-0.2
Z	30s	0.50um			4.7MszX	
E	30s	0.50um				
HOF	78.46	331	iPc	30	33.70	0.0
	0.8s	18.00nm			5.1mb	
EKA	78.67	341	Pd	30	34.80	0.1
	0.6s	7.10nm			4.8mb	
KHC	78.79	329	iPc	30	36.20	0.6
	0.7s	19.50nm			5.2mb	
		e		31	04.40	
WTS	78.80	334	eP	30	35.50	0.0
	0.8s	19.00nm			5.1mb	
DIM	78.98	318	eP	30	31.00	-5.6X
EDC	79.06	315	iP	30	37.20	0.1
DST	79.20	314	iP	30	37.90	0.0
GRF	79.22	331	iPc	30	38.30	0.5
	0.8s	31.00nm			5.3mb	
Z	22s	0.30um			4.6Msz	
KDZ	79.40	318	iP	30	39.00	0.1
HRI	79.63	306	eP	30	41.00	0.5
VTS	79.74	319	iPc	30	41.00	0.3
ENN	80.14	334	ePd	30	43.00	0.3
	0.9s	20.00nm			5.0mb	
BHG	80.21	328	eP	30	43.70	0.5
MMB	80.24	318	iPc	30	44.00	0.5
MEM	80.25	334	Pc	30	43.80	0.5
FUR	80.46	330	iPc	30	44.70	0.2
	0.8s	24.00nm			5.2mb	
KBA	80.56	328	iPd	30	45.70	0.5
		i		30	49.00	
		i		31	14.80	
LJU	80.92	327	eP	30	47.00	0.1
JER	81.00	305	eP	30	47.50	-0.2
VAY	81.01	319	iP	30	47.70	0.2
SKO	81.06	320	iP	30	48.70	0.9
DOU	81.15	334	P	30	48.00	-0.1
VOY	81.19	327	ePc	30	46.00	-2.5
TRI	81.50	327	iPd	30	49.20	-0.7
CDF	81.70	332	eP	30	50.80	-0.3
	0.7s	7.40nm			4.7mb	
ETA	81.81	342	eP	30	51.50	0.1
	0.9s	50.00nm			5.5mb	
SLE	81.82	331	ePd	30	51.20	-0.4
SAX	81.94	330	ePd	30	52.70	0.1
OHR	82.03	320	eP	30	52.30	-0.6
CTI	82.07	328	eP	30	52.30	-0.8
ZUL	82.10	331	ePd	30	53.00	-0.1
OSS	82.12	329	ePd	30	53.80	0.4
PRNI	82.12	304	eP	30	54.50	1.0
ECB	82.25	342	eP	30	54.00	0.3
	0.8s	30.00nm			5.3mb	
ECP	82.33	342	eP	30	54.40	0.3
	0.9s	75.00nm			5.6mb	
BSF	82.37	332	eP	30	54.20	-0.4
HAU	82.37	332	eP	30	54.20	-0.3
LLS	82.39	330	ePd	30	54.90	0.0
VDL	82.54	330	ePd	30	56.00	0.4
SAL	82.87	329	iPd	30	56.80	-0.2
MMK	83.46	330	ePd	31	00.80	0.4
ORO	83.82	330	e(P)	31	02.90	0.8
EMS	83.83	331	ePd	31	02.50	0.3
LOR	83.85	333	iPc	31	02.00	-0.1
	0.8s	18.80nm			5.2mb	
FLN	83.89	337	eP	31	01.90	-0.3
LDF	83.93	336	eP	31	02.10	-0.4
LBF	84.06	333	iPc	31	02.90	-0.3
	0.7s	12.60nm			5.1mb	
GRC	84.09	334	iPc	31	03.40	0.2
		i		31	16.00	
SSF	84.15	334	eP	31	03.60	0.0
	0.8s	13.90nm			5.0mb	
GRR	84.34	337	eP	31	04.50	0.0
	0.8s	18.00nm			5.2mb	
SMF	84.40	333	eP	31	05.00	0.1
	0.8s	20.10nm			5.2mb	
AVF	84.44	333	iPc	31	05.30	0.3
	0.8s	32.10nm			5.4mb	
DUI	84.50	324	eP	31	06.10	0.7
MNS	84.67	325	eP	31	06.00	-0.2
LPF	84.71	337	eP	31	06.70	0.4
	0.8s	9.90nm			4.9mb	
BGF	84.81	334	eP	31	07.70	0.8
	0.8s	6.90nm			4.8mb	
ORI	84.91	322	eP	31	08.40	1.0
MZF	85.20	334	eP	31	09.60	0.7
TCF	85.26	334	eP	31	09.40	0.2
	0.8s	4.90nm			4.6mb	
TUL	85.46	44	e(P)	31	20.70	10.4X
	1.0s	20.30nm				
Z	23s	0.20um			4.4MszX	
LSF	85.51	334	iPc	31	10.80	0.4
	0.7s	14.20nm			5.2mb	
RLO	85.66	44	e(P)	31	13.90	2.6
MFF	85.72	336	eP	31	12.20	0.8
	0.9s	24.20nm			5.3mb	
FRF	86.08	330	eP	31	13.00	-0.3
LRG	86.28	330	eP	31	14.20	0.0
	1.0s	54.10nm			5.6mb	
LMR	86.33	330	eP	31	14.40	-0.1
	0.9s	19.40nm			5.2mb	
RJF	86.35	334	eP	31	15.20	0.6
	0.9s	11.10nm			5.0mb	
CAF	86.51	333	iPc	31	16.80	1.4
	0.7s	19.80nm			5.3mb	
LFF	86.93	334	eP	31	18.60	1.2
	0.8s	24.80nm			5.4mb	
LPO	87.01	334	eP	31	19.00	1.2
	0.7s	16.30nm			5.3mb	
BHO	87.12	45	e(P)	31	07.60	-10.9X
MLS	88.58	333	eP	31	25.90	0.5
EPF	88.76	334	iPc	31	27.40	1.1
	0.8s	7.20nm			5.0mb	
LGR	90.19	335	eP	31	35.00	2.0
TOL	93.01	335	eP	31	47.50	1.5
ITR	146.65	3	ePKP	38	14.40	1.4
	0.6s	4.60nm				
SOB1	146.94	7	ePKP	38	15.00	1.5
		e		38	23.80	
		e		38	29.90	
		e		38	39.30	
		e		39	00.20	
YJA	148.85	59	ePKP	38	19.00	2.1X
BAO	151.85	23	PKP	38	28.40	7.3X

S.D. = 1.0 on 153 of 164 obs.

* MAY 11, 1985 20h 41m 47.38± 0.77s
40.287 N ±12.0km 74.196 E ±12.6km
DEPTH = 33.0km (normal)
4.2mb (3 obs.)
KIRGHIZ-XINJIANG BORDER REGION (320)

QUE	11.68	213	eP	44	36.40	1.5
MHI	12.22	256	eP	44	40.00	-2.0
KKN	15.47	140	eP	45	24.60	-0.3
DMN	15.53	141	eP	45	25.00	-0.8
PKI	15.71	140	eP	45	28.20	0.0
IR2	18.92	263	(P)	46	10.00	2.0X
SUF	36.17	325	iP	48	48.90	0.7
	0.5s	1.50nm			4.2mb	
HFS	41.74	319	eP	49	34.80	0.2
	0.5s	6.80nm			4.6mb	
NB2	42.96	320	P	49	42.00	-2.7
	0.5s	2.20nm			4.1mb	
TRI	43.61	298	eP	49	51.00	1.0
YKA	77.32	4	eP	53	40.70	0.9
KIC	77.48	268	eP	53	43.10	1.6

S.D. = 1.5 on 11 of 12 obs.

MAY 11, 1985 20h 53m 13.10± 0.49s
6.781 N ± 5.7km 72.999 W ± 7.3km
DEPTH = 170.4 ± 5.4 km
4.2mb (3 obs.)
NORTHERN COLOMBIA (99)

```
BMG      0.30 345 iP     53 36.50  -1.2
BOG      2.39 206 iP     53 54.50  -0.3
                  iS     54 24.50
UAV      2.58  45 iPnd   53 57.60   0.7
        0.4s    194.40nm
SDV      3.14  48 iPnc   54 04.20   0.4
        0.3s     75.00nm
UPA      6.83 289 eP     54 47.80  -4.1X
PSO      7.03 218 eP     54 55.50   0.5
CAR      7.05  58 iPnd   54 54.00  -1.0
        0.3s     62.34nm          5.4mb X
PCJ     11.63 340 eP     55 54.88  -0.2
                  eS     57 53.83
HOJ     11.74 342 eP     55 57.33   0.9
                  eS     57 55.53
GWJ     11.80 342 eP     55 58.08   0.6
STH     11.83 342 eP     55 58.53   0.9
                  eS     57 58.73
BBJ     12.26 341 eP     56 02.78  -0.5
                  eS     58 06.13
BAO     33.31 132 e(P)   59 37.40   0.4
SOB1    35.72 116 eP     59 58.20   0.9
        0.6s     5.40nm          4.4mb
                  e      00 01.00
ITR     37.76 114 eP     00 15.10   0.6
RSON    47.20 342 eP     01 29.30  -1.0
        0.6s     5.01nm          4.3mb
SCH     48.16   5 eP     01 38.00   0.3
YKC     63.29 340 eP     03 25.00  -0.5
YKA     63.34 340 eP     03 25.90   0.0
KIC     67.76  86 iP     03 54.90   0.0
M8C     73.86 350 eP     04 32.00   1.7
NB2     81.30  29 P      05 09.20  -2.2
        0.7s     1.00nm          3.7mb
SHL    144.65  24 iPKP   12 30.70  -1.2
ASPA   149.19 234 ePKP   12 44.00   4.9X
W82    150.41 241 iPKPc  12 46.30   5.3X
WRA    150.42 241 PKPc   12 46.90   5.9X
        0.4s     5.70nm
      S.D. = 1.0  on  22 of  26 obs.

& MAY 11, 1985  21h 29m 54.53s
   59.928 N          151.072 W
   DEPTH = 64.1km
 KENAI PENINSULA, ALASKA              ( 14)
      <AGS-P>.

BRLK     0.19 150 iP     30 04.43  -0.2
                  eS     30 11.68
HOM      0.40 227 eP     30 06.50   0.5
CNPM     0.41 192 iPd    30 06.30   0.1
SLKM     0.72  36 iP     30 08.84  -0.7
                  eS     30 19.94
NKA      0.82 354 eP     30 11.95   1.3
                  eS     30 25.48
SEW      0.83  77 iP     30 09.76  -1.1
                  eS     30 21.90
ILM      0.91 287 iP     30 11.44  -0.4
                  eS     30 24.41
RDT      0.93 315 iP     30 11.60  -0.6
                  eS     30 24.31
RED      0.98 301 iPd    30 12.20  -0.7
MPA      1.02  56 iP     30 12.47  -0.8
OPT      1.13 257 eP     30 14.90   0.2
ALL      1.32 246 eP     30 18.00   0.7
SPU      1.35 339 iP     30 17.13  -0.6
                  eS     30 37.12
PTE      1.38  46 iP     30 17.23  -0.9
CRP      1.45 339 eP     30 18.94  -0.2
CGLM     1.46 342 eP     30 19.01  -0.3
PMS      1.52  29 iP     30 19.41  -0.6
SUA      1.55   6 eP     30 19.82  -0.7
CDD      1.65 234 eP     30 22.10   0.2
PWA      1.83  18 eP     30 23.80  -0.4
PLRM     1.92  29 iP     30 24.43  -1.1
KNK      1.97  40 iP     30 25.06  -1.2
PME      1.98  30 eP     30 25.37  -1.0
CFI      2.06  51 iP     30 25.77  -1.7
                  eS     30 48.98
SKT      2.07 354 eP     30 27.49  -0.2
                  eS     30 52.17
SKT      2.07 354 eP     30 27.41  -0.3
GHO      2.13  29 iP     30 27.53  -1.0
MSE      2.18  27 eP     30 27.90  -1.3
GLI      2.19  62 iP     30 27.13  -2.2
                  eS     30 51.65
TTV      2.26  58 eP     30 28.56  -1.7

KDC      2.31 199 eP     30 29.68  -1.2
SML      2.31  34 iP     30 29.86  -1.2
FID      2.43  68 iP     30 29.82  -2.8
                  eS     30 56.36
VZW      2.51  61 eP     30 31.65  -2.1
VLZ      2.64  61 eP     30 33.53  -2.0
SCM      2.65  42 eP     30 34.86  -0.9
KLU      2.98  56 iP     30 38.75  -1.7
TOA      3.23  45 eP     30 43.09  -0.9
KMP      3.37  59 eP     30 43.86  -2.1
COL      5.22  16 eP     31 10.00  -1.8
        40 obs. associated

% MAY 11, 1985  22h 40m 19.31± 2.61s
   39.441 N ± 8.5km   26.211 E ±24.8km
   DEPTH = 10.0km  (geophysicist)
 TURKEY                               (366)

EZN      0.39  13 iPg    40 27.20  -0.2
                  iSg    40 34.20
KGT      1.31  39 iPn    40 43.90   0.3
IZM      1.33 141 iPn    40 44.00   0.2
EDC      1.56  54 ePn    40 46.70  -0.4
MFT      1.57  31 ePn    40 48.40   1.0
KCT      1.84  63 ePn    40 52.00   0.8
DST      1.88  84 iPn    40 50.90  -0.9
DMK      2.65  26 ePn    41 02.00  -0.9
      S.D. = 0.8  on   8 of   8 obs.

* MAY 11, 1985  23h 13m 27.48± 1.78s
   50.308 N ±22.2km   19.323 E ±12.8km
   DEPTH = 10.0km  (geophysicist)
 POLAND                               (548)
      ML 2.9 (KRA).

KRA      0.47 122 iPgd   13 37.50   0.5
                  iSg    13 44.70
SPC      1.27 152 e(Pn)  13 50.40  -0.8
                  i(Sn)  14 08.70
KSP      2.00 287 ePn    14 00.70  -1.0
                  ePg    14 03.00
                  eS     14 26.00
PSZ      2.42 171 eP     14 08.00   0.2
PRU      3.09 266 ePg    14 19.00   1.8
                  Sg     14 56.80
                  i      15 01.70
8RG      3.47 281 ePg    14 31.00   8.4X
                  eSg    15 14.00
KHC      3.91 255 ePg    14 28.20  -0.7
                  eSg    15 23.40
      S.D. = 1.4  on   6 of   7 obs.

? MAY 11, 1985  23h 29m 02.22± 1.24s
    1.436 N ±18.1km  101.603 W ±23.3km
   DEPTH = 10.0km  (geophysicist)
   4.4mb (  5 obs.)
 EAST CENTRAL PACIFIC OCEAN           (693)

TPM     17.61   8 ePc    33 11.00   1.3
OXM     17.85   6 ePc    33 13.00   0.2
LTX     27.81 356 eP     34 54.00   0.2
        1.0s     2.00nm          3.8mb
JCT     28.93   3 eP     35 02.10  -1.7
        1.2s    11.72nm          4.5mb
ALQ     33.64 353 eP     35 44.00  -1.5
        1.2s     7.81nm          4.5mb
GLA     33.81 340 eP     35 48.00   1.2
BAR     34.16 337 eP     35 50.00   0.2
CLC     37.29 338 eP     36 17.00   0.7
CCH     39.63 120 P      36 42.70   6.2X
BDW     41.77 351 eP     36 53.30  -0.4
        1.4s    12.56nm          4.5mb
RSSD    42.56 357 eP     37 00.20   0.2
        1.0s     6.00nm          4.3mb
EDM     52.52 351 eP     38 16.50  -1.3
SOB1    61.38 101 e(P)   39 20.00  -1.4
YKC     61.66 353 eP     39 22.00  -0.3
YKA     61.69 353 eP     39 21.70  -0.8
ITR     63.76 100 eP     39 38.90   1.7
INK     70.19 348 eP     40 18.00   1.2
MBC     75.40 356 eP     40 48.00   0.6
QUE    146.71  18 ePKP   48 49.00   3.8X
KKN    150.20 348 ePKP   48 58.60   7.9X
PKI    150.38 347 ePKP   48 58.90   7.7X
      S.D. = 1.1  on  17 of  21 obs.

* MAY 12, 1985  00h 43m 12.24± 1.15s
   38.610 N ± 8.4km   20.214 E ± 9.9km
   DEPTH = 23.4 ±  7.2 km
   3.5mb (  1 obs.)
 GREECE                               (364)
      ML 4.0 (ATH).

VLS      0.52 146 iPgc   43 23.00   0.2
KZN      2.08  35 ePg    43 47.00   0.6
LIT      2.31  49 ePn    43 50.20   0.6
                  eSn    44 19.50
LCI      2.45 315 ePn    44 02.00  10.4X
                  eSn    44 32.80
OHR      2.54  10 iPn    43 54.90   2.0
ATH      2.83 102 ePb    43 58.60   1.7
                  eSn    44 33.40
GRG      2.89  35 ePn    43 56.60  -1.1
THE      2.93  46 ePn    43 57.90  -0.4
PAIG     2.99  63 ePn    43 58.00  -1.2
                  eSn    44 33.40
BRT      3.24 315 ePn    44 19.00  16.2X
                  eSn    45 02.20
ORI      3.25 297 e(Pn)  44 09.50   6.6X
SOH      3.28  47 ePn    44 03.70   0.4
                  eSn    44 40.40
SKO      3.49  15 ePn    44 08.50   2.2
                  iSn    44 45.50
SRS      3.61  45 ePn    44 07.80  -0.3
TTG      3.88 350 ePn    44 12.50   0.7
                  eSn    44 56.50
MMB      4.01  41 eP     44 14.00   0.2
                  eS     44 45.00
VTS      4.59  29 eP     44 21.00  -0.9
                  iSg    45 11.00
PRK      4.77  80 ePb    44 29.30   4.9X
KDZ      4.97  51 iP     44 30.00   2.7X
DIM      5.35  48 eP     44 39.00   6.3X
DUI      5.36 306 e(Pn)  44 47.50  14.7X
CEY      8.32 331 e(Pn)  45 14.10  -0.2
                  eSn    46 48.30
VOY      8.77 330 ePn    45 20.00  -0.6
                  e(Sn)  46 56.60
NB2     23.15 349 P      48 16.80  -0.7
        0.7s     1.00nm          3.5mb
      S.D. = 1.2  on  17 of  24 obs.

% MAY 12, 1985  01h 03m 54.05± 1.71s
   39.414 N ± 7.6km   26.363 E ±16.2km
   DEPTH = 10.0km  (geophysicist)
 TURKEY                               (366)

EZN      0.41 356 iPg    04 02.20  -0.3
                  iSg    04 08.70
IZM      1.23 145 iPn    04 17.00   0.0
KGT      1.26  35 iPn    04 17.30  -0.2
EDC      1.48  51 iPn    04 21.20   0.4
MFT      1.54  27 ePn    04 22.30   0.6
KCT      1.75  61 ePn    04 24.00  -0.6
DST      1.76  83 iPn    04 24.90   0.0
YLV      2.58  63 ePn    04 42.00   5.3X
      S.D. = 0.5  on   7 of   8 obs

* MAY 12, 1985  02h 02m 14.38± 1.23s
   43.412 N ± 9.6km   13.226 E ±30.1km
   DEPTH = 10.0km  (geophysicist)
 CENTRAL ITALY                        (381)

AQU      1.07 173 ePg    92 48.50   6.0X
                  eSg    03 03.50
MNS      1.10 202 ePg    92 35.00   0.0
                  eSg    02 52.50
TRI      2.33   9 ePn    02 53.00  -0.3
                  ePg    02 58.50
                  iSn    03 25.10
                  iSb    03 33.00
                  iSg    03 35.60
CEY      2.48  20 e(Pn)  03 02.40   6.9X
                  eSn    03 30.10
VOY      2.66  10 ePn    02 58.80   0.6
                  e(Sn)  03 30.80
CTI      2.87 337 ePn    03 01.20   0.2
                  eSn    03 32.00
KBA      3.67   1 ePn    03 12.00  -0.5
                  e      03 55.00
                  i      04 20.90
KHC      5.73   2 ePg    03 45.50   4.0X
                  e      04 30.00
                  e      04 46.20
```

12d 02h

S.D. = 0.6 on 5 of 8 obs.

• MAY 12, 1985 03h 22m 12.14± 0.88s
6.111 S ±10.7km 151.737 E ±11.9km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.95	13	eP	22	42.00	-1.6
BGA	3.42	91	eP	23	06.00	1.4X
			eS	23	49.00	
KVG	3.64	345	eP	23	09.00	1.5
PAA	3.74	93	iPc	23	09.50	0.5
LMG	4.51	232	eP	23	20.00	-0.1
LAT	4.74	263	eP	23	32.00	8.9X
PMG	5.60	234	eP	23	38.00	2.7X
WB2	21.78	229	eP	27	02.30	-0.9
WRA	21.79	229	P	27	04.00	0.7
	0.4s		2.00nm			3.9mb

S.D. = 1.5 on 6 of 9 obs.

? MAY 12, 1985 04h 10m 39.84± 4.73s
33.318 S ±11.7km 72.113 W ±34.7km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.86	138	iPc	10	56.70	0.2
			iS	11	10.60	
ROCH	0.99	70	iPd	10	58.40	-0.3
			iS	11	13.20	
TACH	1.04	109	iP	10	59.50	0.1
			iS	11	15.40	
PEL	1.21	82	iPc	11	02.50	0.1
			iS	11	21.50	
SAN	1.22	97	iPc	11	02.70	0.1
			iS	11	21.00	
CHCH	1.36	117	iPc	11	04.30	-0.6
PCH	1.37	103	iP	11	05.10	0.0
FCH	1.53	91	iPc	11	07.50	0.0
			iS	11	31.00	
TCA	6.67	75	ePc	12	20.70	0.4

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

• MAY 12, 1985 04h 29m 51.71± 0.67s
9.987 S ±13.3km 113.744 E ±19.6km
DEPTH = 33.0km (normal)
4.7mb (5 obs.)
SOUTH OF JAVA (282)

TRT	2.52	334	iPc	30	32.80	1.6
			iS	30	55.20	
LEM	6.83	297	ePc	31	43.00	10.7X
MBL	12.56	153	eP	32	47.00	-4.0X
	0.3s		3.00nm			4.9mb
			eS	34	55.00	
NAU	12.60	173	eP	32	50.00	-1.5
			eS	35	00.00	
MEK	17.15	165	eP	33	52.00	1.4
	0.3s		7.00nm			4.3mb
			eS	36	46.00	
MTN	17.28	101	iPd	33	54.40	2.2X
WBN	20.15	145	eP	34	27.00	0.9
WRA	22.20	119	Pc	34	46.90	-0.1
	0.6s		6.00nm			4.2mb
WB2	22.21	119	eP	34	46.70	-0.4
			eS	38	44.80	
SHL	41.26	329	iP	37	34.00	-1.8
GBA	42.98	302	P	37	51.00	1.2
DMN	46.55	324	eP	38	17.60	-1.0
	0.5s		15.00nm			5.2mb
KKN	46.58	324	eP	38	18.30	-0.5
	0.6s		8.00nm			4.9mb
ITR	146.62	237	e(PKP)	49	35.00	4.0X
SOB1	148.36	234	ePKP	49	40.00	6.2X
	0.6s		2.20nm			
			e	49	58.00	

S.D. = 1.4 on 10 of 15 obs.

MAY 12, 1985 04h 47m 58.34± 0.64s
5.639 S ± 8.3km 151.311 E ± 7.7km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.67	31	iPc	48	25.80	0.1
KVG	3.09	350	eP	48	46.00	0.1
BGA	3.88	98	iPc	48	56.30	-1.0
			eS	49	49.00	
LAT	4.40	257	eP	49	09.00	4.4X
LMG	4.51	224	eP	50	04.50	58.2X
MOM	5.29	312	eP	49	18.00	0.9
MDG	5.52	274	eP	49	20.50	0.1
PMG	5.57	227	eP	49	21.00	-0.1
VSG	9.07	114	P	50	12.00	1.9
SVO	9.13	113	P	50	16.00	5.2X
RMO	20.88	186	eP	52	40.00	-0.2
WB2	21.77	228	eP	52	47.30	-2.1
WRA	21.78	228	Pd	52	51.20	1.8
	0.6s		5.90nm			4.2mb
COL	83.21	22	eP	00	21.00	-1.4

S.D. = 1.4 on 11 of 14 obs.

MAY 12, 1985 04h 57m 17.91± 0.53s
15.459 S ± 6.0km 70.275 W ± 8.3km
DEPTH = 225.2 ± 5.9 km
4.5mb (5 obs.)
SOUTHERN PERU (117)

ARE	1.54	229	iPc	57	55.00	0.1
			iS	58	23.00	
LPB	2.35	117	iPd	58	03.60	0.9
	0.8s		597.02nm			
			S	58	37.00	
CCH	4.40	116	iPd	58	27.00	0.6
	0.7s		10.00nm			
NNA	7.25	298	iPd	59	02.40	0.0
	0.9s		43.70nm			4.6mb
			eS	00	24.00	
YJA	8.06	147	ePd	59	11.90	-1.3
			S	00	44.60	
SLA	10.26	155	ePc	59	40.00	-1.2
			S	01	32.00	
TCA	16.64	163	ePd	00	58.40	-1.8
JACH	17.15	181	eP	01	00.10	-5.5X
ROCH	17.45	182	iP	01	09.00	0.1
PEL	17.61	181	iPc	01	10.40	-0.1
FCH	17.79	180	ePc	01	13.90	1.2
SAN	17.92	181	eP	01	13.80	0.1
PSO	17.95	337	eP	01	15.00	0.5
PCH	18.08	181	eP	01	16.00	0.5
TACH	18.13	182	eP	01	16.50	0.7
LNV	18.45	183	eP	01	06.90	-12.2X
BOG	20.30	349	eP	01	43.50	5.1X
VAO	23.23	112	e(P)	02	07.00	0.4
JCT	53.80	328	iP	06	19.00	-0.7
	1.0s		10.00nm			4.3mb
ALQ	60.77	326	eP	07	07.00	-1.5
	0.9s		6.30nm			4.3mb
EDM	77.77	335	iPc	08	50.50	-0.9
PNT	77.83	329	eP	08	52.00	0.3
	0.7s		9.00nm			4.6mb
YKC	85.03	341	eP	09	29.00	0.2
	0.7s		7.00nm			4.6mb
YKA	85.09	341	eP	09	28.90	-0.2
INK	94.83	341	eP	10	15.00	0.3
WB2	137.29	215	ePKP	16	17.20	0.3
WRA	137.30	215	PKPd	16	18.40	1.4
	0.5s		1.00nm			
MAT	147.10	315	iPKPd	16	36.10	2.6X
	0.8s		39.55nm			
GBA	148.70	89	PKPc	16	40.90	4.3X
	0.6s		17.00nm			

S.D. = 0.9 on 24 of 29 obs.

? MAY 12, 1985 05h 23m 03.32± 3.48s
4.657 N ±33.6km 73.688 W ±13.6km
DEPTH = 33.0km (normal)
COLOMBIA (103)

UAV	4.67	33	iPnc	24	14.50	1.0
	0.3s		63.60nm			
SDV	5.18	36	iPnc	24	21.00	0.2
TOV	6.39	37	ePn	24	36.70	-1.1
PCJ	13.44	346	eP	26	14.73	0.4
STH	13.68	347	eP	26	17.98	0.5
BBJ	14.08	346	eP	26	21.68	-1.1
			eS	28	28.58	
YKA	65.09	340	eP	33	42.80	0.1

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

MAY 12, 1985 07h 13m 26.49± 0.42s
52.152 N ± 8.6km 159.076 E ± 7.2km
DEPTH = 66.6km (3 depth phases)
4.8mb (29 obs.)

OFF EAST COAST OF KAMCHATKA (219)
Felt (III) at Petropovlovsk-Komchotskiy.

MAT	21.47	232	eP	18	11.00	0.0
	1.0s		38.00nm			4.7mb
COL	29.53	44	eP	19	25.50	-0.8
INK	35.01	37	ePc	20	13.60	-0.2
MBC	38.15	23	eP	20	40.00	-0.2
ALE	43.95	7	ePc	21	27.40	-0.4
	0.5s		8.00nm			4.8mb
YKA	44.28	42	eP	21	31.20	0.6
YKC	44.34	42	eP	21	31.00	-0.1
EDM	49.83	52	eP	22	14.00	-0.3
DAG	51.34	359	iPd	22	24.00	-1.4
	0.7s		15.75nm			5.2mb
SOD	55.57	340	eP	22	55.00	-1.7
BMN	55.92	66	eP	23	00.00	0.2
	0.7s		0.67nm			3.8mb X
			pP	23	14.00	51kmX
CHTO	57.10	258	eP	23	08.30	0.1
	0.8s		11.16nm			5.0mb
EUR	57.27	66	iP	23	10.00	0.5
	0.2s		10.61nm			5.6mb
KJF	57.99	337	eP	23	12.00	-1.9
FRB	58.62	23	eP	23	16.00	-2.3
KKN	58.83	276	eP	23	19.90	-0.6
	0.4s		22.00nm			5.6mb
PKI	58.91	276	eP	23	20.30	-0.9
	0.4s		9.00nm			5.[illegible]mb
DMN	59.06	276	eP	23	21.60	-0.6
	0.3s		14.00nm			5.6mb
SUF	59.62	337	iP	23	24.20	-1.1
	0.4s		8.20nm			5.2mb
RSSD	60.45	55	eP	23	31.00	-0.5
	0.9s		2.94nm			4.4mb
			pP	23	44.20	47kmX
NUR	61.90	336	iP	23	35.20	-5.5X
UPP	64.10	340	iP	23	54.20	-1.0
NB2	64.27	343	P	23	53.00	-3.4X
	0.5s		10.80nm			5.1mb
HFS	64.65	342	eP	23	57.60	-1.2
	0.5s		29.70nm			5.5mb
ALQ	65.82	64	eP	24	06.80	-0.1
	0.9s		3.57nm			4.3mb
SCH	66.80	27	eP	24	11.00	-1.6
MUD	68.95	343	iPd	24	26.20	0.3
TUL	70.77	56	eP	24	54.20	16.8X
	1.3s		18.10nm			
RLO	70.96	55	eP	24	54.80	16.3X
EKA	71.87	349	Pc	24	43.30	-0.3
	0.4s		3.70nm			4.7mb
JCT	72.85	62	IP	25	06.80	17.0X
	1.0s		7.50nm			
CLL	73.01	339	IPc	24	49.90	-0.5
	1.2s		21.00nm			4.9mb
			epP	25	08.00	67km
PRU	73.88	337	eP	24	56.00	0.6
MOX	73.94	339	eP	24	56.50	0.7
GBA	74.27	272	Pc	24	55.90	-2.3
	0.6s		7.70nm			4.8mb
KHC	74.91	337	iPc	25	02.00	0.5
	0.9s		15.00nm			4.9mb
			e	25	20.50	68km
WB2	74.96	204	eP	25	01.80	-0.2
WRA	74.97	204	Pd	25	02.30	0.3
	0.7s		3.60nm			4.4mb
MEM	75.11	343	Pd	25	03.00	0.5
DOU	75.85	343	P	25	07.10	0.3
KOD	76.85	270	eP	25	13.00	-0.2
KBA	76.88	337	iPc	25	13.70	0.9
			i	25	31.50	65km
CDF	76.96	341	eP	25	13.60	0.5
BSF	77.62	341	eP	25	16.90	0.2
CTI	78.25	337	iPc	25	20.40	0.1
LOR	78.71	343	eP	25	23.00	0.4
	0.5s		5.80nm			4.8mb
LBF	78.96	343	eP	25	24.20	0.1
	0.5s		2.20nm			4.3mb
SSF	78.97	343	eP	25	24.50	0.5
	0.5s		3.60nm			4.6mb
AVF	79.26	343	eP	25	26.40	0.8
	0.6s		6.50nm			4.7mb
SMF	79.31	343	eP	25	26.60	0.7
VAY	79.55	328	eP	25	27.30	0.1
BGF	79.58	344	eP	25	28.60	1.3
	0.6s		2.90nm			4.4mb

TCF 79.95 344 eP 25 30.20 0.9
0.6s 2.80nm 4.4mb
MZF 79.95 344 eP 25 30.50 1.1
0.6s 14.50nm 5.1mb
LSF 80.10 344 eP 25 30.90 0.8
0.6s 4.10nm 4.5mb
OHR 80.30 329 eP 25 31.00 -0.3
AOU 81.29 335 eP 25 38.00 1.5
CAF 81.29 344 eP 25 38.10 1.6
0.6s 6.60nm 4.8mb
MNS 81.44 336 eP 25 37.50 0.3
LPO 81.68 344 eP 25 40.00 1.6
0.6s 7.90nm 4.8mb
ORI 82.59 332 eP 25 24.50 -18.7X
MLS 83.37 344 ePd 25 48.90 1.7
EPF 83.43 344 eP 25 48.30 0.7
0.8s 5.90nm 4.6mb
S.D. = 0.9 on 57 of 63 obs.

MAY 12, 1985 07h 31m 19.64± 0.54s
33.631 S ± 7.2km 72.051 W ± 6.1km
DEPTH = 33.0km (normal)
4.7mb (6 obs.)
OFF COAST OF CENTRAL CHILE (134)

TACH 0.93 92 iPc 31 35.50 -0.9
ROCH 1.09 53 iPd 31 37.90 -1.0
SAN 1.17 82 iPd 31 39.60 -0.2
iS 31 54.00
CHCH 1.20 105 iPd 31 40.10 -0.2
PEL 1.24 67 iPd 31 40.60 -0.2
PCH 1.28 90 iPc 31 41.20 -0.3
FCH 1.50 79 iPd 31 44.80 -0.1
JACH 1.55 53 iPc 31 45.50 0.2
RFA 3.18 112 iPc 32 10.50 1.9
S 32 56.80
RTCV 3.45 60 ePc 32 13.40 1.0
S 33 06.20
RTCB 3.48 53 ePc 32 14.10 1.2
S 33 05.00
CFA 3.80 59 ePc 32 17.70 0.4
S 33 09.50
RTLL 3.80 54 ePc 32 17.50 0.2
S 33 10.50
TCA 6.70 72 ePc 32 55.00 -3.4X
S 34 17.00
CYA 7.45 48 e(P) 33 05.00 -3.8X
S 34 36.50
SLA 10.56 35 e(P) 33 45.00 -6.9X
YJA 12.80 29 e(P) 34 22.80 0.4
CCH 17.03 20 Pc 35 18.60 1.4
LPB 17.39 13 Pc 35 24.00 2.1
1.0s 40.00nm 4.5mb
Z 17s 0.51um
LR 41 55.00
VAO 24.43 71 eP 36 35.10 -1.4
BAO 28.16 56 e(P) 37 06.20 -5.0X
SOB1 37.58 57 iPc 38 30.50 -2.4
0.5s 6.80nm 4.8mb
e 38 42.70
ITR 39.63 59 eP 38 47.70 -2.4
0.8s 13.40nm 4.8mb
SNA 51.93 156 eP 40 27.50 0.5
SPA 56.55 180 e(P) 41 02.30 1.2
BHO 70.96 340 eP 42 35.40 -0.3
TUL 72.66 340 iPd 42 45.30 -0.5
1.0s 14.90nm 4.9mb
RLO 72.68 341 eP 42 45.00 -0.9
KIC 74.98 72 iP 42 59.40 -0.3
ALQ 75.45 331 eP 43 01.00 -1.2
1.0s 5.00nm 4.5mb
LRM 87.12 333 eP 44 04.10 0.7
BNG 92.92 87 iPd 44 31.60 0.6
1.0s 7.90nm 5.1mb
WRA 121.08 209 PKPd 50 10.70 -0.2
0.8s 2.10nm
OUE 145.19 84 ePKP 50 56.00 0.1
GBA 145.87 118 PKPd 50 57.70 0.6
0.5s 18.70nm
HYB 149.09 114 ePKPc 51 06.30 4.0X
0.9s 20.80nm
IPM 150.39 166 ePKPd 51 09.70 5.4X
S.D. = 1.1 on 31 of 37 obs.

• MAY 12, 1985 07h 32m 36.26± 1.91s
50.616 N ±11.7km 129.791 W ±19.1km
DEPTH = 10.0km (geophysicist)
4.0mb (2 obs.)
VANCOUVER ISLAND REGION (25)

PHC 1.50 86 eP 33 03.60 0.4
MCW 4.92 111 eP 33 51.50 -0.5
LON 6.55 123 eP 34 14.50 -0.5
PNT 6.69 97 iP 34 17.00 0.0
SHW 6.70 128 eP 34 17.00 -0.2
NEW 8.59 101 eP 34 42.00 -1.5
EDM 10.49 69 eP 35 11.50 1.9
BMN 13.45 134 eP 35 59.00 9.4X
YKA 14.50 29 eP 36 02.20 -0.9
BDW 15.90 112 eP 36 24.00 2.2
COL 17.14 333 eP 36 42.00 5.0X
FFC 17.31 65 eP 36 38.00 -1.2
1.4s 17.00nm 4.0mb
INK 17.83 355 eP 36 46.00 0.4
ALQ 23.07 124 eP 37 42.80 -0.1
1.2s 5.08nm 3.9mb
S.D. = 1.2 on 12 of 14 obs.

? MAY 12, 1985 08h 47m 40.51± 4.38s
33.066 S ±12.7km 72.184 W ±32.5km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

ROCH 0.99 85 iPd 47 59.60 0.2
TACH 1.20 120 iPc 48 03.00 0.2
PEL 1.26 94 iPd 48 04.00 0.0
iS 48 16.50
SAN 1.33 107 iPd 48 04.90 -0.2
iS 48 18.50
JACH 1.39 74 iPc 48 06.40 0.3
PCH 1.50 112 iP 48 06.70 -0.9
iS 48 21.20
CHCH 1.54 124 iPc 48 08.80 0.7
FCH 1.61 100 iPd 48 09.50 0.2
TCA 6.66 77 ePc 49 20.70 -0.2
S 50 33.80
S.D. = 0.5 on 9 of 9 obs.

MAY 12, 1985 09h 44m 36.70± 0.89s
39.383 N ± 8.3km 22.814 E ± 5.4km
DEPTH = 12.6 ± 3.0 km
3.9mb (2 obs.)
GREECE (364)
ML 3.4 (ATH).

LIT 0.76 341 ePg 44 52.40 1.1
eSg 45 04.40
PAIG 0.86 51 ePg 44 54.00 1.0
eSg 45 10.00
KZN 1.22 319 ePb 44 59.00 -0.3
THE 1.25 5 iPb 44 59.00 -0.7
eSb 45 19.00
OUR 1.31 43 ePb 45 01.00 0.4
eSb 45 20.00
SOH 1.50 16 ePb 45 04.00 0.7
eSb 45 27.00
ATH 1.58 153 ePn 45 00.50 -3.9X
eSg 45 22.40
GRG 1.60 349 ePb 45 05.20 0.4
SRS 1.83 19 ePn 45 09.20 1.1
eSn 45 33.40
VAY 1.94 355 iPn 45 09.40 -0.3
VLS 2.11 236 ePn 45 12.00 -0.3
MMB 2.31 17 iPd 45 14.00 -1.1
OHR 2.31 319 iPn 45 15.10 -0.1
PRK 2.69 92 ePg 45 23.40 3.0X
EZN 2.75 80 ePn 45 23.20 1.9X
SKO 2.79 338 iPn 45 21.40 -0.5
KDZ 2.97 40 iPd 45 22.00 -2.4X
VTS 3.23 5 iPc 45 28.00 0.0
DIM 3.39 37 eP 45 29.00 -1.4
JMB 4.20 42 eP 45 42.00 0.1
DMK 4.48 56 eP 45 42.00 -3.9X
ORI 4.95 280 e(Pn) 45 53.00 0.5
CLO 5.69 360 eP 45 57.00 -5.9X
MLR 6.53 20 ePc 46 14.00 -0.9
NB2 22.85 345 P 49 34.80 -5.7X
0.5s 0.70nm 3.4mb
BCAO 35.01 187 eP 51 25.50 -5.5X
0.4s 1.95nm 4.3mb
YKA 72.86 341 eP 56 06.70 0.0
S.D. = 0.8 on 19 of 27 obs.

% MAY 12, 1985 10h 32m 04.94± 0.84s
41.077 N ± 7.5km 27.762 E ± 7.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

MFT 0.47 232 iPg 32 14.90 0.5
CTT 0.51 82 iPg 32 15.40 0.1
iSg 32 16.90
EDC 0.73 174 ePg 32 18.70 -0.6
DMK 0.74 360 iPg 32 19.20 -0.3
iSg 32 30.10
ISK 0.98 90 ePn 32 23.90 0.3
S.D. = 0.7 on 5 of 5 obs.

MAY 12, 1985 10h 34m 50.69± 0.57s
39.257 N ± 5.3km 22.854 E ± 6.1km
DEPTH = 10.0km (geophysicist)
3.4mb (1 obs.)
GREECE (364)
ML 3.3 (ATH).

LIT 0.89 342 ePg 35 08.00 0.3
eSg 35 22.00
PAIG 0.92 43 ePg 35 11.00 2.7X
eSg 35 26.40
KZN 1.34 322 ePb 35 16.00 0.6
eSb 35 35.70
THE 1.38 4 iPbd 35 16.50 0.6
eSb 35 34.50
OUR 1.38 39 ePb 35 18.40 2.4X
eSb 35 39.00
ATH 1.45 152 ePg 35 17.30 0.4
eSn 35 36.00
SOH 1.61 14 ePb 35 21.60 2.4X
eSb 35 43.60
GRG 1.73 349 ePbd 35 21.40 0.4
SRS 1.94 17 iPnd 35 24.80 0.7
eSn 35 53.00
VAY 2.07 354 iPn 35 26.40 0.5
VLS 2.07 239 ePb 35 27.50 1.5
MMB 2.42 16 iPd 35 31.00 0.0
OHR 2.43 320 iPn 35 32.80 1.7X
PRK 2.65 89 ePb 35 35.00 0.8
EZN 2.74 77 ePn 35 35.20 -0.3
SKO 2.92 339 iPn 35 38.70 0.7
KDZ 3.05 38 iPd 35 40.00 0.2
VTS 3.35 4 iPc 34 45.00 -59.1X
DIM 3.47 36 eP 35 46.00 0.2
PVL 4.26 23 iPd 35 56.00 -1.0
JMB 4.27 40 eP 36 00.00 2.8X
DMK 4.53 54 ePn 35 56.00 -4.9X
MLR 6.64 19 ePc 36 31.00 0.3
VOY 9.45 319 eP 37 08.50 -1.4
e(S) 38 53.00
HFS 21.68 348 eP 39 40.60 -2.7
0.7s 1.30nm 3.4mb
BCAO 34.88 188 eP 41 42.90 -1.5
S.D. = 1.1 on 19 of 26 obs.

? MAY 12, 1985 11h 27m 33.62± 5.29s
33.668 S ±16.2km 72.145 W ±37.0km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

TACH 1.01 90 iPc 27 52.50 -0.2
iS 28 05.40
ROCH 1.18 54 iP 27 55.80 0.1
iS 28 10.20
SAN 1.26 81 iPd 27 56.70 -0.3
iS 28 13.20
CHCH 1.27 102 iPc 27 57.10 -0.1
PEL 1.33 67 iPd 27 58.50 0.3
iS 28 14.30
PCH 1.36 88 iPc 27 59.00 0.3
iS 28 15.50
FCH 1.59 78 iPc 28 02.50 0.4
iS 28 23.80
JACH 1.63 53 iPc 28 02.10 -0.5
iS 28 22.20
TCA 6.79 72 ePd 29 15.80 0.0
S 30 36.00
S.D. = 0.3 on 9 of 9 obs.

% MAY 12, 1985 13h 09m 48.04± 0.86s
39.131 N ± 6.8km 27.562 E ± 8.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

12d 13h

IZM	0.77	198	iPn	10 03.00	-0.1
			iSg	10 18.00	
DST	0.95	60	ePn	10 06.40	0.2
EZN	1.18	306	ePn	10 10.20	0.1
EDC	1.24	11	ePn	10 10.70	-0.3
KGT	1.33	352	iPn	10 12.70	0.1

S.D. = 0.3 on 5 of 5 obs.

MAY 12, 1985 13h 21m 57.41± 0.64s
5.664 S ± 8.4km 151.355 E ± 7.3km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.67	29	iPd	22 23.00	-1.8
KVG	3.12	350	eP	22 47.00	1.6
BGA	3.84	97	eP	22 55.00	-0.7
			eS	23 46.00	
PAA	4.16	99	eP	23 02.00	1.7
			eS	23 50.00	
LAT	4.44	257	eP	23 10.00	5.8X
LMG	4.53	224	eP	23 05.00	-0.6
MOM	5.34	312	eP	23 17.00	0.1
MDG	5.57	274	eP	23 20.00	-0.1
PMG	5.58	228	eP	23 22.00	1.6
VSG	9.02	114	P	24 12.00	3.5X
WB2	21.79	228	iPc	26 47.50	-1.1
WRA	21.80	228	Pc	26 48.20	-0.5
	0.6s		8.00nm		4.3mb
WBN	31.22	227	eP	28 16.00	-0.2

S.D. = 1.3 on 11 of 13 obs.

• MAY 12, 1985 13h 24m 54.69± 1.51s
21.835 S ±11.9km 68.330 W ±17.8km
DEPTH = 152.1 ± 10.6 km
CHILE-BOLIVIA BORDER REGION (124)

YJA	2.65	98	ePc	25 39.40	0.8
SLA	3.88	138	ePc	25 54.00	-0.3
CCH	4.89	25	P	26 08.60	0.8
LPB	5.28	2	iP	26 12.00	-1.1
			(S)	26 55.00	
PEL	11.46	190	eP	27 49.80	15.0X
VAO	19.78	97	eP	29 14.70	-0.6
			i	29 15.60	
			e	29 28.40	
BAO	20.21	76	P	29 19.10	-0.7
KIC	68.28	73	eP	35 42.10	0.6
YKC	91.63	340	eP	37 45.00	0.0
YKA	91.68	340	eP	37 45.90	0.6

S.D. = 0.9 on 9 of 10 obs.

% MAY 12, 1985 13h 47m 56.49± 0.85s
38.810 N ± 6.1km 27.171 E ±11.4km
DEPTH = 10.9km (geophysicist)
TURKEY (366)

IZM	0.42	170	iPg	48 05.00	0.0
			iSg	48 13.50	
EZN	1.21	327	ePn	48 19.20	0.2
DST	1.38	54	iPn	48 21.90	0.1
EDC	1.63	19	ePn	48 24.70	-0.5
KGT	1.64	4	iPn	48 25.20	-0.3
KCT	1.70	32	ePn	48 27.00	0.6

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

MAY 12, 1985 13h 55m 08.23± 0.65s
40.375 N ± 4.6km 125.181 W ± 7.6km
DEPTH = 10.0km (geophysicist)
4.6mb (13 obs.) 4.3Msz (2 obs.)
OFF COAST OF NORTHERN CALIFORNIA(34)
ML 4.2 (BRK).

FHC	1.01	65	iPc	55 28.50	1.2
			iS	55 39.30	
WDC	2.03	83	iPc	55 43.20	0.4
			i	55 52.90	
			iS	56 04.70	
MIN	2.73	89	iPc	55 53.00	-0.1
ORV	2.95	105	iPc	55 55.90	0.0
ZSP	3.33	136	iPc	56 01.40	0.1
BRK	3.38	137	ePc	56 01.10	-0.9
BKS	3.39	136	iPnc	56 01.90	-0.3
			iPbc	56 07.40	
			iPgc	56 15.50	
			iSn	56 40.30	
			iS•	56 47.60	
			iSg	57 07.00	
PCC	3.61	142	eP	56 03.70	-1.6
ARN	4.15	136	P	56 12.50	-0.6
COR	4.43	18	iPc	56 17.00	0.0
JAS1	4.44	122	P	56 17.80	0.7
SAO	4.64	140	eP	56 17.60	-2.5
BMN	6.08	87	eP	56 39.50	-0.9
CWC	6.82	123	eP	56 52.00	1.0
LON	6.83	20	P	56 51.00	0.1
ISA	7.08	130	eP	56 54.00	-0.5
SYP	7.15	143	eP	56 57.00	1.4
MFW	7.42	40	P	56 59.80	0.7
CLC	7.51	125	eP	57 01.00	0.5
SBB	8.14	132	eP	57 08.00	-1.4
GSC	8.34	125	eP	57 13.00	0.9
PAS	8.36	136	eP	57 13.00	0.7
MWC	8.36	135	eP	57 05.00	-7.5X
RVR	8.91	133	eP	57 20.00	0.1
DUG	9.46	87	P	57 28.30	0.7
HPI	9.59	66	P	57 30.70	1.1
TPC	9.60	128	eP	57 29.00	-0.5
PLM	9.67	134	eP	57 25.00	-5.6X
NEW	9.77	34	eP	57 31.00	-0.8
PNT	9.77	22	eP	57 31.00	-0.8
LRM	10.78	55	ePc	57 43.30	-2.6
BDW	11.94	73	eP	58 02.30	0.6
	1.3s		13.96nm		5.1mb
SES	14.09	40	eP	58 28.00	-1.9
	1.3s		105.00nm		5.4mb
EDM	15.16	28	iPd	58 42.10	-1.8
	1.0s		129.00nm		5.3mb
GOL	15.19	86	eP	58 46.30	1.6
	1.2s		9.84nm		4.1mb
GLD	15.30	86	eP	58 57.90	11.9X
	1.5s		31.25nm		
ALQ	15.78	104	eP	58 54.00	1.7
	1.1s		6.33nm		3.7mb
FFC	21.11	39	iPc	59 54.10	-0.9
	1.3s		129.00nm		5.1mb
JCT	22.85	108	eP	00 11.00	-1.7
	1.0s		14.00nm		4.4mb
YKA	23.05	13	eP	00 15.20	0.9
YKC	23.06	13	eP	00 15.00	0.6
	1.0s		20.00nm		4.6mb
TUL	23.49	91	ePd	00 20.80	2.0
	0.9s		23.30nm		4.7mb
Z	18s		0.62um		4.1Msz
RLO	23.99	90	eP	00 25.40	1.7
BHO	24.75	94	eP	00 33.00	2.0
PMR	25.77	333	P	00 41.50	1.1
	1.0s		11.25nm		4.5mb
LHC	26.69	60	eP	00 47.00	-2.1
INK	28.34	353	eP	01 05.00	1.2
TTA	29.09	331	P	01 11.50	0.8
	0.8s		5.17nm		4.4mb
IMA	30.34	337	P	01 22.70	0.7
MBC	36.06	2	eP	02 12.00	0.8
SCH	40.72	49	eP	02 50.00	-0.4
NB2	72.88	21	P	06 36.20	-2.7
	0.9s		3.70nm		4.5mb
HFS	74.30	20	eP	06 46.80	-0.3
	0.9s		7.90nm		4.7mb
Z	19s		0.20um		4.4Msz
			LR	35 54.00	

S.D. = 1.3 on 50 of 53 obs.

& MAY 12, 1985 13h 57m 43.30s
33.450 N 116.520 W
DEPTH = 11.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS).

CPE	0.75	221	iPd	57 56.80	-1.1

1 obs. associated

MAY 12, 1985 15h 23m 42.18± 0.98s
17.014 S ± 5.2km 167.574 E ± 4.9km
DEPTH = 32.9 ± 7.3 km
5.1mb (9 obs.) 4.5Msz (1 obs.)
VANUATU ISLANDS (186)

PVC	1.01	136	iPc	23 58.00	-2.0
			iS	24 12.00	
KOU	4.71	221	iPc	24 52.50	-0.2
			iS	25 48.00	
NOU	5.37	191	iPc	25 00.70	-1.4
			iS	25 58.50	
NDF	9.46	96	eP	26 01.00	1.8
SGE	9.90	95	ePd	26 06.00	0.5
SVA	10.44	98	ePd	26 06.00	-6.7X
HNR	10.58	314	eP	26 14.00	-0.6
			eS	28 10.00	
VSG	10.87	314	eP	26 19.00	0.4
SVO	10.87	315	eP	26 19.00	0.4
PAA	15.91	311	eP	27 30.00	4.6X
BGA	16.24	310	eP	27 38.00	8.4X
CRZ	17.94	166	P	27 53.00	2.3
COO	19.67	224	iPc	28 12.70	1.1
RMO	19.84	238	eP	28 14.00	0.7
CTA	20.44	258	iPc	28 21.70	2.1
	0.8s		15.30nm		4.4mb
			iS	32 12.00	
LMG	20.56	291	eP	28 21.00	0.0
KVG	21.86	309	eP	28 33.00	-1.0
KRP	21.98	163	P	28 34.60	-0.4
LAT	22.59	295	eP	28 42.00	0.7
YOU	24.32	221	eP	28 59.20	1.2
MDG	24.34	296	eP	29 00.00	1.7
CMS	24.44	230	iPc	29 00.10	0.9
CAN	24.63	219	eP	29 00.20	-0.8
			i	29 21.30	
			i	29 29.60	
MOM	24.79	305	e(P)	28 55.00	-7.7X
TCW	24.80	168	P	29 01.60	-0.9
WEL	24.97	167	P	29 04.00	-0.1
WAM	25.30	217	eP	29 08.90	1.6
STK	27.80	233	eP	29 30.00	-0.4
	0.8s		17.00nm		4.8mb
ADE	31.34	230	iPc	30 02.00	0.0
WB2	31.62	259	eP	30 03.20	-1.3
WRA	31.63	259	Pd	30 03.60	-1.0
	0.7s		7.30nm		4.6mb
ASPA	32.21	253	iPc	30 09.20	-0.5
	0.8s		36.00nm		5.3mb
KNA	37.21	266	eP	30 52.00	-0.5
	0.6s		23.00nm		5.2mb
WBN	39.06	249	iPd	31 08.20	0.2
MBL	45.18	257	eP	31 58.00	0.0
MEK	46.28	249	eP	32 06.50	-0.2
KLB	47.28	243	eP	32 14.00	-0.5
NWAO	47.86	241	iPc	32 18.70	-0.4
MRWA	48.62	246	eP	32 24.50	-0.5
MUN	48.63	242	eP	32 24.00	-1.0
BAG	57.00	303	eP	33 25.90	-1.7
LEM	59.34	272	ePd	33 44.50	0.4
	0.5s		14.08nm		5.3mb
MAT	60.06	333	eP	33 45.00	-3.4X
			eS	42 20.00	
KGM	66.10	280	ePd	34 29.30	0.6
IPM	69.11	282	ePd	34 47.30	-0.4
SPA	73.09	180	iPd	35 10.70	-0.3
	1.1s		35.71nm		5.3mb
BJI	74.22	321	eP	35 16.50	-1.1
KMI	75.76	302	eP	35 27.50	0.4
CHTO	76.29	295	eP	35 30.10	0.2
	0.8s		4.03nm		4.5mb
			pP	35 41.80	39kmX
LZH	80.07	312	eP	35 51.50	0.9
SHL	84.91	299	iP	36 15.90	0.2
EUR	90.62	49	iP	36 42.20	-0.8
	0.2s		3.35nm		5.3mb
KJF	125.56	340	ePKP	42 45.00	3.8X
SUF	127.07	339	ePKP	42 45.00	0.9
NUR	129.08	337	ePKP	42 48.00	0.0
Z	20s		0.10um		4.5Msz
			LR	35 20.00	
KHC	141.64	332	ePKP	43 12.00	0.0
			e	43 26.00	
SOB1	141.64	131	e(PKP)	43 28.00	15.0X
OHR	142.68	317	ePKP	43 11.00	-3.0X
KBA	143.24	330	iPKP	43 10.70	-4.3X
VOY	143.72	329	ePKP	43 12.00	-3.7X
WLF	144.13	339	PKP	43 28.00	11.9X
DOU	144.26	341	PKPc	43 21.00	4.7X
CDF	144.79	337	ePKP	43 15.50	-1.9
CTI	144.79	330	ePKP	43 15.00	-2.5X
SLE	144.84	335	ePKP	43 16.10	-1.4
SAX	144.91	334	ePKP	43 16.20	-1.7
OSS	145.00	333	ePKP	43 16.60	-1.4
VAL	145.11	358	ePKP	43 19.00	1.3
BSF	145.45	337	ePKP	43 17.60	-1.0
VDL	145.45	333	ePKP	43 18.50	-0.3
HAU	145.47	338	ePKP	43 17.60	-0.9
ORI	146.05	318	ePKP	43 20.00	0.3

MMK	146.44	334	ePKP	43	21.90	1.4
AQU	146.47	324	ePKP	43	23.50	3.1X
SGO	146.47	320	ePKP	43	22.50	2.2X
ORO	146.77	333	e(PKP)	43	24.50	3.7X
MNS	146.85	325	ePKP	43	21.50	0.6
FLN	146.87	345	ePKP	43	22.80	2.1X
LDF	146.94	345	ePKP	43	22.90	2.0
LOR	146.97	339	ePKP	43	23.20	2.2X
BNG	147.17	251	iPKPd	43	23.70	1.4
	1.5s		48.00nm			
			iPP	43	34.40	
			iSP	43	38.40	
BCAO	147.18	251	ePKP	43	23.30	1.0
	1.1s		6.18nm			
			i	43	34.20	
LBF	147.18	339	ePKP	43	23.90	2.5X
SSF	147.27	340	ePKP	43	22.90	1.5
GRR	147.31	346	ePKP	43	24.20	2.8X
SMF	147.52	339	ePKP	43	24.70	2.8X
AVF	147.56	340	ePKP	43	24.80	2.9X
LPF	147.69	346	ePKP	43	25.30	3.3X
BGF	147.93	340	ePKP	43	25.40	2.9X
TCF	148.37	340	ePKP	43	27.70	4.4X
LSF	148.62	341	ePKP	43	29.10	5.4X
CVF	148.71	329	ePKP	43	22.30	-1.6
MFF	148.79	344	ePKP	43	29.70	5.8X
CAF	149.63	339	ePKP	43	33.40	8.1X
MLS	151.70	339	ePKP	43	43.70	15.3X
EPF	151.88	340	ePKP	43	42.70	14.0X
	S.D. = 1.1		on 66 of 96 obs.			

& MAY 12, 1985 15h 28m 46.20s
37.470 N 118.570 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.7 (PAS), 3.6 (BRK).

TIN	0.50	147	iPd	28	55.30	-0.9
			eS	29	02.20	
PPK	0.53	95	P	28	55.90	-1.0
SVP	0.66	68	P	28	58.40	-1.0
LCH	0.77	107	P	29	00.10	-1.6
MNA	1.02	19	iPd	29	04.90	-1.0
FRI	1.03	243	iPc	29	04.80	-1.2
CWC	1.10	159	iPd	29	05.90	-1.5
SGV	1.32	111	P	29	10.20	-0.9
JAS1	1.54	288	iPc	29	13.40	-0.8
VPEM	1.63	158	P	29	15.70	0.0
WKTM	1.68	176	P	29	16.30	0.0
TMBR	1.80	103	P	29	17.00	-1.1
CLC	1.83	154	eP	29	19.10	0.7
LLA	2.08	247	eP	29	22.00	-0.1
			i	29	48.20	
PRI	2.14	232	eP	29	23.40	0.3
			iS	29	39.70	
SLD	2.15	260	P	29	23.10	0.0
ARN	2.36	268	P	29	26.20	0.0
SAO	2.40	254	ePd	29	26.70	0.0
MHC	2.45	268	e(P)	29	27.40	-0.1
PRS	2.52	244	eP	29	28.50	0.2
EUR	2.86	45	iP	29	32.40	-1.1
	0.2s		18.98nm			
BKS	2.94	279	iPbc	29	34.90	0.6
			iPg	29	43.50	
			iS*	30	12.60	
			i(S)	30	18.30	
BRK	2.96	279	eP	29	34.50	0.0
ORV	3.10	313	eP	29	35.70	-0.9
BMN	3.14	19	P	29	35.60	-1.6
	25 obs. associated					

• MAY 12, 1985 16h 38m 46.57± 0.65s
7.877 S ±14.0km 157.292 E ± 8.9km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
SOLOMON ISLANDS (193)

PAA	2.38	311	eP	39	24.00	-0.1
			eS	40	01.00	
BGA	2.71	309	eP	39	29.00	0.2
			eS	40	10.00	
VSG	2.76	120	P	39	30.00	0.6
SVO	2.80	117	P	39	29.00	-1.0
HNR	3.05	121	eP	39	34.00	0.4
WB2	25.25	239	eP	44	11.00	-0.4
WRA	25.26	239	Pd	44	11.90	0.4
	0.8s		3.20nm			4.0mb
	S.D. = 0.7		on 7 of 7 obs.			

• MAY 12, 1985 18h 19m 23.65± 3.63s
32.995 S ±12.0km 72.033 W ±25.7km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

ROCH	0.86	89	iPd	19	40.50	0.1
			iS	19	49.50	
LNV	1.09	152	iPd	19	44.20	0.1
			iS	19	57.30	
TACH	1.13	126	iPc	19	44.50	-0.3
			iS	19	58.00	
PEL	1.14	98	iPd	19	45.30	0.3
			iS	19	55.20	
SAN	1.24	112	iPd	19	46.60	-0.1
			iS	20	02.80	
JACH	1.25	76	iPc	19	47.00	0.0
PCH	1.42	117	iPc	19	49.40	-0.1
CHCH	1.49	129	iPd	19	50.70	0.3
FCH	1.50	103	iPc	19	50.70	-0.2
			iS	20	10.70	
MDZ	2.68	88	eP	20	12.80	5.1X
			iS	20	47.70	
TCA	6.52	77	ePd	21	02.00	-0.1
			S	22	18.40	
	S.D. = 0.2		on 10 of 11 obs.			

MAY 12, 1985 18h 41m 51.95± 0.31s
44.012 N ± 3.5km 18.197 E ± 3.7km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 4.2 (TRI).

PLE	1.10	128	iPgd	42	10.70	-2.1
			eSg	42	28.50	
BRY	1.14	167	iPgc	42	10.80	-2.6
			eSg	42	29.00	
HCY	1.58	172	iPnc	42	19.50	-0.5
			iSn	42	42.60	
TTG	1.76	153	ePn	42	21.70	-1.0
			eSn	42	46.00	
BDV	1.79	165	ePn	42	24.00	0.9
			eSn	42	50.00	
PVY	1.92	137	ePn	42	25.50	0.4
			eSn	42	51.50	
ULC	2.19	159	iPnc	42	30.50	1.6
			iSn	43	00.00	
SKO	3.13	129	iPn	42	43.50	1.2
			i	42	50.50	
			iSn	43	35.00	
			i	43	44.00	
CEY	3.19	304	ePn	42	44.90	1.8
			iSn	43	22.50	
BRT	3.22	194	ePn	42	42.50	-1.0
			eSn	43	42.00	
LJU	3.30	309	ePn	42	46.00	1.3
	1.2s		800.00nm			
			eSn	43	28.90	
			eSg	43	45.90	
CLO	3.46	71	iPd	42	46.00	-0.9
OHR	3.48	146	iPn	42	49.00	1.8
BUD	3.52	9	ePc	42	46.20	-1.5
TRI	3.58	300	ePn	42	49.00	0.4
			i	42	58.50	
			iSn	43	33.60	
			iSb	43	49.00	
			iSg	43	54.50	
DUI	3.62	231	ePn	42	50.00	0.9
VOY	3.66	305	ePnc	42	50.90	1.0
			iSn	43	35.00	
LCI	3.68	183	ePn	42	51.50	1.4
SRO	3.80	1	i(Pn)	42	52.50	0.7
			i	43	02.20	
			i	43	12.00	
			i	43	41.10	
			i	44	05.60	
DEV	3.83	59	ePc	42	55.00	2.8X
SOP	3.85	343	iPc	42	53.00	0.6
	0.8s		30.60nm			
AQU	3.88	246	ePn	42	54.50	1.6
VTS	3.91	109	eP	42	53.00	-0.4
SGO	4.06	213	e(Pn)	42	55.00	-0.4
PSZ	4.08	16	eP	42	53.80	-2.0
ORI	4.17	199	ePn	42	55.80	-1.1
VAY	4.20	128	iPn	42	59.00	1.6
ZST	4.25	350	i(Pn)	42	59.00	0.8
			i	43	49.90	
			e	44	15.00	
MNS	4.35	250	ePn	43	00.50	1.0
			eSn	43	52.00	
VKA	4.45	344	e(Pn)	43	00.00	-1.0
			i	43	03.50	
			iSn	43	56.40	
COZ	4.58	71	eP	43	17.00	14.1X
KBA	4.58	314	iPnd	43	04.20	1.1
			i	43	21.70	
			i	43	53.50	
			i(Sn)	44	05.20	
MMB	4.74	119	eP	43	05.00	-0.1
JOS	4.77	19	e(P)	43	05.00	-0.5
CMP	5.04	73	ePd	43	38.00	28.6X
CTI	5.07	296	iPnd	43	10.50	0.6
PVL	5.14	97	eP	43	14.00	3.2X
BHG	5.25	317	eP	43	13.90	1.6
SPC	5.37	15	e(P)	43	15.60	1.4
			i	43	46.70	
MLR	5.71	72	eP	43	20.00	1.0
KDZ	5.77	112	iP	43	41.00	21.4X
KHC	6.03	330	iP	43	24.00	0.7
	0.9s		14.50nm			4.7mb X
			e	44	36.90	
KRA	6.16	11	eP	43	28.20	3.1X
			e	43	34.70	
OSS	6.27	298	eP	43	28.00	1.0
VRI	6.33	70	eP	43	50.00	22.4X
FUR	6.36	313	iPc	43	28.10	0.1
	1.0s		49.00nm			5.3mb X
PRU	6.48	339	ePn	43	36.00	6.3X
			Sn	44	57.20	
VDL	6.64	295	eP	43	33.20	1.1
GRC1	6.79	320	iPnc	43	33.20	-0.8
			e	43	35.80	
KSP	6.96	350	eP	43	40.00	3.7X
SAX	7.00	301	eP	43	38.10	0.8
LLS	7.07	297	eP	43	39.80	1.6
ORO	7.44	286	ePn	43	40.60	-2.7
BRG	7.44	339	e(P)	44	14.00	30.8X
			eSg	45	31.00	
ZUL	7.69	300	eP	43	46.60	0.0
SLE	7.74	302	eP	43	47.00	-0.4
DIX	7.91	289	eP	43	51.60	1.5
MOX	8.00	328	eP	43	50.00	-0.9
CLL	8.10	336	(Pn)	43	49.00	-3.3X
			e	45	47.00	
			eSg	46	23.00	
EMS	8.24	288	eP	43	54.90	0.4
BUH	8.32	308	eP	43	54.30	-1.2
FRF	8.37	271	eP	43	54.90	-1.3
	0.8s		9.50nm			5.1mb X
LRG	8.59	270	eP	43	54.20	-5.0X
	0.9s		18.40nm			5.4mb X
CDF	8.76	304	eP	44	00.60	-1.0
BSF	8.82	300	eP	44	01.50	-1.0
HAU	9.16	300	eP	44	04.00	-3.1X
WLF	10.00	309	P	44	28.80	10.2X
LBF	10.42	292	eP	44	22.50	-1.9
SMF	10.45	290	eP	44	22.30	-2.5
LOR	10.56	293	eP	44	25.30	-1.0
SSF	10.75	292	eP	44	22.40	-6.5X
AVF	10.80	290	eP	44	26.80	-2.8
DOU	11.09	308	Pc	44	34.30	0.8
BGF	11.11	289	eP	44	28.90	-5.0X
YKA	67.32	338	eP	52	48.70	0.1
	S.D. = 1.3		on 59 of 75 obs.			

& MAY 12, 1985 20h 51m 34.73s
62.645 N 151.098 W
DEPTH = 93.9km
CENTRAL ALASKA (1)
<AGS-P>.

SKT	0.70	197	iP	51	50.95	-0.9
PWA	1.15	150	eP	51	56.04	-0.7
			eS	52	12.89	
SUA	1.20	172	eP	51	56.66	-0.8
			eS	52	11.87	
MSE	1.28	128	eP	51	57.69	-0.8
			iS	52	16.01	
GHO	1.34	130	iP	51	58.75	-0.4
PLRM	1.40	138	eP	51	58.94	-0.9
			eS	52	19.35	
PME	1.41	136	eP	51	59.11	-0.8

12d 20h

		eS	52	17.71	
CGLM	1.41	198 iP	51	59.09	-0.9
CRP	1.47	200 eP	51	59.95	-0.9
		eS	52	19.99	
SPU	1.54	198 eP	52	00.50	-1.1
SML	1.54	122 eP	52	00.54	-1.1
PMS	1.58	152 eP	52	01.10	-1.1
KNK	1.76	134 eP	52	03.18	-1.2
NKA	1.91	182 eP	52	07.82	1.5
SCM	1.94	113 eP	52	05.38	-1.6
PTE	2.04	150 iP	52	06.73	-1.4
CFI	2.15	131 iP	52	08.27	-1.3
SLKM	2.19	169 eP	52	09.48	-0.6
TTA	2.28	279 eP	52	10.06	-1.3
MPA	2.32	158 eP	52	09.86	-2.0
TOA	2.36	101 eP	52	11.27	-1.2
TTV	2.47	128 eP	52	12.64	-1.3
GLI	2.60	131 eP	52	13.90	-1.8
ILM	2.61	199 eP	52	15.78	0.0
SVW	2.64	236 eP	52	15.07	-1.2
SEW	2.67	162 eP	52	14.09	-2.5
VZW	2.68	124 eP	52	14.36	-2.4
FBA	2.70	31 eP	52	15.12	-1.9
KLU	2.70	113 eP	52	14.68	-2.4
VLZ	2.72	122 eP	52	14.76	-2.5
BRLK	2.89	178 eP	52	19.18	-0.5
FID	2.91	129 iP	52	17.59	-2.3
KMP	3.07	109 eP	52	19.48	-2.7
		eS	52	54.35	
HIN	3.15	134 eP	52	21.22	-2.0
SGAM	3.54	125 eP	52	26.30	-2.3
BALM	4.45	107 eP	52	37.71	-3.5
YAH	5.03	113 eP	52	46.21	-3.2

37 obs. ossociated

MAY 12, 1985 21h 18m 55.77± 0.27s
59.405 N ± 3.2km 152.340 W ± 2.5km
DEPTH = 101.9 ± 2.8 km
4.5mb (3 obs.)
SOUTHERN ALASKA (2)
Felt (IV) ot Homer.

HOM	0.44	54 iPc	19	11.60	0.1
OPT	0.52	299 iPc	19	11.90	-0.2
AUL	0.56	268 iPc	19	12.20	-0.2
CNPM	0.58	77 iPc	19	12.50	-0.1
ILM	0.82	343 iP	19	14.39	-0.3
BRLK	0.82	63 iP	19	14.79	0.0
		iS	19	27.02	
CDD	0.82	235 iPc	19	14.30	-0.5
RED	1.04	348 iPc	19	17.00	-0.2
RDT	1.17	358 eP	19	18.54	-0.1
		iS	19	34.83	
NKA	1.45	22 iP	19	23.85	2.0
		eS	19	44.28	
SLKM	1.54	43 iP	19	22.97	0.0
SEW	1.62	63 iP	19	24.06	0.1
		iS	19	44.18	
KDC	1.66	183 eP	19	24.40	-0.1
SPU	1.79	4 iP	19	26.77	0.5
		iS	19	49.19	
MPA	1.85	53 iP	19	27.30	0.3
		iS	19	49.59	
CRP	1.87	3 iP	19	28.10	0.7
CGLM	1.92	5 iP	19	28.73	0.8
SUA	2.21	20 iP	19	32.61	0.8
		eS	20	00.89	
PTE	2.21	47 eP	19	32.03	0.3
PMS	2.31	36 eP	19	33.40	0.4
SVW	2.37	318 eP	19	33.60	-0.2
PWA	2.56	27 eP	19	36.10	-0.2
SKT	2.61	8 iP	19	37.49	0.4
PLRM	2.71	35 iP	19	38.26	-0.1
PMR	2.71	35 eP	19	38.20	-0.1
PME	2.77	35 eP	19	39.00	-0.1
KNK	2.79	42 iP	19	39.52	0.1
		eS	20	10.90	
CFI	2.89	50 eP	19	40.47	-0.3
GHO	2.91	34 iP	19	41.11	-0.1
MSE	2.95	33 eP	19	41.40	-0.4
GLI	3.01	58 iP	19	42.04	-0.4
MID	3.07	87 eP	19	43.60	0.4
TTV	3.08	55 eP	19	43.35	-0.1
HIN	3.11	69 iP	19	43.92	0.1
SML	3.12	38 iP	19	44.36	0.4
FID	3.23	63 iP	19	44.74	-0.7
VZW	3.33	58 eP	19	46.48	-0.4
VLZ	3.46	57 eP	19	48.49	0.0
SCM	3.47	43 eP	19	48.71	-0.1
SGAM	3.75	70 iP	19	52.55	0.0
KLU	3.81	54 iP	19	53.45	0.0
TTA	3.96	335 eP	19	55.20	-0.3
TOA	4.06	46 eP	19	57.10	0.2
KMP	4.19	57 iP	19	58.62	-0.1
BALM	5.25	68 eP	20	12.84	-0.4
YAH	5.42	75 eP	20	15.84	0.0
AGAM	5.76	78 eP	20	21.05	0.7
COL	5.91	19 eP	20	21.00	-1.3
		eS	21	26.00	
FBA	5.91	19 eP	20	20.50	-1.8
SDN	6.00	231 eP	20	22.60	-1.0
PCA	6.15	78 eP	20	25.95	0.3
PNL	6.59	82 eP	20	31.40	-0.3
IMA	6.72	355 eP	20	32.60	-0.9
SIT	9.28	97 eP	21	07.40	-0.8
BRW	12.08	353 eP	21	46.00	0.5
INK	12.12	35 eP	21	46.00	0.0
ADK	15.60	252 eP	22	33.00	2.2
YKA	18.40	64 eP	23	06.00	0.8
YKC	18.46	64 eP	23	07.00	1.1
MBC	20.45	22 eP	23	26.00	-0.5
JCT	45.39	106 eP	27	18.10	12.7X
SOD	53.53	0 eP	28	07.00	-0.1
KJF	56.72	360 eP	28	30.00	-0.3
SUF	58.20	1 iP	28	41.40	0.8
	0.3s	1.60nm			4.5mb
NB2	59.21	9 P	28	45.60	-2.2
	0.7s	1.40nm			4.2mb
HFS	60.30	8 eP	28	55.20	0.0
	0.4s	2.40nm			4.6mb
NUR	60.40	2 iP	28	56.60	0.8

S.D. = 0.7 on 66 of 67 obs.

MAY 12, 1985 21h 47m 50.31± 0.38s
50.423 N ± 3.9km 6.005 E ± 6.0km
DEPTH = 18.4 ± 6.6 km
GERMANY (543)
ML 3.1 (LDG), 2.7 (BNS). Felt (IV) in the Molmedy region, Belgium.

MEM	0.19	0 iPgc	47	54.80	-0.3
KLL	0.30	41 iPgc	47	56.00	-0.9
		iSg	47	59.40	
ENN	0.35	351 iPgc	47	57.90	0.2
	0.4s	155.00nm			
		iSg	48	02.70	
STB	0.56	72 iPgc	48	00.60	-0.7
		eSg	48	07.10	
JCK	0.67	24 iPc	48	02.80	-0.3
		iS	48	11.30	
WLF	0.77	173 iPgc	48	06.00	1.2
		Sg	48	16.60	
PLH	0.78	41 iPc	48	04.70	-0.3
		iS	48	14.70	
BNS	0.92	54 iPgc	48	07.20	-0.2
	0.2s	145.00nm			
		iSg	48	19.80	
		eSg	48	20.30	
DOU	0.96	251 Pbc	48	09.80	1.6
		iPg	48	10.00	
		Sg	48	22.40	
WTS	1.65	18 ePn	48	20.80	2.2
	0.7s	7.00nm			
		iPg	48	24.60	
		iSn	48	41.00	
		iSg	48	47.40	
CDF	2.18	157 Pn	48	26.80	0.5
		Pg	48	30.60	
		Sn	48	52.60	
		Sg	48	58.40	
BUH	2.27	140 ePn	48	28.00	0.4
HAU	2.43	175 Pn	48	30.80	1.0
		Pg	48	36.40	
		Sg	49	06.50	
BSF	2.64	168 Pn	48	33.70	0.7
		Pg	48	41.60	
		Sn	49	02.50	
		Sg	49	12.90	
LOR	3.46	205 Pn	48	44.20	-0.2
		Pg	48	55.10	
		Sn	49	23.60	
LBF	3.69	202 Pn	48	46.80	-1.0
		Pg	48	59.60	
		Sn	49	28.30	
		Sg	49	47.70	
SSF	3.75	207 Pn	48	47.90	-0.6
AVF	4.04	207 Pn	48	52.00	-0.5
		Pg	49	06.60	
		Sn	49	38.00	
SMF	4.04	202 Pn	48	51.90	-0.8
		Pg	49	06.60	
		Sn	49	37.30	
BGF	4.40	210 Pn	48	57.30	-0.4
		Pg	49	13.30	
		Sn	49	45.50	
		Sg	50	10.30	
TCF	4.85	213 Pn	49	03.20	-0.9
		Pg	49	21.90	
		Sn	49	55.00	
		Sg	50	25.20	
LSF	5.13	217 Pn	49	07.30	-0.8
		Pg	49	27.10	

S.D. = 1.0 on 22 of 22 obs.

MAY 12, 1985 23h 00m 05.01± 0.98s
24.381 N ± 5.7km 122.238 E ± 8.6km
DEPTH = 37.9 ± 7.3 km
4.6mb (12 obs.)
TAIWAN REGION (243)
Felt on Toiwon.

TWC	0.42	303 iPc	00	13.80	-0.8
		eS	00	19.00	
TWD	0.66	243 eP	00	17.50	-0.4
		eS	00	26.20	
TATO	0.90	311 iPd	00	22.30	1.0
TWZ	0.93	320 iPd	00	22.50	0.7
ANP	1.03	321 iPd	00	23.80	0.5
		eS	00	31.80	
TWQ	1.28	266 iPc	00	28.00	1.2
TWK	1.95	236 iPd	00	38.00	1.6
SSE	6.75	352 Pc	01	42.50	-1.7
		Lg	03	41.00	
		Lg	03	59.00	
HKC	7.70	256 iP	01	56.00	-1.5
		eS	02	16.10	
BAG	8.08	191 eP	02	03.00	0.0
MCO	8.29	256 eP	02	04.00	-1.8
PPR	14.90	194 eP	03	52.00	17.2X
BJI	16.43	343 eP	03	57.00	2.7X
KMI	17.73	276 eP	04	11.00	0.1
MAT	18.31	45 (P)	04	35.00	17.2X
		(S)	08	10.00	
LZH	19.68	311 Pc	04	35.00	0.9
	1.5s	69.00nm			4.7mb
CHTO	22.34	260 eP	05	02.90	1.8
	0.8s	10.61nm			4.3mb
		pP	05	20.80	81kmX
SHL	27.52	279 iP	05	49.60	-0.7
PKI	33.18	284 eP	06	40.40	-0.4
	0.5s	7.00nm			4.8mb
KKN	33.29	284 eP	06	41.30	-0.2
	0.6s	18.00nm			5.1mb
DMN	33.45	284 eP	06	42.90	-0.1
	0.8s	15.00nm			4.9mb
NDI	40.33	286 eP	07	39.10	-1.6
GBA	43.53	264 Pd	08	05.90	-1.1
	0.6s	3.40nm			4.3mb
WRA	45.61	164 Pd	08	23.90	0.4
	0.8s	3.50nm			4.3mb
WB2	45.61	164 eP	08	23.20	-0.3
QUE	49.08	290 eP	08	51.00	0.0
MHI	54.60	298 eP	09	33.00	0.8
IR2	61.59	299 (P)	10	21.00	-0.2
SOD	69.88	336 iP	11	13.20	-0.5
KJF	70.27	332 iP	11	17.00	0.9
	0.7s	16.00nm			5.2mb
		i	11	27.50	
SUF	71.35	331 iP	11	21.60	-1.1
	0.7s	3.60nm			4.5mb
INK	72.70	22 eP	11	29.00	-1.6
NUR	72.71	329 eP	11	32.00	1.2
UPP	76.21	330 eP	11	51.00	0.1
HFS	77.86	331 eP	12	01.20	1.1
	0.6s	2.00nm			4.3mb
NB2	78.50	332 P	12	00.00	-3.6X
	0.7s	1.60nm			4.1mb
YKA	82.41	23 eP	12	25.40	1.1
FFC	92.57	24 eP	13	14.00	0.4
	0.8s	5.00nm			5.0mb

S.D. = 1.1 on 34 of 38 obs.

% MAY 12, 1985 23h 02m 51.21± 0.79s
31.646 S ± 9.6km 68.053 W ± 7.6km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.16	284	iPd	02 57.00	-0.5
			S	03 13.40	
RTCV	0.46	242	iPd	03 01.10	-0.3
RTLL	0.48	311	iPd	03 01.30	-0.2
			S	03 07.20	
RTCB	0.66	284	iPd	03 05.00	0.9
			S	03 14.60	
MDZ	1.41	208	eP	03 19.20	4.4X
			eS	03 38.10	
TCA	2.97	85	ePc	03 37.30	0.1
			S	04 12.20	
RFA	3.14	186	e(P)	03 39.60	0.1
			S	04 29.30	

S.D. = 0.6 on 6 of 7 obs.

• MAY 12, 1985 23h 33m 18.31± 3.03s
32.573 S ±15.7km 72.016 W ±19.9km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

ROCH	0.94	115	iPd	33 36.50	0.2
JACH	1.21	96	iPc	33 41.00	0.2
PEL	1.26	117	iPd	33 41.50	-0.2
			iS	33 53.50	
TACH	1.41	140	iPc	33 43.80	-0.2
			iS	33 57.60	
SAN	1.44	128	iPd	33 44.00	-0.4
			iS	33 59.20	
LNV	1.47	160	iP	33 44.90	0.1
			iS	34 00.10	
FCH	1.63	118	iPd	33 47.50	0.0
PCH	1.64	130	ePc	33 47.40	0.1
CHCH	1.77	140	iPc	33 49.60	0.3
MDZ	2.69	97	eP	34 07.70	5.3X
			iS	34 40.40	
RFA	3.68	127	ePc	34 13.20	-3.4X
TCA	6.43	81	iPd	34 55.40	0.0
			S	36 05.00	

S.D. = 0.2 on 10 of 12 obs.

• MAY 13, 1985 01h 02m 15.65± 0.73s
8.289 N ± 9.0km 104.122 W ±13.0km
DEPTH = 10.0km (geophysicist)
4.8mb (8 obs.) 4.4Msz (2 obs.)
OFF COAST OF MEXICO (63)

[illegible]	11.60	24	ePd	04 56.00	-0.4
[illegible]PM	11.71	24	ePd	05 06.00	0.0
[illegible]M	11.76	21	iPd	05 07.00	0.2
[illegible]C	12.04	23	eP	05 14.00	3.4X
[illegible]C	12.35	22	eP	05 24.00	9.2X
GIE	16.44	122	eP	06 09.70	1.6
			e(S)	08 10.00	
LTX	20.94	1	eP	07 02.30	1.0
JCT	22.44	10	iP	07 17.40	1.1
	1.0s		20.50nm		4.6mb
ALQ	26.61	356	eP	07 57.30	0.9
	1.5s		20.83nm		4.6mb
BHO	27.33	17	eP	08 02.30	-0.3
TUL	28.53	14	eP	08 12.70	-0.8
	0.9s		19.60nm		4.9mb
Z	22s		0.76um		4.3Msz
RLO	28.96	15	eP	08 15.70	-1.7
EUR	32.83	343	iP	08 53.20	1.4
	0.4s		4.62nm		4.8mb
BMN	34.07	342	eP	09 03.50	1.0
BDW	34.68	353	eP	09 10.00	2.1
	1.0s		14.00nm		4.8mb
LRM	38.08	351	eP	09 37.40	0.9
NEW	41.33	347	eP	10 02.00	-1.2
PNT	42.91	345	eP	10 16.00	-0.1
	0.8s		13.00nm		4.7mb
RSON	43.31	10	eP	10 19.80	0.5
LP8	43.34	125	P	10 20.10	-0.4
Z	20s		0.71um		4.6Msz
			LR	24 20.00	
CCH	45.38	124	eP	10 37.00	0.2
EDM	45.43	352	ePc	10 36.00	-0.4
FFC	46.34	2	eP	10 43.00	-0.5
	1.4s		18.00nm		4.9mb

YKC	54.61	354	eP	11 42.00	-4.4X
YKA	54.64	354	eP	11 45.60	-1.0
INK	63.01	348	eP	12 43.00	-1.7
COL	64.22	341	eP	12 52.00	-0.8
	0.8s		5.60nm		4.8mb
SOB1	65.33	104	e(P)	13 01.00	0.2
ITR	67.61	103	eP	13 13.70	-1.6
MBC	68.43	356	eP	13 19.00	-0.4

S.D. = 1.1 on 27 of 30 obs.

• MAY 13, 1985 01h 56m 12.95± 1.86s
6.362 S ± 8.6km 151.871 E ±19.7km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	2.18	8	eP	56 56.00	8.4X
KVG	3.91	344	eP	57 12.00	-0.3
LMG	4.47	235	eP	57 15.00	-5.4X
LAT	4.85	266	e(P)	57 25.00	-0.5
PMG	5.57	237	eP	57 36.00	0.3
MDG	6.16	280	eP	57 44.00	-0.1
MOM	6.19	314	eP	57 45.00	0.6
WB2	21.72	230	eP	01 03.20	-0.2
WRA	21.73	230	Pc	01 03.70	0.2
	0.9s		6.30nm		4.0mb

S.D. = 0.5 on 7 of 9 obs.

• MAY 13, 1985 02h 06m 46.02± 1.31s
5.932 S ±18.9km 151.411 E ±23.4km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.89	24	iPc	07 16.50	0.0
LMG	4.38	227	eP	07 53.00	0.9
LAT	4.44	260	eP	07 53.00	0.1
PMG	5.45	230	eP	08 06.00	-1.1
WB2	21.65	228	eP	11 35.60	-0.2
WRA	21.66	228	Pc	11 36.30	0.4
	0.5s		2.00nm		3.8mb

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

• MAY 13, 1985 02h 59m 08.04± 0.93s
16.952 N ±18.2km 62.565 W ±16.3km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

SEG	1.15	118	eP	59 26.15	-1.7
			S	59 42.80	
PAG	1.25	137	ePc	59 29.30	0.0
			S	59 48.40	
MGG	1.58	130	eP	59 34.00	0.0
MDN	1.97	145	eP	59 41.50	1.7
FDF	2.59	148	eP	59 48.54	-0.1
			S	00 23.30	
CRM	2.70	144	eP	59 50.04	-0.1
BIM	2.82	149	eP	59 51.67	-0.1
MVM	2.87	146	eP	59 52.55	0.0
SJG	3.61	289	iPd	00 01.90	-1.2
YKA	58.00	334	eP	09 01.20	1.6

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

MAY 13, 1985 03h 40m 56.50± 0.28s
16.474 N ± 4.1km 120.918 E ± 6.0km
DEPTH = 10.0km (geophysicist)
5.2mb (24 obs.) 5.4Msz (5 obs.)
LUZON, PHILIPPINE ISLANDS (249)
Felt (IV RF) ot Baguio ond Sonto. Felt (II RF) in the port oreo of Manilo.

SZP	1.16	338	iPc	41 18.00	-0.2
MAN	1.81	175	eP	41 32.00	4.1X
			eS	41 56.00	
QCP	1.83	175	iP	41 10.00	-18.3X
PPR	6.99	198	ePc	42 42.00	0.6
	1.0s		82.80nm		5.8mb
HKC	8.61	313	iP	43 01.30	-2.8
			iS	44 35.20	
ANP	8.68	4	eP	43 00.00	-5.2X
QZH	8.70	346	eP	43 03.30	-2.0
			S	44 38.00	
CGP	8.78	155	iPd	43 10.00	3.5X
MCO	8.93	310	eP	43 06.30	-2.3
GZH	9.70	314	iPc	43 16.10	-3.0
			iS	45 00.80	

DAV	10.38	153	eP	43 34.00	5.5X
			eS	45 34.00	
SSE	14.56	1	eP	44 20.00	-4.4X
Z	28s		10.50um		
N	18s		6.80um		
E	16s		20.90um		
			S	47 08.00	
			SS	47 25.00	
WHN	15.24	338	eP	44 35.50	2.2
			S	47 27.00	
NJ2	15.62	353	eP	44 39.60	1.3
GYA	16.56	309	Pd	44 52.00	1.4
KMI	19.03	300	Pd	45 23.50	2.6
	6.0s		1.90nm		2.5mb X
N	11s		9.50um		
			sP	45 44.00	
			PP	45 51.00	
			S	49 04.00	
TIA	19.95	351	Pc	45 31.70	0.1
XAN	20.55	331	Pc	45 37.70	-0.3
SHK	20.85	28	eP	45 45.10	4.1X
NNT	20.86	262	eP	45 43.00	1.8
CD2	21.25	316	iPd	45 46.00	0.8
AAI	21.28	160	eP	45 49.40	3.8X
	0.9s		10.00nm		4.2mb X
KHT	21.57	269	eP	45 51.00	2.6
MKS	21.60	184	ePd	45 49.00	0.3
	1.5s		6.50nm		3.8mb X
			e	48 47.00	
TIY	22.44	342	eP	45 58.70	1.6
KGM	22.50	232	eP	45 59.00	1.2
IPM	22.82	241	ePc	46 03.10	2.2
PJG	23.30	94	e(P)	46 09.80	4.2X
			eS	50 31.20	
GUA	23.35	94	e(P)	46 08.30	2.2
	1.0s		104.00nm		5.3mb
BJI	23.84	351	eP	46 12.00	1.4
E	20s		6.80um		
			epP	46 26.00	58kmX
			esP	46 34.00	
			ePP	46 52.00	
			esS	50 52.00	
			eSS	51 25.00	
LZH	24.74	325	Pd	46 02.50	-17.1X
	2.5s		422.00nm		
N	12s		6.70um		
E	13s		11.30um		
			eS	50 48.00	
LZH	24.74	325	Pd	46 20.50	0.9
MAT	25.20	34	eP	46 22.00	-1.8
	1.5s		77.78nm		5.2mb
			eS	50 48.00	
MED	25.34	242	e(P)	46 31.00	5.7X
			e	48 12.00	
SNY	25.37	5	Pd	46 25.20	-0.1
			PP	47 04.00	
			S	50 43.50	
TRT	25.38	199	ePd	46 26.50	0.9
	1.2s		129.00nm		5.5mb
TSI	25.47	242	e(P)	46 32.00	5.5X
PSI	25.60	240	eP	46 28.00	0.3
HHC	25.60	343	eP	46 28.00	0.3
			S	50 54.00	
BTO	25.83	341	eP	46 29.00	-0.8
PPI	26.32	232	eP	46 33.00	-1.4
CN2	27.51	7	Pc	46 45.00	0.0
			PP	47 33.00	
			S	51 23.00	
SHL	28.52	293	eP	46 53.20	-1.4
			eS	51 48.00	
MDJ	28.99	13	eP	46 58.10	-0.3
			PP	47 51.00	
			PPP	48 06.00	
			S	51 48.10	
GTA	29.35	325	P	47 02.00	0.1
KNA	32.94	166	eP	47 32.00	-1.5
PKI	34.61	295	eP	47 47.00	-1.3
	0.8s		19.00nm		5.0mb
KKN	34.76	295	eP	47 49.00	-0.5
	0.9s		36.00nm		5.3mb
DMN	34.88	295	eP	47 49.80	-0.8
	0.9s		30.00nm		5.2mb
LMG	36.91	131	e(P)	48 00.00	-7.7X
WRA	38.52	159	P	48 21.00	0.0
	1.1s		47.10nm		5.1mb
WB2	38.52	159	eP	48 18.70	-2.3
			eS	54 14.90	

13d 03h

HYB	40.48	278	eP	48	36.70	-0.7
	1.2s		35.70nm			4.9mb
ASPA	41.86	162	iPc	48	48.20	-0.4
			e	54	43.00	
			i(S)	55	07.00	
GBA	42.03	272	Pd	48	50.60	0.5
	0.9s		25.60nm			5.0mb
KOD	42.66	267	eP	48	56.00	0.3
			eS	55	20.00	
WBN	42.71	172	eP	48	55.50	0.0
MEK	42.89	183	eP	48	56.00	-0.9
CTA	44.04	145	iPd	49	08.50	2.1
	1.2s		46.88nm			5.2mb
			lS	55	40.00	
KSH	45.23	310	eP	49	17.00	1.0
			eS	55	58.00	
KLB	47.89	184	eP	49	35.00	-1.7
NWAO	49.25	184	eP	49	34.00	-13.2X
STK	52.01	158	eP	50	08.00	-0.3
ADE	53.88	162	iPd	50	21.50	-0.7
YOU	56.84	153	eP	50	34.50	-9.2X
BFD	57.12	159	eP	50	44.00	-1.6
MHI	57.53	303	eP	50	49.00	0.2
			eS	58	48.00	
CAN	57.99	153	eP	50	51.70	-0.1
WAM	58.68	154	eP	50	56.50	0.0
SHI	63.50	295	eP	51	29.00	-0.6
IR2	64.50	302	eP	51	36.00	-0.1
TTA	72.33	28	e(P)	52	26.10	1.9
SVW	72.58	30	e(P)	52	28.70	3.1X
PME	75.69	30	e(P)	52	43.60	0.0
	0.9s		22.90nm			5.2mb
KEV	76.03	339	iP	52	52.40	7.0X
	0.7s		18.70nm			5.3mb
			i	52	57.00	
			eS	02	40.00	
SOD	76.58	337	iP	52	48.40	-0.1
KJF	76.71	333	iP	52	49.00	-0.2
	0.8s		33.70nm			5.5mb
Z	16s		2.00um			5.5MszX
			i	52	57.00	
			eS	02	32.00	
			LR	33	40.00	
TOA	76.95	29	e(P)	52	51.80	1.1
HRI	77.21	301	eP	52	53.00	0.2
SUF	77.68	332	iP	52	52.50	-2.1
	0.4s		4.20nm			4.9mb
JER	77.96	300	eP	52	59.50	2.6X
PRNI	78.42	298	eP	53	05.00	5.5X
NUR	78.87	330	eP	53	00.00	-1.2
	1.0s		22.00nm			5.2mb
Z	18s		1.60um			5.4Msz
			eS	02	56.00	
			ePPS	04	04.00	
			LR	30	30.00	
INK	80.46	21	eP	53	09.00	-0.7
MBC	80.81	12	eP	53	11.00	-0.4
	0.8s		28.00nm			5.3mb
VRI	81.22	315	eP	53	19.00	4.9X
MLR	81.85	315	eP	53	20.00	2.4
UPP	82.42	330	iP	53	19.10	-0.9
			i	53	22.90	
DAG	83.93	351	iPd	53	26.30	-1.3
	0.5s		7.75nm			5.2mb
CLO	84.09	315	eP	53	30.00	1.0
HFS	84.16	331	eP	53	28.50	-0.5
	0.5s		10.00nm			5.3mb
KRA	84.39	321	ePc	53	33.50	3.2X
	1.5s		86.00nm			5.8mb
Z	20s		2.30um			5.6Msz
N	25s		2.60um			
E	25s		2.10um			
			e	53	37.50	
SPC	84.49	320	eP	53	34.00	2.9X
NAI	84.71	267	eP	53	32.00	-0.9
	0.6s		13.33nm			5.3mb
NB2	84.91	333	P	53	29.60	-3.2X
	1.1s		36.10nm			5.5mb
VAY	85.39	312	iP	53	34.00	-1.5
BEO	85.76	315	eP	53	40.40	3.1X
SKO	85.99	312	iPc	53	41.40	2.9X
			eS	03	50.00	
SRO	86.15	319	eP	53	42.80	3.6X
KONO	86.24	332	eP	53	40.50	1.2
KSP	86.31	322	eP	53	40.20	0.3
			ed	53	44.30	
OHR	86.72	312	eP	53	43.00	0.8
ZST	86.78	319	eP	53	45.70	3.4X
PRU	87.67	322	P	53	50.00	3.5X
Z	16s		1.10um			5.4MszX
N	16s		0.80um			
E	16s		1.30um			
			e	04	24.00	
BRG	87.67	323	eP	53	47.90	1.4
	1.4s		17.00nm			5.2mb
CLL	88.04	323	eP	53	51.00	2.7X
	2.2s		32.00nm			5.3mb
Z	17s		1.50um			5.5MszX
KHC	88.59	321	P	53	54.50	3.5X
Z	16s		0.50um			5.0MszX
N	16s		0.60um			
E	17s		0.60um			
			e	55	09.50	
MOX	89.12	323	eP	54	02.00	8.5X
Z	20s		1.40um			5.4Msz
N	17s		1.40um			
			e	04	20.00	
LJU	89.22	318	eP	53	56.50	2.5X
			e(S)	04	40.50	
KBA	89.56	319	e(P)	53	54.00	-1.8
VOY	89.63	318	eP	53	56.80	0.7
GRB2	89.67	322	e(P)	53	45.00	-11.1X
	0.6s		5.00nm			
TRI	89.84	318	eP	53	56.60	-0.3
			eSKS	04	20.00	
			eS	04	48.00	
			eSP	05	52.00	
			eSPP	06	36.00	
			eSS	10	48.00	
			eSSS	14	36.00	
YKA	90.15	23	eP	53	58.70	0.7
ORI	90.19	312	eP	54	02.50	3.8X
YKC	90.20	22	eP	53	59.00	0.7
CTI	91.05	319	eP	54	03.00	0.3
OGA	91.09	320	eP	54	03.60	0.6
ALQ	111.91	41	ePKP	59	30.00	-4.2X
Z	20s		0.80um			5.3Msz
JCT	119.05	40	ePKP	59	43.00	-4.8X
Z	20s		0.71um			5.3Msz
BOG	154.33	37	ePKP	01	03.00	11.6X
PSO	154.85	47	ePKP	01	00.00	7.9X
LPB	171.35	92	ePKP	01	10.00	2.7X
	S.D. = 1.3		on 84 of 123 obs.			

* MAY 13, 1985 03h 47m 47.86± 1.83s
42.939 N ±11.3km 0.744 W ±10.1km
DEPTH = 5.0km (geophysicist)
PYRENEES (378)

LHE	0.09	106	Pc	47	49.40	-0.6
ISSF	0.10	337	Pc	47	49.58	-0.5
ATE	0.15	12	Pc	47	50.82	-0.2
			S	47	54.49	
ESCF	0.19	42	Pc	47	51.66	-0.1
			S	47	55.60	
MADF	0.21	344	Pd	47	52.00	-0.1
			S	47	56.25	
JAU	0.29	70	Pc	47	53.42	-0.4
			S	47	58.61	
OGE	0.30	41	Pc	47	53.68	-0.3
EPF	0.80	83	Pg	48	02.30	-1.6
			Sg	48	13.50	
MLS	1.34	89	eP	48	15.10	2.0
			eS	48	32.30	
LPO	2.23	38	Pg	48	26.80	0.7
			Sg	48	57.70	
LFF	2.27	28	Pg	48	27.50	1.0
			Sg	48	58.10	
CAF	2.84	45	Pg	48	34.60	-0.1
			Sg	49	10.10	
RJF	2.87	34	Pg	48	35.30	0.2
			Sg	49	11.60	
	S.D. = 1.0		on 13 of 13 obs.			

* MAY 13, 1985 04h 07m 52.83± 1.04s
5.666 S ±10.5km 151.249 E ±10.4km
DEPTH = 14.1 ± 9.5 km
4.4mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	0.40	331	iP	08	00.80	-0.4
			lS	08	05.50	
RAB	1.73	32	iPd	08	22.00	-0.6
KVG	3.11	352	eP	08	42.50	0.2
BGA	3.94	97	eP	08	55.00	0.7
			eS	09	45.00	
LMG	4.45	223	eP	09	02.00	0.4
MOM	5.26	313	eP	09	14.00	1.1
PMG	5.50	227	eP	09	18.00	1.6
WB2	21.71	228	eP	12	43.80	-1.8
WRA	21.72	228	Pd	12	44.30	-1.4
	1.3s		21.20nm			4.4mb
	S.D. = 1.4		on 9 of 9 obs.			

? MAY 13, 1985 04h 13m 24.24± 2.14s
13.460 N ±24.9km 91.619 W ±21.7km
DEPTH = 143.9 ± 15.0 km
4.2mb (8 obs.)
NEAR COAST OF GUATEMALA (71)

COM	2.82	350	iP	14	11.40	1.6
VHO	6.20	308	eP	14	53.00	-1.8
			iS	16	01.00	
JCT	18.55	337	eP	17	32.00	-0.6
LTX	19.35	327	ePd	17	40.80	-0.3
	1.0s		9.00nm			4.1mb
BOG	19.42	115	eP	17	42.00	-0.1
BHO	21.04	352	eP	17	58.50	0.5
	0.7s		1.90nm			3.6mb
TUL	22.67	351	e(P)	18	23.00	9.0X
	0.8s		7.50nm			4.2mb
RLO	22.82	353	eP	18	13.20	-2.2
ALQ	25.25	330	eP	18	40.00	1.2
	1.0s		4.50nm			4.9mb
BDW	33.07	335	eP	19	56.00	7.6X
	0.8s		0.73nm			3.5mb
EUR	33.65	325	iP	19	55.20	1.8
	0.2s		8.09nm			5.1mb
BMN	35.00	325	eP	20	17.50	12.7X
	0.7s		3.11nm			
RSON	37.34	358	eP	20	22.00	-2.1
	0.9s		10.92nm			4.6mb
PNT	42.52	333	eP	21	08.00	1.1
	0.8s		10.00nm			4.5mb
YKC	51.59	347	eP	22	17.00	-0.5
YKA	51.63	347	eP	22	18.00	0.2
INK	61.04	344	eP	23	25.00	0.5
COL	63.88	337	eP	23	44.00	0.6
GBA	151.01	22	PKPd	33	05.80	9.6X
	S.D. = 1.4		on 15 of 19 obs.			

MAY 13, 1985 04h 28m 29.23± 0.57s
4.892 S ± 6.0km 151.437 E ± 6.9km
DEPTH = 169.5 ± 7.2 km
4.4mb (3 obs.)
NEW BRITAIN REGION (192)

KVG	2.39	344	iP	29	11.00	0.5
BGA	3.93	109	iPc	29	29.80	-0.1
			eS	30	26.00	
PAA	4.27	109	iPc	29	33.80	-0.5
			eS	30	32.00	
LMG	5.15	219	iPd	29	44.40	-1.5
PMG	6.18	223	eP	30	00.00	0.7
GUA	19.42	341	eP	32	45.40	0.6
	0.7s		180.82nm			5.6mb X
PJG	19.48	341	eP	32	45.90	0.5
RMQ	21.63	187	eP	33	08.00	1.2
WB2	22.37	227	eP	33	13.80	-0.3
			eS	37	04.00	
WRA	22.38	227	Pc	33	14.70	0.6
	0.6s		3.80nm			4.1mb
NOU	22.60	141	iPc	33	16.80	0.5
MEK	38.11	232	eP	35	33.00	-0.5
TCW	41.55	154	P	36	02.00	0.5
PKI	71.31	301	eP	39	32.90	-0.1
KKN	71.48	301	eP	39	33.00	-0.9
	0.7s		6.00nm			4.5mb
DMN	71.58	301	eP	39	34.80	0.3
	0.8s		13.00nm			4.7mb
COL	82.48	22	eP	40	32.00	-1.6
NB2	116.53	340	PKP	46	49.60	-4.6X
	0.6s		0.70nm			
	S.D. = 0.9		on 17 of 18 obs.			

? MAY 13, 1985 04h 46m 03.10± 1.16s
16.529 N ±19.3km 121.015 E ±13.8km
DEPTH = 10.0km (geophysicist)
4.3mb (4 obs.)
LUZON, PHILIPPINE ISLANDS (249)
Felt (II RF) at Baguio.

```
BAG      0.43 254 iPc+   46 12.00    0.0
MAN      1.86 178 eP     46 40.00    4.8X
                  eS     47 04.00
WRA     38.54 160 Pd     53 28.30    0.6
         0.9s      5.20nm          4.2mb
WB2     38.54 160 eP     53 27.20   -0.6
GBA     42.12 272 P      54 02.00    4.6X
         0.5s      2.90nm          4.3mb
SLL     84.19 332 (P)    58 37.50    1.8
         0.5s      7.80nm          5.2mb
NB2     84.90 333 P      58 37.60   -1.8
         0.9s      1.50nm          4.2mb
       S.D. = 1.8  on   5 of   7 obs.

?  MAY  13, 1985  06h 12m 40.37± 1.99s
    6.101 S ±20.5km  151.756 E ±29.0km
    DEPTH =  33.0km  (normal)
    3.7mb (  1 obs.)
  NEW BRITAIN REGION                (192)

RAB      1.94  12 iPd    13 11.50   -0.2
LMG      4.53 232 eP     13 49.00    0.3
LAT      4.76 263 eP     13 52.00    0.4
PMG      5.62 234 eP     14 02.50   -1.4
WB2     21.80 229 eP     17 32.50    0.8
WRA     21.81 229 P      17 37.00    5.2X
         0.6s      2.10nm          3.7mb
       S.D. = 1.2  on   5 of   6 obs.

&  MAY  13, 1985  06h 13m 20.40s
    31.940 N          115.860 W
    DEPTH =   6.0km  (geophysicist)
  BAJA CALIFORNIA                   ( 48)
       <PAS-P>. ML 3.1 (PAS).

IKP      0.74 344 iPc    13 34.30   -0.8
                  eS     13 44.50
BAR      1.01 317 iPc    13 52.50   12.6
GLA      1.41  38 eP     13 43.80   -2.9
SLBC     1.59 312 eP     13 49.50    0.3
                  eS     14 10.80
SDW      2.85 339 e(P)   14 11.80    4.4
         5 obs. associated

*  MAY  13, 1985  06h 33m 10.85± 1.94s
    16.964 S ±19.1km  167.811 E ±15.6km
    DEPTH =  33.0km  (normal)
    4.0mb (  1 obs.)
  VANUATU ISLANDS                   (186)

PVC      0.91 148 iPd    33 27.10   -0.1
                  iS     33 39.50
KOU      4.90 223 iPd    34 23.80   -0.3
                  iS     35 19.40
NOU      5.47 193 iPd    34 32.50    0.3
                  iS     35 32.00
B2      31.85 259 eP     39 35.20    0.0
WRA     31.86 259 Pd     39 35.40    0.1
         0.6s      1.40nm          4.0mb
       S.D. = 0.3  on   5 of   5 obs.

   MAY  13, 1985  07h 00m 08.64± 1.19s
    0.392 S ± 9.2km   98.651 E ± 8.5km
    DEPTH =  63.9 ±  8.8 km
    4.6mb (  6 obs.)
  NORTHERN SUMATERA                 (706)

PPI      1.94 116 iPc    00 41.20    1.3
                  i(S)   01 14.50
PSI      2.30   7 iPd    00 45.40    0.4
                  e(S)   01 07.00
TSI      3.09 358 e(P)   00 59.00    2.9X
MED      3.14   1 e(P)   00 58.00    1.3
IPM      4.79  30 iPd    01 19.00   -1.0
                  i      01 41.90
                  eS     02 37.90
                  e      03 08.90
KGM      4.94  71 iPc    01 21.20   -0.9
                  i      01 33.10
                  i      01 52.90
BSI      6.07 327 iPd    01 35.50   -2.4
NNT     12.17   5 eP     03 01.20   -0.1
KHT     14.30 360 eP     03 34.00    4.6X
KKM     18.41  72 ePd    04 21.80    0.6
         0.6s     50.20nm          4.9mb
PPR     22.05  64 eP     05 01.00    1.5
GBA     24.77 303 Pc     05 27.40    1.4
         0.7s     14.20nm          4.6mb
KMI     24.90   9 eP     05 27.00   -0.5
HYB     26.03 312 eP     05 38.50    0.7
                  e      06 13.50
PKI     29.86 336 eP     06 12.50   -0.2
         0.6s      5.00nm          4.4mb
LSA     30.01 347 P      06 14.50    0.3
DMN     30.02 335 eP     06 14.10    0.0
         0.6s      6.00nm          4.5mb
KKN     30.11 336 eP     06 14.50   -0.3
         0.6s     18.00nm          5.0mb
CD2     30.74   9 P      06 20.60    0.6
WHN     33.49  25 Pd     06 44.00    0.0
XAN     34.83  15 P      06 53.30   -2.3
GTA     38.85   1 iPc    07 29.80    0.4
                  PcP    09 40.80
WRA     40.38 122 Pd     07 34.50   -7.7X
         0.8s      0.60nm          3.5mb X
WB2     40.39 122 eP     07 40.30   -2.0
BTO     41.33  13 eP     07 50.00    0.1
HHC     41.94  15 eP     07 56.00    1.1
BJI     42.57  20 eP     08 01.00    1.1
WMQ     44.33 349 P      08 15.00    0.8
CN2     49.38  25 P      08 52.50   -1.3
MNG     80.27 131 eP     12 14.00   -0.3
KJF     81.43 335 iP     12 20.00    0.2
SUF     81.69 334 iP     12 21.20    0.0
         0.7s      2.40nm          4.3mb
NUR     81.82 331 eP     12 22.00    0.1
SOD     82.78 338 eP     12 27.00    0.2
KEV     83.34 341 eP     12 39.00    9.4X
RSSD   131.28  22 e(PKP)19 16.30    0.6
                  e      22 36.30
                  e      23 00.50
BHO    143.16  19 ePKP   19 34.20   -3.4X
         0.8s      2.40nm
JCT    144.63  28 iPKP   19 39.00   -1.3
         0.8s     11.57nm
FDF    155.00 308 ePKP   20 08.40   12.0X
       S.D. = 1.1  on  33 of  39 obs.

*  MAY  13, 1985  07h 21m 33.66± 1.17s
    31.296 S ±15.7km   67.891 W ± 7.3km
    DEPTH =  10.0km  (geophysicist)
  SAN JUAN PROVINCE, ARGENTINA      (137)

CFA      0.43 224 e(P)   21 42.10   -0.3
                  S      21 48.70
RTLL     0.50 266 iPd    21 43.40   -0.3
RTCV     0.79 224 ePd    21 49.30    0.3
RTCB     0.80 256 eP     21 49.70    0.4
MDZ      1.78 207 eP     22 08.80    4.1X
                  iS     22 37.80
TCA      2.82  92 ePc    22 19.70    0.0
                  S      22 55.10
       S.D. = 0.5  on   5 of   6 obs.

&  MAY  13, 1985  07h 27m 29.50s
    31.930 N          115.850 W
    DEPTH =   6.0km  (geophysicist)
  BAJA CALIFORNIA                   ( 48)
       <PAS-P>. ML 3.5 (PAS).

IKP      0.75 343 iPc    27 43.40   -1.1
                  eS     27 54.10
BAR      1.02 317 iPc    27 47.80   -1.4
                  eS     28 02.10
GLA      1.41  37 eP     27 52.50   -3.3
SLBC     1.61 312 eP     27 57.80   -0.6
                  eS     28 20.40
SDW      2.86 339 e(P)   28 20.00    3.4
         5 obs. associated

?  MAY  13, 1985  08h 04m 59.71± 1.57s
    31.542 N ±16.7km  131.604 E ±20.6km
    DEPTH =  33.0km  (normal)
    4.3mb (  1 obs.)
  KYUSHU, JAPAN                     (235)
       Felt (I JMA) at Miyazaki.

MYZ      0.40 338 iPd    05 07.50   -1.4
                  iS     05 12.50
KAG      0.90 272 eP     05 32.00   16.1X
KUM      1.47 329 eP     05 25.00    0.8
                  S      05 41.90
OIT      1.69   1 eP     05 28.00    0.7
                  eS     05 48.00
GBA     52.58 263 Pc     14 12.70    0.1
         0.6s      2.30nm          4.3mb
INK     62.87  25 eP     15 23.00   -1.3
YKA     72.47  26 eP     16 25.50    1.0
       S.D. = 1.4  on   6 of   7 obs.

?  MAY  13, 1985  08h 05m 09.49± 3.37s
    33.039 S ±12.9km   71.687 W ±28.3km
    DEPTH =  33.0km  (normal)
  NEAR COAST OF CENTRAL CHILE       (135)

ROCH     0.57  83 iPd    05 20.40   -0.9
                  iS     05 30.00
PEL      0.85  97 iPd    05 25.30    0.2
                  i(S)   05 33.00
TACH     0.88 135 iPc    05 25.40   -0.1
                  iS     05 32.70
LNV      0.94 166 iPc    05 26.10   -0.3
                  iS     05 38.10
SAN      0.95 116 iPd    05 27.00    0.4
                  iS     05 40.50
JACH     0.99  69 iPc    05 26.50   -0.6
BACH     1.05 108 iPc    05 28.90    0.9
PCH      1.14 121 iPd    05 29.40    0.1
FCH      1.21 104 iPd    05 31.00    0.6
CHCH     1.24 136 iPc    05 30.40   -0.3
MDZ      2.39  87 eP     05 51.60    4.4X
                  iS     06 25.30
RTCB     2.89  58 eP     05 57.00    2.6X
                  S      06 36.00
RTCV     2.91  67 ePd    05 58.00    3.4X
                  S      06 38.70
RTLL     3.22  59 e(P)   06 01.00    2.1
                  S      06 44.40
TCA      6.25  76 ePc    06 39.70   -2.2
                  S      07 53.00
       S.D. = 1.2  on  12 of  15 obs.

   MAY  13, 1985  08h 23m 35.24± 0.50s
    44.045 N ± 4.6km  113.874 W ± 5.3km
    DEPTH =   5.0km  (geophysicist)
  EASTERN IDAHO                     (457)
       ML 3.2 (NEIS).

HPI      0.65 120 iP     23 48.00   -0.3
TMI      1.60 117 eP     24 03.70   -0.8
LRM      2.04  29 iPnc   24 10.70   -0.2
IMW      2.12  93 eP     24 12.70    0.6
BUT      2.18  25 ePg    24 16.50    3.7X
                  iSn    24 40.90
                  iSg    24 45.00
SXM      2.83  41 ePn    24 22.70    0.6
HRY      3.03  28 ePn    24 24.70   -0.2
BDW      3.38 111 e(P)   24 30.00    0.0
MFW      3.71 302 eP     24 34.00   -0.5
DUG      3.93 168 eP     24 38.30    0.6
NEW      4.78 333 eP     24 50.00    0.3
EUR      4.82 200 eP     24 50.50    0.0
       S.D. = 0.5  on  11 of  12 obs.

   MAY  13, 1985  08h 49m 03.22± 0.23s
    51.466 N ± 5.8km  175.760 E ± 2.9km
    DEPTH =  33.0km  (normal)
    5.4mb ( 55 obs.)  4.8Msz (  7 obs.)
  RAT ISLANDS, ALEUTIAN ISLANDS     (  6)
       CENTROID, MOMENT TENSOR      (HRV)
       Data Used: GDSN
       L.P.B.: 11S, 21C
       Centroid Location:
       Origin Time       08:49: 7.3 0.5
       Lat 52.20N 0.05 Lon 175.40E 0.12
       Dep  13.6 3.6 Half-duration  1.7
       Moment Tensor; Scale 10**24 D-CM
         Mrr= 1.04 0.05  Mtt=-1.05 0.06
         Mff= 0.01 0.05  Mrt= 0.51 0.24
         Mrf=-0.43 0.21  Mtf= 0.17 0.06
        Principal Axes:
         T  Val= 1.28  Plg=70  Azm= 58
         N       -0.05       14       287
         P       -1.23       15       193
       Best Double Couple:Mo=1.3*10**24
        NP1:Strike=264 Dip=33 Slip=  64
        NP2:        114      61       106

SMY      1.63 322 eP     49 27.60   -2.3
ADK      4.72  82 ePd    50 14.40    0.5
SDN     14.66  65 e(P)   52 29.00   -0.7
```

13d 08h

SVW		18.43	47	eP	53	18.40	0.9			0.7s	75.85nm		5.8mb		WRA	79.82	219	Pc	01	08.80	-0.8
TTA		18.93	42	eP	53	23.50	-0.1				ePcP	59	27.00			1.4s	17.70nm			4.9mb	
KDC		19.30	59	ePd	53	25.70	-2.2	FRB		54.68	29	eP	58	29.00	-1.7	MLR	79.97	339	eP	01	11.50	1.2
IMA		21.24	35	eP	53	48.20	-0.2	GZH		55.19	264	P	58	35.00	0.1	FLN	80.10	357	eP	01	10.80	0.0
		0.9s	28.10nm				4.7mb	CD2		55.60	278	eP	58	37.20	-0.7		1.3s	89.50nm			5.6mb	
PMR		21.58	48	e(P)	53	50.60	-1.0	WMQ		56.39	300	iPd	58	42.50	-1.0	LDF	80.26	357	eP	01	11.70	0.1
	Z	18s	3.50um				4.8Msz	ALQ		56.39	75	eP	58	42.20	-1.5		1.0s	24.00nm			5.1mb	
PME		21.63	48	eP	53	50.60	-1.5			1.0s	12.50nm			4.9mb		CMP	80.38	339	ePd	01	22.00	9.6X
COL		23.03	40	eP	54	05.00	-1.0		Z	20s	0.71um			4.8Msz		GRR	80.48	358	eP	01	12.40	-0.4
		0.8s	38.06nm				4.9mb	LHC		56.93	52	iPc	58	46.70	-0.4		1.2s	88.10nm			5.6mb	
			eS		58	28.00				0.9s	73.00nm			5.7mb		SLE	80.55	351	ePd	01	13.60	0.4
FBA		23.03	40	eP	54	06.00	0.0	KEV		56.96	348	eP	58	49.00	1.9	KBA	80.68	348	iPc	01	14.50	0.4
TOA		23.05	48	eP	54	07.00	0.7	SOD		59.23	347	iP	59	05.70	2.7X		0.9s	68.20nm			5.6mb	
BRW		23.44	22	e(P)	54	10.00	0.2	KMI		60.33	274	Pd	59	10.00	-1.4				i	01	22.60	
INK		29.37	36	eP	55	03.00	-1.8	OCO		61.31	68	e(P)	59	18.00	0.4	IR2	80.70	317	(P)	01	14.00	-0.3
MAT		30.47	255	iPd	55	15.00	0.0	LTX		61.98	77	P	59	21.00	-1.4	ZUL	80.84	351	ePd	01	15.50	0.7
		0.8s	11.94nm				4.7mb	TUL		62.01	67	eP	59	22.40	0.1	LPF	80.84	358	eP	01	15.00	0.3
			eS		00	20.00				1.1s	41.20nm			5.5mb			1.2s	46.20nm			5.4mb	
MBC		34.81	22	eP	55	51.00	-1.3		Z	20s	0.67um			4.8Msz		HYB	80.96	286	eP	01	14.50	-1.3
		0.8s	20.00nm				5.1mb	SCH		62.01	36	eP	59	20.50	-1.6		1.0s	45.00nm			5.4mb	
SNY		36.39	276	eP	56	06.70	0.7			1.1s	101.00nm			5.9mb		SAX	80.97	351	ePd	01	17.00	1.2
				PP	57	29.00		KJF		62.02	345	eP	59	20.00	-2.0	CLO	81.04	341	eP	01	17.00	1.2
				S	01	42.00		PPR		62.15	249	eP	59	25.00	1.6	LLS	81.39	351	ePd	01	19.00	1.1
				SS	04	14.00		RLO		62.27	66	eP	59	23.50	-0.6	LOR	81.40	354	eP	01	17.90	0.2
YKC		37.68	45	eP	56	17.00	0.3	AKU		62.70	6	iP	59	27.30	0.9		1.4s	60.90nm			5.4mb	
		0.8s	18.00nm				5.0mb			1.1s	35.44nm			5.4mb		GRC	81.42	355	iPd	01	18.10	0.4
PNT		40.06	67	eP	56	36.00	-0.7	JCT		63.51	74	iP	59	32.10	-0.2				i	01	18.80	
		0.7s	8.00nm				4.6mb			1.2s	101.56nm			5.8mb		OSS	81.45	350	ePd	01	19.40	1.2
EDM		41.71	59	ePc	56	49.50	-0.7		Z	20s	0.89um			4.9Msz		LJU	81.53	347	e(P)	01	19.10	0.7
BJI		42.01	278	eP	56	52.50	-0.2	BHO		63.63	67	eP	59	32.40	-0.6	SSF	81.63	355	eP	01	19.20	0.3
				eS	03	09.00		SUF		63.65	345	iP	59	30.40	-2.4		1.2s	53.50nm			5.4mb	
NEW		42.02	67	eP	56	52.00	-0.7	OTT		65.57	47	eP	59	45.00	-0.4	VOY	81.63	347	eP	01	19.00	0.0
				e	58	48.00		KSH		65.70	303	eP	59	46.00	-0.5	LBF	81.68	354	eP	01	19.10	-0.1
WDC		42.99	80	eP	57	02.30	1.5	NUR		65.98	345	iP	59	47.00	-0.8		1.1s	20.30nm			5.1mb	
ALE		43.12	9	ePd	57	01.30	0.0			1.0s	32.00nm			5.4mb		VDL	81.72	350	ePd	01	21.00	1.4
		1.0s	20.00nm				4.8mb		Z	20s	0.40um			4.6Msz		CTI	81.90	349	eP	01	21.00	0.5
GAS		43.44	81	P	57	06.00	1.5				LR	29	40.00			AVF	81.91	355	eP	01	20.80	0.5
TIA		43.76	273	eP	57	07.20	0.1	WVLY		66.43	51	P	59	49.00	-2.1		1.6s	116.60nm			5.7mb	
ORV		44.25	80	P	57	11.00	0.1	MNT		66.44	46	iP	59	49.00	-2.0	TRI	81.97	347	eP	01	20.40	-0.2
HHC		44.37	282	eP	57	12.00	0.0	SHL		66.73	282	iP	59	50.20	-3.1X	SMF	82.02	354	eP	01	21.40	0.5
SSE		44.60	265	Pd	57	14.50	0.6	NB2		67.16	352	P	59	53.10	-2.3		1.3s	79.40nm			5.6mb	
		1.0s	40.00nm				5.2mb			1.2s	45.30nm			5.4mb		BGF	82.17	355	eP	01	22.50	0.8
	Z	20s	0.90um				4.7Msz	UPP		67.63	348	iP	59	56.90	-1.4		1.4s	47.70nm			5.3mb	
			S		03	50.00		HNME		68.37	42	P	00	01.50	-1.6	MFF	82.25	357	eP	01	22.80	0.7
BKS		44.82	82	iPc	57	17.20	1.6	KONO		68.68	353	eP	00	05.00	0.2		1.2s	55.90nm			5.5mb	
NJ2		45.41	267	Pc	57	19.00	-1.3	KKN		69.07	288	eP	00	07.00	-1.0	MMK	82.29	351	ePd	01	24.20	1.5
				S	04	00.00		PKI		69.16	288	eP	00	07.10	-1.6	DIX	82.32	352	ePd	01	24.60	1.8
WCN		45.47	79	P	57	21.40	0.5	DMN		69.31	288	eP	00	08.60	-0.9	EMS	82.37	352	ePd	01	24.40	1.4
TIY		45.74	278	eP	57	23.80	0.8			0.9s	51.00nm			5.6mb		TCF	82.47	355	eP	01	23.60	0.3
				PP	59	11.00		OXM		71.80	82	ePd	00	26.00	1.2		1.4s	48.40nm			5.4mb	
				S	04	08.00		TPM		72.42	82	ePd	00	29.50	1.2	MZF	82.52	355	eP	01	24.70	1.1
JAS1		45.91	81	iPc	57	25.60	1.4	STJ		72.94	32	eP	00	29.50	-1.1		1.2s	61.70nm			5.5mb	
LRM		46.02	67	eP	57	23.90	-1.4	NDI		73.09	295	eP	00	19.50	-12.4X	LSF	82.54	356	eP	01	24.00	0.4
BMN		46.34	76	eP	57	28.00	0.3	EKA		73.57	359	Pd	00	33.90	-0.3		1.2s	47.90nm			5.4mb	
		0.7s	12.33nm				5.0mb			1.1s	29.40nm			5.2mb		GCM	82.84	68	eP	01	26.40	0.9
FFC		46.81	52	iPd	57	31.00	-0.2	VHO		75.18	81	ePc	00	48.00	3.6X	RJF	83.48	356	eP	01	29.60	1.1
		1.2s	30.00nm				5.2mb	MHI		76.34	312	iPd	00	51.30	0.8		1.1s	26.30nm			5.3mb	
PRI		46.89	83	eP	57	33.40	1.3	CLL		76.56	349	iPd	00	51.20	-0.2	CAF	83.83	355	eP	01	31.40	1.1
MNA		46.99	79	ePc	57	34.00	1.0			1.9s	48.00nm			5.2mb			1.6s	99.50nm			5.7mb	
EUR		47.68	76	iP	57	38.20	-0.3	PBJ		76.61	80	iP	00	54.00	1.8	LFF	83.88	356	eP	01	31.80	1.3
		0.2s	21.77nm				5.8mb	KRA		76.78	344	iPd	00	53.10	0.4		1.2s	84.80nm			5.8mb	
CWC		48.30	81	eP	57	44.00	0.8			0.9s	53.00nm			5.6mb		LPO	84.12	356	eP	01	32.60	0.9
SYP		48.36	84	eP	57	46.00	2.3		Z	20s	1.00um			5.1Msz			1.5s	125.30nm			5.9mb	
ISA		48.55	82	eP	57	45.00	-0.1		N	20s	1.10um					SKO	84.29	341	iP	01	34.00	1.3
CLC		49.00	81	eP	57	48.00	-0.5		E	20s	1.30um					KCT	84.33	336	eP	01	33.80	0.9
WHN		49.25	270	P	57	49.50	-0.9				i	00	59.10			GBA	84.59	285	Pd	01	34.00	-0.4
BDW		49.48	69	eP	57	50.80	-1.6	MOX		77.38	350	eP	00	56.50	0.5		0.9s	25.70nm			5.4mb	
		0.9s	11.97nm				4.9mb			2.0s	59.00nm			5.3mb		VAY	84.68	340	iP	01	35.80	1.2
			ePcP		59	14.30		SPC		77.57	344	eP	00	58.80	1.5	FRF	84.88	352	eP	01	36.70	1.1
SBB		49.59	03	eP	57	53.00	-0.1					e	01	05.70			1.2s	58.20nm			5.7mb	
PAS		49.73	83	eP	57	54.00	-0.1	PRU		77.67	348	Pd	00	58.20	0.7	LRG	85.01	352	eP	01	37.40	1.2
MWC		49.75	83	eP	57	54.00	-0.5					e	01	02.30			1.4s	108.90nm			5.9mb	
GSC		49.82	81	eP	57	55.00	0.1	ENN		77.78	353	eP	00	58.00	-0.1	OHR	85.25	341	eP	01	37.30	-0.2
SDW		50.11	82	P	57	56.70	-0.4	MEM		77.93	353	Pd	00	59.50	0.6	CVF	85.66	350	eP	01	40.40	0.9
XAN		50.28	277	Pd	57	57.70	-0.6	JOS		78.18	343	eP	01	01.00	0.6		1.0s	91.60nm			6.0mb	
RVR		50.33	83	eP	57	59.00	0.4	GRF		78.36	350	eP	01	02.40	1.0	EPF	85.80	357	eP	01	40.40	0.2
SLBC		51.06	84	eP	58	05.50	1.4			1.9s	119.00nm			5.6mb			1.5s	73.10nm			5.7mb	
PLM		51.07	83	eP	58	04.00	-0.5	DOU		78.54	354	P	01	03.20	0.9	MLS	85.84	356	eP	01	41.40	1.0
TPC		51.08	82	eP	58	04.00	-0.4	KHC		78.63	348	iP	01	03.00	0.1	KOD	87.20	283	eP	01	47.00	-0.8
BAR		51.64	84	eP	58	08.00	-0.7	WLF		78.86	353	Pd	01	05.00	1.0	YER	87.28	335	iP	01	47.40	-0.2
DAG		51.70	4	iPc	58	06.00	-2.5	ZST		79.05	346	iPd	01	06.40	1.3	CCH	120.86	79	ePKP	08	09.00	15.1X
		0.7s	6.85nm				4.7mb	SRO		79.23	345	iP	01	06.20	0.1	SLR	144.36	304	ePKP	08	36.20	-1.3
LZH		52.06	282	Pd	58	12.50	0.5	GWF		79.42	352	iPd	01	07.40	0.2	MAW	144.48	217	ePKP	08	34.00	-2.2
		2.0s	113.00nm				5.5mb	VRI		79.43	339	eP	01	09.00	1.7	EVA	144.56	302	iPKPd	08	36.40	-1.5
GTA		52.34	288	P	58	13.60	-0.4	BUH		79.67	352	eP	01	08.30	-0.3		0.8s	16.42nm				
				S	05	38.00		PSI		79.70	261	ePd	01	08.50	-0.7	BPI	144.84	304	ePKP	08	31.70	-6.7X
RSON		53.15	52	ePd	58	18.00	-1.7	WB2		79.81	219	eP	01	08.10	-1.5		0.9s	36.97nm				

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BFS   146.08 304 iPKPd 08 40.20  -0.2
BLF   148.17 303 iPKPc 08 47.00   3.3X
        0.9s     33.85nm
      S.D. = 1.1  on 172 of 180 obs.

?  MAY  13, 1985  09h 01m 19.09± 7.92s
   33 709 S ±15.1km   72.041 W ±65.1km
   DEPTH =  33.0km  (normal)
 OFF COAST OF CENTRAL CHILE          (134)

LNV      0.58 115 iPc   01 29.90  -0.9
                  iS    01 39.50
TACH     0.92  87 iP    01 35.00  -0.7
                  iS    01 50.20
ROCH     1.13  50 iPc   01 39.00   0.1
                  iS    01 56.50
CHCH     1.18 101 iPd   01 39.40   0.0
SAN      1.18  78 iPd   01 39.60   0.2
                  iS    01 58.50
PEL      1.27  64 iPd   01 41.40   0.8
PCH      1.28  86 iPc   01 41.30   0.5
BACH     1.34  75 iPd   01 42.40   0.7
FCH      1.51  76 iPd   01 45.00   0.6
                  iS    02 09.50
JACH     1.59  50 iPd   01 45.50   0.1
                  i(S)  02 07.90
MDZ      2.80  74 iPd   02 09.70   7.2X
                  iS    02 48.80
RFA      3.15 111 ePd   02 08.70   1.2
TCA      6.72  71 ePd   02 55.50  -2.6
                  S     03 26.20
      S.D. = 1.1  on  12 of  13 obs.

   MAY  13, 1985  09h 21m 41.22± 0.30s
   32.638 S ± 3.4km   71.024 W ± 5.8km
   DEPTH =  54.9km  (  2 depth phases)
   4.7mb (  9 obs.)
 NEAR COAST OF CENTRAL CHILE         (135)
      Felt (V) at San Antonio and
      Valparaiso and (IV) at Santiago.

ROCH     0.33 178 iPc   21 51.60   0.1
JACH     0.37  97 iP    21 53.30   1.7
PEL      0.58 151 iPd-  21 54.80   0.9
BACH     0.84 148 iPd   21 57.50   0.3
SAN      0.87 160 iPd   21 57.20  -0.3
FCH      0.92 138 iPd   21 59.20   0.7
TACH     1.02 176 iPc   21 59.10  -0.4
PCH      1.07 157 iPc   22 00.20  -0.1
CHCH     1.33 167 iPc   22 03.60  -0.2
LNV      1.35 194 iPc   22 03.60  -0.5
MDZ      1.85  98 iPd   22 16.10   5.0X
PTCB     2.21  59 iPd   22 21.20   5.0X
RTN      2.24  70 iPd   22 21.20   4.5X
                  S     22 51.50
TLL      2.53  60 ePd   22 24.80   4.1X
FA       2.58  67 ePd   22 26.00   4.7x
                  S     22 56.00
RFA      3.01 136 eP    22 28.50   0.9
                  S     22 50.00
TCA      5.62  78 iPc   23 04.90   0.6
                  S     24 08.00
LYA      6.15  49 e(P)  23 11.50  -0.2
                  (S)   24 26.00
?        9.25  33 ePc   23 53.80  -1.0
                  S     25 46.00
YJA     11.52  27 eP    24 26.80   0.9
LCH     15.82  17 eP    25 27.00   4.8X
ARE     16.11 358 eP    25 28.00   2.1
LPB     16.25  10 P     25 31.20   3.4X
                  S     29 29.00
                  LR    32 25.00
VAO     23 30  72 eP    26 44.50  -0.5
                  e     26 45.80   5kmX
                  e     26 50.90
                  e     27 07.30
                  e     27 25.20
BAO     26.89  56 iP    27 17.80  -1.3
SOB1    36.31  57 eP    28 40.10  -1.5
                  epP   28 51.20  39kmX
ITR     38.39  59 eP    28 57.40  -1.6
        1.0s     15.80nm          4.9mb
                  epP   29 10.90  51km
                  e     29 17.70
SNA     52.49 157 e(P)  30 50.00  -0.4
SPA     57.54 180 e(P)  31 26.50  -0.7
LTX     68.98 330 eP    32 43.30   0.4

BHO     70.33 339 eP    32 50.60  -0.3
TUL     72.03 339 eP    33 00.50  -0.6
        0.7s     10.70nm          4.9mb
RLO     72.04 340 eP    33 00.90  -0.3
KIC     73.84  71 eP    33 11.60  -0.6
        1.2s     76.00nm          5.5mb
ALQ     75.00 330 eP    33 18.50  -0.2
        1.0s      5.00nm          4.4mb
RSSD    82.11 337 eP    33 57.50   0.3
        1.0s      6.00nm          4.6mb
BDW     82.95 332 eP    34 02.00   0.4
        1.0s      2.40nm          4.2mb
EUR     82.98 327 iP    34 03.00   1.2
        1.0s      1.92nm          4.1mb
RSON    85.51 346 eP    34 13.80  -0.2
        0.8s      8.45nm          4.9mb
LRM     86.63 332 eP    34 20.70   0.7
BUL     87.07 112 iPc   34 23.00   0.3
        1.0s      5.50nm          4.7mb
                  ipP   34 39.60  58km
MTD     91.28 111 eP    34 43.00   0.5
GBA    145.55 116 PKPc  41 14.20  -1.2
        0.8s     18.30nm
HYB    148.68 112 ePKP  41 23.50   3.1X
IPM    151.11 163 ePKPd 41 28.90   4.7X
      S.D. = 0.9  on  36 of  45 obs.

?  MAY  13, 1985  09h 36m 36.26± 1.70s
   44.361 N ±14.8km  114.476 W ±17.6km
   DEPTH =   5.0km  (geophysicist)
 WESTERN IDAHO                       ( 33)
      ML 3.0 (BUT).

HPI      1.19 123 eP    36 58.60  -0.5
LRM      2.05  44 ePnc  37 11.90  -0.1
TMI      2.13 119 eP    37 13.60   0.4
BUT      2.13  39 ePg   37 16.60   3.4X
                  eSn   37 39.80
                  eSg   37 42.60
IMW      2.59  99 eP    37 20.00   0.2
NEW      4.31 336 e(P)  37 44.00   0.0
      S.D. = 0.5  on   5 of   6 obs.

?  MAY  13, 1985  09h 38m 22.21± 3.83s
   21.637 S ±52.6km  178.191 W ±25.1km
   DEPTH = 345.4 ± 28.9 km
   4.3mb (  3 obs.)
 FIJI ISLANDS REGION                 (181)

VUN      4.79 318 eP    39 49.20   9.3X
                  eS    40 56.50
SGE      5.44 317 iPd   39 48.00   0.7
YSA      6.34 320 iPc   40 07.00   9.6X
AFI      9.81  40 P     40 38.00  -0.9
                  S     42 24.00
WB2     44.27 263 eP    46 00.30  -0.2
WRA     44.28 263 Pc    46 00.60   0.0
        0.8s     3.30nm          3.6mb
WBN     50.39 253 eP    46 47.00  -0.6
JAS1    80.33  43 eP    49 57.50   0.7
ORV     80.65  41 eP    49 59.00   0.6
GLA     81.30  49 eP    50 03.50   1.5
COL     89.38  12 eP    50 39.00  -1.8
        0.7s      6.85nm          4.7mb
BDW     89.91  43 eP    50 43.50  -0.5
        1.0s      4.00nm          4.3mb
EKA    146.15   5 PKP   57 22.00   0.4
        0.9s      5.60nm
      S.D. = 1.1  on  11 of  13 obs.

&  MAY  13, 1985  09h 55m 37.20s
   34.230 N          119.600 W
   DEPTH =  14.0km
 SOUTHERN CALIFORNIA                 ( 43)
      <PAS-P>. ML 3.0 (PAS).

SBC      0.23 336 iPd   55 42.10  -0.3
                  eS    55 45.90
SYP      0.43 314 iPc   55 45.50  -0.7
                  eS    55 51.50
BLP      0.74 297 eP    55 50.70  -0.6
MWC      1.28  90 iPc   55 59.30  -1.4
SBB      1.54  72 iPc   56 03.40  -0.8
WKTM     1.83  31 eP    56 08.50   0.0
SDW      2.12  79 eP    56 11.50  -1.3
EUR      6.00  28 iP    57 22.50  14.7
        0.2s      0.84nm

      8 obs. associated

*  MAY  13, 1985  10h 06m 48.65± 0.89s
   5.631 S ±10.9km  151.276 E ± 7.0km
   DEPTH =  13.9 ±  8.8 km
   3.9mb (  1 obs.)
 NEW BRITAIN REGION                  (192)

BIAL     0.39 325 iP    06 56.40  -0.4
                  iS    07 01.30
RAB      1.69  32 iPd   07 17.80   0.0
KVG      3.08 351 eP    07 38.00   0.3
BGA      3.92  98 eP    07 49.00  -0.8
PAA      4.24  99 eP    07 55.00   0.6
LAT      4.37 256 eP    08 01.00   4.9X
LMG      4.50 223 eP    07 57.00  -1.0
MOM      5.26 313 eP    08 15.00   6.3X
PMG      5.55 227 eP    08 13.00   0.2
WB2     21.75 228 eP    11 37.00  -4.9X
WRA     21.76 228 Pd    11 43.10   1.1
        0.6s     3.20nm          3.9mb
      S.D. = 0.9  on   8 of  11 obs.

?  MAY  13, 1985  10h 21m 29.05± 3.58s
   66.261 N ±37.7km  149.995 W ±18.2km
   DEPTH =  10.0km  (geophysicist)
 ALASKA                              (676)
      ML 3.3 (PMR).

IMA      1.51 264 iPd   21 56.40   0.1
FBA      1.64 145 iPd   21 57.30  -0.8
TTA      4.23 221 e(P)  22 34.70  -0.3
TOA      4.49 156 e(P)  22 39.70   0.9
PME      4.67 174 eP    22 44.00   2.8X
INK      6.70  65 eP    23 05.00  -4.8X
      S.D. = 1.3  on   4 of   6 obs.

?  MAY  13, 1985  10h 25m 23.68± 3.20s
   66.177 N ±34.6km  150.041 W ±17.2km
   DEPTH =  10.0km  (geophysicist)
 ALASKA                              (676)
      ML 3.4 (PMR).

IMA      1.48 267 iPc   25 50.70   0.2
FBA      1.59 143 iPd   25 51.10  -0.8
TTA      4.15 221 e(P)  26 28.20  -0.4
TOA      4.43 156 eP    26 33.40   1.0
PME      4.59 174 eP    26 37.00   2.3X
      S.D. = 1.3  on   4 of   5 obs.

?  MAY  13, 1985  10h 29m 56.30± 1.22s
   5.343 S ±41.2km  150.900 E ±35.2km
   DEPTH =  33.0km  (normal)
   3.5mb (  1 obs.)
 NEW BRITAIN REGION                  (192)

BIAL     0.15  78 iP    30 02.30  -0.2
                  iS    30 06.30
RAB      1.71  48 eP    30 24.50   0.3
LAT      4.09 251 eP    30 09.00 -49.1X
LMG      4.47 217 eP    31 03.00  -0.7
PMG      5.49 222 eP    31 20.00   2.1
WB2     21.68 227 eP    34 45.30  -1.0
WRA     21.68 227 Pd    34 45.80  -0.6
        0.7s     1.50nm          3.5mb
      S.D. = 1.5  on   6 of   7 obs.

   MAY  13, 1985  10h 40m 59.93± 0.27s
   32.975 N ± 2.4km  132.509 E ± 2.1km
   DEPTH =  43.9 ±  2.4 km
   5.7mb ( 87 obs.)  5.2Msz (  7 obs.)
 SHIKOKU, JAPAN                      (236)
      Felt (IV JMA) at Uwajima and
      (III JMA) at Kochi, Ashizuri and
      Matsuyama. Also felt (III JMA)
      in eastern Kyushu and (II JMA)
      at Hiroshima, Honshu.
      CENTROID, MOMENT TENSOR        (HRV)
      Data Used: GDSN
      L.P.B.: 11S, 22C
      Centroid Location:
      Origin Time        10:41: 4.1 0.4
      Lat 32.83N 0.05 Lon 132.52E 0.06
      Dep  38.9 3.7 Half-duration  2.2
      Moment Tensor; Scale 10**24 D-CM
        Mrr=-2.24 0.10  Mtt=-0.04 0.12
        Mff= 2.28 0.18  Mrt= 0.47 0.21
```

13d 10h

Mrf= 1.03 0.21 Mtf= 0.32 0.11
Principal Axes:
T Val= 2.57 Plg=13 Azm=279
N -0.05 7 11
P -2.52 75 128
Best Double Couple:Mo=2.6*10**24
NP1:Strike= 0 Dip=33 Slip=-103
NP2: 195 58 -82

UWA	0.25	10	ePd	41	07.00	-1.1
			eS	41	12.00	
ASZ	0.50	121	iPc	41	10.40	-0.4
			iS	41	18.00	
OIT	0.79	269	iPc	41	15.80	1.1
			eS	41	26.00	
NOB	0.80	241	P	41	16.80	1.9
			S	41	28.60	
MTY	0.89	15	iPd	41	16.70	0.5
			iS	41	28.60	
KOC	1.04	56	iPd	41	17.70	-0.5
			iS	41	27.50	
ASJ	1.21	266	iPc	41	22.40	1.6
			S	41	33.30	
HIR	1.39	358	Pd	41	24.10	1.0
			iS	41	41.50	
MYZ	1.40	221	Pc	41	25.00	1.7
			iS	41	42.00	
MRT	1.43	79	iP	41	22.70	-1.0
			S	41	38.00	
KUM	1.52	264	iPc	41	27.30	2.2
SHK	1.56	5	iPd	41	26.00	0.4
SHN	1.63	307	iPc	41	27.60	1.0
			iS	41	48.10	
TKM	1.86	44	eP	41	29.00	-0.9
			i	41	53.30	
SAG	1.87	279	iPc	41	31.80	1.8
			iS	41	54.00	
FKK	1.88	289	iPc	41	31.60	1.4
			iS	41	57.50	
UNZ	1.90	264	iPc	41	31.90	1.3
HMD	1.95	349	P	41	32.60	1.5
			S	41	55.00	
TKS	2.04	57	iPc	41	32.10	-0.3
			iS	41	54.20	
OKA	2.07	34	eP	41	32.00	-0.8
			i	41	45.00	
KAG	2.17	230	eP	41	32.00	-2.2
			eS	42	03.00	
NGS	2.23	264	Pc	41	36.60	1.4
			S	42	08.20	
MTS	2.52	11	Pd	41	39.50	0.2
			S	42	12.70	
WKY	2.55	60	Pc	41	39.00	-0.7
			eS	42	06.00	
TAJ	2.58	210	Pd	41	48.80	8.7X
			S	42	20.80	
SHJ	2.77	79	iPc	41	41.00	-1.8
			eS	42	11.00	
KOB	2.80	52	P	41	50.00	6.7X
			S	42	27.80	
TOT	2.88	28	eP	41	44.00	-0.4
			S	42	16.70	
IZU	2.95	295	Pc	41	45.50	0.1
			S	42	20.00	
OSA	3.03	55	eP	41	45.00	-1.5
			S	42	18.00	
OSK	3.09	57	eP	41	46.00	-1.5
			S	42	19.00	
FKJ	3.11	266	Pc	41	48.20	0.6
			S	42	39.40	
OWA	3.27	70	eP	41	48.00	-1.9
			S	42	46.70	
SAI	3.29	12	eP	41	49.00	-1.3
			S	42	27.70	
KYO	3.36	52	eP	41	52.00	0.7
			iS	42	39.40	
HIK	3.86	52	eP	41	59.00	0.8
			S	42	50.00	
NAG	4.30	58	eP	42	05.00	0.5
			eS	42	53.00	
FUK	4.34	44	eP	42	14.00	8.9X
			iS	43	16.00	
HMM	4.67	67	eP	42	09.00	-0.8
			eS	43	06.00	
TKY	5.04	50	eP	41	49.00	-25.9X
			iS	42	30.00	
IID	5.08	59	ePc	42	14.00	-1.6

			S	43	12.50	
NZJ	5.27	210	eP	42	28.00	9.8X
			S	43	32.70	
SHZ	5.29	66	eP	42	17.00	-1.5
			eS	43	25.00	
KOF	5.68	60	eP	42	23.00	-1.0
			e	43	39.00	
WAJ	5.68	38	eP	42	24.00	-0.1
			e	43	50.00	
MAT	5.89	51	iPd	42	25.80	-1.1
			eS	43	37.00	
NGN	5.95	50	eP	42	38.00	10.2X
			S	44	06.20	
OSH	5.99	71	eP	42	27.00	-1.3
OYM	6.09	65	eP	42	28.30	-1.5
SRY	6.18	63	eP	42	29.90	-1.2
TKD	6.26	47	eP	42	38.20	6.1X
DDR	6.29	60	eP	42	33.00	0.4
YOK	6.41	66	eP	42	44.50	10.3X
			eS	43	56.80	
SEO	6.44	317	iP	42	33.70	-1.0
			eS	43	50.00	
KMG	6.49	59	P	42	37.00	1.6
			eS	43	51.00	
TOK	6.58	64	eP	42	50.00	13.4X
			eS	43	04.00	
KYS	6.71	69	eP	42	37.50	-1.0
TSK	7.05	61	eP	42	41.00	-2.2
NII	7.26	45	eP	42	49.00	2.9
			e	44	32.10	
MIT	7.39	60	eP	42	50.00	2.1
			eS	44	30.00	
YAM	8.27	48	eP	43	12.00	11.8X
AKI	9.10	40	eP	43	12.00	0.5
SSE	9.79	262	Pd	43	22.00	0.9
	1.5s		238.00nm			6.1mb
			sP	43	34.00	
			eS	45	08.00	
			Lg	46	02.00	
			e	46	22.00	
ANP	12.35	234	eP	43	58.00	2.1
BJI	14.90	303	eP	44	30.00	0.8
			ePP	44	42.00	
			eS	47	21.00	
			eSS	47	38.00	
			eLg	49	11.00	
SZP	18.81	218	iPc	45	20.00	1.5
HKC	19.39	241	eP	45	23.00	-2.0
			eS	48	59.00	
			eSS	49	22.00	
BAG	19.71	216	eP	45	28.00	-0.8
			eS	49	06.00	
MCO	19.95	242	eP	45	33.60	2.5
MAN	20.99	212	ePd	45	42.50	0.6
	1.0s		776.30nm			6.0mb
GUMO	22.35	147	eP	45	56.20	0.7
	1.9s		6672.06nm			6.8mb X
			e(S)	49	26.70	
PJG	22.35	147	eP	45	56.50	1.0
			pP	46	06.70	38kmX
GUA	22.42	147	eP	45	56.30	0.1
	1.5s		2844.44nm			6.5mb
Z	19s		4.72um			4.9Msz
LZH	23.78	286	Pd	46	09.00	-0.5
	1.2s		405.00nm			5.8mb
E	11s		5.70um			
			S	50	24.00	
CGP	25.45	198	iPd	46	24.50	-0.9
PPR	26.35	212	eP	46	35.50	1.7
	1.1s		99.80nm			5.3mb
DAV	26.55	196	eP	46	33.00	-2.6
			eS	51	20.00	
KMI	27.11	261	Pd	46	40.50	-0.4
E	11s		5.90um			
			pP	46	59.50	83kmX
			sP	47	08.00	
			S	51	12.00	
			sS	51	40.00	
SMY	35.68	44	P	47	55.50	-0.2
KHT	35.70	248	eP	47	55.90	-0.3
SHL	36.03	269	iP	47	57.00	-2.2
			eS	53	30.00	
JAY	36.14	166	ePc	47	59.90	-0.1
NNT	36.17	244	eP	48	00.00	-0.2
AAI	36.69	187	ePd	48	05.00	0.5
	0.8s		22.00nm			5.1mb
KVG	39.36	150	eP	48	27.00	0.1

MKS	39.95	200	ePd	48	30.00	-1.8
			e	51	09.00	
MDG	40.05	159	eP	48	33.00	0.4
IPM	40.75	233	ePc	48	38.40	0.0
	0.8s		127.10nm			5.7mb
			e	48	50.90	
			e	50	40.00	
PKI	40.77	275	eP	48	37.00	-1.9
KKN	40.80	276	eP	48	37.80	-1.3
DMN	41.01	275	eP	48	39.20	-1.6
	1.1s		98.00nm			5.4mb
ADK	41.03	47	ePd	48	40.30	0.0
KGM	41.21	228	eP	48	43.00	0.8
LAT	41.75	158	eP	48	46.00	-0.5
TSI	43.21	234	e(P)	49	00.00	1.5
PSI	43.55	233	eP	49	01.00	-0.3
LMG	44.24	158	eP	49	06.00	-1.0
PMG	44.40	159	e(P)	49	02.00	-6.1X
TRT	44.66	209	ePc	49	10.30	0.1
PPI	44.95	229	eP	49	12.50	-0.1
	1.0s		96.50nm			5.6mb
MTN	45.58	182	iPc	49	17.00	-0.5
	0.9s		148.00nm			5.9mb
			i	49	26.00	
NDI	47.22	280	eP	49	29.00	-1.5
	1.0s		115.00nm			5.8mb
			eS	56	16.00	
KNA	48.58	185	iPd	49	41.00	0.0
	0.8s		162.00nm			6.1mb
SVO	49.31	143	P	49	46.00	-0.7
VSG	49.35	143	P	49	46.00	-1.0
HNR	49.62	143	eP	49	46.00	-3.1X
HYB	50.70	266	eP	49	56.00	-1.5
WRA	52.65	178	Pd	50	11.10	-0.9
	1.1s		169.00nm			6.0mb
WB2	52.65	178	iPd	50	10.70	-1.3
TTA	52.86	33	ePd	50	13.50	0.3
BRW	52.98	22	ePd	50	14.30	0.5
SVW	53.09	35	ePd	50	16.10	1.2
GBA	53.52	262	P	50	17.30	-1.2
ISQ	53.81	172	eP	50	20.00	-0.5
IMA	53.83	29	ePd	50	20.90	0.5
KDC	54.98	39	ePd	50	28.40	-0.3
KOD	55.27	259	eP	50	30.00	-1.8
			eS	54	12.00	
PMR	56.16	34	e(P)	50	37.20	0.0
Z	18s		1.50um			5.1Msz
PME	56.20	34	ePd	50	37.20	-0.3
	0.9s		122.90nm			5.9mb
ASPA	56.34	178	iPd	50	38.40	-0.5
	1.0s		95.00nm			5.8mb
			epP	50	48.00	31kmX
			eS	58	27.00	
COL	56.35	30	iPd	50	38.70	0.1
	1.3s		230.77nm			6.0mb
			e	50	49.00	
FBA	56.35	30	ePd	50	38.80	0.2
TOA	57.47	33	ePd	50	47.30	0.7
NAU	57.55	199	eP	50	48.00	0.6
MHI	58.82	295	eP	50	57.00	0.6
			eS	57	28.00	
WBN	59.06	186	iPd	50	58.00	0.1
MEK	60.73	194	eP	51	08.00	-1.4
RMO	61.12	163	eP	51	11.00	-1.0
INK	61.25	25	iPd	51	12.20	-0.2
	1.0s		114.00nm			6.0mb
KOU	61.28	146	iPc	51	13.10	-0.1
MBC	62.40	15	iPd	51	19.60	-0.5
	0.8s		48.00nm			5.7mb
			pP	51	33.00	48kmX
MRWA	63.80	196	iPd	51	28.80	-1.0
NOU	63.81	145	iPc	51	28.20	-1.8
ALE	64.53	2	ePd	51	33.80	-0.2
	1.0s		68.00nm			5.7mb
KEV	64.56	338	iP	51	32.50	-1.8
	0.9s		147.00nm			6.0mb
			eS	00	10.00	
BAL	64.98	195	iPd	51	36.70	-0.7
STK	65.08	171	iPd	51	37.80	-0.2
			e	51	48.00	
CMS	65.34	167	iPd	51	59.70	20.0X
YSA	65.52	132	ePd	51	42.80	1.7
IR2	65.53	298	eP	51	41.00	-0.2
KLB	65.71	194	iPd	51	41.30	-0.8
SOD	65.76	336	iP	51	40.20	-1.9
COO	65.82	162	eP	51	43.00	0.1
SGE	66.41	132	eP	51	48.10	1.1

SHI	66.81	291	eP	51	47.00	-2.5	DIM	79.68	314	eP	53	06.00	1.6	LJU	83.45	322	eP	53	23.90	-0.2
KJF	66.85	333	iP	51	47.90	-1.2	GAS	79.70	49	P	53	06.00	1.2				eS	03	40.50	
	1.2s	202.30nm			6.1mb		ELL	79.90	307	eP	52	49.90	-16.0X	TNS	83.52	328	ePd	53	24.40	0.0
		eS	00	38.00			KDZ	80.05	313	iP	53	06.00	-0.5	MSZ	83.72	155	P	53	26.00	0.8
TRO	67.07	340	iP	51	49.30	-1.0	BUD	80.16	321	e(P)d	53	07.00	0.1	VOY	83.79	322	iPd	53	25.20	-0.7
NWAO	67.11	194	iPd	51	50.30	-0.7	SRO	80.33	321	iP	53	08.20	0.4	EUR	84.01	46	iP	53	28.80	1.5
ADE	67.83	175	iPd	51	55.50	-0.1	ORV	80.53	49	P	53	09.00	0.0		0.5s	42.82nm			5.8mb	
	0.8s	56.72nm			5.7mb		CLL	80.69	326	iPd	53	09.30	-0.3	TRI	84.08	322	iPd	53	26.40	-0.8
SUF	68.18	332	iP	51	55.70	-1.7		1.4s	150.00nm			5.8mb					i	56	22.00	
	1.1s	168.70nm			6.0mb					eS	03	13.00					ePPP	58	44.00	
RKG	68.26	194	eP	52	01.50	3.3X	ZST	80.72	322	iPd	53	10.50	0.7				iS	03	44.00	
YOU	68.54	166	iPd	52	00.20	0.2	VTS	80.79	315	iP	53	10.00	-0.3				eSP	04	37.00	
KER	68.90	298	eP	52	08.00	5.5X	PRU	80.83	325	Pd	53	10.50	0.1				eSS	09	42.00	
DAG	69.06	353	iPc	52	01.80	-0.9		1.2s	44.60nm			5.3mb					eSSS	13	26.00	
	0.9s	142.86nm			5.9mb		Z	16s	4.50um			5.9MszX		EKA	84.20	336	Pc	53	27.60	-0.1
CAN	69.68	166	iPd	52	07.30	0.4	N	16s	2.00um						1.4s	93.30nm			5.7mb	
		i		52	17.00		E	16s	2.50um					STU	84.22	326	iPd	53	28.20	0.3
NUR	69.93	330	iP	52	06.90	-1.2				pP	53	24.00	46kmX		1.0s	80.00nm			5.8mb	
	1.0s	54.00nm			5.5mb					ePP	56	15.00			Z 16s	4.71um			6.0MszX	
	Z 17s	1.70um			5.4MszX					S	03	16.00		ENN	84.24	329	iPd	53	27.70	-0.2
		i		52	19.80		FFC	80.91	29	iPd	53	11.30	0.6		1.0s	61.00nm			5.7mb	
		eS		01	12.00			1.1s	101.00nm			5.7mb					e	53	40.50	
		eSS		05	32.00		BKS	81.02	51	ePd	53	12.80	1.2	MEM	84.32	329	Pd	53	27.70	-0.6
		LR		26	00.00					e	53	23.00		OGA	84.67	324	eP	53	30.00	-0.5
BFD	70.42	172	eP	52	10.00	-1.3	MMB	81.07	314	iPd	53	12.00	0.1		1.2s	48.00nm			5.5mb	
YKA	70.85	27	eP	52	14.70	0.9	KRP	81.12	147	P	53	12.60	0.7	BUH	84.73	327	ePd	53	30.30	-0.2
RSNT	70.87	27	P	52	14.20	0.4	REY	81.12	349	iP	53	23.50	11.9X	GWF	84.79	327	iPd	53	30.70	-0.1
MSL	70.88	301	eP	52	11.60	-2.9	SOP	81.33	322	e(P)d	53	14.00	1.0	CTI	84.93	323	eP	53	31.00	-0.6
YKC	70.91	27	ePd	52	14.50	0.4		1.0s	34.10nm			5.3mb		WLF	84.95	328	Pd	53	31.50	0.0
	1.6s	267.00nm			6.0mb		WCN	81.77	48	P	53	16.00	0.3	VPEM	85.01	50	P	53	33.00	0.7
TOO	71.22	169	iPd	52	16.80	0.5	ARN	81.78	51	P	53	16.00	0.4	SAX	85.22	325	eP+	53	32.80	-0.5
UPP	73.19	331	iPd	52	26.20	-1.5	MOX	81.78	326	iPd	53	15.50	0.2	OSS	85.23	324	ePd	53	32.90	-0.3
		iS		01	50.00			1.6s	80.00nm			5.5mb		SLE	85.26	326	ePd	53	32.90	-0.3
PGC	74.32	42	eP	52	36.00	1.6	Z	15s	4.70um			6.0MszX		LCI	85.28	316	eP	53	32.50	-0.8
RTB	74.50	299	ePc	52	35.00	-0.8	N	15s	3.50um					DOU	85.31	329	Pc	53	33.00	-0.3
NB2	74.89	334	P	52	35.80	-1.8	E	15s	1.70um						Z 15s	1.50um			5.5MszX	
	0.7s	66.40nm			5.7mb					e(PP)	56	39.00					S	04	02.00	
GMW	75.29	43	P	52	41.00	0.9				eS	03	24.00		CDF	85.36	327	eP	53	33.20	-0.5
PNT	76.07	40	iPd	52	44.60	0.1	HRY	81.80	39	iPd	53	17.10	1.4		1.0s	45.60nm			5.6mb	
	1.3s	143.00nm			5.8mb		BUT	81.86	40	ePd	53	17.70	1.6	BRT	85.37	317	eP	53	34.00	0.2
LON	76.29	43	P	52	46.50	0.7	KHC	81.87	324	iPd	53	16.10	0.2	DUG	85.45	44	P	53	35.80	1.4
KONO	76.43	334	eP	52	45.30	-0.9		1.0s	36.50nm			5.4mb		ZUL	85.51	326	eP+	53	34.00	-0.5
COR	76.60	45	iPd	52	50.00	2.5	Z	15s	2.10um			5.6MszX		BDW	85.60	41	iPd	53	36.00	0.7
TAU	76.73	169	iPd	52	49.20	1.2	N	16s	1.10um						1.1s	49.41nm			5.6mb	
TLB	76.77	315	eP	52	50.00	1.6	E	15s	1.60um								ePP	53	45.50	30kmX
VRI	76.83	316	eP	52	50.00	1.2				pP	53	29.80	47kmX	LLS	85.66	325	eP+	53	35.00	-0.4
EDM	76.93	34	iPd	52	49.90	0.7				e	55	09.50		VDL	85.70	324	eP+	53	35.30	-0.3
	1.3s	225.00nm			6.0mb		HOF	81.89	326	iPd	53	16.20	0.3	BSF	86.01	327	eP	53	36.00	-1.0
PSN	77.18	314	eP	52	57.00	6.4X		1.0s	87.00nm			5.7mb			1.0s	34.80nm			5.5mb	
ISR	77.35	316	eP	52	55.00	3.3X	VAY	81.93	314	iP	53	15.60	-0.7	HAU	86.08	327	eP	53	36.30	-1.0
BER	77.42	336	iP	52	51.50	-0.2	LRM	82.04	40	iPd	53	18.30	1.2		0.9s	15.70nm			5.2mb	
MAR	77.50	316	eP	52	51.00	-1.6	SLD	82.14	51	P	53	18.50	1.0	ORI	86.35	316	eP	53	38.00	-0.6
GOT	77.98	2	iPd	52	55.00	0.4	JAS1	82.16	50	ePd	53	18.60	1.0	AOU	86.53	320	eP	53	40.50	0.9
	1.0s	128.00nm			5.9mb					i	53	29.30		DMU	86.63	337	eP	53	38.80	-1.0
		i		52	59.00		FRB	82.17	9	iPd	53	17.30	0.3		1.2s	210.00nm			6.2mb	
		i		53	28.00			1.0s	170.00nm			6.0mb		MMK	86.74	325	ePd	53	40.50	-0.3
OP	78.00	330	iPd	52	54.10	-0.8				pP	53	27.00	31kmX	DIX	86.99	325	eP+	53	41.50	-0.6
	0.7s	205.48nm			6.3mb		WET	82.20	325	iPd	53	17.80	0.2	DLE	87.02	337	iPc	53	40.00	-1.7
NEW	78.02	40	iPd	52	55.90	0.5		1.5s	45.00nm			5.3mb			1.1s	160.00nm			6.2mb	
	1.0s	65.00nm			5.6mb		SKO	82.21	315	iP	53	18.00	0.3	RSON	87.11	27	ePd	53	42.30	0.1
ERA	78.10	323	iPd	52	55.70	0.1				i	53	39.00			1.2s	121.38nm			6.0mb	
	0.8s	69.00nm			5.7mb					eS	03	26.00					epP	53	52.80	33kmX
	Z 20s	3.50um			5.7Msz		WIT	82.43	330	ePd	53	19.50	0.9	DCN	87.21	337	eP	53	42.10	-0.5
	N 20s	3.60um								e	53	31.50		EMS	87.23	325	eP+	53	42.20	-0.9
	E 20s	3.60um					SXM	82.50	39	ePd	53	20.50	1.1	RSSD	87.59	37	P	53	45.80	0.9
		i		53	01.10		GRF	82.62	326	iPd	53	20.40	0.7	LOR	87.76	328	eP	53	44.00	-1.4
		eS		02	44.00			1.4s	256.00nm			6.1mb			1.4s	56.60nm			5.6mb	
ELV	78.15	311	iP	52	55.70	-0.5		Z 21s	1.70um			5.4Msz		LBF	87.92	328	eP	53	44.50	-1.7
CMP	78.15	317	ePd	53	09.00	12.9X	BMN	82.67	46	iPd	53	21.00	0.6		1.2s	25.80nm			5.4mb	
FHC	78.25	49	eP	52	58.90	2.1		1.0s	51.25nm			5.5mb		SSF	88.07	328	eP	53	45.70	-1.2
YHM	78.42	39	iP-	52	59.00	1.4	WTS	82.97	330	iPd	53	21.70	0.3		1.0s	24.00nm			5.4mb	
MFW	78.71	42	P	52	59.80	0.7		1.0s	76.00nm			5.7mb		GRC	88.09	328	iPd	53	46.40	-0.5
JOS	78.74	321	iPd	52	59.50	0.3				e	53	33.00		SMF	88.24	327	eP	53	46.70	-1.0
MUD	78.81	332	iPd	52	59.00	-0.4	HPI	83.04	42	P	53	23.50	1.1		0.9s	22.90nm			5.4mb	
	0.7s	80.00nm			5.8mb		PRI	83.04	51	eP	53	23.40	1.1	AVF	88.35	328	eP	53	47.10	-1.1
		i		53	10.00		OHR	83.12	315	eP	53	22.00	-0.5		1.1s	33.00nm			5.5mb	
JMB	78.83	314	eP	53	00.00	0.2				e	53	35.00		LDF	88.45	331	eP	53	47.00	-1.6
LHD	78.86	39	iP-	53	01.60	1.6				eS	03	40.00		FLN	88.46	331	eP	53	48.00	-0.7
LDM	78.87	39	iPc	53	01.70	1.7	BHG	83.17	324	iPd	53	23.10	0.5		1.3s	38.90nm			5.5mb	
AKU	79.06	348	iP	53	02.80	2.2	TTG	83.20	317	eP	53	25.00	2.2	BGF	88.75	328	eP	53	49.30	-0.8
	1.3s	76.92nm			5.5mb		MNA	83.30	48	iPd	53	25.40	1.8		1.0s	12.30nm			5.2mb	
CLX	79.12	39	iPc	53	03.00	1.4				i	53	35.10		GRR	88.91	331	eP	53	49.60	-1.2
WDC	79.29	48	iPd	53	03.70	1.3	KBA	83.37	323	iPd	53	23.50	-0.4		0.9s	22.00nm			5.5mb	
		i		53	14.40			1.0s	38.00nm			5.4mb		MZF	89.13	328	eP	53	51.30	-0.7
PVL	79.29	315	iPc	53	06.00	3.7X				i	53	40.20			0.9s	23.30nm			5.5mb	
MFT	79.35	312	eP	53	03.00	0.2				i	55	03.90		TCF	89.24	328	eP	53	51.50	-1.0
CLO	79.55	317	ePc	53	03.00	-0.7				e	56	35.00			0.8s	14.90nm			5.4mb	

13d 10h

LPF	89.27	331	eP	53	51.50	-1.0
	0.8s	24.80nm			5.6mb	
LSF	89.57	328	eP	53	52.70	-1.3
	0.8s	24.80nm			5.6mb	
PPN	89.78	111	eP	53	58.00	2.7
	1.5s	110.00nm			5.9mb	
GOL	90.01	41	ePd	53	57.80	1.2
	1.6s	79.68nm			5.8mb	
		epP		54	07.80	31kmX
MFF	90.02	330	eP	53	55.40	-0.7
	1.0s	44.00nm			5.7mb	
GLD	90.06	41	P	53	58.20	1.5
RUV	90.09	108	eP	53	55.00	-1.7
	1.5s	70.00nm			5.8mb	
RJF	90.31	328	eP	53	56.80	-0.7
	1.0s	44.00nm			5.7mb	
CAF	90.35	327	eP	53	57.40	-0.3
	1.2s	53.50nm			5.8mb	
LHC	90.78	26	iPd	54	00.70	1.1
	1.1s	246.00nm			6.5mb	
LPO	90.94	328	eP	53	59.80	-0.6
	0.8s	10.70nm			5.3mb	
LFF	90.94	328	eP	54	00.00	-0.4
	0.9s	48.50nm			5.9mb	
SCH	91.00	11	eP	54	01.00	0.5
EPF	92.61	327	eP	54	06.80	-1.4
	1.0s	12.00nm			5.3mb	
ALQ	92.70	45	eP	54	10.00	1.0
	1.0s	37.50nm			5.8mb	
Z	18s	0.43um			4.9Msz	
		e		54	21.00	
NAI	95.48	272	eP	54	23.00	1.0
	1.0s	30.00nm			5.7mb	
OCO	97.33	39	e(P)	54	31.60	1.8
TUL	97.91	38	eP	54	33.80	1.4
	1.3s	40.00nm			5.8mb	
Z	19s	1.06um			5.4Msz	
RLO	98.10	37	eP	54	34.20	0.9
		e		54	44.70	
LTX	98.31	47	ePd	54	35.80	1.3
	1.2s	18.84nm			5.5mb	
		epP		54	46.00	32kmX
BHO	99.57	38	e(P)	54	41.00	1.0
JCT	99.80	44	eP	54	42.00	0.8
	1.1s	13.92nm			5.4mb	
Z	20s	0.53um			5.0Msz	
BUL	112.03	260	iPKPc	59	22.40	-10.3X
	1.0s	8.50nm				
SPA	122.80	180	iPKPd	59	51.90	0.1
	1.2s	37.32nm				
KIC	123.63	306	ePKP	59	53.60	-1.3
		e		00	04.10	
BOG	134.91	39	ePKP	00	17.00	0.1
PSO	135.88	46	ePKP	00	20.00	1.2
ITR	154.49	339	ePKP	00	48.30	-0.8
	1.5s	12.40nm				
		e		00	56.90	
		e		01	02.70	
		e		01	04.60	
		e		01	11.10	
		e		03	32.60	
LPB	155.21	54	PKP	00	51.30	0.9
		LR		56	10.00	
SOB1	155.58	344	ePKP	00	50.90	0.4
		e		01	00.10	
CCH	157.12	52	PKP	00	54.70	1.9
		i		01	24.50	
YJA	160.77	61	ePKPd	00	59.00	2.1
SLA	162.23	67	ePKPc	00	59.00	1.0
BAO	162.73	2	e(PKP)	00	56.20	-2.4
TCA	165.42	88	ePKPd	01	01.80	1.1
S.D. = 1.1 on 307 of 329 obs.						

? MAY 13, 1985 10h 44m 28.83± 1.21s
60.314 N ± 7.1km 5.021 E ±14.8km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.4 (BER).

ASK	0.19	27	iPg	44	32.50	-0.5
			iSg	44	36.00	
SUE	0.76	350	ePn	44	44.00	0.4
			iPg	44	45.50	
			eSn	44	55.00	
			iSg	44	57.50	
ODD	0.90	113	ePg	44	46.50	0.4
			eSg	44	57.50	
KMY	1.11	174	iPg	44	49.40	-0.3
			iSg	45	05.00	
S.D. = 0.8 on 4 of 4 obs.						

? MAY 13, 1985 10h 55m 04.08± 4.26s
66.381 N ±43.2km 149.863 W ±20.1km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.4 (PMR).

IMA	1.58	260	iPd	55	32.40	0.1
FBA	1.72	149	iPd	55	33.40	-0.8
TTA	4.36	220	e(P)	56	11.60	-0.3
TOA	4.58	158	eP	56	16.00	0.9
PME	4.79	175	e(P)	56	19.50	1.6X
S.D. = 1.2 on 4 of 5 obs.						

MAY 13, 1985 10h 59m 18.91± 0.40s
51.390 N ± 8.1km 175.703 E ± 4.7km
DEPTH = 33.0km (normal)
4.8mb (22 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS (6)

SMY	1.67	324	eP	59	45.00	-1.2
ADK	4.77	81	ePc	00	30.80	0.6
SVW	18.51	47	eP	03	35.00	0.8
TTA	19.01	42	e(P)	03	40.10	-0.2
KDC	19.37	58	e(P)	03	42.20	-2.2X
IMA	21.33	35	ePd	04	04.70	-0.2
	1.1s	10.90nm			4.2mb	
PME	21.71	48	e(P)	04	07.10	-1.5
COL	23.11	40	eP	04	22.00	-0.4
FBA	23.11	40	e(P)	04	22.20	-0.2
TOA	23.13	48	eP	04	23.00	0.3
BRW	23.53	22	eP	04	26.20	-0.1
INK	29.45	36	eP	05	19.00	-2.3
MBC	34.89	22	eP	06	08.00	-0.7
YKA	37.70	45	eP	06	33.00	0.5
YKC	37.76	45	eP	06	33.00	0.0
EDM	41.78	59	ePd	07	06.50	0.1
NEW	42.08	67	eP	07	09.00	0.0
BMN	46.39	76	eP	07	44.30	0.4
FFC	46.89	52	eP	07	47.00	-0.4
	1.2s	7.00nm			4.5mb	
EUR	47.73	76	iP	07	55.20	0.6
	0.2s	8.37nm			5.4mb	
BDW	49.54	69	eP	08	07.50	-1.0
	1.0s	4.00nm			4.4mb	
RSON	53.22	52	ePd	08	35.30	-0.6
	0.8s	28.17nm			5.3mb	
ALQ	56.44	75	eP	09	00.00	0.2
	1.3s	8.17nm			4.6mb	
KMI	60.30	274	eP	09	25.50	-1.3
LTX	62.04	77	ePd	09	39.80	1.4
TUL	62.07	67	eP	09	37.00	-1.5
	1.2s	11.70nm			4.9mb	
SCH	62.09	36	eP	09	37.00	-1.4
RLO	62.33	66	eP	09	36.70	-3.5X
JCT	63.56	74	eP	09	48.00	-0.4
	1.0s	10.50nm			4.9mb	
BHO	63.69	67	eP	09	49.30	0.2
SUF	63.72	345	iP	09	47.90	-1.0
NUR	66.05	345	iP	09	53.20	-10.7X
	0.7s	12.00nm				
NB2	67.23	352	P	10	09.80	-1.8
	1.0s	7.60nm			4.7mb	
KKN	69.06	288	eP	10	23.50	-0.2
	0.6s	14.00nm			5.2mb	
PKI	69.15	288	eP	10	24.00	-0.3
	0.7s	11.00nm			5.0mb	
EKA	73.64	359	P	10	51.00	0.7
	0.9s	6.80nm			4.6mb	
MEM	78.03	353	P	11	16.20	1.2
JOS	78.25	343	eP	11	17.00	0.6
KHC	78.70	348	iPd	11	20.20	1.2
ZST	79.11	346	e(P)	11	23.10	1.9
W82	79.73	219	eP	11	23.50	-1.3
WRA	79.74	219	Pc	11	24.80	0.0
	0.6s	2.60nm			4.4mb	
CDF	80.08	352	eP	11	26.30	-0.2
FLN	80.17	357	eP	11	27.80	0.9
	1.1s	16.60nm			4.9mb	
LDF	80.33	357	eP	11	28.70	1.0
	1.2s	11.90nm			4.8mb	
GRR	80.56	358	eP	11	29.10	0.2
	1.1s	15.90nm			4.9mb	
KBA	80.75	348	iPd	11	31.70	1.5
	1.0s	26.10nm			5.2mb	
		i		11	45.40	
LPF	80.92	358	eP	11	31.10	0.3
HYB	80.94	286	eP	11	31.00	-0.5
BRS	81.00	201	eP	11	13.00	-18.4X
LOR	81.47	354	eP	11	33.70	-0.1
GRC	81.49	355	iPd	11	34.90	1.1
SSF	81.70	355	eP	11	34.90	0.0
LBF	81.75	354	eP	11	34.90	-0.3
CTI	81.97	349	e(P)	11	37.00	0.5
AVF	81.98	355	eP	11	36.60	0.2
	1.1s	7.60nm			4.6mb	
SMF	82.09	354	eP	11	37.20	0.2
	1.1s	7.30nm			4.6mb	
BGF	82.24	355	eP	11	38.20	0.4
	1.2s	17.10nm			5.0mb	
MFF	82.32	357	eP	11	38.70	0.5
	1.1s	9.70nm			4.8mb	
TCF	82.54	355	eP	11	39.50	0.1
LSF	82.61	356	eP	11	40.00	0.3
	1.3s	18.00nm			5.0mb	
MLS	85.92	356	eP	11	57.70	1.2
S.D. = 0.9 on 58 of 62 obs.						

MAY 13, 1985 11h 31m 10.95± 1.30s
0.335 S ± 7.3km 124.492 E ± 8.8km
DEPTH = 71.4 ± 13.4 km
4.9mb (7 obs.)
MOLUCCA SEA (269)

AAI	4.98	132	eP	32	24.00	-0.9
MKS	6.98	226	iPd	32	54.00	1.3
			e	37	19.00	
DAV	7.45	8	eP	33	00.00	0.8
PPR	11.57	330	eP	33	37.00	-18.3X
MTN	14.07	152	eP	34	28.00	-0.2
	0.5s	29.00nm			4.9mb	
KNA	15.89	165	eP	34	52.00	0.3
KGM	21.30	276	eP	36	07.00	13.3X
WRA	21.74	154	Pd	35	57.60	-0.6
	0.7s	9.00nm			4.3mb	
WB2	21.75	154	eP	35	55.70	-2.5
			i	35	58.20	
IPM	23.95	282	ePc	36	20.50	0.8
PPI	24.09	270	eP	36	21.50	0.4
ASPA	24.93	159	eP	36	31.00	1.9
MEK	26.75	192	eP	36	56.00	10.1X
MAT	38.84	18	eP	38	29.00	-1.8
BJI	40.89	350	eP	38	46.50	-1.1
CAN	41.63	149	eP	39	03.00	9.1X
PKI	46.65	310	eP	39	33.60	-1.1
	0.6s	9.00nm			4.9mb	
KKN	46.86	310	eP	39	35.00	-1.3
	0.6s	14.00nm			5.1mb	
DMN	46.91	310	eP	39	36.00	-0.7
	0.7s	11.00nm			4.9mb	
HYB	48.53	294	eP	39	45.50	-3.7X
			e	40	04.00	
GBA	48.62	288	Pc	39	49.50	-0.3
IR2	76.90	307	eP	42	56.00	-1.6
AVY	77.37	251	eP	43	00.40	-0.1
SBA	80.65	172	e(P)	43	17.20	0.2
SVW	85.40	29	e(P)	43	43.30	1.7
TTA	85.51	27	eP	43	43.40	1.2
BRW	86.71	18	eP	43	49.70	1.9
IMA	86.98	24	eP	43	50.50	1.1
	0.6s	3.70nm			4.7mb	
NAI	87.68	269	eP	43	58.00	4.1X
	1.0s	40.00nm			5.5mb	
PWA	88.21	28	eP	43	54.90	-0.2
TOA	89.98	28	eP	44	04.80	1.2
INK	94.75	21	eP	44	25.00	-0.4
YJA	155.60	157	e(PKP)	51	02.00	3.0X
S.D. = 1.3 on 26 of 33 obs.						

? MAY 13, 1985 11h 36m 26.02± 1.74s
31.667 S ±10.9km 177.921 W ±26.6km
DEPTH = 33.0km (normal)
5.3mb (2 obs.)
KERMADEC ISLANDS REGION (177)

GNZ	7.71	204	eP	38	18.00	-0.8
			S	39	58.20	
KRP	8.24	219	eP	38	26.00	-0.1
CRZ	8.36	248	P	38	31.80	4.0X
			(S)	40	03.00	
MNG	10.40	209	P	38	57.00	1.1

		S	40 46.00		
TCW	11.41	211 eP	39 05.50	-4.1X	
		S	41 07.00		
CTAO	34.09	281 eP	43 10.80	1.1	
	0.8s	22.57nm		5.2mb	
ASPA	43.12	268 iPc	44 25.30	0.1	
WB2	44.21	273 iPc	44 33.20	-0.8	
WRA	44.22	273 Pc	44 33.40	-0.7	
	0.6s	39.20nm		5.4mb	
SPA	58.51	180 e(P)	46 27.70	6.4X	
BUL	122.54	210 iPKP	55 23.00	2.7X	
	0.7s	3.42nm			
MTD	124.13	215 ePKP	55 26.00	2.6X	
SUF	145.33	341 iPKP	56 01.30	0.1	
	0.5s	6.90nm			
NUR	147.52	339 iPKP	56 09.70	4.9X	
	0.8s	11.70nm			
BNG	148.81	213 iPKPc	56 14.60	6.2X	
	0.9s	17.30nm			
NB2	150.01	351 PKP	56 14.60	5.8X	
	0.7s	2.30nm			
S.D. = 0.9 on 8 of 16 obs.					

• MAY 13, 1985 12h 15m 46.24± 1.00s
40.038 N ± 9.0km 27.282 E ± 7.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KGT	0.41	2 iPg	15 53.60	-1.1	
		iSg	15 58.20		
EDC	0.54	55 ePn	15 58.00	0.8	
EZN	0.77	254 ePn	16 01.30	0.1	
DST	1.12	112 iPn	16 06.80	-0.5	
MLR	5.54	350 iPc	17 11.50	0.7	
S.D. = 1.1 on 5 of 5 obs.					

• MAY 13, 1985 13h 04m 12.80± 1.07s
17.029 S ± 9.8km 167.672 E ±13.5km
DEPTH = 33.0km (normal)
VANUATU ISLANDS (186)

PVC	0.93	139 iPc	04 29.50	-0.1	
		iS	04 43.00		
KOU	4.76	222 iPd	05 24.30	0.2	
		iS	06 21.40		
NOU	5.38	192 iPd	05 33.20	0.4	
		iS	06 31.00		
HNR	10 65	314 P	06 46.00	-0.3	
VSG	10.94	314 P	06 51.00	0.7	
ASPA	32.29	253 eP	10 40.00	-1.0	
S.D. = 0.8 on 6 of 6 obs.					

MAY 13, 1985 14h 26m 09.71± 0.77s
42.077 N ±10.2km 24.461 E ± 6.8km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

SLD	0.18	81 iPgc	26 13.00	-0.8	
		Sg	26 17.00		
MMB	0.73	229 iPgc	26 23.00	-1.1	
		Sg	26 32.00		
KDZ	0.79	123 iP	26 26.00	0.8	
OTM	0.84	92 eP	26 34.00	8.1X	
VTS	1.07	300 iPg	26 23.00	-6.8X	
		iSg	26 44.00		
PVL	1.19	26 eP	26 32.00	0.1	
VAY	1.60	243 ePn	26 38.30	0.1	
OHR	2.91	252 ePn	26 57.80	0.8	
S.D. = 1.1 on 6 of 8 obs.					

& MAY 13, 1985 14h 51m 05.00s
37.312 N 121.702 W
DEPTH = 6.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.8 (BRK).

MHC	0.06	58 iPc	51 06.60	-0.2	
ARN	0.14	75 P	51 07.50	-0.5	
GCC	0.37	220 iPd	51 12.40	0.0	
SLD	0.45	121 P	51 13.20	-0.9	
PCC	0.57	289 iPc	51 15.80	-0.7	
		eS	51 26.40		
SAO	0.58	159 iPd	51 16.60	-0.1	
BKS	0.70	323 iP	51 18.90	-0.2	
		iS	51 29.00		
BRK	0.71	322 iPc	51 19.20	-0.1	
		eS	51 30.30		
ZSP	0.77	325 iPc	51 19.80	-0.5	
LLA	0.92	139 eP	51 21.80	-1.2	
PRS	1.01	165 ePc	51 23.70	-0.9	
JAS1	1.19	59 eP	51 26.00	-1.6	
		iS	51 41.40		
FRI	1.62	101 eP	51 32.50	-1.7	
PHAM	1.81	144 P	51 40.00	3.1	
VPEM	3.41	112 P	52 00.00	0.1	
BMN	4.68	47 P	52 30.00	12.0	
16 obs. associated					

• MAY 13, 1985 14h 54m 55.60± 0.82s
7.929 N ±10.7km 103.639 W ±12.2km
DEPTH = 10.0km (geophysicist)
4.5mb (9 obs.) 3.9Msz (2 obs.)
OFF COAST OF MEXICO (63)

PBJ	11.67	43 iP	57 39.50	-5.7X	
TPM	11.85	22 ePc	57 48.50	0.6	
OXM	11.93	18 iPc	57 49.50	0.3	
LTX	21.29	360 eP	59 44.50	-0.3	
	0.9s	10.77nm		4.2mb	
JCT	22.72	9 eP	00 00.00	1.0	
	1.0s	27.50nm		4.7mb	
ALQ	27.01	355 eP	00 39.00	-0.9	
	1.0s	5.00nm		4.2mb	
BHO	27.54	16 iP	00 44.50	0.0	
TUL	28.76	13 eP	00 55.40	-0.1	
	1.1s	24.70nm		4.9mb	
Z	22s	0.30um		3.9Msz	
RLO	29.19	14 eP	00 58.50	-0.9	
FVM	32.22	20 eP	01 25.80	-0.4	
PRM	32.59	34 eP	01 30.00	0.5	
MNA	33.08	339 P	01 35.40	1.6	
EUR	33.31	342 iP	01 37.20	1.2	
	0.5s	3.46nm		4.5mb	
BMN	34.56	342 eP	01 47.00	0.3	
	1.0s	3.25nm		4.2mb	
BDW	35.10	352 ePd	01 51.30	-0.1	
	1.0s	10.00nm		4.6mb	
LRM	38.51	350 eP	02 21.10	1.0	
NEW	41.79	346 P	02 46.50	-0.4	
LPB	42.75	125 eP	02 56.00	0.4	
Z	20s	0.18um		4.0Msz	
		LR	20 05.00		
RSON	43.58	9 eP	03 00.80	-0.6	
	1.0s	10.00nm		4.6mb	
EDM	45.85	352 iPc	03 19.60	0.0	
FFC	46.68	1 eP	03 25.00	-1.1	
	2.0s	36.00nm		5.1mb	
YKC	55.02	354 eP	04 28.00	-1.3	
YKA	55.05	354 eP	04 29.10	-0.4	
INK	63.46	348 eP	05 27.00	-0.6	
COL	64.72	341 eP	05 36.00	0.1	
MBC	68.82	356 eP	06 02.00	0.3	
S.D. = 0.8 on 25 of 26 obs.					

• MAY 13, 1985 15h 07m 57.80± 1.10s
7.705 N ±13.0km 103.670 W ±19.9km
DEPTH = 10.0km (geophysicist)
4.3mb (6 obs.) 3.9Msz (1 obs.)
OFF COAST OF MEXICO (63)

TPM	12.07	21 iPc	10 54.00	0.9	
LTX	21.52	0 eP	12 48.80	-0.5	
	1.0s	8.00nm		4.1mb	
JCT	22.95	9 eP	13 04.00	0.6	
	1.0s	10.00nm		4.3mb	
ALQ	27.23	355 e(P)	13 43.50	-0.6	
BHO	27.76	16 eP	13 48.60	-0.1	
	0.9s	4.70nm		4.3mb	
TUL	28.98	13 eP	13 58.50	-1.3	
	1.0s	10.40nm		4.6mb	
Z	22s	0.30um		3.9Msz	
RLO	29.41	14 eP	14 03.20	-0.4	
BMN	34.76	342 eP	14 50.80	0.2	
	1.1s	3.90nm		4.2mb	
BDW	35.31	352 eP	14 55.50	0.1	
	1.0s	6.60nm		4.5mb	
LRM	38.73	350 eP	15 24.90	0.8	
LPB	42.64	125 eP	15 57.00	0.1	
		LR	30 05.00		
RSON	43.81	9 e(P)	16 05.00	-0.4	
CCH	44.68	124 P	16 23.00	9.7X	
YKA	55.27	354 eP	17 39.30	6.0X	
MBC	69.04	356 eP	19 06.00	0.7	
KHC	101.40	37 ePdiff	22 00.50	9.6X	
S.D. = 0.7 on 13 of 16 obs.					

? MAY 13, 1985 15h 17m 40.99± 1.65s
35.419 N ±18.9km 26.449 E ±11.4km
DEPTH = 33.0km (normal)
CRETE (370)

NPS	0.70	257 ePb	17 54.50	0.1	
		eSg	18 10.00		
YER	2.26	40 iPn	18 18.60	1.7	
ELL	3.10	64 iPn	18 27.90	-1.0	
ATH	3.36	320 ePg	18 54.50	22.0X	
PRK	3.82	358 ePg	19 04.00	25.1X	
EZN	4.40	359 ePn	18 46.00	-1.2	
KZN	6.12	324 ePn	19 12.00	0.4	
VAY	6.63	334 ePn	19 26.00	7.4X	
OHR	7.21	324 ePn	19 42.00	15.2X	
S.D. = 1.6 on 5 of 9 obs.					

• MAY 13, 1985 15h 18m 01.29± 0.93s
35.300 N ± 9.0km 27.482 E ±10.0km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
DODECANESE ISLANDS (369)
ML 4.4 (ATH).

NPS	1.53	269 ePb	18 27.00	0.4	
		eSb	18 46.00		
YER	1.94	19 iPn	18 34.50	1.9	
ELL	2.44	53 ePn	18 44.10	4.3X	
IZM	3.10	357 iPn	18 48.00	-1.0	
BCK	3.31	48 ePn	18 53.00	1.0	
ATH	4.03	312 ePg	19 21.00	18.7X	
PRK	4.05	347 ePg	19 24.00	21.4X	
		eSb	20 08.50		
DST	4.39	12 ePn	19 05.00	-2.4	
EDC	5.05	3 iPn	19 15.70	-1.0	
HRI	7.13	104 eP	19 46.00	0.0	
JER	7.34	116 eP	19 48.00	-0.9	
		eS	21 11.00		
PRNI	8.02	126 eP	19 57.50	-1.0	
MLR	10.25	354 eP	20 30.00	0.8	
KKN	49.23	82 eP	26 50.10	1.2	
	0.6s	5.00nm		4.7mb	
PKI	49.43	82 eP	26 51.70	1.2	
	0.8s	4.00nm		4.5mb	
S.D. = 1.4 on 12 of 15 obs.					

• MAY 13, 1985 15h 22m 21.38± 1.36s
35.229 N ±15.5km 27.382 E ±10.1km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
DODECANESE ISLANDS (369)
ML 4.4 (ATH).

NPS	1.45	272 iPnc	22 46.00	0.5	
		eSb	23 06.00		
YER	2.04	21 iPn	22 54.20	0.1	
ELL	2.55	53 iPn	23 03.50	2.1	
IZM	3.16	358 iPn	23 09.00	-1.0	
BCK	3.42	48 ePn	23 15.00	1.3	
ATH	4.02	314 ePb	23 30.00	7.8X	
		ePg	23 40.00		
PRK	4.11	348 ePg	23 42.50	19.1X	
DST	4.48	12 iPn	23 26.80	-2.0	
EZN	4.66	350 ePn	23 20.00	-11.3X	
OHR	7.83	321 eP	24 17.00	1.1	
KKN	49.32	82 eP	31 09.00	-0.7	
	0.6s	4.00nm		4.6mb	
PKI	49.52	82 eP	31 09.90	-1.4	
S.D. = 1.6 on 9 of 12 obs.					

? MAY 13, 1985 15h 37m 33.74± 1.36s
39.576 N ±13.7km 28.599 E ± 9.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.04	37 iPg	37 34.80	-1.1	
		iSg	37 35.80		
EDC	0.96	324 ePg	37 53.70	1.8	
		iSg	38 02.20		
YLV	1.15	31 iPn	37 54.50	-0.9	
ALT	1.28	113 ePn	37 58.30	0.7	
IZM	1.57	222 ePn	38 24.00	22.2X	
EZN	1.77	279 ePn	38 03.30	-1.3	
S.D. = 1.9 on 5 of 6 obs.					

13d 15h

? MAY 13, 1985 15h 59m 51.84± 1.03s
60.319 N ± 7.6km 5.192 E ±15.3km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.5 (BER).

ASK	0.16	0	iPg	59	55.00	-0.6
			iSg	59	59.50	
SUE	0.77	344	iPn	00	07.40	0.6
			iPg	00	09.00	
			iSn	00	18.60	
			iSg	00	21.20	
ODD	0.83	116	iPg	00	08.00	0.2
			eSg	00	19.50	
			eSn	00	22.90	
KMY	1.11	179	iPg+	00	12.50	-0.2
			eSg	00	26.50	

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

? MAY 13, 1985 16h 11m 05.48± 2.04s
17.243 S ±102.km 177.100 W ±50.5km
DEPTH = 430.1 ± 12.1 km
FIJI ISLANDS REGION (181)

VUN	4.30	259	ePd	12	23.00	0.2
			eS	13	27.50	
AFI	6.11	58	P	12	41.00	-0.2
			S	14	01.00	
W82	45.97	259	eP	18	48.20	-1.8
WRA	45.98	259	P	18	51.00	0.9
	0.5s		1.20nm			3.5mb
ASPA	46.18	254	eP	18	52.00	0.4
WBN	52.74	250	eP	19	41.00	0.2
YKA	93.21	24	eP	23	33.30	0.3
FLN	148.44	4	ePKP	30	03.80	4.4X
CDF	148.71	354	ePKP	30	04.70	4.8X
GRR	148.79	5	ePKP	30	04.90	5.0X
LPF	149.13	5	ePKP	30	05.80	5.4X
BSF	149.33	355	ePKP	30	06.10	5.2X
LOR	150.05	359	ePKP	30	08.00	6.1X
SSF	150.26	359	ePKP	30	08.70	6.5X
LBF	150.33	359	ePKP	30	08.60	6.2X
AVF	150.53	359	ePKP	30	08.40	5.8X
SMF	150.67	359	ePKP	30	08.60	5.8X
BGF	150.77	0	ePKP	30	09.90	6.9X
TCF	151.03	1	ePKP	30	10.30	6.9X
LSF	151.05	2	ePKP	30	10.20	6.8X
OHR	151.66	331	ePKP	30	11.30	6.8X
RJF	152.00	2	ePKP	30	12.70	7.9X
LFF	152.33	3	ePKP	30	14.40	9.1X
CAF	152.39	1	ePKP	30	13.70	8.3X
LPO	152.61	3	ePKP	30	14.20	8.5X

S.D. = 1.2 on 7 of 25 obs.

? MAY 13, 1985 16h 17m 13.05± 1.38s
60.712 N ±10.2km 5.544 E ±12.6km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.8 (BER).

ASK	0.29	217	iPg	17	18.70	-0.3
			iSg	17	22.80	
SUE	0.52	312	iPn	17	23.50	0.0
			iSg	17	30.70	
ODD	0.95	143	ePn	17	30.80	-0.3
			eSn	17	43.90	
KMY	1.51	186	ePn	17	40.80	0.7
			eSn	18	00.30	

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

% MAY 13, 1985 17h 54m 33.86± 1.16s
36.975 N ±12.9km 29.439 E ± 8.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ELL	0.44	121	iPg	54	42.90	0.0
YER	0.94	280	iPn	54	52.30	0.5
BCK	1.04	62	iPn	54	52.80	-0.7
ALT	2.14	14	ePn	55	12.40	2.2
IZM	2.24	310	iPn	55	11.00	-0.5
DST	2.70	347	ePn	55	16.70	-1.5
YLV	3.59	359	iPn	55	41.40	10.7X

S.D. = 1.6 on 6 of 7 obs.

? MAY 13, 1985 18h 22m 10.81± 5.19s
7.916 N ±69.1km 104.025 W ±105.km
DEPTH = 10.0km (geophysicist)
4.0mb (2 obs.)
OFF COAST OF MEXICO (63)

LTX	21.31	1	e(P)	26	59.80	-0.4
JCT	22.79	9	eP	27	15.00	0.1
	1.0s		5.50nm			4.0mb
BMN	34.45	342	e(P)	29	13.80	12.8X
BDW	35.06	353	eP	29	06.80	0.5
	0.7s		1.29nm			3.9mb
YKA	55.02	354	eP	31	51.30	6.8X
INK	63.40	348	eP	32	42.00	-0.4
MBC	68.81	356	eP	33	17.00	0.1

S.D. = 0.6 on 5 of 7 obs.

? MAY 13, 1985 18h 27m 22.39± 4.49s
7.800 N ±60.1km 103.575 W ±93.8km
DEPTH = 10.0km (geophysicist)
4.2mb (2 obs.)
OFF COAST OF MEXICO (63)

LTX	21.42	360	eP	32	13.50	0.6
	1.0s		9.00nm			4.1mb
ALQ	27.14	355	eP	33	11.80	3.8X
BMN	34.70	342	e(P)	34	15.30	0.6
BDW	35.23	352	e(P)	34	17.30	-2.0
	1.2s		5.80nm			4.3mb
LRM	38.65	350	eP	34	48.90	0.8
SES	42.91	353	eP	35	23.00	0.1
EDM	45.98	352	eP	35	47.00	-0.5
YKA	55.18	354	eP	36	57.20	-0.1
INK	63.60	348	eP	37	55.00	-0.3
MBC	68.95	356	eP	38	30.00	0.7

S.D. = 1.0 on 9 of 10 obs.

MAY 13, 1985 20h 28m 20.12± 1.10s
38.098 N ±10.1km 15.722 E ± 6.9km
DEPTH = 10.0km (geophysicist)
SICILY (398)
Felt at Messina, Reggio di
Calabria and Villa San Giovanni.

GIB	1.35	266	ePg	28	45.70	0.6
			eSg	29	06.50	
ORI	2.03	16	ePn	28	55.50	0.8
			eSn	29	26.00	
SGO	2.48	353	ePn	29	00.00	-1.1
			eSn	29	26.00	
LCI	2.83	37	ePn	29	07.50	1.4
			eSn	29	38.50	
BRT	3.00	22	ePn	29	08.00	-0.6
DUI	3.69	345	e(Pn)	29	22.00	3.7X
VLS	3.84	87	eP	29	21.50	1.0
HCY	4.84	25	ePn	29	33.00	-1.6
			eSn	30	25.00	
MNS	4.87	332	e(Pn)	29	39.00	3.8X
OHR	4.94	51	ePn	29	37.30	1.1
TTG	5.10	31	ePn	29	38.50	0.1
			eSn	30	33.00	
KZN	5.19	63	eP	29	42.00	2.2
BRY	5.26	23	ePn	29	40.50	-0.2
			eSn	30	37.00	
NKY	5.33	27	ePn	29	41.50	-0.3
			eSn	30	40.00	
PVY	5.54	35	ePn	29	45.30	0.5
			e(Sn)	30	47.00	
IVA	5.73	32	ePn	29	48.50	1.1
			eSn	30	52.30	
PLE	5.92	27	ePn	29	49.50	-0.6
			eSn	30	45.00	
VAY	6.18	56	iPn	29	53.70	0.1
ATH	6.31	89	eP	29	52.50	-3.0
MMB	7.08	58	iPc	30	06.00	-0.3
VTS	7.27	49	iP	30	09.00	0.1
VOY	8.04	351	e(P)	30	19.20	-0.6
KDZ	8.21	61	iP	30	21.00	-1.1
PVL	8.78	52	iPc	30	30.00	0.1
MLR	10.61	43	eP	30	58.00	2.6X
KHC	11.14	353	eP	31	02.50	0.1

S.D. = 1.2 on 23 of 26 obs.

MAY 13, 1985 20h 59m 12.06± 0.63s
6.787 N ± 7.3km 73.046 W ± 9.5km
DEPTH = 131.3 ± 9.6 km
3.4mb (1 obs.)
NORTHERN COLOMBIA (99)

BMG	0.28	354	iP	59	32.50	0.6
BOG	2.38	205	iP	59	52.50	0.9
			iS	00	23.00	
UAV	2.61	46	iPnc	59	54.80	0.3
	0.3s		172.10nm			
SDV	3.17	49	iPnd	00	01.70	-0.1
	0.2s		131.50nm			
TOV	4.39	47	iPnd	00	16.80	-1.2
	0.5s		53.80nm			
PSO	7.01	218	eP	00	52.50	-1.4
PCJ	11.61	340	iP	01	54.33	-0.5
			eS	03	54.40	
HOJ	11.72	342	eP	01	56.72	0.4
GWJ	11.78	343	eP	01	57.75	0.5
STH	11.81	342	eP	01	57.52	0.0
			eS	03	58.50	
BBJ	12.24	341	iP	02	02.58	-0.6
			iS	04	06.40	
YKA	63.32	340	eP	09	23.20	-5.7X
NB2	81.32	29	P	11	16.00	1.1
	0.5s		0.40nm			3.4mb

S.D. = 0.9 on 12 of 13 obs.

& MAY 13, 1985 21h 07m 50.89s
58.778 N 154.700 W
DEPTH = 133.2km
ALASKA PENINSULA (12)
<AGS-P>.

CDD	0.57	74	iPd	08	10.00	-1.0
AUL	0.89	47	iPd	08	13.40	0.0
OPT	1.16	40	eP	08	15.60	-0.3
KDC	1.56	131	iP	08	18.74	-1.4
			eS	08	41.26	
ILM	1.71	34	iP	08	21.21	-0.7
			iS	08	44.75	
RED	1.92	30	iPc	08	23.80	-0.7
CNPM	1.94	66	eP	08	24.00	-0.7
RDT	2.14	32	eP	08	26.47	-0.9
			eS	08	53.51	
BRLK	2.19	62	eP	08	26.73	-1.2
			iS	08	52.42	
SVW	2.38	349	iP	08	29.04	-1.3
NKA	2.64	40	eP	08	35.07	1.6
SPU	2.75	28	iP	08	34.02	-1.0
CRP	2.80	26	eP	08	31.07	-4.8
SLKM	2.86	51	eP	08	35.04	-1.4
CGLM	2.88	27	iP	08	35.84	-0.8
SEW	2.99	61	eP	08	36.72	-1.4
MPA	3.21	55	eP	08	40.11	-0.8
SUA	3.34	35	eP	08	41.56	-1.3
PTE	3.55	51	eP	08	44.03	-1.4
PMS	3.57	44	eP	08	44.29	-1.6
			eS	09	23.64	
SKT	3.58	25	eP	08	44.67	-1.2
PWA	3.75	38	eP	08	46.26	-1.9
PLRM	3.96	42	eP	08	48.55	-2.4
PME	4.02	42	eP	08	48.98	-2.8
KNK	4.09	47	eP	08	50.24	-2.5
GHO	4.16	41	eP	08	50.72	-3.0
MSE	4.19	40	eP	08	51.12	-3.0
TTA	4.22	352	eP	08	52.96	-1.5
CFI	4.24	52	eP	08	52.35	-2.3
GLI	4.38	58	eP	08	54.59	-2.0
SML	4.39	43	eP	08	53.90	-2.9
HIN	4.47	65	eP	08	56.75	-1.1
FID	4.60	61	eP	08	56.94	-2.7
VZW	4.69	57	eP	08	58.72	-2.2
SCM	4.78	47	eP	08	59.49	-2.5
VLZ	4.82	57	eP	09	00.97	-1.5
SGAM	5.12	66	eP	09	04.89	-1.6
KLU	5.16	54	eP	09	04.96	-2.3
TOA	5.38	48	eP	09	08.23	-1.9
KMP	5.56	56	eP	09	10.78	-1.8
BALM	6.61	65	eP	09	25.24	-1.8
YAH	6.77	71	eP	09	28.11	-1.1
COL	6.95	25	eP	09	28.00	-3.5
	0.5s		17.61nm			4.8mb X
YKA	19.77	62	eP	12	11.60	-0.7
	44 obs. associated					

& MAY 13, 1985 21h 23m 13.70s
31.930 N 115.860 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.3 (PAS).

IKP	0.75	344	ePc	23	27.60	-1.0

BAR	1.02	318	eP	23 32.20	-1.1
GLA	1.42	38	e(P)	23 37.30	-2.8
	3 obs. associated				
& MAY 13, 1985 21h 24m 00.40s					
35.790 N			117.730 W		
DEPTH = 6.0km (geophysicist)					
CENTRAL CALIFORNIA					(39)
<PAS-P>. ML 3.4 (PAS).					
CLC	0.11	76	iPc	24 02.90	0.0
VPEM	0.17	336	P	24 04.00	-0.1
WKTM	0.58	271	P	24 11.20	-0.8
CWC	0.71	337	iPd	24 13.40	-1.1
			eS	24 22.20	
QSM	0.72	76	P	24 13.90	-0.9
PGE	0.77	44	P	24 15.30	-0.7
GWV	0.95	65	P	24 18.00	-0.9
SBB	1.10	184	iPc	24 20.40	-1.1
SDW	1.29	155	P	24 23.60	-1.2
TIN	1.32	342	eP	24 24.90	-0.4
			eS	24 44.20	
FRI	2.00	307	P	24 35.30	0.3
PHAM	2.17	272	P	24 37.80	0.2
MNA	2.66	353	P	24 47.00	2.3
JAS1	3.03	315	P	24 53.00	3.2
EUR	3.94	20	iP	25 14.10	11.1
	15 obs. associated				
? MAY 13, 1985 21h 43m 38.69± 2.44s					
17.515 N ±37.8km			62.619 W ±25.4km		
DEPTH = 33.0km (normal)					
LEEWARD ISLANDS					(92)
SEG	1.54	136	iP	44 03.80	-0.3
			S	44 16.00	
PAG	1.73	149	eP	44 06.85	-0.1
			S	44 22.00	
MGG	2.02	142	eP	44 11.70	0.6
MDN	2.48	152	eP	44 20.00	2.3X
FDF	3.11	153	eP	44 26.92	0.4
			S	45 04.90	
CRM	3.20	149	eP	44 27.51	-0.3
BIM	3.33	153	eP	44 29.60	-0.2
MVM	3.38	150	eP	44 30.41	0.0
SJG	3.42	281	eP	44 31.00	0.0
YKA	57.47	334	eP	53 40.60	14.0X
S.D = 0.4 on 8 of 10 obs.					
? MAY 13, 1985 21h 54m 52.48± 3.24s					
35 824 N ±28.4km			27.358 E ±12.1km		
DEPTH = 33.0km (normal)					
DODECANESE ISLANDS					(369)
YER	1.51	29	iPn	55 18.00	0.5
LL	2.26	65	iPn	55 28.20	-0.2
ZM	2.57	358	ePn	55 32.50	-0.2
CK	3.07	57	ePn	55 40.10	0.2
ALT	3.90	33	ePn	55 51.40	-0.2
OST	3.91	15	ePn	55 50.70	-1.0
EZ	4.08	349	ePn	55 55.00	0.9
KHC	16.70	327	eP	58 45.10	-0.3
S.D = 0.7 on 8 of 8 obs.					
MAY 13, 1985 22h 13m 08.80s					
31.920 N			115.850 W		
DEPTH = 6.0km (geophysicist)					
BAJA CALIFORNIA					(48)
<PAS-P>. ML 3.0 (PAS).					
IKP	0.76	343	iPc	13 23.00	-1.0
BAR	1.03	318	eP	13 27.30	-1.3
GLA	1.42	37	eP	13 32.70	-2.5
	3 obs. associated				
MAY 13, 1985 22h 35m 37.99± 0.63s					
31.831 S ± 6.4km			70.716 W ± 9.0km		
DEPTH = 99.1 ± 10.3 km					
CHILE-ARGENTINA BORDER REGION					(127)
JACH	0.85	173	iPc	35 57.30	0.1
ROCH	1.16	192	iPd	36 00.50	-0.3
PEL	1.31	179	iPd-	36 02.40	0.1
			i(S)	36 09.30	
BACH	1.53	173	iPd	36 05.10	0.1
FCH	1.54	167	iPd	36 06.00	0.6
SAN	1.62	178	iPd	36 06.00	-0.1
			iS	36 25.80	
RTCB	1.67	79	iPd	36 08.30	1.5
			S	36 30.50	
ZON	1.76	81	eP	36 13.00	5.0X
			eS	36 35.00	
PCH	1.79	175	iPc	36 08.10	-0.3
TACH	1.83	186	iPc	36 08.50	-0.3
			iS	36 29.50	
RTCV	1.85	91	iPc	36 10.30	1.1
			S	36 32.50	
MDZ	1.90	124	iPc	36 11.00	1.3
			iS	36 33.60	
RTLL	1.98	76	iPd	36 12.00	1.2
			S	36 36.00	
CHCH	2.10	179	iPd	36 12.00	-0.4
CFA	2.12	85	iPc	36 13.50	0.8
			S	36 40.00	
LNV	2.20	195	iPc	36 12.70	-0.9
			i(S)	36 36.00	
RFA	3.48	148	iPc	36 30.40	-0.8
			S	37 09.10	
TCA	5.25	86	ePd	36 53.10	-2.5
			S	37 47.80	
CYA	5.44	53	iPd	36 56.00	-2.1
FSA	7.05	37	iPd	37 19.00	-1.3
ANT	8.10	2	eP	37 35.00	0.4
SLA	8.44	34	ePd	37 37.80	-1.6
CCH	14.97	17	P	39 10.70	4.8X
ARE	15.32	357	eP	39 12.00	1.7
LPB	15.41	9	P	39 06.00	-5.6X
VAO	22.80	73	e(P)	40 34.00	1.0
BAO	26.23	57	e(P)	40 47.50	-18.1X
SPA	58.34	180	e(P)	45 25.50	0.7
S.D. = 1.2 on 24 of 28 obs.					
? MAY 13, 1985 23h 10m 49.11± 2.01s					
38.121 N ±24.6km			15.753 E ±13.5km		
DEPTH = 10.0km (geophysicist)					
SICILY					(398)
Felt at Messino.					
GIB	1.38	265	ePg	11 14.50	0.1
			eSg	11 33.00	
ORI	2.00	15	ePn	11 24.80	1.5
			eSn	11 55.00	
SGO	2.46	352	ePn	11 29.00	-0.8
			eSn	11 45.00	
LCI	2.79	37	ePn	11 37.80	3.2X
			eSn	11 50.00	
OHR	4.91	51	ePn	12 06.00	1.3
SKO	5.82	47	ePn	12 15.00	-2.5
VAY	6.15	57	ePn	12 22.60	0.4
S.D. = 1.9 on 6 of 7 obs.					
? MAY 14, 1985 00h 52m 01.00± 8.63s					
33.824 S ±20.2km			72.079 W ±69.3km		
DEPTH = 33.0km (normal)					
OFF COAST OF CENTRAL CHILE					(134)
LNV	0.57	103	iPc	52 11.70	-0.9
			iS	52 24.10	
TACH	0.97	80	iPd	52 18.30	0.0
			iS	52 35.20	
CHCH	1.19	96	iPc	52 21.70	0.2
ROCH	1.23	47	iPc	52 22.20	0.0
SAN	1.24	73	iPc	52 22.40	0.3
			iS	52 44.00	
PCH	1.32	82	iPd	52 23.50	0.1
BACH	1.41	71	iPc	52 25.50	0.9
FCH	1.57	72	iPd	52 27.90	0.7
JACH	1.69	48	iP	52 29.00	0.3
MDZ	2.86	72	eP	52 50.80	5.4X
			iS	52 54.80	
RFA	3.14	109	ePc	52 50.00	0.7
TCA	6.79	71	ePd	53 38.60	-2.4
			S	55 10.80	
S.D. = 1.0 on 11 of 12 obs.					
& MAY 14, 1985 01h 32m 13.90s					
31.690 N			115.800 W		
DEPTH = 6.0km (geophysicist)					
BAJA CALIFORNIA					(48)
<PAS-P>. ML 3.4 (PAS).					
IKP	0.99	345	iPc	32 32.40	-0.7
			eS	32 46.00	
BAR	1.23	323	iPd	32 36.00	-1.2
			iSc	32 52.60	
GLA	1.59	31	eP	32 41.00	-1.7
SLBC	1.80	317	eP	32 46.00	0.3
			eS	33 10.20	
SDW	3.10	340	e(P)	33 05.50	1.1
5 obs. associated					
& MAY 14, 1985 02h 42m 04.80s					
33.300 N			116 300 W		
DEPTH = 10.0km					
SOUTHERN CALIFORNIA					(43)
<PAS-P>. ML 3.0 (PAS).					
IKP	0.67	166	iPc	42 17.40	-0.8
			eSd	42 26.50	
HAY	0.69	53	ePc	42 17.50	-0.9
CPE	0.79	238	iPd	42 18.80	-1.4
GLA	1.26	101	eP	42 27.30	-0.9
SDW	1.46	334	iP	42 31.20	0.0
5 obs. associated					
• MAY 14, 1985 02h 54m 23.41± 0.77s					
27.764 S ± 8.0km			67.422 W ±12.4km		
DEPTH = 158.0 ± 11.2 km					
3.8mb (1 obs.)					
CATAMARCA PROVINCE, ARGENTINA					(130)
CYA	1.59	116	e(P)	54 55.40	0.5
FSA	2.09	37	e(P)	55 00.90	0.4
SLA	3.48	30	ePd	55 18.00	0.0
TCA	4.33	146	iPd	55 29.10	0.1
			S	56 12.00	
ANT	4.86	326	eP	55 35.00	-0.9
			eS	56 28.00	
MDZ	5.25	193	eP	56 04.50	23.4X
			iS	56 31.00	
RFA	7.04	187	ePc	56 04.80	-0.4
VAO	19.07	80	e(P)	58 35.00	-1.2
BDW	80.20	330	e(P)	06 19.00	1.4
1.0s 2.00nm 3.8mb					
S.D. = 1.1 on 8 of 9 obs.					
& MAY 14, 1985 02h 55m 44.70s					
31.910 N			115.840 W		
DEPTH = 6.0km (geophysicist)					
BAJA CALIFORNIA					(48)
<PAS-P>. ML 2.3 (PAS).					
IKP	0.77	343	eP	55 59.20	-0.9
			eS	56 10.00	
BAR	1.04	318	eP	56 03.60	-1.2
2 obs. associated					
• MAY 14, 1985 02h 57m 52.21± 1.89s					
38.049 N ±22.3km			15.786 E ±11.9km		
DEPTH = 10.0km (geophysicist)					
SICILY					(398)
Felt at Messino.					
GIB	1.40	268	ePg	58 18.00	0.2
			eSg	58 35.50	
ORI	2.06	14	ePn	58 28.00	0.7
			eSn	58 50.00	
			eSg	59 00.00	
SGO	2.53	352	ePn	58 33.00	-1.0
			eSn	58 59.00	
LCI	2.84	36	ePn	58 40.50	2.2
BRT	3.03	21	ePn	58 52.30	11.3X
DUI	3.75	345	e(Pn)	59 00.00	8.7X
OHR	4.93	50	ePn	59 08.20	0.0
TTG	5.12	30	ePn	59 10.50	-0.2
			eSn	00 07.00	
SKO	5.85	46	ePn	59 19.00	-2.0
VAY	6.17	56	iPn	59 25.60	0.1
MLR	10.62	42	eP	00 30.00	2.5X
S.D. = 1.4 on 8 of 11 obs.					
? MAY 14, 1985 03h 15m 33.07± 1.01s					
5.327 S ±29.2km			150.881 E ±24.1km		
DEPTH = 33.0km (normal)					
3.6mb (1 obs.)					
NEW BRITAIN REGION					(192)
BIAL	0.17	85	iP	15 39.40	0.0
			iS	15 44.10	
RAB	1.71	49	eP	16 01.00	0.0
LMG	4.47	217	eP	16 40.50	0.0

14d 03h

PMG 5.49 222 eP 16 57.00 2.3X
WB2 21.67 226 eP 20 22.70 -0.4
WRA 21.68 226 Pc 20 23.50 0.4
0.5s 1.30nm 3.6mb
S.D. = 0.4 on 5 of 6 obs.

• MAY 14, 1985 03h 45m 59.43± 0.94s
16.570 N ± 7.7km 120.830 E ±14.0km
DEPTH = 10.0km (geophysicist)
4.2mb (2 obs.)
LUZON, PHILIPPINE ISLANDS (249)
Felt (II RF) at Baguio and (I RF) at Santa.

BAG 0.29 237 iPc+ 46 04.50 -1.0
SZP 1.04 340 iPd 46 18.00 -1.0
iS 46 31.00
MAN 1.91 173 eP 46 33.00 0.6
eS 46 58.20
GZH 9.57 314 eP 48 27.20 6.9X
S 50 02.00
QIZ 10.75 285 eP 48 55.20 18.7X
GYA 16.43 309 P 49 58.00 6.1X
XAN 20.43 331 eP 50 40.20 0.6
CD2 21.12 316 eP 50 48.20 1.4
BJI 23.73 351 eP 51 16.50 4.0X
HHC 25.49 344 eP 51 28.60 -0.9
WRA 38.64 159 P 53 24.00 -0.9
0.9s 3.40nm 4.1mb
WB2 38.64 159 eP 53 19.20 -5.7X
GBA 41.94 272 Pc 53 53.60 1.3
0.9s 6.40nm 4.4mb
S.D. = 1.3 on 8 of 13 obs.

MAY 14, 1985 04h 52m 16.94± 0.36s
39.695 N ± 4.3km 26.025 E ± 3.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.6 (ATH).

EZN 0.27 60 iPg 52 23.40 0.9
iSg 52 33.40
PRK 0.49 157 ePgc 52 27.30 0.5
iSg 52 34.50
MFT 1.45 41 iPn 52 44.60 1.3
IZM 1.61 143 iPn 52 45.00 -0.6
PAIG 1.82 278 ePn 52 50.00 1.5
eSn 53 18.00
KCT 1.88 72 iPn 52 48.90 -8.5
KDZ 2.01 345 iPd 52 50.00 -1.3
iS 53 15.00
DST 2.01 92 ePn 52 49.70 -1.7
SOH 2.33 300 ePn 52 55.80 -0.2
eSn 53 28.00
SRS 2.34 308 ePn 52 55.40 -0.6
eSn 53 30.00
CTT 2.34 51 iPn 52 55.90 -0.2
ATH 2.49 227 ePg 53 07.00 8.8X
eSb 53 36.00
eSg 53 40.00
DMK 2.50 31 iPn 52 57.90 -0.4
MMB 2.58 318 iPc 52 58.00 -1.4
iS 53 37.00
PLD 2.61 338 eP 53 00.00 0.2
iS 53 32.00
ISK 2.69 58 ePn 53 01.90 0.8
YLV 2.71 70 ePn 53 01.40 0.0
LIT 2.75 280 ePn 53 02.80 0.9
JMB 2.80 8 eP 53 38.00 35.4X
eSg 53 54.00
KNT 2.80 393 ePn 53 02.60 0.0
GRG 3.04 296 ePn 53 07.20 1.2
VAY 3.09 303 iPn 53 15.70 9.0X
YER 3.11 145 iPn 53 06.60 -0.4
ALT 3.23 100 ePn 53 09.50 0.7
KZN 3.32 282 ePn 53 09.00 -1.1
PVL 3.51 350 iPd 53 13.00 0.4
VTS 3.60 325 iPd 53 14.00 0.1
iSg 54 10.00
SKO 4.16 305 ePn 53 33.00 11.2X
OHR 4.23 291 ePn 53 23.00 0.0
MLR 5.79 359 iPd 53 45.00 -0.1
S.D. = 0.9 on 26 of 30 obs.

• MAY 14, 1985 05h 44m 11.28± 1.23s
5.922 S ±11.4km 151.344 E ± 8.2km
DEPTH = 22.2 ± 14.9 km

3.7mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL 0.67 334 iP 44 24.00 -0.3
iS 44 32.30
RAB 1.91 26 eP 44 43.00 0.1
0.4s 406.78nm
KVG 3.37 351 eP 45 04.00 0.2
BGA 3.82 94 eP 45 10.00 -0.3
eS 45 55.00
PAA 4.14 95 eP 45 15.00 0.2
LMG 4.34 227 eP 45 17.00 -0.7
ALOA 4.45 192 e(P) 45 05.00 -14.1X
PMG 5.41 230 eP 45 34.00 1.3
MOM 5.51 314 eP 45 38.00 3.9X
WB2 21.61 228 eP 49 00.20 -1.8
eS 52 54.70
WRA 21.62 228 Pc 49 01.10 -1.0
0.6s 1.90nm 3.7mb
ASPA 24.35 222 eP 49 31.00 2.1
eS 53 57.00
S.D. = 1.4 on 10 of 12 obs.

MAY 14, 1985 05h 44m 34.94± 0.87s
38.220 N ± 8.2km 15.678 E ± 5.2km
DEPTH = 10.0km (geophysicist)
4.0mb (1 obs.)
SICILY (398)
Felt at Messina.

GIB 1.33 260 ePg 45 00.00 0.4
eSg 45 19.60
ORI 1.92 18 ePn 45 09.80 1.8
eSn 45 32.20
eSg 45 40.10
SGO 2.35 353 ePn 45 14.00 -0.2
eSn 45 41.00
LCI 2.75 39 ePn 45 22.00 2.1
eSn 45 54.00
BRT 2.90 23 ePn 45 21.20 -0.8
eSn 45 57.20
eSg 46 17.00
DUI 3.56 345 ePn 45 32.50 1.2
VLS 3.87 89 eP 45 35.50 -0.3
AQU 4.48 338 ePn 45 46.50 2.1
ULC 4.63 35 ePn 45 46.00 -0.6
HCY 4.74 26 ePn 45 47.00 -1.1
eSn 46 41.00
OHR 4.89 52 ePn 45 50.90 0.5
TTG 5.02 32 ePn 45 52.50 0.5
eSn 46 48.00
BRY 5.16 24 ePn 45 53.00 -1.2
eSn 46 50.50
KZN 5.17 64 eP 45 55.50 1.3
NKY 5.24 28 ePn 45 56.00 0.8
eSn 46 54.50
LIT 5.62 68 ePnd 46 01.00 0.4
eSn 47 04.20
SKO 5.79 48 iPn 46 03.50 0.5
GRG 5.87 60 ePnd 46 04.40 0.3
eSn 47 10.00
VAY 6.15 58 iPn 46 07.50 -0.4
KNT 6.30 60 ePnc 46 10.40 0.3
eSn 47 17.00
ATH 6.35 90 eP 46 11.00 0.2
PAIG 6.46 72 ePn 46 11.00 -1.3
eSn 47 24.40
SOH 6.48 64 ePn 46 13.00 0.3
eSn 47 24.40
SRS 6.76 62 ePn 46 16.50 -0.1
OUR 6.78 69 ePn 46 15.00 -1.9
eSn 47 32.00
MMB 7.04 59 iPc 46 21.00 0.4
VTS 7.22 50 iP 46 23.00 0.0
iSg 47 41.00
CEY 7.57 353 ePn 46 25.50 -2.5
e(Sn) 47 53.70
TRI 7.62 350 eP 46 56.00 27.4X
LJU 7.86 354 ePn 46 33.00 1.0
e(Sn) 47 57.50
VOY 7.92 351 e(Pn) 46 32.00 -0.9
eSn 47 39.30
PLD 7.92 58 eP 46 34.00 1.1
KDZ 8.18 62 iP 46 35.00 -1.5
CTI 8.37 340 ePn 46 38.00 -1.3
DIM 8.49 60 eP 46 40.00 -0.9
NPS 8.50 107 eP 46 41.50 0.5

PVL 8.73 53 eP 46 44.00 -0.1
MLR 10.55 43 eP 47 10.00 0.7
MOX 12.76 348 eP 47 53.00 14.0X
1.5s 22.00nm
CLL 13.22 353 e(P) 47 52.00 6.8X
TOL 15.42 282 eP 48 23.00 8.9X
NB2 23.01 354 P 49 38.50 -2.3
0.8s 4.00nm 4.0mb
NUR 23.02 11 eP 49 43.00 2.2
SUF 25.35 11 iP 50 01.80 -1.4
S.D. = 1.2 on 40 of 44 obs.

• MAY 14, 1985 07h 16m 13.33± 1.27s
17.842 N ±10.8km 61.598 W ±16.2km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

BPA 0.83 197 eP 16 27.63 -1.0
S 16 35.40
SEG 1.43 176 eP 16 37.55 0.3
SFG 1.63 166 eP 16 39.58 -0.4
PAG 1.80 182 eP 16 43.40 0.7
MGG 1.93 172 eP 16 44.75 0.3
SJG 4.34 274 eP 17 19.00 0.2
YKA 57.60 334 eP 26 02.00 -0.2
S.D. = 0.7 on 7 of 7 obs.

% MAY 14, 1985 09h 14m 37.41± 0.86s
39.099 N ± 7.5km 27.597 E ± 8.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.75 201 iPg 14 52.00 -0.1
iSg 15 07.00
DST 0.95 57 iPn 14 55.70 0.2
EZN 1.22 307 ePn 15 00.40 0.3
KCT 1.29 27 iPn 15 01.20 -0.1
KGT 1.37 351 iPn 15 02.20 -0.3
S.D. = 0.3 on 5 of 5 obs.

? MAY 14, 1985 09h 58m 15.15± 5.23s
0.825 N ±72.1km 101.062 W ±38.4km
DEPTH = 10.0km (geophysicist)
4.3mb (7 obs.)
EAST CENTRAL PACIFIC OCEAN (693)

LTX 28.46 355 eP 04 13.50 0.9
8HO 33.88 9 e(P) 05 01.40 1.2
1.0s 1.60nm 3.9mb
ALQ 34.31 352 eP 05 03.00 -1.2
1.1s 4.75nm 4.3mb
TUL 35.25 7 eP 05 11.40 -0.6
1.0s 8.10nm 4.5mb
RLO 35.61 8 e(P) 05 14.50 -0.5
DAU 40.48 348 P 05 56.80 0.7
DUG 40.62 346 P 05 56.60 -0.5
0.7s 2.11nm 4.0mb
8MN 42.07 342 e(P) 06 10.00 1.0
BDW 42.46 351 eP 06 12.00 -0.2
1.0s 7.00nm 4.3mb
NEW 49.25 346 P 07 04.80 -1.1
0.7s 2.84nm 4.4mb
RSON 50.24 6 e(P) 07 13.00 -0.4
PNT 50.87 344 eP 07 18.00 -0.2
0.6s 4.00nm 4.5mb
YKC 62.32 353 eP 08 40.00 0.3
YKA 62.35 353 eP 08 40.50 0.6
S.D. = 0.9 on 14 of 14 obs.

MAY 14, 1985 10h 19m 51.51± 0.47s
63.100 N ± 4.6km 150.462 W ± 6.5km
DEPTH = 112.7 ± 10.3 km
CENTRAL ALASKA (1)

PWA 1.48 169 iPd 20 19.00 0.4
PMR 1.64 157 iPd 20 20.50 0.0
PMS 1.91 167 iPd 20 24.00 0.0
COL 2.16 32 iPd 20 27.20 0.1
eS 20 53.00
FBA 2.16 32 iPd 20 27.00 -0.1
TOA 2.22 115 iPc 20 28.40 0.4
TTA 2.54 269 iPc 20 33.00 0.8
IMA 3.29 336 iPd 20 42.60 0.3
MID 4.19 150 eP 20 55.00 0.7
KDC 5.46 192 iPc 21 10.70 -1.1
PNL 6.33 118 eP 21 22.80 -1.0
BRW 8.59 346 eP 21 53.20 -1.2

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INK      8.70  46 eP     21 56.00    0.1
       0.8s     27.00nm          5.0mb X
SIT      9.67 122 eP     22 07.70   -1.3
YKA     16.28  76 eP     23 35.20    0.8
MBC     16.69  26 eP     23 39.00   -0.3
EDM     21.61 100 eP     24 34.50    1.3
      S.D. = 0.8  on  17 of  17 obs.

   MAY  14, 1985  10h 50m 25.48± 0.29s
    8.134 S ± 4.5km  117.946 E ± 6.3km
    DEPTH =  33.0km  (normal)
    5.3mb (  5 obs.)
  SUMBAWA ISLAND REGION              (285)

MKS      3.27  28 iPd    51 15.00   -0.6
                 iS     52 07.30
                 e      55 50.00
TRT      5.28 274 iPd    51 42.50   -1.6
                 iS     52 27.00
KNA     13.01 127 eP     53 30.00   -0.7
MBL     13.08 172 eP     53 30.00   -1.6
                 eS     55 47.00
MTN     13.78 111 eP     53 39.00   -1.9
                 eS     56 04.00
NAU     14.52 189 iPc    53 51.80    1.3
                 eS     56 20.00
KGM     17.73 304 ePc    54 34.90    3.3X
MEK     18.39 178 eP     54 40.00    0.3
                 eS     57 52.00
WBN     19.70 156 eP     54 56.00    0.8
WRA     19.74 128 Pc     54 54.90   -0.8
       0.9s      7.70nm          4.0mb X
WB2     19.75 128 eP     54 55.00   -0.7
                 eS     58 30.20
MRWA    21.05 185 iPd    55 09.70    0.6
                 eS     58 53.00
IPM     21.08 306 ePc    55 09.70    0.2
ASPA    21.73 137 eP     55 18.00    1.9
                 eS     59 15.00
PSI     21.81 299 ePd    55 16.70   -0.1
       0.8s     33.40nm          4.8mb
BAL     22.39 183 eP     55 22.00   -0.5
                 eS     59 26.00
KLB     23.34 180 iPd    55 32.40    0.6
                 eS     59 48.00
MUN     23.78 184 eP     55 54.00   18.0X
                 eS     00 00.00
NWAO    24.68 181 iPd    55 45.50    0.7
                 iS     00 15.00
RPG     25.82 182 eP     56 03.00    7.4X
                 eS     00 57.00
[illegible]  28.15 344 eP     56 20.80    3.9X
[illegible]  29.78 320 eP     56 33.60    2.0
[illegible]  29.86 116 eP     56 34.00    1.7
[illegible]  32.28 140 eP     56 54.00    0.5
 HTO     32.68 325 eP     56 57.50    0.4
       0.8s     15.56nm          5.0mb
GYA     36.09 343 eP     57 29.00    2.6
CD2     41 14 341 eP     58 09.30    1.0
XAN     42 81 349 P      58 21.90   -0.1
LSA     45.60 327 eP     58 45.70    0.6
[illegible]  45.90 354 eP     58 47.00    0.2
PKI     47.45 320 eP     58 58.40   -1.2
       0.9s     34.00nm          5.4mb
QMN     47.67 319 eP     59 00.90   -0.3
       0 9s     59.00nm          5.6mb
[illegible]  47.68 320 eP     59 00.60   -0.7
       0.9s     44.00nm          5.5mb
BJI     47.96 358 eP     59 02.50   -0.4
HHC     49.09 354 eP     59 11.80    0.0
GTA     50.20 342 P      59 21.00    0.6
CNC     52.14   7 Pc     59 34.20   -0.6
MDJ     53.55  10 eP     59 44.50   -0.8
WMO     58.53 335 Pd     00 21.00   -0.2
MAW     69.69 200 eP     01 34.00    0.4
MTD     84.23 254 eP     02 55.00   -0.8
KRI     86.10 254 eP     03 03.00   -2.1
BUL     86.62 250 iPd    03 07.30   -0.4
ITR    151.08 235 iPKP   10 17.10    5.4X
       0.8s     15.60nm
                 e      10 22.80
                 e      10 25.70
SOB1   152.78 231 ePKP   10 21.20    7.0X
       0.9s      5.70nm
                 epP    10 27.20
                 e      10 32.50
      S.D. = 1.1  on  39 of  45 obs.

•  MAY  14, 1985  11h 33m 02.23± 1.11s
    5.660 S ±12.6km  151.244 E ± 7.8km
    DEPTH =  28.4 ± 13.9 km
    3.9mb (  1 obs.)
  NEW BRITAIN REGION                 (192)

BIAL     0.40 331 iP     33 11.00    0.0
                 iS     33 16.50
RAB      1.73  32 eP     34 35.50   64.7X
KVG      3.10 352 eP     33 07.00  -43.4X
BGA      3.95  97 iPd    34 08.20    5.7X
                 eS     35 03.00
PAA      4.27  99 eP     34 07.00   -0.1
LAT      4.33 257 eP     34 08.00    0.1
LMG      4.45 223 eP     34 09.50   -0.3
ALOA     4.69 190 eP     34 13.00    0.1
PMG      5.51 227 eP     34 24.50    0.0
WB2     21.71 228 eP     37 52.10   -1.1
WRA     21.72 228 Pc     37 53.10   -0.2
       0.8s      4.10nm          3.9mb
ASPA    24.48 221 eP     38 22.00    1.7
KLB     40.59 226 iPc    40 41.00   -0.2
MUN     41.92 227 eP     40 52.00   -0.1
      S.D. = 0.8  on  11 of  14 obs.

   MAY  14, 1985  12h 03m 39.43± 0.48s
    5.806 S ± 7.2km  151.466 E ± 5.4km
    DEPTH =  33.0km  (normal)
    4.7mb (  4 obs.)
  NEW BRITAIN REGION                 (192)

RAB      1.75  24 iPc    04 08.50    0.6
KVG      3.28 348 eP     04 30.50    0.8
BGA      3.71  95 iPd    04 35.50   -0.4
                 eS     05 27.00
PAA      4.03  97 eP     04 40.00   -0.5
                 eS     05 33.00
LMG      4.51 227 eP     04 45.50   -1.8
LAT      4.52 259 eP     04 49.00    1.6
ALOA     4.59 194 eP     04 47.00   -1.4
MOM      5.52 313 eP     05 04.00    2.6X
PMG      5.58 230 eP     05 03.00    0.7
MDG      5.69 275 eP     05 05.00    1.2
VSG      8.86 113 eP     05 49.00    0.7
SVO      8.92 112 eP     05 51.00    1.9
HNR      9.15 114 eP     05 52.00   -0.2
TZZ     10.21 272 eP     06 10.00    3.1X
JAY     11.22 286 ePd    06 21.90    1.2
CTA     15.07 199 eP     07 18.00    6.2X
       0.7s      8.56nm          4.1mb
                 eS     10 36.00
ISO     18.80 217 eP     08 01.00    2.3
RMO     20.73 187 eP     08 20.00    0.2
MTN     21.24 249 eP     08 23.00   -2.1
       0.5s     26.00nm          4.9mb
WB2     21.78 228 eP     08 28.70   -1.8
                 eS     12 34.50
WRA     21.79 228 Pd     08 29.80   -0.8
       0.6s     11.50nm          4.5mb
KNA     24.36 244 eP     08 58.00    2.2
ASPA    24.52 222 eP     08 58.00    0.7
       0.8s     45.00nm          5.1mb
                 eS     13 20.00
WBN     31.21 227 eP     09 58.00   -0.1
BAG     37.69 306 eP     10 52.00   -2.1
BAL     40.92 229 eP     11 20.00   -0.5
MUN     41.98 227 eP     11 29.00   -0.2
KMI     56.46 305 eP     13 16.50   -4.6X
KMI     56.46 305 Pd     13 36.00   14.9X
       3.0s      0.70nm
     N  18s      3.30um
                 pP     36 19.00
                 PcP    36 33.00
                 PP     38 44.00
                 S      45 17.00
                 sS     45 34.00
SHL     65.68 301 eP     14 22.20   -1.2
SBA     72.45 177 eP     15 05.00    0.9
COL     83.31  22 eP     16 02.00   -2.0
SPA     84.23 180 e(P)   16 12.90    4.0X
INK     89.87  21 eP     16 52.00   16.0X
BAO    151.27 138 e(PKP) 23 29.50    3.4X
      S.D. = 1.4  on  27 of  35 obs.

•  MAY  14, 1985  12h 18m 57.29± 1.20s
    5.640 S ±12.3km  151.253 E ±19.6km
    DEPTH =  33.0km  (normal)

    3.4mb (  1 obs.)
  NEW BRITAIN REGION                 (192)

BIAL     0.38 329 iP     19 06.10   -0.1
                 iS     19 14.00
RAB      1.70  32 iPc    19 25.00   -0.1
LAT      4.35 256 eP     20 09.00    6.2X
LMG      4.47 223 eP     20 03.00   -1.7
PMG      5.53 227 eP     20 20.00    0.6
WB2     21.73 228 eP     23 48.20    0.3
WRA     21.74 228 P      23 49.00    1.0
       0.3s      0.50nm          3.4mb
      S.D. = 1.2  on   6 of   7 obs.

•  MAY  14, 1985  12h 28m 50.04± 1.41s
    5.657 S ±13.7km  151.278 E ±21.5km
    DEPTH =  33.0km  (normal)
    3.5mb (  1 obs.)
  NEW BRITAIN REGION                 (192)

BIAL     0.41 327 iP     28 59.20   -0.1
                 iS     29 86.50
RAB      1.71  31 iPc    29 18.00    0.1
LAT      4.37 257 eP     30 03.00    7.2X
LMG      4.48 224 eP     29 56.00   -1.5
PMG      5.53 227 eP     30 14.00    1.7
WB2     21.74 228 eP     33 35.30   -5.4X
WRA     21.75 228 Pc     33 40.60   -0.2
       0.6s      1.20nm          3.5mb
      S.D. = 1.7  on   5 of   7 obs.

   MAY  14, 1985  13h 24m 57.83± 0.14s
   10.610 S ± 3.2km   41.423 E ± 3.4km
   DEPTH =  10.0km  (geophysicist)
   6.0mb ( 68 obs.)  5.5Msz ( 15 obs.)
 NORTHWEST OF MADAGASCAR             (574)
      Felt at Mtwara and Newala,
      Tanzania and in Cabo Delgado
      Province, Mozambique.
      FAULT PLANE SOLUTION: P-Waves
       NP1:Strike=177 Dip=73 Slip= -90
       NP2:      357     17      -90
       Principal Axes:
        T              Plg=28  Azm=267
        P                  62      87
      Comment: The focal mechanism is
        poorly controlled and
        corresponds to normal
        faulting. The preferred fault
        plane is not determined.
      MOMENT TENSOR SOLUTION
      Dep  28            No. of sta:  4
      Moment Tensor; Scale 10**25 d-cm
        Mrr=-0.78        Mtt=-0.33
        Mff= 1.11        Mrt= 0.50
        Mrf=-0.35        Mtf=-0.08
       Principal axes:
        T  Val=  1.19  Plg=12  Azm= 83
        N       -0.06      29      346
        P       -1.14      58      192
      Best Double Couple:Mo=1.2*10**25
       NP1:Strike=205 Dip=42 Slip= -43
       NP2:      330     63      -123
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 11S, 24C
      Centroid Location:
      Origin Time        13:25: 5.8 0.3
      Lat 10.27S 0.04 Lon  41.54E 0.03
      Dep  10.0 FIX Half-duration  3.6
      Moment Tensor; Scale 10**25 D-CM
        Mrr=-1.04 0.02  Mtt=-0.04 0.03
        Mff= 1.09 0.02  Mrt= 0.27 0.07
        Mrf=-0.09 0.09  Mtf=-0.34 0.02
       Principal Axes:
        T  Val=  1.19  Plg= 4  Azm= 74
        N       -0.08      14      343
        P       -1.11      76      180
      Best Double Couple:Mo=1.1*10**25
       NP1:Strike=178 Dip=43 Slip= -70
       NP2:      331     51      -108

MZM      7.32 264 iPn    26 43.60   -3.8X
                 iSn    27 56.40
CLK      8.05 231 iPn    26 53.10   -4.6X
                 iSn    28 15.70
TET      9.41 233 eP     27 10.00   -6.5X
```

14d 13h

NAI	10.35	333	iPd	27	26.00	-3.6X		0.4s	29.66nm		5.6mb		JOS	61.68	344	eP	35	18.00	-0.3
	1.8s	477.27nm			6.6mb				iS	41	32.00			0.8s	100.10nm			6.0mb
MTD	11.36	235	iPn	27	37.00	-6.3X	EDC	52.23	347	iP	34	11.70	0.4	SRO	61.68	343	iP	35	18.60	0.3
			iSn	29	32.00		KGT	52.46	346	iPd	34	14.00	1.1				i	38	22.40	
			iSg	30	35.00		ISK	52.67	348	iPc	34	15.50	1.0				e	39	23.00	
KRI	13.03	240	iPn	28	01.00	-4.9X	MFT	52.78	347	iPd	34	16.00	0.5				e(S)	43	42.80	
			iSn	30	09.00		CTT	52.88	348	iP	34	16.50	0.4	KHT	62.02	67	eP	35	20.80	-0.3
			eSg	31	23.00		PAIG	52.91	343	eP	34	16.00	-0.3	SOP	62.10	341	iPd	35	21.20	0.0
BUL	15.56	231	iPnc	28	33.60	-5.5X	OUR	53.20	343	eP	34	19.00	0.6	NNT	62.32	70	eP	35	22.70	-0.4
			iSn	31	18.30		LIT	53.42	342	eP	34	19.90	-0.2	ZST	62.39	342	iPd	35	22.40	-0.6
SLR	19.52	218	eP	29	23.00	-5.6X	DMK	53.66	347	eP	34	22.10	0.3				e	04	29.60	
	1.0s	220.00nm			5.4mb		THE	53.77	343	iPd	34	22.40	-0.2	SPC	62.39	344	iPd	35	23.60	0.3
	Z 17s	16.33um			3.9Msz		SOH	53.83	343	eP	34	23.00	-0.1	LSA	62.43	48	iPd	35	24.10	-0.2
			i	29	27.00		SRS	54.03	343	eP	34	23.90	-0.7				pP	35	36.20	42kmX
			S	32	52.60		KDZ	54.06	345	iPd	34	24.00	-0.7	ALI	62.47	324	iP+	35	24.00	0.3
EVA	19.64	215	eP	29	26.10	-3.9X	GRG	54.23	342	eP	34	26.40	0.3				ePP	37	48.00	
	0.9s	310.92nm			5.6mb		KNT	54.27	343	eP	34	26.60	0.2	SAL	62.49	336	eP	35	24.00	0.3
AAE	19.69	352	iP	29	31.00	0.3	MMB	54.43	344	iP	34	27.00	-0.6	FRF	62.52	332	eP	35	24.20	0.2
BPI	20.00	217	eP	29	26.50	-7.3X	VAY	54.52	343	iPd	34	28.30	0.2		1.2s	105.30nm			5.9mb	
	0.7s	315.07nm			5.8mb		PLD	54.66	345	eP	34	29.00	-0.1	LRG	62.57	332	eP	35	24.30	0.0
ARO	22.04	4	iPd	29	54.00	-0.6	OHR	54.87	341	eP	34	31.00	0.2		1.0s	83.30nm			5.9mb	
VIR	22.11	216	iPc	29	53.00	-2.3				e	34	47.40		KBA	62.66	339	iPd	35	24.40	-0.7
	1.7s	2615.39nm			6.4mb		LCI	55.15	338	eP	34	33.00	0.2		0.8s	55.70nm			5.8mb	
BLF	23.28	216	iPc	30	04.60	-2.2	BOK	55.25	51	iP	34	30.00	-3.8X				i	35	54.00	
	1.0s	566.00nm			6.1mb					eS	41	58.00		VKA	62.69	341	iPd	35	24.40	-0.7
			i	30	17.50		SKO	55.45	342	iPd	34	35.00	0.0				i	35	35.00	
BNG	27.24	302	iPc	30	43.30	-1.0		8.0s	1730.00nm			6.1mb X					i	35	41.20	
	1.0s	125.00nm			5.6mb					i	34	50.50		KGM	62.84	82	ePc	35	26.20	-0.5
			i	38	51.90					iPcP	35	41.00		CDR	63.02	332	ePd	35	27.70	0.4
			i	39	07.50					iPP	36	46.00					ipP	35	38.30	75kmX
TRD	40.12	63	eP	32	31.90	-3.9X				iS	42	12.00					e	36	06.20	
PRNI	41.18	352	eP	32	45.50	1.2	ORI	55.47	337	eP	34	35.00	-0.1	FOUF	63.21	333	P	35	29.60	1.1
HLW	41.39	347	iPd	32	46.00	0.1	PVL	55.52	346	iPd	34	35.00	-0.4	KMR	63.22	340	eP	35	26.00	-2.6
			eS	44	06.00		VTS	55.52	344	iPd	34	35.00	-0.4				i	35	28.00	
SHI	41.43	15	iPd	32	47.50	1.0	BRT	55.90	338	eP	34	38.80	0.7				ipP	35	39.20	46kmX
JER	42.56	352	iPc	32	50.00	-5.6X	BSI	55.99	76	eP	34	39.50	0.2				i	35	45.00	
BOM	42.64	47	eP	33	03.00	6.7X	SGO	56.35	336	eP	34	42.00	0.6				i	36	22.60	
			eS	39	28.00		BUC1	56.45	347	iPd	34	44.00	1.9	KRA	63.27	345	iPd	35	27.90	-0.9
GBA	43.08	57	Pd	33	00.90	0.9	BUC	56.50	347	iPd	34	38.00	-4.4X		0.7s	103.00nm			6.1mb	
	1.0s	225.00nm			5.9mb		TTG	56.56	340	eP	34	43.00	0.2		Z 20s	3.40um			5.5Msz	
RTB	43.48	359	iPc	33	04.00	1.1	CFR	56.81	349	iPd	34	54.00	9.4X		N 20s	2.80um				
			i	33	10.00		DMN	56.87	47	eP	34	44.20	-1.5		E 20s	2.40um				
			iPPP	35	04.00		PKI	57.06	47	eP	34	45.50	-1.7				i	35	29.30	
			ePcS	38	53.00			0.8s	39.00nm			5.5mb					i	35	37.40	
			eS	39	15.00		ISR	57.09	347	ePd	34	47.50	0.7				i	35	41.90	
			e	41	42.50		KKN	57.10	47	eP	34	45.60	-1.7				eS	44	05.00	
			e	42	15.00		CMP	57.55	346	ePc	34	53.00	3.1X	OGA	63.34	337	iPd	35	29.40	-0.2
			e	42	48.50		MLR	57.56	347	iPc	34	50.00	-0.1		1.8s	288.00nm			6.2mb	
			e	47	34.50		VRI	57.75	348	iPd	34	50.00	-1.3	BHG	63.37	339	iPd	35	28.50	-1.1
			e	50	29.00		CVO	57.82	347	ePd	34	50.00	-1.8	OSS	63.53	336	ePd	35	30.60	-0.2
			e	51	07.00		CLO	57.92	345	iPd	34	55.00	2.5	ORO	63.55	334	eP	35	29.50	-1.4
BHD	43.73	4	iP	33	06.00	1.0	BEO	58.34	343	iP	34	55.10	-0.3	CRT	63.59	321	eP	35	33.00	1.8
			ePP	34	48.00					iPcP	35	35.30		MAL	63.81	320	iP-	35	32.00	-0.6
			e	35	06.00					ePP	37	07.40					iPP	38	04.00	
			eS	39	40.00					ePPP	38	43.70					iS	44	10.00	
			eSS	43	25.00					eS	43	01.70		MMK	63.90	335	ePd	35	32.30	-1.1
			eLR	52	24.00		SYO	58.35	181	iP	34	55.60	0.5	LLS	64.13	336	ePd	35	33.80	-1.0
			e	53	15.00		TSI	58.58	79	e(P)	35	01.00	3.4X	DIX	64.16	334	ePd	35	34.50	-0.6
HRI	43.97	353	eP	33	09.00	1.9	AQU	58.63	336	eP	34	58.00	0.4	SAX	64.30	336	ePd	35	35.10	-1.0
BHL	44.60	353	PKPd	33	13.50	1.3	MAW	58.69	171	eP	34	58.00	0.4	FUR	64.32	338	iPd	35	35.30	-0.5
KER	45.04	7	eP	33	17.00	1.2	PSI	58.73	80	ePc	34	59.20	0.6		0.8s	97.00nm			6.0mb	
HYB	46.06	53	ePd	33	23.50	-0.5	MNS	58.95	335	eP	34	59.50	-0.2	KHC	64.34	340	iPd	35	34.80	-1.1
MSL	46.77	2	iPd	33	31.00	1.8	KSH	59.26	31	Pd	35	01.00	-1.1		1.0s	71.00nm			5.8mb	
IR2	46.88	11	iPd	33	31.70	1.4				pP	35	13.00	42kmX		Z 14s	1.20um			5.2MszX	
QUE	47.42	30	iPd-	33	36.00	1.3				eS	43	08.00			N 15s	1.00um				
	1.5s	183.33nm			5.9mb					ScS	44	45.00			E 15s	1.00um				
			ePP	33	46.60		PPI	59.46	84	ePc	35	05.00	1.3				e	35	44.80	
			e(PP)	35	18.00		CVF	60.73	333	eP	35	11.70	-0.3				e	36	29.20	
			iS	40	33.00			1.0s	95.80nm			5.9mb					e	39	46.00	
ELL	48.33	348	iPd	33	43.30	1.6	SHL	60.87	53	iP	35	13.00	-0.4	EMS	64.35	334	ePd	35	35.30	-1.0
TAB	48.64	5	eP	33	45.00	1.0				eS	43	30.00		WET	64.59	340	iPd	35	37.00	-0.5
KIC	48.96	288	eP	33	45.60	-1.1	BUD	61.18	343	iPd	35	14.40	-0.5	PRU	64.77	341	Pd	35	37.20	-1.4
	1.0s	240.00nm			6.2mb		IPM	61.22	79	ePc	35	15.40	-0.4		2.0s	156.30nm			5.9mb	
			e	35	39.10			1.1s	47.60nm			5.5mb			Z 16s	1.80um			5.4MszX	
YER	49.07	346	iPd	33	48.90	1.6				e	35	28.00			N 15s	1.00um				
MHI	49.67	19	iPd-	33	52.50	0.5	TRI	61.34	338	iPd	35	15.50	-0.5		E 17s	1.80um				
			e	35	49.00					iPcP	35	52.70					e	36	12.50	
			eS	41	04.00					i	37	50.00					eS	44	20.00	
VIS	50.03	56	iP	33	54.00	-0.9				iPPP	39	00.00		MLS	64.79	328	ePd	35	38.80	-0.1
			iS	41	22.00					iS	43	40.00		SFS	64.79	319	iPd	35	40.00	1.0
IZM	50.52	346	iP	33	59.00	0.7				eSS	47	32.00					i	35	47.00	
ATH	51.09	342	iPd	34	02.50	-0.1				eSSS	50	56.00					ePP	38	16.00	
DST	51.35	347	iPd	34	05.70	1.0	LJU	61.35	339	eP	35	15.50	-0.6				eS	44	29.00	
KCT	52.03	347	iP	34	10.50	0.7				e	35	26.50		ZUL	64.87	336	ePd	35	38.70	-0.7
EZN	52.10	345	eP	34	09.40	-0.8				e(pP)	36	12.50	251kmX	KSP	64.99	343	iPd	35	39.30	-0.8
YLV	52.12	348	iPd	34	11.50	1.0				eS	43	35.00			1.0s	70.00nm			5.8mb	
NDI	52.17	41	iPd	34	10.00	-1.0	VOY	61.57	339	ePd	35	17.30	-0.4	SLE	65.06	336	ePd	35	40.00	-0.6

14d 13h

EPF 65.23 328 eP 35 42.10 0.3
1 6s 151.70nm 5.9mb
TOL 65.56 323 iPd 35 43.00 -1.0
ePP 38 10.00
eS 44 22.00
eSS 49 30.00
STU 65.61 337 iPd 35 44.00 -0.1
2.0s 470.59nm 6.3mb
Z 20s 2.13um 5.3Msz
SNA 65.62 195 iPd 35 44.80 0.9
1.5s 366.67nm 6.3mb
GRF 65.62 339 iPd 35 43.70 -0.5
Z 20s 1.90um 5.3Msz
e 35 44.70
e 35 54.90
CAF 65.72 330 eP 35 45.20 0.3
BRG 65.73 341 iPd 35 43.90 -0.9
1.6s 120.00nm 5.8mb
i 35 51.80
i 35 57.60
eS 44 36.00
P'P' 04 25.50
BSF 65.80 335 eP 35 44.70 -0.8
1.1s 149.20nm 6.1mb
BUH 65.90 337 iPd 35 45.60 -0.4
LPO 65.97 330 eP 35 47.00 0.5
1.6s 174.10nm 6.0mb
CDF 66.07 336 eP 35 46.10 -1.0
1.0s 77.60nm 5.8mb
HAU 66.12 335 eP 35 46.60 -0.8
1.4s 196.00nm 6.1mb
SMF 66.16 333 eP 35 47.30 -0.4
RJF 66.26 330 eP 35 48.70 0.4
1.1s 94.70nm 5.9mb
MOX 66.29 340 iPd 35 47.50 -1.0
2.4s 452.00nm 6.2mb
Z 16s 2.40um 5.5MszX
N 16s 1.90um
E 15s 1.80um
e 36 00.00
e 44 35.00
L8F 66.36 333 eP 35 48.30 -0.7
LGR 66.36 326 i(P) 35 50.00 1.0
LFF 66.38 330 eP 35 49.70 0.7
0.8s 39.80nm 5.7mb
GWF 66.38 336 iPd 35 48.60 -0.5
CLL 66.40 341 iPd 35 48.30 -0.8
2.2s 310.00nm 6.1mb
e(S) 44 44.00
P'P' 04 23.00
M?F 66.42 332 eP 35 49.60 0.3
A?F 66.49 332 eP 35 49.50 -0.2
B?F 66.55 332 eP 35 50.10 0.0
?OR 66.62 333 eP 35 50.00 -0.6
?F 66.62 333 eP 35 50.10 -0.5
1.4s 135.00nm 5.9mb
F 66.64 331 eP 35 50.80 0.0
SF 66.94 331 eP 35 52.70 0.1
GFC 67.00 333 iPd 35 53.10 0.1
i 36 04.20
TNS 67.07 338 ePd 35 52.60 -0.9
?RN 67.38 342 ePd 35 54.50 -0.3
WLF 67.51 336 P 35 56.40 0.3
S 44 58.00
MTE 67.99 322 ePd 36 01.00 1.6
MFF 68.00 330 eP 35 59.60 0.3
1.4s 113.20nm 5.9mb
LIS 68.01 319 iPc 36 01.00 1.5
MEM 68.31 337 Pd 36 01.30 0.1
COI 68.41 321 eP 36 01.20 -0.8
ENN 68.47 337 iPd 36 02.20 0.0
0.9s 158.00nm 6.2mb
DOU 68.48 335 Pd- 36 02.80 0.6
0.9s 182.50nm 6.3mb
Z 14s 3.00um 5.7MszX
e 36 13.00
S 45 09.00
WMO 68.55 34 iP 36 03.00 0.1
pP 36 14.00 36kmX
sP 36 18.00
ScP 40 25.00
S 45 07.00
PTO 69.07 322 iP 36 05.80 -0.2
iS 45 24.00
WTS 69.11 338 iPd 36 06.60 0.5
0.8s 81.00nm 6.0mb
UCC 69.12 336 P 36 07.00 0.9

LDF 69.41 332 eP 36 07.60 -0.4
1.2s 178.50nm 6.1mb
LPF 69.44 331 eP 36 08.00 -0.1
1.2s 165.20nm 6.1mb
KMI 69.48 58 Pd 36 09.00 -0.2
pP 36 19.00 32kmX
PcP 36 33.00
PP 38 44.00
S 45 17.00
sS 45 34.00
SS 49 49.00
GRR 69.61 331 eP 36 08.80 -0.4
1.4s 212.80nm 6.1mb
FLN 69.70 332 eP 36 09.30 -0.4
1.4s 209.10nm 6.1mb
DBN 69.81 337 iP- 36 10.00 -0.3
Z 20s 1.70um 5.3Msz
ipP 36 20.00 32kmX
i 37 21.00
ePP 38 44.00
e 39 07.00
WIT 69.82 338 eP 36 09.50 -0.9
TRT 70.23 94 ePc 36 13.60 -0.1
1.5s 180.80nm 6.0mb
COP 70.35 343 iPd 36 13.20 -0.4
0.8s 113.43nm 6.1mb
i 36 28.00
iS 45 27.00
MRWA 71.49 117 iPd 36 21.00 -0.1
MUN 71.60 120 iPd 36 21.80 0.1
MUD 71.98 342 iPd 36 24.00 0.6
0.5s 66.00nm 6.0mb
BAL 72.06 119 iPc 36 24.80 0.3
NUR 72.13 351 iP 36 23.50 -0.7
0.7s 133.50nm 6.1mb
Z 20s 1.40um 5.2Msz
i 37 30.00
ePPP 41 12.00
eS 45 44.00
eSS 50 56.00
eSSS 54 12.00
LR 08 40.00
NWAO 72.44 121 eP 36 27.00 0.3
Z 20s 0.70um 4.9Msz
N 20s 0.70um
E 20s 1.00um
CD2 72.61 53 P 36 27.20 -0.6
pP 36 38.50 37kmX
PP 39 18.00
S 45 50.00
UPP 72.78 348 iP 36 27.00 -1.0
i 36 38.80
KLB 72.93 120 eP 36 29.00 -0.6
GYA 73.26 58 Pd 36 31.00 -0.7
PcP 36 42.00
S 45 57.00
PS 46 42.00
GTA 73.53 43 iPd 36 33.50 0.4
pP 36 41.00 24kmX
sP 36 44.50
PP 39 20.00
S 46 04.00
QIZ 73.57 67 Pd 36 33.00 -0.5
pP 36 42.50 31kmX
sP 36 49.50
HFS 73.91 346 iPd 36 33.80 -0.8
1.2s 113.50nm 5.8mb
Z 14s 2.07um 5.6MszX
LR 06 54.00
SUF 74.06 353 iP 36 34.80 -0.6
0.7s 123.50nm 6.0mb
KONO 74.54 344 iPd 36 38.00 -0.3
ECP 74.78 332 iPd 36 40.10 0.3
1.4s 490.00nm 6.3mb
ECP 74.78 332 eP 36 50.10 10.3X
1.0s 200.00nm
LZH 74.85 48 Pd 36 41.00 0.2
8.0s 1984.00nm 6.2mb X
E 15s 1.50um
pP 36 50.00 29kmX
sP 36 53.00
eS 46 20.00
sS 46 37.00
ETA 75.04 332 iPd 36 41.90 0.6
1.2s 210.00nm 6.0mb
ETA 75.04 332 eP 36 52.00 10.7X
1.1s 200.00nm

ECB 75.09 332 iPd 36 42.10 0.5
1.3s 295.00nm 6.2mb
ECB 75.09 332 eP 36 52.10 10.5X
1.1s 255.00nm
NB2 75.30 345 P 36 41.60 -1.2
0.8s 74.60nm 5.8mb
KJF 75.32 354 iP 36 42.20 -0.4
0.8s 120.30nm 6.0mb
i 36 54.00
ePP 39 36.00
eS 46 20.00
eSS 51 08.00
KMY 75.44 342 iP+ 36 43.30 -0.2
EKA 75.52 336 Pd 36 44.00 0.0
0.8s 42.00nm 5.6mb
MBL 75.52 109 eP 36 44.00 -0.7
DLE 75.59 333 eP 36 44.40 0.0
1.6s 300.00nm 6.1mb
ODD 75.61 343 eP 36 45.00 0.5
DCN 75.96 332 eP 36 47.40 0.9
BER 76.36 342 iPd 36 48.70 0.0
VAL 76.48 330 iP 36 50.50 1.1
S 46 38.00
SUE 77.07 343 iP+ 36 53.00 0.4
MKS 77.33 93 iPc 36 54.00 -1.1
e 37 50.00
XAN 77.85 52 Pd 36 57.00 -0.5
PcP 37 09.00
PP 39 59.00
S 46 48.00
ScS 47 08.00
PS 47 36.00
GZH 77.90 64 P 36 59.40 1.5
sP 37 10.30
S 46 54.00
HKC 78.41 65 eP 37 05.00 4.3X
SOD 78.51 354 iP 37 00.80 0.4
ITR 78.52 263 eP 37 01.10 -0.5
1.5s 47.70nm 5.3mb
e 37 11.60
e 37 48.70
e 40 04.90
SPA 79.46 180 iPd 37 06.60 0.7
1.2s 302.82nm 6.2mb
Z 18s 3.92um 5.8Msz
PPR 79.51 78 ePd 37 08.90 2.0
KEV 80.80 355 iP 37 13.50 0.9
0.8s 39.60nm 5.5mb
i 37 25.00
ePP 40 24.00
eS 47 16.00
eSS 52 40.00
SOB1 80.86 262 eP 37 14.90 0.7
1.6s 156.30nm 5.8mb
e 37 21.60
ipP 37 29.10 49kmX
e 37 37.80
WHN 81.00 57 iP 37 15.00 0.5
iPcP 37 22.50
sP 37 27.00
PP 40 30.00
iS 47 26.00
RDJ 81.06 248 eP 37 16.80 1.8
WBN 81.10 115 eP 37 15.50 0.2
BTO 81.11 46 P 37 15.00 -0.1
sP 37 29.00
PP 40 27.00
S 47 29.00
TIY 81.82 49 Pd 37 18.50 -0.3
sP 37 30.50
PP 40 27.00
S 47 31.00
HHC 82.29 46 iPd 37 22.50 1.3
PP 40 28.50
BAG 82.75 72 eP 37 24.00 -0.2
1.7s 307.69nm 6.2mb
QCP 82.82 74 eP 37 25.00 0.7
QZH 83.02 63 Pd 37 26.00 0.8
pP 37 36.00 32kmX
S 47 46.00
DRV 83.72 157 eP 37 29.00 1.0
VAO 84.46 248 eP 37 34.60 1.9
e 37 38.00
e 37 55.20
KNA 84.65 105 eP 37 34.00 0.4
TIA 84.91 52 Pd 37 35.00 0.5
pP 37 43.20 26kmX

14d 13h

		sP	37	46.50		
		PP	40	53.00		
		S	47	55.00		
NJ2	85.12	56 iPd	37	36.00	0.4	
		sP	37	48.00		
		S	47	58.00		
BJI	85.34	48 eP	37	37.00	0.5	
		ePP	37	50.00	44kmX	
		eSKS	47	56.00		
		S	48	10.00		
		esS	48	32.00		
DAV	85.58	82 eP	37	38.00	-0.3	
		eS	48	00.00		
ANP	85.65	64 eP	37	40.00	1.4	
BAO	86.64	255 Pc	37	45.00	1.4	
		e	37	51.40		
SBA	86.66	170 iPc	37	44.90	2.4	
SSE	86.80	58 PKPc-	37	44.50	0.5	
	2.0s	334.00nm		6.2mb		
		pPKP	37	56.00		
		sPKP	37	58.00		
		PP	41	20.00		
		SKKS	48	24.00		
		SS	00	58.00		
AKU	87.71	339 iP	37	49.50	1.9	
	0.9s	16.81nm		5.3mb		
ASPA	88.05	114 iPd	37	50.70	0.5	
		ePP	38	00.00	29kmX	
		e	46	55.00		
		e	48	31.00		
		e	48	50.00		
DL2	89.08	50 P	37	54.00	-0.7	
		esP	38	07.00		
		ePP	41	29.00		
WRA	89.14	110 Pd	37	54.50	-1.0	
	0.8s	31.80nm		5.6mb		
WB2	89.15	110 eP	37	54.80	-0.8	
		i	38	08.60		
ADE	89.89	125 eP	37	58.80	0.0	
SNY	91.22	48 Pd	38	03.60	-1.0	
		pP	38	15.00	36kmX	
		i	41	58.00		
		SKS	48	34.00		
		S	48	58.00		
		PS	50	18.00		
LPA	91.55	234 eP+	38	09.00	2.6X	
Z	20s	5.67um		6.0Msz		
BFD	92.37	128 eP	38	10.00	-0.1	
STK	92.95	123 eP	38	12.00	-0.9	
		e	38	25.00		
CN2	92.99	46 Pd	38	11.00	-1.7	
		pP	38	21.00	31kmX	
		sP	38	25.00		
		PS	50	36.00		
DAG	93.75	348 iPc	38	13.90	-1.7	
	0.7s	10.27nm		5.3mb		
MDJ	96.06	46 eP	38	25.00	-1.9	
		pP	38	36.00	35kmX	
		PP	42	19.00		
		SKS	48	56.00		
		S	49	36.00		
		PS	51	06.00		
CTA	100.03	113 iPdiff	38	55.90	10.5X	
	1.5s	69.44nm				
		iPP	43	06.00		
		iSKS	49	25.00		
		iSP	51	46.00		
MAT	101.65	55 (Pdiff	38	55.00	2.7X	
Z	20s	1.06um		5.4Msz		
		eS	49	30.00		
ALE	102.26	352 ePdiff	38	53.70	-0.3	
	1.2s	21.00nm		5.7mb		
LPB	105.27	250 ePKP	43	29.00	5.2X	
Z	17s	6.12um		6.2MszX		
		LR	19	14.00		
BRW	118.32	7 ePKP	43	46.30	-0.1	
		e	43	58.20		
BLA	121.62	307 PKP	43	53.20	-0.7	
INK	122.28	358 ePKP	43	53.00	-1.1	
	1.2s	64.00nm				
		pP	44	06.00		
IMA	123.66	7 ePKP	43	57.00	0.0	
		i	44	09.30		
		i	45	34.00		
LHC	124.29	322 ePKPc	43	58.20	-0.4	
YKA	125.39	347 ePKP	44	00.00	-0.3	
RSNT	125.40	347 PKP	43	59.30	-0.9	
COL	125.41	5 ePKP	43	59.00	-1.2	
	1.2s	26.56nm				
Z	19s	1.39um		5.6Msz		
		e	44	11.00		
		e	45	47.00		
FBA	125.41	5 PKP	43	58.50	-1.7	
RSON	125.67	327 PKP	44	00.40	-0.8	
Z	20s	2.26um		5.8Msz		
TTA	126.28	10 PKP	44	02.00	-0.2	
FFC	127.36	334 ePKP	44	04.00	-0.3	
	1.3s	25.00nm				
PME	128.50	6 ePKP	44	06.00	-0.3	
		e	44	18.70		
		e	46	09.50		
PMR	128.53	6 PKP	44	05.70	-0.6	
EDM	132.92	340 iPKP	44	16.00	1.0	
RLO	133.16	310 ePKP	44	15.70	-0.3	
BHO	133.68	308 ePKP	44	15.20	-1.8	
TUL	133.83	310 ePKP+	44	17.30	0.1	
	1.5s	112.80nm				
Z	19s	5.19um		6.3Msz		
SES	134.31	336 ePKP	44	17.00	-0.8	
		pP	44	30.00		
RSSD	135.25	325 PKP	44	20.20	0.2	
NEW	138.37	338 ePKP	44	24.00	-1.5	
		e	47	12.00		
JCT	138.94	305 iPKP	44	26.20	-0.9	
Z	20s	1.42um		5.7Msz		
BDW	139.19	327 PKP	44	24.00	-3.4X	
BDW	139.19	327 ePKP	44	18.50	-8.9X	
		e	44	25.80		
		e	44	39.50		
ALQ	142.03	315 ePKP	44	27.00	-5.7X	
Z	18s	2.58um		6.0Msz		
LTX	142.48	305 PKP	44	27.00	-6.5X	
Z	20s	0.76um		5.5Msz		
TBI	144.61	163 iPKP	44	37.10	0.0	
	1.2s	205.00nm				
		ipP	44	49.10		
BMN	144.80	331 PKP	44	35.20	-2.0	
	1.0s	180.00nm				
EUR	144.91	329 iPKP	44	37.00	-0.5	
MIN	146.79	336 iPKPd	44	40.30	-0.2	
MNA	146.81	330 iPKPd	44	42.20	1.6	
WDC	146.95	337 iPKPd	44	41.90	1.4	
FHC	147.28	339 e(PKP)	44	42.30	1.2	
ORV	147.41	335 iPKPd	44	41.50	0.2	
JAS1	148.29	332 iPKPd	44	43.70	0.9	
CWC	148.30	327 ePKP	44	44.00	0.9	
GSC	148.43	325 ePKP	44	45.00	1.8	
CLC	148.50	326 ePKP	44	44.00	0.7	
FRI	148.70	330 ePKP	44	44.50	1.1	
GLA	148.76	319 ePKP	44	45.00	1.3	
TPC	148.83	322 ePKP	44	45.00	1.2	
ISA	149.09	327 ePKP	44	45.00	0.8	
		e	48	17.00		
BKS	149.14	334 iPKPd	44	46.00	1.9X	
		i	48	37.00		
BRK	149.15	334 e(PKP)	44	48.80	4.7X	
MHC	149.32	333 iPKPd	44	48.70	4.1X	
SBB	149.45	325 ePKP	44	45.00	0.2	
PCC	149.52	334 e(PKP)	44	48.00	3.4X	
LLA	149.59	331 ePKP	44	50.20	5.3X	
RVR	149.69	323 ePKP	44	47.00	1.9X	
SAO	149.71	332 e(PKP)	44	51.20	6.2X	
GCC	149.74	333 ePKPd	44	50.20	5.2X	
PLM	149.83	322 ePKP	44	47.00	1.5	
PRI	149.84	330 iPKPd	44	51.60	6.2X	
PAE	149.88	159 iPKP	44	52.30	6.6X	
	1.6s	285.00nm				
		ipP	45	04.80		
TVO	149.88	159 iPKP	44	52.70	6.9X	
	1.6s	335.00nm				
		ipP	45	05.40		
AFR	149.92	158 iPKP	44	52.40	6.6X	
	1.6s	380.00nm				
		ipP	45	05.20		
MWC	149.92	325 ePKP	44	47.00	1.3	
PPT	149.97	159 iPKP	44	52.70	6.8X	
	1.6s	545.00nm				
		ipP	45	05.20		
PRS	150.03	331 iPKPd	44	51.20	5.7X	
PAS	150.04	325 ePKP	44	43.00	-2.6X	
PPN	150.05	159 iPKP	44	52.80	6.8X	
	1.6s	500.00nm				
		ipP	45	05.60		
BAR	150.18	321 ePKP	44	47.00	1.1	
SLBC	150.32	322 ePKP	44	48.90	2.9X	
SYP	150.75	327 ePKP	44	49.00	2.2X	
VAH	152.80	161 iPKP	44	59.30	9.2X	
	1.6s	260.00nm				
		ipP	45	11.10		
RUV	152.92	161 iPKP	44	59.50	9.3X	
	1.6s	215.00nm				
		ipP	45	11.40		
PMO	152.93	160 iPKP	45	00.00	9.8X	
	1.6s	240.00nm				
		ipP	45	11.80		
TPT	153.04	160 iPKP	45	00.10	9.7X	
	1.6s	240.00nm				
		ipP	45	11.90		

S.D. = 0.9 on 287 of 339 obs.

* MAY 14, 1985 13h 37m 14.55± 0.75s
5.809 S ± 9.7km 151.481 E ± 8.4km
DEPTH = 28.3 ± 13.1 km
4.2mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	0.65	319 iP	37	25.80	-1.6	
		iS	37	34.80		
RAB	1.75	23 iPc	37	44.00	0.6	
	0.4s	1084.75nm				
BGA	3.69	95 eP	38	11.00	-0.3	
PAA	4.02	97 eP	38	15.00	-0.8	
LMG	4.52	227 eP	38	22.00	-1.0	
LAT	4.53	259 eP	38	26.00	2.9X	
ALOA	4.59	194 eP	38	23.00	-0.9	
PMG	5.58	230 eP	38	39.00	1.1	
MDG	5.70	275 eP	38	40.00	0.4	
WB2	21.79	228 eP	42	06.00	-0.3	
WRA	21.80	228 Pc	42	09.10	2.7X	
	0.7s	6.90nm		4.2mb		

S.D. = 1.1 on 9 of 11 obs.

* MAY 14, 1985 15h 38m 00.11± 1.19s
31.805 S ±17.2km 67.870 W ± 7.2km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.37	302 ePd	38	07.80	0.0	
RTCV	0.57	264 iPd	38	11.50	-0.2	
		S	38	20.30		
RTLL	0.70	313 ePc	38	13.60	-0.3	
		S	38	23.60		
RTCB	0.85	292 eP	38	17.10	0.5	
		S	38	28.20		
MDZ	1.36	217 eP	38	30.00	4.9X	
		iS	38	49.20		
TCA	2.84	81 ePd	38	46.40	0.0	
		S	39	27.00		

S.D. = 0.4 on 5 of 6 obs.

% MAY 14, 1985 15h 45m 56.01± 0.97s
40.148 N ± 9.9km 27.196 E ± 7.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KGT	0.31	15 iPg	46	02.40	-0.1	
		iSg	46	09.90		
EDC	0.55	69 iPg	46	06.20	-0.9	
EZN	0.74	245 iPn	46	10.40	-0.1	
KCT	0.89	83 iPn	46	12.90	-0.3	
DST	1.23	116 iPn	46	18.60	-0.3	
YLV	1.72	75 iPn	46	27.90	1.7	

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

? MAY 14, 1985 16h 13m 33.27± 4.16s
33.675 S ±14.7km 72.385 W ±34.2km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)
Felt (II) at Santiago.

LNV	0.86	109 iPc	13	49.10	0.2	
		iS	13	57.40		
TACH	1.21	89 iPc	13	52.80	-1.1	
ROCH	1.35	59 iPd	13	55.60	-0.5	
SAN	1.46	82 iPd	13	57.00	-0.5	
		iS	14	11.70		
CHCH	1.47	101 iPd	13	57.50	-0.2	
PEL	1.52	70 iPd	13	58.50	0.0	
PCH	1.56	89 iPc	13	59.00	-0.1	
BACH	1.61	79 iPd	13	59.60	-0.3	
FCH	1.78	79 iPd	14	02.50	-0.1	

MDZ	3.06	76	iP	14 25.90	5.3X
RFA	3.43	110	ePd	14 27.70	2.0
RTCV	3.71	62	eP	14 31.20	1.5
			S	15 22.20	
RTCB	3.73	55	ePd	14 31.40	1.4
			S	15 21.80	
ZON	3.78	57	eP	14 38.00	7.3X
RTLL	4.05	56	ePd	14 35.60	1.0
			S	15 29.40	
TCA	6.98	73	ePd	15 13.80	-2.2
			S	16 35.00	
CYA	7.69	49	e(P)	15 21.00	-4.8X
SLA	10.75	36	ePd	16 16.00	7.8X
ITR	39.90	59	eP	21 04.90	-1.0

S.D. = 1.2 on 15 of 19 obs.

* MAY 14, 1985 16h 16m 17.74± 0.81s
40.609 N ± 9.9km 26.190 E ± 7.4km
DEPTH = 33.0km (normal)
TURKEY (366)

EZN	0.79	172	ePg	16 32.90	0.5
			iSg	16 47.40	
MFT	0.85	78	iPg	16 33.40	0.0
			iSg	16 46.40	
KGT	0.86	100	iPg	16 33.40	-0.1
			iSg	16 48.90	
EDC	1.30	101	ePn	16 39.00	-0.8
DMK	1.69	44	iPn	16 46.00	0.6
CTT	1.78	72	iPn	16 50.40	3.7X
VAY	2.83	286	ePn	17 01.30	-0.3

S.D. = 0.7 on 6 of 7 obs.

* MAY 14, 1985 16h 27m 28.93± 1.48s
42.991 N ±10.6km 0.709 W ±10.6km
DEPTH = 17.0 ± 5.4 km
PYRENEES (378)
ML 3.4 (LDG).

ATE	0.09	3	Pc	27 32.70	0.2
			S	27 36.18	
LHE	0.10	141	Pc	27 31.28	-1.4
ESCF	0.13	48	Pc	27 33.54	0.6
			S	27 37.54	
MADF	0.17	331	P	27 33.70	0.3
			S	27 38.01	
OGE	0.25	44	Pc	27 35.56	0.9
JAU	0.25	79	Pc	27 35.31	0.5
			S	27 40.53	
EPF	0.77	87	Pg	27 44.00	0.5
MLS	1.32	91	eP	27 54.20	1.7
			eS	28 14.10	
LPO	2.18	38	Pn	28 05.40	0.5
			Sg	28 39.80	
LFF	2.21	28	Pn	28 06.40	1.1
			Sg	28 40.00	
LAF	2.78	45	Pn	28 13.40	-0.2
			Sn	28 47.20	
RJF	2.81	34	Pn	28 13.40	-0.5
			Sn	28 47.50	
LSF	3.63	25	Pn	28 23.50	-2.1
			Sn	29 05.90	
MF	3.63	6	Pn	28 27.80	2.2
			Sn	29 08.10	
TCF	3.90	31	Pn	28 27.50	-1.9
			Sn	29 12.40	
MZF	3.99	35	Pn	28 30.00	-0.6
			Sn	29 15.40	
BGF	4.37	34	Pn	28 35.20	-0.9
			Sn	29 25.10	
AVF	4.77	36	Pn	28 40.10	-1.6
			Sn	29 34.50	
SMF	4.88	40	Pn	28 42.70	-0.6
			Sn	29 36.70	
GRR	5.40	359	Pn	28 51.40	0.8
			Sn	29 50.20	
DOU	7.99	25	P	29 27.80	0.9

S.D = 1.2 on 21 of 21 obs.

? MAY 14, 1985 17h 11m 50.43±10.06s
34.164 S ±34.6km 70.441 W ±79.3km
DEPTH = 158.8 ± 56.9 km
CHILE-ARGENTINA BORDER REGION (127)

RFA	1.74	111	iPd	12 23.60	0.0
MDZ	1.84	47	eP	12 24.90	0.1
			iS	12 50.20	
RTCV	2.80	35	ePd	12 35.80	-0.4
			S	13 10.60	
RTCB	3.01	28	iPc	12 39.10	0.3
			S	13 15.80	
RTLL	3.28	31	ePd	12 42.20	-0.1
			S	13 21.00	
TCA	5.68	62	ePd	13 13.90	0.1
			S	14 16.40	

S.D. = 0.3 on 6 of 6 obs.

MAY 14, 1985 17h 29m 54.81± 0.26s
35.808 N ± 4.8km 139.535 E ± 4.5km
DEPTH = 104.0 ± 2.6 km
4.8mb (3 obs.)
NEAR S. COAST OF HONSHU, JAPAN (230)
Felt (II JMA) at Ajiro and Utsunomiyo and (I JMA) at Tokyo, Yokohama, Kofu and Tateyama.

TOK	0.22	124	iPc	30 10.00	0.3
			iS	30 20.70	
SRY	0.29	227	iPd	30 09.90	-0.1
DDR	0.34	304	iPc	30 09.90	-0.4
KMG	0.36	340	iPc	30 09.60	-0.7
			iS	30 20.90	
YOK	0.38	165	P	30 11.20	0.7
			iS	30 22.50	
OYM	0.45	212	iPd	30 10.70	-0.3
TSK	0.62	49	iPc	30 10.80	-1.3
UTS	0.78	20	iPc	30 12.70	-0.9
			iS	30 25.00	
KYS	0.79	140	iPd	30 14.00	0.4
KOF	0.81	260	Pd	30 14.10	0.3
			iS	30 27.60	
AJI	0.84	205	iPd	30 14.30	0.2
			iS	30 28.00	
MIS	0.85	216	iPd	30 14.50	0.3
			iS	30 28.70	
TAT	0.87	162	P	30 15.10	0.7
			iS	30 29.30	
MIT	0.95	53	P	30 14.60	-0.6
			S	30 28.50	
OSH	1.05	187	P	30 16.30	-0.1
			S	30 30.90	
CHO	1.07	94	eP	30 16.00	-0.5
			S	30 32.70	
MAT	1.30	305	iPd	30 18.90	-0.3
			eS	30 38.00	
IID	1.42	258	Pd	30 22.00	1.3
			iS	30 41.30	
ONA	1.59	44	P	30 24.20	1.5
			S	30 44.30	
SHK	5.76	259	eP	31 20.00	0.7
CN2	13.44	311	eP	33 18.50	16.2X
BJI	18.89	290	eP	34 14.00	4.3X
XAN	25.12	275	eP	35 10.60	-0.9
GTA	31.50	289	eP	36 08.80	0.0
PKI	46.29	276	eP	38 12.00	-0.1
	0.8s		9.00nm		4.6mb
KKN	46.30	276	eP	38 12.20	0.1
	0.8s		17.00nm		4.9mb
MTN	49.04	191	iPd	38 32.70	-0.3
WB2	55.66	186	iPc	39 21.00	-1.3
WRA	55.66	186	Pc	39 21.40	-0.9
	0.6s		6.90nm		4.8mb
INK	56.17	27	ePc	39 26.00	0.5
HYB	56.65	268	eP	39 29.00	-0.7
ASPA	59.39	186	eP	39 48.00	-0.4
WBN	62.82	193	eP	40 12.00	0.5
YKA	65.62	29	eP	40 30.30	1.0
LRM	76.08	43	eP	41 34.20	1.4

S.D. = 0.8 on 33 of 35 obs.

& MAY 14, 1985 17h 35m 36.30s
33.520 N 116.800 W
DEPTH = 1.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.7 (PAS). Felt (IV) at Anzo and Aguongo. Felt (III) at Big Beor City, Miro Lomo and Santo Ysobel.

SLBC	0.65	217	iP	35 48.40	-0.9
			eS	35 58.50	
BAR	0.84	173	iPd	35 51.90	-1.3
TPC	0.86	47	iPc	35 52.30	-1.1
SDW	1.11	348	P	35 57.20	-0.8
MWC	1.26	304	iPc	35 59.40	-1.3
GLA	1.72	105	P	36 04.80	-2.8
OSM	2.44	359	P	36 16.50	-1.5
VPEM	2.56	341	P	36 18.50	-1.3
WKTM	2.64	330	P	36 19.20	-1.7
GWV	2.66	2	P	36 19.90	-1.4
PGE	2.83	356	P	36 22.30	-1.4
EUR	5.99	6	iP	37 08.00	-0.5
	0.2s		5.58nm		4.9mb X

12 obs. associated

* MAY 14, 1985 17h 40m 36.20± 0.79s
0.857 N ±11.1km 101.705 W ±10.9km
DEPTH = 10.0km (geophysicist)
5.0mb (10 obs.) 4.6Msz (2 obs.)
EAST CENTRAL PACIFIC OCEAN (693)

GIE	11.51	98	P	43 30.10	6.4X
			S	45 37.40	
PBJ	16.68	22	iP	44 32.00	0.3
III	17.55	7	ePc	44 45.00	2.1
TPM	18.20	8	iPc	44 52.50	1.6
OXM	18.43	6	iPc	44 55.00	1.0
TAC	18.60	7	eP	45 08.00	12.1X
IIC	18.95	7	eP	45 02.00	1.7
UPA	23.50	69	eP	45 47.00	-0.2
PSO	24.38	89	eP	45 57.00	0.7
BOG	27.86	82	eP	46 35.00	6.4X
			eS	51 05.00	
LTX	28.38	356	iPc	46 32.80	-0.1
	1.2s		17.39nm		4.7mb
JCT	29.52	3	iP	46 41.80	-1.2
	1.0s		30.00nm		5.1mb
Z	20s		0.89um		4.4Msz
BHO	33.96	10	eP	47 20.80	-1.1
ALQ	34.20	353	eP	47 23.30	-1.0
	1.2s		21.48nm		4.9mb
Z	18s		1.89um		4.9Msz
GLA	34.32	340	eP	47 25.00	-0.2
BAR	34.65	337	eP	47 28.00	0.0
TPC	35.70	339	eP	47 37.00	0.1
RVR	36.09	338	eP	47 41.00	0.9
POW	36.45	14	P	47 42.00	-1.2
PAS	36.53	337	eP	47 41.00	-2.9
MWC	36.55	337	eP	47 40.00	-4.3X
SBB	36.87	338	eP	47 48.00	1.2
GSC	37.04	339	eP	47 49.00	0.7
RSCP	37.68	22	eP	47 51.00	-2.6
	0.9s		55.93nm		5.3mb
PRM	37.69	27	eP	47 53.00	-0.6
CLC	37.79	339	eP	47 55.00	0.5
ISA	37.98	338	eP	47 58.00	1.9
ELC	38.04	16	P	47 55.70	-0.8
FVM	38.38	14	iPd	47 59.80	0.4
	0.7s		27.21nm		5.1mb
MSU	38.69	347	P	48 02.80	0.5
GOL	38.80	355	eP	48 03.30	0.1
GLD	38.84	356	eP	48 04.00	0.5
	1.5s		71.88nm		5.1mb
DAU	40.32	349	P	48 16.00	0.1
EUR	40.59	343	iP	48 20.00	2.0
	0.8s		4.72nm		4.2mb
ARN	40.66	335	eP	48 20.30	1.9
BMN	41.84	342	ePc	48 29.50	1.4
	1.2s		16.13nm		4.6mb
BDW	42.33	351	eP	48 32.00	-0.2
	1.0s		23.60nm		4.9mb
RSSD	43.13	358	eP	48 38.30	-0.4
NEW	49.07	346	eP	49 25.00	-0.5
OTT	49.92	24	eP	49 32.00	0.0
SES	49.99	352	ePc	49 31.80	-0.8
RSON	50.28	7	eP	49 33.00	-1.7
PNT	50.67	345	eP	49 37.00	-0.7
MNT	50.88	25	iP	49 39.00	-0.3
EDM	53.08	351	eP	49 54.50	-1.4
FFC	53.69	360	eP	49 58.00	-2.2
BAO	55.52	110	e(P)	50 15.90	1.5
SOB1	61.37	101	e(P)	51 01.00	5.7X
YKC	62.22	353	eP	50 58.00	-2.1
	1.2s		35.00nm		5.4mb
YKA	62.25	353	eP	50 59.20	-1.1
ITR	63.76	100	eP	51 12.30	1.2
INK	70.73	348	eP	51 54.00	-0.1
MBC	75.97	356	eP	52 26.00	1.4
WB2	122.02	247	ePKP	59 34.20	0.7
WRA	122.03	247	PKPc	59 36.10	2.6X
	1.0s		3.30nm		

14d 18h

QUE 147.29 18 ePKP 00 23.40 3.3X
KKN 150.74 347 ePKP 00 24.60 -0.9
0.5s 5.00nm
PKI 150.92 347 ePKP 00 21.50 -4.5X
S.D. = 1.2 on 50 of 58 obs.

* MAY 14, 1985 17h 45m 32.14± 2.32s
37.264 N ±20.5km 20.749 E ± 9.9km
DEPTH = 33.0km (normal)
3 9mb (2 obs.)
IONIAN SEA (399)
ML 3.9 (ATH).

VLS 0.92 352 ePb 45 49.00 0.3
eSb 46 06.50
ATH 2.46 72 ePn 46 13.20 2.4
KZN 3.14 14 ePn 46 22.00 1.5
LIT 3.14 25 ePn 46 21.00 0.5
PAIG 3.51 40 ePn 46 25.00 -0.7
LCI 3.76 325 ePn 46 30.50 1.3
THE 3.78 27 ePn 46 29.20 -0.3
OHR 3.84 1 iPn 46 31.70 1.3
GRG 3.91 19 ePn 46 31.00 -0.3
OUR 3.97 38 ePn 46 32.00 -0.2
SOH 4.09 29 ePn 46 35.00 1.0
eSn 47 23.00
KNT 4.24 23 ePnc 46 36.00 0.0
VAY 4.29 19 iPn 46 36.50 -0.2
SRS 4.44 29 ePnd 46 38.30 -0.6
BRT 4.54 324 ePn 46 46.80 6.5X
SKO 4.73 6 iPn 46 43.00 0.0
MMB 4.90 27 iPc 46 44.00 -1.4
KDZ 5.64 38 iP 46 54.00 -1.8
VTS 5.65 19 eP 46 57.00 1.0
PVL 6.78 29 eP 47 06.00 -5.8X
HFS 23.33 351 eP 50 36.90 -1.0
0.5s 3.00nm 4.1mb
NUR 23.40 5 eP 50 37.00 -1.6
NB2 24.55 349 P 50 49.40 -0.4
0.7s 1.60nm 3.7mb
SUF 25.70 6 iP 50 59.20 -1.4
S.D. = 1.2 on 22 of 24 obs.

MAY 14, 1985 18h 11m 08.95± 0.13s
10.562 S ± 2.8km 41.424 E ± 3.1km
DEPTH = 10.0km (geophysicist)
6.4mb (61 obs.) 6.0Msz (19 obs.)
NORTHWEST OF MADAGASCAR (574)
Ms 6.3 (BRK). Felt at Mtwara and Newala, Tanzania and in the Mocimboa da Praia area, Mozambique. Believed to be the largest instrumentally located hypocenter in this area.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=353 Dip=72 Slip= -22
NP2: 90 69 -161
Principal Axes:
T Plg= 2 Azm= 42
P 28 311
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a moderate normal component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 32 No. of sta: 4
Moment Tensor; Scale 10**25 d-cm
Mrr=-2.78 Mtt= 2.30
Mff= 0.48 Mrt= 2.86
Mrf=-1.67 Mtf=-1.02
Principal axes:
T Val= 4.29 Plg=25 Azm= 26
N 0.05 3 118
P -4.34 65 214
Best Double Couple:Mo=4.3*10**25
NP1:Strike=110 Dip=20 Slip= -99
NP2: 299 70 -87
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 32C M.W.: 13S, 23C
Centroid Location:
Origin Time 18:11:16.7 0.2
Lat 10.26S 0.02 Lon 41.36E 0.01
Dep 13.9 0.7 Half-duration 5.3

Moment Tensor; Scale 10**25 D-CM
Mrr=-3.02 0.04 Mtt= 0.11 0.04
Mff= 2.91 0.04 Mrt= 0.29 0.12
Mrf=-1.24 0.14 Mtf=-0.57 0.04
Principal Axes:
T Val= 3.28 Plg=11 Azm= 79
N 0.00 1 349
P -3.28 79 255
Best Double Couple:Mo=3.3*10**25
NP1:Strike=170 Dip=34 Slip= -89
NP2: 348 56 -91

MZM 7.33 263 iPnc 12 53.90 -4.7X
iSn 14 12.90
CLK 8.08 230 iPn 13 05.10 -4.2X
iSn 14 29.80
TET 9.44 233 iPd 13 12.00 -16.0X
iS 14 50.00
NAI 10.31 333 iPd 13 37.00 -3.2X
3.0s 4200.00nm 7.3mb
MTD 11.38 236 iPnc 13 49.00 -5.8X
KRI 13.05 240 iPnc 14 10.00 -7.3X
iSn 16 20.00
BUL 15.59 231 iPnc 14 45.00 -5.6X
iSn 17 33.50
JOZ 18.96 206 iPc 15 31.50 -1.3
1.4s 1116.28nm 5.9mb
SLR 19.56 218 iPc+ 15 34.80 -5.4X
1.5s 1611.11nm 6.1mb
Z 19s 22.57um 3.5Msz
S 19 02.10
AAE 19.64 352 iP 15 41.50 0.2
BPI 20.04 217 eP 15 38.00 -7.3X
BFS 21.32 218 iPc 15 56.00 -2.5
SGH 21.89 3 ePd 16 04.00 -0.2
ATA 21.95 5 ePd 16 04.00 -0.7
KSU 21.96 3 ePd 16 05.00 0.2
ARO 21.99 4 iPd 16 05.00 -0.2
DAF 22.05 3 eP+ 16 08.00 2.2
VIR 22.15 216 iPc 16 04.70 -2.1
OBO 22.48 5 eP+ 16 15.00 5.0X
BNG 27.22 302 iPd 16 54.90 -0.3
0.9s 443.00nm 6.2mb
TRD 40.10 63 eP 18 44.50 -2.2
RMN 41.34 351 eP 18 58.50 1.8
HLW 41.34 347 iPd 18 58.00 1.3
iS 25 02.00
GBA 43.05 57 P 19 12.00 1.1
RTB 43.43 359 iPc 19 14.50 0.9
ipP 19 25.50 39kmX
ePPP 20 59.00
ePcP 21 10.50
e 24 05.00
eS 24 51.00
esS 25 11.00
eSS 27 03.00
eSSS 29 20.00
eScS 30 01.00
eLQ 33 20.00
eLR 36 35.00
e 37 14.00
BHD 43.68 4 iPc 19 17.00 1.3
iS 25 23.00
iSS 27 50.00
iScS 29 13.00
e 34 02.50
eLR 35 00.00
e 43 07.00
BHL 44.56 353 PKPd 19 24.00 1.0
pPKP 21 07.00
KER 44.99 7 ePd 19 37.50 11.0X
MDR 45.04 60 eP 19 28.00 1.0
eS 26 14.00
CSS 45.92 351 eP 19 35.00 1.3
HYB 46.03 53 iP 19 35.00 0.1
eS 26 05.00
MSL 46.72 2 iPc 19 41.50 1.6
i 19 52.50
IR2 46.84 11 iPd 19 42.20 1.1
TEH 47.00 11 eP 19 43.00 0.6
QUE 47.38 30 iPd- 19 46.50 1.0
ePP 19 57.00
eS 26 44.00

ELL 48.29 348 iPd 19 54.30 1.8
TAB 48.59 5 iPd 19 55.50 0.7
BCK 48.84 349 iPc 19 57.80 1.2
KIC 48.94 288 iPd 19 56.90 -0.8
YER 49.02 346 iPd 19 59.60 1.6
MHI 49.62 19 iPd- 20 03.00 0.2
e 21 46.00
e 22 20.00
eS 27 20.00
VIS 50.00 56 iP 20 03.00 -2.8
iS 27 19.00
IZM 50.47 346 iP 20 10.00 0.9
ATH 51.05 342 iPd 20 13.50 0.1
DST 51.31 347 iPd 20 15.60 0.1
KCT 51.98 347 iPd 20 20.80 0.3
EZN 52.05 345 iPc 20 21.40 0.4
YLV 52.08 348 iPd 20 21.80 0.5
NDI 52.13 41 iP 20 20.60 -1.2
eS 27 42.00
EDC 52.18 347 iPd 20 22.70 0.7
KGT 52.41 346 iPd 20 24.30 0.6
ISK 52.62 348 iPd 20 25.80 0.5
MFT 52.74 347 iPd 20 27.30 1.0
CTT 52.83 348 iPd 20 28.30 1.4
PAIG 52.86 343 ePd 20 27.00 -0.1
OUR 53.15 343 eP 20 29.60 0.4
LIT 53.38 342 ePd 20 30.00 -0.9
DMK 53.62 347 iPd 20 32.80 0.2
THE 53.72 343 iPd 20 33.60 0.2
SOH 53.78 343 ePd 20 34.00 0.1
DDI 53.79 40 eP 20 35.00 0.9
SRS 53.99 343 ePd 20 34.50 -0.9
KDZ 54.01 345 iPd 20 36.00 0.5
GRG 54.19 342 ePd 20 37.00 0.1
KNT 54.23 343 ePd 20 37.20 0.1
DIM 54.33 346 eP 20 38.00 0.1
VAY 54.47 343 iPd 20 38.80 -0.1
JMB 54.49 347 iPc 20 37.00 -2.1
PLD 54.61 345 iPd 20 39.00 -0.9
OHR 54.82 341 iPd 20 41.80 0.2
i 20 51.40
eS 28 14.50
LCI 55.11 338 iPd 20 43.50 -0.1
ePP 20 55.00
BOK 55.22 51 iP 20 42.00 -2.7
eS 28 23.00
PSN 55.31 348 eP 20 45.00 0.0
SKO 55.41 342 iPd 20 45.50 -0.3
1.7s 730.00nm 6.4mb
i 20 57.00
iS 28 20.00
PVL 55.47 346 iPd 20 39.00 -7.2X
VTS 55.47 344 iPd 20 38.00 -8.2X
BRT 55.86 338 iPd 20 49.00 0.1
ePP 20 59.00 33kmX
BSI 55.98 76 ePc 20 51.80 1.5
CGN 56.24 347 ePd 20 51.50 -0.2
TTG 56.51 340 i(P) 20 54.20 0.6
CAL 56.55 54 eP 20 55.00 0.8
DMN 56.83 47 iPd 20 55.60 -1.0
PKI 57.03 47 iPd 20 56.70 -1.4
KKN 57.06 47 iPd 20 57.10 -1.1
BRD 57.30 348 ePd 21 00.50 1.2
CMP 57.50 346 iPd 21 02.00 1.3
MLR 57.51 347 iPd 21 01.00 0.1
ODB 57.55 348 eP 21 03.00 2.0
DUI 57.58 336 eP 21 01.00 -0.2
VRI 57.71 348 iPd 21 02.00 -0.1
COZ 57.72 346 iPd 21 02.00 -0.4
CVO 57.78 347 iPd 21 02.00 -0.6
PPE 57.86 349 ePd 21 03.00 -0.1
CLO 57.88 345 iPd 21 06.00 2.7X
BEO 58.30 343 iP 21 06.50 0.3
iPcP 21 48.70
iPP 23 27.10
iPPP 24 53.70
ePSP 28 02.70
iS 29 10.90
eSS 33 08.70
eLQ 41 43.70
iLR 45 14.90
SYO 58.40 181 iP 21 07.20 0.6
TSI 58.57 79 ePd 21 11.30 2.7
AQU 58.59 336 iPd 21 07.50 -0.9
DEV 58.60 345 ePd 21 09.00 0.6
PSI 58.72 80 ePd 21 10.20 0.5
1.2s 120.90nm 5.9mb

MAW	58.74	171	eP	21 09.00	0.0
MNS	58.91	335	eP	21 10.50	0.0
KSH	59.22	31	iPd	21 13.00	0.1
			pP	21 23.00	33kmX
			S	29 21.00	
CVF	60.69	333	eP	21 22.10	-0.7
SHL	60.84	53	iP	21 24.00	-0.3
			eS	29 36.00	
BUD	61.13	343	iPd	21 24.40	-1.3
	1.5s	681.50nm			6.6mb
IPM	61.21	79	ePd	21 26.10	-0.8
	1.2s	230.40nm			6.2mb
			e	22 05.20	
PSZ	61.28	344	iPd	21 24.80	-2.0
	1.4s	204.40nm			6.1mb
TRI	61.29	338	iPd	21 26.20	-0.6
			iPcP	22 05.70	
			iPP	23 52.00	
			iPPP	25 14.00	
			iS	29 51.00	
			eSS	33 54.00	
			eSSS	36 46.00	
LJU	61.30	339	eP	21 26.50	-0.4
			e	21 37.50	
			e(pP)	22 08.50	180kmX
			e	22 23.00	
			eS	29 50.50	
TAF	61.31	319	iP	21 28.00	0.8
VOY	61.52	339	ePd	21 27.80	-0.7
			i(pP)	22 09.30	177kmX
JOS	61.63	344	iPd	21 28.70	-0.4
	1.4s	795.30nm			6.7mb
SRO	61.64	343	iPd	21 28.80	-0.3
	N 18s	4.50um			
	E 20s	4.10um			
			i	21 42.40	
			i	25 33.20	
			i(S)	29 56.00	
KHT	62.00	67	ePd	21 31.80	-0.3
SOP	62.06	341	iPd	21 31.20	-0.8
	1.5s	753.20nm			6.7mb
NNT	62.30	70	ePd	21 33.10	-1.0
			e	36 15.70	
ZST	62.34	342	iPd	21 33.40	-0.5
			i	21 44.80	
SPC	62.35	344	iPd	21 34.00	-0.1
			i	21 46.30	
LMR	62.37	332	eP	21 33.60	-0.5
CTI	62.37	337	iPd	21 33.80	-0.4
LSA	62.40	49	iPd	21 35.30	0.1
			ipP	21 45.70	34kmX
ALI	62.43	324	iP+	21 21.50	-13.1X
SAL	62.45	336	eP	21 35.00	0.4
FRF	62.48	332	eP	21 34.50	-0.3
	0.6s	98.60nm			6.2mb
LRG	62.53	332	eP	21 34.90	-0.2
	1.5s	326.40nm			6.3mb
FBA	62.61	339	iPd	21 35.00	-0.9
	1.2s	255.00nm			6.3mb
			i	21 43.00	
			i	30 47.40	
ALM	62.63	321	iPc	21 37.60	1.7
	2.7s	7.80nm			4.4mb X
			iPP	24 31.70	
			eS	31 26.70	
VKA	62.65	341	iPd	21 35.20	-0.7
	2.0s	1642.00nm			6.9mb
	Z 14s	3.40um			5.7MszX
			i	21 46.90	
			i	22 15.50	
			i	25 35.90	
KGM	62.83	82	ePc	21 37.30	-0.4
			e	22 26.00	
CDR	62.97	332	ePd	21 37.20	-0.9
			i	21 38.10	
			ipP	21 49.20	41kmX
			i	22 16.90	
			i	22 21.40	
			e	24 08.20	
			e	25 39.80	
KMR	63.18	340	iP-	21 39.10	-0.3
			ipP	21 50.30	37kmX
			i	22 33.20	
KRA	63.22	345	iPd	21 38.90	-0.7
	1.5s	976.00nm			6.8mb
	Z 20s	6.00um			5.8Msz
	N 20s	5.70um			

	E 20s	5.70um			
			i	21 50.50	
			i	21 53.00	
			eS	30 09.00	
OGA	63.29	337	iPd	21 39.90	-0.5
BHG	63.33	339	iPd	21 39.00	-1.4
OSS	63.48	336	eP+	21 41.40	-0.3
ORO	63.51	334	eP	21 40.00	-1.8
CRT	63.55	321	eP	21 43.50	1.4
VDL	63.59	336	eP+	21 42.20	-0.2
AVE	63.73	315	iP	21 44.50	1.2
			i	22 20.00	
MAL	63.77	320	iP-	21 43.00	-0.5
			iPP	24 16.00	
			iS	30 23.00	
CHTO	63.78	63	iPd	21 43.30	-0.6
GAP	63.78	338	iPd	21 42.40	-1.1
	1.4s	181.00nm			6.1mb
MMK	63.86	335	ePd	21 42.90	-1.3
LLS	64.09	336	ePd	21 44.60	-1.1
DIX	64.11	334	ePd	21 45.20	-0.7
SAX	64.26	336	ePd	21 46.00	-0.9
FUR	64.28	338	iPd	21 45.90	-0.8
	1.3s	315.00nm			6.3mb
	Z 15s	6.60um			5.9MszX
KHC	64.29	340	iPd	21 46.30	-0.5
	1.3s	502.00nm			6.5mb
	Z 14s	3.00um			5.6MszX
	N 14s	2.90um			
	E 16s	2.70um			
			e	21 58.00	
			e	25 53.00	
			S	30 24.00	
EMS	64.31	334	ePd	21 46.10	-1.0
WET	64.54	340	iRd	21 47.00	-1.4
	1.8s	459.00nm			6.4mb
	Z 17s	7.40um			5.9MszX
PRU	64.72	341	iPd	21 48.10	-1.4
	1.6s	270.00nm			6.2mb
	Z 16s	3.80um			5.7MszX
	N 17s	6.10um			
	E 14s	1.60um			
			i	21 59.50	
			eS	30 16.00	
MLS	64.75	328	iPd	21 49.40	-0.4
SFS	64.76	319	iPd	21 50.00	0.1
			ePP	24 20.00	
			iS	30 38.00	
ZUL	64.83	336	eP+	21 49.70	-0.6
KSP	64.94	343	iPd	21 50.00	-0.9
	1.4s	370.00nm			6.4mb
			ic	22 01.50	
SLE	65.02	336	ePd	21 51.00	-0.5
BBS	65.17	335	iP	21 52.40	-0.1
EPF	65.19	328	eP	21 52.50	-0.2
FEL	65.29	336	iP	21 52.60	-0.8
TOL	65.53	323	iPd	21 55.00	0.1
			ipP	22 08.00	45kmX
			iPP	24 00.00	
			ePPP	25 40.00	
			iS	30 44.00	
			ePS	31 50.00	
			eSS	35 40.00	
STU	65.56	337	iPd-	21 55.00	0.1
	1.5s	500.00nm			6.5mb
	Z 20s	5.67um			5.8Msz
JAU	65.57	328	Pd	21 55.80	0.6
GRF	65.58	339	iPd	21 54.10	-0.9
	1.5s	771.00nm			6.7mb
	Z 21s	6.20um			5.8Msz
			e	22 06.00	
ROF	65.59	335	iP	21 54.80	-0.4
LHE	65.61	327	Pd	21 55.95	0.5
SNA	65.67	195	iPd	21 56.00	0.7
	1.3s	742.31nm			6.7mb
CAF	65.67	330	eP	21 55.90	0.2
BRG	65.68	341	iPd	21 54.70	-0.9
	1.4s	380.00nm			6.4mb
			i	22 06.00	
			eS	30 48.00	
			P'P'	50 37.00	
ESCF	65.70	327	Pd	21 56.20	0.3
PLDF	65.71	332	iPd	21 56.30	0.3
OGE	65.71	328	Pd	21 56.35	0.4
BSF	65.76	335	eP	21 55.50	-0.8
ATE	65.77	327	Pd	21 56.80	0.4
ISSF	65.78	327	Pd	21 57.15	0.6

PYM	65.83	332	iPd	21 58.00	1.2
BUH	65.86	337	iPd	21 56.00	-0.9
MADF	65.87	327	P	21 58.15	1.1
HOF	65.88	340	eP	21 54.80	-2.1
	1.6s	265.00nm			6.2mb
ECH	65.91	336	iP	21 56.80	-0.4
LPO	65.93	330	eP	21 57.60	0.3
	1.0s	93.70nm			5.9mb
CDF	66.02	336	eP	21 56.70	-1.3
HAU	66.08	335	eP	21 57.30	-1.0
SMF	66.12	333	eP	21 57.90	-0.6
RJF	66.22	330	eP	21 59.10	0.0
MOX	66.25	340	iPd	21 59.00	-0.3
	2.2s	850.00nm			6.5mb
	Z 16s	7.10um			6.0MszX
	N 16s	5.10um			
	E 15s	4.00um			
			i	22 10.00	
			ePP	24 28.00	
			eS	30 45.00	
			eSS	35 15.00	
			eP'P'	50 36.00	
			e	50 44.50	
LBF	66.31	333	eP	21 58.90	-0.9
LGR	66.32	326	iPd	22 01.50	1.6
LFF	66.34	330	eP	22 00.10	0.2
GWF	66.34	336	iPd	21 59.50	-0.4
CLL	66.36	341	iPd	21 59.10	-0.8
	1.6s	580.00nm			6.5mb
	Z 17s	5.50um			5.8MszX
			eS	30 52.00	
			P'P'	50 32.00	
MZF	66.37	332	eP	22 00.30	0.1
VITF	66.40	335	iP	22 00.00	-0.2
AVF	66.45	332	eP	22 00.10	-0.5
BGF	66.51	332	eP	22 00.90	-0.1
LOR	66.58	333	eP	22 00.80	-0.7
	0.6s	160.60nm			6.4mb
SSF	66.58	333	eP	22 00.60	-0.9
TCF	66.60	331	eP	22 01.70	0.1
LSF	66.90	331	eP	22 03.30	-0.2
GRC	66.95	333	iPd	22 04.00	0.2
			i	22 15.30	
TNS	67.03	338	iPd	22 03.20	-1.1
BRN	67.25	342	iPd	22 05.80	0.2
WLF	67.47	336	Pd	22 07.00	0.0
			e	22 18.00	
			S	31 10.00	
MTE	67.95	322	ePd	22 10.00	-0.3
MFF	67.96	330	eP	22 10.20	0.1
LIS	67.97	319	iPd	22 11.60	1.2
MTH	68.10	319	ePd	22 12.70	1.5
BNS	68.10	337	iPd	22 11.30	0.3
	1.7s	790.00nm			6.6mb
MEM	68.27	337	Pd	22 12.20	0.2
			e	22 23.90	
			e	24 42.70	
PLH	68.27	337	ePd	22 12.10	0.1
COI	68.37	321	iPd	22 13.00	0.1
ENN	68.43	337	iPd	22 13.00	0.0
	1.2s	509.00nm			6.6mb
			ipP	22 25.20	41kmX
			e	22 49.50	
DOU	68.43	335	P-	22 13.10	0.0
	Z 14s	0.80um			5.1MszX
			e	22 23.00	
			S	31 21.00	
WMQ	68.51	34	iPd	22 14.00	0.2
			pP	22 25.00	36kmX
			sP	22 29.00	
			ScP	26 35.00	
			iS	31 18.00	
			sS	31 36.00	
PTO	69.04	322	iP	22 17.00	0.1
			iS	31 26.00	
WTS	69.07	338	iPd	22 17.30	0.4
			epP	22 28.50	37kmX
UCC	69.07	336	Pd+	22 17.90	0.9
			e	22 29.00	
HAM	69.19	340	iPd	22 29.00	11.4X
LDF	69.37	332	eP	22 18.30	-0.5
LPF	69.40	331	eP	22 18.60	-0.4
KMI	69.46	58	iPd	22 19.50	-0.7
	3.0s	1.30nm			3.6mb X
			pP	22 29.00	30kmX
GRR	69.56	331	eP	22 19.40	-0.6
FLN	69.65	332	eP	22 20.00	-0.6

14d 18h

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        0.6s   104.20nm              6.2mb
DBN    69.77 337 iP-    22 20.00  -1.2
    Z  20s     3.50um                5.6Msz
                 ipP    22 31.00  36kmX
                 i      23 22.00
                 iS     31 34.00
WIT    69.78 338 eP     22 22.00   0.8
                 e      22 33.50
TRT    70.24  94 ePd    22 24.20  -0.6
       1.5s   421.90nm              6.3mb
FUL    70.25 310 ePd    22 33.00   8.5X
COP    70.30 343 iPd    22 24.20  -0.2
       1.1s   455.70nm              6.5mb
    Z  20s     4.43um                5.7Msz
                 i      22 34.00
                 iS     31 38.00
MUN    71.62 120 iPd    22 33.20   0.2
    Z  20s    12.00um                6.2Msz
MUD    71.93 342 iPd    22 34.20   0.0
       1.3s   888.00nm              6.7mb
                 i      22 45.00
BAL    72.08 119 eP     22 35.00  -0.8
NUR    72.09 351 iP     22 35.00   0.0
       1.0s   510.00nm              6.6mb
    Z  16s     4.70um                5.9MszX
                 i      22 45.00
                 ePP    25 16.00
                 ePPP   27 22.00
                 eS     31 56.00
                 eSS    36 44.00
                 LR     04 04.00
NWAO   72.47 121 iPc    22 38.20   0.2
CD2    72.58  53 iPd    22 38.20  -0.5
                 pP     22 49.00  35kmX
                 PP     25 30.00
                 PPP    27 20.00
                 S      31 59.00
UPP    72.73 348 iPd    22 37.90  -1.0
                 i      22 48.70
                 iPP    25 11.00
                 iS     32 00.00
KLB    72.95 120 iPd    22 40.90   0.0
GYA    73.23  58 Pd     22 42.00  -0.7
                 pP     22 52.00  32kmX
                 S      32 07.00
OIZ    73.55  67 iPd    22 44.00  -0.5
                 pP     22 54.50  34kmX
                 sP     22 58.50
HFS    73.86 346 iPd    22 44.50  -1.0
       1.3s   664.40nm              6.5mb
SUF    74.01 353 iP     22 45.70  -0.6
ECP    74.74 332 iPd    23 03.10  12.5X
       1.3s  1155.00nm
ECP    74.74 332 iPd    22 51.00   0.4
       1.5s  1595.00nm              6.8mb
LZH    74.81  48 iP     22 52.50   0.8
       2.0s  1834.00nm              6.8mb
    E  15s     2.50um
                 pP     23 00.50  26kmX
                 sP     23 03.00
                 eS     32 21.00
                 sS     32 46.00
ETA    75.00 332 iPd    23 04.90  12.7X
       1.3s   735.00nm
ETA    75.00 332 iPd    22 52.70   0.5
       1.5s  1230.00nm              6.7mb
ECB    75.05 332 iPd    23 05.10  12.6X
       1.3s  1100.00nm
ECB    75.05 332 iPd    22 53.00   0.5
       1.4s  1285.00nm              6.8mb
NB2    75.26 345 P      22 52.80  -0.8
       1.5s  1437.80nm              6.8mb
KJF    75.27 354 iP     22 53.20  -0.3
       1.0s   516.00nm              6.5mb
    Z  18s     4.50um                5.8Msz
                 i      23 04.00
                 ePP    25 48.00
                 eS     32 32.00
                 eSS    36 56.00
                 LR     00 30.00
KMY    75.40 342 iP+    22 53.50  -0.8
EKA    75.48 336 Pc     22 55.90   1.0
       1.3s   184.60nm              6.0mb
MBL    75.54 109 iPc    22 55.80  -0.2
DLE    75.54 333 iPd    22 55.90   0.6
       1.6s  1000.00nm              6.6mb
ODD    75.57 343 iP     22 56.50   1.1
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DCN    75.91 332 iPd    22 58.30   0.9
KLG    76.16 119 eP     22 59.00  -0.4
BER    76.32 342 iPd    23 00.00   0.5
VAL    76.44 330 iP     23 01.10   0.8
                 S      32 50.00
MKS    77.33  93 iPc    23 04.80  -1.4
                 eS     32 56.40
XAN    77.82  52 iPd    23 08.30  -0.2
                 PcP    23 19.00
                 PP     26 07.00
                 S      32 58.00
                 PS     33 46.50
GZH    77.88  64 iPd    23 10.00   1.1
                 pP     23 20.00  32kmX
                 PP     26 12.00
                 S      33 04.00
                 sS     33 23.00
                 SS     38 10.00
HKC    78.38  65 eP     23 12.00   0.3
                 eS     33 09.00
SOD    78.46 354 iP     23 10.80  -0.5
ITR    78.53 263 eP     23 12.10  -0.7
       1.7s   156.30nm              5.8mb
                 e      23 22.30
                 e      23 47.20
                 e      24 12.80
                 e      26 33.40
PPR    79.50  78 ePd    23 19.00   1.0
SPA    79.51 180 iPd    23 18.30   1.0
    Z  18s    12.94um                6.3Msz
KUPT   80.59  99 eP     23 26.00   2.2
KEV    80.75 355 iP     23 24.00   0.5
       1.0s   290.00nm              6.2mb
    Z  18s     2.40um                5.6Msz
                 i      23 35.20
                 ePP    26 36.00
                 e      30 04.00
                 eS     33 32.00
                 eSS    38 56.00
                 LR     04 40.00
SOB1   80.87 262 iPd    23 26.30   0.9
       1.3s   250.00nm              6.1mb
                 e      23 33.00
                 ipP    23 37.80  38kmX
                 e      23 47.30
WHN    80.97  57 Pd     23 26.40   0.9
                 PcP    23 33.00
                 PP     26 38.00
                 iS     33 37.00
                 SKS    33 39.00
                 PS     34 32.00
BTO    81.07  46 iPd    23 27.00   1.0
                 sP     23 41.00
WBN    81.11 115 iPd    23 26.40  -0.1
       1.2s   341.00nm              6.3mb
TRO    81.52 352 eP     23 28.00   0.4
TIY    81.79  49 iPd    23 30.00   0.2
                 S      33 40.00
HHC    82.26  46 iPd    23 33.60   1.4
                 pP     23 43.50  31kmX
                 PP     26 46.00
BAG    82.74  72 ePd-   23 35.00  -0.2
       1.7s   623.08nm              6.5mb
                 eS     33 54.00
OCP    82.81  74 eP     23 43.00   7.7X
MAN    82.81  74 eP     23 36.60   1.2
QZH    83.00  63 iPd    23 37.00   0.8
                 pP     23 47.00  32kmX
                 PP     26 55.00
                 S      33 56.00
                 SS     39 28.00
DRV    83.77 157 eP     23 40.50   1.2
VAO    84.48 248 eP     23 45.40   1.5
                 e      23 56.60
                 e      24 01.00
KNA    84.66 105 iPd    23 44.80   0.1
       1.1s   380.00nm              6.5mb
TIA    84.88  52 Pd     23 46.10   0.6
                 S      34 05.00
                 PS     35 00.00
NJ2    85.09  56 iPd    23 46.50  -0.1
                 pP     23 57.00  33kmX
                 PP     27 04.00
                 S      34 08.00
BJI    85.31  48 eP     23 47.50   0.0
    Z  17s     3.10um                5.8MszX
    N  20s     2.50um
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    E  17s     1.90um
                 epP    24 00.00  41kmX
                 eSKS   34 04.00
                 S      34 19.00
                 ePS    35 26.00
                 eSS    40 06.00
AAS    85.32 208 eP-    23 47.00  -0.2
    Z  16s     5.10um                6.0MszX
DAV    85.58  82 eP     23 48.00  -1.4
                 eS     34 10.00
ANP    85.63  64 eP     23 51.00   1.4
AAI    86.16  93 ePc    23 51.00  -1.4
       1.5s   241.20nm              6.2mb
BAO    86.65 255 iPd    23 56.60   1.8
                 i      24 00.10
                 i      24 02.60
SBA    86.70 170 iPd    23 55.40   1.6
SSE    86.77  58 PKPc-  23 55.10   0.1
       1.5s   407.00nm              6.4mb
                 pPKP   24 05.00
                 SKKS   34 35.00
                 PP     37 32.00
                 SS     47 05.00
MTN    87.41 103 eP     23 58.00  -0.4
AKU    87.67 339 iP     23 59.30   0.8
       1.7s   292.31nm              6.3mb
ASPA   88.07 114 iPd    24 01.30  -0.2
       1.9s   500.00nm              6.5mb
                 e      33 30.00
DL2    89.05  50 P      24 03.50  -2.2
                 sP     24 16.50
WRA    89.16 110 Pc     24 07.20   0.5
       1.1s   173.30nm              6.2mb
WB2    89.17 110 iPd    24 06.50  -0.2
ADE    89.91 125 iPc    24 10.10   0.0
       0.7s    34.25nm              5.7mb
KBS    90.75 355 eP+    24 13.40   0.5
SNY    91.18  48 iPd    24 14.70  -0.9
                 sP     24 29.00
                 SKS    34 47.00
                 S      35 08.00
                 PS     36 28.00
LPA    91.58 234 eP-    24 20.00   2.4
    Z  20s    14.18um                6.4Msz
BFD    92.40 128 eP     24 22.00   0.6
CN2    92.95  46 Pd     24 21.60  -2.1
                 pP     24 32.00  32kmX
                 sP     24 36.00
STK    92.98 123 iPc    24 24.10  -0.1
DAG    93.71 348 iPc    24 25.10  -1.4
       1.1s    46.84nm              5.8mb
TAU    94.26 135 iPd    24 30.20   0.4
                 eS     37 12.00
MDJ    96.03  46 Pd     24 36.00  -1.8
                 pP     24 47.00  35kmX
                 PP     28 30.00
                 SKS    35 07.00
                 S      35 47.00
                 sS     36 10.00
                 PS     37 18.00
YOU    97.78 127 eP     24 45.40  -0.7
                 i      24 56.50
CAN    97.93 128 eP     24 47.10   0.3
JAY    98.66  94 ePc    24 49.00  -1.4
CTA   100.04 113 iPdiff25 04.00    7.4X
                 iPP    29 13.00
                 iSKS   35 34.00
                 iSP    37 58.00
                 eSS    43 30.00
                 iSSS   46 57.00
MDZ   100.85 233 ePdiff25 03.70    3.6X
GDH   101.56 339 ePdiff25 10.00    7.8X
                 i      29 28.00
                 i      38 30.00
ALE   102.21 352 ePdiff25 04.40   -0.5
       1.2s    72.00nm              6.2mb
                 pP     25 16.70
LPB   105.29 250 ePdiff25 25.00    4.5X
                 LR     39 00.00
GUA   105.39  79 e(Pdif25 07.40  -13.1X
MBC   113.52 355 ePKP   29 48.00  -0.3
NNA   114.71 252 ePKP   29 52.70   0.2
       1.1s    15.19nm
    Z  20s     1.42um                5.6Msz
HNR   115.70 106 ePKP   29 45.00  -9.3X
BOG   115.87 270 ePKP   30 09.00  13.9X
                 eS     40 42.00
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BRW	118.27	7	iPKPc	29	57.90	0.4
			i	30	08.70	
PSO	118.46	266	ePKP	30	00.00	-0.1
BLA	121.59	307	ePKP	30	04.50	-0.4
	1.1s	82.28nm				
UPA	121.87	274	ePKP	30	05.50	-0.5
INK	122.24	358	ePKPd	30	04.20	-0.9
	1.3s	195.00nm				
			pP	30	17.00	
IMA	123.61	7	ePKP	30	08.10	0.0
			e	30	19.10	
PRM	123.74	304	ePKP	30	08.00	-1.1
			e	39	56.50	
LHC	124.26	322	ePKPd	30	09.00	-0.6
	1.2s	138.00nm				
GCM	124.26	286	ePKP	30	10.00	-0.5
YKC	125.33	347	ePKP	30	10.00	-1.2
	1.2s	90.00nm				
YKA	125.34	347	ePKP	30	11.40	0.1
COL	125.36	5	iPKPd	30	10.30	-1.0
	1.3s	134.62nm				
	Z 19s	3.47um			6.0Msz	
			i	30	21.60	
			e	32	00.00	
FBA	125.36	5	PKP	30	09.50	-1.8
RSON	125.63	327	PKP	30	11.50	-0.8
	Z 22s	7.41um			6.3Msz	
CHI	125.71	314	PKP	30	12.00	-0.7
TTA	126.24	10	ePKP	30	13.40	0.2
			e	30	24.60	
FFC	127.32	334	iPKPd	30	14.40	-1.0
	1.6s	129.00nm				
TOA	128.25	5	ePKP	30	17.10	0.1
PME	128.45	6	iPKPc	30	17.70	0.4
	Z 20s	3.00um			6.0Msz	
			e	30	28.80	
			e	32	20.90	
PMR	128.48	6	PKP	30	16.60	-0.7
FVM	129.05	311	ePKP	30	18.80	-0.4
GIE	130.70	260	iPKP	30	23.60	0.6
KDC	131.72	10	ePKP	30	22.80	-0.8
			e	30	35.20	
EDM	132.87	340	iPKPd	30	25.70	-0.3
	1.7s	563.00nm				
RLO	133.13	310	ePKPd	30	26.00	-1.0
BHO	133.65	308	ePKPd	30	28.00	0.0
SES	134.26	336	ePKPc	30	27.60	-1.2
	1.7s	804.00nm				
YKM	137.31	338	iPKPc	30	35.20	0.4
LDM	137.50	337	iPKPc	30	35.20	0.2
CLY	137.63	337	iPKP-	30	35.90	0.4
LHD	137.75	337	iPKPc	30	35.80	0.2
PNT	138.27	341	ePKP	30	36.00	-0.4
	1.3s	207.00nm				
			pP	30	48.00	
NEW	138.33	338	ePKP	30	31.00	-5.6X
NEW	138.33	338	ePKP	30	37.00	0.4
	Z 18s	9.00um			6.6Msz	
			e	33	24.00	
LRM	138.38	332	ePKP	30	27.40	-9.6X
GLD	138.52	320	PKP	30	30.00	-7.4X
GDL	138.64	320	PKP	30	30.00	-7.7X
	Z 22s	3.53um			6.1Msz	
JCT	138.91	305	ePKP	30	29.00	-9.1X
	Z 18s	5.50um			6.3Msz	
AFI	139.06	126	e(PKP)	30	24.00	-14.8X
			e	33	40.00	
			e	34	28.00	
			e	51	44.00	
			e	52	16.00	
			e	56	56.00	
BDW	139.15	327	PKP	30	38.00	-0.5
	1.1s	58.82nm				
BDW	139.15	327	ePKP	30	28.80	-9.7X
			i	30	37.00	
TPM	140.96	287	ePKPd	30	36.00	-6.3X
IIC	141.05	288	ePKP	30	40.00	-2.6X
III	141.41	286	ePKPd	30	38.00	-5.1X
OXM	141.51	288	iPKPd	30	38.00	-5.5X
ALQ	142.00	315	ePKP	30	38.00	-5.8X
	Z 18s	7.73um			6.5Msz	
LTX	142.45	305	PKP	30	39.00	-5.6X
	Z 22s	5.05um			6.2Msz	
BMN	144.75	331	iPKPd	30	47.50	-0.7
EUR	144.87	329	iPKP	30	48.00	-0.6
MIN	146.74	336	ePKPd	30	51.60	0.1
MNA	146.77	330	ePKPd	30	52.70	1.1
WCN	146.82	333	PKP	30	53.00	1.3
WDC	146.91	337	ePKPd	30	51.50	-0.1
			ePP	34	28.80	
FHC	147.24	339	e(PKP)	30	50.00	-2.2
ORV	147.37	335	ePKPd	30	52.50	0.1
JAS1	148.25	332	ePKPd	30	54.90	1.1
CWC	148.26	328	ePKP	30	56.00	1.9
GSC	148.39	325	ePKP	30	55.00	0.7
			e	34	25.00	
CLC	148.46	326	ePKP	30	55.00	0.7
VPEM	148.48	327	PKP	30	56.40	1.9X
FRI	148.66	330	ePKPd	30	55.50	1.0
			ePP	34	29.00	
GLA	148.73	319	ePKP	30	56.00	1.2
TPC	148.79	322	ePKP	30	56.00	1.1
			e	34	32.00	
ISA	149.05	327	ePKP	30	56.00	0.7
			e	34	35.00	
BKS	149.09	334	iPKPc	31	01.80	6.6X
			i	31	18.90	
			e	31	51.80	
			iPP	34	39.00	
			iSKS	38	06.00	
			iPPS	47	49.00	
			eLQ	12	30.00	
ARN	149.23	333	ePKP	30	57.30	1.9
			i	31	01.00	
MHC	149.28	333	ePKPd	30	57.30	1.7
SBB	149.41	325	iPKPd	30	57.50	1.6
			e	34	38.00	
LLA	149.55	331	ePKP	30	57.50	1.6
RVR	149.66	324	ePKP	30	57.00	0.9
SAO	149.67	332	ePKP	31	02.00	5.9X
GCC	149.70	333	ePKPd	30	57.70	1.6
PRI	149.80	330	ePKPd	30	58.50	2.1X
			ePP	34	37.30	
MWC	149.88	325	ePKP	30	58.00	1.3
PRS	149.98	331	ePKPd	30	58.00	1.4
BAR	150.14	321	ePKP	30	58.00	1.1
SLBC	150.29	322	ePKP	30	59.60	2.5X
VAH	152.84	161	iPKP	31	03.40	2.2X
	1.4s	195.00nm				
			ipP	31	10.80	
RUV	152.97	161	iPKP	31	03.70	2.3X
	1.4s	100.00nm				
			ipP	31	11.00	
PMO	152.97	160	iPKP	31	03.90	2.5X
	1.4s	100.00nm				
			ipP	31	11.00	
TPT	153.08	160	iPKP	31	04.00	2.4X
	1.4s	140.00nm				
			ipP	31	11.20	

S.D. = 0.9 on 355 of 405 obs.

* MAY 14, 1985 18h 24m 24.75± 0.72s
20.077 S ±10.0km 177.712 W ±11.1km
DEPTH = 575.2 ± 6.3 km
5.1mb (7 obs.)
FIJI ISLANDS REGION (181)

KRO	3.88	315	iP	25	48.10	-0.1
SVA	4.11	298	ePc	25	49.30	-0.5
VUN	4.16	299	ePc	25	49.30	-0.8
MBU	4.58	312	iP	25	53.80	0.4
SGE	4.82	300	iPc	25	55.00	-0.3
NDF	5.13	296	eP	25	58.20	0.5
YSA	5.60	306	iP	26	01.30	-0.4
AFI	8.36	44	P	26	28.00	0.5
			S	28	03.00	
NOU	14.94	259	IPc	27	35.00	2.4
KOU	16.90	265	iPd	27	53.10	1.5
MNG	21.29	194	eP	28	32.00	-0.5
COO	29.31	243	iPc	29	44.10	0.6
CAN	32.97	236	eP	30	14.10	-0.3
YOU	33.14	238	eP	30	15.40	-0.4
WAM	33.34	234	eP	30	18.50	1.1
CTA	33.80	264	iPd	30	21.20	-0.2
	0.6s	61.33nm			5.4mb	
CMS	34.59	243	eP	30	28.00	0.1
PMG	35.52	282	iPd	30	35.00	-0.6
	0.8s	89.55nm			5.4mb	
LAT	36.73	286	eP	30	45.00	-0.6
STK	38.22	244	iPc	30	58.60	1.0
MDC	38.43	288	eP	31	00.00	0.6
TZZ	42.54	285	eP	31	32.00	-0.4
JAY	44.17	288	ePd	31	44.70	-0.4
ASPA	44.88	256	iPd	31	50.30	-0.3
	1.0s	79.00nm			5.2mb	
WB2	44.92	262	iPd	31	49.80	-1.0
WRA	44.93	262	Pc	31	50.20	-0.7
	0.5s	20.50nm			4.9mb	
MTN	49.43	270	iPc	32	33.70	8.7X
	0.6s	29.00nm			5.0mb	
WBN	51.28	252	iPd	32	37.80	-0.7
	0.5s	43.00nm			5.1mb	
MEK	58.38	251	iPc	33	26.30	-1.7
KLB	58.47	245	iPd	33	28.10	-0.5
NWAO	58.80	243	iPd	33	30.50	-0.2
BAL	59.48	246	iPd	33	34.70	-0.5
MUN	59.75	244	iPc	33	37.00	0.0
MAT	70.03	323	eP	34	41.00	0.0
	0.7s	15.07nm			4.6mb	
KGM	80.34	276	ePd	35	39.40	1.1
IPM	83.38	277	ePd	35	55.30	1.7
KSP	147.37	343	iPKP	43	07.50	5.5X
			e	50	30.00	
CLL	147.71	347	ePKP	43	07.00	4.5X
	1.2s	25.00nm				
			i	43	12.50	
BRG	147.92	346	iPKP	43	08.90	6.1X
	1.0s	16.00nm				
PRU	148.60	345	PKP	43	10.50	6.6X
MOX	148.61	349	ePKP	43	10.00	6.1X
MEM	149.39	355	PKP	43	13.00	8.0X
GRA2	149.61	348	ePKP	43	13.60	8.1X
	0.8s	7.00nm				
KHC	149.63	345	iPKPd	43	13.20	7.6X
	0.9s	12.00nm				
DOU	149.99	357	PKP	43	14.50	8.5X
WLF	150.32	355	PKP	43	15.50	9.0X

S.D. = 0.9 on 35 of 46 obs.

* MAY 14, 1985 18h 44m 25.65± 0.81s
43.009 N ±10.8km 144.943 E ±15.0km
DEPTH = 72.2 ± 7.5 km
4.4mb (3 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (I JMA) at Kushiro and Nemuro.

KUS	0.40	266	eP	44	39.00	1.1
			iS	44	46.80	
NEM	0.57	56	Pc	44	39.00	-0.5
			S	44	47.30	
TSK	7.75	210	eP	46	16.10	-1.8
MAT	8.28	221	eP	46	25.00	-0.3
	0.7s	21.92nm			5.0mb	
DDR	8.29	214	eP	46	26.30	0.8
			S	47	52.80	
BJI	21.70	272	eP	49	11.50	-0.4
WRA	63.39	191	Pd	54	50.60	1.0
	0.9s	2.20nm			4.2mb	
SUF	63.87	333	iP	54	51.30	-1.0
ASPA	67.12	191	eP	55	14.00	0.4
NB2	69.70	338	P	55	28.60	-0.6
	0.7s	2.60nm			4.3mb	
KHC	78.81	330	eP	56	23.20	1.3

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

? MAY 14, 1985 18h 45m 06.05± 5.57s
10.202 S ±21.3km 42.266 E ±59.3km
DEPTH = 10.0km (geophysicist)
NORTHWEST OF MADAGASCAR (574)

MZM	8.20	262	iPn	47	08.70	0.8
			iSn	48	24.10	
CLK	8.95	232	iPnd	47	19.80	1.3
			iSn	48	40.30	
TET	10.32	234	eP	47	36.00	-1.2
			eSn	49	15.00	
			eSg	50	04.00	
MTD	12.27	237	iPn	48	03.00	-0.9
			eSn	50	03.00	
			eLg	51	09.00	
KRI	13.95	240	iPn	48	25.00	-1.3
			iSn	50	41.00	
BUL	16.46	232	iPn	49	00.40	1.5
BCAO	27.75	300	e(P)	50	57.00	-0.1
			e	51	06.50	

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

MAY 14, 1985 18h 50m 34.98± 0.43s
33.074 S ± 6.2km 72.078 W ± 5.9km
DEPTH = 33.0km (normal)

14d 18h

4.9mb (10 obs.) 4.8Msz (1 obs.)
OFF COAST OF CENTRAL CHILE (134)
Felt (II) at Santiago.

ROCH	0.90	84	iPd	50	52.00	0.5
LNV	1.04	148	iPc	50	52.00	-1.2
TACH	1.12	121	iPc	50	54.50	0.2
PEL	1.17	94	iPd-	50	56.70	1.5
SAN	1.25	108	iPd	50	57.00	0.8
			iS	51	15.00	
BACH	1.36	102	iPd	50	59.10	1.2
PCH	1.42	113	iPc	50	59.70	0.9
CHCH	1.47	126	ePc	50	59.40	0.0
MDZ	2.72	87	eP	51	21.30	3.9X
			iS	51	36.30	
RTCB	3.20	61	ePc	51	27.10	2.9X
			S	52	18.30	
RTCV	3.23	69	ePc	51	27.20	2.6X
			S	52	18.20	
ZON	3.26	63	eP	51	28.00	3.0X
			eS	52	23.00	
RFA	3.45	120	ePc	51	28.70	0.9
			S	52	16.40	
RTLL	3.52	61	ePc	51	30.60	1.9
			S	52	18.80	
CFA	3.56	67	ePc	51	31.80	2.4
			S	52	26.50	
TCA	6.58	77	ePd	52	10.10	-1.9
			S	53	32.20	
CYA	7.11	51	iPd	52	17.00	-2.4
			S	53	50.00	
FSA	8.74	39	e(P)	52	40.00	-2.0
			S	54	35.00	
ANT	9.45	9	e(P)	52	54.00	2.2
SLA	10.12	36	ePd	53	05.00	3.8X
			S	55	14.00	
ARE	16.55	2	eP	54	26.00	-0.5
LPB	16.86	13	P	54	35.00	4.5X
	1.5s	222.22nm			5.1mb	
ZOBO	17.11	13	e(P)	54	34.00	0.2
NNA	21.44	347	eP	55	22.50	0.0
	1.2s	32.81nm			4.6mb	
Z	20s	4.26um			4.8Msz	
VAO	24.27	72	eP	55	49.30	-1.1
			e	55	51.00	
BAO	27.87	57	Pc	56	22.50	-1.4
			i	56	25.10	
			e	56	31.50	
SOB1	37.29	58	eP	57	44.00	-1.9
	1.0s	4.60nm			4.3mb	
			e(pP)	57	50.00	20kmX
			e	57	56.20	
ITR	39.37	60	eP	58	01.80	-1.5
			e	58	06.60	
			e	58	12.90	
			e	58	41.90	
SNA	52.45	156	eP	59	44.50	-1.7
SPA	57.10	180	iPc	00	19.70	-0.7
	1.0s	24.00nm			5.2mb	
TPM	57.83	330	iPd	00	28.00	2.1
OXM	58.38	329	ePd	00	32.00	2.1
JCT	68.44	334	iP	01	36.00	0.3
	1.0s	20.00nm			5.2mb	
LTX	68.91	331	ePc	01	38.30	-0.5
	1.0s	8.00nm			4.7mb	
RSCP	69.48	348	eP	01	41.00	-1.0
BHO	70.43	340	eP	01	42.70	-5.1X
TUL	72.13	340	eP	01	56.20	-1.8
	1.3s	37.00nm			5.2mb	
RLO	72.15	341	eP	01	57.50	-0.6
KIC	74.82	72	eP	02	14.20	0.0
ALQ	74.95	331	eP	02	15.00	0.2
	1.2s	15.63nm			4.9mb	
RSSD	82.17	337	eP	02	54.00	0.1
	1.0s	6.00nm			4.6mb	
BMN	84.19	327	e(P)	03	04.80	0.5
RSON	85.72	346	eP	03	11.00	-0.5
	1.0s	12.00nm			5.1mb	
LRM	86.61	333	eP	03	16.90	0.6
BUL	87.73	112	eP	03	22.00	-0.2
KRI	90.38	110	eP	03	34.00	-0.8
MTD	91.96	111	eP	03	24.00	-18.0X
WRA	121.55	209	PKPd	09	32.20	5.0X
	0.5s	1.00nm				
MHI	140.37	71	ePKP	09	56.00	-6.6X
QUE	145.15	83	ePKP	10	11.20	0.1
GBA	146.15	118	PKPc	10	13.20	0.3
	1.1s	28.90nm				
PSI	148.62	163	iPKPd	10	20.40	3.4X
	1.0s	38.00nm				
KGM	148.80	171	ePKPc	10	17.00	-0.3
HYB	149.34	113	iPKPc	10	22.00	4.0X
	1.2s	57.10nm				
IPM	150.93	166	ePKPc	10	24.90	4.4X
WMQ	160.91	50	PKP	10	33.50	1.1
GTA	170.90	44	PKP	10	41.70	1.1
			e	12	00.00	
TIA	171.80	295	ePKP	10	41.80	0.9
S.D. = 1.3 on 45 of 58 obs.						

? MAY 14, 1985 19h 35m 07.95± 1.28s
10.994 S ±24.9km 40.679 E ±17.3km
DEPTH = 10.0km (geophysicist)
4.0mb (1 obs.)
TANZANIA (573)

MZM	6.56	267	iPn	36	46.90	0.0
			iSn	38	04.00	
			iSg	38	45.20	
CLK	7.24	229	iPn	36	57.20	0.6
			iSn	38	16.30	
TET	8.60	233	eP	37	16.00	0.6
			eSn	38	49.00	
			iSg	39	49.00	
MTD	10.54	236	iPn	37	40.00	-2.2X
			eSn	39	41.00	
			eSg	40	41.00	
KRI	12.20	240	iPn	38	02.00	-3.0X
			iSn	40	16.00	
BUL	14.75	230	iPn	38	37.40	-1.3
			eLg	42	55.00	
CHTO	64.63	63	e(P)	45	48.50	0.1
	0.8s	0.92nm			4.0mb	
S.D. = 1.1 on 5 of 7 obs.						

* MAY 14, 1985 19h 41m 57.47± 0.65s
14.252 S ± 7.3km 165.995 E ±12.4km
DEPTH = 33.0km (normal)
4.8mb (5 obs.)
VANUATU ISLANDS (186)

KOU	6.48	194	iPc	43	31.80	-1.3
			iS	44	46.50	
HNR	7.61	308	eP	43	43.00	-6.0X
SVO	7.89	309	eP	43	52.00	-0.9
VSG	7.91	308	eP	43	52.00	-1.1
NOU	8.03	177	iPc	43	54.50	-0.2
			iS	45	23.00	
RMQ	20.20	230	eP	46	34.00	1.6
CMS	25.21	224	eP	47	23.00	1.1
STK	28.39	228	iPc	47	51.80	0.9
WB2	30.74	255	eP	48	10.80	-1.3
WRA	30.75	255	Pd	48	10.10	-2.1
	0.6s	1.30nm			3.9mb	
PSI	68.54	279	ePc	52	59.20	-0.2
CN2	68.61	330	eP	52	58.70	-0.6
BJI	71.12	322	eP	53	14.50	-0.2
XAN	72.46	313	eP	53	24.50	1.6
KMI	73.01	302	eP	53	28.00	1.5
CHTO	73.76	295	eP	53	31.30	0.6
	1.1s	5.30nm			4.5mb	
CD2	74.74	308	eP	53	37.10	0.8
COL	86.28	18	eP	54	36.00	-0.8
PKI	88.39	299	eP	54	48.80	0.6
	0.6s	5.00nm			5.0mb	
KKN	88.56	299	eP	54	49.50	0.6
	0.6s	5.00nm			5.0mb	
DMN	88.65	299	eP	54	50.20	0.8
	0.6s	8.00nm			5.2mb	
BMN	89.3S	48	e(P)	54	47.80	-4.5X
YKA	97.69	27	eP	55	29.70	-0.1
SOB1	144.58	130	e(PKP)	01	32.00	-1.3
ITR	146.69	132	ePKP	01	39.60	2.8X
			e	01	44.50	
S.D. = 1.1 on 22 of 25 obs.						

MAY 14, 1985 19h 54m 42.20± 0.23s
10.705 S ± 4.4km 41.345 E ± 4.3km
DEPTH = 10.0km (geophysicist)
5.4mb (57 obs.) 5.1Msz (1 obs.)
NORTHWEST OF MADAGASCAR (574)
Felt in Cobo Delgodo Province, Mozombique.

MZM	7.24	265	iPn	56	29.40	-1.2
			iSn	57	44.20	
CLK	7.93	231	iPn	56	39.20	-1.2
			iSn	58	00.80	
TET	9.29	234	iP	56	57.00	-2.2
			iS	58	33.00	
NAI	10.40	334	iPd	57	10.50	-4.2X
	2.0s	1294.12nm			7.0mb	X
MTD	11.24	236	iPn	57	23.00	-3.1X
			iSn	59	20.00	
			iSg	00	28.00	
KRI	12.91	241	iPn	57	45.00	-3.8X
			iSn	00	00.00	
BUL	15.44	231	iPnd	58	20.00	-1.9
			iSn	01	01.00	
EVA	19.52	215	iPd	59	12.30	-0.7
	1.0s	190.00nm			5.3mb	
AAE	19.77	352	eP	59	16.00	0.1
BPI	19.88	217	eP	59	12.00	-4.9X
	0.9s	290.76nm			5.6mb	
VIR	21.99	216	iPd	59	38.80	0.3
	1.0s	280.00nm			5.6mb	
ARO	22.14	4	iP+	59	40.00	0.1
BNG	27.23	302	iPd	00	28.90	0.4
	0.7s	82.00nm			5.6mb	
			i	01	05.00	
SHI	41.54	15	eP	02	32.00	0.3
GBA	43.19	57	Pc	02	45.70	0.4
	1.1s	32.00nm			5.0mb	
HYB	46.18	53	eP	03	09.00	0.3
IR2	46.99	11	eP	03	17.00	1.5
QUE	47.54	30	eP	03	21.00	0.9
TAB	48.74	5	eP	03	30.00	0.8
KIC	48.91	288	eP	03	31.30	0.6
MHI	49.78	19	iPd	03	36.80	-0.4
DST	51.43	347	eP	03	50.60	1.0
YLV	52.20	348	iPd	03	56.20	0.7
EDC	52.31	347	iP	03	54.70	-1.5
DMK	53.74	347	eP	04	06.60	-0.2
KDZ	54.13	345	iPd	04	09.00	-0.6
VAY	54.58	343	iP	04	12.70	-0.3
JMB	54.61	347	iPd	04	11.00	-2.2
OHR	54.93	341	eP	04	15.30	-0.4
SKO	55.52	342	iPd	04	19.80	0.0
VTS	55.59	344	iP	04	20.00	-0.2
DMN	56.99	47	eP	04	29.00	-1.9
	0.7s	17.00nm			5.2mb	
PKI	57.18	47	eP	04	30.50	-1.9
	0.8s	15.00nm			5.1mb	
KKN	57.22	47	eP	04	30.50	-2.0
	0.8s	15.00nm			5.1mb	
CMP	57.62	346	ePc	04	27.00	-7.8X
MLR	57.63	347	ePd	04	35.00	0.0
DUI	57.68	336	e(P)	04	36.00	0.8
VRI	57.83	348	eP	04	36.00	-0.2
CLO	57.99	345	eP	04	37.00	-0.4
PSI	58.82	80	ePd	04	42.50	-1.2
MNS	59.01	336	eP	04	24.50	-19.9X
CVF	60.78	333	eP	04	56.90	0.2
	1.0s	20.80nm			5.2mb	
SHL	60.99	53	eP	04	58.00	-0.6
PSZ	61.40	344	e(P)d	04	59.00	-1.9
TRI	61.40	338	eP	05	00.70	-0.1
VOY	61.63	339	eP	05	01.70	-0.8
JOS	61.75	344	iPd	05	02.80	-0.3
	1.0s	50.40nm			5.6mb	
SRO	61.75	343	iP	05	02.90	-0.2
SOP	62.17	341	iPd	05	05.60	-0.4
	1.1s	46.80nm			5.6mb	
ZST	62.46	342	iP	05	05.00	-2.9
			e	05	16.60	
LMR	62.46	332	eP	05	08.60	0.7
	1.1s	18.00nm			5.2mb	
CTI	62.47	337	eP	05	08.00	-0.2
LSA	62.55	48	Pd	05	08.70	-0.7
FRF	62.57	332	eP	05	09.40	0.7
	1.0s	25.00nm			5.4mb	
LRG	62.62	332	eP	05	09.90	0.9
	1.0s	20.80nm			5.3mb	
KBA	62.72	339	iPd	05	09.50	-0.4
	1.0s	32.40nm			5.5mb	
			i	05	18.00	
KRA	63.34	345	ePd	05	12.70	-0.9
	1.1s	76.00nm			5.8mb	
			i	05	23.50	
OGA	63.39	337	eP	05	13.90	-0.4
	1.3s	22.00nm			5.2mb	

OSS	63.58	337	eP+	05	15.70	0.1
ORO	63.60	334	eP	05	15.00	-0.6
CHTO	63.92	63	ePd	05	16.50	-1.5
	0.9s	8.10nm			4.9mb	
LLS	64.19	336	eP+	05	19.00	-0.6
DIX	64.21	334	eP+	05	19.50	-0.3
SAX	64.36	336	eP+	05	20.10	-0.7
KHC	64.40	340	iPd	05	19.50	-1.2
	1.0s	32.00nm			5.5mb	
		e		05	30.00	
		e		05	46.50	
EMS	64.40	334	eP+	05	20.40	-0.6
WET	64.65	340	eP	05	20.70	-1.6
	1.0s	16.00nm			5.2mb	
PRU	64.83	341	Pd	05	22.10	-1.3
		e		05	56.00	
KSP	65.05	343	iPc	05	24.30	-0.6
		id		05	34.80	
SLE	65.12	336	eP+	05	25.10	-0.3
EPF	65.27	328	eP	05	27.20	0.8
	1.0s	12.00nm			5.0mb	
TOL	65.59	323	eP	05	29.50	1.0
GRF	65.69	339	iPd	05	28.10	-0.9
	1.1s	45.00nm			5.6mb	
CAF	65.76	330	eP	05	30.60	1.1
	1.2s	42.80nm			5.5mb	
BRG	65.79	341	iP	05	28.40	-1.2
	1.2s	32.00nm			5.4mb	
		i		05	39.10	
PLDF	65.80	332	iPc	05	30.70	0.9
BSF	65.86	335	eP	05	30.20	0.0
	1.1s	37.90nm			5.5mb	
PYM	65.92	332	iPc	05	32.10	1.5
BUH	65.96	337	ePd	05	30.60	-0.1
LPO	66.01	330	eP	05	32.20	1.1
CDF	66.12	336	eP	05	31.50	-0.4
	0.9s	14.40nm			5.2mb	
HAU	66.18	335	eP	05	32.10	0.0
	1.0s	24.60nm			5.4mb	
SMF	66.21	333	eP	05	32.70	0.4
	1.0s	36.80nm			5.5mb	
RJF	66.30	330	eP	05	33.90	1.0
	1.1s	26.30nm			5.3mb	
MOX	66.36	340	iP	05	32.50	-0.7
	1.2s	28.00nm			5.3mb	
		e		05	43.00	
LBF	66.40	333	eP	05	33.70	0.1
	1.2s	41.30nm			5.5mb	
LFF	66.42	330	eP	05	34.50	0.8
	1.1s	22.60nm			5.3mb	
GWF	66.44	336	eP	05	33.40	-0.4
MZF	66.46	332	eP	05	35.10	1.1
	1.2s	42.40nm			5.5mb	
CLL	66.47	341	iPd	05	33.00	-0.9
	1.4s	39.00nm			5.4mb	
		i		05	43.00	
AVF	66.54	333	eP	05	34.90	0.5
	1.0s	40.40nm			5.6mb	
BGF	66.60	332	eP	05	35.60	0.8
	1.0s	37.30nm			5.5mb	
LOR	66.67	333	eP	05	35.50	0.2
	1 0s	52.80nm			5.7mb	
SSF	66.67	333	eP	05	35.40	0.1
	1 0s	20.80nm			5.3mb	
TCF	66.69	332	eP	05	36.40	0.9
	1 0s	53.70nm			5.7mb	
LSF	66.98	331	eP	05	38.10	0.8
	1.1s	34.80nm			5.5mb	
GRC	67.04	333	ePd	05	37.90	0.3
WLF	67.57	336	Pc	05	41.20	0.3
		e		05	51.30	
MFF	68.04	330	eP	05	44.90	1.0
	1.1s	19.50nm			5.2mb	
MEM	68.37	337	P	05	46.80	0.9
		e		05	57.80	
DOU	68.53	336	Pc	05	47.00	0.1
		e		05	58.00	
WMO	68.67	34	P	05	47.50	-0.5
UCC	69.17	336	Pc	05	51.60	0.8
LDF	69.46	332	eP	05	53.00	0.4
	1.0s	44.00nm			5.6mb	
LPF	69.48	331	eP	05	53.40	0.6
	1.1s	40.60nm			5.5mb	
KMI	69.60	58	eP	05	54.00	-0.3
GRR	69.65	331	eP	05	54.10	0.3
	1.0s	38.40nm			5.5mb	
FLN	69.74	332	eP	05	54.60	0.2
	1.0s	36.00nm			5.5mb	
MUD	72.04	342	iPc	06	08.60	0.5
	1.0s	60.00nm			5.6mb	
		i		06	19.00	
NUR	72.22	351	iP	06	09.00	-0.1
	0.9s	50.70nm			5.6mb	
Z	18s	0.90um			5.1Msz	
		i		06	19.20	
		LR		55	00.00	
CD2	72.73	53	eP	06	12.00	-0.8
UPP	72.86	348	iP	06	12.00	-0.8
		i		06	22.60	
GYA	73.37	58	P	06	16.00	-0.8
GTA	73.65	43	P	06	18.20	0.1
HFS	73.98	346	eP	06	18.50	-0.9
	0.9s	23.90nm			5.2mb	
SUF	74.14	353	iP	06	19.90	-0.4
	0.7s	42.80nm			5.6mb	
KONO	74.61	344	iP	06	23.00	-0.1
ECP	74.82	332	iPd	06	24.90	0.5
	1.0s	100.00nm			5.8mb	
ECP	74.82	332	iPc	06	35.40	11.0X
	1.8s	65.00nm				
LZH	74.97	48	eP	06	26.00	0.1
ETA	75.09	332	iPd	06	26.60	0.6
	1.1s	85.00nm			5.7mb	
ETA	75.09	332	iPc	06	37.30	11.3X
	1.0s	45.00nm				
ECB	75.14	332	iPd	06	27.00	0.8
	1.0s	65.00nm			5.6mb	
ECB	75.14	332	iPc	06	37.40	11.2X
	1.0s	80.00nm				
NB2	75.37	345	P	06	27.00	-0.5
	1.0s	31.70nm			5.3mb	
KJF	75.40	354	iP	06	27.00	-0.5
	0.8s	46.90nm			5.6mb	
		i		06	37.00	
EKA	75.58	336	P	06	29.00	0.3
	0.6s	9.90nm			5.1mb	
BER	76.43	343	eP	06	33.40	0.0
XAN	77.97	52	eP	06	42.60	0.0
GZH	78.01	64	P	06	44.20	1.3
ITR	78.43	263	eP	06	46.90	1.4
		e		07	08.80	
SOD	78.60	354	iP	06	45.30	0.1
SPA	79.37	180	iPd	06	52.30	2.5
	1.1s	41.67nm			5.4mb	
		e		07	02.50	
KEV	80.88	355	iP	07	08.80	11.3X
	0.7s	21.40nm				
TIY	81.94	49	eP	07	03.70	-0.1
HHC	82.41	46	eP	07	07.40	1.2
VAO	84.35	248	eP	07	20.90	4.4X
TIA	85.03	52	eP	07	19.90	0.4
BJI	85.46	48	eP	07	22.00	0.5
BAO	86.54	255	Pc	07	30.80	3.3X
		i		07	40.80	
ASPA	88.08	114	eP	07	43.00	8.2X
WRA	89.18	110	Pc	07	40.40	0.3
	0.9s	7.10nm			4.9mb	
WB2	89.19	110	eP	07	40.20	0.1
BRW	118.42	7	ePKP	13	31.30	0.3
		e		13	41.90	
INK	122.38	358	ePKPc	13	38.40	-0.2
		pP		13	49.00	
IMA	123.76	7	ePKP	13	42.00	0.4
		e		13	53.00	
YKC	125.45	346	ePKP	13	45.00	0.3
	0.7s	8.00nm				
YKA	125.46	347	ePKP	13	45.00	0.2
COL	125.51	5	ePKP	13	44.00	-0.8
PME	128.60	6	ePKP	13	51.90	1.1
		e		14	02.60	
GLD	138.58	320	ePKP	13	56.30	-14.4X
JCT	138.93	304	ePKP	14	10.00	-1.4
	1.0s	15.00nm				
LTX	142.47	305	e(PKP)	14	09.50	-8.4X
		e		14	14.00	
BMN	144.84	331	iPKPd	14	22.00	0.4
	1.0s	40.00nm				
		e		14	29.30	
		i		14	33.00	
EUR	144.95	329	iPKP	14	22.10	0.1
	0.2s	52.47nm				
MIN	146.84	336	e(PKP)	14	25.90	0.9
MNA	146.85	330	e(PKP)	14	26.50	1.5
		i		14	39.50	
ORV	147.47	335	e(PKP)	14	27.50	1.7
GSC	148.46	324	ePKP	14	30.00	2.4
CLC	148.54	326	ePKP	14	31.00	3.3X
GLA	148.79	319	ePKP	14	33.00	4.9X
TPC	148.85	322	ePKP	14	30.00	1.8
ISA	149.13	327	ePKP	14	30.00	1.4
SBB	149.49	325	ePKP	14	31.00	1.8
RVR	149.72	323	ePKP	14	35.00	5.5X
MWC	149.95	324	ePKP	14	36.00	5.9X
BAR	150.20	321	ePKP	14	37.00	6.7X
	S.D. = 0.9	on 147 of 167 obs.				

MAY 14, 1985 20h 45m 44.85± 0.32s
36.286 N ± 6.4km 73.391 E ± 5.6km
DEPTH = 33.0km (normal)
4.6mb (12 obs.)
NORTHWESTERN KASHMIR (720)

KSH	3.77	32	eP	46	47.00	4.9X
			ipP	46	53.00	
			eS	47	39.00	
QUE	8.13	223	eP	47	42.00	-1.6
NDI	8.24	156	ePn	47	44.00	-1.0
			eSn	49	11.00	
MHI	11.22	274	eP	48	24.00	-2.0
KKN	13.16	127	iPd	48	47.10	-5.1X
DMN	13.17	128	iPd	48	47.90	-4.5X
WMQ	13.28	51	(P)	48	51.20	-2.4
PKI	13.39	127	iP	48	50.20	-5.2X
	0.5s	28.00nm			5.5mb	
SHL	19.09	119	eP	50	00.70	-7.0X
HYB	19.34	165	eP	50	11.00	0.5
			eS	53	33.00	
GTA	21.07	74	P	50	28.80	0.2
GBA	22.88	170	Pc	50	47.90	1.3
	0.5s	10.10nm			4.6mb	
CD2	25.80	93	P	51	15.90	1.3
CHTO	28.44	121	eP	51	39.30	0.6
GYA	29.93	100	eP	51	51.60	-0.6
NNT	33.44	128	eP	52	22.50	-0.3
BJI	33.61	70	eP	52	22.00	-2 1
TIA	35.04	77	eP	52	37.40	0 8
MLR	36.57	300	eP	52	52.00	2.5
SUF	39.13	328	iP	53	10.70	0.1
	0.7s	4.80nm			4.4mb	
NUR	39.13	324	iP	53	11.00	0 4
BRG	44.27	309	e(P)	53	56.00	3.2X
HFS	44.42	322	eP	53	53.30	-0 6
	0.6s	5.30nm			4.6mb	
NB2	45.71	323	P	54	03.60	-0.6
	0.8s	2.90nm			4.3mb	
SMF	51.57	305	eP	54	50.30	0.5
	1.1s	4.80nm			4.4mb	
SSF	51.69	305	eP	54	51.00	0.4
AVF	51.86	305	eP	54	52.40	0.5
MZF	52.52	304	eP	54	57.70	0.7
	1.3s	11.30nm			4.7mb	
TCF	52.75	304	eP	54	59.30	0.6
	1.0s	3.70nm			4.3mb	
LSF	53.22	305	eP	55	01.10	-1.0
GRR	54.17	308	eP	55	09.00	0.0
MLS	54.53	301	eP	55	11.10	-0.6
DAG	55.50	344	iPc	55	18.00	-0.4
	0.7s	6.85nm			4.8mb	
MBC	67.45	3	eP	56	39.00	0.2
	0.8s	31.00nm			5.5mb	
INK	73.81	10	eP	57	17.00	-0.3
COL	74.12	17	eP	57	19.00	-0.2
	0.9s	9.66nm			4.8mb	
WRA	80.25	123	Pd	57	54.50	0.6
	0.7s	2.10nm			4.2mb	
WB2	80.26	123	eP	57	54.50	0.5
YKA	81.35	4	eP	58	00.30	1.3
YKC	81.37	4	eP	58	00.00	0.9
	S.D. = 1.1	on 34 of 40 obs.				

• MAY 14, 1985 21h 09m 47.77± 1.14s
36.324 N ±10.0km 27.029 E ±10.3km
DEPTH = 33.0km (normal)
DODECANESE ISLANDS (369)
ML 3.8 (ATH).

YER	1.29	51	iPnd	10	09.50	-0.2
NPS	1.56	228	ePn	10	13.50	-0 1
			eSn	10	35.00	
IZM	2.08	5	ePn	10	22.00	1.0
PRK	2.98	349	ePn	10	33.00	-0.8

14d 21h

ATH	3.12	303	ePn	10	36.00	0.3
			eSg	11	28.00	
EZN	3.54	351	ePn	10	40.40	-1.3
EDC	4.07	9	ePn	10	50.00	0.7
OHR	6.82	316	eP	11	28.50	0.3

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

MAY 14, 1985 21h 39m 04.74± 0.19s
3.768 N ± 3.7km 128.581 E ± 4.6km
DEPTH = 42.5km (5 depth phases)
5.4mb (18 obs.)
NORTH OF HALMAHERA (264)

DAV	4.45	318	eP	40	12.00	0.4
			iS	41	03.00	
CGP	6.05	320	eP	40	33.50	-0.6
AAI	7.41	183	eP	40	51.00	-2.2
PPR	11.46	302	ePd	41	54.00	5.2X
KKM	12.53	281	ePc	42	05.20	2.0
MKS	12.75	226	iPd	42	06.00	0.0
			eS	46	44.00	
QCP	13.09	326	eP	42	29.00	18.4X
JAY	13.63	117	ePc	42	17.40	-0.3
BAG	14.82	329	eP	42	38.50	5.0X
			eS	45	30.00	
TZZ	15.49	125	eP	42	42.00	-0.1
MTN	16.70	171	eP	42	59.00	1.6
			eS	46	12.00	
PJG	18.81	58	eP	43	29.40	5.9X
MDG	19.37	117	eP	43	21.50	-8.6X
KNA	19.39	179	iPc	43	19.00	-11.3X
	0.8s	400.00nm				
TRT	19.57	234	ePc	43	33.00	0.8
	0.7s	73.40nm			5.1mb	
MOM	19.68	107	eP	43	33.00	-0.4
LAT	21.10	119	eP	43	48.00	-0.1
PMG	22.67	125	iPc	44	02.00	-1.7
HKC	23.12	324	e(P)	44	10.00	1.9
QZH	23.14	336	eP	44	09.00	0.7
			S	48	12.00	
LMG	23.22	123	iPd	44	10.20	0.9
GZH	24.21	324	Pd	44	18.80	0.2
			S	48	38.00	
WRA	24.23	167	Pd	44	18.90	0.0
	0.9s	102.60nm			5.4mb	
WB2	24.24	167	iPd	44	18.20	-0.8
			eS	48	38.30	
KGM	25.29	267	ePc	44	30.70	1.6
			e	44	42.90	49km
ALOA	25.81	123	eP	44	35.00	1.0
ISQ	26.61	157	eP	44	41.00	-0.2
IPM	27.49	273	ePd	44	49.90	0.5
			e	48	08.20	
ASPA	27.76	169	iPd	44	50.90	-0.8
			eS	49	28.00	
NAU	29.11	205	eP	45	04.00	0.2
PSI	29.63	269	ePc	45	08.20	-0.4
	1.0s	24.20nm			4.9mb	
			eS	51	50.50	
WBN	29.79	184	iPd	45	10.40	0.4
WHN	29.83	335	eP	45	11.00	0.8
NNT	29.84	289	eP	45	09.80	-0.7
GYA	30.82	319	P	45	18.80	-0.4
SHK	30.85	7	eP	45	16.30	-2.9
KHT	31.51	292	eP	45	25.00	-0.2
MEK	31.72	197	iPc	45	25.80	-1.2
KMI	32.68	313	Pc	45	35.00	-0.6
			sP	45	47.50	
MAT	33.80	14	iPd	45	42.20	-2.7
	0.8s	35.07nm			5.3mb	
TIA	33.97	343	eP	45	45.80	-0.6
MPWA	34.95	199	iPc	45	54.10	-0.8
XAN	35.24	331	iPc	45	56.30	-1.1
DL2	35.54	351	eP	46	01.70	1.9
CD2	35.73	322	P	46	01.10	-0.5
BAL	36.01	198	iPc	46	03.50	-0.4
KLB	36.64	196	iPc	46	08.90	-0.3
MUN	37.44	197	eP	46	15.00	-0.9
STK	37.55	162	iPd	46	16.80	0.0
BJI	37.81	344	eP	46	17.50	-1.4
NWAO	38.05	196	iPc	46	21.20	0.3
LZH	39.43	328	Pc	46	34.00	1.3
	1.5s	138.00nm			5.5mb	
			pP	46	45.00	39km
CN2	39.96	356	Pd	46	38.00	1.2
HHC	39.97	340	eP	46	37.00	0.0
BTO	40.30	338	eP	46	41.00	1.2
SHL	41.35	305	iP	46	48.20	-0.5
YOU	42.20	155	iPd	46	55.80	0.5
CAN	43.35	155	eP	47	06.00	1.3
LSA	43.81	310	eP	47	08.00	-1.0
			eS	53	37.00	
GTA	44.03	328	P	47	11.00	0.7
			PP	48	51.70	
			eS	53	39.00	
WAM	44.05	156	iPd	47	11.60	1.3
NOU	45.18	127	iPc	47	18.00	-1.6
PKI	47.46	304	eP	47	37.40	-0.6
	0.6s	12.00nm			5.1mb	
KKN	47.65	305	eP	47	39.00	-0.3
	1.0s	74.00nm			5.6mb	
DMN	47.72	304	eP	47	39.60	-0.4
	0.8s	46.00nm			5.5mb	
HYB	50.84	289	eP	48	04.00	0.2
GBA	51.40	284	Pc	48	06.70	-1.2
	1.1s	43.50nm			5.4mb	
WMQ	53.76	324	P	48	25.00	-0.3
			pP	48	36.00	37km
			S	55	56.00	
NDI	54.65	303	iPc	48	29.60	-2.3
	0.6s	20.00nm			5.3mb	
MSZ	59.67	148	P	49	07.10	0.0
MNG	61.53	141	P	49	18.50	-1.5
QUE	63.69	302	iP	49	34.00	-0.8
			eS	58	08.00	
ADK	65.90	34	eP	49	47.40	-0.9
MHI	70.96	307	iPc	50	20.40	0.1
	0.9s	73.95nm			5.7mb	
			e	50	33.00	43km
SHI	76.03	299	eP	50	50.00	-0.1
TTA	80.03	27	eP	51	12.10	0.8
KDC	80.92	32	eP	51	16.50	0.6
BRW	81.56	18	eP	51	20.20	1.2
TAB	81.59	308	eP	51	22.00	1.9
IMA	81.60	24	iPd	51	20.60	1.0
AVY	82.58	250	eP	51	23.60	-2.0
PME	83.08	28	eP	51	27.20	0.1
	0.8s	42.80nm			5.6mb	
			e	51	40.40	45km
COL	83.90	25	eP	51	31.00	-0.2
	0.8s	15.30nm			5.1mb	
S8A	84.12	172	eP	51	23.10	-9.0X
TOA	84.46	28	eP	51	35.60	1.4
INK	89.46	22	eP	51	57.00	-1.3
SOD	91.13	338	iP	52	05.50	-0.6
KJF	91.35	335	iP	52	09.00	1.9
	0.8s	22.00nm			5.6mb	
MBC	91.51	13	eP	52	08.00	0.3
NAI	91.86	269	eP	52	24.00	13.3X
SUF	92.35	333	iP	52	09.70	-2.0
	0.8s	6.00nm			5.1mb	
NUR	93.56	331	eP	52	17.00	-0.3
NUR	93.56	331	iP	52	28.80	11.5X
	0.7s	13.30nm				
SPA	93.74	180	eP	52	19.80	1.6
	1.0s	11.50nm			5.3mb	
VRI	95.54	317	eP	52	27.00	0.2
MLR	96.15	316	eP	52	30.00	0.2
UPP	97.11	332	iP	52	35.00	1.5
			i	52	44.00	28kmX
DAG	97.47	353	iPd	52	33.30	-1.6
	0.3s	5.19nm			5.5mb	
YKA	98.70	25	eP	52	41.40	0.7
VAY	99.46	313	eP	52	43.00	-1.6
NB2	99.57	334	P	52	42.60	-2.2
	0.9s	9.90nm			5.3mb	
PRU	102.27	323	ePdiff	53	08.70	11.7X
BRG	102.30	324	iPdiff	53	09.20	12.1X
	1.0s	16.00nm				
CLL	102.39	325	e(Pdif	53	01.00	2.2X
			e	53	10.00	
KHC	103.17	322	ePdiff	53	03.80	2.7X
			e	53	13.20	
			e	56	17.50	
JCT	122.63	50	ePKP	57	58.00	-0.1
	0.9s	14.71nm				
KIC	132.32	282	e(PKP)	58	18.10	1.0
LNV	144.66	151	iPKPc	58	39.10	0.1
TACH	145.14	151	iPKPd	58	40.50	0.6
PCH	145.37	151	ePKP	58	41.40	1.0
SAN	145.43	151	ePKP	58	41.50	1.1
BACH	145.60	151	iPKPd	58	42.20	1.4
ROCH	145.65	150	ePKP	58	42.00	0.9
PEL	145.67	151	iPKPd	58	42.30	1.4
FCH	145.71	151	ePKP	58	43.00	1.7
BBJ	146.34	48	ePKP	58	43.50	1.2
MOZ	146.76	153	ePKP	58	46.10	3.4X
UPA	149.24	66	ePKP	58	51.20	4.2X
TCA	149.90	157	ePKPc	58	53.60	5.9X
LPB	159.28	129	ePKP	59	21.00	20.0X
ITR	166.16	248	ePKP	59	06.60	-0.6
SOB1	168.23	242	e(PKP)	59	08.00	-0.7
			e	59	13.00	
			e	59	23.00	
			e	00	17.20	
			e	00	19.50	
			e	00	30.20	

S.D. = 1.1 on 105 of 122 obs.

MAY 14, 1985 22h 51m 16.85± 1.03s
14.337 N ± 8.2km 146.023 E ± 7.5km
DEPTH = 78.4 ± 9.7 km
4.7mb (11 obs.)
MARIANA ISLANDS (216)

GUA	1.34	234	eP	51	40.10	-0.3
GUMO	1.35	237	eP	51	40.70	0.2
			eS	51	59.00	
PJG	1.35	237	eP	51	40.70	0.2
MAT	23.19	344	eP	56	16.00	-1.5
	1.1s	16.46nm			4.4mb	
BAG	24.62	278	eP	56	32.00	0.4
DL2	32.58	323	eP	57	42.10	-0.7
WHN	33.27	304	eP	57	49.00	0.1
TIA	33.80	315	eP	57	52.70	-0.7
WB2	35.95	199	eP	58	11.70	-0.1
WRA	35.95	199	Pc	58	10.80	-1.1
	0.5s	3.90nm			4.6mb	
BJI	36.57	320	eP	58	16.00	-0.9
TIY	37.79	314	P	58	27.60	0.3
GYA	38.66	294	P	58	36.60	1.8
XAN	38.83	307	P	58	35.40	-0.6
ASPA	39.59	198	eP	58	42.00	-0.3
HHC	39.95	318	Pd	58	45.80	0.5
BTO	40.84	317	eP	58	52.00	-0.5
KMI	41.97	292	eP	59	03.50	1.3
CD2	42.07	300	P	59	03.30	0.6
LZH	43.44	308	eP	59	15.50	1.6
	1.5s	50.00nm			5.1mb	
GTA	47.53	311	P	59	46.90	0.5
SHL	51.80	291	iP	00	18.40	-0.9
LSA	52.66	296	eP	00	26.60	0.5
WMQ	57.44	313	P	00	59.50	-0.5
PKI	57.62	294	eP	01	01.50	-0.3
	0.6s	5.00nm			4.8mb	
KKN	57.74	294	eP	01	02.40	0.0
	0.9s	13.00nm			5.0mb	
DMN	57.89	294	eP	01	03.10	-0.5
	0.6s	10.00nm			5.1mb	
INK	73.26	23	eP	02	39.00	-2.0
MBC	77.28	14	eP	03	03.00	-0.8
MHI	78.91	305	eP	03	15.00	1.4
YKA	81.68	28	eP	03	27.90	0.3
YKC	81.75	28	eP	03	30.00	2.1
PNT	82.08	41	eP	03	30.00	0.0
	0.7s	5.00nm			4.5mb	
ARN	83.36	53	e(P)	03	38.00	1.1
NEW	83.93	42	eP	03	40.00	0.4
BMN	85.88	49	eP	03	50.80	1.2
	0.8s	2.65nm			4.3mb	
EUR	87.06	50	iP	03	56.00	0.5
	0.5s	4.26nm			4.8mb	
SES	87.12	39	eP	03	55.00	-0.3
LRM	87.68	43	eP	03	58.50	0.1
KJF	88.85	337	eP	04	06.00	2.7X
SUF	90.23	336	iP	04	07.50	-2.3
	0.8s	4.00nm			4.7mb	
FFC	90.58	33	eP	04	11.50	0.0
	0.8s	4.00nm			4.7mb	
BDW	90.63	45	eP	04	12.80	0.5
NUR	92.05	335	eP	04	11.00	-7.2X
KIC	144.45	303	ePKP	10	45.40	-1.3

S.D. = 1.0 on 43 of 45 obs.

MAY 14, 1985 23h 36m 14.38± 0.59s
2.843 S ± 8.2km 138.989 E ± 6.6km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
WEST IRIAN (201)

JAY	1.74	79	ePd	36	40.80	-2.0

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TZZ      3.28 137 iP     37 04.00   -0.7
MOM      8.44  85 eP     38 18.00    0.6
LAT      8.83 116 eP     38 23.00    0.2
PMG     10.41 129 eP     38 45.50    1.0
MTN     12.62 218 iPd    39 13.20   -1.2
KNA     16.30 217 eP     40 03.00    0.4
WB2     17.59 195 eP     40 15.30   -3.5X
                  i      40 19.70
                  eS     43 26.20
WRA     17.59 195 P      40 18.00   -0.8
        0.6s     6.60nm          3.9mb
ISQ     17.77 178 eP     40 21.00    0.0
                  eS     43 34.00
CTA     18.55 158 iPc    40 36.20    5.6X
        1.0s    27.50nm          4.4mb
                  iS     44 23.00
ASPA    21.28 193 iPd    40 59.70   -0.7
                  eS     44 56.00
YOU     32.48 165 eP     42 44.50    0.4
CAN     33.62 165 eP     43 02.60    8.5X
WAM     34.42 166 eP     43 01.30    0.4
PSI     40.43 277 ePd    43 52.00    0.4
        0.7s    11.80nm          4.7mb
BJI     47.53 336 eP     44 48.50    0.0
GBA     63.19 287 Pd     46 40.80   -1.2
        0.5s     4.10nm          4.8mb
SBA     76.39 174 e(P)   48 04.20    2.5
MHI     83.22 307 iPd    48 40.20    0.9
KIC    143.69 277 ePKP   55 45.00   -3.8X
ARE    144.30 123 ePKP   55 48.00   -2.1X
LPB    147.03 127 ePKP   55 58.00    3.2X
     S.D. = 1.1  on  17 of  23 obs.

&  MAY  14, 1985  23h 42m 59.00s
   34.220 N          119.600 W
   DEPTH =  18.0km
 SOUTHERN CALIFORNIA                ( 43)
     <PAS-P>. ML 3.2 (PAS).

SBC      0.24 337 eP     43 03.80   -0.8
                  eS     43 09.70
SYP      0.44 314 iPc    43 07.40   -0.6
BLP      0.74 297 iP     43 12.70   -0.4
WKTM     1.84  31 eP     43 31.30    1.3
SDW      2.12  79 e(P)   43 37.50    3.2
        5 obs. ossocioted

*  MAY  15, 1985  00h 04m 34.45± 1.06s
    8.444 S ±16.8km  119.908 E ±13.7km
   DEPTH = 194.5 ± 15.4 km
   4.3mb (  4 obs.)
 FLORES ISLAND REGION               (286)

MKS      3.23 352 iPc    05 27.00   -0.1
                  i(S)   06 08.60
TRT      7.24 275 ePc    06 18.70    0.1
ANA     11.30 131 eP     07 11.00   -0.6
                  eS     09 11.00
MTN     11.86 113 iPd    07 19.00    0.2
                  eS     09 22.00
NAU     14.65 196 eP     07 01.00  -52.8X
WRA     18.05 131 Pc     08 33.20   -0.7
        0.6s    10.10nm          4.4mb
WB2     18.06 131 eP     08 33.40   -0.6
                  eS     11 51.80
WBN     18.71 161 eP     08 45.00    4.3X
        0.5s    16.00nm          4.8mb
ASPA    20 22 140 eP     08 58.00    1.9
                  eS     11 33.00
PSI     23.67 297 e(P)   09 31.00    1.2
CHTO    34.07 323 iP     11 04.00    1.6
        0.5s     2.30nm          4.1mb
GBA     47.51 297 Pd     12 49.90   -2.3
PKI     48.96 318 eP     13 02.70   -0.8
        0.6s     6.00nm          4.2mb
     S.D. = 1.4  on  11 of  13 obs.

   MAY  15, 1985  00h 32m 08.75± 0.69s
   43.006 N ± 7.1km    0.732 W ± 4.9km
   DEPTH =  14.0 ±  3.1 km
 PYRENEES                           (378)
     ML 3.4 (LDG).

ISSF     0.05 296 Pc     32 11.28   -0.4
ATE      0.08  15 Pc     32 12.54    0.7
                  S      32 15.98
LHE      0.12 139 Pc     32 11.10   -1.3
ESCF     0.14  58 Pc     32 13.35    0.9
                  S      32 17.34
MADF     0.15 334 Pc     32 13.46    0.8
                  S      32 17.93
BOH      0.23 295 Pc     32 13.48   -0.5
OGE      0.25  49 Pc     32 15.39    1.0
JAU      0.27  83 Pc     32 15.13    0.4
                  S      32 20.37
EPF      0.79  88 Pg     32 23.90    0.2
MLS      1.33  91 eP     32 34.80    1.9
                  eS     32 52.40
LGR      1.42 248 iPnd    32 34.80    0.8
                  iSn    32 53.00
LPO      2.18  39 Pn     32 45.30    0.3
                  Sn     33 13.50
LFF      2.20  28 Pn     32 46.80    1.4
                  Sn     33 16.10
CAF      2.79  45 Pn     32 53.30   -0.4
                  Sn     33 26.60
RJF      2.81  34 Pn     32 53.80   -0.2
                  Sn     33 27.50
MFF      3.62   6 Pn     33 08.00    2.5
                  Sn     33 50.40
LSF      3.62  26 Pn     33 04.30   -1.3
                  Sn     33 45.80
TCF      3.90  32 Pn     33 07.70   -1.7
                  Sn     33 52.40
MZF      3.99  35 Pn     33 09.80   -0.9
                  Sn     33 55.10
TOL      3.99 220 ePg    33 16.00    5.2X
                  eSn    33 37.00
                  iSg    34 14.00
BGF      4.37  34 Pn     33 15.50   -0.7
                  Sn     34 03.40
AVF      4.77  36 Pn     33 21.50   -0.3
SMF      4.88  40 Pn     33 23.00   -0.4
                  Sn     34 18.20
SSF      5.05  35 Pn     33 24.10   -1.6
                  Sn     34 21.20
GRR      5.38 359 Pn     33 30.20   -0.3
                  Sn     34 31.70
DOU      7.98  25 P      34 07.60    0.6
     S.D. = 1.1  on  25 of  26 obs.

   MAY  15, 1985  01h 15m 18.19± 0.32s
   39.697 N ± 3.5km   26.002 E ± 3.0km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                             (366)
     ML 3.8 (ATH).

EZN      0.28  63 iPg    15 25.00    0.9
PRK      0.50 155 ePgc    15 28.50    0.2
                  iSg    15 42.50
KGT      1.25  53 iPn     15 42.10    0.7
MFT      1.46  42 ePn     15 45.10    0.4
EDC      1.57  65 iPn     15 46.20    0.1
IZM      1.63 142 iPn     15 47.00    0.0
OUR      1.68 293 ePn     15 48.60    0.9
PAIG     1.80 278 ePn     15 50.00    0.5
                  eSn    16 19.00
KCT      1.89  72 iPn     15 50.10   -0.7
KDZ      2.00 346 iPc     15 52.00   -0.4
                  iS     16 14.00
DST      2.03  92 iPn     15 52.60   -0.3
SOH      2.32 300 ePn     15 57.00    0.0
                  eSn    16 33.60
SRS      2.32 308 ePn     15 56.50   -0.6
                  eSn    16 31.90
CTT      2.35  51 iPn     15 57.60    0.1
DIM      2.37 352 iPd     15 58.00    0.3
ATH      2.48 227 ePn     15 57.50   -1.7
                  ePg    16 07.80
                  eSn    16 34.50
DMK      2.51  32 iPn     15 59.50   -0.1
THE      2.51 293 ePn     16 01.00    1.4
MMB      2.56 318 iPc     15 56.00   -4.5X
PLD      2.60 338 eP      16 02.00    1.1
ISK      2.71  59 iPn     16 02.10   -0.4
YLV      2.73  70 iPn     16 02.10   -0.8
LIT      2.73 280 ePn     16 02.00   -0.9
KNT      2.78 303 ePn     16 03.40   -0.2
                  eSn    16 44.40
JMB      2.80   9 iPc     16 01.00   -2.8
VAY      3.08 303 iPn     16 08.00    0.3
YER      3.12 144 ePn     16 08.30   -0.1
KZN      3.31 282 ePb     16 11.00   -0.1
PVL      3.50 350 iPd     16 13.00   -0.7
VTS      3.59 325 iP      16 15.00    0.0
                  iSg    17 12.00
SKO      4.14 305 ePn     16 25.00    2.2
OHR      4.22 291 ePn     16 23.90   -0.1
BCK      4.23 120 iPn     16 24.40    0.2
ELL      4.26 133 iPn     16 26.40    1.7
PSN      4.30  22 eP      16 24.00   -1.1
NPS      4.44 184 ePn     16 26.50   -0.6
CMP      5.61 353 ePd     16 44.00    0.3
COZ      5.75 348 ePd     16 45.00   -0.8
MLR      5.79 360 iPd     16 47.00    0.7
CLO      5.87 337 ePd     16 45.00   -2 3
CVO      6.12   1 ePd     16 53.00    2.1
VRI      6.19   5 iPd     16 52.50    0.7
     S.D. = 1.0  on  41 of  42 obs.

*  MAY  15, 1985  02h 01m 05.87± 2.10s
   11.945 S ±11.4km   34.620 E ±24.2km
   DEPTH =  10.0km  (geophysicist)
 MALAWI                             (577)

MZM      0.88 316 iPn     01 22.70    0.0
                  iSg    01 39.70
CLK      3.73 175 iPn     02 04.70   -0.1
                  iP*    02 10.70
                  iSn    02 46.70
                  iS*    02 59.90
                  iSg    03 07.60
TET      4.30 194 ePn     02 13.00    0.2
                  ePg    02 22.00
                  eSn    03 03.00
                  iSg    03 19.00
MTD      5.64 211 ePn     02 32.00    0.1
                  iSn    03 33.00
                  iSg    04 06.00
KRI      6.86 224 iPn     02 49.00   -0.2
                  iSn    04 05.00
                  iSg    04 48.00
BUL      9.99 215 ePn     03 29.00   -3.7X
                  iSn    05 16.30
                  eSg    06 15.00
     S.D. = 0.2  on   5 of   6 obs.

   MAY  15, 1985  02h 27m 37.62± 0.98s
   23.380 N ± 7.2km   121.331 E ±12.2km
   DEPTH =  10.0km  (geophysicist)
 TAIWAN                             (244)

TWF1     0.04 228 iPc     27 40.00    0.3
                  eS     27 42.00
TWG      0.61 203 iPc     27 49.50   -0.3
TWD      0.74  19 eP      27 51.50   -0.6
TWK      0.78 262 iPd     27 53.00    0.1
                  eS     28 05.00
TWQ      1.00 333 ePc     27 56.00   -0.6
                  eS     28 11.00
TATO     1.59   5 eP      28 07.00    1.1
                  eS     28 27.00
ANP      1.80   5 eP      28 09.00    0.0
     S.D. = 0.7  on   7 of   7 obs.

*  MAY  15, 1985  02h 34m 58.77± 0.73s
   15.350 S ±10.5km  172.729 W ±21.0km
   DEPTH =  33.0km  (normal)
   4.4mb (  3 obs.)
 SAMOA ISLANDS REGION               (169)

AFI      1.70  33 iPd     35 25.50   -1.2
                  S      35 44.00
NUE      4.57 145 P       36 07.80    0.4
                  S      36 58.00
SBA     63.35 185 e(P)    45 24.20   -2.4
BMN     75.69  40 e(P)    46 43.80    0.9
                  e      47 02.00
PNT     79.63  32 eP      47 04.00   -0.3
LTX     80.05  56 eP      47 08.50    1.4
        1.2s     4.35nm          4.3mb
ALQ     80.27  50 eP      47 08.70    0.4
        1.0s     3.75nm          4.3mb
BDW     81.79  42 e(P)    47 14.50   -1.7
        1.3s    11.32nm          4.7mb
COL     82.23  10 eP      47 17.00   -0.6
                  e      47 36.00
SES     84.79  34 ePd     47 31.00    0.0
INK     88.06  14 eP      47 46.00   -0.6
YKA     89.79  23 eP      47 55.60    0.7
YKC     89.84  23 eP      47 55.00   -0.1
```

15d 02h

PRU	144.95	352	ePKP	54	39.00	4.9X
			e	54	55.00	
KHC	145.92	353	iPKPc	54	36.80	0.9
	1.0s		10.50nm			
			e	54	43.00	
			e	54	48.70	
FLN	146.08	9	ePKP	54	37.10	1.0
ZST	146.26	348	ePKP	54	49.30	12.9X
			e	10	25.00	
SRO	146.36	347	e(PKP)	54	48.80	12.2X
GRR	146.38	10	ePKP	54	37.80	1.2
GRC	147.96	5	iPKPd	54	41.30	2.2X
LOR	148.05	4	ePKP	54	42.90	3.6X
SSF	148.23	5	ePKP	54	43.30	3.7X
LBF	148.34	4	ePKP	54	43.50	3.7X
AVF	148.48	5	ePKP	54	44.20	4.2X
BGF	148.67	6	ePKP	54	44.30	4.0X
SMF	148.67	5	ePKP	54	44.50	4.2X
LSF	148.82	8	ePKP	54	44.50	3.9X
MZF	148.98	6	ePKP	54	45.50	4.7X
OHR	151.77	338	ePKP	54	53.50	8.2X
S.D. = 1.2 on 16 of 29 obs.						

MAY 15, 1985 02h 49m 38.99± 0.60s
43.039 N ± 6.6km 0.758 W ± 5.2km
DEPTH = 16.4 ± 5.0 km
PYRENEES (378)
ML 3.3 (LDG).

ISSF	0.03	247	Pc	49	41.56	-0.6
ATE	0.06	41	Pc	49	42.83	0.6
			S	49	46.15	
MADF	0.11	335	Pc	49	43.73	1.1
			S	49	48.20	
ESCF	0.14	74	Pc	49	43.64	0.6
			S	49	47.62	
LHE	0.16	141	Pc	49	41.43	-2.0
BOH	0.20	289	Pc	49	43.76	-0.2
OGE	0.25	58	Pc	49	45.71	1.1
JAU	0.29	90	Pc	49	45.44	0.0
			S	49	50.66	
EPF	0.81	90	Pg	49	54.10	-0.1
MLS	1.35	93	eP	50	05.60	2.5
			eS	50	23.70	
LGR	1.41	246	iPnd	50	05.00	1.0
LPO	2.16	40	Pn	50	15.50	0.7
			Sn	50	43.80	
LFF	2.18	29	Pn	50	16.80	1.7
			Sn	50	46.40	
CAF	2.78	46	Pn	50	22.90	-0.7
			Sn	50	57.00	
RJF	2.79	35	Pn	50	23.50	-0.3
			Sn	50	57.30	
MFF	3.59	7	Pn	50	38.00	2.9X
			Sn	51	21.80	
LSF	3.60	26	Pn	50	34.30	-1.0
			Sn	51	16.10	
TCF	3.88	32	Pn	50	37.90	-1.3
			Sn	51	22.70	
MZF	3.97	36	Pn	50	40.00	-0.5
			Sn	51	25.40	
TOL	4.01	219	ePg	50	52.00	11.0X
			eSn	51	25.00	
			eSg	51	45.00	
BGF	4.35	35	Pn	50	45.60	-0.3
			Sn	51	35.40	
AVF	4.75	36	Pn	50	50.90	-0.7
SMF	4.87	41	Pn	50	52.60	-0.6
			Sn	51	48.40	
SSF	5.03	35	Pn	50	53.90	-1.6
			Sn	51	51.60	
GRR	5.35	359	Pn	50	59.20	-0.8
			Sn	51	59.80	
DOU	7.96	26	P	51	38.00	1.3
S.D. = 1.2 on 24 of 26 obs.						

MAY 15, 1985 02h 50m 51.79± 1.01s
0.143 S ± 7.7km 123.855 E ± 8.4km
DEPTH = 145.7 ± 12.1 km
4.6mb (6 obs.)
MINAHASSA PENINSULA (265)

AAI	5.59	129	ePd	52	12.90	-1.0
MKS	6.68	221	iPc	52	28.00	-0.7
			iS	52	42.00	
KKM	9.79	309	ePd	53	10.40	0.0
MAP	10.40	1	eP	53	19.50	1.3
MAN	14.96	350	eP	54	18.30	1.1
TZZ	18.07	107	eP	54	54.00	-1.1
WRA	22.20	153	Pd	55	37.70	0.7
	1.0s		42.80nm			4.8mb
WB2	22.20	153	eP	55	37.40	0.4
IPM	23.28	282	ePd	55	48.90	1.3
LAT	23.98	106	eP	55	57.00	2.8X
PMG	24.95	112	e(P)	56	04.00	0.6
ASPA	25.34	158	eP	56	08.00	1.1
	0.4s		27.00nm			5.2mb
LOE	27.90	310	eP	56	30.00	-0.2
CHTO	30.87	309	eP	56	56.30	-0.3
	0.7s		2.86nm			4.1mb
MAT	38.86	19	iPd	58	02.60	-1.8
YOU	41.00	148	iPd	58	25.20	3.2X
CAN	42.12	149	iPd	58	34.60	3.4X
WAM	42.74	150	eP	58	39.80	3.6X
PKI	46.04	310	eP	59	02.30	-0.8
	0.9s		8.00nm			4.4mb
KKN	46.25	310	eP	59	04.00	-0.7
	0.7s		7.00nm			4.4mb
HYB	47.87	294	eP	59	17.00	-0.2
SUF	93.67	333	iP	03	50.80	-1.7
HFS	100.06	331	(Pdiff	04	18.00	-3.6X
	0.4s		1.40nm			4.9mb
	Z 15s		0.51um			5.2MszX
			LR	58	15.00	
JCT	128.74	50	ePKP	09	46.00	1.9
BOG	161.56	76	ePKP	10	32.00	-5.4X
S.D. = 1.2 on 19 of 25 obs.						

MAY 15, 1985 02h 52m 31.67± 0.22s
51.792 S ± 4.8km 28.263 E ± 6.6km
DEPTH = 10.0km (geophysicist)
5.5mb (20 obs.) 5.4Msz (1 obs.)
SOUTH OF AFRICA (430)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 28C
Centroid Location:
Origin Time 02:52:38.0 0.4
Lat 51.84S FIX;Lon 28.23E FIX
Dep 10.0 FIX Half-duration 2.6
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.70 0.15 Mtt= 3.05 0.20
Mff=-2.35 0.17 Mrt= 0.04 0.49
Mrf= 1.28 0.45 Mtf= 2.81 0.22
Principal Axes:

	Val=	Plg=	Azm=
T	4.31	6	336
N	-0.34	69	229
P	-3.96	20	68

Best Double Couple:Mo=4.1*10**24
NP1:Strike=110 Dip=71 Slip= -10
NP2: 204 81 -161

MAW	23.10	146	iPc	57	38.20	0.1
SNA	23.28	206	eP	57	41.00	1.2
	1.0s		248.00nm			5.7mb
VIR	23.71	357	iPc	57	45.00	0.5
	1.9s		1315.79nm			6.2mb
JOZ	24.49	8	iPc	57	52.80	0.9
	0.8s		113.43nm			5.6mb
			S	02	31.30	
BFS	24.89	357	iPc	57	56.70	0.8
	1.0s		410.00nm			6.1mb
EVA	25.26	2	iPc	57	59.00	-0.5
	1.0s		114.00nm			5.5mb
			i	58	28.00	
BPI	25.58	360	iPc	57	56.60	-6.0X
	1.0s		314.00nm			6.0mb
SLR	26.02	0	iPc+	58	05.70	-0.9
	0.9s		495.80nm			6.2mb
	Z 17s		4.25um			5.0MszX
			S	03	40.00	
BUL	31.59	1	iPc	58	55.10	-1.6
			iS	06	37.60	
KRI	34.90	2	iPc	59	23.00	-2.4
MTD	35.03	6	iPc	59	25.00	-1.5
TET	35.81	9	iPc	59	32.00	-1.0
AVY	36.20	32	eP	59	36.60	0.0
CLK	36.42	11	iPc	59	39.20	0.9
SPA	38.40	180	iPc	59	53.90	-0.7
	1.0s		89.00nm			5.4mb
MZM	40.64	9	iPc	00	11.10	-2.2
SBA	48.13	169	iPc	01	12.80	-0.2
	0.9s		74.79nm			5.8mb
NAI	50.85	11	iPc	01	36.50	1.8
	1.5s		138.89nm			5.7mb
DRV	51.16	152	e(P)	01	35.30	-0.9
BNG	56.62	348	iPc	02	16.10	-1.0
	0.9s		64.00nm			5.7mb
			i	02	24.10	
AAE	61.25	12	eP	02	51.50	2.0
VAO	63.23	266	eP	03	02.60	0.1
			i	03	03.20	
			e	03	12.50	
KIC	64.44	323	eP	03	09.30	-1.0
TCA	67.72	247	ePd	03	30.00	-1.3
ITR	68.80	283	eP	03	38.20	0.1
	0.8s		7.60nm			4.9mb
			e	03	42.00	
			e	03	51.00	
			e	04	11.60	
			e	05	17.80	
			e	05	31.60	
MDZ	68.97	243	eP	03	39.40	0.3
PCH	69.34	242	eP	03	41.20	-0.1
BAO	69.38	271	Pd	03	42.60	0.8
FCH	69.44	242	iP	03	42.50	0.3
BACH	69.53	242	iPc	03	42.40	0.0
SAN	69.55	242	eP	03	42.00	-0.5
TACH	69.55	241	eP	03	42.20	-0.3
LNV	69.58	241	iPd	03	42.10	-0.5
PEL	69.79	242	iPd	03	43.40	-0.6
SOB1	69.95	281	eP	03	45.40	0.2
	0.6s		2.70nm			4.6mb
			epP	03	49.60	14kmX
JACH	70.09	242	iPd	03	45.80	-0.1
ROCH	70.10	242	eP	03	45.00	-1.1
SLA	73.20	251	ePc	04	04.00	-0.7
W8N	74.77	113	eP	04	15.00	1.4
GBA	77.78	49	Pc	04	29.50	-0.9
	0.6s		24.10nm			5.5mb
WAM	78.18	135	eP	04	33.00	0.5
STK	78.31	127	eP	04	33.00	-0.3
CAN	78.96	134	eP	04	36.80	-0.1
YOU	79.55	133	eP	04	40.80	0.7
PSI	80.28	73	eP	04	45.00	0.9
TRT	80.52	90	iPd	04	51.10	5.6X
	0.5s		24.00nm			5.5mb
ASPA	80.83	117	eP	04	46.00	-1.1
	0.9s		32.00nm			5.3mb
			eS	15	00.00	
HYB	81.62	48	eP	04	50.50	-0.6
	1.0s		30.00nm			5.3mb
IPM	83.03	74	ePd	05	02.20	3.7X
ARE	83.12	252	eP	05	01.00	1.6
JER	83.43	6	e(P)	05	00.00	-0.2
WRA	84.03	115	Pd	05	03.10	-0.6
	1.0s		6.90nm			4.8mb
W82	84.04	115	eP	05	02.50	-1.2
NNT	88.69	68	eP	05	31.00	4.6X
IR2	89.32	18	iPc	05	29.40	0.3
AVE	90.33	331	iP	05	34.00	0.4
CTA	90.37	124	e(P)	05	40.00	5.6X
			i	16	37.00	
EZN	91.26	359	ePc	05	38.50	0.8
EDC	91.76	360	iP	05	41.20	1.2
MHI	91.89	25	eP	05	46.00	5.1X
			eS	18	28.00	
OHR	92.75	354	eP	05	46.30	1.6
VAY	92.87	356	iP	05	46.50	1.4
CHG	93.25	64	eP	05	52.00	4.5X
DMN	93.43	48	eP	05	48.30	-0.1
	0.7s		11.00nm			5.4mb
PKI	93.54	48	eP	05	48.50	-0.5
SKO	93.57	355	iPd	05	50.20	1.8
	Z 19s		1.27um			5.4Msz
	N 16s		0.95um			
KKN	93.67	48	eP	05	49.30	-0.2
	0.8s		16.00nm			5.5mb
MLR	96.92	358	eP	06	05.00	1.2
SUF	114.18	359	ePKP	11	19.00	7.5X
KJF	115.65	360	ePKP	11	22.00	7.7X
			e	22	00.00	
SOD	118.84	359	ePKP	11	26.00	5.7X
BJI	119.00	61	ePKP	11	25.50	4.1X
DAG	131.70	347	ePKP	11	40.00	-4.7X
FVM	135.72	277	ePKP	11	57.80	4.3X
			e	13	01.00	
BHO	136.16	270	e(PKP)	12	04.00	9.6X
JCT	136.56	261	ePKP	12	03.00	7.6X
RLO	137.42	271	ePKP	11	48.00	-8.8X
TUL	137.73	271	ePKP	12	03.70	6.3X

0.8s 5.80nm
LTX 138.11 257 PKP 11 57.60 -0.8
ALQ 143.70 260 ePKP 12 04.00 -4.3X
RSON 144.55 292 PKP 12 06.70 -2.2
1.2s 106.90nm
GOL 146.03 268 ePKP 12 12.50 0.3
GLA 147.41 249 ePKP 12 16.00 1.7
RSSD 147.65 275 PKP 12 14.00 -0.6
BAR 148 20 247 ePKP 12 22.00 6.5X
PLM 148.80 247 ePKP 12 23.00 6.3X
TPC 148.87 249 ePKP 12 21.00 4.4X
RVR 149.56 248 ePKP 12 21.00 3.4X
MWC 150.11 247 ePKP 12 23.00 4.3X
PAS 150.12 247 ePKP 12 23.00 4.6X
GSC 150.15 250 ePKP 12 24.00 5.4X
SBB 150.31 248 ePKP 12 23.00 4.2X
BDW 150.37 269 PKP 12 18.00 -0.9
FFC 150.59 296 ePKP 12 24.00 5.5X
1.0s 5.00nm
DUG 150.92 262 PKP 12 24.20 4.6X
CLC 150.97 250 ePKP 12 25.00 5.3X
ISA 151.38 249 ePKP 12 25.00 4.6X
SYP 151.43 245 ePKP 12 33.00 12.5X
EUR 152.42 258 iPKP 12 29.50 7.5X
0.8s 4.13nm
MBC 152.44 344 ePKP 12 21.00 0.4
LRM 153.69 273 ePKP 12 25.60 2.0
BMN 153.76 258 e(PKP) 12 26.00 2.3X
SES 154.63 283 ePKP 12 21.00 -3.4X
EDM 156.77 289 ePKPd 12 26.80 -0.4
YKA 157.52 313 ePKP 12 34.40 6.6X
INK 161.25 339 ePKP 12 33.00 1.4
S.D. = 1.1 on 71 of 106 obs.

? MAY 15, 1985 03h 00m 55.95± 1.34s
66.400 N ±15.2km 149.934 W ±11.3km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.2 (PMR).

IMA 1.55 259 eP 01 25.00 1.2
FBA 1.75 149 eP 01 27.90 1.4
TTA 4.35 220 eP 02 02.10 -1.6
TOA 4.61 157 eP 02 15.70 8.3X
PMS 5.18 178 eP 02 14.90 -0.5
INK 6.62 66 eP 02 35.00 -0.6
S.D. = 1.8 on 5 of 6 obs.

• MAY 15, 1985 04h 06m 37.16± 0.73s
16.563 N ± 6.8km 120.840 E ±13.6km
DEPTH = 10.0km (geophysicist)
4.4mb (4 obs.)
LUZON, PHILIPPINE ISLANDS (249)
Felt (II RF) at Baguio and Santa.

AG 0.29 239 iPc+ 06 43.00 -0.3
ZP 1.05 339 iPc 06 57.00 0.1
iS 07 05.00
PIP 1.77 353 iPc 07 07.00 -0.9
iS 07 35.00
MAN 1.91 173 eP 07 09.60 -0.4
eS 07 32.00
QCP 1.93 173 eP 07 12.00 1.7
BJI 23.74 351 eP 11 52.00 1.7
PKI 34.50 295 eP 13 28.60 0.5
0.9s 7.00nm 4.6mb
WRA 38.63 159 P 14 01.00 -1.6
0.8s 3.80nm 4.2mb
WB2 38.63 159 eP 13 55.30 -7.3X
GBA 41.95 272 P 14 36.00 5.9X
SUF 77.57 332 eP 18 34.00 -0.7
SLL 84.08 332 eP 19 07.70 -1.6
0.5s 4.70nm 5.0mb
NB2 84.80 333 P 19 14.40 1.5
0.7s 1.50nm 4.3mb
S.D = 1.4 on 11 of 13 obs.

? MAY 15, 1985 04h 18m 39.73± 3.37s
7.122 S ±21.3km 129.011 E ±33.4km
DEPTH = 119.0 ± 40.1 km
4.4mb (3 obs.)
BANDA SEA (280)

MTN 6.06 160 iPc 20 09.00 0.7
eS 21 12.00
KNA 8.58 182 iPc 20 41.60 -1.0

eS 22 12.50
WRA 13.76 158 Pd 21 46.70 -4.3X
0.6s 11.60nm 4.4mb
WB2 13.76 158 iPc 21 46.60 -4.4X
eS 24 09.00
ASPA 17.11 165 eP 22 33.00 -0.1
eS 25 33.00
WBN 19.05 187 eP 22 56.00 0.6
eS 26 20.00
NAU 20.11 219 eP 23 06.00 -0.4
0.4s 6.00nm 4.3mb
PSI 31.57 287 e(P) 24 54.60 1.4
KKN 54.68 311 eP 27 57.90 -1.2
0.8s 9.00nm 4.8mb
S.D. = 1.3 on 7 of 9 obs.

MAY 15, 1985 05h 11m 48.47± 0.38s
30.035 N ± 3.0km 138.512 E ± 2.8km
DEPTH = 432.3 ± 3.8 km
4.9mb (51 obs.)
SOUTH OF HONSHU, JAPAN (211)

KYS 5.33 15 eP 13 15.60 -0.4
OYM 5.40 6 eP 13 16.70 -0.1
SRY 5.59 6 eP 13 18.20 -0.5
DDR 5.97 5 eP 13 22.30 -0.5
S 14 34.00
TSK 6.30 12 eP 13 24.40 -1.8
MAT 6.49 358 iPc 13 28.50 0.2
iS 14 47.70
SHK 6.67 314 iPd 13 33.20 3.0X
iS 14 56.30
SSE 14.97 278 Pd 15 00.00 -1.1
0.5s 33.00nm 5.1mb
eS 17 36.00
MDJ 16.17 337 Pc 15 14.50 1.0
DL2 16.48 307 Pd 15 16.50 0.0
SNY 16.85 318 iPd 15 21.60 1.4
S 18 14.00
NJ2 16.97 282 Pd 15 22.50 1.0
S 18 15.50
CN2 17.23 326 Pd 15 24.80 0.8
S 18 21.00
PcP 19 42.80
ScP 22 34.80
QZH 18.38 259 eP 15 36.00 0.5
TIA 18.93 295 iPd 15 41.60 0.8
BJI 20.79 305 eP 15 58.50 -0.2
S 19 24.00
WHN 20.87 277 P 16 00.50 1.0
BAG 21.30 234 eP 16 03.00 -0.9
TIY 22.92 296 Pd 16 19.00 0.4
GZH 23.52 259 eP 16 24.50 0.4
XAN 25.36 287 iPd 16 40.90 0.2
BTO 25.43 302 P 16 41.00 -0.4
QIZ 28.21 254 eP 17 07.60 1.5
GYA 28.23 271 Pd 17 06.40 0.0
LZH 29.57 291 eP 17 18.50 0.5
CD2 29.90 281 iPd 17 21.10 0.4
S 21 44.80
KMI 32.00 270 Pd 17 39.50 0.4
GTA 32.94 297 iPd 17 47.20 0.4
PcP 20 19.70
S 22 31.00
ScP 23 21.00
SMY 34.49 39 e(P) 18 01.00 1.5
LOE 35.79 258 eP 18 11.00 0.3
CHG 37.55 262 iPd 18 26.20 0.9
0.9s 105.04nm 5.2mb
NST 37.95 257 eP 18 29.50 1.0
ADK 39.45 43 eP 18 40.70 0.2
KHT 39.68 256 ePd 18 44.30 1.6
NNT 39.84 253 ePd 18 45.10 1.1
e 20 41.40
LSA 40.84 282 eP 18 53.00 0.4
PcP 20 44.80
SNG 42.20 245 eP 19 04.00 0.9
WMO 42.25 303 iPd 19 04.00 0.6
MTN 43.22 191 eP 19 10.00 -1.1
0.5s 19.00nm 4.7mb
IPM 43.50 242 iPd 19 14.30 0.9
0.9s 40.10nm 4.8mb
i 20 53.10
PKI 46.25 281 iPd 19 35.80 0.6
KKN 46.30 281 iPd 19 36.30 0.8
PSI 46.31 242 iPd 19 45.50 10.2X
0.9s 40.90nm

DMN 46.50 281 iPd 19 37.60 0.5
PPI 47.29 237 ePc 19 43.20 0.4
0.7s 21.50nm 4.7mb
BSI 47.41 248 ePd 19 43.50 -0.3
SDN 49.53 41 eP 19 58.00 -1.4
WB2 49.85 185 iPd 20 00.80 -1.3
eS 26 33.20
WRA 49.85 185 Pd 20 01.20 -0.9
0.6s 28.80nm 4.8mb
CTA 50.39 171 iPc 20 06.00 -0.1
0.9s 11.76nm 4.2mb
KSH 51.33 298 Pd 20 14.00 1.0
TTA 52.59 32 eP 20 22.00 0.1
NDI 52.86 285 iPd 20 24.00 -0.2
0.8s 156.72nm 5.4mb
eS 25 34.00
ASPA 53.58 185 iPd 20 28.50 -0.8
0.7s 46.00nm 4.9mb
BRW 53.79 21 iPc 20 31.10 0.8
IMA 53.96 28 iPc 20 32.00 0.2
KDC 54.05 38 eP 20 32.20 -0.2
PMR 55.73 33 eP 20 43.30 -0.8
1.0s 100.00nm 5.1mb
HYB 55.76 271 ePd 20 44.50 -0.5
1.0s 50.00nm 4.8mb
COL 56.34 29 iP 20 47.70 -0.7
0.8s 47.76nm 4.9mb
FBA 56.34 29 eP 20 47.80 -0.6
0.7s 54.30nm 5.0mb
NAU 56.77 206 eP 20 51.00 -0.7
WBN 57.01 193 iPd 20 53.90 0.5
GBA 58.39 268 Pc 21 03.10 0.0
0.9s 81.20nm 5.2mb
PNL 60.68 35 eP 21 18.00 0.1
QUE 60.88 290 iPd 21 19.70 -0.1
STK 61.65 177 iPd 21 23.90 -0.5
0.5s 24.00nm 5.0mb
INK 61.73 25 iPc 21 23.60 -0.1
0.6s 24.00nm 4.9mb
MRWA 62.71 202 iPd 21 30.90 -0.6
BAL 63.78 201 iPd 21 37.50 -0.7
MBC 63.90 15 iPc 21 38.30 -0.3
0.5s 17.00nm 4.9mb
KLB 64.38 200 eP 21 41.00 -0.1
YOU 64.64 171 eP 21 44.20 0.5
MHI 64.72 299 iPd 21 44.80 0.3
MUN 65.21 201 eP 21 47.00 -0.3
CAN 65.75 171 eP 21 51.10 0.3
NWAO 65.78 200 iPd 21 50.50 -0.4
0.6s 53.00nm 5.4mb
WAM 66.59 171 eP 21 56.30 0.4
ALE 67.23 3 ePc 22 00.00 0.6
0.8s 12.00nm 4.6mb
KEV 69.13 340 iP 22 11.20 0.1
0.5s 46.30nm 5.4mb
SOD 70.48 338 iP 22 19.20 0.1
YKA 71.09 28 eP 22 22.90 0.2
YKC 71.15 28 eP 22 33.00 9.9X
0.7s 24.00nm 4.9mb
IR2 71.43 301 iPd 22 26.00 0.6
KJF 71.76 334 iP 22 26.20 -0.4
0.6s 54.80nm 5.4mb
DAG 72.52 355 iPc 22 30.40 -0.4
0.5s 11.27nm 4.8mb
PGC 73.00 43 eP 22 35.00 0.9
SUF 73.14 334 iP 22 34.20 -0.5
0.5s 77.00nm 5.6mb
PNT 74.94 42 eP 22 47.00 1.9
NUR 74.98 332 eP 22 44.00 -1.0
0.6s 52.20nm 5.4mb
EDM 76.37 36 iPc 22 53.40 0.5
NEW 76.90 42 iPc 22 56.70 0.8
UPP 78.15 334 iPd 23 02.10 -0.3
MNG 78.20 152 P 23 03.00 0.1
SES 79.12 38 iPc 23 08.10 0.3
ARN 79.55 53 iP 23 11.00 0.7
NB2 79.67 337 P 23 10.20 -0.3
0.6s 40.40nm 5.3mb
JAS1 80.03 52 P 23 13.80 1.0
HRY 80.76 41 eP 23 17.50 1.0
BMN 80.87 49 iPc 23 18.50 1.2
1.0s 11.25nm 4.5mb
FFC 80.92 31 iPc 23 17.40 0.4
0.8s 14.00nm 4.7mb
SXM 81.43 41 eP 23 21.30 1.2
SYP 82.06 55 eP 23 25.00 1.5
EUR 82.19 49 iP 23 25.70 1.5

15d 05h

0.2s 38.52nm 5.7mb
VRI 82.45 319 ePc 23 25.00 0.0
ISA 82.53 53 eP 23 26.00 0.3
CLC 83.05 53 eP 23 28.00 -0.4
MLR 83.12 319 iPc 23 29.00 0.4
SBB 83.49 54 eP 23 31.00 0.4
PAS 83.53 54 eP 23 31.00 0.3
MWC 83.57 54 eP 23 32.00 0.8
GSC 83.87 53 eP 23 33.00 0.5
SPC 83.89 324 e(P) 23 33.20 0.8
BDW 84.34 43 P 23 35.50 0.6
JMB 84.53 316 iP 23 34.00 -1.5
KSP 84.72 327 iPd 23 36.30 0.0
0.8s 30.00nm 5.1mb
TPC 85.04 53 eP 23 38.00 -0.3
BAR 85.38 55 eP 23 40.00 0.1
KDZ 85.76 316 iPd 23 41.00 -0.5
BRG 85.78 328 iP 23 41.00 -0.4
1.0s 18.00nm 4.8mb
CLL 85.90 329 iP 23 41.70 -0.3
1.3s 24.00nm 4.8mb
i 25 26.20
PRU 86.12 328 eP 23 43.00 -0.1
VTS 86.44 318 iP 23 45.00 0.3
GLA 86.47 54 eP 23 46.00 0.8
RSSD 86.70 40 eP 23 46.80 0.5
0.8s 8.10nm 4.5mb
MMB 86.75 317 iP 23 44.00 -2.3
MOX 86.99 329 eP 23 47.00 -0.2
KHC 87.17 327 P 23 47.80 -0.4
0.7s 12.00nm 4.8mb
RSON 87.22 30 eP 23 48.30 -0.1
VAY 87.60 317 eP 23 49.50 -0.8
GRF 87.85 329 iPd 23 51.40 0.0
1.4s 44.00nm 5.1mb
OHR 88.77 318 eP 23 54.00 -1.9
VOY 89.20 325 eP 23 56.00 -1.8
CTI 90.28 326 eP 24 01.50 -1.3
DOU 90.37 332 P 24 02.50 -0.5
SAX 90.49 328 eP+ 24 03.60 -0.4
SLE 90.49 329 eP+ 24 03.20 -0.5
OSS 90.54 327 eP+ 24 03.90 -0.2
LLS 90.93 328 eP+ 24 05.50 -0.4
VDL 91.00 328 eP+ 24 06.10 -0.2
ALQ 91.00 48 eP 24 07.20 0.7
1.0s 15.00nm 4.9mb
MMK 92.02 328 eP+ 24 10.70 -0.3
DIX 92.25 328 eP+ 24 11.80 -0.3
EMS 92.48 329 eP+ 24 12.50 -0.5
LOR 92.89 331 eP 24 14.00 -0.7
0.9s 11.40nm 4.9mb
LBF 93.06 331 eP 24 14.70 -0.8
0.6s 6.60nm 4.8mb
GRC 93.20 331 iPd 24 16.20 0.1
SSF 93.20 331 eP 24 15.60 -0.5
0.8s 12.60nm 5.0mb
SMF 93.39 331 eP 24 16.50 -0.5
0.9s 17.00nm 5.1mb
FLN 93.42 334 eP 24 16.30 -0.8
0.6s 4.30nm 4.7mb
LDF 93.42 334 eP 24 16.50 -0.6
0.6s 4.30nm 4.7mb
AVF 93.48 331 eP 24 17.10 -0.3
0.8s 19.50nm 5.2mb
GRR 93.87 334 eP 24 18.80 -0.4
1.0s 23.00nm 5.2mb
BGF 93.88 331 eP 24 18.70 -0.5
1.0s 9.60nm 4.9mb
LPF 94.23 334 eP 24 20.70 -0.1
MZF 94.26 331 eP 24 20.90 -0.1
0.8s 6.20nm 4.8mb
TCF 94.36 331 eP 24 21.00 -0.5
0.8s 6.20nm 4.8mb
FRF 94.52 327 eP 24 21.00 -1.2
LSF 94.67 332 eP 24 22.30 -0.6
0.8s 9.90nm 5.0mb
LRG 94.73 327 eP 24 22.40 -0.8
LMR 94.75 327 eP 24 22.20 -1.1
0.9s 7.20nm 4.8mb
MFF 95.06 333 eP 24 24.30 -0.3
1.0s 12.00nm 5.0mb
RJF 95.44 331 eP 24 26.40 0.0
CAF 95.51 331 eP 24 26.80 0.1
LFF 96.06 331 eP 24 29.30 0.2
LTX 96.35 51 eP 24 32.00 1.1
0.7s 4.13nm 4.7mb
ePP 26 13.30 441kmX

SPA 119.87 180 iPKPd 29 38.90 -10.1X
0.7s 5.86nm
KIC 129.48 310 ePKP 29 59.00 -9.9X
e 30 08.60
LPB 152.19 67 PKP 30 58.00 9.1X
ITR 158.64 352 e(PKP)30 57.00 0.2
S.D. = 0.8 on 164 of 170 obs.

MAY 15, 1985 05h 47m 13.76± 0.60s
16.664 N ± 7.3km 120.911 E ± 9.8km
DEPTH = 10.0km (geophysicist)
4.6mb (5 obs.)
LUZON, PHILIPPINE ISLANDS (249)
Felt (II RF) at Baguio.

BAG 0.41 232 iPc+ 47 22.00 -0.1
SZP 0.99 334 iPd 47 31.00 -1.4
iS 47 50.00
MAN 2.00 175 eP 47 48.30 0.4
eS 48 11.90
QCP 2.02 175 iP 47 59.50 11.2X
MAP 6.97 154 eP 49 00.10 1.6
GZH 9.56 313 eP 49 34.50 0.0
eS 51 10.00
QIZ 10.80 284 eP 49 49.70 -1.8
eS 51 52.00
GYA 16.44 309 P 51 10.00 3.7X
KMI 18.93 299 eP 51 42.00 4.5X
XAN 20.38 330 eP 51 55.50 2.0
NNT 20.88 262 eP 51 59.30 0.6
CD2 21.11 315 iPc 52 04.10 3.1X
DL2 22.17 1 eP 52 16.50 5.0X
TIY 22.26 342 eP 52 19.00 6.5X
PSI 25.69 240 ePd 52 47.50 1.7
GTA 29.19 325 eP 53 20.10 2.4
PKI 34.52 295 eP 54 05.00 0.1
0.7s 6.00nm 4.6mb
KKN 34.67 295 eP 54 06.50 0.5
DMN 34.79 295 eP 54 05.60 -1.5
WRA 38.70 160 Pc 54 37.40 -2.3
0.8s 7.10nm 4.4mb
WB2 38.70 160 eP 54 37.70 -2.1
GBA 42.02 272 Pc 55 08.60 1.4
0.6s 8.00nm 4.6mb
COL 75.61 26 eP 59 01.00 0.6
KJF 76.53 333 eP 59 03.00 -2.5
SUF 77.51 332 iP 59 10.90 -0.1
INK 80.29 21 eP 59 27.00 1.0
MBC 80.62 12 eP 59 28.00 0.3
DAG 83.74 351 iPd 59 43.70 -0.2
0.4s 4.24nm 5.0mb
NB2 84.74 333 P 59 48.80 -0.4
1.0s 4.00nm 4.6mb
YKA 89.98 23 eP 00 19.00 4.5X
S.D. = 1.5 on 23 of 30 obs.

MAY 15, 1985 07h 26m 55.23± 1.08s
11.690 N ± 8.4km 86.930 W ± 6.6km
DEPTH = 96.5 ± 11.3 km
4.7mb (10 obs.)
NEAR COAST OF NICARAGUA (74)

UPA 7.76 110 ePc 28 45.00 -2.3
GCM 9.26 35 P 29 07.00 -0.7
PBJ 9.48 301 eP 29 08.00 -2.8
BBJ 11.46 53 iP 29 38.50 1.2
STH 11.66 56 eP 29 41.20 1.3
TPM 13.76 303 ePc 30 07.50 -0.1
III 13.81 300 eP 30 07.00 -1.3
PSO 14.13 137 eP 30 13.00 0.4
IIC 14.32 306 eP 30 17.00 1.9
OXM 14.43 303 iPc 30 17.00 0.5
BOG 14.54 118 eP 30 19.00 1.2
eS 33 07.00
CAR 19.66 91 eP 31 20.00 0.7
SJG 21.06 70 eP 31 29.00 -4.5X
JCT 22.18 329 eP 31 45.80 1.3
Z 20s 0.64um 4.0Msz
PRM 22.68 10 eP 31 50.80 1.6
LTX 23.48 321 ePc 31 58.30 1.1
1.0s 22.60nm 4.5mb
BHO 23.72 344 iPd 32 00.90 1.6
RSCP 23.84 3 eP 32 01.50 1.0
TUL 25.41 343 iPd 32 14.70 -0.7
1.0s 98.70nm 5.2mb
Z 21s 0.15um 3.5Msz
RLO 25.44 345 ePd 32 15.10 -0.6

OCO 25.58 340 ePd 32 16.50 -0.5
FVM 26.37 354 P 32 24.00 -0.2
ALQ 29.17 326 eP 32 49.50 -0.2
1.0s 7.50nm 4.3mb
GOL 32.33 333 eP 33 17.80 0.2
GLA 33.25 314 eP 33 30.00 4.7X
RMU 33.25 324 P 33 27.00 1.5
LPB 33.66 146 eP 33 31.00 1.5
Z 22s 1.11um 4.5Msz
LR 46 53.00
RSNY 34.43 16 P 33 35.30 -0.1
1.0s 10.00nm 4.7mb
TPC 34.67 315 eP 33 42.00 4.4X
PLM 34.85 313 eP 33 42.00 2.7X
OTT 34.93 14 eP 33 44.00 4.5X
RSSD 35.52 339 eP 33 45.30 0.4
MNT 35.56 16 iP 33 44.70 -0.2
pP 34 00.30 61kmX
CLC 36.67 316 eP 33 57.00 2.5
BDW 36.69 332 ePd 33 54.80 0.1
0.7s 6.45nm 4.7mb
EUR 37.79 322 iP 34 06.10 2.1
0.9s 1.66nm 4.0mb
BMN 39.13 322 eP 34 16.00 0.9
1.2s 13.31nm 4.7mb
RSON 39.45 353 eP 34 15.80 -1.6
LRM 40.36 332 eP 34 25.90 0.7
NEW 44.31 331 P 34 57.00 -0.2
FFC 44.54 348 eP 34 58.00 -0.9
0.9s 17.00nm 4.9mb
SCH 45.86 16 eP 35 07.00 -2.3
PNT 46.23 331 eP 35 12.00 -0.4
0.8s 13.00nm 4.8mb
EDM 46.50 338 iPd 35 13.30 -1.2
BAO 47.14 124 Pc 35 18.60 -1.5
YKC 54.43 345 eP 36 13.00 -1.4
0.7s 11.00nm 5.0mb
YKA 54.47 345 eP 36 13.80 -1.0
INK 64.06 343 eP 37 20.00 -0.7
pP 37 32.00 41kmX
MBC 66.84 352 eP 37 37.00 -1.3
COL 67.33 336 eP 37 40.00 -1.6
WB2 139.53 253 ePKP 46 13.00 -1.1
WRA 139.54 253 PKPd 46 15.30 1.2
0.6s 2.30nm
GBA 150.47 32 PKPd 46 37.20 4.8X
0.2s 3.30nm
S.D. = 1.3 on 47 of 53 obs.

? MAY 15, 1985 07h 48m 54.52± 1.15s
16.557 N ± 7.2km 120.868 E ±13.9km
DEPTH = 10.0km (geophysicist)
LUZON, PHILIPPINE ISLANDS (249)
Felt (II RF) at Baguio.

BAG 0.31 242 iP+ 49 01.10 0.0
SZP 1.07 338 iPc 49 14.50 -0.1
iS 49 29.00
PIP 1.78 352 iPc 49 25.50 0.1
MAN 1.90 174 eP 49 27.20 0.0
eS 49 52.00
QCP 1.92 174 eP 49 36.00 8.5X
S.D. = 0.1 on 4 of 5 obs.

• MAY 15, 1985 07h 51m 17.60± 0.81s
5.621 S ±10.4km 151.254 E ±10.4km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL 0.37 327 iP 51 25.70 -0.6
iS 51 31.50
RAB 1.69 33 iPd 51 46.00 0.8
0.5s 1070.42nm
iS 52 08.00
KVG 3.06 351 eP 52 11.00 6.2X
BGA 3.94 98 eP 52 17.00 -0.4
PAA 4.27 99 eP 52 17.00 -5.0X
LAT 4.35 256 eP 52 31.00 7.8X
LMG 4.49 223 iPd 52 24.10 -1.1
MOM 5.24 313 eP 52 40.00 4.3X
PMG 5.54 227 eP 52 42.00 2.1
WB2 21.74 228 eP 56 07.50 -0.8
WRA 21.75 228 Pd 56 08.50 0.1
0.5s 2.60nm 3.9mb
S.D. = 1.4 on 7 of 11 obs.

? MAY 15, 1985 08h 37m 13.13± 2.53s
6.254 S ±21.1km 151.694 E ±40.4km
DEPTH = 33.0km (normal)
3.4mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	2.10	13	eP	37 47.00	0.3
KVG	3.77	346	eP	38 10.00	-0.3
LMG	4.39	233	eP	38 18.50	-0.9
LAT	4.68	265	eP	38 31.00	7.7X
PMG	5.48	235	eP	38 36.00	1.4
WB2	21.66	229	eP	42 02.50	-0.5
WRA	21.66	229	Pd	42 06.70	3.7X
	0.3s		0.50nm		3.4mb

S.D. = 1.2 on 5 of 7 obs.

% MAY 15, 1985 09h 05m 11.39± 1.01s
39.140 N ± 8.0km 27.617 E ±10.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.79	201	iPg	05 26.50	-0.3
			iSg	05 41.50	
DST	0.91	59	IPn	05 29.60	0.7
EZN	1.21	305	ePn	05 34.50	0.6
EDC	1.22	9	iPn	05 32.70	-1.4
KGT	1.33	350	iPn	05 36.30	0.4

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

• MAY 15, 1985 09h 32m 42.74± 1.04s
16.416 N ± 9.8km 120.975 E ±14.1km
DEPTH = 10.0km (geophysicist)
3.8mb (1 obs.)
LUZON, PHILIPPINE ISLANDS (249)
Felt (II RF) at Baguio.

BAG	0.38	269	iPc+	32 51.00	0.4
SZP	1.23	336	iPc	33 05.00	-0.7
			iS	33 19.00	
MAN	1.75	177	eP	33 17.40	4.1X
			eS	33 41.00	
OCP	1.77	177	eP	33 12.00	-1.6
PIP	1.93	350	iPc	33 16.00	0.1
			iS	33 49.00	
WRA	38.44	160	P	40 09.00	2.4
	0.8s		1.80nm		3.8mb
WB2	38.45	160	eP	40 06.00	-0.6

S.D. = 1.8 on 6 of 7 obs.

& MAY 15, 1985 10h 33m 25.81s
57.341 N 150.701 W
DEPTH = 36.9km
GULF OF ALASKA (15)
<AGS-P>.

KDC	1.05	294	iP	33 43.10	-1.1
CNPM	2.21	353	ePd	33 59.80	-1.0
CDD	2.23	317	eP	34 01.10	0.0
HOM	2.38	348	eP	34 02.50	-0.7
BRLK	2.43	358	iP	34 02.44	-1.6
			iS	34 33.10	
AUL	2.50	326	eP	34 04.86	-0.2
OPT	2.67	331	eP	34 07.00	-0.4
SEW	2.85	13	iP	34 07.39	-2.5
ILM	3.06	340	eP	34 11.03	-1.9
			i	34 48.75	
SLKM	3.19	4	eP	34 12.28	-2.5
			iS	34 50.00	
MPA	3.23	12	eP	34 12.85	-2.5
			iS	34 50.00	
RED	3.27	342	eP	34 13.60	-2.3
RDT	3.36	345	eP	34 15.25	-2.0
			eS	34 55.41	
PTE	3.64	13	iP	34 18.78	-2.3
			eS	35 00.25	
SPU	3.91	350	iP	34 22.62	-2.5
			eS	35 10.24	
PMS	3.96	8	iP	34 23.21	-2.5
GLI	4.01	26	eP	34 23.49	-2.9
CRP	4.01	350	eP	34 24.33	-2.2
FID	4.06	31	iP	34 23.60	-3.5
			iS	35 06.17	
SUA	4.14	360	eP	34 25.50	-2.8
CFI	4.14	20	iP	34 25.27	-2.9
TTV	4.15	25	eP	34 25.68	-2.8
KNK	4.24	15	iP	34 26.97	-2.8
SGAM	4.26	40	iP	34 27.31	-2.7
			eS	35 13.30	
VZW	4.30	28	iP	34 27.65	-2.8
PLRM	4.34	10	eP	34 28.15	-2.9
PWA	4.34	5	eP	34 28.74	-2.4
PME	4.38	10	eP	34 30.00	-1.7
VLZ	4.41	29	iP	34 29.47	-2.6
			eS	35 15.91	
GHO	4.54	11	eP	34 31.81	-2.1
MSE	4.60	10	eP	34 32.02	-2.8
SML	4.64	14	iP	34 32.80	-2.6
SKT	4.67	355	eP	34 33.51	-2.3
SCM	4.82	19	eP	34 35.74	-2.3
KLU	4.83	28	iP	34 35.29	-2.8
KMP	5.09	32	iP	34 38.73	-3.0
TOA	5.30	24	eP	34 42.89	-1.8
YAH	5.55	53	iP	34 44.73	-3.6
BALM	5.67	46	iP	34 46.64	-3.3
PCA	6.10	59	eP	34 52.29	-3.7
HON	6.57	66	iP	34 58.11	-4.3

41 obs. associated

? MAY 15, 1985 10h 45m 56.93± 1.01s
20.244 S ±65.2km 175.960 W ±19.7km
DEPTH = 33.0km (normal)
TONGA ISLANDS (173)

NUE	5.80	79	P	47 23.00	0.0
			S	48 19.00	
CAN	34.24	237	eP	52 41.80	-0.2
CMS	35.99	244	eP	52 57.00	0.1
STK	39.63	244	eP	53 28.00	0.7
WB2	46.52	261	eP	54 23.70	0.3
WBN	52.79	252	iPc	55 10.60	-0.9

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

• MAY 15, 1985 10h 59m 21.71± 0.47s
10.950 S ±10.0km 41.331 E ± 8.9km
DEPTH = 10.0km (geophysicist)
4.9mb (14 obs.)
NORTHWEST OF MADAGASCAR (574)

MZM	7.20	266	iPn	01 09.90	0.2
			ISn	02 27.80	
CLK	7.77	232	iPnc	01 18.90	1.2
			iSn	02 41.50	
TET	9.14	235	iP	01 37.00	0.4
			iSn	03 13.00	
			iSg	04 11.00	
NAI	10.61	335	iPd	01 52.00	-5.1X
	0.8s		33.58nm		5.8mb
MTD	11.10	237	iPn	02 03.00	-0.7
			iSn	04 04.00	
			iSg	05 09.00	
KRI	12.79	241	iPn	02 25.00	-1.5
			ISn	04 41.00	
BUL	15.28	232	iPn	03 00.00	0.7
			eLg	07 17.00	
BPI	19.68	218	e(P)	03 52.00	-2.3
	0.7s		19.18nm		4.5mb
KSR	20.16	221	e(P)	04 00.00	0.7
BNG	27.35	303	iPc	05 10.00	0.9
	0.7s		6.00nm		4.4mb
			i	05 20.40	
GBA	43.34	57	Pc	07 26.00	0.1
	0.2s		5.00nm		4.9mb
VAY	54.81	343	eP	09 04.70	10.5X
KKN	57.39	47	eP	09 11.80	-1.4
CVF	60.99	333	eP	09 48.30	10.7X
	1.0s		14.10nm		
LMR	62.66	332	eP	10 00.10	11.3X
	0.8s		4.90nm		
SPC	62.69	345	eP	10 02.60	13.4X
FRF	62.78	332	eP	10 00.90	11.3X
	1.1s		10.10nm		
LRG	62.83	332	eP	10 01.30	11.5X
KBA	62.94	339	e(P)	10 00.00	9.2X
CDR	63.27	332	ePd	10 04.70	11.9X
KRA	63.57	345	iPd	10 04.40	9.7X
	0.8s		32.00nm		5.6mb
CHTO	64.04	63	eP	09 57.80	-0.5
	1.0s		4.50nm		4.6mb
KHC	64.62	340	eP	10 02.20	0.5
CAF	65.96	331	eP	10 22.10	11.8X
	0.9s		8.10nm		
BRG	66.02	341	eP	10 20.10	9.6X
	1.2s		17.00nm		5.1mb
BSF	66.07	335	eP	10 21.30	10.2X
	1.0s		18.50nm		
CDF	66.34	336	eP	10 22.60	9.9X
	0.8s		5.30nm		4.8mb
HAU	66.39	335	eP	10 23.20	10.2X
	1.0s		13.00nm		
SMF	66.42	333	eP	10 23.90	10.7X
	1.0s		16.80nm		
MOX	66.58	340	eP	10 24.00	9.8X
LBF	66.61	333	eP	10 24.80	10.3X
	1.1s		15.80nm		
MZF	66.67	332	eP	10 26.20	11.4X
	1.0s		14.80nm		
CLL	66.69	341	eP	10 24.00	9.2X
	1.3s		17.00nm		5.1mb
AVF	66.75	333	eP	10 26.20	10.9X
	1.0s		20.80nm		
BGF	66.80	332	eP	10 26.70	11.0X
	0.9s		14.10nm		
LOR	66.88	333	eP	10 26.70	10.5X
	1.0s		30.00nm		
SSF	66.88	333	eP	10 26.50	10.4X
	1.1s		10.70nm		
TCF	66.90	332	eP	10 27.60	11.3X
	0.9s		18.80nm		
LSF	67.19	331	eP	10 29.50	11.4X
	1.1s		13.50nm		
WLF	67.78	336	Pc	10 33.20	11.5X
MEM	68.59	337	P	10 37.20	10.5X
ENN	68.75	337	eP	10 38.00	10.3X
	0.9s		28.00nm		
WTS	69.39	338	iPc	10 42.90	11.2X
	0.8s		15.00nm		
LDF	69.66	332	eP	10 44.20	10.8X
	0.8s		8.00nm		
LPF	69.69	331	eP	10 44.60	11.0X
	0.9s		16.30nm		
GRR	69.86	332	eP	10 45.60	11.0X
	1.0s		16.90nm		
FLN	69.95	332	eP	10 46.00	10.9X
	1.0s		13.60nm		
NUR	72.45	351	iP	10 50.10	0.1
	0.6s		19.60nm		5.4mb
			i	11 00.80	
HFS	74.21	346	eP	11 09.20	8.9X
	0.8s		3.20nm		4.4mb
	Z 14s		0.14um		4.4MszX
			LR	41 53.00	
SUF	74.38	353	eP	11 01.00	-0.2
NB2	75.61	345	P	11 07.50	-0.9
	0.7s		2.60nm		4.4mb
KJF	75.64	354	eP	11 07.00	-1.4
	0.7s		16.00nm		5.2mb
			i	11 19.20	
EKA	75.79	336	P	11 21.00	11.5X
	1.1s		12.00nm		
WRA	89.11	110	Pd	12 20.00	0.8
	0.8s		3.50nm		4.7mb
WB2	89.12	110	eP	12 20.20	0.9
YKA	125.70	347	ePKP	18 25.90	1.1
LTX	142.60	304	e(PKP)	18 59.80	2.2X
BMN	145.05	331	iPKPc	19 02.80	1.3
	0.5s		1.92nm		
			e	19 13.30	
GSC	148.65	324	ePKP	19 10.00	2.6X
CLC	148.73	326	ePKP	19 20.00	12.5X
GLA	148.96	319	ePKP	19 12.00	4.1X
TPC	149.04	322	ePKP	19 25.00	17.0X
ISA	149.32	327	ePKP	19 12.00	3.6X
SBB	149.68	324	ePKP	19 21.00	12.0X
MWC	150.14	324	ePKP	19 25.00	15.1X
PAS	150.26	324	ePKP	19 27.00	17.2X

S.D. = 1.1 on 21 of 66 obs

• MAY 15, 1985 11h 00m 28.42± 1.00s
39.221 N ± 8.7km 5.590 E ± 6.1km
DEPTH = 10.0km (geophysicist)
4.5mb (3 obs.)
WESTERN MEDITERRANEAN SEA (387)
ML 4.0 (LDG), 4.0 (FOUF).

CVF	4.17	36	Pn	01 32.20	-1.2
			Sn	02 17.30	
LMR	4.17	9	Pn	01 34.60	1.2
			Sn	02 20.50	
LRG	4.27	8	Pn	01 36.50	1.6
			Sn	02 23.80	
FRF	4.41	10	Pn	01 38.50	1.6

15d 11h

			Sn	02 26.70		
CDR	4.45	2	ePnc	01 39.80	2.3	
			i	01 46.90		
			iSn	02 27.70		
FOUF	5.38	9	Pn	01 53.20	2.6X	
			Sn	02 51.45		
EPF	5.49	316	Pn	01 53.40	1.1	
			Sn	02 55.40		
JAU	5.90	312	Pd	01 58.70	0.6	
LHE	5.97	310	Pd	01 59.60	0.6	
OGE	6.04	313	Pd	02 00.75	0.9	
ESCF	6.04	312	Pd	02 00.35	0.4	
ATE	6.12	311	Pd	02 01.55	0.5	
ISSF	6.14	310	Pd	02 02.05	0.6	
MADF	6.22	311	Pd	02 03.00	0.5	
MNS	6.24	57	e(Pn)	02 08.20	5.5X	
CAF	6.27	336	Pn	02 02.90	-0.4	
			Sn	03 11.80		
BOH	6.31	310	Pd	02 03.15	-0.8	
LPO	6.37	330	Pn	02 04.00	-0.6	
			Sn	03 13.10		
ORO	6.64	15	ePn	02 09.00	0.5	
LFF	6.76	329	Pn	02 09.40	-0.6	
			Sn	03 22.50		
RJF	6.79	335	Pn	02 09.80	-0.7	
			Sn	03 22.90		
LGR	6.94	300	iPd	02 13.50	0.9	
MZF	7.33	343	Pn	02 18.20	0.1	
			Sn	03 37.60		
TCF	7.49	342	Pn	02 20.00	-0.3	
			Sn	03 41.00		
SMF	7.53	351	Pn	02 21.00	0.1	
			Sn	03 41.50		
BGF	7.60	346	Pn	02 21.70	-0.2	
			Sn	03 45.80		
LSF	7.63	338	Pn	02 21.50	-0.8	
			Sn	03 44.10		
AVF	7.74	349	Pn	02 23.80	0.0	
			Sn	03 48.40		
LBF	7.85	352	Pn	02 25.60	0.3	
			Sn	03 48.30		
SSF	7.98	350	Pn	02 27.30	0.1	
			Sn	03 53.80		
LOR	8.14	352	Pn	02 29.60	0.2	
			Sn	03 57.40		
CTI	8.15	31	ePn	02 34.50	4.8X	
GRC	8.28	348	iPc	02 31.40	0.1	
			i	02 38.80		
MFF	8.49	332	Pn	02 33.10	-1.2	
BSF	8.65	5	Pn	02 35.90	-0.7	
			Sn	04 07.80		
HAU	8.80	3	Pn	02 38.30	-0.2	
			Sn	04 11.70		
CDF	9.27	7	Pn	02 44.20	-0.9	
			Sn	04 22.30		
GWF	9.86	8	eP	02 52.20	-1.0	
LPF	10.03	334	Pn	02 54.00	-1.4	
LDF	10.23	338	Pn	02 57.20	-1.1	
GRR.	10.28	335	Pn	02 56.80	-2.0	
WLF	10.45	2	P	03 10.00	8.8X	
FLN	10.49	337	ePn	03 01.00	-0.8	
DOU	10.90	357	iPc	03 08.00	0.7	
	0.7s	152.20nm			6.5mb X	
			S	05 05.60		
MEM	11.39	1	Pd	03 14.50	0.5	
KHC	11.44	27	P	03 15.00	0.2	
YKA	67.89	334	eP	11 29.20	0.5	
RLO	75.27	305	eP	12 18.00	4.7X	
TUL	75.92	305	eP	12 17.10	0.1	
	1.4s	12.30nm			4.8mb	
BHO	76.27	303	eP	12 19.50	0.5	
	1.0s	1.60nm			4.1mb	
BDW	79.46	317	e(P)	12 40.00	3.3X	
ALQ	83.14	310	eP	12 54.00	-2.1	
	0.9s	3.36nm			4.5mb	
BMN	85.09	320	e(P)	13 04.30	-1.6	
			e	13 07.00		
LTX	85.23	304	eP	13 08.50	1.9	
S.D. = 1.0 on 48 of 54 obs.						

* MAY 15, 1985 11h 10m 17.97± 1.92s
36.779 N ±12.6km 71.597 E ± 8.7km
DEPTH = 109.0 ± 21.3 km
4.3mb (7 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.63	212	iPc	12 08.00	-0.3	
			eS	13 29.05		
NDI	9.36	148	eP	12 57.00	25.6X	
			eS	14 12.00		
MHI	9.75	271	eP	12 21.00	-15.9X	
			eS	14 20.00		
KKN	14.62	124	eP	13 40.50	-0.4	
	0.7s	23.00nm			4.5mb	
DMN	14.63	125	eP	13 41.40	0.4	
	0.5s	19.00nm			4.6mb	
PKI	14.85	124	eP	13 43.90	0.0	
	0.7s	11.00nm			4.2mb	
GBA	23.66	166	P	15 21.00	0.6	
	0.5s	1.90nm			3.8mb	
HFS	43.14	322	eP	18 09.00	0.2	
	0.4s	5.60nm			4.7mb	
NB2	44.45	323	P	18 19.30	-0.1	
	0.4s	2.20nm			4.3mb	
INK	73.57	9	eP	21 40.00	-0.2	
COL	74.07	16	eP	21 43.00	-0.2	
YKA	80.94	3	eP	22 21.60	0.6	
WRA	81.73	122	P	22 25.00	-0.8	
	0.7s	1.10nm			3.8mb	
S.D. = 0.5 on 11 of 13 obs.						

? MAY 15, 1985 13h 20m 02.59± 1.48s
33.944 S ±14.9km 179.535 W ±19.7km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ	5.09	202	P	21 18.90	0.4	
			S	22 13.50		
CRZ	6.47	264	P	21 40.00	2.0	
MNG	7.75	209	eP	21 54.00	-2.0	
			S	23 20.00		
CTA	33.29	286	i(P)d	26 39.20	-0.1	
WB2	43.06	277	eP	28 00.50	-0.7	
WRA	43.07	277	Pc	27 59.80	-1.4	
	0.7s	2.70nm			4.1mb	
SBA	44.42	184	eP	28 13.30	1.9	
SPA	56.23	180	e(P)	29 41.60	-0.2	
KJF	145.40	339	iPKP	39 34.20	-3.6X	
	0.6s	15.60nm				
BNG	146.16	214	iPKPc	39 38.20	-2.5X	
	0.5s	10.00nm				
			i	39 52.20		
SUF	146.98	338	iPKP	39 37.20	-3.2X	
	0.5s	4.30nm				
NUR	149.12	337	ePKP	39 44.00	0.1	
	0.6s	9.10nm				
NB2	152.01	349	PKP	39 52.50	4.2X	
	0.6s	2.90nm				
KIC	152.13	169	ePKP	39 57.50	7.7X	
SLL	152.16	346	ePKP	39 52.60	4.1X	
	0.5s	7.50nm				
S.D. = 1.5 on 9 of 15 obs.						

? MAY 15, 1985 13h 34m 56.61±10.27s
33.642 S ±16.0km 72.243 W ±83.3km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.76	115	iPc	35 11.00	0.2	
			iS	35 19.50		
TACH	1.09	91	iPc	35 15.00	-0.6	
			iS	35 28.40		
ROCH	1.23	57	iP	35 17.40	-0.4	
			iS	35 30.80		
SAN	1.33	82	iPd	35 19.00	-0.1	
			iS	35 34.10		
PEL	1.39	70	iPd	35 20.40	0.4	
			iS	35 36.30		
PCH	1.44	90	iP	35 20.70	0.0	
FCH	1.66	80	iPd	35 24.50	0.4	
			iS	35 44.60		
MDZ	2.94	76	eP	35 48.60	6.4X	
			iS	36 24.40		
TCA	6.86	73	ePd	36 37.80	0.2	
S.D. = 0.4 on 8 of 9 obs.						

MAY 15, 1985 14h 12m 00.98± 0.62s
10.011 N ±12.8km 57.903 E ± 5.5km
DEPTH = 10.0km (geophysicist)
4.8mb (14 obs.)
CARLSBERG RIDGE (421)

GBA	19.45	78	Pc	16 31.20	0.4	
	0.7s	10.70nm			4.2mb	
SHI	20.17	346	eP	16 39.00	0.3	
HYB	21.36	68	eP	16 51.20	0.4	
QUE	21.78	22	eP	16 56.80	1.6	
NDI	25.95	42	eP	17 37.00	1.6	
KER	26.17	339	eP	17 43.00	5.5X	
MHI	26.21	3	iPc	17 41.40	3.5X	
IR2	26.32	347	eP	17 42.00	3.1X	
DMN	31.02	52	eP	18 22.90	1.4	
PKI	31.23	52	eP	18 24.80	1.3	
	0.7s	7.00nm			4.7mb	
KKN	31.24	52	eP	18 24.80	1.4	
	0.7s	9.00nm			4.8mb	
BNG	39.41	265	iPd	19 35.00	1.9	
	0.5s	5.00nm			4.4mb	
CHTO	40.62	73	e(P)	19 43.50	0.5	
PSI	41.38	97	ePc	19 50.50	1.2	
VAY	44.04	321	eP	20 11.50	0.9	
MLR	44.72	328	eP	20 20.00	3.7X	
SKO	45.11	321	eP	20 20.00	0.7	
KGM	45.81	97	ePc	20 24.80	-0.4	
CLO	46.14	326	eP	20 29.00	1.6	
GTA	47.39	45	P	20 37.80	0.3	
LJU	51.49	322	e(P)	21 09.50	0.7	
VOY	51.87	322	e(P)	21 13.00	1.2	
XAN	52.36	55	Pc	21 14.70	-0.9	
KHC	53.62	325	P	21 24.10	-0.6	
BRG	54.35	327	e(P)	21 30.00	0.1	
	1.6s	20.00nm			1.9mb	
CLL	55.08	327	eP	21 35.00	-0.4	
	1.7s	26.00nm			5.0mb	
TIY	56.05	51	eP	21 41.80	-0.9	
NUR	56.11	341	eP	21 41.00	-1.6	
WHN	56.15	60	eP	21 42.00	-1.4	
HHC	56.27	47	eP	21 44.00	-0.2	
CDF	56.97	322	eP	21 48.60	-0.5	
BSF	57.02	321	eP	21 48.50	-1.0	
SUF	57.37	343	iP	21 50.60	-1.0	
KJF	58.14	345	eP	21 56.00	-0.9	
SMF	58.44	319	eP	21 58.50	-0.8	
	1.5s	15.60nm			4.9mb	
LBF	58.47	320	eP	21 58.80	-0.8	
	1.4s	28.20nm			5.2mb	
LOR	58.65	320	eP	22 00.20	-0.6	
	0.9s	8.80nm			4.9mb	
SSF	58.80	319	eP	22 01.10	-0.7	
	0.8s	12.00nm			5.1mb	
AVF	58.80	319	eP	22 00.70	-1.1	
BGF	59.05	319	eP	22 03.30	-0.3	
	0.8s	11.60nm			5.1mb	
GRC	59.16	320	iPc	22 04.20	-0.1	
DOU	59.26	323	P	22 05.70	0.7	
TIA	59.39	54	eP	22 05.00	-1.1	
BJI	59.45	49	eP	22 06.00	-0.4	
LDF	61.61	320	eP	22 20.30	-0.8	
LPF	62.03	319	eP	22 23.20	-0.7	
	1.1s	9.00nm			4.9mb	
KIC	62.04	272	eP	22 27.00	2.5	
SNY	65.29	49	eP	22 44.00	-1.4	
CN2	66.95	47	eP	22 54.80	-1.2	
DAG	77.27	347	iPd	23 56.60	-0.1	
WRA	80.87	112	Pd	24 15.40	-1.8	
	1.0s	4.20nm			4.4mb	
ALE	83.93	353	eP	24 33.00	1.0	
	0.7s	4.00nm			4.8mb	
S.D. = 1.1 on 48 of 52 obs.						

* MAY 15, 1985 14h 44m 05.17± 1.07s
9.837 N ±18.4km 57.886 E ±10.3km
DEPTH = 10.0km (geophysicist)
4.7mb (4 obs.)
CARLSBERG RIDGE (421)

GBA	19.50	77	Pd	48 33.80	-1.8	
	0.4s	5.40nm			4.2mb	
SHI	20.33	346	eP	48 43.00	-1.6	
HYB	21.44	67	eP	48 58.00	2.1	
QUE	21.94	21	eP	49 01.20	0.2	
NDI	26.09	41	eP	49 40.00	-0.9	
MHI	26.38	3	iPc	49 44.60	1.0	
IR2	26.48	347	eP	49 45.00	0.4	
DMN	31.14	52	eP	50 28.60	1.9	
	0.8s	10.00nm			4.8mb	
PKI	31.35	52	eP	50 28.20	-0.5	
	0.8s	9.00nm			4.7mb	
KKN	31.36	52	eP	50 28.30	-0.3	
	0.8s	16.00nm			5.0mb	

```
BCAO   39.39 265 eP     51 37.00  -0.2
CHTO   40.69  73 eP     51 47.30  -0.4
KIC    62.03 272 eP     54 28.90   0.2
      S.D. = 1.3  on  13 of  13 obs.

•  MAY  15, 1985  15h 03m 53.41± 1.32s
    8 903 S ±15.5km  118.621 E ±10.4km
   DEPTH =  33.0km  (normal)
   4.2mb (  2 obs.)
 SUMBAWA ISLAND REGION              (285)

TRT     6.04 281 iPd    05 22.80  -0.1
       0.8s    42.70nm          5.1mb
MBL    12.24 175 eP     06 49.00   0.6
               eS     08 59.00
MTN    12.89 109 eP     06 58.00   0.9
               eS     09 14.00
NAU    13.89 192 eP     07 11.00   0.8
               eS     09 35.00
MEK    17.61 180 eP     07 57.00  -1.1
               eS     11 03.00
WRA    18.75 128 Pd     08 11.00  -1.1
       0.3s     0.50nm          3.2mb
      S.D. = 1.2  on   6 of   6 obs.

•  MAY  15, 1985  16h 37m 44.10± 1.47s
   36.526 N ±11.9km   34.339 E ±15.9km
   DEPTH =  33.0km  (normal)
 TURKEY                             (366)

CSS     1.76 208 eP     38 13.50   0.7
               e     38 27.00
               e     38 57.00
BHL     2.83 157 Pn     38 27.50  -0.5
               Sn     39 04.50
BCK     3.14 288 iPn    38 31.00  -1.5
ANTO    3.55 340 eP     38 39.00   0.7
ELL     3.57 275 iPn    38 40.40   1.8
YER     4.90 279 iPn    38 56.30  -1.1
      S.D. = 1.6  on   6 of   6 obs.

•  MAY  15, 1985  17h 52m 09.31± 0.79s
    7.099 S ± 8.4km  146.657 E ±11.3km
   DEPTH =  33.0km  (normal)
   4.3mb (  2 obs.)
 EAST PAPUA NEW GUINEA REGION       (207)

LAT     0.56  38 iPd    52 21.70   1.0
MDG     2.03 335 eP     52 41.00  -0.9
LMG     2.33 141 iPd    52 45.50  -0.7
WB2    17.48 222 eP     56 13.00   0.7
WRA    17.49 222 Pc     56 13.10   0.7
       0.4s     2.10nm          3.6mb
ASPA   20.53 215 eP     56 47.00  -0.7
       0.3s    23.00nm          5.0mb
      S.D. = 1.1  on   6 of   6 obs.

•  MAY  15, 1985  19h 02m 39.04± 1.01s
   66.505 N ± 9.7km  149.928 W ± 8.4km
   DEPTH =  10.0km  (geophysicist)
 ALASKA                             (676)
      ML 3.5 (PMR).

IMA     1.58 256 iPc    03 07.30   0.1
COL     1.84 150 iP     03 11.00   0.1
               eS     03 28.00
FBA     1.84 150 eP     03 11.00   0.1
TOA     4.71 158 eP     03 54.40   2.5X
PME     4.91 175 eP     03 54.40  -0.2
PMS     5.28 178 eP     03 59.90   0.0
INK     6.58  67 eP     04 18.00  -0.1
      S.D. = 0.2  on   6 of   7 obs.

?  MAY  15, 1985  19h 55m 53.79± 1.53s
    3.763 S ±11.1km  147.520 E ±29.3km
   DEPTH =  33.0km  (normal)
   3.8mb (  1 obs.)
 BISMARCK SEA                       (203)

MOM     1.71 356 eP     56 22.00   0.2
MDG     2.28 230 eP     56 31.00   1.2
LAT     2.92 190 eP     56 56.00  17.1X
PMG     5.62 184 eP     57 18.00   0.7
WB2    20.58 218 eP     00 31.20  -1.5
WRA    20.59 218 Pc     00 32.10  -0.7
       0.9s     3.70nm          3.8mb
      S.D. = 1.5  on   5 of   6 obs.

   MAY  15, 1985  20h 12m 45.81± 0.14s
   56.637 S ± 5.0km   25.330 W ± 4.3km
   DEPTH =  33.0km  (normal)
   5.8mb ( 18 obs.)  6.3Msz ( 24 obs.)
 SOUTH SANDWICH ISLANDS REGION      (153)
      Ms 6.5 (BRK), 6.0 (PAS).
      FAULT PLANE SOLUTION: P-Waves
       NP1:Strike=335 Dip=75 Slip=  90
       NP2:       155      15       90
       Principal Axes:
        T                Plg=60  Azm=245
        P                  30        65
      Comment: The focal mechonism is
        poorly controlled ond
        corresponds to reverse
        foulting. The preferred foult
        plane is NP2.
      MOMENT TENSOR SOLUTION
      Dep   8              No. of sta:  6
      Moment Tensor; Scale 10**25 d-cm
        Mrr= 3.74        Mtt=-3.76
        Mff= 0.02        Mrt=-3.44
        Mrf= 3.22        Mtf= 1.47
       Principal axes:
        T  Val=  6.17  Plg=62  Azm=239
        N        0.05      13       123
        P       -6.23      24        26
      Best Double Couple:Mo=6.2*10**25
       NP1:Strike= 90 Dip=24 Slip=  55
       NP2:       307      71       104
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 18S, 36C
      Centroid Locotion:
      Origin Time          20:12:52.9 0.2
      Lat 56.62S 0.02 Lon  25.50W 0.04
      Dep  10.0 FIX Half-durotion  6.1
      Moment Tensor; Scale 10**25 D-CM
        Mrr= 3.97 0.05  Mtt=-0.11 0.08
        Mff=-3.86 0.08  Mrt= 0.19 0.19
        Mrf= 3.80 0.26  Mtf= 1.89 0.06
       Principal Axes:
        T  Val=  5.65  Plg=65  Azm=292
        N        0.24      15       168
        P       -5.89      20        73
      Best Double Couple:Mo=5.8*10**25
       NP1:Strike=139 Dip=28 Slip=  58
       NP2:       355      66       106

SNA    16.96 153 eP     16 40.50  -1.2
       1.1s   688.61nm          5.7mb
AAS    17.61 238 eP-    16 51.00   1.2
       1.4s  1900.00nm          6.0mb
     Z  16s   153.00um
                eS     20 17.00
AIA    20.45 229 eP     17 24.70   2.0
AIA    20.45 229 eP     17 23.80   1.1
SYO    30.44 140 eP     18 56.50  -0.4
LPA    30.98 301 iP+    19 01.20  -0.7
     Z  20s    24.82um          5.9Msz
                IS     24 02.00
SPA    33.54 180 iPc    19 23.90  -0.4
       1.0s   423.00nm          6.3mb
     Z  18s    16.67um          5.8Msz
RDJ    36.17 331 iP+    19 49.60   2.8X
TCA    37.12 296 ePd    19 52.50  -2.4
VAO    37.15 326 iPc    19 57.20   2.0
                i     19 59.80
                i     20 08.00
                e     20 22.80
                e     20 37.70
MDZ    38.05 290 i(P)   20 03.50   0.8
PCH    38.34 287 iP     20 03.80  -1.4
FCH    38.45 288 iPd    20 05.40  -1.0
BACH   38.54 288 eP     20 05.00  -1.8
TACH   38.54 287 iPc    20 05.00  -1.7
LNV    38.56 286 iP     20 05.00  -1.8
PEL    38.80 288 iPd    20 07.30  -1.7
MAW    39.06 143 iPc    20 10.00  -0.6
ROCH   39.11 288 iPd    20 09.80  -1.9
CYA    40.08 297 iPc    20 17.00  -2.6
SLA    43.05 301 ePd    20 42.90  -1.2
BAO    44.40 328 iPc    20 55.80   0.8
                e     20 58.50
                e     20 59.50
BLF    45.23  75 iPd    21 01.00  -0.6
       0.7s    35.00nm          5.4mb

YJA    45.25 303 ePc    21 01.60  -0.6
SBA    45.56 184 iPc    21 04.10   0.6
       1.0s   280.00nm          6.1mb
ANT    46.31 296 iPc+   21 08.20  -1.8
       1.1s   101.27nm          5.7mb
VIR    46.41  75 iPd    21 11.00   0.1
       0.5s    49.30nm          5.7mb
BFS    47.31  74 iPd    21 17.50  -0.6
       1.0s    80.00nm          5.7mb
KSR    48.20  73 iPd    21 25.00  -0.1
BPI    48.55  74 iPd    21 21.80  -6.0X
       1.0s    84.00nm          5.7mb
EVA    48.84  75 eP     21 30.20   0.2
       1.2s    93.75nm          5.7mb
ITR    48.85 343 eP     21 29.50  -0.4
       1.4s    50.40nm          5.4mb
                e     21 32.80
                e     21 37.40
                e     21 47.80
                e     22 54.50
                e     23 14.60
JOZ    49.71  79 eP     21 38.50   2.0
LPB    51.33 303 iPc    21 50.00   0.6
     Z  23s    12.50um          5.9MszX
                S     29 06.00
                LR    37 08.00
ARE    52.99 300 iPd    22 01.50  -0.2
BUL    53.78  70 iPd    22 06.40  -0.9
                iS    29 39.00
                iP'P' 52 32.20
DRV    56.53 173 eP     22 24.90  -1.6
KRI    57.06  69 iPd    22 29.00  -2.1
                ipP   23 03.00 145kmX
                iP'P' 52 24.00
LSZ    57.64  67 iPc    22 33.40  -1.7
                i     30 25.60
                i     32 32.10
MTD    58.12  71 iPd    22 38.00  -0.5
                ipP   23 13.00 149kmX
NNA    59.44 297 iP     22 45.30  -2.3
       1.0s    90.00nm          5.9mb
     Z  22s     7.04um          5.7Msz
TET    59.70  72 iP     22 48.00  -1.3
                epP   23 20.00 134kmX
                e     44 28.00
                e     50 03.00
                e     52 19.00
CLK    60.82  73 iPd    22 58.00   0.9
KIC    65.02  23 eP     23 24.10  -0.6
AVY    65.10  87 ePd    23 26.80   1.3
BCAO   70.54  47 eP     23 59.00  -0.3
PSO    71.16 304 iP     24 04.00   0.5
BOG    72.75 308 eP     24 13.00   0.1
                iS    33 25.00
TRN    73.38 323 iPc    24 17.10   1.0
       1.1s   231.50nm          6.1mb
NAI    73.94  67 iPc    24 25.00   5.3X
       2.0s   176.47nm          5.7mb
BMG    74.52 310 eP     24 20.00  -2.9
GIE    75.86 291 P      24 31.20   0.8
                eS    34 06.00
MVM    76.87 325 eP     24 37.35   1.3
BIM    76.90 324 eP     24 37.23   1.1
CRM    77.07 325 eP     24 38.65   1.6
FDF    77.12 324 eP     24 39.13   1.7
MDN    77.75 324 ePc    24 42.50   1.7
MGG    78.29 325 ePc    24 44.50   0.8
MSZ    78.45 190 P      24 44.00  -0.4
PAG    78.51 324 eP     24 46.50   1.4
SEG    78.80 325 eP     24 47.60   1.0
UPA    79.05 305 iPc    24 48.00   0.0
       1.7s   615.38nm          6.3mb
     Z  20s     8.87um          6.1Msz
     N  20s     4.26um
     E  21s     2.15um
BPA    79.52 325 eP     24 50.00  -0.5
WEL    80.98 195 Pc     24 58.00   0.0
     Z  19s    18.06um          6.4Msz
                PP    26 45.00
                S     35 06.00
TCW    81.12 195 eP     24 57.00  -1.8
MNG    81.53 196 P      25 01.50   0.6
SJG    81.94 321 e(P)   25 02.00  -1.3
       0.9s    50.42nm          5.5mb
     Z  20s    10.64um          6.2Msz
AAE    83.77  63 iP     25 20.00   6.8X
NWAO   85.30 149 eP     25 21.00   0.7
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15d 20h

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                       eS     35 56.00
                       e      47 42.00
TOO      85.83 173 eP     25 23.00    0.0
                       eS     35 54.00
MUN      85.89 148 eP     25 23.00   -0.3
                       e      48 44.00
GWJ      85.94 312 eP     25 25.00    1.3
STH      85.97 312 eP     25 26.70    3.0X
BFD      85.99 170 iPc    25 23.40   -0.3
BBJ      86.43 311 eP     25 27.25    1.3
KLB      86.70 149 eP     25 27.50    0.2
BAL      87.33 148 eP     25 31.00    0.7
WAM      87.40 175 eP     25 30.80    0.2
ADE      87.75 167 iPc    25 33.10    0.7
   1.2s    168.75nm              6.2mb
ARO      87.95  66 eP     25 37.00    3.6X
CAN      88.28 175 eP     25 35.10    0.2
MRWA     88.41 147 iPd    25 36.50    0.9
KLG      88.48 152 eP     25 37.00    1.2
GCM      88.98 308 P      25 39.25    1.1
YOU      89.28 175 eP     25 39.80    0.1
AVE      90.87  15 eP     25 36.00  -10.6X
                       i      25 55.00
STK      91.13 169 eP     25 49.00    0.8
CMS      91.90 172 eP     25 52.00    0.2
WBN      94.18 153 iPc    26 03.10    0.7
VHO      94.42 295 iPd    26 04.50    0.9
NAU      94.49 144 eP     26 05.00    1.2
MAL      94.68  17 iP+    26 06.00    2.0
                       iPP    29 20.00
                       iS     37 24.00
                       iPS    38 25.00
                       iPPS   39 32.00
                       iSS    43 43.00
ALI      96.94  19 iP-    26 18.00    3.7X
TPM      97.07 294 ePd    26 17.50    1.9
OXM      97.65 293 ePd    26 20.00    1.6
TOL      97.82  16 iP     26 20.00    1.7
                       ePP    30 20.00
                       ePPP   32 52.00
                       iSKS   36 59.00
                       iS     37 53.00
                       iPS    39 10.00
                       iPPS   39 40.00
                       iSS    44 32.00
                       iSSS   48 10.00
ASPA     98.11 161 iPc    26 19.70   -0.6
                       ePP    30 17.00
                       eSKS   36 58.00
                       eS     37 45.00
                       ePS    39 13.00
HLW      98.58  47 eP     26 26.00    4.1X
                       iS     37 00.00
WRA     101.82 160 Pdiffc26 35.90   -1.0
   1.0s     11.30nm              5.4mb
WB2     101.82 161 ePdiff26 34.20   -2.7
ATH     102.97  38 ePdiff26 46.00    4.4X
                       ePP    31 08.00
                       eSKS   37 22.00
                       ePS    40 12.00
                       eSS    45 46.00
CTA     103.25 172 iPdiff26 44.00    0.8
                       i      30 54.00
                       i      38 27.00
                       i      45 41.00
RTB     105.17  52 ePKPc  31 17.00   11.4X
                       e      31 48.00
                       eS     37 34.50
                       eScS   39 50.00
                       eSSS   41 41.50
VAY     105.62  35 ePdiff27 03.00    9.7X
SKO     105.85  34 ePdiff26 50.00   -4.3X
                       ePP    31 18.80
                       iSKS   37 34.40
                       iPS    40 34.00
                       iSS    46 30.00
CTI     106.90  26 e(PKP)31 16.50    7.8X
JCT     107.04 300 e(Pdif27 00.00    0.1
JCT     107.04 300 e(PKP)31 25.00   15.6X
   Z  20s      2.84um            5.8Msz
TRI     107.11  28 ePdiff26 55.00   -4.8X
                       iPP    31 31.00
                       i      32 08.00
                       i      34 40.00
                       iSKS   37 40.00
                       iS     39 10.00
                       iPS    40 50.00
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                       iSPP   41 42.00
                       iSS    46 40.00
                       iSSS   50 24.00
VOY     107.44  28 ePKP   30 56.00  -13.7X
                       ePP    31 33.00
LJU     107.62  28 ePdiff27 08.50    6.4X
                       e      27 30.50
LJU     107.62  28 ePKP   31 30.00   20.1X
                       eSKS   37 42.50
GBA     108.27  93 PKPd   31 11.80   -0.2
   0.4s       3.80nm
KBA     108.28  27 ePKP   30 51.00  -20.4X
                       e      31 32.00
PPI     108.42 121 e(PKP)31 09.50   -2.9
VAL     108.92  10 ePdiff27 14.00    6.3X
                       S      37 44.00
CLO     109.08  34 ePKP   31 15.00    2.3
FVM     109.08 311 PKP    30 55.60  -17.4X
MSL     109.19  53 ePKP   31 33.00   19.8X
                       e      31 46.40
GRF     110.21  24 ePdiff27 18.00    4.4X
   Z  19s      9.00um            6.4Msz
KHC     110.25  26 ePKP   31 01.00  -13.8X
   Z  18s      3.60um            6.0Msz
   N  17s      2.40um
   E  17s      2.80um
                       e      31 43.00
                       e      32 13.50
                       S      41 22.00
PSI     110.46 118 e(PKP)31 16.00   -0.2
MOX     111.20  24 ePdiff27 25.00    7.1X
MOX     111.20  24 ePKP   31 28.00   11.4X
   Z  17s      7.50um            6.3MszX
   N  18s      9.00um
   E  18s      3.90um
                       ePP    32 09.00
                       ePPPP  36 08.00
                       eSKS   38 00.00
                       ePS    41 30.00
                       ePKKP  42 20.00
                       eSS    47 55.00
                       eSSS   51 12.00
                       LQ     58 00.00
                       LR     06 00.00
MOX     111.20  24 ePdiff27 30.00   12.1X
DBN     111.25  20 ePKP   31 22.00    5.5X
   Z  20s     11.50um            6.5Msz
                       eSKS   38 00.00
                       ePS    41 32.00
                       iSS    48 00.00
                       eSSS   51 36.00
                       eSSSS  55 17.00
BRG     111.95  26 ePKP   31 17.80   -0.1
   Z  20s      7.00um            6.2Msz
   N  20s      7.00um
   E  20s      4.00um
                       e      31 42.00
                       ePKKP  42 11.00
HYB     112.00  92 ePdiff27 24.00    1.8
HYB     112.00  92 ePKP   31 18.50   -0.5
SPC     112.04  30 ePKP   31 18.80    0.4
CLL     112.14  25 ePKP   31 22.00    3.7X
   Z  17s      5.00um            6.2MszX
                       ePP    32 11.00
                       PKKP   42 10.00
KSP     112.50  27 ePKP   31 21.00    2.0
KRA     112.74  30 ePdiff27 46.00   21.3X
   Z  20s      6.40um            6.2Msz
   N  20s      4.90um
   E  20s      5.20um
                       e      41 50.00
                       e      47 52.00
                       e      48 14.00
IPM     113.12 119 ePKPd  31 21.00   -0.3
ALQ     113.90 297 ePKP   31 21.50   -1.0
   Z  18s     13.14um            6.6Msz
HNR     114.03 186 ePKP   31 12.00  -11.0X
QUE     115.85  74 ePKP   31 27.00    0.6
                       eS     38 12.00
SCH     116.10 335 ePKP   31 25.00   -0.8
GLA     116.64 290 ePKP   31 27.00   -0.6
GLD     117.13 301 PKP    31 30.00    1.5
   Z  18s      4.14um            6.1Msz
GOL     117.17 301 PKP    31 28 40   -0.3
   Z  18s      3.90um            6.1Msz
BAR     117.31 288 ePKP   31 29.00    0.1
                       e      32 49.00
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PLM     117.93 289 ePKP   31 30.00   -0.2
                       e      32 55.00
TPC     118.10 290 ePKP   31 31.00    0.7
                       e      32 53.00
RVR     118.70 289 ePKP   31 32.00    0.6
BER     119.17  17 ePdiff28 10.00   17.0X
MWC     119.24 288 ePKP   31 33.00    0.3
                       e      33 02.00
GSC     119.41 290 ePKP   31 33.00    0.1
                       e      33 04.00
SBB     119.47 289 ePKP   31 33.00    0.0
                       e      33 04.00
MSU     119.54 296 PKP    31 33.20    0.0
RSSD    120.02 305 PKP    31 33.00   -0.9
   0.8s     28.17nm
CLC     120.22 290 ePKP   31 35.00    0.7
                       e      33 06.00
NDI     120.23  83 iPKPd  31 33.50   -1.0
                       eS     43 02.00
HFS     120.45  21 ePKP   31 32.80   -1.1
   0.6s      2.40nm
SYP     120.48 287 ePKP   31 35.00    0.0
                       e      33 11.00
ISA     120.56 289 ePKP   31 35.00    0.0
                       e      33 06.00
NB2     120.80  20 PKP    31 33.60   -1.0
   1.1s     15.90nm
CWC     120.95 290 ePKP   31 36.00    0.2
UPP     121.03  24 iPKP   31 34.60   -0.4
RSON    121.04 317 PKP    31 35.60    0.3
   Z  20s      8.47um            6.4Msz
DUG     121.15 297 PKP    31 36.00   -0.1
BDW     121.54 301 PKP    31 35.90   -1.0
   1.0s     11.75nm
PRI     122.07 288 ePKP   31 39.30    1.4
AKU     122.12   4 iPKP   31 39.90    3.0X
   1.1s     35.44nm
NST     122.18 112 ePKP   31 38.20   -0.2
EUR     122.18 294 iPKP   31 39.20    1.0
   1.0s      6.54nm
FRI     122.22 289 ePKPc  31 38.70    0.7
MNA     122.50 292 ePKP   31 39.70    1.0
LLA     122.58 288 ePKP   31 40.30    1.6
NUR     123.26  27 ePdiff28 28.00   16.7X
NUR     123.26  27 iPKP   31 40.20    1.0
   0.8s     17.60nm
   Z  18s      8.60um            6.5Msz
                       ePPS   43 28.00
                       eSS    49 40.00
                       e      50 56.00
                       eSSS   53 40.00
                       LR     27 00.00
JAS1    123.29 290 iPKPc  31 41.30    1.2
                       e      33 18.70
                       e      35 20.90
ARN     123.44 288 PKP    31 41.80    1.4
GCC     123.44 288 ePKP   31 41.70    1.4
MHC     123.49 288 ePKPc  31 42.20    1.6
BMN     123.53 294 PKP    31 41.30    0.6
   0.8s     19.26nm
DMN     123.74  90 iPKPd  31 41.50   -0.1
   1.0s     66.00nm
PKI     123.88  91 iPKPd  31 41.50   -0.5
   1.1s     64.00nm
KKN     123.98  90 iPKPd  31 42.10    0.1
   1.0s     46.00nm
CHG     124.19 109 ePKPc  31 42.40    0.0
   1.2s     26.56nm
                       eS     38 36.00
BKS     124.20 288 iPKPd  31 43.60    1.7
                       i      31 55.00
                       i      33 12.00
                       i      33 28.00
                       iPP    33 50.00
                       iPKS   35 40.00
                       i      47 22.00
                       i      51 12.00
                       iPSPS  51 50.00
                       eSSS   55 14.00
                       iSSSS  59 14.00
BRK     124.22 288 ePKP   31 43.00    1.2
FRB     124.57 338 ePKPc  31 41.10   -0.6
   0.9s     44.00nm
ORV     125.07 290 ePKP   31 43.90    0.4
                       e      33 39.70
LRM     125.20 301 ePKP   31 45.20    1.4
SUF     125.53  26 ePKP   31 43.00   -0.6
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DAV	125.54	144	ePKP	31	46.00	0.9
GAS	125.77	289	PKP	31	46.80	1.8
WDC	126.36	290	iPKPc	31	45.80	-0.2
KJF	127.16	26	iPKP	31	46.00	-0.7
	0.9s	49.00nm				
			i	31	55.60	
			ePPP	34	52.00	
			eSS	50	48.00	
			e	51	32.00	
			eSSS	55	20.00	
FFC	127.22	315	iPKPc	31	46.70	-0.4
	1.5s	83.00nm				
GDH	127.25	348	iPKPd	31	47.00	0.3
	0.8s	31.34nm				
	Z 18s	17.87um			6.8Msz	
			e	33	50.00	
			i	51	12.00	
KSH	127.69	74	PKPc	31	49.00	0.3
			PP	33	58.00	
			eSKKS	40	45.00	
SES	127.88	306	ePKP	31	47.60	-1.0
	1.1s	60.00nm				
			pP	33	48.00	
LSA	128.70	94	PKP	31	51.00	-0.3
			PP	34	01.50	
NEW	129.17	301	ePKP	31	50.00	-1.1
	Z 20s	13.00um			6.6Msz	
SOD	129.55	23	iPKP	31	51.20	0.0
COR	129.63	293	ePKP	31	54.00	2.0
QIZ	129.86	120	ePKP	31	52.50	-0.7
			sPKP	32	07.00	
EDM	130.88	307	iPKPc	31	54.00	-0.2
	1.0s	120.00nm				
OCP	130.90	135	ePKP	31	48.00	-7.2X
PNT	131.09	300	ePKP	31	55.00	0.3
	1.2s	71.00nm				
KMI	131.36	108	PKPc+	31	55.50	-0.7
	8.0s	0.80nm				
	N 22s	8.50um				
			sPKP	32	28.00	
			PP	35	19.50	
KEV	131.59	22	ePKP	31	54.00	-1.0
			ePPP	35	04.00	
			eSS	51	28.00	
			e	53	40.00	
			e	56	48.00	
BAG	132.31	133	ePKP	31	56.00	-2.1
DAG	133.21	2	ePKP	31	56.00	-1.9
GYA	134.49	111	PKP	32	02.00	0.0
			sPKP	32	15.00	
			PP	34	39.00	
			PKS	35	36.00	
			SS	52	15.00	
HPC	134.72	122	ePKP	32	02.00	-0.3
			ePP	34	39.00	
ZZH	135.00	121	PKP	32	03.50	0.7
			PP	34	41.00	
D2	136.51	104	PKP	32	05.00	-0.6
WMQ	137.01	78	PKP	32	06.20	0.0
			PP	35	20.00	
			PKS	35	40.00	
			SKKS	41	44.00	
KBS	137.11	10	ePKP+	32	04.00	-1.3
	Z 18s	8067.00um			9.5MszX	
YKC	137.24	317	ePKP	31	56.00	-9.9X
	1.4s	119.00nm				
RSNT	137.29	317	PKP	32	06.20	0.2
YKA	137 30	317	ePKP	31	54.40	-11.6X
QZH	139.02	125	PKPd	32	12.00	1.7
			PP	35	06.00	
			PKS	35	46.00	
			SKKS	41	52.00	
ALE	140.19	353	ePKP	32	03.00	-7.9X
	0.7s	15.00nm				
LZH	140.49	99	ePKP	32	06.50	-6.4X
	7.0s	1476.00nm				
	E 15s	2.50um				
			ePP	35	16.00	
			eS	41	50.00	
ANP	140.52	129	ePKP	32	08.00	-5.2X
GTA	140.66	92	PKP	32	06.70	-6.4X
XAN	141.68	106	PKP	32	09.00	-6.0X
MBC	144.94	335	ePKP	32	17.00	-2.2
	0.8s	193.00nm				
			pP	32	41.00	
NJ2	145.15	120	PKPc	32	21.00	0.2
			SKKS	42	30.00	

SSE	145.45	123	iPKPc+	32	21.00	-0.4
	1.4s	517.00nm				
	Z 20s	15.50um			6.8Msz	
	N 20s	9.80um				
	E 20s	5.30um				
			sPKP	32	46.00	
			PP	33	18.00	
			SKS	39	20.00	
TIY	146.32	106	PKPc	32	22.00	-0.8
			PP	35	57.00	
			SKKS	42	35.50	
PNL	146.36	303	ePKP	32	24.30	2.2
INK	146.90	320	ePKP	32	20.00	-2.6
	1.0s	154.00nm				
BTO	147.10	100	PKPc	32	24.00	0.0
			i	32	27.20	
			SKKS	42	40.50	
TIA	147.62	113	PKPd	32	25.00	0.2
			SKKS	42	43.00	
			SS	54	52.00	
HHC	148.11	101	PKPc	32	24.50	-1.1
			sPKP	32	40.00	
			PP	36	18.00	
			SKKS	42	46.00	
BJI	150.01	107	PKPc	32	28.50	0.2
			sPKP	33	05.00	
			SKKS	42	58.00	
			SS	55	20.00	
PME	151.49	304	ePKP	32	24.70	-5.2X
	Z 20s	8.50um			6.5Msz	
			i	32	37.20	
PMR	151.52	304	PKP	32	28.50	-1.4
	Z 20s	5.00um			6.3Msz	
COL	151.69	311	ePKP	32	27.00	-3.1X
	Z 20s	13.83um			6.8Msz	
			i	32	36.70	
			e	32	46.00	
FBA	151.69	311	PKP	32	36.80	6.7X
FBA	151.69	311	ePKP	32	26.90	-3.2X
KDC	151.95	295	ePKP	32	38.20	7.5X
DL2	151.97	115	PKPc	32	31.00	-0.3
			PP	36	25.00	
SHK	153.29	137	ePKP	32	41.60	8.2X
IMA	154.27	313	ePKPc	32	31.30	-2.6
			i	32	43.50	
BRW	155.07	325	ePKP	32	31.80	-2.8X
SNY	155.15	113	PKPc	32	35.00	-0.6
			i	33	00.00	
			ePP	36	33.00	
			SKKS	43	22.00	
			SS	56	20.00	
DDR	156.86	147	ePKP	32	38.60	0.4
MAT	157.05	144	ePKP	32	38.00	-0.4
	Z 20s	6.21um			6.4Msz	
CN2	157.52	112	PKPc	32	38.00	-0.7
			e	33	17.00	
			PKS	36	11.00	
			ePP	36	59.50	
			SKKS	43	37.00	
			SS	56	40.00	
MDJ	160.19	117	PKPc	32	41.00	-0.6
			e	33	24.00	
			PP	37	10.00	

S.D. = 1.1 on 196 of 246 obs.

? MAY 15, 1985 20h 22m 44.97± 1.28s
5.594 S ±22.9km 151.369 E ±26.4km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.61	30	iPc	23	11.50	0.1
LAT	4.47	256	eP	23	52.00	-0.2
LMG	4.59	224	iPd	23	53.00	-1.0
PMG	5.64	228	eP	24	10.50	1.8
WB2	21.85	228	eP	27	36.20	-0.5
WRA	21.86	228	Pd	27	36.60	-0.2
	0.5s	4.80nm			4.2mb	

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

? MAY 15, 1985 20h 32m 34.96± 0.78s
56.681 S ±15.5km 25.168 W ±25.6km
DEPTH = 33.0km (normal)
5.1mb (3 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SPA	33.50	180	iPc	39	13.00	-0.1
	1.0s	35.00nm			5.2mb	
S8A	45.52	184	eP	40	52.30	0.0
ITR	48.91	343	eP	41	24.60	5.0X
SOB1	48.92	339	eP	41	21.00	1.3
			e	41	23.50	
LP8	51.43	303	iPc	41	39.00	-0.3
	1.0s	80.00nm			5.6mb	
ARE	53.09	300	eP	41	50.00	-1.6
BCAO	70.50	47	eP	43	46.80	-1.4
	0.8s	1.83nm			4.2mb	
YKA	137.40	317	ePKP	51	55.90	0.5
MBC	145.02	335	ePKP	52	08.00	-0.5
INK	147.00	320	ePKP	52	14.00	2.1
BJI	149.91	107	ePKP	52	22.00	4.7X
COL	151.78	311	ePKP	52	25.00	5.6X
	0.8s	6.34nm				

S.D. = 1.4 on 9 of 12 obs.

• MAY 15, 1985 21h 02m 18.80± 1.04s
5.603 S ±13.2km 152.786 E ±11.3km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.53	336	eP	02	44.00	-0.1
BGA	2.44	103	eP	02	57.00	-0.3
			eS	03	39.00	
KVG	3.61	327	e(P)	04	00.00	46.3X
LMG	5.65	234	eP	03	41.00	-1.8
PMG	6.74	236	eP	03	58.00	-0.1
	Z 18s	32.65um				
WB2	22.90	230	eP	07	21.50	0.5
WRA	22.91	230	P	07	23.00	1.9
	0.7s	3.80nm			4.0mb	

S.D. = 1.6 on 6 of 7 obs.

? MAY 15, 1985 21h 51m 34.48± 2.76s
55.051 N ±24.6km 162.056 W ±15.8km
DEPTH = 67.9 ± 21.1 km
4.6mb (6 obs.)
ALASKA PENINSULA (12)

KDC	5.96	59	eP	53	02.50	0.5
TTA	8.49	19	eP	53	37.70	0.5
INK	18.71	34	eP	55	48.00	-1.6
YKA	25.17	54	eP	56	54.70	0.2
MBC	26.45	21	eP	57	07.00	0.8
MAT	44.08	271	eP	59	36.00	-1.2
	0.9s	13.45nm			4.7mb	
FRB	44.21	40	eP	59	37.00	-0.8
SUF	62.39	356	eP	01	51.00	-0.7
NB2	64.13	4	P	02	03.00	-0.3
	0.8s	2.40nm			4.2mb	
NUR	64.66	356	eP	02	06.00	-0.6
HFS	65.11	2	eP	02	08.70	-0.8
	0.5s	2.20nm			4.4mb	
KHC	76.13	3	eP	03	17.50	1.4
KKN	79.46	304	eP	03	35.50	0.4
	0.7s	8.00nm			4.8mb	
PKI	79.59	304	eP	03	35.80	-0.1
	0.6s	5.00nm			4.6mb	
DMN	79.70	304	eP	03	36.80	0.4
	0.7s	11.00nm			4.9mb	
IR2	85.33	334	(P)	04	07.00	1.9

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

MAY 15, 1985 22h 08m 27.26± 0.81s
24.095 N ± 8.0km 122.526 E ± 8.8km
DEPTH = 10.0km (geophysicist)
4.2mb (3 obs.)
TAIWAN REGION (243)

TWC	0.80	310	iPd	08	43.50	0.7
TWD	0.85	269	iPc	08	42.70	-0.9
			eS	08	52.00	
TWZ	1.32	319	iP	08	53.10	1.5
			eS	09	10.60	
ANP	1.42	320	eP	08	55.50	2.3
	0.8s	1671.64nm				
			eS	09	11.50	
TWK	2.04	247	ePd	09	02.00	-0.1
OZH	3.68	284	Pnc	09	23.10	-2.3
			Sn	10	01.90	
SSE	7.07	351	Pn	10	13.10	-0.2
			Lg	12	24.00	
NJ2	8.56	339	eP	10	33.00	-1.1
			S	12	08.50	

15d 22h

GYA	14.54	283	eP	11 55.00	-0.2	
XAN	15.47	313	P	12 12.40	5.3X	
CD2	17.97	296	P	12 38.40	-0.5	
KMI	18.02	277	eP	12 42.00	2.3	
CN2	19.80	6	eP	13 00.00	-0.7	
LZH	20.06	311	eP	13 03.50	-0.2	
CHTO	22.56	261	eP	13 29.30	0.3	
	1.0s		6.75nm		4.1mb	
GTA	24.52	314	eP	13 47.80	-0.4	
WRA	45.26	164	Pc	16 47.80	0.9	
	0.5s		1.80nm		4.3mb	
WB2	45.26	164	eP	16 46.80	-0.1	
NB2	78.87	332	P	20 30.00	-2.0	
	0.9s		2.20nm		4.2mb	
YKA	82.57	23	eP	20 52.20	0.7	
	S.D. = 1.3		on 19 of 20 obs.			

* MAY 15, 1985 23h 46m 19.63± 0.78s
17.779 S ± 9.7km 168.641 E ± 8.9km
DEPTH = 204.4 ± 7.1 km
4.8mb (6 obs.)
VANUATU ISLANDS (186)

PVC	0.32	277	iP	46 48.00	0.2	
			iS	47 10.00		
NOU	4.96	204	iPc	47 32.50	-1.7	
			iS	48 32.00		
KOU	4.96	235	iPd	47 35.30	1.0	
			iS	48 38.20		
RMO	20.34	241	eP	50 42.00	0.3	
CTA	21.30	260	iPd	50 53.50	2.3	
	0.8s		13.43nm		4.5mb	
MNG	23.51	167	P	51 11.80	-0.6	
YOU	24.45	224	eP	51 21.70	0.4	
CAN	24.70	221	eP	51 23.80	0.2	
CMS	24.76	232	eP	51 24.00	-0.1	
WAM	25.34	220	eP	51 30.60	1.2	
WB2	32.49	261	eP	52 31.20	-1.9	
ASPA	32.96	254	eP	52 36.00	-1.2	
	0.3s		50.00nm		5.6mb	
			eS	57 37.00		
MAT	61.20	332	iPc	56 13.70	-1.3	
	0.9s		22.69nm		4.9mb	
DL2	71.51	323	eP	57 19.60	-0.3	
PSI	71.59	279	eP	57 20.00	-0.9	
CN2	72.92	329	eP	57 27.40	-0.7	
XAN	76.71	313	P	57 49.80	-0.1	
KMI	77.02	302	eP	57 53.00	0.9	
CHG	77.53	295	ePc	57 55.20	0.5	
	0.7s		8.22nm		4.6mb	
MHC	85.41	49	eP	58 36.00	0.6	
ARN	85.50	49	eP	58 36.00	0.3	
PRI	85.60	50	e(P)	58 37.20	0.8	
GTA	85.71	314	P	58 37.80	0.9	
WDC	86.24	45	iPd	58 39.70	0.5	
ORV	86.49	47	iPd	58 40.70	0.2	
JAS1	86.54	48	ePd	58 40.80	0.0	
FRI	86.65	50	iPd	58 41.60	0.3	
MNA	88.37	49	e(P)	58 50.00	0.3	
BMN	89.84	47	iP	58 57.00	0.5	
	0.8s		9.56nm		4.8mb	
EUR	90.35	48	iP	58 58.80	-0.2	
	0.5s		11.17nm		5.1mb	
YKA	99.64	27	eP	59 40.60	0.1	
YKC	99.69	27	eP	59 41.00	0.2	
KJF	126.63	340	ePKP	04 58.00	-1.5	
	0.6s		15.60nm			
SUF	128.14	339	ePKP	05 00.00	-2.4	
NUR	130.17	338	ePKP	05 03.00	-3.3X	
APO	133.61	343	ePKP	05 11.80	-1.1	
	0.5s		4.90nm			
N82	133.89	345	PKP	05 12.00	-1.5	
	0.7s		1.70nm			
SOB1	140.37	130	e(PKP)	05 19.00	-7.9X	
ITR	142.45	132	ePKP	05 23.30	-7.2X	
KHC	142.78	333	ePKP	05 26.50	-3.6X	
WTS	142.97	341	ePKP	05 29.50	-0.7	
SKO	143.08	318	e(PKP)	05 27.00	-3.8X	
GRF	143.34	335	ePKP	05 27.70	-3.3X	
OHR	143.93	317	e(PKP)	05 29.00	-3.3X	
ENN	144.31	341	ePKP	05 31.00	-1.6	
KBA	144.41	331	iPKPc	05 30.30	-2.8X	
	0.6s		12.90nm			
			i	05 34.20		
MEM	144.42	341	PKPd	05 31.20	-1.5	
FUR	144.51	334	iPKPd	05 32.00	-1.1	
	1.0s		66.00nm			
LJU	144.57	328	ePKP	05 31.50	-1.7	
UCC	144.75	343	PKP	05 33.00	-0.3	
VOY	144.90	329	ePKP	05 31.50	-2.4	
ETA	144.92	355	iPKPc	05 32.30	-1.2	
	0.6s		55.00nm			
WLF	145.20	340	PKPc	05 34.00	-0.1	
GWF	145.28	338	iPKPc	05 33.80	-0.5	
ECB	145.30	355	iPKPc	05 33.90	-0.3	
	0.7s		60.00nm			
DOU	145.31	342	PKPc	05 33.80	-0.5	
	0.7s		80.00nm			
BUH	145.31	337	ePKP	05 33.40	-1.0	
ECP	145.45	355	iPKPc	05 33.80	-0.6	
	0.8s		135.00nm			
CDF	145.88	338	ePKP	05 35.20	-0.3	
VAL	145.90	359	iPKP	05 35.70	0.5	
CTI	145.96	331	ePKP	05 36.00	0.3	
SLE	145.96	336	ePKPd	05 35.50	0.0	
SAX	146.03	334	ePKPd	05 37.00	1.0	
OSS	146.14	333	ePKPd	05 37.10	1.0	
ZUL	146.23	336	ePKPd	05 36.70	0.7	
LLS	146.48	334	ePKPd	05 37.80	1.2	
BSF	146.54	338	ePKP	05 36.80	0.2	
HAU	146.56	338	ePKP	05 37.10	0.6	
VDL	146.59	334	ePKPd	05 38.30	1.5	
SAL	146.80	331	ePKP	05 38.50	1.6	
MMK	147.56	335	ePKP+	05 41.00	2.6X	
AQU	147.68	325	ePKP	05 41.50	3.0X	
SGO	147.71	320	ePKP	05 40.50	2.0	
DIX	147.76	335	ePKP+	05 41.60	2.8X	
FLN	147.86	346	ePKP	05 40.20	1.7	
BNG	147.87	249	iPKPc	05 41.10	1.5	
	0.6s		24.00nm			
ORO	147.90	334	ePKP	05 40.50	1.7	
LDF	147.93	346	ePKP	05 40.40	1.8	
EMS	147.96	336	ePKPd	05 42.00	3.0X	
LOR	148.04	340	iPKPc	05 41.00	2.1X	
MNS	148.05	325	iPKPc	05 41.10	2.2X	
LBF	148.25	340	ePKP	05 41.50	2.3X	
GRC	148.26	341	ePKPc	05 41.80	2.7X	
GRR	148.29	347	ePKP	05 41.60	2.4X	
SSF	148.33	340	iPKPc	05 41.80	2.5X	
SMF	148.59	340	ePKP	05 42.40	2.7X	
AVF	148.62	340	ePKP	05 42.20	2.5X	
LPF	148.67	347	ePKP	05 42.70	2.9X	
BGF	148.99	341	ePKP	05 43.40	3.0X	
MZF	149.38	341	iPKPc	05 44.40	3.4X	
TCF	149.43	341	iPKPc	05 44.40	3.3X	
LSF	149.66	342	ePKP	05 44.80	3.4X	
MFF	149.80	345	ePKP	05 45.40	3.9X	
CVF	149.89	329	ePKP	05 45.60	3.7X	
FRF	150.13	333	ePKP	05 46.00	3.8X	
LRG	150.34	333	ePKP	05 46.60	4.2X	
RJF	150.52	341	ePKP	05 47.00	4.3X	
CAF	150.69	340	ePKP	05 47.60	4.6X	
LFF	151.09	342	ePKP	05 48.40	4.9X	
LPO	151.18	341	ePKP	05 48.60	4.9X	
	S.D. = 1.1		on 67 of 100 obs.			

MAY 16, 1985 00h 22m 03.96± 0.32s
56.593 S ± 7.6km 25.308 W ± 7.6km
DEPTH = 33.0km (normal)
5.1mb (8 obs.) 5.1Msz (1 obs.)
SOUTH SANDWICH ISLANDS REGION (153)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 23C
Centroid Location:
Origin Time 00:22:11.9 0.7
Lat 56.50S 0.08 Lon 25.17W 0.15
Dep 10.0 FIX Hslf-duration 2.1
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.82 0.10 Mtt=-0.23 0.17
Mff=-1.59 0.14 Mrt= 0.59 0.36
Mrf= 0.42 0.47 Mtf= 0.80 0.10
Principal Axes:
T Val= 2.08 Plg=70 Azm=330
N -0.12 20 157
P -1.96 2 66
Best Double Couple:Mo=2.0*10**24
NP1:Strike=136 Dip=46 Slip= 62
NP2: 354 50 116

SNA	16.99	153	eP	26 00.60	0.4	
SPA	33.59	180	iPc	28 43.00	0.2	
	1.0s		66.00nm		5.5mb	
VAO	37.12	326	eP	29 14.20	1.1	
			e	29 18.20		
			e	29 30.10		
			e	29 46.50		
MAW	39.09	143	eP	29 30.00	1.0	
SLA	43.04	301	ePc	30 01.20	-1.0	
BAO	44.37	328	e(P)	30 13.50	0.6	
BLF	45.21	75	e(P)	30 20.50	0.9	
SBA	45.61	184	iPd	30 23.20	1.2	
BFS	47.28	74	eP	30 36.00	0.0	
KSR	48.17	73	iPc	30 44.40	1.4	
	1.0s		15.00nm		5.0mb	
BPI	48.52	74	eP	30 40.00	-5.8X	
	0.9s		33.61nm		5.4mb	
ITR	48.81	343	eP	30 48.00	0.3	
	1.4s		6.00nm		4.4mb	
			e	31 22.40		
SOB1	48.81	339	eP	30 47.40	-0.4	
	0.8s		3.30nm		4.4mb	
			epP	30 49.50	7kmX	
EVA	48.82	75	eP	30 49.00	1.0	
	1.0s		30.00nm		5.3mb	
LPB	51.32	303	Pc	31 08.00	0.5	
			LR	56 05.00		
ARE	52.98	300	eP	31 19.00	-0.8	
BUL	53.75	70	iPc	31 25.90	0.7	
			ipP	31 39.10	48kmX	
DRV	56.57	173	eP	31 44.50	-0.5	
KRI	57.03	69	eP	31 47.00	-2.1	
			ipP	32 02.00	56kmX	
LSZ	57.61	67	iPc	31 51.00	-2.1	
			i	32 06.30		
MTD	58.10	71	eP	31 55.00	-1.4	
			ipP	32 10.00	56kmX	
TET	59.67	72	eP	32 07.00	-0.3	
			e	32 20.00		
KIC	64.97	23	eP	32 43.20	0.7	
	1.1s		45.00nm		5.5mb	
BNG	70.50	47	iPc	33 17.10	-0.1	
	0.6s		8.00nm		5.0mb	
PSO	71.15	304	eP	33 22.50	0.9	
BOG	72.73	308	eP	33 36.00	5.1X	
MSZ	78.50	190	eP	34 01.00	-1.8	
ALQ	113.89	297	ePKP	40 38.50	-2.2	
	Z 18s		0.43um		5.1Msz	
PKI	123.87	90	ePKP	40 59.40	-0.7	
FRB	124.53	338	ePKP	41 01.00	1.3	
LRM	125.18	301	ePKP	41 02.90	0.9	
SUF	125.49	26	iPKP	41 02.60	0.9	
KJF	127.12	26	iPKP	41 06.00	1.2	
	0.7s		13.30nm			
EDM	130.86	307	ePKP	41 11.00	-1.3	
DAG	133.16	2	ePKP	41 16.00	0.0	
YKC	137.22	317	ePKP	41 25.00	1.0	
	1.0s		13.00nm			
YKA	137.28	317	ePKP	41 23.30	-0.8	
MBC	144.91	335	ePKP	41 36.50	-0.8	
	0.8s		25.00nm			
INK	146.88	320	ePKP	41 41.00	0.3	
BJI	150.01	107	ePKP	41 52.00	5.5X	
COL	151.67	311	ePKP	41 54.00	5.7X	
	0.9s		11.76nm			
	S.D. = 1.1		on 37 of 41 obs.			

* MAY 16, 1985 00h 32m 59.96± 0.37s
56.561 S ± 9.2km 25.093 W ± 8.0km
DEPTH = 33.0km (normal)
5.2mb (5 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SPA	33.62	180	eP	39 39.00	-0.1	
	1.2s		35.92nm		5.2mb	
VAO	37.16	325	eP	40 10.60	1.2	
BAO	44.41	328	e(P)	41 09.90	0.7	
SBA	45.65	183	iPd	41 18.80	0.5	
BFS	47.16	73	eP	41 31.90	0.9	
BPI	48.40	74	eP	41 36.00	-4.8X	
EVA	48.70	75	eP	41 44.50	1.4	
SOB1	48.83	339	eP	41 43.10	-0.8	
	0.9s		4.40nm		4.5mb	
			epP	41 47.80	16kmX	
LPB	51.40	303	iPd	42 04.20	0.1	
	1.1s		151.90nm		5.9mb	
			LR	48 05.00		
ARE	53.07	300	iPc	42 15.50	-0.9	
	1.0s		80.00nm		5.6mb	
BUL	53.63	70	iPc	42 20.40	0.1	
KRI	56.91	69	eP	42 43.00	-1.2	

EDR No. 5-85
October 16, 1985
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U. S. DEPARTMENT OF THE INTERIOR

Geological Survey

EARTHQUAKE DATA REPORT

The Earthquake Data Report (EDR) is issued to those individuals and organizations having a special need for information used in the preparation of the Preliminary Determination of Epicenters (PDE) monthly listing.

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 Baysian 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 $20° \leq \Delta \leq 160°$, 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 $\Delta \leq 5°$. 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.

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 (°) appears as "`".

References

Bolt, Bruce A. (1968), Estimation of PKP Travel Times, *Bull. Seis. Soc. Am.*, **58**, pp. 1305–1324.

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.

LSZ	57.49	67	iPd	42	47.60	-0.6
MTD	57.97	71	iPc	42	51.00	-0.6
KIC	64.89	22	eP	43	38.30	0.3
BNG	70.40	47	iPc	44	12.50	-0.1
	0.9s	6.00nm			4.7mb	
PKI	123.75	90	ePKP	51	55.00	-0.9
LRM	125.27	301	ePKP	51	58.20	0.1
YKC	137.28	317	ePKP	52	20.00	-0.1
YKA	137.34	317	ePKP	52	20.20	0.0
MBC	144.93	335	ePKP	52	32.00	-1.3
	1.0s	25.00nm				
SSE	145.39	123	ePKP	52	35.80	0.4
INK	146.93	320	ePKP	52	38.00	1.2
BJI	149.90	107	ePKP	52	47.00	4.7X
COL	151.74	311	ePKP	52	50.00	5.6X
	1.0s	23.00nm				
	S.D. = 0.8	on	22 of	25 obs.		

MAY 16, 1985 01h 06m 18.69± 0.30s
17.786 S ± 6.0km 178.633 W ± 3.7km
DEPTH = 576.5 ± 3.6 km
5.2mb (39 obs.)
FIJI ISLANDS REGION (181)

KRO	1.94	284	iPc	07	31.40	-0.6
MBU	2.65	287	iP	07	35.40	0.9
VUN	2.77	265	eP	07	34.00	-1.1
SVA	2.79	263	eP	07	35.70	0.5
SGE	3.29	273	iPc	07	38.80	0.5
NDF	3.73	270	iPc	07	42.10	1.0
YSA	3.78	286	iP	07	42.00	0.6
AFI	7.64	61	P	08	10.00	-4.5X
			S	09	41.00	
NUE	8.36	100	P	08	21.10	-0.3
			S	10	07.00	
NOU	14.72	250	iPc	09	23.90	-0.5
KOU	16.38	258	iPc	09	41.50	1.0
			iS	12	23.10	
CRZ	18.31	203	P	10	02.30	3.4X
AFR	27.49	94	iP	11	20.70	-0.9
	0.7s	100.00nm			5.6mb	
PAE	27.66	94	iP	11	22.20	-0.9
	0.7s	90.00nm			5.5mb	
PPT	27.68	94	iP	11	26.00	2.7
	0.7s	100.00nm			5.6mb	
PPN	27.82	94	iP	11	23.60	-0.9
	0.7s	45.00nm			5.2mb	
TVO	27.97	95	iP	11	25.30	-0.6
	0.7s	75.00nm			5.4mb	
MSZ	29.08	200	P	11	34.50	-0.7
PMO	29.60	89	iP	11	39.20	-0.7
	0.7s	30.00nm			5.0mb	
COO	29.65	239	iPd	11	40.60	0.3
	0.5s	85.00nm			5.6mb	
VAH	29.81	90	iP	11	40.80	-0.9
	0.7s	40.00nm			5.2mb	
TPT	29.87	89	iP	11	41.40	-0.7
	0.7s	50.00nm			5.3mb	
RUV	30.06	90	iP	11	42.80	-1.0
	0.7s	65.00nm			5.4mb	
RMO	31.35	248	iPd	11	55.20	0.5
	0.7s	197.00nm			5.8mb	
CTA	33.26	260	iPd	12	10.30	-0.4
	0.8s	48.51nm			5.2mb	
CAN	33.61	232	iPd	12	13.90	0.3
YOU	33.69	234	iPd	12	15.00	0.7
WAM	34.04	231	iPd	12	18.30	1.2
AG	34.23	280	iPd	12	19.00	0.1
	0.9s	252.10nm			5.8mb	
CMS	34.30	240	iPd	12	24.30	0.0
	1.0	24.00nm			5.1mb	
			ipcP	14	41.00	
LAT	35.29	284	eP	12	28.50	0.8
MDG	36.94	285	eP	12	40.50	-0.7
TOO	37.08	231	iPd	12	42.90	0.7
	1.0s	178.00nm			5.6mb	
STK	38.51	241	iPd	12	54.50	0.7
	1.0s	238.00nm			5.7mb	
BFD	39.14	232	eP	12	59.00	0.1
ADE	41.52	237	iPd	13	18.00	-0.1
	0.8s	74.63nm			5.3mb	
JAY	42.67	286	ePd	13	17.00	-10.3X
WB2	44.43	259	iPd	13	39.50	-1.5
			iPcP	15	11.80	
WRA	44.44	259	Pc	13	40.30	-0.7
	0.4s	26.80nm			5.1mb	
ASPA	44.62	254	iPd	13	42 00	-0.4
			iPcP	15	12.00	
			eS	19	35.00	
GUA	47.57	308	eP	14	04.30	-0.6
	0.7s	219.18nm			5.8mb	
GUMO	47.63	308	eP	14	04.50	-0.9
MTN	48.59	268	iPd	14	11.10	-1.6
	0.5s	62.00nm			5.4mb	
KNA	50.27	264	iPd	14	24.10	-0.9
	0.5s	105.00nm			5.6mb	
WBN	51.18	250	iPd	14	31.20	-0.4
	0.5s	80.00nm			5.4mb	
DRV	55.71	199	eP	15	02.80	-0.2
NWAO	59.08	242	eP	15	25.00	-1.4
RKG	59.23	241	iPd	15	26.80	-0.6
BAL	59.64	245	eP	15	28.90	-1.3
MUN	59.99	243	iPc	15	30.50	-1.9
	0.5s	22.00nm			4.7mb	
MRWA	60.36	246	iPd	15	33.80	-1.1
	0.5s	25.00nm			4.8mb	
SBA	60.53	184	iPd	15	36.80	1.5
	0.9s	33.61nm			4.7mb	
			e	32	29.20	
NAU	61.58	254	iPd	15	42.40	-0.5
MAT	67.68	323	iPd	16	19.60	-1.2
	0.8s	26.12nm			4.8mb	
KKM	68.50	284	ePd	16	26.00	-0.3
SPA	72.33	180	iPd	16	48.90	0.9
	0.9s	63.64nm			5.1mb	
GCC	76.27	43	ePc	17	10.40	0.3
PRS	76.29	44	ePc	17	10.90	0.6
SAO	76.49	44	eP	17	11.50	0.2
PRI	76.66	45	ePc	17	13.10	0.7
MHC	76.68	43	eP	17	13.00	0.4
ARN	76.76	43	P	17	13.10	0.2
FRI	77.77	45	eP	17	18.20	0.0
JAS1	77.81	43	iPc	17	18.50	0.0
WDC	77.99	40	ePc	17	19.40	0.1
ORV	78.04	42	ePc	17	19.50	-0.1
MIN	78.43	41	e(P)	17	21.50	-0.3
KGM	79.25	276	ePd	17	27.70	1.3
MNA	79.58	44	iPc	17	28.40	0.5
PPI	81.26	272	eP	17	36.00	-0.9
	1.0s	44.80nm			5.0mb	
BMN	81.26	43	P	17	36.00	-0.5
	0.9s	19.53nm			4.6mb	
			pP	19	39.00	575kmX
EUR	81.58	44	iP	17	38.50	0.2
	0.5s	5.59nm			4.3mb	
IPM	82.23	277	iPd	17	42.60	0.9
	0.8s	69.30nm			5.2mb	
SNG	83.44	280	eP	17	49.00	1.3
BJI	83.55	315	eP	17	48.00	0.3
PSI	83.63	275	iPd	18	02.90	14.2X
	0.7s	89.20nm				
RMU	83.84	48	P	17	50.50	1.0
MAW	83.90	200	iPd	17	50.10	1.0
PNT	84.75	34	eP	17	53.00	-0.5
	0.7s	14.00nm			4.7mb	
NEW	85.54	36	eP	17	57.00	-0.3
COL	85.74	13	eP	17	56.00	-1.8
	0.7s	7.19nm			4.5mb	
NNT	86.01	284	ePd	18	01.90	1.8
LTX	86.11	58	P	18	02.20	1.7
	1.0s	24.00nm			4.9mb	
			pP	20	11.00	600kmX
ALQ	86.19	52	eP	18	01.00	0.1
	1.0s	8.00nm			4.4mb	
			epP	20	05.00	571kmX
LRM	87.02	40	ePc	18	04.80	0.1
BDW	87.41	44	P	18	06.00	-0.6
	1.0s	12.00nm			4.6mb,	
			pP	20	11.00	575kmX
KMI	87.59	297	Pd-	18	09.00	1.2
GOL	88.94	48	P	18	14.00	0.2
	0.9s	4.55nm			4.4mb	
GLD	89.06	48	P	18	15.50	1.3
SES	90.05	36	iPc	18	18.10	-0.2
RSSD	91.62	44	P	18	26.30	0.3
	0.8s	4.58nm			4.6mb	
INK	91.82	15	eP	18	25.00	-1.0
SNA	92.10	179	eP	18	28.40	1.0
	0.8s	101.49nm			5.9mb	
YKA	94.31	25	eP	18	37.50	0.0
YKC	94.35	25	eP	18	37.00	-0.7
KEV	125.70	349	ePKP	24	16.00	0.1
MHI	125.83	302	ePKP	24	17.00	-0.3
EVA	128.40	212	e(PKP)	24	23.00	0.4
BPI	129.20	211	ePKP	24	19.50	-4.6X
KJF	130.29	345	ePKP	24	18.00	-6.8X
	0.7s	12.00nm				
			i	24	24.00	
SOB1	130.38	119	ePKP	24	26.00	-0.5
			e	26	58.40	
SUF	131.92	345	ePKP	24	21.00	-6.9X
ITR	132.67	121	e(PKP)	24	29.00	-1.8
BUL	133.79	217	iPKPc	24	33.80	0.8
			eSKP	27	11.00	
NUR	134.18	344	ePKP	24	24.00	-8.2X
	Z 19s	0.30um				5.0Msz
			i	24	32.80	
			LR	33	00.00	
MTD	134.56	223	iPKPc	24	34.00	-0.4
			iSKP	27	11.00	
KRI	135.76	221	ePKP	24	35.00	-1.8
			eSKP	27	16.00	
NB2	136.23	353	PKP	24	25.80	-10.4X
	0.6s	2.50nm				
HFS	136.78	351	ePKP	24	26.50	-10.7X
	0.3s	2.50nm				
EKA	142.36	4	PKP	24	45.00	-2.3
	0.7s	3.00nm				
KRA	144.52	339	iPKPc	24	50.90	-0.3
	0.3s	70.00nm				
KSP	144.93	343	ePKP	24	52.00	0.1
	0.7s	55.00nm				
			id	24	52.60	
VRI	144.96	329	ePKPc	24	51.00	-1.1
SPC	145.15	338	ePKP	24	53.40	0.9
CLL	145.36	347	iPKPd	24	52.90	0.5
	0.9s	51.00nm				
BRG	145.49	346	iPKPd	24	54.00	1.2
	1.1s	30.00nm				
HRI	145.55	303	ePKP	24	53.00	-0.6
WTS	145.60	354	iPKPc	24	54.40	1.5
	0.8s	31.00nm				
MLR	145.62	329	ePKP	24	55.00	1.6
JOS	145.62	337	iPKPd	24	54.60	1.5
	0.8s	38.00nm				
MOX	146.21	348	ePKP	24	54.00	0.0
	1.7s	41.00nm				
JER	146.43	301	ePKP	24	56.50	1.5
ENN	146.89	355	ePKP	24	58.00	3.0X
	0.7s	12.00nm				
UCC	146.98	357	PKP	24	58.50	3.4X
SRO	146.99	339	iPKPd	24	58.50	3.2X
MEM	147.04	355	PKPc	24	58.60	3.4X
TNS	147.14	352	ePKPd	24	58.50	2.9X
KHC	147.20	345	iPKPc	24	56.00	0.3
	0.9s	27.00nm				
RMN	147.24	299	ePKP	24	59.50	3.2X
CLO	147.42	331	ePKP	24	55.00	-1.1
DOU	147.66	356	PKPd	25	00.00	3.7X
	0.7s	97.50nm				
DST	147.90	318	iPKP	24	59.50	2.4
EDC	147.94	320	iPKP	25	00.20	3.1X
WLF	147.97	354	PKPd	25	01.00	4.3X
GWF	148.48	352	iPKPd	25	01.80	4.1X
ELL	148.55	313	iPKP	25	02.40	4.1X
KDZ	148.59	324	iPKP	25	02.00	4.6X
FUR	148.64	347	iPKPd	25	02.50	4.6X
	0.9s	41.00nm				
BUH	148.69	351	ePKP	25	02.50	4.5X
FLN	149.07	2	iPKPd	25	03.00	4.5X
VTS	149.07	328	iPKP	25	04.00	5.3X
CDF	149.08	352	iPKPd	25	03.40	4.7X
KBA	149.16	344	iPKPd	25	03.00	4.0X
	0.4s	17.00nm				
			i	25	06.60	
			i	25	10.50	
EZN	149.19	321	iPKP	25	02.60	3.6X
LDF	149.25	2	ePKP	25	03.40	4.6X
GRR	149.42	3	iPKPd	25	04.20	5.1X
IZM	149.46	318	iPKPc	25	04.00	4.5X
YER	149.48	315	iPKPd	25	04.90	5.3X
MMB	149.51	326	iPKPd	25	04.00	4.5X
HAU	149.59	353	iPKPd	25	04.60	5.2X
BSF	149.71	353	iPKPd	25	04.80	5.1X
LPF	149.77	3	iPKPd	25	05.00	5.4X
LJU	149.77	342	e(PKP)	24	59.50	-0.2
			e	25	04.50	
OSS	150.28	348	ePKP	25	00.50	-0.2
TRI	150.30	342	iPKPd	25	05.80	5.4X
			i	25	14.60	
VAY	150.32	327	iPKP	25	05.60	5.0X

16d 01h

LLS	150.32	349	ePKP	25	00.90	0.2
SKO	150.42	329	iPKPd	25	06.50	5.7X
	0.9s		40.00nm			
LOR	150.53	357	iPKPd	25	07.00	6.2X
GRC	150.54	358	iPKPd	25	07.30	6.5X
SSF	150.75	357	iPKPd	25	07.60	6.5X
LBF	150.80	356	iPKPd	25	07.50	6.2X
AVF	151.03	357	iPKPd	25	07.70	6.2X
SMF	151.15	356	ePKP	25	08.00	6.3X
SAL	151.23	347	ePKP	25	08.00	6.2X
MFF	151.24	2	iPKPd	25	08.40	6.6X
BGF	151.28	358	ePKP	25	08.60	6.7X
OHR	151.38	328	ePKP	25	08.50	6.2X
EMS	151.42	352	ePKP	25	03.30	0.9
TCF	151.57	359	iPKPd	25	09.00	6.6X
LSF	151.62	360	iPKPd	25	09.10	6.7X
MZF	151.63	358	ePKP	25	09.30	6.9X
ORO	151.70	310	e(PKP)	25	09.00	6.3X
RJF	152.56	360	ePKP	25	11.30	7.5X
LFF	152.92	1	iPKPd	25	12.20	7.9X
CAF	152.93	359	ePKP	25	12.20	7.8X
LPC	153.18	0	ePKP	25	12.50	7.9X
BNG	158.58	234	iPKPc	25	11.20	-1.2
	0.8s		13.80nm			
			i	25	51.20	
	S.D. = 1.0		on 120 of 178 obs.			

* MAY 16, 1985 02h 59m 47.43± 2.38s
6.300 S ±12.2km 130.251 E ±13.6km
DEPTH = 113.1 ± 22.2 km
4.8mb (4 obs.)
BANDA SEA (280)

MTN	6.56	172	eP	01	23.00	0.1
			eS	02	31.00	
KUPT	7.61	239	eP	01	43.00	5.8X
			eS	02	06.00	
WRA	14.13	164	Pd	02	59.10	-4.7X
	0.5s		17.50nm		4.6mb	
WB2	14.14	164	eP	02	59.20	-4.6X
			lS	05	27.30	
ASPA	17.62	169	eP	03	46.00	-1.4
			eS	06	49.00	
KKM	18.62	311	ePd	04	00.00	0.9
WBN	20.04	198	iPd	04	14.70	0.9
			eS	07	52.00	
CTA	20.72	133	iPd	04	21.30	0.5
	1.0s		20.00nm		4.4mb	
NAU	21.53	220	eP	04	30.00	1.2
			eS	08	30.00	
MRWA	26.47	209	eP	05	06.00	-9.8X
STK	27.57	159	eP	05	25.00	-0.8
			e	05	52.00	
KLB	27.74	203	eP	05	27.70	0.4
NWAO	29.13	293	eP	05	40.00	0.2
YOU	32.50	151	eP	06	09.10	-0.3
PSI	32.53	285	ePd	06	08.40	-1.4
	0.7s		32.90nm		5.2mb	
CAN	33.64	152	eP	06	19.20	-0.1
WAM	34.31	153	eP	06	25.40	0.5
BDT	38.74	308	eP	07	04.00	1.6
KOD	55.07	287	eP	09	10.00	-0.6
GBA	56.04	291	Pd	09	15.90	-1.2
	0.8s		15.70nm		5.1mb	
HYB	56.23	296	eP	09	16.70	-1.9
MHI	78.44	369	eP	11	38.00	0.4
IR2	85.05	307	eP	12	13.00	1.0
	S.D. = 1.1		on 19 of 23 obs.			

MAY 16, 1985 04h 10m 54.35± 0.43s
40.383 N ± 5.7km 19.466 E ± 3.3km
DEPTH = 10.0km (geophysicist)
3.7mb (3 obs.)
ALBANIA (391)
ML 3.7 (TTG). Felt (VI) in southern Albania.

LCI	1.16	268	iPgd	11	16.80	0.9
			eSg	11	36.00	
ULC	1.59	354	ePn	11	25.00	2.4
			eSn	11	50.00	
KZN	1.76	92	iPnc	11	26.50	1.3
			eSb	11	55.50	
BRT	1.79	287	ePn	11	27.30	1.8
			eSn	11	58.50	
TTG	2.05	356	ePn	11	30.40	1.2
			eSn	11	59.00	
SKO	2.18	43	iPnc	11	32.00	0.9
			iSn	11	58.60	
HCY	2.19	341	ePn	11	32.00	0.7
			eSn	12	04.00	
PVY	2.24	10	iPnd	11	34.00	1.8
			eSn	12	08.50	
GRG	2.31	75	ePn	11	34.00	1.0
LIT	2.33	96	iPnc	11	33.60	0.2
ORI	2.33	263	ePn	11	34.70	1.4
			eSn	12	12.00	
VLS	2.37	158	ePn	11	32.50	-1.4
			eSg	12	13.40	
NKY	2.45	352	ePn	11	36.50	1.4
			eSn	12	12.00	
IVA	2.51	7	ePn	11	39.00	3.1X
			eSn	12	18.50	
VAY	2.53	67	iPnc	11	36.30	0.1
BRY	2.61	345	ePn	11	38.00	0.6
			eSn	12	17.00	
THE	2.68	84	ePn	11	38.30	0.0
KNT	2.72	72	iPnc	11	39.00	0.1
SOH	2.99	80	ePn	11	44.00	1.3
			eSn	12	19.00	
SGO	3.18	275	ePn	11	47.50	2.2
			eSn	12	29.50	
SRS	3.22	75	ePnc	11	45.40	-0.5
PAIG	3.26	97	ePn	11	47.00	0.5
			eSn	12	24.00	
MMB	3.44	68	iPd	11	49.00	-0.2
OUR	3.45	89	ePn	11	50.40	1.2
			eSn	12	30.80	
VTS	3.57	50	iP	11	52.00	1.1
DUI	4.00	290	ePn	11	59.00	2.1
			eSn	12	40.60	
ATH	4.09	125	ePn	11	57.50	-0.7
BEO	4.50	9	ePn	12	25.30	21.3X
			i(Sn)	13	29.00	
GIB	4.86	242	e(Pn)	12	09.50	0.1
DIM	4.90	68	eP	12	10.00	0.2
AQU	4.97	295	ePn	12	12.10	1.3
PVL	5.08	55	eP	12	12.00	-0.3
EZN	5.29	94	iP	12	13.60	-1.7
CLO	5.29	27	ePd	12	15.00	-0.3
PRK	5.36	100	ePn	12	15.50	-0.8
MNS	5.48	294	iPnc	12	19.50	1.5
JMB	5.74	66	iP	12	20.00	-1.7
CEY	6.50	327	ePn	12	31.70	-0.7
			iSn	13	44.70	
LJU	8.71	329	ePn	12	34.00	-1.3
			eSn	13	49.50	
TRI	6.76	324	ePn	12	32.80	-3.2X
			iSn	13	47.50	
VOY	6.96	326	iPnc	12	37.40	-1.5
			iSn	13	53.20	
DST	7.08	93	iP	12	29.00	-11.8X
YER	7.61	112	iP	12	47.80	-0.3
KBA	8.02	329	ePn	12	54.00	0.1
			i	13	30.40	
			eSn	14	16.00	
			i	14	23.40	
			i	15	11.50	
			i	15	19.90	
CTI	8.04	317	ePn	12	51.60	-2.4
			eSn	14	20.50	
CVF	8.25	289	eP	12	56.70	-0.2
SAL	8.38	312	e(Pn)	12	57.00	-1.6
SPC	8.82	3	eP	13	10.80	5.9X
KHC	9.69	336	eP	13	05.30	-11.5X
			e	13	42.00	
BSF	11.76	313	eP	13	42.30	-2.8
HAU	12.10	313	eP	13	46.70	-3.0X
SMF	12.94	304	eP	13	53.90	-7.1X
LBF	13.00	306	eP	13	57.50	-4.2X
LOR	13.19	307	eP	14	02.10	-2.2
SSF	13.32	305	eP	14	03.30	-2.7
HFS	20.10	352	eP	15	28.60	-2.1
	0.5s		1.80nm		3.7mb	
NUR	20.41	7	eP	15	45.00	11.1X
NB2	21.30	349	P	15	41.60	-1.5
	0.5s		1.20nm		3.5mb	
SUF	22.73	8	eP	15	57.00	-0.3
	0.5s		1.50nm		3.7mb	
KJF	24.34	9	eP	16	03.00	-9.9X
IR2	25.13	91	(P)	16	21.00	0.0
	S.D. = 1.4		on 50 of 61 obs.			

MAY 16, 1985 04h 34m 41.52± 0.93s
45.526 N ± 7.5km 27.047 E ± 9.1km
DEPTH = 30.5 ± 8.4 km
ROMANIA (358)

BRD	0.01	166	iPc	34	47.00	0.3
ODB	0.25	2	eP	34	59.00	10.6X
VRI	0.41	327	iP	34	50.00	-0.6
ISR	0.53	223	iPd	34	52.00	-0.4
CVO	0.68	296	iPd	34	55.50	0.6
MLR	0.78	268	iPc	34	56.00	-0.4
CFR	0.85	113	iPd	34	57.00	-0.3
CGN	1.55	209	eP	35	08.00	0.7
PSN	2.02	156	eP	35	19.00	5.0X
JMB	3.08	186	eP	35	37.00	7.9X
KDZ	4.07	198	iP	35	43.00	-0.3
EZN	5.72	186	ePn	35	53.10	-13.5X
	S.D. = 0.7		on 8 of 12 obs.			

* MAY 16, 1985 05h 57m 35.92± 1.26s
41.912 N ±12.7km 19.271 E ±12.5km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.4 (TTG).

ULC	0.05	343	iPgc	57	38.10	0.0
			eSg	57	42.40	
TTG	0.52	359	ePg	57	45.30	-1.1
			eSg	57	56.50	
HCY	0.78	313	ePg	57	51.20	0.0
			eSg	58	05.40	
NKY	0.92	347	ePg	57	54.20	0.6
			eSg	58	13.50	
BRY	1.13	332	ePg	57	57.50	0.4
			eSg	58	20.00	
OHR	1.40	124	ePn	58	00.20	-1.3
SKO	1.62	87	ePn	58	04.50	-0.1
VAY	2.54	102	ePn	58	19.40	1.5
	S.D. = 1.1		on 8 of 8 obs.			

? MAY 16, 1985 06h 56m 50.79± 6.68s
31.269 S ±38.8km 68.619 W ±45.0km
DEPTH = 111.7 ± 51.8 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.14	115	iPd	57	06.70	-0.1
			S	57	17.80	
RTCB	0.27	215	iPd	57	07.30	0.1
			S	57	19.30	
CFA	0.47	136	iPd	57	08.00	0.1
			S	57	20.10	
RTCV	0.59	173	iPd	57	08.70	-0.1
			S	57	21.20	
TCA	3.45	92	ePd	57	43.70	0.0
			S	58	22.50	
	S.D. = 0.2		on 5 of 5 obs.			

MAY 16, 1985 07h 23m 45.23± 0.87s
18.817 N ± 8.1km 69.405 W ± 5.5km
DEPTH = 96.2 ± 10.9 km
4.6mb (2 obs.)
DOMINICAN REPUBLIC REGION (88)

SJG	3.17	102	P	24	34.00	0.0
HOJ	7.02	265	eP	25	26.88	-0.3
STH	7.07	265	eP	25	26.81	-1.1
BPA	7.40	103	eP	25	31.50	-0.9
PCJ	7.45	263	iP	25	33.34	0.2
BBJ	7.47	268	iP	25	36.58	3.2X
			i	25	47.32	
SEG	7.91	106	eP	25	40.00	0.7
MGG	8.24	109	eP	25	44.00	0.1
CAR	8.60	163	iPc	25	49.00	0.1
	0.3s		72.73nm		5.9mb X	
TOV	8.98	182	eP	25	54.80	0.7
UAV	10.29	190	eP	26	11.30	-0.5
BOG	14.82	198	eP	27	12.00	0.5
PSO	19.16	205	eP	28	05.50	1.2
BHO	27.44	309	e(P)	29	45.10	21.2X
RLO	28.42	313	e(P)	29	35.70	2.9
TUL	28.83	312	e(P)	29	35.60	-0.9
	0.8s		4.20nm		4.1mb	
LPB	35.15	178	eP	30	31.00	-1.2
ALQ	36.50	304	eP	30	43.00	-0.2
ITR	41.04	129	e(P)	31	34.00	13.1X
			e	31	38.50	
FRB	44.90	1	eP	32	15.00	23.5X
EDM	48.22	326	eP	32	38.50	20.6X

NEW 48.37 319 eP 32 41.00 21.9X
YKA 53.57 336 eP 32 58.60 0.5
MBC 62.80 348 eP 34 02.00 -0.3
KIC 64.01 92 eP 34 11.20 0.0
BNG 86.65 86 iP 36 20.90 1.0
0.6s 11.00nm 5.1mb
SZP 142.58 344 iPKPc 43 07.00 -2.4
S.D. = 1.2 on 21 of 27 obs.

• MAY 16, 1985 08h 42m 05.87± 1.67s
16.584 N ±21.1km 97.090 W ±10.2km
DEPTH = 33.0km (normal)
OAXACA, MEXICO (60)

VHO 0.73 28 eP 42 20.00 0.1
iS 42 34.50
PBJ 1.62 95 iP 42 32.50 0.0
iS 43 03.00
III 2.89 308 eP 42 51.00 0.2
iS 43 28.00
TPM 3.04 322 eP 42 53.00 0.1
iS 43 33.00
OXM 3.66 318 eP 43 01.50 -0.4
iS 43 49.00
IIC 3.78 327 iP 43 14.00 10.5X
S.D. = 0.3 on 5 of 6 obs.

• MAY 16, 1985 10h 00m 19.21± 1.01s
44.166 N ± 8.5km 7.565 E ±11.0km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.8 (LDG).

FRF 0.90 228 Pg 00 36.80 0.4
Sg 00 50.00
LRG 1.13 231 Pg 00 40.80 0.5
Sg 00 56.30
ORO 1.49 11 eP 00 47.00 0.9
CVF 1.86 149 Pn 00 50.80 -0.6
Sn 01 13.90
BGF 4.10 307 Pn 01 22.00 -1.2
Sn 02 05.80
S.D. = 1.2 on 5 of 5 obs.

MAY 16, 1985 10h 22m 47.49± 0.37s
48.319 N ± 7.3km 155.635 E ± 6.6km
DEPTH = 33.0km (normal)
5.1mb ([illegible] obs.) 5.0Msz (2 obs.)
KURIL ISLANDS (221)

TSK 16.65 229 eP 26 37.60 -2.2
DDR 17.28 231 eP 26 50.10 2.3
MAT 17.39 234 iPc 26 46.80 -2.3
Z 19s 1.39um
eS 30 13.00
SHK 21.94 240 ePc 27 40.70 0.9
BJI 29.22 268 eP 28 46.50 -1.5
IMA 31.53 37 eP 29 08.00 -0.5
COL 33.87 40 eP 29 28.00 -0.6
0.8s 7.09nm 4.6mb
FBA 33.87 40 eP 29 27.50 -1.1
1.0s 17.50nm 4.9mb
INK 39.41 34 ePc 30 14.70 -0.6
LZH 39.55 272 eP 30 16.50 -0.6
MBC [illegible].53 21 eP 30 41.00 0.1
KMI 4[illegible].20 260 Pc 31 19.00 -0.2
ALE 48.02 6 ePd 31 23.70 -0.9
0.9s 6.00nm 4.6mb
[illegible]A 48.64 38 eP 31 30.20 0.6
YK[illegible] 48.70 38 eP 31 31.00 0.9
0 9.00nm 4.8mb
EDM 53.[illegible] [illegible] 32 09.50 -0.7
SHL 54.1 269 iP 32 11.30 -0.3
DAG 55.14 358 eP 32 15.00 -3.2X
NST 55.66 254 eP 32 23.00 0.3
KKN 57.03 276 eP 32 32.40 -0.4
PKI 57.09 276 eP 32 32.80 -0.5
0.6s 23.00nm 5.4mb
DMN 57.27 276 eP 32 34.40 -0.1
SOD 58.40 339 iP 32 39.30 -2.2
FFC 58.43 42 eP 32 42.00 0.0
1.1s 9.00nm 4.8mb
LRM 58.89 55 eP 32 45.70 0.1
KJF 60.66 337 iP 32 55.20 -1.9
0.8s 14.70nm 5.2mb
EUR 60.92 62 iP 32 59.00 -0.6
0.2s 6.14nm 5.4mb

SUF 62.27 336 iP 33 05.10 -2.9
0.3s 2.90nm 4.9mb
FRB 63.00 20 eP 33 11.00 -1.8
NUR 64.50 336 iP 33 20.10 -2.6
0.6s 6.50nm 4.9mb
Z 19s 0.70um 4.9Msz
LR 04 00.00
UPP 66.89 338 iP 33 36.00 -2.0
NB2 67.28 342 P 33 38.60 -1.9
0.7s 4.00nm 4.6mb
HFS 67.57 340 eP 33 40.10 -2.1
0.4s 3.90nm 4.9mb
HYB 68.65 272 eP 33 49.50 -0.2
1.0s 25.00nm 5.2mb
ALQ 69.57 60 eP 33 54.00 -1.3
1.0s 4.25nm 4.5mb
WB2 70.57 201 eP 34 01.30 0.1
WRA 70.57 201 Pc 34 01.60 0.4
0.9s 3.90nm 4.5mb
GBA 72.14 270 Pd 34 10.50 -0.2
0.2s 3.10nm 5.0mb
IR2 72.91 305 eP 34 16.00 0.8
KOD 74.57 268 eP 34 25.00 -0.3
TUL 74.80 53 eP 34 26.70 0.7
0.9s 6.20nm 4.6mb
Z 23s 0.06um 3.8MszX
KRA 74.85 332 iPd 34 25.90 -0.1
0.6s 27.00nm 5.4mb
RLO 75.01 52 eP 34 27.30 0.0
EKA 75.20 348 Pd 34 28.10 0.1
0.3s 3.20nm 4.8mb
KSP 75.24 335 iPd 34 28.50 0.2
1.0s 31.00nm 5.3mb
CLL 75.72 337 iPc 34 30.20 -0.8
1.1s 48.00nm 5.4mb
WIT 75.84 341 ePd 34 33.00 1.4
BRG 75.86 336 iPc 34 31.10 -0.7
1.2s 23.00nm 5.1mb
CFR 76.16 325 iPc 34 13.00 -20.5X
CVO 76.37 326 eP 34 35.50 0.7
PRU 76.50 335 Pc 34 35.80 0.4
1.0s 21.70nm 5.1mb
Z 18s 1.10um 5.2Msz
WTS 76.58 341 iPd 34 36.20 0.4
1.0s 39.00nm 5.4mb
MOX 76.68 337 iP 34 36.00 -0.5
1.1s 35.00nm 5.3mb
ISR 76.81 326 eP 34 38.00 0.7
HOF 76.92 337 iPc 34 37.80 0.0
1.0s 36.00nm 5.4mb
BUD 77.40 331 iPc 34 41.10 0.7
1.1s 52.50nm 5.5mb
KHC 77.54 336 iPc 34 42.20 0.9
1.0s 53.50nm 5.5mb
DLE 77.65 349 eP 34 39.40 -2.3
0.7s 30.00nm 5.4mb
GRF 77.66 337 iPc 34 42.60 0.7
1.1s 63.00nm 5.6mb
WET 77.72 336 iPc 34 42.70 0.5
1.0s 36.00nm 5.4mb
TNS 77.86 339 ePd 34 43.30 0.3
ENN 77.92 341 ePc 34 43.30 0.1
1.1s 77.00nm 5.6mb
MEM 78.05 341 P 34 44.80 0.9
UCC 78.23 342 P 34 45.50 0.6
DOU 78.84 341 Pc 34 49.30 1.0
WLF 78.91 340 P 34 51.00 2.4
BHG 79.02 335 eP 34 50.10 0.7
PVL 79.03 325 eP 34 49.00 -0.4
FUR 79.05 337 iPd 34 50.50 1.0
1.0s 33.00nm 5.3mb
GWF 79.21 339 iPd 34 50.80 0.2
BUH 79.35 339 eP 34 51.80 0.6
KBA 79.47 335 iPc 34 52.10 0.1
1.0s 95.10nm 5.7mb
i 34 53.10
DIM 79.81 325 eP 34 54.00 0.3
CDF 79.82 339 eP 34 54.20 0.4
1.2s 29.70nm 5.2mb
PLD 80.10 325 eP 34 55.00 -0.2
KCT 80.22 322 iPc 34 56.30 0.3
KDZ 80.25 325 iPd 34 57.00 1.0
HAU 80.42 340 eP 34 56.40 -0.5
8SF 80.48 339 eP 34 56.80 -0.5
1.2s 16.50nm 4.9mb
CTI 80.89 335 eP 34 59.50 0.0
FLN 81.11 344 eP 35 00.60 0.1

0.9s 16.30nm 5.0mb
LDF 81.21 344 eP 35 01.00 0.0
SKO 81.42 327 iP 35 02.20 0.0
GRR 81.54 344 eP 35 03.00 0.3
1.0s 38.40nm 5.4mb
VAY 81.58 326 eP 35 03.50 0.5
LOR 81.68 341 eP 35 03.40 -0.1
1.0s 18.00nm 5.0mb
GRC 81.82 342 iPc 35 05.50 1.3
LPF 81.92 344 eP 35 05.20 0.5
0.9s 21.20nm 5.2mb
SSF 81.95 341 eP 35 04.80 -0.[illegible]
0.8s 8.50nm 4.8mb
AVF 82.24 341 eP 35 06.80 0.4
1.2s 30.90nm 5.2mb
SMF 82.27 341 eP 35 06.80 0.2
1.2s 23.80nm 5.1mb
OHR 82.41 327 eP 35 07.80 0.4
BGF 82.57 341 eP 35 08.80 0.7
HRI 82.65 313 eP 35 09.50 0.6
YER 82.88 320 iP 35 11.20 1.2
MZF 82.95 342 iPc 35 11.00 0.9
0.9s 26.30nm 5.3mb
TCF 82.96 342 eP 35 10.60 0.4
1.0s 14.80nm 5.0mb
MFF 83.13 343 eP 35 10.80 -0.2
1.0s 12.00nm 5.0mb
LSF 83.14 342 eP 35 11.50 0.4
1.0s 20.30nm 5.2mb
MNS 83.95 333 eP 35 16.80 1.6
RJF 84.05 342 eP 35 16.40 0.7
1.0s 13.60nm 5.1mb
JER 84.14 312 eP 35 16.50 0.0
CAF 84.29 341 eP 35 18.00 1.0
1.0s 14.80nm 5.1mb
LFF 84.56 342 eP 35 19.20 1.0
0.9s 18.10nm 5.3mb
LRG 84.69 338 eP 35 19.40 0.5
0.9s 17.00nm 5.2mb
LPO 84.71 342 eP 35 20.00 1.0
1.0s 24.00nm 5.3mb
ORI 84.87 330 eP 35 21.00 1.2
PRNI 85.40 312 eP 35 22.50 -0.2
EPF 86.47 342 eP 35 28.00 0.1
S.D. = 1.0 on 107 of 109 obs.

MAY 16, 1985 10h 55m 06.20± 0.76s
5.648 S ± 4.9km 151.231 E ± 5.2km
DEPTH = 36.7 ± 7.7 km
4.9mb (8 obs.)
NEW BRITAIN REGION (192)

RAB 1.72 33 iPd 55 35.00 0.7
BGA 3.96 97 iPc 56 05.80 -0.4
eS 56 51.00
PAA 4.29 99 iPc 56 09.80 -1.0
eS 56 54.00
LMG 4.45 223 iPd 56 12.80 -0.4
ALOA 4.70 190 eP 56 14.50 -2.1
MOM 5.24 313 eP 56 26.00 1.8
MDG 5.44 274 eP 56 31.00 4.0X
PMG 5.50 227 iP 56 29.00 1.1
SVO 9.20 113 P 57 21.00 1.5
HNR 9.42 114 eP 57 22.00 -0.6
eS 59 12.00
TZZ 9.97 272 e(P) 57 40.00 9.7X
JAY 10.95 286 ePc 57 48.20 4.6X
CTA 15.15 198 iPd 58 46.90 7.6X
1.9s 157.89nm 5.0mb
iS 01 32.00
ISQ 18.78 216 iPc 59 25.70 0.6
KOU 19.50 141 iPc 59 35.70 2.3
GUA 20.07 342 eP 59 39.50 0.1
1.1s 334.18nm 5.6mb
GUMO 20.13 342 eP 59 39.80 -0.3
RMQ 20.86 186 eP 59 48.00 0.4
MTN 21.08 249 eP 59 49.00 -0.8
WB2 21.71 228 iPd 59 55.80 -0.4
eS 03 53.70
WRA 21.72 228 Pc 59 53.40 -2.9X
0.7s 27.50nm 4.8mb
NOU 22.15 140 iPc 59 59.00 -1.6
KNA 24.22 244 eP 00 13.00 -7.8X
ASPA 24.48 221 iPd 00 24.10 0.7
eS 05 03.00
COO 24.81 179 eP 00 27.00 0.6
CMS 26.20 190 eP 00 39.00 -0.4

16d 11h

STK	27.61	198	eP	00	52.00	-0.3
YOU	28.61	185	eP	01	01.90	0.6
CAN	29.60	184	eP	01	10.60	0.4
WAM	30.47	184	eP	01	22.00	4.1X
WBN	31.14	226	eP	01	23.00	-1.0
MBL	34.11	240	eP	01	48.00	-1.8
BAG	37.41	306	eP	02	18.00	-0.1
MEK	37.49	233	iPc	02	18.00	-0.5
NAU	38.36	240	eP	02	25.00	-0.8
KLB	40.59	226	eP	02	43.00	-1.2
TCW	40.97	153	P	02	47.50	0.4
MSZ	41.52	162	P	02	52.00	0.4
RKG	42.47	224	eP	03	02.00	2.4
	0.6s	24.00nm			5.1mb	
MAT	43.70	345	eP	03	09.00	-0.6
	0 8s	7.46nm			4.5mb	
		(S)		09	50.00	
KMI	56.18	305	eP	04	45.00	-0.4
COL	83.25	22	iP	07	27.30	-2.7
	0.8s	9.33nm			4.9mb	
MAW	84.19	203	eP	07	35.00	0.2
SPA	84.39	180	eP	07	36.00	0.0
	1.0s	4.00nm			4.5mb	
INK	89.80	21	eP	08	00.00	-2.0
EUR	95.71	51	iP	08	30.20	0.1
	0.2s	6.14nm			5.7mb	
YKA	96.90	28	eP	08	34.00	-0.7
EDM	97.74	37	eP	08	38.50	-0.2
BSF	128.15	330	ePKP	14	11.30	0.8
	1.0s	11.10nm				
LOR	129.97	331	ePKP	14	15.20	1.3
LBF	130.12	331	ePKP	14	15.30	1.1
SSF	130.29	331	ePKP	14	15.80	1.3
	1.1s	7.30nm				
BNG	132.86	271	iPKPc	14	20.00	-0.4
	0.7s	10.00nm				
		i		17	45.30	
VAO	146.43	149	ePKP	14	46.60	2.0
BAO	151.55	138	e(PKP)	14	57.70	4.9X

S.D. = 1.2 on 47 of 55 obs.

MAY 16, 1985 13h 38m 24.17± 0.78s
42.032 N ± 8.8km 24.511 E ± 6.6km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PLD	0.16	63	iPgc	38	29.00	1.1
			iSg	38	32.00	
MMB	0.73	233	iPgd	38	38.00	-0.6
KDZ	0.74	122	iP	38	38.00	-0.7
			iSg	38	53.00	
VTS	1.13	301	iPg	38	45.00	-0.2
PVL	1.22	23	iPd	38	46.00	-0.8
VAY	1.62	245	ePn	38	54.00	1.2

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

MAY 16, 1985 14h 20m 25.16± 0.12s
29.081 S ± 3.7km 77.735 E ± 2.7km
DEPTH = 10.0km (geophysicist)
5.9mb (57 obs.) 6.0Msz (22 obs.)
MID-INDIAN RISE (429)
Ms 6.1 (PAS).
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 8 Dip=70 Slip= -90
NP2: 188 20 -90
Principal Axes:
T Plg=25 Azm= 98
P 65 278
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 10
Moment Tensor; Scale 10**25 d-cm
Mrr=-3.42 Mtt= 0.35
Mff= 3.07 Mrt= 0.06
Mrf=-1.34 Mtf= 1.18
Principal axes:
T Val= 3.73 Plg=10 Azm=109
N -0.02 8 18
P -3.71 77 250
Best Double Couple:Mo=3.7*10**25
NP1:Strike=209 Dip=36 Slip= -77
NP2: 12 55 -99
CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 18S, 43C
Centroid Location:
Origin Time 14:20:34.4 0.2
Lat 29.13S 0.03 Lon 77.81E 0.03
Dep 10.0 FIX Half-duration 5.4
Moment Tensor; Scale 10**25 D-CM
Mrr=-3.02 0.05 Mtt= 1.25 0.07
Mff= 1.76 0.07 Mrt= 0.46 0.20
Mrf=-1.08 0.21 Mtf= 2.12 0.06
Principal Axes:
T Val= 3.68 Plg= 4 Azm=130
N -0.23 20 39
P -3.45 69 232
Best Double Couple:Mo=3.6*10**25
NP1:Strike=241 Dip=44 Slip= -60
NP2: 22 53 -116

AVY	29.14	284	ePc	26	29.40	0.6
MUN	33.15	105	iPc	27	04.40	0.6
Z	18s	46.00um			6.2Msz	
MRWA	33.32	100	iPc	27	05.70	0.4
RKG	33.68	109	eP	27	09.00	0.5
BAL	33.73	102	eP	27	09.30	0.4
NWAO	33.94	107	eP	27	11.00	0.3
KLB	34.50	104	eP	27	15.50	-0.1
NAU	34.51	88	eP	27	17.00	1.3
MEK	36.04	96	iPc	27	29.40	0.6
TRD	37.35	359	eP	27	37.50	-2.2
PSI	37.56	36	eP	27	44.00	2.5
	1.5s	149.00nm			5.5mb	
TSI	38.07	35	ePc	27	49.30	3.5X
MBL	38.76	88	iPc	27	52.60	1.0
KOD	39.08	360	iP	27	55.00	0.4
			eS	33	58.00	
TRT	39.11	64	iPd	27	57.20	2.6
	0.7s	94.90nm			5.6mb	
KGM	39.46	43	ePd	27	58.90	1.5
			e	30	05.00	
MAW	39.57	189	iPd	27	57.80	0.0
IPM	40.26	38	ePc	28	05.20	1.1
MDR	41.90	4	eP	28	28.00	10.6X
			eS	35	16.00	
SNG	42.25	35	eP	28	21.00	0.7
GBA	42.43	360	Pc	28	23.00	1.2
	0.8s	53.00nm			5.3mb	
TET	42.51	278	iPd	28	23.00	0.5
			iPP	30	09.00	
EVA	42.88	261	iPd	28	26.30	0.5
	1.2s	340.63nm			6.0mb	
WBN	43.14	98	iPc	28	28.00	0.3
SLR	43.78	262	eP	28	32.50	-0.5
	1.4s	325.58nm			5.9mb	
Z	19s	26.39um			6.2Msz	
BPI	43.88	261	iPd	28	27.80	-6.0X
	1.4s	506.98nm			6.1mb	
MTD	43.98	276	iPd	28	35.00	0.4
			iPP	30	21.00	
			iS	35	08.00	
BLF	44.74	257	iPd	28	40.50	-0.2
	0.7s	60.00nm			5.6mb	
BFS	44.76	260	iPd	28	39.60	-1.3
	1.0s	272.00nm			6.1mb	
BUL	45.27	270	iPd	28	44.90	-0.2
			iS	35	27.60	
SYO	45.67	198	iP	28	47.30	0.0
KRI	45.67	275	iPd	28	47.00	-1.3
MKS	46.04	67	iPc	28	50.70	-0.2
HYB	46.23	1	iPd	28	52.00	-0.4
	1.2s	263.20nm			6.1mb	
			iS	35	35.00	
NNT	46.56	30	eP	28	56.40	1.4
VIS	46.63	7	iP	28	55.00	-2.1
			iS	35	56.00	
LSZ	47.57	276	iPc	29	03.70	0.5
			i	29	06.00	
			i	30	34.00	
			i	31	54.30	
			i	34	55.40	
			i	36	01.50	
			i	39	33.50	
			i	41	22.00	
			i	45	09.00	
BOM	47.93	354	iP	29	07.00	1.3
			iS	36	11.00	
KHT	48.04	28	eP	29	06.90	0.2
KNA	48.66	86	eP	29	13.00	1.4

NST	49.48	29	iPd	29	17.70	0.0
ASPA	50.22	98	eP+	29	23.00	-0.5
	1.1s	150.00nm			5.9mb	
BDT	50.43	27	eP	29	26.00	1.0
ADE	51.34	113	iPd	29	32.30	0.4
	1.0s	164.00nm			5.9mb	
LOE	51.70	30	eP	29	33.00	-1.7
WRA	51.89	93	Pd	29	35.00	-1.2
	0.8s	55.90nm			5.5mb	
WB2	51.90	93	eP	29	35.70	-0.6
			i	30	48.50	
MTN	51.98	84	iPc	29	37.90	0.9
CAL	52.33	12	iP	29	53.00	13.7X
			eS	37	22.00	
ARO	52.58	315	iPd	29	42.00	0.6
SGH	52.64	315	ePd	29	42.50	0.6
DRV	52.72	154	eP	29	40.00	-1.8
TDD	52.75	315	eP+	29	44.50	1.8
KSU	52.82	315	ePd	29	44.00	0.8
DAF	52.84	315	ePd	29	44.50	1.2
DAY	52.88	315	ePd	29	44.50	0.9
AAE	53.36	309	iP	29	48.00	0.5
BFD	53.95	117	eP	29	51.00	-0.2
STK	54.39	110	iPc	29	54.80	0.2
PPR	55.28	52	ePc	30	01.00	-0.2
SHL	56.01	15	iP	30	06.00	-0.5
			iS	37	56.00	
ISO	56.15	96	eP	30	07.00	-0.6
TOO	56.16	118	eP	30	08.00	0.6
PKI	56.81	8	iP	30	11.20	-1.2
DMN	56.81	8	iP	30	12.00	-0.3
KKN	57.01	8	iP	30	12.80	-0.9
NDI	57.44	359	iP	30	14.50	-1.9
			iS	38	12.00	
CMS	57.97	111	eP	30	20.00	-0.2
	1.0s	53.00nm			5.5mb	
DAV	58.41	60	ePd-	30	23.00	-0.5
			eS	38	25.00	
CGP	58.64	58	iPd	30	24.00	-1.1
KMI	59.01	27	iPd-	30	27.50	-0.2
	6.0s	5.40nm			3.9mb	X
N	17s	12.20um				
			pP	30	53.00	103kmX
			PcP	32	05.00	
			S	38	34.00	
			sS	39	19.00	
DDI	59.07	0	eP	30	27.00	-0.9
WAM	59.13	117	iPd	30	29.10	0.9
YOU	59.25	115	iPd	30	29.20	0.1
MAP	59.36	56	eP	30	29.00	-1.1
CAN	59.45	116	eP	30	31.30	0.8
			i	31	13.20	
QUE	59.83	349	iPd-	30	32.50	-0.8
			eS	38	44.00	
MAN	60.36	50	eP	30	40.80	3.9X
SPA	61.08	180	iPd	30	40.60	-0.9
	0.9s	230.91nm			6.3mb	
Z	20s	11.85um			6.0Msz	
BAG	61.30	48	iPd-	30	42.00	-1.5
			eS	38	53.00	
SBA	61.59	166	iPd	30	44.20	-0.4
	2.1s	873.33nm			6.6mb	
			i()	00	02.60	
HKC	61.99	39	eP	30	48.80	1.0
			eS	39	15.00	
CTA	62.20	99	iPd	30	49.90	0.4
	1.4s	139.53nm			6.0mb	
			iPPP	34	38.00	
			iS	39	17.00	
			iSSS	46	00.00	
PIP	62.73	47	ePc	30	52.00	-0.8
SHI	63.16	335	eP	30	54.00	-1.7
COO	63.20	112	eP	30	56.00	0.0
TZZ	64.33	81	eP	31	04.00	0.3
JAY	65.26	78	ePc	31	08.80	-0.8
BNG	65.80	290	iPd	31	12.50	-0.6
	1.1s	203.00nm			6.2mb	
			i	59	51.60	
MHI	67.26	344	iPd-	31	20.80	-1.2
			eS	40	12.00	
PMG	67.53	88	iPd	31	24.00	-0.1
ANP	68.41	42	eP	31	30.00	0.6
LMG	68.64	88	eP	31	31.00	-0.2
TEH	69.09	337	eP	31	32.00	-1.5
IR2	69.18	337	iPd	31	33.30	-0.8
LZH	69.32	22	iPd	31	34.50	-0.5
	6.0s	5478.00nm			6.9mb	X

E 19s 10.30um
eS 40 41.00
KER 69.42 333 ePd 31 35.00 -0.5
MSZ 70.32 131 P 31 40.70 -0.1
MOM 71.27 82 eP 31 47.00 -0.1
RMN 72.10 322 eP 31 52.50 0.8
SSE 72.75 38 iP- 31 54.00 -1.4
6.0s 3.30nm 3.6mb X
Z 18s 13.10um 6.3Msz
E 20s 6.30um
pP 32 14.00 75kmX
S 41 19.00
sS 41 58.00
JER 72.78 323 iPd 31 55.00 -0.8
TAB 72.98 335 eP 31 56.50 -0.4
HLW 73.45 319 eP 32 00.00 0.4
iS 41 28.00
ADI 73.79 324 eP 31 59.50 -2.1
BHL 74.23 325 PKPd 32 05.00 0.9
SP 41 42.00
TCW 75.99 129 eP 32 16.00 1.8
CSS 76.24 324 eP 32 16.50 0.9
WEL 76.29 130 P 32 12.50 -3.4X
Z 20s 8.51um 6.1Msz
(S) 41 02.00
KOU 77.39 107 iPc 32 21.40 -0.9
GUA 77.42 67 e(P) 32 17.50 -5.0X
BJI 77.50 29 P- 32 21.50 -0.9
Z 19s 4.70um 5.8Msz
N 18s 6.30um
eS 42 08.00
eSS 47 05.00
NOU 78.42 109 iPc 32 29.00 1.0
HNR 78.71 95 eP 32 30.00 0.3
eSKS 42 25.00
eS 42 30.00
ELL 79.40 323 iP 32 33.50 0.4
BCK 79.58 324 iPc 32 33.40 -0.6
YER 80.56 322 iPd 32 39.70 0.5
NPS 80.68 319 eP 32 40.50 0.6
AIA 81.48 195 e(P) 32 44.00 0.5
SHK 81.82 43 ePd 32 44.70 -1.1
IZM 82.03 322 iP 32 47.50 0.7
DST 82.20 324 iPd 32 47.50 -0.2
AAS 82.51 199 eP+ 32 51.00 2.0
Z 16s 10.20um 6.3MszX
YLV 82.54 325 iPd 32 49.60 0.1
EDC 83.[illegible] 324 iPd 32 52.70 0.2
PRK [illegible] 18 322 ePd 32 53.40 0.7
CTT 83.45 325 iPd 32 53 70 -0.4
ATH 83.67 320 ePd 32 54.60 -0.7
MFT 83.77 324 iP 32 56.20 0.4
DMK 84.29 325 iPd 32 58.70 0.4
PAIG 85.07 321 eP 33 02.60 0.4
OUR 85.19 322 eP 33 04.40 1.6
JMB 85.35 325 iPc 32 57.00 -6.6X
KDZ 85.39 323 iPd 33 03.00 -0.8
PSN 85.46 326 iPc 33 04.00 0.0
DIM 85.56 324 iPc 33 06.00 1.4
VLS 85.61 318 ePd 33 05.50 0.5
LIT 85.84 321 ePd 33 07.00 0.9
SOH 85.87 322 ePd 33 06.40 0.1
SRS 85.95 322 ePd 33 07.20 0.6
THE 85.95 321 iPd 33 06.40 -0.2
i 43 48.00
PLD 8 06 323 eP 33 07.00 -0.1
MMB 86.21 323 iPd 33 07.00 -0.9
[illegible]NT 86.36 322 eP 33 09.60 1.0
[illegible]N 86.38 321 ePd 33 08.50 -0.4
O[illegible] 86.44 46 eP 33 08.40 -0.8
GRG [illegible] 321 eP 33 10.40 1.1
MAT 86[illegible] 33 08.50 -1.0
2.0s 735.29nm 6.5mb
Z 20s 3.01um 5.7Msz
KIC 86.52 279 eP 33 09.30 -0.7
i 33 11.10
PVL 86.56 324 iPc 33 05.00 -4.6X
CFR 86.59 327 eP 33 10.00 0.4
VAY 86.64 322 iPd 33 09.70 -0.3
DDR 86.78 46 eP 33 09.20 -1.7
KYS 86.87 47 eP 33 09.90 -1.4
BUC1 87.00 326 iPd 33 12.00 0.4
BUC 87.01 326 ePd 33 11.50 -0.2
VTS 87.20 323 iPd 33 13.00 0.4
ISR 87.32 326 iPd 33 15.00 1.7
BRD 87.36 327 eP 33 16.50 3.1X
OHR 87.47 321 iPd 33 14.30 0.2

i 33 37.50
eS 43 22.00
TSK 87.49 46 eP 33 12.40 -1.8
SKO 87.71 322 iPd 33 15.00 -0.1
8.0s 4700.00nm 6.8mb X
iS 43 41.00
VRI 87.77 327 ePd 33 16.00 0.7
MLR 87.87 326 iPd 33 16.00 0.0
CVO 88.00 327 eP 33 16.50 0.0
CMP 88.15 326 ePd 33 17.00 -0.2
COZ 88.53 325 eP 33 20.00 0.8
LCI 88.57 319 eP 33 19.50 0.3
CLO 89.13 325 ePd 33 21.50 -0.4
TTG 89.21 321 iPd 33 23.50 1.2
iS 43 58.00
ORI 89.26 318 iP 33 23.00 0.4
GIB 89.43 315 eP 33 28.60 5.0X
DEV 89.65 325 ePd 33 25.00 0.7
SGO 90.26 318 eP 33 26.80 -0.4
DUI 91.45 318 iPd 33 32.30 -0.3
AOU 92.49 318 iPd 33 37.00 -0.6
0.8s 0.16nm 3.5mb X
JOS 92.61 326 iPd 33 39.00 1.1
1.8s 283.10nm 6.4mb
BUD 92.69 325 iPd 33 37.60 -0.6
MNS 92.94 318 iPd 33 39.00 -0.5
ePP 37 24.80
SPC 93.23 326 iPd 33 41.70 0.8
SRO 93.27 324 eP 33 42.50 1.6
e(S) 44 50.00
e 55 00.00
KRA 93.96 327 ePd 33 44.10 0.1
1.5s 111.00nm 6.0mb
Z 18s 3.50um 5.9Msz
N 18s 1.70um
E 18s 2.00um
i 33 47.50
eS 44 22.00
SOP 94.09 324 iPd 33 44.50 -0.2
1.6s 98.70nm 5.9mb
LJU 94.13 321 eP 33 44.90 0.0
e 37 29.50
eS 44 16.50
e 46 12.50
TRI 94.35 321 iPd 33 45.50 -0.4
i(pP) 34 44.00 239kmX
i(PP) 37 26.00
i(S) 44 19.00
i 45 00.00
i(sS) 46 16.00
i(SP) 46 40.00
i(SS) 50 36.00
i(SSS)54 50.00
VOY 94.48 321 eP 33 45.70 -0.9
i 33 59.60
VKA 94.58 324 iPd 33 47.00 0.0
5.0s 1269.00nm 6.6mb X
Z 17s 1.40um 5.5MszX
iPP 37 37.20
CVF 95.32 316 eP 33 50.70 0.2
1.3s 82.70nm 6.0mb
KBA 95.42 322 iPc 33 49.60 -1.5
1.0s 33.10nm 5.7mb
i 34 36.50
i 37 01.20
i 37 46.40
KMR 95.60 323 eP 33 50.00 -1.6
i 33 52.30
iPP 36 59.80
i 37 43.80
BHG 96.06 322 iPd 33 53.50 -0.3
KSP 96.24 326 ePd 33 55.00 0.5
2.0s 164.00nm 6.2mb
KHC 96.54 323 Pd 33 55.50 -0.4
1.4s 51.00nm 5.9mb
Z 16s 1.10um 5.4MszX
N 16s 0.70um
E 16s 0.70um
e 34 46.00
e 37 50.20
e 44 28.00
OGA 96.56 321 eP 33 56.10 -0.2
1.5s 62.00nm 5.9mb
PRU 96.58 325 Pd 33 56.10 0.1
2.1s 134.80nm 6.1mb
Z 18s 1.70um 5.6Msz
N 15s 0.80um

E 17s 1.70um
e 34 13.50
PP 37 44.00
SKS 46 45.00
WET 96.92 323 eP 33 57.10 -0.5
1.5s 53.00nm 5.9mb
OSS 96.95 320 ePd 33 58.00 0.0
LMR 97.19 316 eP 33 59.40 0.5
1.2s 38.50nm 5.9mb
FUR 97.19 322 eP 33 59.00 0.2
FRF 97.23 316 eP 33 59.60 0.5
1.3s 60 10nm 6.0mb
LRG 97.34 316 eP 34 00.30 0.7
1.0s 30.80nm 5.9mb
BRG 97.42 325 iPd 34 00 50 0.7
2.0s 87.00nm 6.0mb
e 34 18.00
eSKS 44 36.00
eS 45 20.00
ORO 97.58 318 eP 34 03.50 2.7
LLS 97.70 320 ePd 34 01.20 -0.2
SAX 97.72 320 ePd 34 01.70 0.1
MMK 97.83 319 ePd 34 02.30 0.2
GRF 98.11 323 iPd 34 03.20 0.2
2.0s 220.00nm 6.5mb
Z 20s 1.40um 5.5Msz
CLL 98.16 325 iPd 34 03.60 0.5
2.3s 140.00nm 6.2mb
Z 17s 2.00um 5.7MszX
e 37 14.00
eSKS 44 40.00
ePS 47 00.00
DIX 98.17 319 ePd 34 03.90 0.3
ZUL 98.39 320 ePd 34 04.10 -0.2
EMS 98.44 318 ePd 34 04.30 -0.4
MOX 98.47 324 eP 34 05.00 0.5
2.1s 155.00nm 6.3mb
Z 16s 2.40um 5.8MszX
N 16s 1.10um
E 16s 1.70um
e 37 22.00
e 37 29.50
ePP 38 06.00
eSKS 44 40.00
eS 45 36.00
ePS 47 10.00
ePPS 48 00.00
eSS 52 20.00
eSSS 56 30.00
SLE 98.49 320 ePd 34 04.60 -0.1
BRN 98.73 326 ePd 34 07.00 1.5
ALI 99.11 309 iP+ 34 07.00 -0.7
iPP 38 15.00
BUH 99.15 321 eP 34 07.40 -0.3
NUR 99.21 336 eP 34 08.00 0.4
Z 18s 4.10um 6.0Msz
ePP 38 08.00
eSKS 44 36.00
eS 45 18.00
e 45 40.00
ePS 47 10.00
eSS 2 08.00
eSSS 56 12.00
LR 22 08.00
BSF 99.48 320 eP 34 08.90 -0.4
1.3s 46.70nm 5.9mb
CDF 99.53 320 eP 34 09.40 -0.1
1.4s 34.80nm 5.8mb
GWF 99.65 321 iPc 34 10.70 0.8
EBR 99.68 311 eP 34 11.00 0.8
ePP 38 13.00
eSKS 44 50.00
HAU 99.83 320 eP 34 10.80 0.0
1.5s 40.10nm 5.7mb
SUF 100.28 338 ePdiff34 14.00 1.4
0.8s 2.40nm 4.8mb X
SMF 100.55 318 ePdiff34 14.20 0.0
1.6s 37.30nm 5.7mb
LBF 100.65 318 ePdiff34 14.40 -0.3
1.6s 63.30nm 5.9mb
CAF 100.74 316 ePdiff34 15.60 0.5
1.6s 74.60nm 6.0mb
WLF 100.83 321 Pdiff 34 15.50 0.2
PP 38 32.90
LOR 100.87 318 ePdiff34 15.50 -0.1
1.6s 43.50nm 5.8mb
KJF 100.87 340 ePdiff34 14.00 -1.2

16d 14h

Z 16s 3.00um 5.9MszX
e 37 16.00
ePP 38 20.00
ePPP 40 12.00
eSKS 44 56.00
eS 45 56.00
ePS 47 28.00
eSS 52 52.00
eSSS 56 24.00
LR 23 20.00
EPF 100.88 313 ePdiff34 16.20 0.4
1.2s 19.00nm 5.6mb
AVF 100.92 318 ePdiff34 15.90 0.1
1.6s 25.90nm 5.6mb
SSF 100.97 318 ePdiff34 15.90 -0.1
1.6s 74.60nm 6.0mb
COP 101.03 328 ePdiff34 16.00 0.0
Z 18s 1.65um 5.6Msz
MZF 101.08 317 ePdiff34 16.90 0.3
1.4s 20.10nm 5.5mb
BGF 101.10 317 ePdiff34 16.80 0.2
1.6s 89.60nm 6.1mb
LPO 101.16 315 ePdiff34 17.80 0.8
1.4s 38.30nm 5.8mb
RJF 101.27 316 ePdiff34 17.80 0.4
1.2s 26.10nm 5.7mb
GRC 101.34 318 ePdiff34 18.00 0.3
i 38 29.00
TCF 101.34 317 ePdiff34 17.80 0.0
1.6s 36.80nm 5.7mb
UPP 101.38 333 iPdiff34 16.00 -1.5
iPP 38 28.00
MEM 101.41 322 Pdiffc34 18.80 0.9
e 38 29.00
LFF 101.57 3 5 ePdiff34 19.20 0.5
1.5s 38.60nm 5.8mb
LSF 101.73 317 ePdiff34 19.60 0.1
1.6s 51.80nm 5.9mb
DOU 101.91 321 Pdiff 34 21.00 0.9
e 38 33.00
SKS 45 12.00
S 46 06.00
SP 47 40.00
SS 53 26.00
SFS 102.22 305 ePdiff34 21.00 -0.8
ePP 38 30.00
eSKS 48 42.00
eSS 53 24.00
eSSS 58 15.00
TOL 102.27 309 iPdiff34 22.00 -0.1
e 37 38.00
iPP 38 36.00
eSKKS 45 10.00
iPS 47 46.00
iSS 53 22.00
iSSS 57 47.00
UCC 102.40 321 Pdiff 34 23.60 1.3
LGR 102.44 312 ePdiff34 20.00 -2.7
DBN 102.64 323 ePdiff34 24.00 0.7
Z 20s 1.50um 5.5Msz
ePP 38 30.00
ePPP 40 51.00
eSKS 45 00.00
eS 46 07.00
eSP 47 05.00
eSPP 48 38.00
eSS 53 10.00
eSSS 57 26.00
MFF 102.92 316 ePdiff34 25.40 0.7
1.2s 26.10nm 5.8mb
LPA 103.83 216 ePdiff34 28.00 -1.0
Z 20s 4.26um 6.0Msz
LDF 103.85 3.8 ePdiff34 29.40 0.6
0.9s 7.80nm 5.5mb
LPF 104.13 317 ePdiff34 30.30 0.3
1.2s 18.70nm 5.8mb
FLN 104.14 318 ePdiff34 30.40 0.3
1.4s 34.80nm 6.0mb
GRR 104.19 318 ePdiff34 30.50 0.2
1.4s 20.10nm 5.8mb
KEV 105.10 344 ePdiff34 36.00 2.2
Z 16s 3.70um 6.0MszX
ePP 38 58.00
eS 46 34.00
ePS 48 20.00
ePPS 49 10.00
e 50 24.00

eSS 53 24.00
eSSS 58 00.00
LR 23 22.00
PTO 105.94 308 Pdiff 34 38.00 -0.3
PPP 38 42.00
SKS 48 13.00
BER 106.76 330 ePdiff34 52.00 10.6X
Z 38s 3542.00um 8.6MszX
SO81 109.71 247 e(Pdif35 05.00 9.3X
e 35 16.00
e 39 26.60
e 39 38.20
VAL 111.14 318 Pdiff 35 07.00 5.9X
PPS 49 13.00
BAO 111.28 237 e(PKP)38 49.20 -12.5X
YJA 117.94 219 e(PKP)39 14.00 -0.8
DAG 119.56 345 iPKPd 39 14.30 -1.4
0.7s 8.90nm
LPB 123.91 220 PKP 39 27.00 0.7
Z 18s 6.87um 6.4Msz
i 41 08.00
LR 23 38.00
ALE 124.60 354 ePKP 39 24.50 -0.7
0.8s 8.00nm
BRW 128.44 20 ePKP 39 32.00 -0.8
GDH 131.11 339 ePKP 39 37.00 -0.9
1.6s 133.33nm
Z 19s 3.30um 6.1Msz
i 41 58.00
e 53 50.00
SDN 131.31 40 ePKP 39 38.60 -0.1
IMA 131.62 25 ePKP 39 32.00 -7.2X
IMA 131.62 25 PKP 39 39.00 -0.2
TTA 131.82 30 PKP 39 39.40 -0.2
MBC 132.05 5 ePKP 39 32.00 -7.6X
NNA 132.36 215 ePKP 39 41.20 -0.8
1.4s 93.02nm
Z 18s 1.89um 5.8Msz
SVW 132.56 32 ePKP 39 32.00 -9.0X
COL 134.34 25 ePKP 39 42.00 -2.2
Z 17s 3.40um 6.1MszX
e 42 13.00
FBA 134.34 25 ePKP 39 32.00 -12.2X
FBA 134.34 25 PKP 39 42.30 -1.9
PMR 135.31 30 PKP 39 32.70 -13.4X
PME 135.33 30 ePKP 39 45.00 -1.2
Z 20s 3.00um 6.0Msz
INK 136.66 16 ePKPd 39 46.20 -2.3
FDF 139.49 258 ePKP 39 48.00 -7.4X
CAR 142.17 248 ePKP 39 54.00 -6.3X
PSO 143.47 225 iPKP 40 00.00 -2.9X
SCH 143.79 325 ePKP 39 58.00 -3.8X
TOV 144.05 244 ePKP 40 01.30 -2.2
SDV 144.16 242 iPKPc 40 01.60 -2.2
0.7s 57.10nm
BMG 144.84 237 ePKP 40 03.00 -1.9
SJG 145.28 260 iPKPc 40 04.00 -1.4
0.8s 164.18nm
Z 21s 5.02um 6.3Msz
YKA 145.62 10 ePKP 40 04.70 0.1
RSNT 145.63 10 PKP 40 03.30 -1.3
YKC 145.65 10 ePKP 40 03.00 -1.7
1.1s 298.00nm
HNME 148.25 312 PKP 40 08.60 -0.8
EMM 148.39 309 PKP 40 08.40 -1.2
PHC 151.28 34 ePKP 40 20.00 6.2X
MNT 152.13 314 iPKP 40 14.70 -0.5
RSNY 153.13 313 PKP 40 14.50 -2.2
Z 18s 5.81um 6.4Msz
SKLY 153.21 311 PKP 40 16.90 0.1
OTT 153.49 315 ePKP 40 17.00 -0.1
FFC 154.37 360 ePKP 40 17.00 -1.1
2.is 157.00nm
EDM 154.54 16 ePKPd 40 18.00 -0.4
PNT 155.84 28 ePKP 40 20.00 -0.3
1.2s 88.00nm
COR 157.23 42 iPKPc 40 24.00 1.8
RSON 157.31 346 PKP 40 20.20 -1.9
Z 20s 3.95um 6.2Msz
NEW 157.68 27 ePKP 40 22.20 -0.5
Z 18s 8.00um 6.6Msz
SES 157.70 15 ePKPd 40 21.60 -1.1
pP 40 54.00
LHC 158.25 336 ePKP 40 23.00 -0.3
WDC 159.84 50 ePKPd 40 25.20 -0.1
e 41 04.70
e 44 45.20

BLA 160.02 300 ePKP- 40 25.70 0.0
pP 41 06.30
MIN 160.57 50 ePKPd 40 26.00 -0.3
ORV 161.02 52 ePKPd 40 26.70 0.2
e 41 09.00
LRM 161.46 23 ePKPd 40 27.10 0.0
i 41 11.40
GCC 161.68 59 ePKP 40 28.40 1.2
MHC 161.84 58 ePKPd 40 29.00 1.4
ARN 161.91 58 PKP 40 28.70 1.2
SLD 162.25 58 PKP 40 30.00 2.2
PRM 162.33 291 PKP 40 27.00 -1.0
PRS 162.39 61 ePKP 40 29.30 1.3
JAS1 162.50 55 iPKPd 40 28.80 0.7
e 41 16.80
LLA 162.62 60 ePKP 40 29.20 1.0
PRI 162.99 61 iPKPd 40 30.60 1.9
BMN 163.32 43 PKP 40 29.00 0.0
FRI 163.40 57 ePKPd 40 29.50 0.6
e 41 20.30
MNA 163.84 51 ePKP 40 30.00 0.4
e 41 22.50
EUR 164.66 44 iPKP 40 31.00 0.6
1.0s 29.81nm
BDW 165.12 21 PKP 40 29.50 -1.2
2.0s 250.00nm
SDW 166.26 63 PKP 40 32.30 0.6
ELC 166.37 310 PKP 40 31.60 0.1
SLBC 166.56 69 ePKP 40 33.50 1.7
VHO 167.16 205 iPKPc 40 35.00 2.0
OLY 168.85 308 PKP 40 33.20 -0.1
GLD 169.08 12 PKP 40 34.80 1.2
Z 20s 4.00um 7.2Msz
GOL 169.10 13 PKP 40 33.80 0.1
Z 20s 5.00um
TPM 169.53 197 iPKPd 40 35.50 1.1
OXM 169.98 194 iPKPd 40 35.00 0.1
RLO 170.67 321 ePKPd 40 34.40 0.0
TUL 171.27 323 ePKPd-40 34.60 0.0
1.2s 76.20nm
BHO 171.78 312 ePKPd 40 35.00 0.2
OCO 172.40 329 ePKPd 40 35.20 0.1
ALQ 173.16 30 ePKP 40 36.50 0.8
Z 19s 6.82um
JCT 177.45 304 iPKP 40 37.50 0.8
2.0s 588.24nm
Z 22s 5.74um 6.3Msz
LTX 178.75 78 PKP 40 35.00 -1.9
1.3s 62.26nm
S.D. = 1.0 on 316 of 341 obs.

? MAY 16, 1985 18h 12m 26.26± 3.61s
33.684 S ± 9.0km 71.784 W ±30.7km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.41 131 iPc 12 35.60 0.1
iS 12 42.10
TACH 0.71 88 iPc 12 39.20 -0.6
iS 12 48.50
ROCH 0.96 43 iPd 12 43.30 -0.3
iS 12 52.50
SAN 0.96 77 iPc 12 43.50 0.0
CHCH 0.97 105 iPd 12 43.70 0.0
PCH 1.06 87 iPc 12 45.30 0.4
PEL 1.06 60 iPd 12 45.50 0.5
BACH 1.13 73 iPd 12 46.20 0.3
FCH 1.30 75 iPd 12 49.00 0.5
JACH 1.41 45 iPc 12 50.20 0.2
MDZ 2.58 73 eP 13 11.90 5.2X
e 13 18.00
iS 13 49.10
TCA 6.51 71 ePd 14 01.20 -1.1
S 15 17.90
S.D. = 0.6 on 11 of 12 obs.

MAY 16, 1985 18h 23m 57.99± 1.07s
40.546 N ±12.1km 26.621 E ± 7.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KGT 0.53 100 iPg 24 08.60 -0.1
iSg 24 20.10
MFT 0.56 64 iPn 24 10.00 0.6
iSg 24 22.50
EDC 0.97 101 iPn 24 15.70 -0.7
KCT 1.36 102 ePn 24 24.00 1.0

KDZ	1.46	319	iPd	24 20.00	-4.3X
			iSg	24 38.00	
CTT	1.50	66	iPn	24 24.60	-0.3
DMK	1.54	34	iP	24 24.20	-1.3
JMB	1.92	359	eP	24 32.00	1.0
PLD	2.12	318	eP	24 34.00	0.0
MMB	2.42	296	iPc	24 38.00	-0.3
PVL	2.82	338	eP	25 23.00	39.2X

S.D. = 0.9 on 9 of 11 obs.

MAY 16, 1985 18h 34m 00.83± 0.46s
31.354 S ± 6.6km 68.671 W ± 8.2km
DEPTH = 100.0 ± 7.9 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.17	220	iPd	34 16.60	1.1
			S	34 30.80	
RTLL	0.17	82	iPd	34 16.40	0.9
ZON	0.19	182	iPd	34 16.50	1.0
			eS	34 28.00	
CFA	0.45	124	iPd	34 17.60	1.1
			S	34 28.80	
RTCV	0.52	167	iPc	34 16.50	-0.5
			S	34 29.50	
MDZ	1.53	186	iP	34 32.00	4.1X
			iS	34 44.60	
FCH	2.40	214	iPc	34 40.50	1.0
			iS	35 09.50	
PEL	2.47	223	iPd	34 40.00	-0.2
			iS	35 09.80	
BACH	2.52	217	iPc	34 41.60	0.7
			iS	35 13.50	
ROCH	2.56	230	iPc	34 40.80	-0.8
			iS	35 11.40	
SAN	2.69	218	iPc	34 43.00	-0.1
			iS	35 15.50	
PCH	2.74	214	iPd	34 44.00	0.0
			iS	35 19.00	
TACH	2.99	219	iPd	34 46.30	-0.9
			iS	35 17.90	
CHCH	3.07	212	iPc	34 48.20	-0.1
			iS	35 24.50	
RFA	3.41	177	ePc	34 51.40	-1.6
LNV	3.47	221	iPd	34 35.70	-18.1X
			iS	34 51.30	
TCA	3.49	91	iPc	34 54.20	0.1
			S	35 33.90	
CYA	3.[illegible]	41	iPc	34 58.20	-0.5
			S	35 41.50	
SLA	7.17	24	ePd	35 44 40	-0.5
YJA	9.57	18	ePd	36 17.00	-0.9
LPB	14.76	2	eP	37 20.00	-6.2X
ARE	15.05	350	e(P)	37 30.00	0.4

S.D. = 0.9 on 19 of 22 obs.

MAY 16, 1985 19h 01m 12.53± 0.96s
46.485 N ± 9.3km 9.407 E ± 6.5km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)

VDL	0.04	89	ePd	01 14.30	-0.5
LLS	0.48	324	eP+	01 20.10	-2.2
OSS	0.55	68	eP+	01 23.80	0.2
SAX	0.77	357	ePd	01 27.90	0.2
SAL	1.17	138	eP	01 50.00	15.6X
ZUL		22 325	ePd	01 36.50	1.3
ORO	1.31	230	eP	01 32.00	-4.9X
SLE	1.43	334	ePd	01 40.00	1.5
[illegible] X	1.44	254	eP	01 39.20	0.3
C[illegible]	1.62	105	e(P)	01 45.00	3.7X
EMS	[illegible]	257	eP	01 43.30	-0.2
BSF	2			01 55.40	5.1X
			Sg	02 20.20	
BUH	2.33	340	ePn	01 51.00	-0.6
LBF	3.77	280	Pg	02 21.40	9.4X
			Sg	03 04.90	
KHC	3.86	45	eP	02 27.80	14.5X
			e	03 03.50	
LOR	3.88	284	Pg	02 25.60	12.0X
			Sg	03 10.60	

S.D. = 1.3 on 9 of 16 obs.

• MAY 16, 1985 19h 18m 14.92± 1.03s
18.717 S ±14.0km 173.102 W ±19.5km
DEPTH = 33.0km (normal)
4.9mb (4 obs.)
TONGA ISLANDS (173)

AFI	4.95	15	P	19 29.00	0.0
			S	20 15.00	
KOU	21.38	261	iPc	23 06.50	4.6X
CTA	38.29	261	iPd	25 34.90	0.5
	0.9s		12.60nm		4.7mb
WB2	49.43	259	eP	27 03.20	-0.9
ASPA	49.43	255	iPd	27 04.40	0.3
	0.7s		11.00nm		5.0mb
WRA	49.44	259	Pd	27 03.90	-0.3
	0.4s		2.00nm		4.5mb
W8N	55.83	251	eP	27 52.00	0.2
SBA	59.99	185	e(P)	28 20.10	0.0
SPA	71.40	180	e(P)	29 42.00	8.3X
COL	85.59	11	eP	30 55.00	4.3X
	0.8s		9.70nm		5.1mb

S.D. = 0.6 on 7 of 10 obs.

% MAY 16, 1985 22h 04m 21.14± 6.70s
40.083 N ±18.2km 29.892 E ±50.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.63	321	iPg	04 33.40	-0.4
DST	1.08	244	iPn	04 41.40	-0.2
KCT	1.19	279	ePn	04 43.40	0.1
CTT	1.54	314	iPn	04 48.90	0.2
EDC	1.58	280	iPn	04 49.20	0.0

S.D. = 0.3 on 5 of 5 obs.

& MAY 16, 1985 23h 07m 43.44s
58.845 N 154.030 W
DEPTH = 121.3km
ALASKA PENINSULA (12)
<AGS-P>.

CDD	0.22	67	eP	07 59.30	0.3
AUI	0.58	32	eP	08 01.88	-0.4
AUL	0.62	29	eP	08 01.80	-0.8
OPT	0.91	27	eP	08 04.50	-0.5
KDC	1.37	143	iP	08 08.43	-1.3
ILM	1.48	24	iP	08 10.28	-0.8
			eS	08 30.88	
CNPM	1.59	63	eP	08 12.00	-0.4
RED	1.70	21	eP	08 13.00	-0.8
BRLK	1.86	59	iP	08 14.84	-0.8
			eS	08 38.57	
RDT	1.92	25	eP	08 15.47	-1.0
			eS	08 40.35	
SVW	2.41	341	iP	08 20.94	-1.7
SPU	2.55	22	eP	08 23.39	-1.1
SLKM	2.55	48	eP	08 23.89	-0.7
			eS	08 53.61	
SEW	2.66	60	eP	08 25.70	-0.1
			eS	08 55.35	
MPA	2.89	53	eP	08 28.32	-0.6
			eS	09 01.06	
SUA	3.10	31	eP	08 31.18	-0.7
PTE	3.24	49	eP	08 32.36	-1.2
PMS	3.29	41	eP	08 33.38	-1.0
			eS	09 10.36	
PME	3.74	40	eP	08 38.73	-1.6
KNK	3.80	45	eP	08 40.22	-0.9
MSE	3.92	38	eP	08 40.92	-1.9
			eS	09 23.92	
GLI	4.05	57	eP	08 42.47	-2.1
SML	4.11	41	eP	08 43.36	-2.0
FID	4.27	60	eP	08 45.10	-2.4
			eS	09 30.75	
VZW	4.37	56	eP	08 47.33	-1.5
			eS	09 35.21	
KLU	4.84	53	iP	08 53.81	-1.6
KMP	5.23	55	eP	08 59.36	-1.3

27 obs. associated

? MAY 17, 1985 00h 29m 04.55± 5.80s
39.494 N ±45.0km 22.885 E ±12.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT	0.68	333	ePg	29 18.20	0.2
			eSg	29 32.30	
PAIG	0.75	55	ePgc	29 19.40	0.2
			eSg	29 34.20	
THE	1.14	3	ePbd	29 25.70	-0.1
OUR	1.19	45	ePbd	29 26.30	-0.4
			eSb	29 47.10	
SOH	1.37	15	iPbc	29 30.30	0.5
			eSb	29 52.50	
GRG	1.51	346	ePbc	29 31.10	-0.5
			eSb	29 56.90	
KNT	1.67	0	ePbd	29 34.10	0.2
			eSb	29 59.30	
VAY	1.84	353	ePn	29 36.40	0.0
OHR	2.27	316	ePn	29 56.50	7.8X

S.D. = 0.4 on 8 of 9 obs.

• MAY 17, 1985 00h 37m 21.96± 0.41s
30.150 S ±10.2km 177.916 W ± 9.8km
DEPTH = 33.0km (normal)
5.3mb (11 obs.)
KERMADEC ISLANDS (178)
Felt on Raoul.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 17C
Centroid Location:
Origin Time 00:37:28.7 0.7
Lat 30.23S 0.11 Lon 177.78W 0.08
Dep 49.3 7.7 Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr= 4.89 0.70 Mtt= 1.61 1.30
Mff=-6.50 0.78 Mrt=-2.36 1.00
Mrf= 4.17 1.05 Mtf=-0.12 0.61
Principal Axes:
T Val= 7.19 Plg=62 Azm=216
N 0.72 20 349
P -7.91 19 86
Best Double Couple:Mo=7.6*10**23
NP1:Strike=205 Dip=32 Slip= 130
NP2: 340 66 68

RAO	0.90	360	P	37 39.00	0.9
CRZ	9.03	239	P	39 39.20	6.2X
GNZ	9.11	201	eP	39 29.00	-5.1X
			S	41 08.60	
KRP	9.46	213	eP	39 39.00	0.0
			eS	41 29.00	
TCW	12.73	208	eP	40 13.00	-10.3X
			S	42 30.00	
NOU	16.04	295	iPc	41 16.00	9.3X
AFI	17.13	21	P	41 21.00	0.5
			S	44 11.00	
KOU	18.69	297	iPc	41 45.10	5.4X
COO	26.02	261	eP	42 57.00	3.1X
CAN	28.22	251	iPd	43 15.60	1.7
WAM	28.35	249	iPd	43 17.10	2.2
YOU	28.73	253	iPd	43 20.20	1.7
RMQ	29.51	269	eP	43 27.00	1.5
	0.6s		124.00nm		5.8mb
TAU	30.48	236	eP	43 34.00	0.1
CMS	31.08	258	eP	43 41.00	1.7
	0.7s		24.00nm		5.1mb
CTA	33.83	279	iPd	44 04.90	1.4
	0.6s		96.00nm		5.9mb
STK	34.61	257	eP	44 11.00	1.0
	0.8s		37.00nm		5.4mb
ASPA	43.20	267	eP	45 21.00	-0.7
	0.5s		24.00nm		5.2mb
			eS	52 15.00	
WB2	44.15	272	eP	45 28.20	-1.2
WRA	44.16	272	Pc	45 29.00	-0.5
	0.5s		37.70nm		5.5mb
SBA	48.29	184	eP	46 03.10	1.7
WBN	48.71	260	eP	46 03.00	-2.4
MRWA	56.66	253	eP	47 02.00	-2.5
NAU	59.42	260	eP	47 22.00	-1.9
SPA	60.02	180	eP	47 28.20	0.5
	1.1s		20.83nm		5.2mb
			e	47 33.90	
MAT	78.08	325	eP	49 18.00	-1.0
	0.8s		9.70nm		4.9mb
			(S)	59 08.00	
KGM	81.30	277	eP	49 34.50	-2.3
IPM	84.57	278	ePc	49 52.40	-1.2
MHC	85.33	42	eP	49 58.30	1.3
			e	50 15.00	
FRI	86.22	43	eP	50 01.80	0.6
			e	50 19.00	
JAS1	86.43	42	eP	50 02.40	0.1
			i	50 20.30	
MNA	88.09	43	eP	50 11.30	0.8
			e	50 28.30	
EUR	90.07	43	iP	50 20.00	0.0
	0.2s		9.77nm		5.7mb

17c 00h

ALQ	93.36	51	eP	50	35.20	0.0
	0.9s		4.20nm			4.9mb
			e	50	53.00	
COL	97.61	12	eP	50	54.00	0.4
	0.7s		6.85nm			5.3mb
YKA	105.19	25	ePKP	55	41.40	-0.4
GBA	109.25	275	PKP	55	51.00	0.2
SOB1	123.11	127	ePKP	56	16.20	-1.2
			e	56	32.90	
BUL	123.85	210	iPKPc	56	18.00	-0.9
			i	56	34.70	
FRB	125.12	31	ePKP	56	18.00	-1.7
ITR	125.13	128	ePKP	56	17.30	-4.0X
	0.6s		2.50nm			
			e	56	32.20	
			e	56	36.80	
KRI	126.29	213	ePKP	56	22.00	-1.7
			e	56	38.00	
LSZ	128.30	213	iPKP	56	28.00	0.5
			i	58	35.20	
MHI	132.18	293	ePKP	56	34.00	-0.3
DAG	132.28	6	iPKPc	56	30.70	-2.4
	0.3s		6.49nm			
KEV	137.89	347	ePKP	56	40.00	-4.0X
IR2	138.98	291	(PKP)	56	40.00	-7.2X
SOD	139.97	346	iPKP	56	40.00	-7.8X
KJF	142.29	342	iPKP	56	46.40	-5.6X
	0.6s		17.00nm			
			i	56	58.00	
SUF	143.90	3 1	iPKP	56	50.30	-4.5X
	0.5s		22.80nm			
NUR	146.10	340	iPKP	56	58.10	-0.5
	0.7s		97.40nm			
			i	57	02.80	
UPP	148.49	345	iPKP	57	04.10	1.7
NB2	148.52	351	PKP	57	04.50	2.0
	0.7s		20.10nm			
HFS	149.01	349	ePKP	57	05.60	2.3
	0.6s		42.00nm			
BNG	150.07	214	iPKPd	57	05.80	-0.5
	0.8s		18.00nm			
			i	57	10.00	
BHL	151.37	286	PKP	57	13.00	5.2X
JER	151.62	282	iPKPd	57	17.00	8.8X
NOH	151.70	280	ePKP	57	15.00	6.7X
KIC	155.48	163	ePKP	57	17.90	4.0X
LJU	161.39	332	e(PKP)	57	18.50	-1.3
VOY	161.65	333	ePKPc	57	20.30	0.1
S.D. = 1.1 on 45 of 61 obs.						

MAY 17, 1985 01h 14m 00.99± 0.61s
37.102 N ± 7.2km 29.476 E ± 7.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ELL	0.49	135	iPg	14	09.70	-1.4
			iSg	14	18.40	
YER	0.95	272	iPn	14	19.30	0.1
BCK	0.96	68	iPn	14	19.90	0.6
IZM	2.18	307	iPn	14	38.00	0.2
DST	2.59	345	iPn	14	43.90	0.3
KCT	3.26	345	ePn	14	52.00	-1.2
YLV	3.46	359	ePnd	15	08.80	12.8X
EDC	3.48	339	ePn	15	00.00	3.8X
KGT	3.75	334	ePn	15	00.30	0.2
JER	7.11	137	eP	15	47.50	-0.2
			eS	17	03.00	
RMN	7.86	145	eP	15	59.50	1.4
			eS	17	23.50	
DUI	12.48	296	e(Pg)	16	35.00	-26.4X
S.D. = 1.0 on 9 of 12 obs.						

MAY 17, 1985 02h 44m 07.89± 0.30s
34.273 S ± 5.8km 72.473 W ± 4.6km
DEPTH = 33.0km (normal)
5.1mb (19 obs.) 5.1Msz (3 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (II) at Santiago.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L P B.: 13S, 24C
Centroid Location:
Origin Time 02:44:10.4 0.6
Lat 34.19S 0.07 Lon 72.59W 0.09
Dep 36 1 4.9 Half-duration 1.8
Moment Tensor; Scale 10**24 D-CM
Mrr= 0 79 0.06 Mtt= 0.29 0.08
Mff=-1.08 0.11 Mrt= 0.37 0.11
Mrf=-1.00 0.16 Mtf=-0.42 0.08
Principal Axes:

	Val=	Plg=	Azm=
T	1.45	56	44
N	0.10	25	177
P	-1.55	22	278

Best Double Couple:Mo=1.5*10**24
NP1:Strike= 46 Dip=32 Slip= 143
NP2: 168 71 63

LNV	0.94	71	iPd	44	24.60	-0.1
TACH	1.42	65	iPd	44	31.40	-0.2
CHCH	1.55	78	iPc	44	33.80	0.3
PCH	1.75	69	iP	44	35.80	-0.7
ROCH	1.78	44	iP	44	36.00	-1.1
PEL	1.87	53	iPc+	44	38.60	0.4
FCH	2.05	63	iPc	44	40.90	-0.1
JACH	2.23	45	iPc	44	44.10	0.7
RFA	3.35	100	ePc	45	00.20	1.0
			(S)	45	53.30	
RTCV	4.09	55	eP	45	11.00	1.3
			(S)	46	18.00	
RTCB	4.16	49	ePc	45	11.40	0.7
			S	45	19.40	
CFA	4.44	54	eP	45	15.50	0.7
			S	46	23.40	
RTLL	4.47	50	ePc	45	15.30	0.1
			S	46	23.20	
TCA	7.25	68	ePd	45	41.00	-13.3X
			S	47	21.00	
CYA	8.15	46	iPd	46	03.00	-3.8X
			(S)	47	46.00	
FSA	9.89	36	iPd	46	26.50	-4.3X
			S	48	39.00	
SLA	11.28	34	ePc	46	45.20	-4.8X
			S	49	32.00	
BAA	11.56	96	eP	46	54.00	0.4
			S	50	15.20	
LPA	12.00	97	iP+	46	56.00	-3.6X
			eS	49	12.00	
ARE	17.76	3	eP	48	15.00	0.4
LPB	18.10	14	Pc+	48	19.60	0.7
	1.3s		384.62nm			5.4mb
Z	20s		10.28um			
			S	51	59.00	
			LR	54	00.00	
NNA	22.54	349	eP	49	02.50	-3.9X
	1.2s		32.81nm			4.7mb
Z	16s		1.85um			4.6MszX
VAO	24.98	70	eP	49	29.50	-0.5
			i	49	31.10	
			i	49	37.40	
			i	49	40.00	
			e	49	49.20	
RDJ	27.98	74	eP	49	57.20	-0.4
BAO	28.81	56	Pc	50	02.50	-2.7
			e	50	05.10	
PSO	35.57	352	eP	51	07.00	2.3
SOB1	38.22	57	ePc	51	24.70	-1.9
	1.0s		65.70nm			5.4mb
			i	51	25.90	
			e	51	32.60	
			e	51	38.40	
BOG	38.72	357	eP	51	47.00	16.0X
			eS	57	31.00	
ITR	40.27	59	eP	51	41.40	-2.2
	1.1s		75.60nm			5.4mb
			i	51	42.70	
			e	51	49.10	
			e	51	59.00	
			e	52	07.20	
CAR	44.84	8	eP	52	20.00	-0.9
SNA	51.49	156	eP	53	11.00	-0.8
	1.1s		118.99nm			5.8mb
SJG	52.44	8	iPd	53	17.90	-1.7
SPA	55.91	180	eP	53	44.00	-0.7
	0.9s		15.91nm			5.0mb
			e	53	52.40	
SBA	62.74	192	eP	54	27.90	-3.6X
PRM	68.63	351	P	55	08.50	-1.2
LTX	69.80	331	P	55	16.80	-0.3
	1.0s		6.00nm			4.6mb
Z	20s		0.61um			4.8Msz
RSCP	70.58	349	P	55	20.50	-1.2
	1.0s		27.50nm			5.3mb
BHO	71.45	341	eP	55	26.40	-0.4
MAW	73.02	164	eP	55	35.00	-0.8
TUL	73.14	340	eP	55	34.50	-2.3
	0.9s		25.80nm			5.2mb
Z	23s		0.05um			3.7MszX
			i	55	48.80	
RLO	73.17	341	eP	55	37.90	0.9
OCO	73.26	339	e(P)	55	50.20	12.6X
FVM	73.80	345	P	55	40.50	-0.1
	1.2s		22.06nm			5.0mb
ALQ	75.85	332	eP	55	51.80	-0.9
	1.0s		8.00nm			4.7mb
Z	20s		1.24um			5.2Msz
RSNY	78.47	358	P	56	06.80	0.0
	1.0s		10.00nm			4.8mb
MIM	79.21	2	P	56	11.00	0.3
RMU	79.52	330	P	56	14.00	1.1
GLD	79.63	335	P	56	15.00	1.5
GOL	79.64	335	P	56	15.00	1.4
BLF	80.67	119	iPd	56	19.70	0.3
MSU	81.24	330	P	56	22.40	0.3
BFS	82.34	117	iPd	56	28.00	-0.1
RSSD	83.15	338	P	56	31.70	-0.2
	1.0s		10.00nm			4.9mb
BPI	83.67	117	iPd	56	29.50	-5.5X
	0.8s		14.93nm			5.2mb
EUR	83.69	328	iP	56	35.00	0.3
	0.2s		2.79nm			5.1mb
BDW	83.85	333	P	56	36.00	0.5
	1.0s		5.60nm			4.7mb
EVA	84.25	118	iPd	56	38.60	0.7
	0.9s		151.26nm			6.2mb X
JAS1	84.52	324	eP	56	41.70	3.1X
ORV	86.32	324	eP	56	48.20	0.7
RSON	86.81	347	P	56	48.80	-0.9
	0.8s		10.56nm			5.1mb
GAS	86.99	324	P	56	51.80	0.8
LRM	87.53	333	eP	56	53.70	0.1
BUL	87.58	113	iPd	56	55.20	0.8
WDC	87.61	324	eP	56	53.00	-0.8
LSZ	90.06	108	iP	57	08.50	2.3
	1.1s		19.20nm			5.3mb
KRI	90.27	111	iPd	57	08.00	0.8
BNG	93.31	87	iPc	57	21.20	0.2
	0.8s		7.00nm			5.1mb
			i	01	13.60	
TOL	97.10	46	eP	57	40.00	2.3
			e	10	25.00	
WRA	120.35	209	PKPd	03	06.30	8.6X
	0.7s		2.50nm			
NUR	122.54	36	ePKP	03	01.00	0.4
Z	19s		0.40um			5.1Msz
			LR	58	40.00	
SUF	123.69	33	iPKP	03	01.90	-1.0
	0.9s		6.00nm			
SOD	124.58	28	ePKP	03	14.00	9.6X
KJF	124.62	32	iPKP	03	04.80	0.2
	0.8s		13.20nm			
KOD	143.55	124	ePKP	03	39.00	-2.8
PPI	144.81	168	ePKP	03	40.20	-3.4X
	0.7s		36.50nm			
QUE	145.59	85	ePKP	03	44.00	-0.8
GBA	145.86	120	PKPc	03	44.30	-1.0
	1.8s		139.60nm			
PSI	147.57	164	ePKP	03	49.00	0.8
	1.0s		38.60nm			
KGM	147.67	172	ePKPd	03	50.90	2.6
TSI	148.27	163	e(PKP)	03	54.00	4.7X
HYB	149.14	116	ePKP	03	51.00	0.4
	1.0s		50.00nm			
IPM	149.84	167	ePKPd	03	55.20	3.5X
			e	04	05.10	
NDI	153.61	94	ePKP	03	57.00	0.2
DMN	159.67	103	PKP	04	04.90	0.1
KKN	159.89	103	PKP	04	04.80	-0.1
PKI	159.90	103	PKP	04	04.90	-0.2
S.D. = 1.1 on 70 of 86 obs.						

? MAY 17, 1985 03h 23m 51.52± 6.83s
34.096 S ±25.0km 71.972 W ±51.7km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.49	73	iPd	24	02.10	0.2
			iS	24	17.50	
TACH	0.97	63	iPd	24	09.00	0.2
			iS	24	31.50	
CHCH	1.11	82	iP	24	11.00	0.2
PCH	1.30	69	iPd	24	14.00	0.4

			iS	24	38.00	
ROCH	1.38	36	iPc	24	14.30	-0.6
			iS	24	46.60	
PEL	1.43	49	iPc	24	16.30	0.8
			iS	24	47.00	
FCH	1.60	62	ePn	24	18.60	0.5
JACH	1.82	40	iPc	24	21.50	0.3
MDZ	2.88	66	ePn	24	42.40	6.3X
			e	24	47.00	
			e(S)	24	59.20	
MDZ	2.88	66	ePn	25	31.40	55.3X
RFA	2.98	104	ePd	24	37.80	0.2
TCA	6.80	68	iPc	25	29.40	-2.2
S.D. = 1.0 on 10 of 12 obs.						

MAY 17, 1985 03h 30m 09.46± 0.64s
46.177 N ± 6.7km 6.935 E ± 6.1km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.7 (LDG).

EMS	0.11	182	ePd	30	12.00	-0.5
DIX	0.34	106	ePd	30	16.50	-0.2
MMK	0.73	100	eP+	30	24.20	0.3
BSF	1.66	357	Pn	30	37.20	-1.6
			Sg	30	57.80	
HAU	1.87	348	Pn	30	41.20	-0.6
			Sg	31	03.60	
SLE	1.91	33	eP+	30	43.30	0.9
SMF	2.19	283	Pn	30	47.00	0.5
			Pg	30	49.70	
			Sg	31	13.20	
LBF	2.19	293	Pn	30	46.90	0.4
			Pg	30	49.30	
			Sg	31	13.30	
CDF	2.25	6	Pn	30	48.10	0.8
			Pg	30	50.10	
			Sg	31	16.80	
LOR	2.38	298	Pg	30	52.50	3.3X
			Sg	31	18.80	
AVF	2.55	285	Pg	30	56.30	4.8X
			Sg	31	24.20	
CDR	2.64	199	eP	31	00.10	7.3X
			e	31	25.10	
			e	31	35.50	
			e	31	35.60	
BGF	2.86	279	Pg	30	59.70	3.8X
			Sg	31	36.60	
MZF	3.02	272	Pg	31	05.70	7.5X
			Sg	31	42.60	
S.D. = 0.9 on 9 of 14 obs.						

* MAY 17, 1985 04h 11m 23.65± 1.17s
38.140 N ±11.3km 23.295 E ±10.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.1 (ATH).

ATH	0.37	117	ePgc	11	31.50	0.2
			eSg	11	36.90	
PAIG	1.81	9	ePc	11	53.90	-1.2
LIT	2.06	343	eP	11	57.60	-1.1
VLS	2.13	272	ePg	11	59.50	-0.3
OUR	2.25	13	eP	12	00.80	-0.7
KZN	2.47	332	eP	12	04.00	-0.6
GRG		90	346	eP	12	10.70	0.0
KNT	3.03	354	eP	12	12.40	-0.2
VAY	3.23	350	ePn	12	18.60	3.3
MMR	3.54	328	ePn	12	20.20	0.4
S.D. = 1.4 on 10 of 10 obs.						

MAY 17 [illegible] 05h 42m 37.90± 0.59s
38.201 N ± 5.5km 23.355 E ± 7.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.4 (ATH).

ATH	0.37	129	ePgc	42	46.00	0.6
			eSg	42	51.70	
PAIG	1.74	8	ePc	43	08.40	0.1
LIT	2.01	341	ePc	43	12.20	-0.1
VLS	2.18	270	ePg	43	14.00	-0.7
OUR	2.19	13	eP	43	14.90	0.2
KZN	2.44	330	ePn	43	18.00	-0.4
			ePg	43	28.00	
PRK	2.51	65	ePb	43	26.00	6.6X
SOH	2.62	360	eP	43	21.40	0.4
KNT	2.98	353	eP	43	26.50	0.5
VAY	3.17	349	ePn	43	21.50	-7.3X
MMB	3.40	5	IPd	43	31.00	-1.0
NPS	3.45	148	ePn	43	32.50	-0.2
OHR	3.51	327	ePn	43	34.70	1.0
KDZ	3.76	23	IP	43	36.00	-1.2
SKO	4.04	339	ePn	43	42.00	0.9
PVL	5.13	15	eP	44	45.00	48.5X
S.D. = 0.8 on 13 of 16 obs.						

* MAY 17, 1985 06h 00m 09.24± 0.97s
38.783 N ± 9.1km 142.766 E ±14.4km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (I JMA) at Miyoko.

MIY	1.06	324	eP	00	27.00	-0.8
			iS	00	38.50	
TSK	3.32	220	eP	00	58.70	-1.5
DDR	3.98	227	eP	01	10.00	0.5
			S	01	54.30	
KYS	4.15	211	eP	01	12.50	0.7
SRY	4.22	222	eP	01	12.70	-0.2
MAT	4.25	240	eP	01	14.00	0.7
			eS	02	00.00	
OYM	4.38	221	eP	01	16.20	1.0
INK	52.36	28	eP	09	21.00	1.3
WB2	58.95	189	eP	10	06.70	-1.0
WRA	58.95	189	Pc	10	06.90	-0.8
0.6s 1.60nm 4.3mb						
S.D. = 1.1 on 10 of 10 obs.						

* MAY 17, 1985 09h 28m 58.51± 0.60s
21.434 S ±21.7km 169.779 E ±12.7km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
LOYALTY ISLANDS REGION (189)

NOU	3.21	254	iPc	29	46.50	-1.3
			iS	30	27.00	
KOU	5.21	279	iPc	30	18.10	1.9
			iS	31	21.30	
SGE	8.58	65	IP	31	04.00	0.4
CTA	22.04	269	eP	34	03.00	10.9X
			IS	38	34.00	
YOU	22.78	231	eP	34	00.20	0.8
CAN	22.87	228	eP	34	00.50	0.3
WAM	23.41	227	eP	34	06.10	0.7
CMS	23.62	240	eP	34	07.00	-0.5
WB2	33.13	266	eP	35	32.70	-1.3
WRA	33.14	266	P	35	38.00	3.9X
0.8s 1.80nm 4.0mb						
SBA	56.49	181	e(P)	38	32.70	-6.5X
BRG	145.05	333	iPKPd	48	32.30	-1.6
1.0s 30.00nm						
			i	48	41.00	
CLL	145.11	334	iPKP	48	32.70	-1.3
1.1s 27.00nm						
PRU	145.44	332	ePKPd	48	33.50	-1.1
			e	48	42.00	
ZST	145.47	327	e(PKP)	48	35.50	0.8
EKA	145.74	353	PKPd	48	33.40	-1.5
1.3s 19.10nm						
VAY	145.99	313	ePKP	48	34.70	-1.1
MOX	146.18	335	e(PKP)	48	36.00	0.2
OHR	147.27	314	ePKP	48	37.00	-1.0
BNG	147.37	243	ePKPd	48	40.00	1.1
0.5s 6.00nm						
MEM	148.21	340	PKPc	48	41.30	2.3
VOY	148.55	327	ePKP	48	42.00	2.1
DOU	149.09	341	PKPc	48	43.70	3.2X
S.D. = 1.4 on 19 of 23 obs.						

* MAY 17, 1985 10h 03m 04.77± 0.94s
11.516 S ±11.4km 166.609 E ±13.9km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
SANTA CRUZ ISLANDS (184)

HNR	6.87	287	eP	04	46.00	0.2
			eS	05	57.00	
SVO	7.09	289	eP	04	49.00	0.1
KOU	9.27	194	iPc	05	20.80	1.6
			iS	06	54.60	
NOU	10.73	181	iPc	05	50.50	11.2X
			iS	07	53.50	
CTA	21.34	244	iPd	07	53.90	2.5
0.8s 11.19nm 4.3mb						
RMO	22.47	226	eP	08	03.00	0.4
CMS	27.63	221	eP	08	50.00	-1.4
YOU	28.10	213	eP	08	55.90	0.2
WAM	29.33	210	eP	09	06.80	0.1
WB2	32.11	251	eP	09	29.30	-2.2
ASPA	33.35	244	eP	09	40.00	-2.2
NAU	49.87	250	eP	11	57.00	-0.3
SPA	78.56	180	eP	15	03.60	-0.9
1.0s 7.00nm 4.6mb						
COL	83.50	18	eP	15	31.00	0.7
PKI	87.60	299	eP	15	52.00	0.2
KKN	87.77	299	eP	15	52.70	0.3
GBA	91.87	283	P	16	13.00	1.5
0.2s 0.60nm 4.7mb						
SOB1	145.77	126	ePKP	22	41.70	-1.0
0.7s 3.20nm						
			e	22	44.20	
S.D. = 1.3 on 17 of 18 obs.						

* MAY 17, 1985 12h 34m 06.48± 0.74s
53.415 N ±15.2km 165.960 W ± 9.8km
DEPTH = 33.0km (normal)
4.7mb (10 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

TTA	10.87	25	eP	36	43.00	0.1
COL	14.73	32	eP	37	35.00	1.0
INK	21.34	33	eP	38	49.00	-3.3X
YKA	27.99	51	eP	39	58.40	2.7X
YKC	28.05	51	eP	39	58.00	1.7
EDM	30.84	69	eP	40	21.50	0.2
SES	33.31	72	eP	40	43.00	0.0
ALQ	45.07	89	eP	42	20.00	-1.1
1.0s 3.00nm 4.1mb						
FRB	46.91	37	eP	42	35.00	0.0
DAG	48.42	10	iPd	42	45.60	-1.1
0.6s 22.00nm 5.4mb						
SUF	63.82	354	iP	44	35.70	-1.4
NB2	65.87	2	P	44	49.60	-0.8
0.7s 2.50nm 4.4mb						
HFS	66.80	0	eP	44	54.60	-1.7
0.6s 5.90nm 4.9mb						
EKA	70.69	10	P	45	20.00	-0.4
0.8s 2.60nm 4.3mb						
KKN	78.41	301	eP	46	06.10	0.6
0.6s 6.00nm 4.8mb						
PKI	78.52	301	eP	46	06.60	0.3
0.6s 5.00nm 4.7mb						
DMN	78.64	301	eP	46	07.20	0.4
0.6s 10.00nm 5.0mb						
BDT	79.29	284	eP	46	11.80	1.7
KBA	79.88	0	i(P)	46	14.20	1.1
0.8s 5.70nm 4.6mb						
IR2	85.70	331	(P)	46	44.00	0.8
HYB	90.44	300	eP	47	06.40	0.4
GBA	94.21	299	Pd	47	21.70	-1.6
0.4s 12.70nm 5.7mb						
BUL	144.94	336	iPKPd	53	41.60	-0.2
0.7s 10.27nm						
SLR	150.37	333	ePKP	53	54.00	3.7X
S.D. = 1.1 on 21 of 24 obs.						

* MAY 17, 1985 12h 44m 10.54± 0.78s
36.546 N ±20.2km 69.713 E ±11.4km
DEPTH = 33.0km (normal)
4.5mb (4 obs.)
HINDU KUSH REGION (718)

MHI	8.24	271	ePn	46	11.00	0.2
			eSn	47	37.00	
NDI	10.07	139	iPc	46	35.60	-0.3
			eS	48	19.00	
DMN	15.78	120	eP	47	52.60	0.4
0.5s 17.00nm 4.5mb						
KKN	15.79	119	eP	47	52.20	-0.1
0.5s 17.00nm 4.5mb						
PKI	16.02	120	eP	47	55.40	0.1
0.6s 23.00nm 4.5mb						
NB2	43.72	323	P	52	13.80	-0.2
0.7s 1.20nm 3.8mb						
S.D. = 0.3 on 6 of 6 obs						

MAY 17, 1985 13h 00m 00.46± 0.57s
5.253 S ± 4.2km 151.907 E ± 3.9km
DEPTH = 63.1 ± 5.2 km

17d 13h

5.3mb (23 obs.)
NEW BRITAIN REGION (192)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 25C
Centroid Location:
Origin Time 13:00: 2.4 0.5
Lat 5.73S 0.06 Lon 151.80E 0.08
Dep 51.0 6.1 Half-duration 1.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.90 0.06 Mtt=-1.14 0.11
Mff= 0.24 0.11 Mrt= 0.55 0.12
Mrf=-0.01 0.11 Mtf=-0.30 0.07
Principal Axes:
T Val= 1.05 Plg=74 Azm= 24
N 0.29 9 262
P -1.34 14 169
Best Double Couple:Mo=1.2*10**24
NP1:Strike=247 Dip=32 Slip= 73
NP2: 87 59 100

RAB	1.09	14	iPd	00 20.20	0.2
KVG	2.88	337	iPd	00 46.40	1.4
BCA	3.38	105	iPd	00 50.80	-1.2
PAA	3.72	106	eP	00 55.00	-1.8
			eS	01 37.00	
LAT	5.07	214	eP	01 24.00	8.2X
LMG	5.20	226	eP	01 15.00	-2.8
ALOA	5.24	197	e(P)	01 11.50	-6.6X
MOM	5.51	305	iPd	01 24.00	2.1
MDG	6.10	270	eP	01 31.00	0.8
PMG	6.27	229	eP	01 33.00	0.5
SVO	8.75	117	eP	02 14.00	7.2X
HNR	8.99	118	e(P)	02 08.00	-2.1
TZZ	10.64	269	eP	02 35.00	2.2
CTA	15.74	206	iPc	03 40.50	0.7
	0.9s	16.81nm		4.2mb	X
			iS	06 39.00	
ISO	19.50	217	eP	04 25.00	-0.5
GUA	19.92	340	eP	04 31.00	1.1
	0.8s	316.42nm		5.7mb	
			eS	08 17.00	
GUMO	19.98	340	eP	04 31.30	0.8
RMO	21.33	188	eP	04 44.00	-0.3
MTN	21.85	248	eP	04 49.00	-0.4
	0.5s	65.00nm		5.3mb	
WB2	22.47	228	iPc	04 55.70	0.1
			eS	08 58.00	
WRA	22.48	228	Pd	04 56.20	0.5
	0.5s	27.70nm		4.9mb	
KNA	25.00	244	iPc	05 21.50	1.4
ASPA	25.22	222	eP	05 22.00	-0.2
	0.7s	71.00nm		5.3mb	
YOU	29.07	186	eP	05 59.00	1.9
WBN	31.90	227	iPc	06 22.20	0.0
BAG	37.73	305	eP	07 11.20	-1.1
			eS	13 16.00	
MEK	38.26	233	iPd	07 16.10	-0.4
KRP	39.00	150	eP	07 22.90	0.5
NAU	39.14	240	eP	07 23.00	-0.8
	0.4s	13.00nm		5.2mb	
KLB	41.35	226	eP	07 41.00	-0.9
MRWA	41.47	231	iPd	07 42.40	-0.6
MSZ	41.69	153	eP	07 48.00	3.5X
NWAO	42.44	225	eP	07 51.50	0.7
MUN	42.67	227	eP	07 52.00	-0.8
RKG	43.22	224	iPd	07 59.70	2.5
MAT	43.51	344	eP	07 57.00	-2.5
	0.7s	11.64nm		4.8mb	
Z	20s	0.53um		4.4Msz	
			eS	14 26.00	
SHK	43.53	337	eP	07 58.60	-1.1
KGM	49.07	277	ePd	08 43.00	-0.7
PPI	51.65	274	e(P)	08 50.50	-12.9X
PSI	53.51	277	ePd	09 34.80	17.6X
LOE	54.42	296	eP	09 22.00	-1.8
KHT	56.47	291	eP	09 39.10	0.5
CHG	57.38	296	ePc	09 44.50	-0.6
	1.1s	18.99nm		5.1mb	
PMG	59.89	104	iP	10 04.10	1.6
	1.3s	165.00nm		6.0mb	
TPT	60.15	104	iP	10 06.00	1.7
	1.3s	95.00nm		5.8mb	
VAH	60 15	104	iP	10 05.40	1.1
	1 3s	95.00nm		5.8mb	
RUV	60.39	104	iP	10 07.30	1.4
	1.3s	80.00nm		5.7mb	

LZH	60.94	316	eP	10 09.00	-0.6
PKI	71.90	301	eP	11 18.90	-0.8
	0.8s	20.00nm		5.1mb	
KKN	72.07	301	eP	11 19.90	-0.7
	0.7s	41.00nm		5.5mb	
DMN	72.17	301	eP	11 20.70	-0.5
	0.8s	65.00nm		5.6mb	
SBA	72.98	177	e(P)	11 24.70	0.1
HYB	75.80	289	eP	11 40.50	-1.5
GBA	76.23	285	Pc	11 43.40	-1.0
	1.0s	23.20nm		5.1mb	
TTA	78.51	22	eP	11 57.40	1.1
PMR	80.46	25	P	12 06.00	-0.7
	1.1s	12.50nm		4.8mb	
PME	80.52	25	eP	12 06.50	-0.5
	1.0s	15.00nm		4.9mb	
COL	82.63	22	eP	12 17.00	-1.0
	0.7s	11.99nm		5.0mb	
PNL	83.96	28	eP	12 25.60	0.8
SPA	84.78	180	eP	12 30.00	0.9
	1.0s	9.50nm		4.8mb	
MAW	84.81	203	eP	12 30.00	1.0
QUE	88.26	300	eP	12 45.90	-1.0
INK	89.20	21	ePc	12 48.40	-1.8
WDC	90.01	49	eP	12 55.30	0.7
ARN	90.42	53	P	12 57.00	0.4
ORV	90.68	51	eP	12 58.30	0.6
JAS1	91.36	52	eP	13 01.00	0.1
PNT	92.95	41	eP	13 08.00	0.0
	1.0s	14.00nm		5.3mb	
MNA	93.18	52	eP	13 10.60	1.1
NEW	94.53	42	eP	13 15.50	0.2
MBC	94.76	14	eP	13 16.00	0.2
EUR	94.94	51	iP	13 18.80	1.1
	0.2s	16.75nm		6.1mb	
GLA	95.57	57	P	13 23.50	3.1X
YKA	96.24	28	eP	13 23.50	0.8
YKC	96.30	28	eP	13 23.00	0.0
EDM	97.02	37	ePc	13 27.10	0.6
SES	98.52	40	eP	13 33.00	-0.3
RMU	98.82	53	P	13 35.50	0.3
BDW	99.80	48	P	13 40.00	0.4
	1.0s	7.20nm		5.2mb	
RSSD	103.73	46	Pdiff	13 57.80	0.7
	1.1s	6.40nm		5.4mb	
LTX	105.13	61	Pdiff	14 19.00	15.5X
NB2	117.03	340	PKP	18 38.40	-1.2
	0.9s	2.30nm			
MTD	117.10	248	iPKPd	18 41.00	-0.1
BUL	118.85	244	iPKPd	18 44.30	-0.1
	0.8s	6.34nm			
VAY	122.36	316	ePKP	18 49.00	-1.3
BRG	122.61	330	ePKP	18 50.00	-0.4
	1.2s	14.00nm			
CLL	122.81	331	iPKP	18 50.40	-0.4
PRU	122.84	329	ePKP	18 50.00	-0.9
SKO	122.86	318	ePKP	18 50.50	-0.7
OHR	123.66	317	ePKP	18 51.70	-1.2
KHC	123.86	328	PKP	18 53.50	0.5
LJU	125.14	325	ePKP	18 55.00	-0.5
			e	20 24.50	
EKA	126.20	343	PKPd	18 56.90	-0.4
	0.8s	4.00nm			
GRC	130.29	332	iPKPd	19 06.00	0.7
BNG	133.53	271	iPKPd	19 12.10	-0.4
	0.8s	25.00nm			
			id	22 37.80	
LPB	134.91	119	ePKP	19 15.00	-0.5
PAG	145.36	69	ePKP	19 34.00	0.2
VAO	146.40	147	ePKP	19 37.30	1.8
			e	19 44.40	
			e	19 52.10	
TRN	146.60	79	iPKPc	19 37.00	1.2
	1.0s	292.00nm			
BAO	151.38	137	PKPc	19 50.30	6.9X
KIC	156.74	274	ePKP	20 01.00	10.3X
	S.D. = 1.1	on	91	of 101	obs.

% MAY 17, 1985 13h 17m 59.62± 0.77s
39.083 N ± 6.3km 27.591 E ± 9.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.73	201	ePn	18 14.00	0.0
DST	0.96	57	iPn	18 18.40	0.5
EZN	1.23	308	ePn	18 22.80	0.3
EDC	1.28	9	ePn	18 22.70	-0.6

YER	2.02	164	ePn	18 34.00	-0.2
	S.D. = 0.6	on	5	of 5	obs.

% MAY 17, 1985 13h 40m 31.72± 2.31s
45.208 N ±35.6km 25.172 E ± 9.5km
DEPTH = 10.0km (geophysicist)
ROMANIA (358)

CMP	0.11	302	iPc	40 34.00	-0.6
COZ	0.60	281	iPc	40 42.00	-1.9
MLR	0.81	62	iPc	40 43.00	-1.2
CVO	0.93	49	eP	40 50.00	0.4
VRI	1.28	58	iPc	40 56.00	0.6
CLO	1.68	266	iPc	41 02.00	0.7
DEV	1.73	294	ePd	41 04.00	2.0
	S.D. = 1.6	on	7	of 7	obs.

MAY 17, 1985 16h 00m 34.01± 0.69s
6.385 S ± 6.1km 147.505 E ± 7.5km
DEPTH = 42.5 ± 9.9 km
4.3mb (2 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.57	242	iPd	00 45.60	-0.2
MDG	2.05	303	eP	01 07.00	0.3
LMG	2.59	166	iPd	01 15.00	0.5
PMG	3.02	187	eP	01 21.50	0.9
MOM	4.32	359	eP	01 38.00	-0.9
WEW	4.78	306	eP	02 00.00	14.6X
ALOA	4.82	144	eP	01 45.00	-0.9
KVG	5.01	41	eP	01 49.00	0.3
TZZ	6.35	280	eP	02 09.00	1.4
CTA	13.68	185	iPd	03 51.00	3.4X
	0.8s	9.70nm		4.7mb	
WB2	18.57	222	eP	04 48.50	-1.4
WRA	18.58	222	Pd	04 48.90	-1.1
	0.4s	3.00nm		3.8mb	
ASPA	21.60	216	iPc	05 22.10	-0.3
WBN	28.01	223	iPd	06 24.30	1.0
NAU	34.79	239	eP	07 22.00	-0.9
KGM	44.90	279	ePd	08 46.30	-0.4
SPA	83.66	180	e(P)	13 01.00	1.6
	S.D. = 1.1	on	15	of 17	obs.

• MAY 17, 1985 16h 02m 13.51± 1.12s
52.834 N ±16.8km 160.433 E ±19.0km
DEPTH = 33.0km (normal)
4.9mb (10 obs.)
OFF EAST COAST OF KAMCHATKA (219)

MAT	22.43	233	eP	07 11.00	0.4
	0.8s	9.70nm		4.3mb	
YKA	43.36	42	eP	10 13.40	-0.4
DAG	50.87	360	iPc	11 11.70	-0.7
	0.5s	5.63nm		4.8mb	
SOD	55.41	340	iP	11 46.60	0.4
KJF	57.87	338	iP	12 04.20	0.4
	0.6s	10.40nm		5.1mb	
CHG	58.01	259	eP	12 05.50	0.1
SUF	59.50	337	iP	12 14.90	-0.3
	0.5s	7.40nm		5.1mb	
KKN	59.60	277	eP	12 16.20	-0.4
	0.6s	15.00nm		5.3mb	
PKI	59.68	277	eP	12 16.60	-0.7
	0.7s	10.00nm		5.1mb	
DMN	59.84	277	eP	12 18.10	-0.2
	0.7s	20.00nm		5.4mb	
NUR	61.78	337	eP	12 31.00	0.3
UPP	63.93	340	iP	12 44.70	-0.2
NB2	64.04	344	P	12 45.10	-0.6
	0.7s	3.80nm		4.6mb	
HFS	64.45	342	eP	12 47.40	-0.9
	0.5s	3.10nm		4.7mb	
HYB	71.46	275	eP	13 32.20	-0.5
CLL	72.86	339	e(P)	13 41.00	0.6
KHC	74.78	338	eP	13 53.50	1.8
GBA	75.08	273	P	14 08.00	14.2X
	0.7s	1.80nm			
KBA	76.76	338	eP	14 04.00	0.9
	0.7s	8.10nm		4.9mb	
			l	14 05.80	
			i	14 08.00	
	S.D. = 0.7	on	18	of 19	obs.

• MAY 17, 1985 16h 21m 05.06± 1.11s
5.676 S ±10.5km 147.245 E ±18.3km
DEPTH = 210.0 ± 12.4 km

4.4mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	1.00	194	eP	21 36.00	-0.1
LMG	3.33	164	iPc	21 59.20	-0.6
MOM	3.61	2	eP	22 03.00	0.0
PMG	3.71	181	iPd	22 04.60	0.4
TZZ	6.01	274	eP	22 34.00	0.6
MTN	17.42	245	eP	24 55.00	-1.6
WB2	18.93	220	iPd	25 12.20	-0.3
WRA	18.94	220	Pd	25 12.30	-0.3
	0.5s	6.50nm		4.4mb	
ASPA	22.02	214	eP	25 45.00	1.8
	S.D. = 1.2	on	9 of	9 obs.	

% MAY 17, 1985 16h 38m 08.74± 0.97s
39.145 N ± 6.9km 27.564 E ±11.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.78	198	iPg	38 24.00	0.0
			iSg	38 38.00	
EZN	1.18	306	iPn	38 30.80	0.1
EDC	1.22	11	ePn	38 31.70	0.2
KCT	1.26	29	iPn	38 32.20	0.0
KGT	1.32	351	iPn	38 32.70	-0.4
	S.D. = 0.3	on	5 of	5 obs.	

? MAY 17, 1985 16h 50m 03.54± 1.20s
16.210 S ±27.1km 178.083 W ±18.3km
DEPTH = 462.6 ± 10.6 km
4.4mb (5 obs.)
FIJI ISLANDS REGION (181)

VUN	3.75	241	eP	51 18.00	-0.1
			eS	52 25.00	
SGE	4.06	250	iP	51 20.50	-0.4
NDF	4.54	250	ePd	51 20.50	-4.5X
AFI	6.51	70	P	51 28.00	-16.6X
			S	52 38.00	
NOU	15.81	245	iPc	53 26.10	2.4
KOU	17.28	253	iPc	53 38.70	0.3
CTA	34.07	258	iPd	56 12.70	3.4X
	1.0s	15.50nm		4.4mb	
WB2	45.26	258	iPd	57 39.10	-1.0
WRA	45.27	258	Pc	57 39.50	-0.6
	0.7s	9.00nm		4.3mb	
ASPA	45.57	253	iPd	57 42.30	-0.2
	2.6s	77.00nm		5.3mb	
WBN	52.21	249	iPd	58 32.10	-0.3
	0.4s	10.00nm		4.5mb	
KLB	59.87	243	eP	59 24.50	-1.0
SPA	73.89	180	eP	00 51.30	-0.2
	0.8s	4.17nm		4.1mb	
YKA	92.67	25	eP	02 20.30	-5.1X
FLN	147.48	3	ePKP	08 51.30	-1.1
CDF	147.59	353	ePKP	08 52.20	-0.6
LDF	147.66	3	ePKP	08 51.40	-1.4
GRR	147.83	3	ePKP	08 52.50	-0.5
LPF	148.17	4	ePKP	08 53.40	-0.2
GRC	148.99	358	ePKPc	08 55.80	0.9
LOR	148.99	357	ePKP	08 55.70	0.8
SSF	149.21	358	ePKP	08 56.30	1.1
LBF	149.27	357	ePKP	08 56.40	1.0
AVF	149.49	358	ePKP	08 56.60	1.0
BGF	149.73	359	ePKP	08 57.40	1.4X
LSF	150.05	1	ePKP	08 57.90	1.4X
MZF	150.08	359	ePKP	08 58.40	1.8X
[illegible]F	151.37	360	ePKP	09 01.60	3.0X
LP[illegible]	151.61	1	ePKP	09 01.90	3.0X
	1 0	on	20 of	29 obs.	

& MAY 17, 1985 [illegible]oh 53m 55.45s
61.494 N 149.906 W
DEPTH = 53.2km
SOUTHERN ALASKA (2)
<AGS-P>.

PWA	0.16	5	iP	54 03.43	-0.5
PMS	0.30	146	iP	54 04.67	-0.4
PLRM	0.38	75	iP	54 05.12	-0.6
			iS	54 12.85	
SUA	0.40	266	iP	54 05.78	-0.3
			iS	54 14.14	
PME	0.44	72	iP	54 05 97	-0.3
			iS	54 14.28	
GHO	0.55	59	iP	54 07.27	-0.4
			iS	54 16.59	
MSE	0.57	52	iP	54 07.47	-0.4
			iS	54 17.04	
KNK	0.70	96	iP	54 09.20	-0.3
			iS	54 20.54	
PTE	0.76	146	iP	54 09.70	-0.5
			iS	54 21.01	
SML	0.81	67	iP	54 10.53	-0.5
			iS	54 21.87	
SKT	0.91	303	iP	54 11.85	-0.4
			iS	54 24.74	
NKA	0.99	221	eP	54 14.54	1.2
			eS	54 30.20	
SLKM	1.00	189	iP	54 12.53	-1.0
			iS	54 26.36	
MPA	1.04	165	iP	54 13.07	-0.9
			eS	54 27.07	
CFI	1.08	106	iP	54 14.24	-0.2
SPU	1.08	254	iP	54 14.31	-0.3
			iS	54 28.87	
CRP	1.11	259	iP	54 14.93	-0.1
SCM	1.28	73	eP	54 17.10	-0.2
SEW	1.41	171	eP	54 17.85	-1.3
TTV	1.42	107	iP	54 19.18	0.0
			eS	54 37.52	
GLI	1.50	113	iP	54 19.48	-0.8
RDT	1.53	234	iP	54 20.24	-0.6
			eS	54 38.67	
VZW	1.68	104	eP	54 22.47	-0.4
VLZ	1.76	100	eP	54 23.42	-0.6
			eS	54 43.60	
BRLK	1.80	196	eP	54 23.30	-1.3
			iS	54 48.26	
FID	1.82	113	eP	54 23.29	-1.6
TOA	1.88	69	eP	54 26.14	0.4
KLU	1.91	88	iP	54 25.23	-1.0
ILM	1.94	229	eP	54 25.95	-0.6
KMP	2.34	87	eP	54 30.73	-1.5
SGAM	2.50	111	eP	54 32.55	-1.9
SVW	2.79	265	eP	54 37.37	-1.2
COL	3.55	15	eP	54 50.00	0.6
BALM	3.68	94	eP	54 50.53	-0.8
	34 obs. associated				

MAY 17, 1985 17h 01m 23.82± 0.51s
26.616 N ± 9.0km 57.359 E ± 6.1km
DEPTH = 33.0km (normoi)
4.7mb (10 obs.)
SOUTHERN IRAN (353)

SHI	5.23	306	eP	02 42.00	0.1
QUE	9.16	65	eP	03 35.30	-1.7
			e(S)	06 16.00	
MHI	9.82	10	iPd	03 47.50	1.5
			eS	06 38.00	
IR2	10.58	330	eP	03 56.00	-0.3
KER	11.73	314	eP	04 08.00	-3.9X
BHD	13.05	304	eP	04 24.00	-5.5X
			eS	06 42.50	
RTB	16.14	298	eP	05 05.00	-4.8X
			iS	07 52.50	
			i	08 47.00	
			i	09 01.00	
			e	09 14.00	
JER	20.01	290	e(P)	05 57.00	0.4
NOH	20.06	287	e(P)	06 01.00	3.8X
HYB	21.65	111	eP	06 13.50	0.0
GBA	22.83	121	Pc	06 33.00	7.9X
	0.5s	7.30nm		4.4mb	
KKN	24.84	81	eP	06 45.50	0.6
	0.8s	19.00nm		4.7mb	
PKI	24.97	81	eP	06 46.60	0.3
	1.1s	27.00nm		4.8mb	
ELL	25.37	300	eP	06 50.20	0.5
NUR	40.54	336	iP	09 01.40	0.1
SUF	41.56	339	iP	09 09.70	0.1
	0.6s	4.70nm		4.4mb	
KJF	42.17	341	iP	09 14.00	-0.6
UPP	42.93	332	iP	09 19.00	-1.9
			i	09 20.80	
BNG	43.14	246	iPd	09 22.30	-0.8
	0.5s	5.00nm		4.5mb	
HFS	44.77	331	eP	09 35.30	-0.5
	0.7s	9.30nm		4.8mb	
SOD	44.87	344	iP	09 36.70	0.2
N82	46.28	331	P	09 47.00	-0.8
	0.7s	5.60nm		4.6mb	
DOU	46.39	315	P	09 50.20	1.5
KEV	46.64	346	iP	09 50.80	0.4
	0.6s	14.30nm		5.1mb	
ALE	67.47	353	ePc	12 17.70	-0.3
	0.8s	6.00nm		4.7mb	
WRA	87.79	113	Pc	14 11.20	0.0
	0.9s	5.30nm		4.8mb	
WB2	87.80	113	eP	14 12.30	1.1
YKA	90.97	356	eP	14 29.90	4.4X
	S.D. = 0.9	on	22 of	28 obs.	

* MAY 17, 1985 17h 25m 18.11± 1.68s
28.316 S ± 9.0km 177.979 W ±15.2km
DEPTH = 209.6 ± 13.7 km
5.0mb (8 obs.)
KERMADEC ISLANDS REGION (177)

SVA	10.67	341	eP	27 45.70	-1.0
GNZ	10.83	197	eP	27 48.00	-0.7
			S	29 40.10	
KRP	11.01	208	eP	27 50.80	-0.3
SGE	11.32	340	iPc	27 55.70	0.5
MNG	13.40	202	eP	28 13.00	-8.3X
			S	30 36.00	
NOU	15.29	290	iPc	28 46.00	1.3
AFI	15.45	23	P	28 40.00	-6.8X
			S	31 16.00	
KOU	17.89	292	iPc	29 16.20	1.6
CAN	28.82	248	eP	31 00.00	1.1
WAM	29.00	246	eP	31 01.30	1.0
YOU	29.27	250	eP	31 04.30	1.6
CTA	33.54	276	iPd	31 40.60	0.6
	0.5s	16.90nm		4.9mb	
ASPA	43.28	265	eP	32 59.00	-1.8
	1.3s	27.00nm		4.6mb	
WB2	44.06	270	eP	33 05.70	-1.4
WRA	44.07	270	Pc	33 05.50	-1.7
	0.7s	23.00nm		4.8mb	
WBN	48.98	259	eP	33 43.00	-2.5
SBA	50.11	184	iPc	33 57.00	3.7X
	1.0s	68.00nm		5.1mb	
NAU	59.69	259	eP	35 01.00	-1.9
SPA	61.84	180	e(P)	35 18.40	1.4
MAW	74.26	200	eP	36 34.00	0.7
MAT	76.55	325	eP	36 46.00	-0.6
	0.8s	8.21nm		4.5mb	
KGM	81.02	277	ePc	37 11.20	0.0
PPI	82.41	274	ePd	37 15.20	-3.2X
	0.7s	23.60nm		5.0mb	
IPM	84.25	278	ePc	37 27.60	-0.1
	0.9s	45.60nm		5.2mb	
PSI	85.19	276	iPd	37 31.90	-0.5
	1.0s	81.10nm		5.4mb	
NNT	89.24	285	eP	37 53.10	1.4
CHG	92.90	290	eP	38 10.50	2.0
ITR	126.29	127	e(Pdif	40 21.00	-16.9X
SOD	138.18	346	ePKP	44 27.00	8.1X
KJF	140.53	343	ePKP	44 24.00	0.8
SUF	142.14	342	ePKP	44 24.00	-2.1
NUR	144.36	341	ePKP	44 24.00	-5.9X
NUR	144.36	341	iPKP	44 28.00	-1.9
	0.7s	13.50nm			
NB2	146.70	352	PKP	44 34.80	0.9
	0.8s	5.20nm			
UPP	146.71	346	iPKP	44 34.40	0.6
HFS	147.21	349	ePKP	44 35.80	1.1
	0.7s	5.60nm			
JER	151.14	285	e(PKP)	44 49.00	7.3X
NOH	151.29	283	ePKP	44 49.50	7.5X
BNG	151.52	216	iPKPd	44 48.70	5.9X
	0.5s	8.00nm			
			id	44 58.50	
	S.D. = 1.4	on	29 of	39 obs.	

MAY 17, 1985 18h 11m 25.84± 0.68s
5.645 S ± 8.0km 151.286 E ± 8.8km
DEPTH = 33.0km (normoi)
4.0mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	0.41	325	iP	11 34.50	-0.6
			iS	11 40.00	
RAB	1.69	31	iPd	11 54.00	0.5
BGA	3.91	98	eP	12 25.00	-0.1
			eS	13 41.00	
PAA	4.23	99	e(P)	12 34.00	4.3X
LMG	4.49	224	eP	12 32.50	-1.0

17d 18h

ALOA	4.71	191	eP	12 36.00	-0.4
MOM	5.28	313	eP	12 50.00	5.6X
MDG	5.50	274	eP	12 30.00	-17.5X
PMG	5.55	227	eP	12 50.00	1.7
WB2	21.75	228	eP	16 16.70	0.1
WRA	21.76	228	Pc	16 16.60	-0.1
	0.6s		3.90nm		4.0mb
	S.D. = 1.0		on 8 of 11 obs.		

% MAY 17, 1985 18h 12m 55.82± 1.11s
39.074 N ± 7.2km 28.571 E ±15.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.53	5	iPg	13 04.30	-2.3
			iSg	13 18.30	
IZM	1.23	237	iPn	13 18.50	-0.2
EDC	1.38	337	iPn	13 21.20	0.1
YLV	1.61	22	iPn	13 24.20	-0.3
KGT	1.69	325	ePn	13 25.70	0.2
EZN	1.89	294	ePn	13 32.00	3.5X
YER	1.95	187	ePn	13 29.00	-0.3
ISK	2.02	11	iPn	13 32.20	1.9
CTT	2.07	357	ePn	13 32.00	0.9
	S.D. = 1.4		on 8 of 9 obs.		

• MAY 17, 1985 18h 16m 21.42± 1.21s
5.569 S ±14.0km 151.195 E ±20.9km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	0.29	331	iP	16 29.00	-0.1
			iS	16 36.00	
RAB	1.68	35	iPd	16 49.00	0.1
LMG	4.49	222	eP	17 28.00	-1.0
PMG	5.53	226	eP	17 45.00	1.4
WB2	21.74	227	eP	21 11.70	-0.4
WRA	21.74	227	P	21 17.00	4.9X
	0.6s		2.20nm		3.8mb
	S.D. = 1.2		on 5 of 6 obs.		

• MAY 17, 1985 18h 26m 13.37± 1.68s
6.013 S ±18.1km 146.694 E ±18.4km
DEPTH = 33.0km (normal)
3.3mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

MDG	1.18	310	iP	26 33.50	-0.2
LMG	3.22	153	eP	27 06.00	3.1X
PMG	3.40	172	eP	27 07.00	1.5
TZZ	5.50	277	eP	27 36.00	0.8
ALOA	5.60	149	eP	27 36.00	-0.6
WB2	18.32	220	eP	30 25.20	-1.6
WRA	18.33	220	P	30 30.00	3.1X
	0.4s		1.00nm		3.3mb
	S.D. = 1.7		on 5 of 7 obs.		

• MAY 17, 1985 18h 39m 41.70± 0.82s
40.130 N ± 8.6km 20.197 E ± 7.9km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

OHR	1.08	25	iPn	40 02.20	0.1
			iSn	40 19.30	
KZN	1.22	81	ePn	40 04.10	-0.3
			eSn	40 25.00	
LCI	1.73	277	ePg	40 11.80	-0.1
			e(Sg)	40 36.60	
VLS	1.97	171	ePn	40 15.70	0.2
SKO	2.07	27	ePn	40 21.00	4.2X
VAY	2.16	56	iPn	40 18.40	0.2
BRT	2.40	289	ePg	40 34.00	12.4X
			eSg	40 58.50	
ORI	2.88	270	e(Pn)	40 38.50	10.1X
	S.D. = 0.3		on 5 of 8 obs.		

MAY 17, 1985 18h 49m 30.30± 0.66s
40.129 N ± 7.1km 20.181 E ± 5.8km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

OHR	1.09	25	iPn	49 51.20	0.4
			iSn	50 08.30	
KZN	1.23	81	ePn	49 53.00	-0.2
			eSn	50 13.50	
LCI	1.72	278	ePn	50 00.00	-0.4
			eSg	50 22.50	
LIT	1.77	90	ePnd	50 01.70	0.5
			eSn	50 28.50	
GRG	1.88	63	ePnc	50 03.00	0.2
			eSn	50 31.20	
VLS	1.97	171	ePn	50 04.70	0.6
SKO	2.07	27	ePn	50 10.00	4.5X
VAY	2.17	56	iPn	50 07.00	0.0
KNT	2.31	63	ePn	50 09.20	0.2
BRT	2.39	289	ePg	50 18.00	7.9X
			eSg	50 47.80	
PAIG	2.69	93	ePnc	50 13.50	-0.9
ORI	2.86	270	e(Pn)	50 25.00	8.2X
OUR	2.92	85	ePnd	50 17.30	-0.3
			eSn	50 54.90	
	S.D. = 0.5		on 10 of 13 obs.		

• MAY 17, 1985 18h 57m 08.66± 1.99s
40.113 N ± 8.6km 29.216 E ±16.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KCT	0.67	282	iPg	57 22.20	0.2
			iSg	57 32.20	
DST	0.68	222	iPg	57 22.30	0.1
			iSg	57 33.30	
ISK	0.96	353	iPg	57 26.70	-0.2
			iSg	57 41.70	
EDC	1.06	283	iPn	57 28.20	-0.5
CTT	1.19	330	iPn	57 31.70	0.8
KGT	1.50	284	iPn	57 35.70	0.1
DMK	2.03	328	iPn	57 42.80	-0.5
EZN	2.24	264	ePn	57 51.00	4.7X
IZM	2.29	222	ePn	57 55.00	7.9X
	S.D. = 0.5		on 7 of 9 obs.		

% MAY 17, 1985 19h 27m 44.72± 1.53s
46.901 N ±12.0km 2.348 E ± 9.9km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.4 (LDG).

BGF	0.48	135	Pg	27 54.20	-0.4
			Sg	28 01.00	
AVF	0.70	99	Pg	27 58.60	0.1
			Sg	28 07.70	
MZF	0.70	167	Pg	27 57.80	-0.8
			Sg	28 07.20	
SSF	0.81	78	Pn	28 00.40	0.0
			Sg	28 11.80	
LSF	0.86	221	Pg	28 00.20	-1.1
			Sg	28 10.60	
SMF	1.06	103	Pg	28 04.70	0.0
			Sg	28 18.70	
LOR	1.10	70	Pg	28 05.50	0.2
			Sg	28 20.00	
LBF	1.12	85	Pg	28 05.40	-0.3
			Sg	28 20.20	
CAF	1.98	186	Pg	28 21.10	2.4
			Sg	28 45.80	
	S.D. = 1.1		on 9 of 9 obs.		

MAY 17, 1985 20h 23m 05.14± 1.17s
1.935 N ± 5.2km 125.587 E ± 6.2km
DEPTH = 51.8 ± 11.2 km
5.0mb (5 obs.)
MOLUCCA PASSAGE (266)

DAV	5.12	360	eP	24 22.00	0.8
AAI	6.16	155	ePc	24 37.50	1.6
			eS	25 35.30	
CGP	6.54	352	eP	24 48.50	7.4X
MKS	9.37	221	i(P)c	25 19.50	-0.9
			e	27 05.50	
KKM	10.20	294	ePc	25 40.10	8.3X
MTN	15.68	160	eP	26 44.00	-0.3
JAY	15.75	106	ePd	26 44.80	-0.4
TRT	16.08	233	iPc	26 55.40	6.0X
TZZ	17.18	115	eP	27 01.00	-2.3
MDG	21.40	110	e(P)	27 52.00	1.4
KGM	22.25	271	ePc	28 03.80	4.6X
LAT	23.01	112	eP	28 08.00	1.4
WRA	23.38	159	Pc	28 09.50	-0.7
	0.9s		63.00nm		5.1mb
WB2	23.38	159	iPc	28 09.20	-1.0
			eS	32 12.50	
IPM	24.66	277	ePd	28 27.40	4.8X
			e	28 45.00	
LMG	24.93	116	eP	28 23.00	-2.4
NAU	26.25	201	eP	28 38.20	0.9
PSI	26.65	272	ePc	28 42.60	1.4
ASPA	26.70	163	iPd	28 41.00	-0.6
WBN	27.93	178	eP	28 53.00	0.3
BDT	30.23	302	eP	29 15.00	1.6
CHG	31.03	305	eP	29 22.00	1.6
MRWA	32.31	196	eP	29 32.00	0.5
BAL	33.45	194	eP	29 42.00	0.6
KLB	34.16	192	eP	29 47.50	0.0
MUN	34.88	194	eP	29 54.00	0.3
RKG	36.71	192	eP	30 15.00	5.9X
STK	36.90	157	eP	30 10.00	-0.8
BJI	38.88	348	eP	30 26.00	-1.3
LZH	39.50	332	eP	30 33.00	0.3
COO	40.91	144	eP	30 44.00	-0.2
YOU	41.91	151	iPc	30 52.60	0.2
CAN	43.05	152	iPc	31 02.10	0.4
			iPcP	31 45.90	
WAM	43.71	152	eP	31 07.60	0.7
PKI	46.11	307	eP	31 25.60	-1.1
KKN	46.31	308	eP	31 27.30	-0.8
	0.8s		15.00nm		5.0mb
DMN	46.36	307	eP	31 27.80	-0.8
	1.0s		29.00nm		5.2mb
HYB	48.68	292	eP	31 45.50	-1.0
GBA	48.99	286	Pd	31 48.60	-0.3
	0.7s		7.90nm		4.9mb
MSZ	59.76	146	P	33 05.40	-1.7
QUE	62.15	303	eP	33 23.00	-0.9
MHI	69.70	308	eP	34 11.00	-0.9
IR2	76.45	306	(P)	34 50.00	-1.5
AVY	79.15	250	ePd	35 07.40	0.6
SBA	82.73	172	e(P)	35 24.80	0.5
TTA	83.01	27	eP	35 27.40	1.3
KDC	84.05	32	eP	35 32.10	0.8
BRW	84.23	18	eP	35 33.50	1.5
IMA	84.48	24	eP	35 35.30	1.8
	1.0s		12.50nm		4.9mb
PME	86.11	29	eP	35 41.70	0.2
SOD	91.68	338	eP	36 06.00	-1.8
KJF	91.70	334	eP	36 08.00	0.0
SPA	91.92	180	e(P)	36 10.00	0.9
INK	92.25	21	eP	36 10.00	-0.4
SUF	92.62	333	iP	36 10.50	-1.7
NUR	93.71	331	eP	36 16.00	-1.2
YKA	101.59	24	ePdiff	36 54.20	1.3
MDZ	146.36	158	ePKP	42 43.20	1.9
	S.D. = 1.2		on 52 of 58 obs.		

? MAY 17, 1985 20h 54m 12.71± 1.16s
17.053 N ±26.5km 145.455 E ±11.7km
DEPTH = 329.5 ± 21.3 km
4.2mb (4 obs.)
MARIANA ISLANDS (216)

GUMO	3.49	189	eP	55 16.20	0.5
PJG	3.49	189	eP	55 15.30	-0.4
GUA	3.53	189	eP	55 16.10	-0.1
	0.6s		112.00nm		
			eS	56 05.30	
BJI	34.18	318	eP	00 29.00	-0.4
XAN	36.81	304	P	00 51.50	-0.2
BTO	38.52	315	eP	01 06.30	0.5
GTA	45.38	309	iPd	02 01.80	0.7
PKI	56.07	292	eP	03 20.90	-0.3
	0.6s		5.00nm		4.1mb
KKN	56.17	292	eP	03 21.70	0.0
	0.8s		9.00nm		4.3mb
DMN	56.34	292	eP	03 23.00	0.1
	0.6s		8.00nm		4.3mb
MBC	74.79	14	eP	05 18.00	-0.4
MHI	76.93	304	eP	05 32.00	0.9
YKA	79.54	28	eP	05 45.40	0.9
YKC	79.61	28	eP	05 45.00	0.2
SOD	84.82	340	eP	06 11.00	-0.4
KJF	86.15	337	eP	06 17.00	-0.9
SUF	87.54	336	eP	06 24.00	-0.6
	0.6s		1.60nm		4.1mb
	S.D. = 0.6		on 17 of 17 obs.		

• MAY 17, 1985 21h 35m 16.10± 1.63s
27.968 S ±17.3km 27.277 E ±20.5km
DEPTH = 5.0km (geophysicist)
4.8mb (1 obs.)
REPUBLIC OF SOUTH AFRICA (584)

VIR	0.38	253	iPc	35	24.20	0.4
BLF	1.49	220	iPc	35	43.70	0.0
			S	36	00.30	
SLR	2.40	22	iP	36	03.00	6.2X
			S	36	26.00	
JOZ	4.29	84	eP	36	35.40	11.9X
			S	37	28.10	
BUL	7.88	9	iPd	37	16.00	1.7
			iSn	38	41.30	
			iSg	39	27.50	
KRI	11.29	12	iPn	38	00.00	-1.4
			iSn	40	00.00	
			iLg	41	12.00	
MTD	11.82	21	iPn	38	09.00	0.5
			iSn	40	18.00	
			iSg	41	25.00	
TET	13.13	28	eP	38	33.00	7.1X
			eSn	40	40.00	
			iSg	42	06.00	
			eLg	42	34.00	
BNG	33.30	344	iPc	41	56.50	-0.5
	0.6s		8.00nm			4.8mb
KIC	46.05	313	eP	43	42.00	-0.8
	S.D. = 1.2		on	7 of	10 obs.	

• MAY 17, 1985 22h 12m 56.74± 0.62s
6.555 S ±18.4km 154.682 E ±10.7km
DEPTH = 33.0km (normal)
4.9mb (4 obs.)
SOLOMON ISLANDS (193)

BGA	0.64	51	iPd	13	10.00	0.6
			eS	13	23.00	
PAA	0.84	73	iPd	13	12.00	-0.3
			eS	13	24.00	
PMG	7.98	249	eP	14	54.00	0.7
WB2	23.81	234	eP	18	07.20	-0.5
WRA	23.81	234	Pc	18	08.00	0.2
	1.0s		7.20nm			4.2mb
PKI	74.93	301	eP	24	36.70	-0.5
	1.0s		12.00nm			4.8mb
KKN	75.10	301	eP	24	37.70	-0.3
	0.8s		12.00nm			4.9mb
DMN	75.20	301	eP	24	38.60	0.0
	0.8s		21.00nm			5.2mb
	S.D. = 0.5		on	8 of	8 obs.	

• MAY 17, 1985 22h 20m 42.07± 0.58s
51.798 S ±11.8km 138.943 E ±17.0km
DEPTH = 10.0km (geophysicist)
5.0mb (3 obs.)
SOUTH OF AUSTRALIA (437)

TOO	14.87	21	eP	24	16.00	2.0
ADE	16.74	359	ePc	24	39.50	1.5
WAM	17.06	28	iPc	24	42.10	0.1
CAN	17.90	28	eP	24	52.70	0.1
YOU	18.71	25	eP	25	00.90	-1.7
MSZ	20.47	81	P	25	05.60	-16.6X
MNG	27.35	81	eP	26	29.00	0.1
SBA	28.16	168	eP	26	27.70	-8.2X
ASPA	28.26	350	iPc	26	36.30	-1.0
	1.1s		22.00nm			4.9mb
			eS	31	34.00	
WB2	31.90	352	iPc	27	08.10	-1.6
			e	29	36.80	
WRA	31.90	352	Pc	27	08.30	-1.4
	1.1s		45.00nm			5.3mb
CTA	32.07	13	iP	27	11.80	0.6
	1.2s		20.31nm			4.9mb
			iS	32	26.00	
SPA	38.48	180	e(P)	28	00.50	-5.2X
IPM	64.71	317	ePd	31	21.00	-1.5
CHG	78.43	322	eP	32	46.50	2.1
SLR	81.95	238	eP	33	04.00	0.6
LZH	92.68	332	eP	33	57.00	2.0
INK	135.79	32	ePKP	40	02.00	-1.0
KJF	143.37	317	ePKP	40	15.00	-1.9
SUF	143.69	314	ePKP	40	13.00	-4.5X
	0.8s		6.20nm			
LJU	143.77	284	e(PKP)	40	31.50	13.3X
NUR	143.80	310	ePKP	40	16.00	-1.7
VOY	144.15	283	e(PKP)	40	17.20	-1.7
SOD	144.42	322	iPKP	40	16.80	-1.8
SOD	144.42	322	ePKP	40	13.00	-5.6X
			i	40	16.80	
KEV	144.57	326	ePKP	40	13.00	-5.8X
KSP	144.91	292	ePKP	40	19.50	-0.4
KBA	144.99	284	iPKPc	40	18.40	-2.0
	0.8s		11.90nm			
			i	40	21.00	
			i	40	25.10	
CVF	145.44	275	ePKP	40	22.60	1.4
CTI	145.52	282	ePKP	40	21.00	-0.3
PRU	145.57	290	ePKP	40	20.00	-1.1
			e	40	38.50	
KHC	145.77	288	PKP	40	22.10	0.6
			i	40	24.00	
SAL	145.99	280	ePKP	40	25.00	3.1X
WET	146.19	287	iPKPc	40	23.60	1.4
	1.0s		11.00nm			
BRG	146.28	291	ePKP	40	24.00	1.8
	1.0s		12.00nm			
OGA	146.29	283	ePKP	40	23.10	0.4
	0.8s		18.00nm			
CLL	147.00	291	ePKP	40	25.00	1.6
UPP	147.04	308	iPKP	40	24.60	1.5
LMR	147.31	274	ePKP	40	26.90	2.8X
FRF	147.35	275	ePKP	40	27.20	3.0X
GRF	147.41	288	ePKP	40	24.90	0.8
			e	40	27.20	
MOX	147.55	289	e(PKP)	40	25.00	0.7
CDR	147.95	274	ePKPc	40	28.80	3.6X
HFS	149.03	307	ePKP	40	30.20	3.9X
	0.5s		1.40nm			
BSF	149.29	282	ePKP	40	30.40	3.1X
HAU	149.64	282	ePKP	40	31.50	3.8X
EBR	149.67	266	(PKP)	40	35.00	7.1X
NB2	150.36	309	PKP	40	33.20	4.8X
	0.7s		2.60nm			
WLF	150.42	285	PKP	40	35.60	6.9X
SMF	150.58	278	ePKP	40	34.60	5.5X
LBF	150.65	279	ePKP	40	34.90	5.6X
LOR	150.85	279	ePKP	40	35.20	5.7X
WTS	150.85	290	ePKP	40	35.50	6.2X
	1.0s		13.00nm			
CAF	150.88	274	ePKP	40	35.80	6.1X
AVF	150.95	278	ePKP	40	35.50	5.9X
ENN	150.96	287	ePKP	40	35.50	6.0X
	1.0s		10.00nm			
SSF	150.97	279	ePKP	40	35.70	6.0X
EPF	150.99	269	ePKP	40	35.70	5.8X
BGF	151.16	277	ePKP	40	36.40	6.4X
MZF	151.16	276	ePKP	40	36.30	6.3X
LPO	151.31	273	ePKP	40	36.00	5.7X
GRC	151.34	279	iPKPc	40	36.80	6.6X
RJF	151.40	274	ePKP	40	36.90	6.5X
DOU	151.52	285	PKP	40	37.80	7.4X
TOL	151.92	260	ePKP	40	40.00	8.6X
	S.D. = 1.4		on	32 of	65 obs.	

• MAY 17, 1985 22h 46m 05.88± 1.69s
36.007 N ±13.8km 141.348 E ±15.5km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (I JMA) at Choshi.

CHO	0.50	236	ePd	46	16.30	-0.1
			iS	46	23.30	
MIT	0.80	298	ePd	46	20.00	-0.7
			S	46	29.40	
TSK	1.02	282	iPd	46	23.70	-0.2
TOK	1.33	257	eP	46	31.00	2.7X
			eS	46	43.00	
SRY	1.73	257	eP	46	34.50	0.4
DDR	1.75	270	eP	46	34.10	-0.3
			S	47	02.70	
OYM	1.81	252	eP	46	58.70	23.4X
MAT	2.59	283	iPd	46	47.50	1.1
			eS	47	20.00	
GBA	61.09	266	Pd	56	18.80	-0.4
	1.0s		8.50nm			4.8mb
NB2	75.11	337	P	57	46.40	0.3
	0.7s		1.00nm			3.9mb
	S.D. = 0.7		on	8 of	10 obs.	

& MAY 17, 1985 23h 45m 22.50s
40.437 N 125.407 W
DEPTH = 5.0km (geophysicist)
OFF COAST OF NORTHERN CALIFORNIA(34)
<BRK>. ML 3.4 (BRK).

FHC	1.14	71	iPc	45	43.20	-1.2
			iS	45	57.30	
WDC	2.19	85	iPc	45	58.00	-2.1
			iS	46	24.20	
GAS	2.21	110	eP	45	58.50	-2.0
MIN	2.91	91	ePc	46	08.00	-2.4
			eS	46	42.00	
ORV	3.13	105	eP	46	12.20	-1.2
			e	46	46.40	
			iS	46	47.60	
ARN	4.32	134	eP	46	27.00	-3.4
	6 obs. associated					

? MAY 18, 1985 00h 36m 42.86± 1.18s
5.462 S ±20.5km 151.097 E ±28.3km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	0.16	343	iPd	36	48.80	-0.3
			iS	36	53.00	
RAB	1.65	40	eP	37	10.00	0.0
LAT	4.24	254	eP	37	53.00	6.2X
LMG	4.50	220	eP	37	49.00	-1.7
PMG	5.54	225	eP	38	06.00	0.8
WB2	21.74	227	eP	41	33.00	-0.5
WRA	21.75	227	Pd	41	35.20	1.6
	0.6s		4.30nm			4.0mb
	S.D. = 1.5		on	6 of	7 obs.	

MAY 18, 1985 01h 13m 37.31± 0.16s
43.300 N ± 2.2km 20.935 E ± 1.9km
DEPTH = 10.0km (geophysicist)
4.5mb (13 obs.)
YUGOSLAVIA (383)
ML 4.2 (TTG). Many homes destroyed or damaged (VII) and landslides in the Kopoanik region.

IVA	0.87	241	iPgc	13	54.10	0.0
			iSg	14	07.20	
PVY	1.00	225	iPg	13	56.20	-0.1
			iSg	14	09.50	
PLE	1.12	272	iPg	13	59.40	0.9
			iSg	14	14.50	
SKO	1.38	164	iPgc	14	02.50	-0.1
TTG	1.51	235	iPg	14	06.00	1.7
			iSg	14	27.60	
BEO	1.56	347	ePn	14	06.20	1.1
			iPg	14	08.00	
			iSn	14	28.20	
			iSg	14	29.40	
SSR	1.67	20	iP	14	07.00	0.3
BRY	1.80	258	iPn	14	10.50	1.8
			iSn	14	38.00	
VTS	1.80	112	iPd	14	10.00	1.4
			iSg	14	36.00	
ULC	1.82	224	iPnd	14	12.00	3.0X
			iPg	14	15.50	
			eSn	14	40.00	
BDV	1.85	237	ePn	14	12.70	3.3X
			eSn	14	39.50	
HCY	1.98	245	iPn	14	23.70	12.4X
			eSn	14	44.50	
SRE	2.13	49	ePd	14	15.00	1.6
OHR	2.19	183	iPnc	14	15.30	1.0
CLO	2.22	36	iPd	14	15.00	0.2
VAY	2.32	148	iPnc	14	15.00	-1.1
			i	14	50.00	
			iSn	14	58.70	
GRG	2.58	155	ePnc	14	20.30	0.4
			eSn	15	05.30	
KNT	2.59	145	ePnd	14	20.30	0.4
			eSn	15	05.60	
MMB	2.68	129	iPd	14	22.00	0.7
			iSg	15	05.00	
SRS	2.94	137	ePn	14	25.00	0.0
			eSn	15	16.70	
PLD	3.02	112	iPc	14	27.00	0.9
			iSg	15	16.00	
KZN	3.06	168	eP	14	27.40	0.8
SOH	3.06	143	ePn	14	26.90	0.2
			eSn	15	18.10	
THE	3.07	150	ePn	14	26.70	0.1
THE	3.07	150	ePn	14	26.80	0.2
PVL	3.10	91	iPd	14	28.00	0.8
COZ	3.17	49	iPd	14	29.00	0.6

18d 01h

LIT	3.40	159	ePnc	14	31.30	-0.2
CMP	3.54	55	ePd	14	37.00	3.5X
DIM	3.65	108	iP	14	35.00	0.0
			eSg	15	34.00	
KDZ	3.66	115	iPc	14	35.00	-0.2
			iS	15	18.00	
LCI	3.71	218	ePn	14	35.30	-0.5
	1.2s	210.00nm				
OUR	3.74	141	ePnd	14	35.90	-0.3
CGN	3.77	75	iPc	14	37.00	0.3
BUC1	3.83	72	iPc	14	52.00	14.4X
MSR	3.90	44	ePc	14	47.00	8.5X
PAIG	3.95	148	ePnc	14	38.80	-0.4
MLR	4.21	57	iPd	14	44.00	1.0
JMB	4.23	99	eP	14	43.00	-0.3
			eSg	15	30.00	
BUD	4.40	343	iPc	14	45.20	-0.3
CVC	4.51	64	ePd	14	48.00	0.7
CP	4.67	227	ePn	14	50.00	0.5
PSI	4.68	351	iPc	14	48.80	-0.9
VPI	4.87	56	iPc	14	52.50	0.2
SRO	4.87	339	iPc	14	52.40	0.0
			i	15	51.00	
			i	16	22.00	
			i	16	36.00	
			e(S)	16	52.00	
BRD	4.91	61	eP	14	53.00	0.1
SGO	5.01	239	ePn	14	54.30	0.0
DUI	5.06	253	ePn	14	56.50	1.5
	0.8s	120.00nm			5.5mb X	
VLS	5.12	183	eP	14	55.80	-0.1
JOS	5.20	357	iPc	14	57.70	0.7
DMK	5.25	104	iPn	14	57.10	-0.6
CEY	5.25	300	iPn	14	58.80	1.0
			eSg	16	21.20	
TLB	5.29	73	iPc	14	58.00	-0.2
PSN	5.29	83	iPc	14	58.00	-0.2
			iSg	16	25.00	
LJU	5.33	303	ePnd	14	59.70	0.9
			e	15	18.50	
			eSn	16	00.00	
EZN	5.33	129	iPn	14	57.80	-1.0
MFT	5.35	116	iPn	14	59.00	-0.2
SOP	5.36	326	ePc	14	58.80	-0.4
CFR	5.52	68	eP	15	00.00	-1.5
KGT	5.54	119	iPn	15	01.00	-0.8
CLI	5.56	52	iPc	15	03.00	0.9
PPE	5.58	56	eP	15	05.00	2.6
ZST	5.58	333	eP	15	02.40	0.0
			i	15	03.40	
			i	15	10.00	
			i	15	16.40	
			i	16	55.50	
AQU	5.62	263	ePn	15	04.20	1.2
			eSn	17	01.00	
TRI	5.67	298	iPnd	15	04.00	0.4
			iSn	16	08.40	
			iSg	16	42.60	
			i	16	46.90	
PRK	5.71	133	eP	15	04.00	-0.1
VOY	5.72	301	iPnd	15	04.80	0.4
			iSn	16	09.00	
ATH	5.73	157	eP	15	07.00	2.6
SPC	5.91	356	i(Pn)c	15	07.70	0.6
			i	15	42.60	
			e	16	23.60	
			i	17	14.90	
VKA	5.92	329	e(Pn)	15	07.00	-0.1
			i	15	33.70	
			i(Sn)	16	16.50	
			i	16	50.30	
EDC	5.96	117	iPnc	15	07.20	-0.4
CTT	5.97	109	iPn	15	06.50	-1.3
MNS	6.14	234	ePn	15	10.00	-0.1
KCT	6.33	116	iPn	15	11.50	-1.5
ISP	6.43	108	ePn	15	11.00	-3.4X
KBA	6.56	308	iPnd	15	16.20	-0.2
	0.8s	210.00nm			6.2mb X	
			i	16	28.70	
			iSn	16	33.80	
			i	17	21.40	
KMR	6.73	317	ePn	15	20.00	1.4
			i	16	25.00	
KRA	6.79	355	iPc	15	19.40	0.0
Z	12s	4.90um				
N	12s	3.50um				
E	11s	2.80um				

			e	15	24.50	
			i	15	34.30	
IZM	6.85	133	iPn	15	20.00	-0.3
DST	6.86	120	iPn	15	19.30	-1.1
CTI	7.17	296	ePn	15	24.40	-0.4
	0.7s	7000.00nm			7.9mb X	
BHG	7.18	311	eP	15	26.40	1.5
GIB	7.47	227	ePn	15	29.50	0.4
KHC	7.75	321	iPd	15	32.60	-0.2
	0.9s	37.00nm			5.6mb X	
			e	17	16.40	
			e	18	09.50	
SAL	7.80	291	ePn	15	31.60	-1.9
OGA	7.87	300	iPd	15	34.40	-0.3
PRU	8.00	329	Pn	15	35.50	-0.9
Z	13s	1.50um				
N	14s	1.30um				
E	14s	0.50um				
			e	16	27.50	
			Sn	17	18.50	
WET	8.08	319	eP	15	37.20	-0.3
GAP	8.10	304	eP	15	38.90	1.0
KSP	8.18	339	eP	15	40.00	1.1
	1.0s	32.00nm			5.5mb X	
			ic	15	47.00	
			i	17	29.50	
FUR	8.32	309	eP	15	40.80	-0.1
YER	8.33	135	eP	15	40.60	-0.5
OSS	8.36	298	ePd	15	42.70	1.1
VDL	8.74	295	eP+	15	48.20	1.3
CVF	8.88	269	eP	15	47.70	-0.9
	1.0s	29.10nm			5.6mb X	
BRG	8.95	330	ePn	15	50.00	0.6
			e	17	35.00	
SAX	9.08	300	eP+	15	53.80	2.3
LLS	9.17	297	eP+	15	54.30	1.6
GRF	9.26	317	ePn	15	53.40	-0.3
			e	16	01.00	
			e	16	11.70	
			e(Sn)	17	37.80	
HOF	9.36	322	iPc	15	55.40	0.2
	1.3s	30.00nm			5.5mb X	
ORO	9.55	289	e(Pn)	16	23.50	25.6X
CLL	9.65	329	iPn	15	59.70	0.6
	1.4s	18.00nm			5.3mb X	
			e	17	56.00	
MOX	9.72	322	eP	16	00.00	-0.1
Z	11s	2.30um				
N	10s	1.30um				
E	10s	1.30um				
ZUL	9.76	300	eP+	16	01.20	0.4
SLE	9.80	301	ePd	16	00.80	-0.6
DIX	10.03	291	eP+	16	05.90	1.3
BUH	10.34	306	eP	16	08.20	-0.6
EMS	10.35	290	ePd	16	09.20	0.2
FRF	10.40	276	eP	16	07.60	-1.9
	1.0s	50.00nm			5.9mb X	
LMR	10.52	275	eP	16	09.10	-2.0
	0.8s	6.70nm			5.1mb X	
LRG	10.61	276	eP	16	10.90	-1.5
	0.8s	43.00nm			5.9mb X	
CDF	10.81	303	eP	16	14.00	-1.2
GWF	10.84	306	eP	16	15.60	0.1
BSF	10.90	299	eP	16	15.00	-1.4
TNS	11.01	313	eP	16	17.20	-0.6
			eS	18	14.30	
CDR	11.03	277	ePc	16	16.60	-1.5
			e	18	15.00	
			e	18	16.10	
HAU	11.24	300	eP	16	20.40	-0.6
WLF	12.00	307	Pc	16	34.10	2.8
			S	18	43.00	
BNS	12.09	314	eP	16	34.00	1.5
LBF	12.53	293	eP	16	36.20	-2.2
	0.8s	7.90nm			5.0mb X	
MEM	12.53	311	Pc	16	39.40	1.0
			S	18	54.20	
SMF	12.56	291	eP	16	36.70	-2.1
	1.0s	16.00nm			5.2mb X	
ENN	12.66	311	iPc	16	42.50	2.4
	1.0s	10.00nm			5.0mb X	
			i	18	53.00	
LOR	12.66	294	eP	16	38.10	-2.1
	0.8s	8.00nm			5.0mb X	
SSF	12.86	293	eP	16	40.80	-2.0
	1.0s	12.00nm			5.1mb X	
WTS	12.88	317	eP	16	49.00	6.0X

	1.0s	8.00nm			4.9mb X	
AVF	12.91	292	eP	16	42.40	-1.1
	1.2s	12.30nm			5.0mb X	
DOU	13.10	307	P	16	46.50	0.6
			S	19	03.80	
GRC	13.19	294	ePd	16	46.20	-1.0
			e	21	05.80	
BGF	13.22	291	eP	16	46.70	-0.9
	0.8s	6.40nm			4.8mb X	
UCC	13.54	309	eP	17	03.00	11.2X
CAF	13.66	283	eP	16	51.80	-1.6
MLS	14.50	275	eP	17	05.60	1.1
FLN	15.83	298	eP	17	25.40	3.8X
	0.9s	16.30nm			4.2mb	
JER	16.11	131	eP	17	29.00	3.6X
UPP	16.71	354	iP	17	32.80	0.1
RMN	16.80	135	eP	17	32.50	-1.7
NUR	17.38	6	iP	17	39.20	-2.0
	1.2s	28.90nm			4.3mb	
Z	16s	0.30um				
			LR	25	00.00	
HFS	17.43	348	eP	17	38.90	-2.9
	0.5s	1.50nm			3.4mb X	
NB2	18.70	345	P	17	56.20	-1.4
	1.4s	11.10nm			3.9mb	
TOL	18.98	268	eP	18	03.00	1.9
EKA	19.67	316	Pc	18	10.00	0.8
	1.1s	11.10nm			4.1mb	
SUF	19.69	7	iP	18	07.80	-1.6
	0.8s	6.80nm			4.0mb	
ECP	20.30	305	eP	18	13.40	-2.3
	1.0s	20.00nm			4.4mb	
ETA	20.34	307	eP	18	15.20	-1.0
	1.2s	35.00nm			4.6mb	
ECB	20.59	306	eP	18	14.50	-4.3X
	1.1s	40.00nm			4.7mb	
DLE	20.71	308	eP	18	19.00	-1.0
KJF	21.30	8	iP	18	25.10	-0.8
	0.8s	30.80nm			4.7mb	
IR2	24.26	98	eP	18	57.00	1.5
SOD	24.32	5	iP	18	57.10	1.4
BNG	38.76	184	iPd	21	04.30	0.7
	0.8s	11.00nm			4.6mb	
KIC	43.18	219	eP	21	40.50	0.5
	0.7s	19.00nm			5.0mb	
PKI	53.57	85	eP	23	00.50	-0.5
GBA	56.53	104	Pc	23	19.70	-2.5
	0.4s	6.60nm			5.0mb	
YKA	68.70	340	eP	24	43.00	0.4
FFC	70.94	329	eP	24	56.00	-0.4
	1.2s	10.00nm			4.8mb	
WRA	120.30	89	Pdiffc	28	36.70	-17.8X
	0.8s	4.70nm				
ASPA	122.27	93	ePdiff	29	19.00	15.8X
	0.7s	24.00nm				
			eS	35	16.00	
CTA	129.05	81	iPdiff	29	18.10	-15.4X
	0.8s	10.82nm				
	S.D. = 1.1	on 143 of 159 obs.				

* MAY 18, 1985 02h 11m 55.73± 1.08s
28.838 S ± 8.1km 68.370 W ±14.9km
DEPTH = 33.0km (normal)
LA RIOJA PROVINCE, ARGENTINA (138)

CYA	2.30	81	iPc	12	33.20	1.1
			S	12	59.50	
RTLL	2.48	182	iPc	12	35.20	0.4
			S	13	06.00	
RTCB	2.67	188	iPc	12	37.50	0.1
			S	13	12.00	
CFA	2.76	178	ePc	12	38.60	-0.1
			S	13	12.10	
RTCV	3.02	183	iPc	12	42.20	-0.1
			S	13	18.00	
FSA	3.45	38	iPc	12	49.00	0.5
MDZ	4.05	186	eP	12	57.20	0.1
			i(S)	13	27.60	
MDZ	4.05	186	iP	13	46.70	49.6X
			i(S)	14	05.40	
TCA	4.12	128	ePd	12	56.90	-1.1
			S	13	42.20	
SLA	4.83	33	ePc	13	07.20	-1.0
	S.D. = 0.8	on 9 of 10 obs.				

MAY 18, 1985 03h 12m 57.60± 0.34s
8.423 N ± 6.8km 82.732 W ± 5.0km

DEPTH = 33.0km (normal)
5.1mb (16 obs.) 3.9Msz (1 obs.)
PANAMA-COSTA RICA BORDER REGION (80)
Felt at Chiriqui, Panama.

UPA	3.21	80	iPd	13	47.00	0.1
	1.0s	180.00nm				
			IS	14	29.00	
PSO	8.98	143	eP	15	09.00	0.6
BOG	9.40	113	eP	15	16.50	2.3
			eS	17	06.00	
BMG	9.66	97	eP	15	18.00	0.4
STH	11.19	30	eP	15	39.00	0.6
BBJ	11.23	28	eP	15	39.50	0.4
GIE	11.82	220	eP	15	42.80	-4.1X
			eS	18	37.00	
SDV	11.97	87	eP	15	51.80	2.6
TOV	12.85	83	eP	16	00.50	-0.3
VHO	16.21	304	iPc	16	46.00	1.2
SJG	18.78	57	iPc	17	18.00	1.3
TPM	19.00	305	iPc	17	21.00	1.4
III	19.03	303	eP	17	23.50	3.6X
IIC	19.58	307	iPc	17	28.00	1.6
OXM	19.67	305	iPd	17	28.50	1.1
ARE	27.11	156	eP	18	39.00	-1.0
JCT	27.14	326	eP	18	38.20	-1.6
BHO	28.14	338	iPc	18	47.70	-1.1
POW	28.66	346	P	18	52.70	-0.8
LPB	28.71	150	eP	18	58.00	3.4X
			LR	30	10.00	
ELC	29.33	349	P	18	58.40	-1.1
RLO	29.81	340	iPd	19	02.60	-1.2
TUL	29.85	338	iPd	19	05.00	0.8
	1.0s	32.90nm			5.1mb	
Z	20s	0.31um			3.9Msz	
		e		19	23.00	
FVM	30.24	348	P	19	06.80	-0.8
ALQ	34.20	324	eP	19	41.00	-1.5
	1.2s	12.11nm			4.7mb	
GOL	37.15	331	P	20	07.40	-0.1
	1.0s	21.25nm			5.0mb	
MSU	39.99	323	P	20	32.00	0.7
RSSD	40.11	336	P	20	32.50	0.3
	1.0s	27.50nm			5.0mb	
DAU	40.74	326	P	20	38.20	0.7
SDW	40.88	315	P	20	40.40	1.9
DUG	41.47	325	P	20	43.50	0.2
BDW	41.54	330	P	20	43.20	-0.7
	1.2s	20.65nm			4.7mb	
BAO	41.90	125	eP	20	46.00	-1.0
VPEM	42.10	316	P	20	49.40	0.9
WKTM	42.45	315	P	20	53.40	2.1
EUR	42.90	321	iP	20	55.20	0.1
	0.5s	5.05nm			4.5mb	
TMI	43.11	329	P	20	56.60	-0.2
MDZ	43.15	163	eP	20	56.00	-1.0
RSON	43.27	350	P	20	55.80	-1.8
	0.9s	48.32nm			5.2mb	
MNA	43.68	319	ePc	21	02.70	1.4
FRI	43.94	316	eP	21	03.10	-0.2
HPI	44.01	328	P	21	04.30	0.2
PRI	44.19	314	eP	21	06.30	0.9
LLA	44.61	315	eP	21	09.00	0.2
JAS1	44.91	317	eP	21	11.70	0.6
			e	21	19.90	
SLD	45.03	315	P	21	13.00	0.9
LRM	45.18	331	eP	21	13.10	-0.4
SOB1	45.20	112	e(P)	21	09.00	-4.8X
			e	21	13.30	
			e	21	19.50	
ARN	45.38	315	P	21	16.60	1.7
MHC	45.46	315	eP	21	16.40	0.8
GCC	45.55	315	eP	21	16.90	0.7
BKS	46.13	316	iPd	21	22.50	1.8
	0.9s	36.00nm			5.3mb	
BRK	46.14	316	eP	21	21.60	0.8
ORV	46.48	318	ePc	21	24.50	1.0
			e	21	32.40	
VAO	46.91	132	ePd	21	24.90	-2.3
MIN	46.96	319	eP	21	27.00	-0.5
RMT	47.44	318	P	21	30.40	-0.6
WDC	47.69	319	ePc	21	30.80	-2.2
FFC	48.67	345	ePc	21	39.30	-1.1
	1.3s	21.00nm			5.0mb	
FHC	48.75	318	ePc	21	42.00	0.7
NEW	49.17	330	eP	21	43.00	-1.4
PNT	51.11	330	eP	21	58.00	-1.2
	1.1s	35.00nm			5.2mb	
FRB	56.16	8	eP	22	33.00	-3.1X
YKC	58.69	343	eP	22	53.00	-1.0
	1.0s	18.00nm			5.1mb	
RSNT	58.72	343	P	22	52.60	-1.7
	1.1s	17.44nm			5.1mb	
YKA	58.74	343	eP	22	53.00	-1.4
INK	68.42	342	ePc	23	57.70	-0.2
MBC	70.65	351	eP	24	10.50	-1.0
	1.0s	33.00nm			5.4mb	
PMR	71.51	332	eP	24	16.20	-0.6
COL	71.97	336	eP	24	19.00	-0.6
	1.2s	19.53nm			5.0mb	
FBA	71.97	336	P	24	19.20	-0.4
IMA	74.66	336	eP	24	35.10	-0.4
TTA	74.95	333	eP	24	36.00	-1.1
TOL	75.98	51	eP	24	55.00	11.6X
KIC	77.25	85	eP	24	51.10	0.2
	1.3s	114.00nm			5.7mb	
NB2	84.61	29	P	25	29.60	0.7
	1.1s	5.00nm			4.6mb	
KHC	87.81	41	eP	25	45.00	0.1
KKN	142.18	17	ePKP	32	24.00	-5.3X
	0.8s	9.00nm				
DMN	142.30	18	ePKP	32	24.60	-5.0X
	0.8s	12.00nm				
WB2	142.36	248	ePKP	32	23.60	-6.0X
WRA	142.37	248	PKPd	32	23.20	-6.4X
	0.9s	8.60nm				
PKI	142.42	17	ePKP	32	24.60	-5.3X
	0.9s	10.00nm				
HYB	148.36	36	ePKP	32	38.50	-1.1
	1.0s	25.00nm				
GBA	150.56	42	PKPd	32	42.90	0.0
	0.9s	13.00nm				
CHG	152.89	357	ePKP	32	46.00	-0.3
KOD	152.94	47	ePKP	32	54.00	7.1X
	S.D. = 1.1	on	74 of	86	obs.	

? MAY 18, 1985 03h 44m 37.36± 1.20s
5.458 S ±101.km 150.874 E ±102.km
DEPTH = 33.0km (normal)
3.6mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	0.23	51	iP	44	44.00	-0.3
			iS	44	50.50	
RAB	1.80	46	eP	45	07.00	0.4
LMG	4.37	218	iPd	45	42.80	-0.5
PMG	5.39	223	eP	45	59.00	1.5
WB2	21.58	227	eP	49	25.30	-1.1
			e	49	33.70	
WRA	21.59	227	P	49	36.00	9.5X
	0.7s	1.80nm			3.6mb	
	S.D. = 1.4	on	5 of	6	obs.	

• MAY 18, 1985 03h 56m 17.66± 1.20s
66.416 N ±13.4km 149.901 W ±10.4km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.7 (PMR).

IMA	1.57	259	eP	56	45.50	-0.2
TTA	4.37	220	eP	57	26.40	0.7
TOA	4.62	158	eP	57	30.20	1.0
PMR	4.86	176	eP	57	31.00	-1.4
INK	6.60	66	eP	57	57.00	0.0
	S.D. = 1.3	on	5 of	5	obs.	

• MAY 18, 1985 04h 16m 28.25± 1.04s
6.509 S ±10.9km 130.014 E ±15.1km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
BANDA SEA (280)

AAI	3.34	327	iPd	17	18.50	-0.9
			iS	17	54.10	
MTN	6.39	170	eP	18	05.00	2.4
			eS	19	20.00	
KNA	9.27	187	eP	18	42.00	-0.6
			eS	20	26.00	
TZZ	11.22	84	eP	19	10.00	0.5
WRA	14.00	163	Pd	19	44.80	-1.6
	0.5s	4.50nm			4.5mb	
WB2	14.00	163	eP	19	44.10	-2.5
			eS	22	16.70	
PMG	17.22	101	eP	20	34.00	6.0X
ASPA	17.46	168	eP	20	31.00	-0.1
			eS	23	40.00	
WBN	19.80	189	eP	21	00.00	1.1
CTA	20.75	132	eP	21	17.00	8.1X
NAU	21.22	220	eP	21	14.00	0.4
AIA	107.65	174	ePdiff	30	46.70	1.5
	S.D. = 1.7	on	10 of	12	obs.	

• MAY 18, 1985 04h 29m 51.37± 0.89s
44.295 N ± 6.1km 6.845 E ±14 3km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.7 (LDG), 2.7 (FOUF).

FOUF	0.24	349	P	29	56.45	0.0
FRF	0.75	191	Pg	30	06.10	0.1
			Sg	30	15.80	
LRG	0.91	203	Pg	30	08.60	-0.2
LMR	0.99	194	Pg	30	10.30	0.1
			Sg	30	22.70	
CVF	2.27	139	Pn	30	29.50	0.0
			Sn	30	55.40	
	S.D. = 0.2	on	5 of	5	obs.	

• MAY 18, 1985 05h 09m 23.92± 0.61s
17.755 S ± 9.3km 178.126 W ± 9.6km
DEPTH = 611.0 ± 7.2 km
5.5mb (7 obs.)
FIJI ISLANDS REGION (181)

VUN	3.26	265	eP	10	45.20	-0.6
			eS	11	53.00	
SGE	3.77	272	iPd	10	49.30	0.1
NDF	4.22	269	eP	10	52.50	0.4
AFI	7.21	59	P	11	17.00	0.2
			S	12	47.00	
NOU	15.18	250	iPd	12	32.50	-1.0
KOU	16.85	258	iPc	12	49.80	0.3
KRP	20.85	194	P	13	27.20	0.9
GNZ	21.08	188	P	13	28.90	0.5
WEL	24.23	193	P	13	55.50	-1.1
	0.8s	155.22nm			5.7mb	
TCW	24.27	194	P	13	55.50	-1.4
MSZ	29.28	201	P	14	40.50	0.1
COO	30.08	239	iPd	14	47.80	0.3
RMQ	31.81	248	iPd	15	02.20	0.2
CTA	33.74	260	iPd	15	18.20	0.0
	0.8s	38.06nm			5.1mb	
CAN	34.01	233	iPd	15	21.00	0.6
YOU	34.10	235	eP	15	21.70	0.6
WAM	34.44	231	iPd	15	25.20	1.4
PMG	34.70	279	iPd	15	26.00	-0.2
	0.9s	201.68nm			5.7mb	
CMS	35.33	240	iPd	15	31.70	0.5
	0.8s	38.00nm			5.1mb	
STK	38.94	241	iPd	16	01.60	0.9
TZZ	41.62	282	eP	16	23.00	0.8
JAY	43.12	286	ePd	16	34.80	0.7
WB2	44.91	259	iPd	16	47.10	-0.7
WRA	44.92	259	Pd	16	46.90	-1.6
	0.6s	20.30nm			4.8mb	
ASPA	45.09	254	iPd	16	48.20	-1.6
	0.9s	212.00nm			5.7mb	
MTN	49.07	268	eP	17	18.00	-1.2
	1.4s	385.00nm			5.7mb	
WBN	51.65	250	iPd	17	37.90	0.0
KLB	59.13	243	eP	18	29.30	-0.2
MUN	60.43	243	eP	8	46.70	8.6X
	S.D. = 0.8	on	28 of	29	obs.	

MAY 18, 1985 06h 50m 52.41± 0.36s
40.727 N ± 7.4km 71.325 E ± 8.0km
DEPTH = 33.0km (normal)
4.7mb (14 obs.) 3.9Msz (1 obs.)
TAJIK SSR (715)
Felt (V) at Pap, (IV) at Namangan, (III) at Andizhan and (II) at Toshkent.

QUE	11.10	200	eP	53	27.80	-4.3X
			eS	57	17.00	
			e	06	55.00	
NDI	12.95	156	eP	53	56.00	-0.8
			eS	56	11.00	
IR2	16.83	259	eP	54	47.00	-0.1
DMN	17.33	135	eP	54	51.70	-1.9
	0.7s	8.00nm			4.0mb	

18d 06h

PKI	17 52 134 eP	54 53.90	-2.2		
	0.6s 11.00nm	4.2mb			
SHI	18.89 240 eP	55 13.00	0.3		
POO	22.23 174 iPc	55 52.00	4.2X		
SHL	22.83 125 eP	55 55.60	1.8		
HYB	24.05 163 eP	56 07.50	1.9		
GBA	27.54 167 Pc	56 38.20	0.1		
	0.2s 3.50nm	4.7mb			
KJF	34.39 328 iP	57 38.00	-0.1		
	0.6s 13.00nm	5.0mb			
SUF	34.54 325 iP	57 38.90	-0.6		
NUR	34.63 321 iP	57 42.90	2.7		
	Z 18s 0.20um	3.9Msz			
	LR	12 30.00			
SOD	36.06 332 eP	57 52.00	-0.3		
VAY	36.40 287 eP	57 56.00	0.6		
KRA	36.62 302 eP	57 56.70	-0.5		
HFS	39.98 319 eP	58 23.90	-1.2		
	0.6s 9.60nm	4.7mb			
	Z 13s 0.34um	4.4MszX			
	LR	14 05.00			
BRG	40.32 304 eP	58 28.00	-0.1		
	0.8s 17.00nm	4.8mb			
	e	59 28.00			
CLL	40.85 305 eP	58 32.00	-0.4		
KHC	40.85 302 iPd	58 33.00	0.5		
NB2	41.23 320 P	58 34.00	-1.4		
	0.7s 6.40nm	4.5mb			
VOY	41.30 297 eP	58 19.00	-17.3X		
	e(Sg)	58 31.10			
MOX	41.82 304 eP	58 41.00	0.6		
EKA	49.49 314 Pd	59 40.20	-1.1		
	0.8s 3.80nm	4.5mb			
BNG	59.45 247 ePd	00 51.20	-3.3X		
	0.8s 4.00nm	4.6mb			
	id	01 36.90			
MBC	63.11 3 eP	01 17.00	-1.4		
	0.8s 19.00nm	5.3mb			
INK	69.72 10 eP	02 00.00	-0.4		
COL	70.35 17 eP	02 05.00	0.7		
	0.9s 6.30nm	4.7mb			
KIC	75.32 266 eP	02 33.40	-1.0		
YKA	77.02 3 eP	02 43.60	0.5		
YKC	77.04 3 eP	02 43.00	-0.2		
	0.8s 12.08nm	5.0mb			
WRA	84.03 123 Pd	03 21.70	0.8		
	1.0s 5.50nm	4.7mb			
WB2	84.04 123 eP	03 22.80	1.8		
FFC	84.75 356 eP	03 24.50	0.4		
	1.0s 13.00nm	5.1mb			
PNT	89.82 7 eP	03 50.00	1.1		
S.D. = 1.2 on 31 of 35 obs.					

* MAY 18, 1985 07h 26m 00.23± 0.96s
34.286 S ±15.2km 73.203 W ±14.0km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
OFF COAST OF CENTRAL CHILE (134)

MDZ	3.89 70 eP	27 09.10	9.8X		
	i	27 20.40			
RFA	3.94 98 ePd	27 01.40	1.4		
TCA	7.82 70 ePd	27 52.00	-2.7		
	S	29 18.00			
ARE	17.82 5 eP	30 12.00	4.4X		
LPB	18.26 16 P	30 15.00	1.7		
VAO	25.55 71 eP	31 28.30	0.5		
	e	31 45.10			
SPA	55.89 130 eP	35 36.70	-0.3		
	1.0s 16.50nm	5.0mb			
BHO	71.26 341 e(P)	37 16.60	-1.5		
	1.2s 3.10nm	4.2mb			
TUL	72.95 341 eP	37 28.20	0.1		
	1.0s 7.70nm	4.7mb			
RLO	72.99 342 e(P)	37 36.00	7.7X		
ALQ	75.57 332 eP	37 30.00	-13.5X		
KIC	76.09 72 eP	37 46.50	-0.1		
BUL	88.13 113 iPc	38 49.80	0.4		
	0.6s 3.33nm	4.8mb			
KRI	90.84 111 eP	39 10.00	7.9X		
GBA	146.38 121 PKPc	45 38.80	0.3		
	0.3s 8.00nm				
HYB	149.68 117 ePKP	45 47.00	3.3X		
S.D. = 1.5 on 10 of 16 obs.					

MAY 18, 1985 0Bh 54m 20.63± 0.73s
40.714 N ± 6.5km 15.235 E ± 8.4km
DEPTH = 10.0km (geophysicist)
SOUTHERN ITALY (390)

SGO	0.17 160 iPgc	54 23.50	-0.9		
DUI	1.11 328 ePn	54 41.00	-0.5		
	eSn	55 04.50			
ORI	1.14 125 iPgc	54 43.00	1.1		
BRT	1.50 83 ePg	54 46.90	-0.7		
AQU	2.14 321 ePn	55 06.50	9.6X		
MNS	2.54 312 e(Pn)	55 11.00	8.4X		
GIB	2.89 199 e(Pn)	55 08.00	0.4		
OHR	4.23 83 ePn	55 26.70	0.0		
SKO	4.84 73 ePn	55 30.00	-5.2X		
LJU	5.35 355 e(Pn)	55 58.50	16.1X		
	e	56 05.00			
VOY	5.40 350 ePn	55 43.90	0.6		
	eSn	56 41.10			
S.D. = 0.9 on 7 of 11 obs.					

? MAY 18, 1985 09h 02m 0B.84± 9.70s
31.696 S ±33.4km 69.545 W ±75.7km
DEPTH = 125.6 ± 49.0 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.67 72 iPd	02 28.80	-0.1		
	S	02 43.30			
RTCV	0.87 101 iPd	02 30.40	-0.1		
	S	02 46.10			
RTLL	0.99 69 iPd	02 31.70	0.1		
	S	02 48.30			
CFA	1.12 86 ePd	02 33.00	0.1		
	S	02 50.20			
MDZ	1.32 154 eP	02 35.10	0.0		
	iS	02 52.80			
TCA	4.25 86 ePc	03 12.70	-0.1		
	S	03 59.00			
S.D. = 0.2 on 6 of 6 obs.					

* MAY 18, 1985 09h 54m 01.42± 0.91s
31.784 S ±11.9km 67.725 W ± 8.5km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

RTCV	0.70 263 ePd	54 15.90	1.1		
	(S)	54 28.20			
RTLL	0.78 305 iPc	54 15.80	-0.2		
RTCB	0.96 288 iPc	54 18.10	-0.6		
	S	54 30.50			
MDZ	1.45 221 eP	54 47.70	22.0X		
	e(S)	55 32.00			
TCA	2.71 81 iPd	54 43.90	0.2		
	S	55 16.00			
RFA	3.04 192 ePc	54 48.00	-0.4		
	S	55 25.30			
S.D. = 0.9 on 5 of 6 obs.					

* MAY 18, 1985 09h 57m 28.58± 0.47s
36.269 S ± 9.9km 100.661 W ±11.1km
DEPTH = 10.0km (geophysicist)
4.6mb (10 obs.)
SOUTHERN PACIFIC OCEAN (692)

MDZ	26.35 92 eP	03 13.80	7.2X		
LPB	34.93 64 P	04 25.00	1.9		
	LR	14 04.00			
PSO	43.14 35 eP	05 32.00	0.6		
BOG	47.69 37 eP	06 08.50	0.8		
	eS	13 12.00			
VAO	47.95 89 e(P)	06 03.00	-6.5X		
VAO	47.95 89 eP	06 09.80	0.3		
SPA	53.92 180 eP	06 55.90	1.7		
	1.1s 7.74nm	4.6mb			
SBA	55.40 195 e(P)	07 05.20	0.5		
CAR	56.34 41 eP	07 12.00	-0.3		
SOB1	60.30 79 eP	07 37.80	-2.2		
	1.0s 63.20nm	5.7mb X			
	e	07 44.10			
ITR	62.53 80 eP	07 53.80	-1 3		
	e	08 01.00			
LTX	65.32 357 P	08 12.00	-0.9		
	1.0s 3.00nm	4.4mb			
MSZ	66.53 231 eP	08 19.00	-1.6		
BHO	70.49 5 e(P)	08 43.80	-1.3		
ALQ	71.05 355 eP	08 47.20	-1.6		
	1.0s 3.75nm	4.5mb			
TUL	71.95 4 eP	08 58.70	4.8X		
	0.9s 9.60nm	4.9mb			
	Z 23s 0.09um	4.0MszX			
RLO	72.26 5 eP	08 56.60	0.9		
RMU	73.60 351 P	09 08.00	4.2X		
YMT3	74.14 347 P	09 07.50	0.6		
PRI	74.40 343 e(P)	09 09.20	0.8		
FVM	74.49 8 P	09 07.00	-1.7		
	0.9s 7.63nm	4.7mb			
PRN	74.51 348 P	09 10.50	1.4		
PRS	74.75 343 ePc	09 10.80	0.5		
FRI	75.00 344 eP	09 10.80	-0.9		
	e	09 17.00			
ARN	75.76 343 P	09 15.00	-1.1		
MHC	75.78 343 ePc	09 17.10	0.8		
	e	09 22.80			
JAS1	76.06 344 ePc	09 18.00	0.3		
	e	09 24.10			
MNA	76.07 346 eP	09 18.60	0.6		
BKS	76.43 343 e(P)	09 26.90	7.1X		
	0.9s 33.00nm	5.4mb			
EUR	76.69 348 iP	09 22.00	0.5		
	1.0s 3.85nm	4.4mb			
BMN	77.83 347 P	09 29.00	1.3		
	1.0s 2.00nm	4.2mb			
ORV	77.86 344 ePc	09 27.80	0.1		
	e	09 34.00			
WDC	79.07 343 ePc	09 33.80	-0.5		
	e	09 40.00			
BDW	79.09 353 P	09 34.00	-0.7		
	1.1s 9.41nm	4.7mb			
FHC	79.63 342 eP	09 38.20	0.8		
RSSD	80.07 358 P	09 41.40	1.5		
	1.1s 7.56nm	4.6mb			
NEW	85.43 349 eP	10 07.00	-0.2		
SES	86.78 353 eP	10 13.00	-0.8		
YKA	99.06 353 eP	11 16.60	6.5X		
SSE	145.00 274 e(PKP)	17 07.00	-0.7		
BJI	150.92 289 ePKP	17 22.00	5.2X		
LOE	152.69 232 ePKP	17 26.50	6.4X		
S.D. = 1.1 on 34 of 42 obs.					

* MAY 18, 1985 10h 20m 22.05± 1.39s
42.743 N ±14.6km 23.516 E ± 7.7km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

VTS	0.27 238 iPgc	20 26.00	-1.8		
PLD	1.09 126 eP	20 41.00	-1.5		
MMB	1.16 172 iPgd	20 45.00	1.2		
PVL	1.28 71 iPd	20 46.00	0.2		
VAY	1.59 207 ePn	20 50.50	0.3		
DIM	1.68 114 eP	21 13.00	21.4X		
SKO	1.72 244 iPn	20 53.50	1.3		
KDZ	1.75 128 iP	20 53.00	0.3		
OHR	2.60 232 ePn	21 11.60	6.7X		
PSN	3.54 73 eP	22 11.00	52.9X		
S.D. = 1.5 on 7 of 10 obs.					

* MAY 18, 1985 10h 21m 55.92± 1.03s
41.052 N ±11.0km 19.727 E ± 7.5km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.6 (TTG).

OHR	0.81 85 iPg	22 10.00	-1.7		
	iSg	22 20.80			
ULC	0.98 339 ePg	22 14.10	-0.4		
	eSg	22 27.00			
TTG	1.42 346 ePg	22 21.00	-0.7		
	eSg	22 41.00			
LCI	1.53 243 ePn	22 23.00	-0.2		
	e(Sn)	22 44.00			
SKO	1.58 54 iPn	22 24.00	0.0		
	iSn	22 44.00			
HCY	1.67 327 ePn	22 25.60	0.3		
	eSn	22 48.60			
BRY	2.05 335 ePn	22 31.70	0.8		
	eSn	23 00.00			
VAY	2.16 82 ePn	22 34.50	2.0		
ORI	2.69 249 ePn	22 48.00	8.0X		
DUI	4.01 280 ePn	22 43.00	-15.7X		
S.D. = 1.3 on 8 of 10 obs.					

% MAY 18, 1985 10h 42m 04.13± 1.01s
40.165 N ± 7.4km 28.925 E ± 7.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KCT 0.44 281 iPg 42 13.20 0.0
iSg 42 20.20
YLV 0.53 40 iPg 42 15.20 0.4
iSg 42 23.20
DST 0.60 202 iPg 42 16.30 -0.1
iSg 42 27.30
EDC 0.83 283 iPg 42 20.20 0.0
iSg 42 35.20
ISK 0.91 6 ePg 42 21.00 -0.4
CTT 1.05 339 iPn 42 24.20 0.3
KGT 1.27 284 iPn 42 29.20 1.5
MFT 1.40 297 ePn 42 28.00 -1.8
DMK 1.88 332 ePn 42 36.70 0.2
S.D. = 1.0 on 9 of 9 obs.

? MAY 18, 1985 11h 09m 09.79± 1.43s
7.712 S ±24.3km 27.048 E ±41.7km
DEPTH = 33.0km (normol)
4.3mb (1 obs.)
ZAIRE REPUBLIC (567)

KRI 9.40 165 iPnc 11 26.00 -0.2
iSn 13 10.00
iSg 14 11.00
MTD 10.04 154 iPn 11 33.00 -2.0
iSn 13 21.00
iSg 14 18.00
TET 10.54 143 ePn 11 43.00 1.3
eSn 13 27.00
iSg 14 29.00
BUL 12.45 173 iPn 12 08.70 1.0
eSn 14 43.70
iLg 15 50.80
BNG 14.75 325 iPd 12 37.90 -0.1
0.4s 5.00nm 4.3mb
ic 13 35.00
id 15 19.00
id 17 11.90
S.D. = 1.8 on 5 of 5 obs.

? MAY 18, 1985 12h 05m 47.87± 2.37s
40.541 N ±12.3km 123.966 W ±21.1km
DEPTH = 10.0km (geophysicist)
NORTHERN CALIFORNIA (36)
ML 3.9 (BRK).

FHC 0.26 357 iPc 05 53.60 0.2
iS 05 58.30
WDC 1.09 88 ePc 06 09.10 0.8
GAS 1.31 132 eP 06 12.70 0.6
MIN 1.81 95 ePd 06 19.80 0.3
i 06 28.80
LMHM 2.03 59 eP 06 22.00 -0.8
ORV 2.13 117 e(P) 06 22.90 -1.1
S.D. = 1.0 on 6 of 6 obs.

• MAY 18, 1985 12h 23m 01.34± 1.34s
40.105 N ±12.2km 138.573 E ±19.4km
DEPTH = 33.0km (normol)
4.4mb (1 obs.)
EASTERN SEA OF JAPAN (223)

AKI 1.24 108 eP 23 20.00 -2.4
S 23 40.50
AOM 1.83 66 eP 23 33.00 2.0
S 23 57.70
MAT 3.57 185 iPc 23 56.30 0.5
eS 24 38.00
TSK 4.07 162 eP 24 03.20 0.3
DDR 4.13 173 eP 24 05.70 1.9
COL 47.74 34 eP 31 37.00 0.4
INK 52.71 28 eP 32 14.00 -0.4
WB2 59.87 185 eP 33 05.70 -0.4
WRA 59.87 185 Pd 33 04.00 -2.1
0.4s 1.40nm 4.4mb
S.D. = 1.8 on 9 of 9 obs.

MAY 18, 1985 13h 11m 39.18± 0.27s
81.851 N ± 4.9km 3.804 W ± 5.3km
DEPTH = 10.0km (geophysicist)
4.8mb (40 obs.) 5.0Msz (1 obs.)
NORTH OF SVALBARD (641)

KBS 3.94 130 iP+ 12 38.90 -2.0
eS 13 19.60
DAG 5.79 216 iPd 13 03.40 -3.6X
0.4s 118.64nm 5.9mb X

ALE 7.72 303 eP 13 29.00 -5.1X
KEV 13.95 132 iP 14 58.20 -0.5
0.6s 26.10nm 5.2mb
i 15 06.50
SOD 16.21 135 iP 15 26.00 -2.0
AKU 16.63 201 eP 15 37.70 4.3X
1.0s 24.00nm 4.3mb
GDH 16.73 251 iPc 15 26.40 -8.3X
0.5s 22.54nm 4.6mb
i 18 22.00
i 20 14.00
KJF 19.41 136 iP 16 06.00 -1.7
0.8s 44.00nm 4.8mb
i 16 13.00
eS 19 48.00
SUF 20.71 139 iPc 16 20.40 -1.1
NB2 21.30 160 P 16 26.70 -0.9
0.9s 16.90nm 4.4mb
HFS 22.33 157 eP 16 37.70 -0.2
1.3s 57.90nm 4.9mb
Z 16s 0.31um 3.8MszX
LR 23 06.00
NUR 22.75 142 iP 16 43.20 1.2
0.9s 67.60nm 5.2mb
Z 23s 0.40um 3.8MszX
i 16 55.40
eS 20 52.00
LR 24 30.00
UPP 22.85 152 iP 16 44.10 1.1
FRB 24.00 262 ePc 16 53.80 -0.3
MUD 25.78 163 iPc 17 12.00 0.8
1.0s 24.00nm 4.8mb
INK 27.77 322 eP 17 29.00 -0.3
WTS 30.16 167 ePd 17 51.30 0.4
0.9s 10.00nm 4.7mb
CLL 31.10 159 iP 17 58.50 -0.7
1.4s 23.00nm 4.9mb
i 18 07.40
ENN 31.36 168 eP 18 01.00 -0.5
1.0s 19.00nm 5.0mb
e 18 09.50
YKC 31.45 304 eP 18 02.00 -0.2
1.0s 13.00nm 4.8mb
YKA 31.45 304 eP 18 02.50 0.3
MEM 31.52 168 P 18 02.40 -0.5
BRG 31.59 158 iP 18 03.10 -0.4
1.3s 22.00nm 4.9mb
i 18 12.00
MOX 31.70 161 iPc 18 05.00 0.5
1.3s 39.00nm 5.2mb
i 18 13.00
KSP 31.75 156 eP 18 04.00 -0.9
COL 32.22 332 eP 18 10.00 1.0
SCH 32.37 254 eP 18 09.00 -1.3
PRU 32.50 158 Pd 18 12.50 1.0
e 18 20.30
GRF 32.63 162 iPc 18 13.50 0.8
1.3s 28.00nm 5.0mb
e 18 21.90
KRA 32.76 151 iPc 18 13.90 0.1
0.9s 32.00nm 5.3mb
e 18 17.30
i 18 22.40
GWF 33.21 166 eP 18 17.20 -0.5
KHC 33.31 159 iPc 18 20.00 1.4
e 18 28.00
GRR 33.61 176 eP 18 20.00 -1.1
1.0s 13.00nm 4.8mb
CDF 33.76 167 eP 18 22.80 0.2
1.2s 14.20nm 4.8mb
HAU 34.14 168 eP 18 26.10 0.4
1.2s 11.40nm 4.7mb
BSF 34.32 167 eP 18 27.60 0.1
1.2s 7.70nm 4.5mb
ZST 34.43 155 e(P) 18 29.50 1.2
e 18 38.00
SLE 34.45 165 eP+ 18 28.90 0.5
ZUL 34.73 165 eP+ 18 31.20 0.3
GRC 34.76 172 iPd 18 30.60 -0.5
e 18 38.80
LOR 34.81 171 eP 18 31.00 -0.5
1.0s 6.80nm 4.5mb
SAX 34.99 164 eP 18 34.20 0.8
SSF 35.01 171 eP 18 32.60 -0.6
0.9s 14.70nm 4.9mb
LBF 35.09 171 eP 18 33.30 -0.7
1.0s 12.90nm 4.8mb

AVF 35.27 171 eP 18 35.20 -0.2
1.1s 12.70nm 4.7mb
KBA 35.34 160 e(P) 18 37.00 0.7
1.0s 5.60nm 4.4mb
i 18 44.80
LLS 35.36 165 eP+ 18 37.40 0.9
SMF 35.43 171 eP 18 36.60 -0.2
BGF 35.50 172 eP 18 37.00 -0.4
1.0s 17.30nm 4.9mb
OSS 35.59 163 eP+ 18 39.10 0.7
LSF 35.78 174 eP 18 39.10 -0.7
1.0s 8.10nm 4.5mb
MZF 35.83 172 eP 18 39.80 -0.4
1.1s 12.20nm 4.7mb
EMS 36.09 167 eP+ 18 43.10 0.5
DIX 36.09 167 eP+ 18 43.90 1.2
MMK 36.14 166 eP+ 18 44.80 1.7
CTI 36.29 162 iPd 18 44.50 0.3
ORO 36.57 166 e(P) 18 46.00 -0.5
RJF 36.73 174 eP 18 47.70 0.0
1.0s 20.00nm 4.9mb
CAF 37.11 173 eP 18 51.10 0.1
FRF 38.59 168 eP 19 03.90 0.5
1.0s 12.50nm 4.6mb
LRG 38.68 168 eP 19 04.60 0.5
1.2s 14.80nm 4.6mb
EPF 38.98 175 eP 19 06.50 -0.2
1.1s 14.60nm 4.6mb
MNS 39.99 161 eP 19 16.00 1.0
EDM 40.35 299 eP 19 19.00 1.1
SKO 40.91 151 eP 19 23.00 0.4
VAY 41.64 150 eP 19 29.00 0.4
OHR 41.73 152 eP 19 29.50 0.1
SES 42.83 296 eP 19 38.50 0.2
NEW 45.68 301 eP 19 02.00 0.7
MHI 50.57 111 eP 20 41.00 1.5
EUR 54.19 298 iP 21 06.80 0.1
0.9s 4.14nm 4.5mb
BJI 54.59 55 eP 21 09.00 -0.3
RLO 54.61 277 eP 21 08.20 -1.4
e 21 16.00
TUL 54.98 278 eP 21 10.80 -1.5
1.3s 26.40nm 5.1mb
Z 19s 1.14um 5.0Msz
e 21 18.40
BHO 56.35 277 eP 21 21.30 -0.8
ALQ 57.41 288 eP 21 24.00 -6.0X
1.0s 4.50nm 4.5mb
KKN 62.55 87 eP 22 05.30 0.0
0.8s 34.00nm 5.6mb
PKI 62.78 87 eP 22 06.70 -0.2
1.0s 12.00nm 5.0mb
HYB 71.79 95 eP 23 10.80 7.4X
CHG 73.29 75 eP 23 08.50 -3.7X
GBA 75.38 97 Pc 23 23.60 -0.6
0.3s 1.10nm 4.4mb
KIC 75.48 181 eP 23 24.30 -0.5
0.6s 24.00nm 5.4mb
BNG 78.02 157 iPd 23 38.90 -0.1
0.6s 12.00nm 5.2mb
S.D. = 0.8 on 76 of 83 obs.

% MAY 18, 1985 13h 20m 50.71± 0.87s
39.123 N ± 7.0km 27.561 E ± 8.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.76 198 ePg 21 05.50 -0.1
iSg 21 17.50
DST 0.96 59 iPn 21 09.30 0.3
iPg 21 23.30
EZN 1.19 307 ePn 21 12.90 0.1
EDC 1.24 11 ePn 21 12.70 -1.1
KCT 1.28 28 iPn 21 14.60 0.1
KGT 1.34 352 ePn 21 16.10 0.7
S.D. = 0.8 on 6 of 6 obs.

• MAY 18, 1985 13h 30m 22.03± 1.64s
6.646 S ±15.3km 147.816 E ±15.8km
DEPTH = 33.0km (normol)
3.4mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LMG 2.27 172 iPc 30 59.40 1.3
MDG 2.45 304 eP 31 00.00 -0.6
ALOA 4.43 145 eP 31 28.00 -0.6
TZZ 6.70 281 eP 32 02.00 1.2

18d 13h

```
WB2     18.59 223 eP     34 38.00   -0.8
WRA     18.60 223 Pc     34 37.70   -1.2
        0.3s      0.90nm          3.4mb
ASPA    21.57 217 iPc    35 11.20    0.2
WBN     28.04 224 eP     36 13.00    0.6
      S.D. = 1.1  on   8 of   8 obs.

*  MAY  18, 1985  13h 39m 09.42± 0.80s
   24.535 N ± 6.2km  121.464 E ±14.3km
   DEPTH =  33.0km  (normal)
 TAIWAN                              (244)

TWC     0.36  78 iPc    39 17.50   -0.4
TWD     0.47 165 iPc    39 20.50    0.9
                eS      39 31.50
TWZ     0.57  11 iPd    39 21.00    0.0
ANP     0.65   4 eP     39 22.50    0.3
TWF1    1.19 187 iPc    39 29.50   -0.3
                eS      39 48.00
TWG     1.74 192 iP     39 37.30   -0.5
                eS      40 01.50
      S.D. = 0.7  on   6 of   6 obs.

   MAY  18, 1985  15h 19m 38.88± 0.61s
   36.597 N ±10.3km   71.144 E ± 7.3km
   DEPTH =  33.0km  (normal)
   4.4mb (  5 obs.)
 AFGHANISTAN-USSR BORDER REGION  (717)

QUE     7.29 210 eP     21 26.00    0.0
                e(S)    22 46.00
MHI     9.39 272 eP     21 55.00   -0.1
DMN    14.83 113 eP     23 08.50    0.3
        0.6s     14.00nm          4.5mb
KKN    14.83 122 eP     23 08.00   -0.1
        0.6s     14.00nm          4.5mb
PKI    15.06 123 eP     23 11.00   -0.2
        0.7s     14.00nm          4.4mb
HFS    43.06 322 eP     27 36.80   -0.1
        0.5s      2.60nm          4.2mb
NB2    44.37 323 P      27 47.80    0.2
        0.5s      1.50nm          4.0mb
MOM    80.21 100 e(P)   32 05.00   17.2X
      S.D. = 0.2  on   7 of   8 obs.

   MAY  18, 1985  16h 59m 13.87± 0.14s
   19.000 S ± 3.5km   69.053 W ± 3.7km
   DEPTH = 109.8km  ( 55 depth phases)
   5.5mb ( 64 obs.)
 NORTHERN CHILE                      (123)
      mb 5.7 (BRK).  Felt (IV) in the
      Arica-Pu.re area.  Felt (III) at
      Arequipa, Peru.
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 10S, 38C
      Centroid Location:
      Origin Time          16:59:20.5 0.2
      Lat 19.05S 0.03 Lon  69.57W 0.03
      Dep 126.0 1.4 Half-duration  3.4
      Moment Tensor; Scale 10**24 D-CM
        Mrr=-2.45 0.18  Mtt=-4.50 0.34
        Mff= 6.95 0.32  Mrt= 0.76 0.17
        Mrf=-7.96 0.18  Mtf= 1.10 0.28
       Principal Axes:
        T  Val= 11.51  Plg=30  Azm= 92
        N       -4.03       20      350
        P       -7.48       53      231
      Best Double Couple:Mo=9.5*10**24
       NP1:Strike=226 Dip=24 Slip= -32
       NP2:        346     78     -111

LPB     2.62  20 iPd    00 02.70    6.8X
                S       01 42.00
                LR      02 20.00
ARE     3.43 317 eP     00 05.00   -1.7
YJA     4.58 134 iPc    00 24.20    1.6
ANT     4.85 195 eP     00 18.80   -7.0X
                iS      01 05.00
SLA     6.59 151 iPd    00 48.50   -1.4
                S       02 03.00
FSA     7.59 159 iPc    01 00.50   -2.8
CYA     9.86 163 ePc    01 28.10   -6.1X
NNA    10.24 312 iPd    01 35.30   -4.0X
        1.0s     90.00nm          5.6mb X
                eS      03 30.00
RTLL   12.29 178 ePd    01 58.60   -7.7X

RTCB   12.44 179 eP     02 01.00   -7.2X
ZON    12.50 179 eP     02 07.00   -2.0
CFA    12.57 177 ePd    02 01.70   -8.3X
RTCV   12.81 178 ePd    02 05.80   -7.4X
TCA    12.93 163 e(P)   02 06.60   -8.1X
                S       04 19.80
PEL    14.16 186 iP-    02 26.70   -4.0X
FCH    14.31 184 eP     02 29.50   -3.4X
BACH   14.35 185 iP     02 28.20   -4.9X
                iS      05 18.50
SAN    14.47 185 eP     02 29.50   -5.0X
PCH    14.62 185 eP     02 28.50   -8.1X
TACH   14.69 186 eP     02 32.50   -4.9X
LNV    15.04 188 iPd    02 36.50   -5.3X
RFA    15.72 178 eP     02 42.70   -7.7X
BAA    18.15 151 P+     03 16.00   -4.2X
                S       06 52.00
LPA    18.67 150 iP+    03 21.60   -4.5X
BAO    20.38  84 iPc    03 43.90   -0.3
                i       03 44.20    1kmX
                i       03 46.50
                i       03 47.10
VAO    20.99 105 eP     03 47.40   -2.9
                i       03 48.80    5kmX
                i       04 05.10
                i       04 13.60
PSO    21.65 337 iP     03 59.00    1.8
BOG    23.99 348 eP     04 26.50    6.6X
RDJ    24.42 104 iP+    04 22.80   -0.8
BMG    26.21 351 eP     04 38.00   -2.4
UAV    27.51 356 eP     04 52.40    0.1
SDV    27.75 357 eP     04 54.10   -0.4
TOV    28.61 358 eP     05 01.80   -0.3
SOB1   28.95  74 eP     05 04.20   -0.9
                i       05 05.60    5kmX
                e       05 32.20
CAR    29.39   4 iP     05 08.20   -0.9
        0.5s     42.25nm          5.4mb
UPA    29.66 339 ePc    05 13.00    1.7
        1.7s    769.23nm          6.1mb
ITR    31.38  75 eP     05 25.90   -0.6
        0.6s      6.90nm          4.6mb
                i       05 27.70    6kmX
BIM    34.22  14 eP     05 49.02   -2.1
MVM    34.30  14 eP     05 50.10   -1.6
FDF    34.41  14 eP     05 50.65   -2.1
CRM    34.48  14 eP     05 51.78   -1.5
SJG    36.99   5 eP     06 12.00   -2.5
GCM    39.93 342 P      06 39.40    0.5
VHO    45.13 321 iPd    07 21.50    0.0
III    47.66 319 eP     07 43.00    1.6
TPM    47.88 320 iPd    07 45.00    2.0
IIP    48.07 321 ePc    07 48.00    3.3X
OXM    48.50 320 iPd    07 48.00    0.0
IIC    48.60 321 iPc    07 50.00    1.3
HBF    52.76 348 P      08 18.50   -1.1
PRM    54.29 346 P      08 30.00   -0.9
GFM    56.12 348 P      08 43.30   -1.0
RSCP   56.52 344 P      08 44.80   -2.2
        1.0s    145.00nm          5.9mb
BLA    56.93 349 iPd    08 50.10    0.3
        1.4s    244.19nm          6.0mb
                i       09 16.00 106km
JCT    57.41 328 iP     08 52.70   -0.6
                ipP     09 19.00 108km
BHO    58.49 335 iPd    09 00.40   -0.4
LTX    58.52 324 P      08 59.80   -1.3
RLO    60.12 336 iPd    09 10.90   -1.0
FVM    60.14 341 P      09 10.00   -2.0
TUL    60.20 335 iPd-   09 11.50   -0.9
        1.3s    339.70nm          6.3mb
     Z  19s      0.64um          4.8Msz
                i       09 38.70 111km
OCO    60.35 334 iPd    09 13.40   -1.5
RKT    61.20 254 iP     09 18.10   -1.5
        1.1s     90.00nm          5.7mb
UTO    61.83 348 iPc    09 22.80   -0.6
RSNY   63.43 356 P      09 33.60   -0.3
        1.2s    124.14nm          5.7mb
MNT    64.33 356 iP     09 39.40   -0.3
        1.1s    200.00nm          6.0mb
                pP      10 07.50 114km
ALQ    64.34 326 P      09 39.00   -1.3
        1.5s    123.87nm          5.6mb
                pP      10 06.00 109km
OTT    64.37 355 eP     09 40.00    0.1
                pP      10 10.00 123kmX

SNA    64.46 160 iPd    09 39.50   -0.8
        0.9s     63.87nm          5.6mb
GLD    67.49 330 P      10 00.00   -0.3
GLA    67.75 319 eP     10 02.00    0.1
STJ    67.87  12 eP     10 01.00   -1.2
KIC    68.16  75 iP     10 03.90   -0.8
                e       10 32.90 116km
                S       18 56.90
BAR    68.66 318 eP     10 08.00    0.6
                e       10 35.00 107km
TPC    69.21 320 eP     10 10.00   -0.9
                e       10 35.00  98kmX
PLM    69.22 318 eP     10 11.00   -0.1
SLBC   69.24 318 eP     10 12.00    1.0
LHC    69.50 346 eP     10 11.50   -0.7
        0.4s     40.00nm          5.6mb
RVR    69.96 319 eP     10 15.00   -0.4
SDW    70.18 319 P      10 16.50   -0.3
GSC    70.48 320 eP     10 19.00    0.4
                e       10 46.00 106km
MWC    70.54 318 eP     10 19.00   -0.1
                e       10 46.00 106km
PAS    70.56 318 eP     10 19.00    0.0
                e       10 46.00 106km
SBB    70.70 319 eP     10 20.00    0.1
                e       10 46.00 102km
SPA    71.12 180 eP     10 21.20   -0.9
        1.0s     74.50nm          5.5mb
                e       10 48.00 105km
                e       11 01.00
CLC    71.30 320 eP     10 23.00   -0.5
VPEM   71.52 320 P      10 25.30    0.4
ISA    71.74 319 eP     10 26.00   -0.1
                e       10 54.00 111km
BDW    71.90 330 P      10 26.00   -1.2
        1.2s     46.38nm          5.2mb
SYP    71.95 310 eP     10 28.00    0.5
                e       10 55.00 106km
CWC    72.00 320 eP     10 28.00    0.2
EUR    72.83 324 iP     10 32.90    0.2
        0.5s     23.94nm          5.3mb
RSON   72.86 344 P      10 31.10   -1.2
        1.3s    125.00nm          5.6mb
FRI    73.36 320 ePd    10 34.50   -1.0
                esP     11 14.00
MNA    73.37 322 iPd    10 36.20    0.5
                ePcP    10 50.20
                ipP     11 03.80 108km
                isP     11 16.70
PRI    73.41 319 ePd    10 36.40    0.5
                ePcP    10 50.70
LLA    73.88 319 ePd    10 38.80    0.2
                ePcP    10 53.00
                epP     11 06.10 107km
                esP     11 19.50
PRS    73.97 318 ePd    10 39.50    0.4
                epP     11 07.10 108km
                esP     11 20.20
JAS1   74.39 320 iPd    10 41.70    0.2
                epP     11 09.30 108km
                isP     11 31.00
RUV    74.39 259 iP     10 42.00    0.1
        1.2s    160.00nm          5.7mb
                ipP     11 08.30 102km
VAH    74.61 259 iP     10 43.30    0.1
        1.2s    190.00nm          5.8mb
                ipP     11 09.60 102km
TPT    74.67 259 iP     10 43.90    0.4
        1.2s    225.00nm          5.9mb
                ipP     11 10.10 101km
MHC    74.77 319 ePd    10 44.50    0.7
                epP     11 12.00 107km
                esP     11 25.00
GCC    74.80 319 ePd    10 44.10    0.3
                epP     11 10.80 104km
                esP     11 24.90
PMO    74.92 259 iP     10 45.30    0.4
        1.2s    160.00nm          5.7mb
                ipP     11 11.40 101km
PCC    75.33 319 eP     10 46.90    0.1
                esP     11 27.00
TVO    75.42 256 iP     10 48.00    0.1
        1.2s    125.00nm          5.6mb
BKS    75.47 319 eP     10 48.00    0.3
        1.7s    221.00nm          5.7mb
                epP     11 16.00 109km
                esP     11 27.70
```

			iS	20 24.00	
			esS	21 10.00	
			ePS	21 30.00	
			eSS	22 25.00	
BRK	75.49	319	eP	10 48.00	0.3
			ePcP	11 03.00	
			epP	11 15.80	108km
			esP	11 28.00	
LRM	75.56	330	ePd	10 48.70	0.4
PAE	75.76	256	iP	10 50.00	0.3
	1.2s		170.00nm		5.7mb
PPT	75.78	256	iP	10 50.50	0.7
	1.2s		110.00nm		5.5mb
AFR	75.97	256	iP	10 51.10	0.2
	1.2s		160.00nm		5.7mb
ORV	76.08	321	iPd	10 51.70	0.6
			iPcP	11 06.50	
			ipP	11 19.30	107km
			isP	11 32.30	
MIN	76.64	321	ePd	10 53.80	-0.6
			esP	11 34.30	
GAS	76.87	320	P	10 56.80	1.2
WDC	77.34	321	iPd	10 56.60	-1.4
			epP	11 24.50	108km
			esP	11 36.90	
SBA	78.25	190	iPd	11 02.50	0.0
	1.8s		250.00nm		5.7mb
FHC	78.34	321	ePd	11 04.50	0.9
			epP	11 32.00	107km
SES	78.38	334	eP	11 04.00	0.4
	1.5s		294.00nm		5.9mb
AVE	78.49	49	iPd	11 06.50	2.0
			i	11 36.50	118km
CLX	78.55	331	eP	11 05.30	0.5
			eS	11 33.40	
FFC	78.63	341	iPd	11 04.50	-0.3
	1.5s		97.00nm		5.4mb
LHD	78.79	330	iP-	11 06.70	0.8
			iS	11 33.70	
LDM	78.81	331	iPc	11 07.00	1.0
			iS	11 37.70	
SYO	78.85	160	iP	11 05.40	-0.5
YKM	79.29	331	iP-	11 09.30	0.6
			iS	11 37.00	
NEW	79.53	330	eP	11 09.00	-0.9
MTH	80.31	43	iPd	11 16.50	2.3
EDM	81.45	335	iPd	11 19.00	-0.9
			pP	11 47.50	110km
PNT	81.[illegible]	[illegible]9	eP	11 20.00	0.1
			pP	11 48.00	108km
PRL	81.73	44	iPd	11 22.50	0.8
PTO	81.93	42	P	11 24.00	1.5
MTE	82.20	43	iPd	11 25.20	1.1
FRB	82.48	0	eP	11 25.00	0.2
PGC	82.93	327	eP	11 29.00	1.5
CRT	83.16	47	eP	11 30.00	0.9
TOL	84.20	45	iPd	11 36.00	1.8
	1.2s		6.00nm		4.4mb X
			ipP	12 06.50	118km
			i	12 23.50	
			iPP	15 08.00	
			iS	21 55.00	
			isS	22 47.00	
			iSS	27 25.00	
			iSSS	31 25.00	
BLF	85.35	119	iPd	11 40.50	0.0
	1.0s		98.00nm		5.7mb
			i	12 09.50	111km
PHC	86.23	327	eP	11 44.00	0.0
VIR	86.25	118	e(P)	11 45.00	0.0
	1.0s		58.00nm		5.5mb
			i	12 14.00	111km
LGR	86.50	43	eP	11 47.00	1.4
			i(pP)	12 17.50	117km
			ePP	14 30.00	
			eS	22 18.00	
BFS	86.58	117	iPc	11 45.70	-0.9
	1.4s		372.09nm		6.2mb
			i	12 15.10	113km
KSR	87.02	116	iPd	11 48.90	0.2
	1.2s		190.00nm		6.0mb
			i	12 18.20	112km
EBR	87.70	45	eP	11 52.00	0.7
			e	12 23.00	119km
			e	22 11.00	
			e	22 22.80	
BPI	87.87	117	iPd	11 47.20	-5.7X

	1.0s		38.00nm		5.4mb
			i	12 15.50	107km
SLR	88.24	116	eP	11 56.00	1.5
	1.2s		101.56nm		5.7mb
Z	19s		1.39um		5.4Msz
			i	12 26.00	115km
EPF	88.62	43	eP	11 56.20	0.4
	1.0s		10.00nm		4.8mb
YKA	88.80	341	eP	11 56.20	0.1
MLS	89.07	44	iPc	11 59.20	1.4
BNG	89.16	85	iPc	11 59.00	0.1
	0.8s		29.00nm		5.4mb
			ic	12 28.00	110km
			ic	15 22.50	
ECB	89.18	33	eP	11 57.40	-0.7
	1.0s		45.00nm		5.5mb
ECP	89.29	33	eP	11 58.00	-0.6
	1.0s		35.00nm		5.4mb
ETA	89.65	33	eP	11 58.30	-2.0
	1.0s		20.00nm		5.2mb
LFF	89.75	42	eP	12 00.80	-0.1
	1.0s		48.10nm		5.6mb
DLE	89.80	32	eP	12 00.70	-0.3
	0.9s		50.00nm		5.6mb
LPO	89.92	42	eP	12 01.40	-0.4
	1.1s		31.20nm		5.3mb
MFF	89.98	40	eP	12 02.10	0.1
	1.2s		35.70nm		5.4mb
LPF	90.12	38	eP	12 02.20	-0.4
	1.0s		11.10nm		4.9mb
GRR	90.40	38	eP	12 03.20	-0.6
	1.0s		16.90nm		5.1mb
RJF	90.41	42	eP	12 03.80	-0.2
	0.9s		17.60nm		5.2mb
BUL	90.45	111	iPc	12 05.40	0.4
	1.0s		7.00nm		4.8mb
			ipP	12 34.40	110km
			i	12 46.00	
			iPP	15 37.20	
			iSKS	22 30.50	
			iS	22 53.70	
			iSP	23 44.40	
			iPKKP	29 33.00	
CAF	90.59	42	eP	12 04.50	-0.4
	1.1s		21.90nm		5.2mb
FLN	90.80	38	eP	12 05.40	-0.3
	1.2s		32.10nm		5.4mb
LSF	90.84	41	eP	12 05.70	-0.3
LDF	90.93	38	eP	12 05.70	-0.6
	1.1s		16.60nm		5.2mb
MZF	91.48	41	eP	12 08.80	-0.1
	1.2s		19.20nm		5.2mb
LSZ	91.74	107	P	12 13.10	2.2
			i	12 46.10	127kmX
			i	15 50.00	
			i	22 40.00	
BGF	91.80	41	eP	12 10.20	-0.2
	1.2s		34.30nm		5.5mb
DRV	91.87	191	eP	12 09.50	-1.0
AVF	92.21	41	eP	12 12.10	-0.1
	1.4s		24.50nm		5.3mb
GRC	92.26	40	ePd	12 12.40	0.0
			e	12 42.00	112km
			e	15 52.70	
SSF	92.42	41	eP	12 12.60	-0.6
	1.2s		14.80nm		5.2mb
SMF	92.45	41	eP	12 13.30	-0.1
	1.2s		29.70nm		5.5mb
CDR	92.46	45	ePc	12 13.50	0.0
			ipP	12 44.50	118km
			ePP	15 53.80	
KRI	92.49	109	iPd	12 15.00	0.6
			ipP	12 44.00	110km
			iPP	16 01.00	
			ePKKP	29 28.00	
EKA	92.57	31	Pd	12 13.80	0.2
	1.3s		27.00nm		5.4mb
LBF	92.68	41	eP	12 13.80	-0.7
	1.2s		12.10nm		5.1mb
LOR	92.73	41	eP	12 14.10	-0.5
	1.2s		16.00nm		5.2mb
LRG	92.77	45	eP	12 15.10	0.3
	1.1s		17.20nm		5.3mb
FRF	93.00	45	eP	12 16.30	0.4
	1.1s		10.10nm		5.0mb
EMS	94.17	43	eP	12 22.10	0.6
MTD	94.27	109	iPd	12 23.00	0.5

			ipP	12 52.00	109km
			iPP	16 18.00	
			iPKKP	29 23.00	
DOU	94.36	38	P	12 22.70	0.7
			e	12 52.30	112km
			SKS	22 52.00	
DIX	94.48	43	eP	12 24.10	1.0
UCC	94.51	38	P	12 22.90	0.2
			e	12 54.00	119km
HAU	94.57	41	eP	12 22.80	-0.3
BSF	94.77	41	eP	12 23.70	-0.5
MMK	94.83	43	eP	12 26.00	1.4
WLF	95.11	39	Pd	12 26.40	1.0
			e	12 56.20	113km
CDF	95.30	41	eP	12 26.20	-0.3
	1.0s		8.00nm		5.1mb
MEM	95.39	38	P	12 26.70	0.0
			e	12 57.30	116km
			e	16 10.20	
ENN	95.41	38	eP	12 27.00	0.2
	1.0s		9.00nm		5.2mb
			e	12 57.50	116km
GWF	95.73	40	iPKPd	12 28.00	-0.4
MNG	95.73	224	eP	12 28.00	-0.8
SLE	95.81	41	eP	12 29.40	0.6
TET	96.28	109	eP	12 33.00	1.4
			epP	13 00.00	101km
			iPP	16 24.00	
SAL	96.33	44	eP	12 32.00	0.9
WTS	96.40	37	eP	12 31.50	0.2
			e	13 02.00	116km
OSS	96.47	43	eP	12 32.20	0.2
MNS	96.69	48	eP	12 34.00	1.2
AQU	97.19	48	eP	12 48.00	12.8X
CTI	97.22	44	eP	12 35.50	0.2
GRF	98.18	40	eP	12 40.30	0.9
Z	20s		0.50um		5.0Msz
			e	12 42.00	5kmX
INK	98.54	340	eP	12 40.60	0.0
KBA	98.67	43	eP	12 44.00	2.1
	0.7s		6.50nm		5.3mb
			i	12 51.10	22kmX
			i	12 52.20	
			i	13 22.00	
			i	16 42.20	
VOY	98.70	44	eP	12 52.00	10.1X
			e	13 13.00	76kmX
			e	16 36.00	
MOX	98.74	39	eP	12 42.00	0.1
Z	24s		0.80um		5.1MszX
E	26s		0.80um		
			e	3 13.00	118km
			ePP	16 40.00	
			eSKS	23 16.00	
LJU	99.12	45	e(P)	12 52.00	8.2X
			e	16 20.50	
MUD	99.32	33	eP	12 46.00	1.6
BRT	99.45	50	e(P)	12 45.00	-0.3
KHC	99.46	41	P	12 43.50	-1.8
			i	12 45.90	8kmX
			e	13 16.20	
			e	16 48.40	
CLL	99.78	39	eP	12 47.00	0.4
			ipP	13 13.40	98kmX
DAG	100.12	10	ePdiff	12 47.00	-0.7
BRG	100.21	40	ePdiff	12 49.00	0.3
	1.6s		20.00nm		5.5mb
			epP	13 20.00	
			eSKS	23 20.00	
			eS	24 12.00	
PRU	100.31	41	Pdiff	12 49.00	-0.2
Z	20s		0.70um		5.2Msz
			e	12 59.00	
			e	13 19.50	
			SKS	23 21.00	
COL	102.35	335	ePdiff	12 57.00	-0.9
IR2	124.93	59	ePKP	18 03.00	0.0
SHI	126.20	67	ePKP	18 03.00	-2.8
RKG	126.91	186	ePKP	18 05.00	-1.7
			e	18 34.00	
CTA	127.97	224	iPKPc	18 08.90	-0.2
	1.2s		46.88nm		
NWAO	128.02	187	ePKP	18 09.00	0.1
			e	18 37.00	
MUN	129.06	186	ePKP	18 10.00	-0.9
			e	18 39.00	
KLB	129.27	188	ePKP	18 10.00	-1.3

18d 17h

		e	18 40.00			
MHI	131.84	58 ePKP	18 16.00	-0.2		
		e	18 47.00			
ASPA	132.04	209 ePKP	18 16.00	-0.8		
WBN	132.63	199 ePKP	18 17.00	-0.9		
PMG	134.49	235 e(PKP)	18 16.50	-5.1X		
WB2	135.00	212 ePKP	18 05.20	-17.3X		
		i	18 21.80			
		i	18 50.70			
		e	21 41.00			
		e	22 32.00			
WRA	135.01	21. PKPd	18 10.10	-12.4X		
	0.7s	2.80nm				
QUE	138.70	66 ePKP	18 30.00	0.6		
YZZ	141.65	234 ePKP	18 25.00	-10.0X		
MTA	142.62	214 ePKP	18 31.00	-5.5X		
	0.6s	84.00nm				
KSH	143.62	48 ePKP	18 36.00	-1.7		
		pPKP	19 07.00			
		PP	21 50.00			
		PKS	22 10.00			
JAY	143.76	237 ePKPd	18 36.00	-2.6		
BOM	143.98	84 ePKP	18 38.00	-0.7		
		eS	28 38.00			
POO	144.91	85 iPKPd	18 39.00	-1.4		
	1.5s	291.67nm				
GBA	147.43	94 PKPd	18 45.10	0.6		
	1.5s	296.00nm				
NDI	147.77	66 iPKPd	18 45.30	0.5		
	0.5s	105.63nm				
		PP	22 15.50			
WMQ	148.49	33 PKP	18 46.50	0.9		
		e	19 01.50			
TSK	149.16	310 ePKP	18 46.10	-0.6		
HYB	149.21	88 ePKPd	18 47.50	0.1		
	1.0s	100.00nm				
KYS	149.56	308 ePKP	18 51.20	3.9X		
DDR	149.91	310 ePKP	18 50.80	2.8		
MDJ	150.09	333 ePKP	18 47.00	-0.8		
OYM	150.13	309 ePKP	18 48.80	0.5		
MAT	150.37	312 ePKP	18 49.00	0.4		
	Z 20s	0.53um		5.3Msz		
AAI	151.78	219 ePKPd	18 55.90	4.6X		
CN2	152.43	337 PKPc	18 51.00	-0.3		
		e	19 05.00			
		pPKP	19 20.00			
		e	19 34.00			
		PP	22 34.50			
		sPKP	23 13.00			
		SKKS	29 12.00			
TRT	153.41	164 iPKPc	19 01.80	8.3X		
DMN	154.81	65 PKP	18 56.10	0.7		
	1.2s	38.00nm				
SNY	154.83	337 ePKP	18 54.70	0.1		
		e	19 20.00			
		sPKP	19 35.00			
		ePP	22 54.00			
		eSS	42 22.50			
KKN	154.91	65 PKP	18 50.00	-5.5X		
	1.2s	48.00nm				
PKI	155.08	65 PKP	18 56.00	0.1		
	1.2s	30.00nm				
SHK	155.27	313 ePKP	18 56.20	0.7		
GTA	157.50	23 iPKPd	18 59.80	1.3		
		pPKP	19 28.90			
HHC	158.22	359 PKPd	19 01.40	2.2		
BTO	158.46	2 ePKP	19 00.00	0.5		
BJI	158.55	3.9 ePKP	19 00.00	0.6		
LSA	159.09	56 PKP	19 01.20	0.2		
SHL	161.20	66 iPKP	19 03.50	0.6		
TIY	161.31	356 ePKP	19 03.70	1.2		
		sPKP	19 42.00			
DAV	161.49	232 ePKP	19 03.00	-0.2		
LZH	161.86	19 PKPd	19 05.00	1.8		
	1.5s	73.00nm				
TIA	162.01	344 PKP	19 04.40	1.2		
		pPKP	19 34.60			
		e	19 50.40			
		e	20 19.00			
		PP	23 32.30			
SSE	164.81	324 ePKP	19 07.50	1.5		
XAN	164.91	6 PKPd	19 07.10	1.0		
		ipPKP	19 37.40			
		sPKP	19 45.00			
		PP	24 20.00			
		SS	45 05.00			
NJ2	165.18	333 ePKP	19 07.00	0.7		

		ePP	23 50.00			
CD2	166.47	27 PKP	19 09.10	1.7		
KHT	167.46	108 ePKP	19 09.00	0.5		
WHN	168.10	346 PKP	19 09.50	1.0		
		pPKP	19 39.00			
		sPKP	19 50.00			
		e	20 17.00			
		e	20 46.00			
		PP	24 03.50			
		pPP	24 32.50			
BDT	168.51	97 ePKP	19 10.00	0.9		
	1.1s	50.10nm				
CHG	168.64	89 iPKPd	19 09.80	0.6		
	1.0s	13.00nm				
NST	169.16	106 ePKP	19 10.00	0.5		
QCP	169.38	247 ePKP	18 50.00	-19.7X		
KMI	170.25	50 PKPd	19 10.50	0.2		
	1.0s	0.60nm				
		pPKP	19 41.00			
		sPKP	19 50.00			
		PP	24 17.50			
		pPP	24 51.00			
		SKKS	30 55.00			
BAG	170.47	256 ePKP	19 10.00	-0.5		
		e	24 12.00			
GYA	171.59	27 PKP	19 11.80	1.1		
QIZ	178.96	88 ePKP	19 14.00	1.4		
		PP	25 00.00			
		SKKS	31 39.00			
		SS	46 33.00			

S.D. = 1.0 on 243 of 278 obs.

• MAY 18, 1985 17h 17m 55.01± 0.75s
13.027 N ± 6.2km 144.079 E ±15.3km
DEPTH = 123.0 ± 7.1 km
4.8mb (5 obs.)
MARIANA ISLANDS (216)

GUMO	0.95	54 iP	18 17.20	0.1		
		eS	18 31.50			
PJG	0.95	54 iP	18 17.10	0.0		
GUA	0.96	58 iPd	18 17.20	0.0		
MOM	15.33	167 e(P)	21 25.00	-1.0		
MAT	24.00	348 (P)	22 59.00	-0.5		
CTA	32.98	176 iPc	24 20.90	0.7		
	0.7s	10.27nm		4.7mb		
WB2	34.13	196 eP	24 29.90	-0.3		
WRA	34.14	196 Pc	24 30.20	0.0		
	0.7s	6.90nm		4.6mb		
YOU	47.22	175 eP	26 17.30	0.0		
CAN	48.31	175 eP	26 26.20	0.5		
WAM	49.16	175 eP	26 33.00	0.8		
QUE	72.54	298 eP	29 11.50	0.5		
MHI	78.09	305 eP	29 43.00	0.8		
YKA	83.71	27 eP	30 11.40	0.4		
YKC	83.77	27 eP	30 11.00	-0.3		
PNT	84.30	41 eP	30 14.00	-0.3		
	0.8s	8.00nm		4.7mb		
NEW	86.16	41 eP	30 24.50	0.9		
	0.9s	17.60nm		5.0mb		
EUR	89.34	50 iP	30 39.20	-0.1		
	0.2s	7.82nm		5.4mb		
KIC	143.52	300 ePKP	37 15.50	-2.2		

S.D. = 0.8 on 19 of 19 obs.

& MAY 18, 1985 18h 03m 58.28s
59.530 N 153.732 W
DEPTH = 125.6km
SOUTHERN ALASKA (2)
<AGS-P>.

AUL	0.21	134 iP	04 15.15	0.9		
OPT	0.28	64 iPd	04 15.60	1.1		
CDD	0.60	176 iPd	04 16.30	-1.5		
ILM	0.80	35 iP	04 18.63	-0.7		
		iS	04 34.79			
RED	1.01	28 iPc	04 20.60	-0.7		
RDT	1.24	32 iP	04 23.06	-0.6		
		eS	04 42.53			
CNPM	1.27	89 eP	04 23.40	-0.5		
BRLK	1.46	80 eP	04 25.09	-1.0		
NKA	1.74	45 eP	04 30.13	0.9		
SVW	1.84	330 iP	04 29.06	-1.5		
SPU	1.86	26 iP	04 29 91	-0 8		
KDC	1.90	160 iP	04 28 38	-2.8		
CRP	1.91	24 iP	04 30.98	-0.5		
SLKM	2 02	59 eP	04 31 58	-1 1		

SEW	2.24	73 eP	04 33.99	-1.4		
MPA	2.40	64 iP	04 36.63	-0.8		
		iS	05 05.28			
SUA	2.44	36 eP	04 37.51	-0.7		
		eS	05 08.26			
SKT	2.69	23 iP	04 40.48	-0.8		
PMS	2.69	48 eP	04 40.37	-1.0		
PTE	2.71	58 eP	04 40.17	-1.3		
PWA	2.85	40 eP	04 42.99	-0.4		
PLRM	3.07	46 eP	04 44.33	-2.0		
PME	3.13	46 eP	04 44.92	-2.2		
KNK	3.22	52 iP	04 46.20	-2.2		
		iS	05 24.01			
GHO	3.27	44 eP	04 46.64	-2.4		
MSE	3.29	43 eP	04 46.96	-2.5		
CFI	3.40	58 eP	04 48.63	-2.0		
SML	3.50	47 iP	04 49.70	-2.4		
GLI	3.58	65 eP	04 51.54	-1.6		
TTA	3.59	343 eP	04 50.88	-2.4		
TTV	3.63	62 eP	04 52.68	-1.1		
FID	3.83	68 iP	04 53.63	-2.8		
VZW	3.89	64 eP	04 54.81	-2.5		
SCM	3.91	51 eP	04 55.07	-2.5		
VLZ	4.01	63 eP	04 57.16	-1.7		
KLU	4.33	60 iP	05 01.01	-2.3		
SGAM	4.39	74 eP	05 02.27	-1.7		
TOA	4.51	52 iP	05 04.14	-1.6		
KMP	4.74	61 eP	05 06.41	-2.4		
BALM	5.86	70 eP	05 22.25	-2.0		
COL	6.06	25 eP	05 23.00	-3.8		
YAH	6.08	77 iP	05 25.91	-1.4		
INK	12.44	37 eP	06 51.00	-0.7		

43 obs associated

• MAY 18, 1985 18h 39m 23.75± 2.34s
39.009 N ± 9.4km 29.982 E ±22.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	1.21	300 ePn	39 45.30	-1.0		
YLV	1.62	343 iPn	39 52.90	0.3		
KCT	1.76	315 iPn	39 55.90	1.4		
EDC	2.11	310 ePn	39 57.70	-1.9		
ISK	2.17	341 ePn	40 06.00	5.6X		
IZM	2.21	255 iPn	40 02.00	0.9		
YER	2.30	216 ePn	40 01.80	-0.6		
CTT	2.45	331 ePn	40 04.00	-0.3		
KGT	2.52	306 ePn	40 06.00	0.6		
MFT	2.73	311 ePn	40 13.00	4.5X		
EZN	2.95	287 ePn	40 12.00	0.6		
DMK	3.28	330 ePn	40 12.00	-4.2X		

S.D. = 1.2 on 9 of 12 obs.

• MAY 18, 1985 19h 30m 35.33± 2.02s
43.551 N ±30.2km 5.227 E ±11.0km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.7 (LDG).

COR	0.41	72 ePg	30 43.10	-0.6		
		i	30 49.40			
		i	30 49.70			
		i	30 52.50			
LRG	0.83	96 Pg	30 52.20	0.8		
		Sg	31 06.10			
FRF	1.03	89 Pg	30 54.50	-0.3		
		Sg	31 11.40			
CAF	2.66	302 Pg	31 18.00	-1.0		
		Sg	31 47.30			
MZF	3.26	326 Pg	31 28.60	1.1		
		Sg	32 06.90			

S.D. = 1.3 on 5 of 5 obs.

& MAY 18, 1985 22h 06m 56.17s
58.507 N 154.592 W
DEPTH = 9.8km
4.3mb (1 obs.)
ALASKA PENINSULA (12)
<AGS-P>. ML 4.0 (PMR).

CDD	0.65	49 iPd	07 07.20	-2.0		
AUH	1.05	34 eP	07 14.58	-1.4		
		eS	07 28.98			
AUL	1.06	34 eP	07 14.70	-1.5		
		iS	07 29.37			
OPT	1.35	31 eP	07 19.70	-1.3		
KDC	1.35	123 eP	07 18.10	-2.9		

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HOM      1.91   52 ePc   07 28.30   -0.8
ILM      1.91   28 iP    07 27.67   -1.4
CNPM     2.01   58 eP    07 29.90   -0.7
RED      2.13   25 eP    07 31.00   -1.4
BRLK     2.29   55 iP    07 33.98   -0.6
                   eS    08 03.08
RDT      2.35   27 iP    07 34.00   -1.6
                   eS    08 05.61
SVW      2.66  349 eP    07 38.15   -1.8
NKA      2.82   36 eP    07 42.68    0.6
SPU      2.97   24 eP    07 42.81   -1.5
                   eS    08 20.44
SLKM     3.00   46 eP    07 43.72   -0.9
CRP      3.03   23 eP    07 43.61   -1.6
SEW      3.09   57 eP    07 45.95    0.2
MPA      3.33   51 iP    07 50.14    0.9
SUA      3.54   31 eP    07 51.25   -1.2
PTE      3.68   48 eP    07 53.05   -1.3
PMS      3.74   41 eP    07 54.59   -0.6
SKT      3.80   22 eP    07 54.82   -1.3
PWA      3.94   35 eP    07 58.09    0.1
PLRM     4.13   39 eP    07 59.55   -1.1
PMR      4.13   39 eP    08 00.00   -0.6
PME      4.19   39 eP    08 00.50   -1.0
KNK      4.24   44 eP    08 00.52   -1.8
GHO      4.33   38 eP    08 01.90   -1.7
CFI      4.36   49 eP    08 02.77   -1.2
MSE      4.36   38 eP    08 03.52   -0.6
GLI      4.48   55 eP    08 09.65    4.0
TTA      4.49  352 eP    08 04.40   -1.5
SDN      4.53  228 eP    08 04.40   -1.9
SML      4.55   41 eP    08 05.26   -1.5
FID      4.69   58 eP    08 05.71   -3.0
VZW      4.80   54 eP    08 08.04   -2.2
SCM      4.93   44 eP    08 10.43   -1.6
VLZ      4.93   54 eP    08 10.67   -1.3
SGAM     5.18   63 eP    08 12.97   -2.6
KLU      5.28   52 eP    08 14.33   -2.8
TOA      5.52   46 eP    08 18.10   -2.4
KMP      5.66   54 eP    08 19.69   -2.8
BALM     6.68   63 eP    08 33.32   -3.6
YAH      6.81   69 iP    08 36.33   -2.5
AGAM     7.13   71 iP    08 40.83   -2.3
COL      7.18   24 eP    08 41.00   -2.7
       0.7s    25.68nm          5.5mb X
IMA      7.60    3 eP    08 48.60   -1.1
INK     13.53   35 ePc   10 07.60   -2.7
                   pP    10 19.00
YKA     19 .0   .1 eP    11 26.80   -3.0
YKC     19.91   62 eP    11 27.00   -3.4
       0.7s    12.00nm          4.3mb
MBC     21.72   22 eP    11 45.00   -3.8
FRB     38.88   45 eP    14 20.00   -2.8
SPA    148.33  180 e(PKP)26 42.90    3.8
       53 obs. associated

*  MAY  18, 1985  22h 08m 36.14± 0.61s
   13.937 N ±10.9km   91.642 W ± 8.4km
   DEPTH =  33.0km  (normal)
   4.6mb ( 17 obs.)  3.6Msz (  1 obs.)
 NEAR COAST OF GUATEMALA              ( 71)

COM      2.35  349 iP    09 27.50   14.1X
                   iS    10 00.00
VHO      5.90  304 iP    10 02.00   -1.8
                   iS    11 03.00
TPM      8.71  306 iP    10 43.50    0.5
IIP      8.80  309 iP    10 51.00    6.5X
IIC      9.31  310 eP    10 49.50   -2.0
OXM      9.37  306 iP    10 52.50    0.1
JCT     18.10  337 eP    12 49.00    2.2
       1.0s    10.00nm          3.9mb
LTX     18.94  326 P     12 56.50   -0.7
       1.0s    28.00nm          4.4mb
BHO     20.56  352 eP    13 14.50   -0.2
PRM     21.75   21 P     13 28.20    1.4
TUL     22.20  351 eP    13 31.00   -0.2
       0.8s    39.60nm          4.9mb
     Z  20s     0.26um          3.6Msz
RSCP    22.25   13 P     13 33.50    1.7
RLO     22.34  353 ePd   13 32.70    0.0
ALQ     24.82  330 eP    13 57.30    0.3
       0.9s    21.01nm          4.7mb
GOL     28.36  337 P     14 30.00    0.3
       1.0s     4.00nm          4.1mb
GLA     28.42  316 P     14 30.50    0.5
PRN     31.32  323 P     14 57.30    1.5
YMT3    31.74  320 P     15 01.00    1.5
RSSD    31.89  343 P     15 00.30   -0.6
       0.8s     7.04nm          4.6mb
BDW     32.63  335 P     15 07.10   -0.3
       0.9s     1.88nm          4.0mb
MNA     33.85  321 iPc   15 19.20    1.3
JAS1    34.97  318 ePc   15 27.50    0.1
WCN     35.37  321 P     15 31.00    0.0
ORV     36.60  320 eP    15 42.10    1.0
LPB     38.18  142 eP    15 56.00    0.9
FHC     38.87  320 ePc   16 01.50    1.2
NEW     40.20  334 eP    16 10.00   -1.2
PNT     42.09  333 iPc   16 27.60    1.0
       0.7s    27.00nm          5.1mb
SCH     45.16   20 eP    16 50.00   -1.5
YKC     51.12  347 eP    17 36.50   -1.1
       0.5s     8.00nm          4.9mb
YKA     51.17  347 eP    17 37.20   -0.7
SOB1    55.35  112 eP    18 08.50   -1.2
ITR     57.42  110 eP    18 25.20    0.8
       1.0s     3.90nm          4.4mb
INK     60.58  343 ePd   18 45.00   -0.5
COL     63.44  337 eP    19 04.00   -0.7
       0.8s    13.81nm          5.1mb
MBC     64.02  353 eP    19 07.00   -1.3
       0.6s     9.00nm          5.0mb
DAG     72.62   13 iPc   20 00.20   -1.6
       0.5s     9.86nm          5.1mb
EKA     77.81   36 Pd    20 30.60   -1.1
       0.7s     6.00nm          4.7mb
NB2     84.03   28 P     21 05.00    0.5
       0.8s     1.50nm          4.2mb
HFS     85.49   29 eP    21 11.50   -0.3
       0.7s     2.50nm          4.5mb
SUF     89.78   24 iP    21 31.50   -0.9
       0.7s     2.00nm          4.5mb
CHG    145.83  342 iPKPc  28 08.80   -5.2X
       1.0s    15.50nm
LOE    146.18  337 ePKP   28 14.00   -0.5
BDT    147.28  341 ePKPd  28 20.00    3.7X
       1.0s    47.60nm
HYB    147.38   18 ePKP   28 18.00    1.5
       0.8s    26.90nm
NST    148.36  338 ePKP   28 11.30   -6.7X
GBA    150.58   22 PKPd   28 27.80    6.4X
       0.7s    25.70nm
NNT    151.34  336 ePKP   28 29.20    6.6X
     S.D. =  1.1  on  41 of  48 obs.

?  MAY  19, 1985  00h 00m 17.31± 5.08s
   15.422 N ±19.1km   60.675 W ±61.9km
   DEPTH =  33.0km  (normal)
 LEEWARD ISLANDS                      ( 92)

CRM      0.70  199 iPc   00 30.72   -0.1
                   S     00 40.20
MGG      0.79  309 eP    00 32.00    0.0
                   S     00 41.60
FDF      0.82  214 iPc   00 32.53    0.0
                   S     00 43.20
MVM      0.89  194 iPc   00 33.47    0.0
BIM      0.98  203 iPc   00 34.80    0.0
                   S     00 47.50
     S.D. =  0.1  on   5 of   5 obs.

?  MAY  19, 1985  00h 13m 13.28± 2.80s
   23.726 N ±16.8km   121.779 E ±37.7km
   DEPTH =  33.0km  (normal)
 TAIWAN                               (244)

TWD      0.39  335 iPc   13 22.50    0.3
                   eS    13 30.50
TWF1     0.58  230 iPc   13 25.00    0.0
TWC      0.88    4 iPc   13 29.50    0.2
TATO     1.27  348 eP    13 34.50   -0.3
                   eS    13 51.00
TWZ      1.38  352 iPd   13 36.20   -0.2
                   eS    13 55.50
ANP      1.47  351 eP    13 42.00    4.2X
     S.D. =  0.4  on   5 of   6 obs.

*  MAY  19, 1985  00h 28m 24.45± 0.76s
   22.036 S ± 9.9km   179.612 W ± 9.1km
   DEPTH = 589.9 ±  9.1 km
   4.8mb (  8 obs )
 SOUTH OF FIJI ISLANDS                (171)

VUN      4.40  335 iPc   29 52.00   -0.5
                   eS    31 07.00
SGE      5.00  332 iPc   29 58.20    0.9
                   S     31 17.90
KOU     15.08  273 iPc   31 37.00    3.6X
TCW     19.80  194 eP    32 17.00   -1.1
COO     26.87  246 iPd   33 22.30    1.0
CTA     31.88  267 iPd   34 04.90    0.7
       1.0s    55.00nm          5.1mb
CMS     32.15  246 iPd   34 07.20    0.8
PMG     34.27  286 iPd   34 23.00   -1.3
       0.7s    68.49nm          5.4mb
STK     35.78  246 iPd   34 37.50    1.0
ASPA    42.72  259 iPd   35 32.20   -0.4
WB2     42.91  264 iPd   35 33.30   -0.8
WRA     42.92  264 Pd    35 33.10   -1.1
       0.6s    17.00nm          4.8mb
MTN     47.70  273 eP    36 10.00   -0.8
SBA     56.25  183 eP    37 11.90    0.5
NAU     59.59  256 iPd   37 34.30   -0.3
       0.4s    28.00nm          4.9mb
SPA     68.10  180 iPc   38 27.90    0.0
       0.8s     7.92nm          4.3mb
JAS1    81.52   43 eP    39 42.00   -0.2
WDC     81.81   40 eP    39 43.80    0.2
ORV     81.82   42 eP    39 43.70    0.0
MNA     83.26   44 eP    39 51.20    0.1
PNT     88.76   35 eP    40 17.00    0.1
       0.9s    14.00nm          4.9mb
CHTO    89.36  290 iP    40 22.20    1.9
       0.9s     6.82nm          4.6mb
ALQ     89.53   52 eP    40 20.80   -0.2
       1.0s     7.50nm          4.6mb
KJF    134.12  344 ePKP   46 29.00   -7.4X
SUF    135.73  343 iPKP   46 39.10   -0.4
       0.4s     1.20nm
NUR    137.96  342 ePKP   46 38.00   -5.7X
                   e     49 23.00
NB2    140.30  352 PKP    46 40.00   -8.0X
       0.5s     0.80nm
HFS    140.79  349 ePKP   46 41.90   -7.0X
       0.4s     3.20nm
CLL    149.17  344 iPKPc  47 07.80    4.9X
       0.8s    15.00nm
BRG    149.32  343 iPKPc  47 08.40    5.2X
       0.7s    15.00nm
PRU    149.95  342 PKP    47 09.80    5.6X
MOX    150.12  346 ePKP   47 10.00    5.6X
KHC    151.00  342 iPKPc  47 12.50    6.7X
     S.D. =  0.9  on  23 of  33 obs

   MAY  19, 1985  00h 55m 11.05± 0.3?s
   29.738 N ± 6.8km   51.127 E ± 3.5km
   DEPTH =  33.0km  (normal)
   4.7mb ( 33 obs.)
 SOUTHERN IRAN                        (353)

SHI      1.22   94 iP    55 30.00   -2.0
IR5      5.48  355 eP    56 40.00    7.4X
KER      5.73  324 eP    56 38.00    1.9
TEH      5.99    2 eP    56 49.00    9.2X
BHD      6.75  303 eP    57 23.00   32.7X
                   i     57 34.00
                   i     59 18.00
                   e     59 40.00
TAB      9.21  336 eP    57 39.00   14.2X
MSL      9.42  317 iPc   57 25.50   -2.0
MHI      9.60   45 eP    57 31.00    0.9
                   eS    59 24.00
RTB      9.84  293 eP    57 31.00   -2.2
                   iS    59 13.00
                   i     59 30.00
                   i     59 50.50
                   i     00 42.50
HRI     13.59  289 eP    58 25.00    1.0
QUE     13.73   84 eP    58 29.00    3.2X
                   eS    01 06.00
BHL     13.80  291 P     58 27.00    0.4
                   S     02 47.00
JER     13.85  282 eP    58 35.00    7.7X
RMN     14.30  277 eP    58 33.00   -0.3
ELL     19.05  297 iP    59 34.60    1.3
YER     20.41  297 iP    59 47.40   -0.6
YLV     20.76  307 iPd   59 51.60    0.0
DST     20.91  304 iP    59 53.20    0.1
KCT     21.34  306 eP    00 00.00    2.5X
IZM     21.53  300 iP    59 59.00   -0.4
```

19d 01h

KGT	22.17	305	ePn	00	05.60	0.0	
NDI	22.78	86	iPd	00	13.70	1.8	
PSN	22.97	314	eP	00	18.00	4.6X	
POO	23.50	113	eP	00	20.00	1.1	
KDZ	23.98	307	iP	00	24.00	0.7	
PVL	24.68	310	eP	00	31.00	0.9	
VRI	24.98	317	eP	00	34.00	1.0	
MLR	25.26	315	ePd	00	38.00	2.2X	
CVO	25.28	316	eP	00	38.00	2.1X	
VTS	25.81	307	iP	00	42.00	1.2	
VAY	25.84	304	eP	00	42.00	0.9	
SKO	26.84	305	eP	00	50.80	0.5	
OHR	27.06	303	eP	00	52.80	0.4	
HY8	27.89	110	eP	01	01.00	0.9	
GBA	29.14	118	Pd	01	09.60	-1.7	
	0.6s		2.50nm			4.1mb	
DMN	29.83	86	iPc	01	17.20	-0.6	
	0.7s		30.00nm			5.2mb	
KKN	29.94	15	iPc	01	18.30	-0.4	
JOS	29.94	317	eP	01	19.20	1.0	
	0.9s		16.00nm			4.8mb	
PKI	30.10	86	iPc	01	19.60	-0.6	
	0.4s		64.00nm			5.8mb	X
KRA	31.03	320	iPd	01	28.00	0.2	
	0.5s		25.00nm			5.3mb	
ZST	31.89	315	eP	01	35.00	-0.3	
LJU	32.81	310	e(P)	01	44.50	1.1	
VOY	33.23	310	ePc	01	47.00	-0.2	
KSP	33.46	319	eP	01	48.56	-0.5	
KBA	33.89	311	iPc	01	52.50	-0.5	
	0.8s		12.40nm			4.9mb	
			i(pP)	02	29.40	174km	X
PRU	34.13	317	eP	01	54.50	-0.3	
KHC	34.41	315	iPd	01	57.90	0.6	
			e	02	03.30		
CTI	34.74	309	eP	02	01.00	0.7	
BRG	34.83	318	iP	02	01.00	0.2	
	0.9s		12.00nm			4.8mb	
NUR	35.50	338	iP	02	05.30	-1.1	
CLL	35.55	318	iP	02	06.90	0.0	
	1.1s		18.00nm			4.9mb	
FUR	35.55	312	iPc	02	06.60	-0.4	
	0.7s		36.00nm			5.4mb	
OSS	35.91	310	ePd	02	10.80	0.5	
GRF	36.04	315	iPc	02	11.20	0.0	
	0.7s		16.00nm			5.1mb	
MOX	36.12	317	eP	02	12.00	0.2	
SAX	36.57	310	ePd	02	15.80	-0.2	
LLS	36.72	310	eP+	02	16.50	-0.6	
SUF	36.75	341	iP	02	16.00	-0.8	
	0.4s		1.60nm			4.3mb	
SLE	37.25	311	ePd	02	20.90	-0.5	
ZUL	37.26	311	eP+	02	21.70	0.3	
KJF	37.53	343	eP	02	22.00	-1.4	
UPP	37.62	333	iP	02	23.70	-0.5	
DIX	37.64	298	ePd	02	24.70	-0.2	
EMS	37.96	308	eP+	02	27.30	-0.3	
BSF	38.39	311	eP	02	30.30	-0.7	
	0.7s		8.90nm			4.7mb	
HAU	38.72	311	eP	02	32.70	-0.9	
HFS	39.38	331	iP	02	38.40	-0.6	
	0.4s		7.80nm			4.8mb	
WTS	39.41	317	ePc	02	40.50	1.2	
	0.9s		35.00nm			5.1mb	
			epP	02	59.50	78km	X
BNG	39.77	237	iPd	02	42.90	0.2	
	0.4s		2.00nm			4.2mb	
			id	07	21.50		
			id	08	14.20		
LBF	40.12	309	eP	02	44.40	-0.9	
	0.6s		2.00nm			4.1mb	
SMF	40.17	308	eP	02	45.20	-0.5	
	0.7s		20.20nm			5.0mb	
LOR	40.24	309	eP	02	45.50	-0.8	
	0.7s		3.70nm			4.2mb	
DOU	40.28	314	P	02	46.90	0.4	
SOD	40.42	346	iP	02	47.90	0.5	
SSF	40.45	309	eP	02	47.40	-0.6	
	0.7s		7.70nm			4.6mb	
AVF	40.52	308	eP	02	48.00	-0.5	
GRC	40.78	309	iPc	02	50.40	-0.2	
BGF	40.84	308	eP	02	50.80	-0.3	
	0.7s		2.50nm			4.1mb	
MZF	40.96	307	eP	02	52.20	-0.1	
CAF	41.22	305	eP	02	54.30	-0.1	
	1.1s		3.40nm			4.0mb	
RJF	41.64	306	eP	02	58.20	0.5	
	0.7s		4.40nm			4.3mb	
LPO	41.83	305	eP	02	59.50	0.2	
LFF	42.16	305	eP	03	02.40	0.4	
	0.7s		8.10nm			4.6mb	
KEV	42.36	348	iP	03	04.20	0.9	
	0.8s		22.00nm			4.9mb	
EPF	42.38	303	eP	03	03.30	-0.6	
	0.7s		2.20nm			4.0mb	
MFF	42.89	308	eP	03	07.60	-0.4	
LDF	43.07	311	eP	03	08.80	-0.6	
FLN	43.33	311	eP	03	10.90	-0.6	
	0.5s		3.40nm			4.4mb	
GRR	43.54	310	eP	03	12.90	-0.3	
	0.7s		7.20nm			4.5mb	
LPF	43.62	310	eP	03	13.30	-0.6	
	0.7s		6.10nm			4.5mb	
EKA	45.96	320	Pd	03	32.50	0.0	
	0.7s		7.20nm			4.7mb	
DAG	56.69	345	iPd	04	52.20	-1.0	
	0.6s		9.33nm			5.0mb	
KIC	57.36	258	iP	04	58.80	0.1	
	0.6s		24.00nm			5.4mb	
ALE	63.67	352	ePc	05	40.60	-0.2	
	0.7s		9.00nm			5.0mb	
MBC	74.11	358	eP	06	45.00	-0.1	
	0.8s		16.00nm			5.1mb	
FRB	75.49	336	eP	06	53.00	-0.3	
INK	82.21	2	iPc	07	30.30	0.7	
COL	84.52	8	eP	07	43.00	1.4	
	0.8s		10.45nm			5.1mb	
YKA	87.38	353	eP	07	57.10	1.4	
LPB	123.15	269	ePKP	14	09.00	2.0	

S.D. = 0.9 on 90 of 100 obs.

? MAY 19, 1985 01h 28m 59.91± 8.04s
17.605 N ±49.8km 99.745 W ±66.1km
DEPTH = 33.0km (normal)
GUERRERO, MEXICO (59)

III	0.81	19	iP	29	14.00	-1.1	
			iS	29	37.50		
TPM	1.52	25	iP	29	25.09	-0.1	
			iS	29	56.50		
OXM	1.68	2	iP	29	27.00	-0.8	
			iS	29	56.50		
TAC	1.87	16	iP	29	37.00	6.6X	
IIC	2.20	12	iP	29	37.00	1.8	
VHO	2.90	97	iP	29	45.00	0.0	

S.D. = 1.6 on 5 of 6 obs.

MAY 19, 1985 01h 29m 07.58± 0.27s
29.345 N ± 6.6km 69.393 E ± 4.1km
DEPTH = 33.0km (normal)
4.7mb (23 obs.)
PAKISTAN (710)

QUE	2.28	292	iPc	29	44.90	1.0	
			eS	30	14.00		
NDI	6.88	94	iPc	30	46.30	-2.5	
	0.5s		70.42nm			5.8mb	X
			eS	32	47.00		
MHI	10.83	312	eP	31	44.00	0.5	
POO	11.51	158	eP	32	02.00	9.4X	
DMN	13.93	93	eP	32	21.00	-4.1X	
	0.8s		44.00nm			5.3mb	
KKN	14.05	92	eP	32	21.30	-5.3X	
	0.5s		25.00nm			5.2mb	
PKI	14.20	93	eP	32	23.50	-5.2X	
	0.9s		51.00nm			5.2mb	
HYB	14.54	143	eP	32	28.50	-4.4X	
G8A	17.35	153	Pd	33	08.60	-0.2	
	1.1s		16.50nm			4.1mb	
SHL	20.30	95	eP	33	41.00	-2.6	
WMO	20.54	40	P	33	45.50	-0.4	
CHG	28.87	105	eP	35	05.80	0.4	
	1.1s		18.99nm			4.7mb	
CHTO	28.87	105	iP	35	05.90	0.5	
	0.9s		15.98nm			4.7mb	
CD2	29.70	78	eP	35	13.40	0.6	
KMI	29.89	90	eP	35	15.50	0.7	
LOE	31.87	105	eP	35	31.50	-0.5	
XAN	33.81	72	eP	35	48.10	-0.8	
TIY	36.58	65	eP	36	13.10	0.7	
WHN	38.78	77	eP	36	32.50	1.7	
BJI	39.52	62	eP	36	38 00	1 1	
GZH	39 74	88	Pd	36	40.00	1.1	
SKO	40 46	301	eP	36	45.00	0.4	
OHR	40.91	300	eP	36	47.30	-1.2	
NUR	43.07	329	eP	37	06.00	0.3	
SUF	43.47	333	iP	37	08.30	-0.6	
	0.4s		2.40nm			4.3mb	
KJF	43.63	335	eP	37	10.00	-0.3	
KSP	44.81	314	eP	37	20.00	0.0	
UPP	46.08	327	iP	37	29.70	-0.2	
BRG	46.29	314	e(P)	37	33.00	1.3	
KHC	46.38	311	eP	37	33.00	0.5	
MOX	47.75	313	eP	37	44.00	0.7	
GRF	47.95	312	eP	37	45.20	0.4	
	1.0s		10.00nm			4.8mb	
HFS	48.06	326	eP	37	44.40	-1.1	
	0.8s		3.20nm			4.4mb	
NB2	49.46	327	P	37	54.80	-1.5	
	1.3s		8.40nm			4.6mb	
BSF	50.88	310	eP	38	05.90	-1.5	
DOU	52.24	313	P	38	18.20	0.7	
LBF	52.84	309	eP	38	21.30	-0.8	
	1.3s		8.00nm			4.5mb	
LOR	52.90	309	eP	38	21.70	-0.8	
	1.1s		4.80nm			4.4mb	
SMF	52.96	308	eP	38	22.50	-0.5	
	1.1s		12.20nm			4.8mb	
SSF	53.15	309	eP	38	23.70	-0.7	
	1.1s		10.70nm			4.7mb	
AVF	53.28	308	eP	38	24.90	-0.4	
GRC	53.43	309	iPd	38	26.00	-0.3	
BNG	54.05	253	iPc	38	30.90	-0.5	
	0.6s		8.00nm			4.9mb	
CAF	54.39	306	eP	38	33.30	-0.3	
	1.2s		8.90nm			4.7mb	
LPO	55.05	306	eP	38	38.10	-0.2	
LFF	55.33	306	eP	38	40.10	-0.2	
GRR	55.94	311	eP	38	51.70	7.1X	
	1.4s		20.10nm			5.0mb	
MTD	58.61	223	eP	39	04.00	0.0	
KRI	59.85	225	iPd	39	13.00	0.4	
DAG	61.26	345	iPd	39	20.30	-1.1	
	0.6s		4.00nm			4.7mb	
BUL	62.98	224	iPd	39	34.40	0.7	
	0.9s		6.30nm			4.7mb	
MBC	74.52	2	eP	40	45.00	0.9	
IMA	79.34	16	eP	41	11.60	0.2	
	1.0s		10.00nm			4.8mb	
WRA	79.49	120	Pd	41	13.20	0.5	
	0.7s		4.40nm			4.6mb	
WB2	79.49	120	eP	41	13.00	0.2	
INK	81.18	8	iPc	41	21.50	0.6	
COL	81.70	15	iP	41	24.70	1.0	
	1.1s		18.99nm			5.0mb	
YKA	88.43	2	eP	41	58.70	1.4	
YKC	88.45	2	eP	41	58.00	0.6	
	0.8s		9.00nm			5.1mb	

S.D. = 0.9 on 53 of 59 obs.

* MAY 19, 1985 01h 54m 10.31± 1.09s
41.379 N ±11.3km 20.540 E ±10.7km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.2 (TTG).

OHR	0.33	144	iPg	54	17.40	0.2	
			iSg	54	24.60		
SKO	0.90	48	ePg	54	26.60	-0.9	
			e	54	28.00		
			iSg	54	37.70		
ULC	1.13	302	ePg	54	13.00	-18.5X	
			eSg	54	43.00		
PVY	1.29	341	ePg	54	35.20	1.0	
			eSg	54	48.30		
TTG	1.42	318	ePg	54	37.50	1.4	
			eSg	54	53.00		
VAY	1.53	91	ePn	54	38.00	0.3	
HCY	1.86	306	ePn	54	40.50	-2.0	
			eSn	55	07.00		

S.D. = 1.6 on 6 of 7 obs.

* MAY 19, 1985 01h 58m 24.05± 1.09s
16.985 N ±16.7km 62.308 W ±12.6km
DEPTH = 44.4 ± 15.7 km
LEEWARD ISLANDS (92)
Felt on Guodeloupe.

SEG	0.96	127	iPd	58	40.80	-0.5	
			S	58	52.20		
PAG	1.12	148	iPc	58	43.65	0.0	

		S	58 59.00			
MGG	1.42	138 eP	58 48.55	0.7		
MDN	1.88	152 ePc	58 54.40	0.2		
FDF	2.50	153 eP	59 03.10	-0.1		
		S	59 41.80			
CRM	2.59	149 eP	59 04.34	-0.1		
BIM	2.73	154 eP	59 06.44	0.0		
MVM	2.77	150 eP	59 06.99	-0.1		
SJG	3.83	288 iPc	59 22.20	0.1		
ALQ	43.15	303 eP	06 22.00	-0.4		
YKA	58.07	334 eP	08 14.90	0.0		
INK	67.40	338 eP	09 17.00	0.3		
S.D. = 0.4 on 12 of 12 obs.						

? MAY 19, 1985 02h 06m 59.23± 4.44s
25.137 N ±46.5km 109.634 W ±15.3km
DEPTH = 10.0km (geophysicist)
3.8mb (2 obs.)
GULF OF CALIFORNIA (49)

ALQ	10.15	15 eP	09 27.00	-1.3		
	1.0s	7.25nm		5.1mb X		
JCT	10.20	56 eP	09 28.50	-0.3		
EUR	15.27	341 iP	10 37.80	1.1		
	1.0s	5.38nm		3.9mb		
BHO	15.77	51 eP	10 42.20	-0.8		
TUL	16.03	45 eP	10 47.20	0.9		
	1.3s	10.60nm		3.8mb		
Z	19s	0.34um				
RLO	16.68	45 eP	10 55.90	1.3		
NEW	23.83	348 eP	12 13.00	-0.2		
YKA	37.50	356 eP	14 13.70	-0.9		
S.D. = 1.2 on 8 of 8 obs.						

• MAY 19, 1985 02h 58m 40.24± 1.77s
32.477 S ± 9.3km 68.446 W ±21.0km
DEPTH = 148.0 ± 20.4 km
MENDOZA PROVINCE, ARGENTINA (139)

MDZ	0.53	220 eP	59 03.30	1.5		
		iS	59 14.30			
RTCV	0.62	353 iPd	59 01.80	-0.7		
		S	59 16.20			
CFA	0.89	12 iPd	59 04.00	-0.2		
		S	59 21.00			
RTCB	1.03	343 iPc	59 05.30	-0.2		
		(S)	59 22.00			
RTLL	1.14	359 iPc	59 06.50	0.0		
		S	59 23.80			
RFA	2.29	180 ePd	59 18.30	-0.9		
TCA	3.47	72 iPc	59 34.80	0.6		
		S	00 14.20			
CYA	4.63	30 e(P)	59 48.50	-1.0		
SLA	8.14	19 ePc	00 37.80	0.9		
S.D. = 1.1 on 9 of 9 obs.						

? MAY 19, 1985 04h 04m 40.04± 0.52s
16.150 S ±19.9km 172.556 W ±23.4km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
SAMOA ISLANDS REGION (169)

AFI	2.35	19 P	05 10.00	-7.2X		
		S	07 35.00			
KRP	24.10	204 eP	09 54.00	0.4		
ASPA	50.66	252 eP	13 37.00	-1.6		
WBN	57.20	249 eP	14 25.00	-1.7		
SBA	62.57	185 e(P)	15 02.50	-0.2		
MAT	70.03	320 (P)	15 40.00	-10.8X		
	1.6s	40.00nm				
		eS	25 12.00			
SPA	73.95	180 e(P)	16 19.30	5.5X		
EUR	76.44	42 iP	16 29.00	0.5		
	1.0s	3.85nm		4.4mb		
ALQ	80.66	50 eP	16 49.00	-2.6		
	1.2s	7.81nm		4.6mb		
LRM	82.11	38 eP	16 59.50	0.5		
COL	82.98	10 eP	17 02.00	-0.8		
	0.8s	17.54nm		5.2mb		
SES	85.36	34 eP	17 15.00	-0.1		
EDM	85.70	31 eP	17 14.50	-2.3		
BJI	86.57	313 eP	17 23.50	2.2X		
INK	88.79	14 eP	17 30.00	-1.4		
YKA	90.46	23 eP	17 41.10	1.8		
CHTO	93.71	288 eP	17 57.00	1.8		
	1.0s	2.25nm		4.6mb		
CLL	144.64	354 e(PKP)	24 17.00	2.2		
KSP	144.67	350 ePKP	24 14.00	-0.9		
KRA	144.70	346 ePKP	24 14.80	-0.1		
		e	24 25.20			
MOX	145.43	355 ePKP	24 15.00	-1.2		
	1.6s	31.00nm				
SPC	145.43	345 ePKP	24 17.10	0.6		
ENN	145.45	2 ePKP	24 17.00	0.8		
MEM	145.61	2 PKP	24 17.00	0.6		
HOF	145.74	355 ePKP	24 17.70	0.9		
PRU	145.76	352 PKPd	24 17.50	0.7		
		e	24 27.00			
		e	24 38.00			
JOS	146.00	344 ePKP	24 18.10	0.9		
DOU	146.06	3 PKP	24 18.50	1.2		
GRF	146.41	356 iPKPd	24 19.70	1.8X		
		e	24 20.80			
WLF	146.56	2 PKP	24 20.80	2.8X		
		e	24 31.00			
KHC	146.73	353 iPKPd	24 21.00	2.6X		
		e	24 42.20			
FLN	146.84	10 ePKP	24 20.50	2.0X		
ZST	147.07	348 e(PKP)	24 22.00	3.1X		
GRR	147.14	10 ePKP	24 21.40	2.4X		
SRO	147.18	346 e(PKP)	24 22.00	2.9X		
LPF	147.45	11 ePKP	24 22.50	3.0X		
CDF	147.83	0 ePKP	24 23.90	3.6X		
HAU	148.22	1 ePKP	24 25.00	4.2X		
BSF	148.40	1 ePKP	24 25.40	4.1X		
GRC	148.73	6 iPKPd	24 25.90	4.3X		
ZUL	148.75	359 ePKP+	24 27.00	5.3X		
LOR	148.83	5 ePKP	24 26.50	4.7X		
MFF	148.99	10 ePKP	24 26.80	4.7X		
SSF	149.01	5 ePKP	24 26.90	4.8X		
LBF	149.12	5 ePKP	24 27.10	4.8X		
AVF	149.26	6 ePKP	24 27.50	5.0X		
LLS	149.34	358 ePKP+	24 28.10	5.2X		
BGF	149.44	6 ePKP	24 28.20	5.4X		
SMF	149.45	5 ePKP	24 28.20	5.4X		
OSS	149.47	356 ePKP	24 28.30	5.2X		
LSF	149.59	8 ePKP	24 28.00	5.0X		
LJU	149.61	350 e(PKP)	24 26.50	3.5X		
MZF	149.75	7 ePKP	24 28.70	5.4X		
DIX	150.16	0 ePKP+	24 30.40	6.2X		
MMK	150.19	359 ePKP+	24 31.30	7.1X		
SKO	151.59	338 ePKP	24 35.00	8.9X		
OHR	152.57	338 ePKP	24 34.00	6.4X		
S.D. = 1.4 on 24 of 57 obs.						

• MAY 19, 1985 06h 29m 18.23± 0.83s
38.302 N ±10.1km 23.233 E ±10.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 2.9 (ATH).

ATH	0.50	131 ePg	29 28.50	0.1		
		eSg	29 35.50			
VLS	2.08	267 ePn	29 53.50	-0.2		
		ePb	29 55.00			
KZN	2.30	331 ePn	29 57.00	0.1		
		eSg	30 35.00			
VAY	3.06	351 ePn	30 07.00	-0.5		
OHR	3.38	327 ePn	30 12.50	0.4		
S.D. = 0.5 on 5 of 5 obs.						

MAY 19, 1985 06h 37m 21.45± 0.51s
42.280 N ± 6.2km 13.346 E ± 4.9km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
ML 3.9 (TRI), 3.6 LDG), 3.5 (KBA).

MNS	0.51	282 iPgc	37 31.30	-0.4		
	0.8s	2000.00nm				
DUI	1.03	126 ePg	37 40.30	-0.7		
		eSg	37 57.00			
SGO	2.27	139 ePn	38 00.50	1.0		
BRT	3.22	115 ePn	38 13.00	0.1		
		eSn	38 49.00			
BRT	3.22	115 ePn	38 28.90	16.0X		
ORI	3.23	133 ePn	38 11.00	-2.2		
CVF	3.33	276 Pn	38 14.90	0.3		
		Sn	38 54.90			
TRI	3.44	5 ePn	38 15.50	-0.6		
		iPg	38 24.50			
		iSn	38 57.30			
		iSg	39 16.00			
		i	39 23.40			
CEY	3.54	12 e(Pn)	38 22.20	4.6X		
		i	38 31.80			
		eSn	38 58.30			
LJU	3.86	12 ePn	38 22.90	0.8		
		e	38 27.60			
		eSn	39 97.50			
BRY	3.89	79 ePn	38 23.00	0.3		
		e(Sn)	39 11.00			
SAL	3.90	329 ePn	38 23.00	0.4		
CTI	3.96	343 iPnc	38 23.30	-0.3		
		iSn	39 08.50			
LCI	3.98	118 ePn	38 25.50	1.7		
		e(Sn)	39 19.00			
TTG	4.39	86 ePn	38 30.20	0.6		
		eSn	39 20.00			
ULC	4.40	92 ePn	38 29.00	-0.9		
PLE	4.57	75 ePn	38 33.00	0.7		
KBA	4.80	360 ePn	38 35.00	-0.6		
	1.0s	3.50nm				
		iPg	38 53.40			
		i	39 02.80			
		iSn	39 29.30			
		i	39 30.60			
		i	40 05.00			
		e	09 29.50			
		i	09 40.00			
PVY	4.92	84 ePn	38 37.70	0.5		
		eSn	39 36.00			
OSS	4.97	334 eP	38 38.40	0.5		
LLS	5.54	327 eP	38 46.80	0.7		
OHR	5.70	99 ePn	39 48.20	-0.1		
EMS	5.97	312 eP	38 54.20	2.1		
SKO	6.03	90 ePn	38 52.20	-0.6		
KHC	6.85	1 Pc	39 05.60	1.2		
GRC4	6.93	350 ePn	39 03.10	-2.3		
		e	39 22.10			
		e	39 29.20			
VAY	6.96	95 ePn	39 05.60	-0.3		
BSF	7.23	322 Pn	39 07.90	-1.9		
		Sn	40 26.40			
HAU	7.56	322 Pn	39 11.20	-3.2X		
		Sn	40 34.10			
MOX	8.45	352 e(P)	39 46.00	19.2X		
BRG	8.61	3 e(P)	39 51.00	22.1X		
S.D. = 1.1 on 26 of 31 obs.						

• MAY 19, 1985 06h 43m 58.35± 0.58s
33.984 S ± 9.4km 72.381 W ± 8.2km
DEPTH = 33.0km (normal)
4.5mb (4 obs.)
OFF COAST OF CENTRAL CHILE (134)

MDZ	3.15	71 eP	44 48.70	1.9		
		i	44 51.90			
RFA	3.33	105 ePc	44 50.50	1.0		
		S	45 42.00			
RTCV	3.86	58 ePd	44 58.70	1.7		
		S	45 57.60			
RTCB	3.91	51 ePc	44 58.50	0.8		
		S	45 56.30			
ZON	3.95	53 eP	45 01.00	2.7X		
CFA	4.22	57 ePd	45 02.00	0.0		
		S	46 10.00			
RTLL	4.23	52 ePd	45 02.50	0.3		
		S	46 04.50			
TCA	7.08	70 ePc	45 39.60	-2.8		
		S	47 10.00			
CYA	7.89	47 e(P)	46 49.00	55.3X		
		S	47 30.00			
FSA	9.61	37 iPd	46 10.20	-7.2X		
		S	48 19.00			
SLA	11.00	35 ePc	46 31.00	-5.7X		
YJA	13.24	29 e(P)	47 02.80	-4.2X		
ARE	17.47	3 eP	48 02.00	0.6		
LPB	17.80	14 eP	48 07.00	1.4		
		LR	54 26.00			
VAO	24.81	70 eP	49 18.10	-0.8		
		e	49 21.10			
BAO	28.58	56 eP	49 52.00	-1.7		
SOB1	38.00	57 eP	51 13.50	-1.7		
	1.5s	10.80nm		4.5mb		
		e	51 21.20			
ITR	40.05	59 eP	51 30.40	-1.9		
	1.0s	7.40nm		4.4mb		
		e	51 38.30			
SNA	51.72	156 e(P)	53 05.00	0.9		
SPA	56.19	180 e(P)	53 38.50	1.2		

19d 06h

```
BHO     71.20 340 eP     55 16.00   0.2
TUL     72.89 340 eP     55 25.70  -0.2
        0.7s     17.70nm          5.2mb
                  i      55 33.40
RLO     72.92 341 eP     55 25.70  -0.4
ALQ     75.63 332 eP     55 42.00   0.0
        1.0s      5.00nm          4.5mb
LRM     87.31 333 eP     56 44.00   1.0
NUR    122.26  36 ePKP   02 49.00  -1.6
SUF    123 41  33 ePKP   02 52.00  -0.7
KJF    124.33  31 ePKP   03 03.00   8.5X
MTN    128.33 210 eRdiff59 47.00  -1.1
                  eS     01 09.00
QUE    145.49  85 ePKP   03 35.70   0.6
GBA    145.94 119 PKPc   03 36.80   0.9
        1.7s     41.90nm
HYB    149.20 1.5 ePKP   03 45.50   4.4X
      S.D. = 1.3  on  25 of  32 obs.

 *  MAY  19, 1985  06h 57m 35.26± 0.84s
    55.940 N ±13.3km  165.683 E ±12.4km
    DEPTH =  33.0km  (normal)
    4.7mb (  4 obs.)
  KOMANDORSKY ISLANDS REGION        (  4)

SMY      5.88 120 eP     59 02.70   0.4
ADK     11.16 104 eP     00 17.00   1.6
TTA     20.43  54 eP     02 12.00   0.0
IMA     21.73  46 eP     02 16.10  -9.2X
COL     24.10  49 iP     02 49.50   1.2
        1.0s     32.50nm          4.8mb
FBA     24.10  49 eP     02 49.50   1.2
MAT     26.86 235 eP     03 16.00   1.5
NK      29.61  41 iPc    03 39.70   0.7
YKA     38.85  77 eP     04 59.90   1.5
YKC     38.91  77 eP     04 59.90   1.0
PNT     43.76  66 eP     05 38.00  -0.9
        0.8s      8.00nm          4.6mb
EDM     44.47  58 ePc    05 44.50  -0.1
NEW     45.71  66 eP     05 53.00  -1.5
SES     47.36  60 eP     06 06.00  -1.6
LRM     49.71  65 eP     06 25.10  -1.0
EUR     52.30  73 iP     06 44.20  -1.6
        0.3s      5.38nm          5.0mb
ALQ     60.75  70 eP     07 45.00  -1.1
NB2     61.64 346 P      07 56.50   5.0X
        0.5s      0.80nm          4.1mb
WB2     80.11 210 eP     09 41.80  -1.3
      S.D. = 1.3  on  17 of  19 obs.


   MAY  19, 1985  07h 07m 46.19± 0.2Bs
   33.894 S ± 6.0km   72.287 W ± 4.2km
   DEPTH =  33.0km  (normal)
   5.2mb ( 21 obs.)  5.3Msz (  3 obs.)
 OFF COAST OF CENTRAL CHILE         (134)
      Felt (II) at Santiago.
      CENTROID, MOMENT TENSOR       (HRV)
      Data Used: GDSN
      L.P.B.: 16S, 29C
      Centroid Location:
      Origin Time        07:07:48.8 0.3
      Lat 34.00S 0.04 Lon  72.54W 0.05
      Dep  37.5 2.7 Half-duration  2.3
      Moment Tensor; Scale 10**24 D-CM
        Mrr= 1.78 0.07  Mtt= 0.36 0.09
        Mff=-2.13 0.11  Mrt=-0.05 0.11
        Mrf=-1.38 0.14  Mtf=-0.53 0.08
       Principal Axes:
        T  Val=  2.22  Plg=72  Azm= 79
        N        0.44        6      188
        P       -2.66       17      280
      Best Double Couple:Mo=2.4*10**24
       NP1:Str ke= 20 Dip=28 Slip= 103
       NP2:       185      62       83

LNV      0.73  95 iPc    08 00.00   0.0
TACH     1.15  78 iPd    08 06.20   0.2
CHCH     1.36  92 iPc    08 09.80   0.7
SAN      1.42  72 iPc    08 10.50   0.5
PCH      1.50  80 iPd    08 11.50   0.3
PEL      1.53  61 iP+    08 13.10   1.5
BACH     1.59  71 iPc    08 13.10   0.6
FCH      1.76  72 iPc    08 16.00   0.9
MOZ      3.05  72 eP     08 35.20   1.9
                 iS     09 26.80
RFA      3.28 107 ePc    08 37.50   0.9
PTCV     3.75  58 iPc    08 44.50   1.3

                 (S)    09 44.50
RTCB     3.80  52 iPc    08 45.20   1.3
ZON      3.84  53 eP     08 47.00   2.6X
CFA      4.10  57 ePc    08 39.00  -9.2X
                 S      09 50.30
RTLL     4.11  53 iPc    08 48.90   0.5
                 S      09 51.00
TCA      6.97  71 ePd    09 26.00  -2.8
                 S      10 40.00
CYA      7.77  47 iPd    09 36.50  -4.4X
FSA      9.49  37 iPd    09 59.40  -4.2X
ANT     10.28  10 eP     10 04.00 -10.5X
SLA     10.88  35 ePd    10 17.80  -5.1X
                 S      12 56.00
LPA     11.90  99 eP+    10 34.00  -2.5
                 eS     12 48.00
YJA     13.12  29 eP     10 48.60  -4.7X
ARE     17.37   3 eP     11 48.00  -0.1
LPB     17.69  13 Pd     11 53.00   0.8
                 (S)    15 15.00
                 LR     18 04.00
NNA     22.20 348 eP     12 41.50   0.1
        1.3s     82.69nm          5.0mb
                 eS     16 44.00
VAO     24.70  71 iPc    13 04.60  -1.1
BAO     28.47  56 iPc    13 38.00  -2.5
                 e      13 38.50
                 e      13 40.50
SOB1    37.88  57 eP     15 00.50  -1.6
        0.4s     11.30nm          5.1mb
                 e      15 08.00
ITR     39.94  59 iPc    15 17.10  -2.1
        0.9s     23.80nm          5.0mb
                 e      15 20.70
                 e      15 25.30
                 e      15 33.30
                 e      16 02.90
                 e      16 15.00
UAV     42.28   2 eP     15 39.50   1.0
SDV     42.57   2 eP     15 41.00   0.1
CAR     44.45   8 eP     15 54.90  -1.1
SNA     51.77 156 e(P)   16 51.40  -0.9
        1.2s    125.00nm          5.7mb
SJG     52.04   7 iPd    16 52.60  -2.3
        0.9s     33.61nm          5.3mb
      Z  20s      2.84µm          5.3Msz
VHO     55.93 331 iPc    17 24.50   0.8
SPA     56.28 180 eP     17 08.90 -16.9X
        1.0s      8.50nm
                 e      17 25.40
TPM     58.45 330 ePc    17 43.60   2.2
OXM     58.99 330 iPc    17 45.00  -0.4
SBA     63.14 192 eP     18 06.90  -5.5X
PRM     68.28 351 P      18 44.10  -1.7
JCT     69.10 335 iP     18 50.20  -0.8
        1.0s     65.00nm          5.6mb
LTX     69.54 331 P      18 53.00  -0.8
        1.0s     26.00nm          5.3mb
      Z  20s      1.99µm          5.4Msz
RSCP    70.24 349 P      18 57.10  -0.8
BHO     71.14 340 iPd    19 03.20  -0.1
TUL     72.84 340 iPd-   19 12.40  -1.0
        1.0s    101.40nm          5.8mb
RLO     72.86 341 iPd    19 12.60  -0.9
OCO     72.97 339 e(P)   19 13.30  -0.9
MAW     73.34 164 eP     19 16.00   0.0
FVM     73.47 345 P      19 16.00  -1.1
        1.0s     28.00nm          5.2mb
KIC     75.24  72 iPc    19 27.20  -0.6
        0.6s     58.00nm          5.8mb
ALQ     75.59 332 eP     19 29.00  -0.6
        1.0s     32.50nm          5.3mb
      Z  20s      1.72µm          5.4Msz
                 e      19 38.00
DRV     76.76 193 eP     19 38.50   3.0X
WIN     77.29 109 eP     19 20.00 -19.5X
        1.0s     35.00nm
SKLY    77.50 359 P      19 48.50   8.8X
GLA     77.68 324 P      19 42.00   0.9
RSNY    78.10 358 P      19 42.80  -0.2
        1.0s     18.00nm          5.1mb
MIM     78.82   2 P      19 49.00   2.1
OTT     78.98 358 eP     19 48.00   0.2
MNT     79.03 359 eP     19 49 00   0.9
RMU     79.27 329 P      19 50 80   0.9
GLD     79.36 335 P      19 52 20   1.9
        1.0s     12 00nm          4.8mb

GOL     79.37 335 P      19 51.00   0.5
        1.1s      7.69nm          4.6mb
BLF     80.71 119 iPd    19 57.70  -0.2
PRN     81.34 327 P      20 02.00   1.2
YMT3    81.47 326 P      20 03.00   1.6
VIR     81.78 118 e(P)   20 03.50   0.0
BFS     82.38 117 iPd    20 05.80  -0.8
RSSD    82.86 338 P      20 08.50  -0.2
        1.1s     12.79nm          4.9mb
EUR     83.45 327 iP     20 12.70   0.9
        0.2s     11.72nm          5.7mb
BDW     83.59 333 P      20 12.00  -0.5
        1.0s     30.00nm          5.4mb
MNA     83.61 325 eP     20 12.20  -0.4
BPI     83.70 117 eP     20 07.50  -6.0X
JAS1    84.30 324 eP     20 16.40   0.5
WCN     85.07 325 P      20 22.00   2.1
JOZ     85.92 120 e(P)   20 26.50   2.1
ORV     86.10 324 eP     20 25.30   0.5
RSON    86.48 347 P      20 25.80  -0.6
        1.0s     40.00nm          5.6mb
LRM     87.26 333 eP     20 30.90   0.3
WDC     87.40 324 eP     20 30.50  -0.6
BUL     87.58 113 iPc    20 32.30  -0.4
        1.0s     12.00nm          5.1mb
LSZ     90.04 108 iPd    20 46.00   1.6
KRI     90.26 110 eP     20 45.00  -0.4
SES     90.65 336 eP     20 45.00  -1.3
NEW     91.08 332 P      20 51.00   2.7X
        1.1s     11.25nm          5.1mb
MTD     91.82 111 iPc    20 53.00   0.5
                 i      21 06.00
BNG     93.14  87 iPd    20 58.70   0.2
        0.5s      4.00nm          5.1mb
EDM     93.81 337 eP     20 58.50  -2.2
YKA    101.89 341 ePdiff21 31.50  -5.6X
KHC    112.28  45 ePKP   26 21.50   1.7
APO    117.09  34 ePKP   26 26.70  -1.9
        0.7s      1.90nm
WB2    120.75 209 ePKP   26 35.70  -1.1
WRA    120.75 209 PKP    26 39.00   2.2
        0.7s      1.90nm
NUR    122.15  35 ePKP   26 37.00  -1.2
        0.5s      7.00nm
                 i      26 45.80
SUF    123.29  33 ePKP   26 39.00  -1.3
SOD    124.17  28 iPKP   26 41.00  -1.0
KJF    124.22  31 ePKP   26 42.00  -0.1
        0.6s     15.60nm
                 i      26 50.50
IR5    133.49  71 ePKP   27 00.00  -1.0
MHI    140.79  72 ePKP   27 15.00   0.5
KOD    143.63 123 ePKP   27 16.50  -3.8X
PPI    145.15 167 ePKP   27 19.50  -3.0X
QUE    145.41  85 ePKP   27 23.00   0.2
GBA    145.91 119 PKPd   27 23.60  -0.1
        0.6s     19.10nm
POO    146.17 108 iPKPc  27 25.00   0.9
        1.0s     60.00nm
PSI    147.89 163 ePKPc  27 28.50   1.5
        0.8s     51.30nm
KGM    148.02 172 ePKP   27 28.30   1.1
TSI    148.58 162 e(PKP) 27 32.00   3.9X
HYB    149.16 115 ePKP   27 28.00  -0.9
IPM    150.18 167 ePKPd  27 33.90   3.4X
        0.8s     26.10nm
                 e      27 52.10
NDI    153.48  93 ePKP   27 34.00  -0.9
KKN    159.82 102 ePKP   27 42.00  -1.2
PKI    159.84 102 ePKP   27 42.90  -0.5
BDT    161.67 153 ePKP   27 47.00   2.1
CHG    163.06 150 ePKP   27 46.00  -0.4
CHTO   163.06 150 ePKP   27 26.00 -20.4X
        1.0s      6.25nm
                 e      28 35.00
SHL    163.95 117 iPKP   27 47.00  -0.3
KMI    170.25 152 ePKP   27 52.00   0.0
LZH    176.14  54 ePKP   27 55.00   1.3
      S.D. = 1.2  on  97 of 117 obs.

&  MAY  19, 1985  07h 17m 39.02s
    61.718 N        150.846 W
    DEPTH =  60.3km
  SOUTHERN ALASKA                   (  2)
       <AGS-P>.

SUA      0.26 169 iP     17 49.03  -0.1
```

iS 17 57.95
SKT 0.42 309 iP 17 49.92 -0.4
PWA 0.47 98 eP 17 50.20 -0.5
CRP 0.77 235 iP 17 54.27 -0.2
iS 18 05.86
PMS 0.78 127 eP 17 53.20 -1.2
SPU 0.79 228 iP 17 54.15 -0.4
PLRM 0.83 98 iP 17 53.98 -1.0
eS 18 05.75
MSE 0.90 81 iP 17 55.59 -0.4
iS 18 08.96
GHO 0.92 86 iP 17 55.79 -0.4
NKA 1.00 191 iP 17 58.49 1.4
KNK 1.18 104 iP 17 59.32 -0.4
iS 18 15.79
SML 1.20 85 iP 17 59.19 -0.8
PTE 1.23 133 iP 17 59.40 -0.9
SLKM 1.25 166 iP 17 59.55 -1.1
RDT 1.38 214 iP 18 01.74 -0.7
eS 18 18.96
MPA 1.43 149 iP 18 02.21 -0.8
CFI 1.57 109 iP 18 03.84 -1.2
SCM 1.68 84 eP 18 05.69 -0.9
SEW 1.76 157 eP 18 07.35 -0.2
ILM 1.82 213 iP 18 07.95 -0.5
TTV 1.91 109 iP 18 08.55 -1.2
BRLK 1.96 181 eP 18 09.17 -1.3
GLI 2.00 113 iP 18 08.97 -2.0
VZW 2.17 106 eP 18 11.42 -2.0
TOA 2.25 78 eP 18 14.20 -0.3
VLZ 2.25 103 eP 18 11.88 -2.5
FID 2.32 113 eP 18 12.77 -2.8
eS 18 40.40
KLU 2.36 93 iP 18 14.33 -1.9
SVW 2.38 257 eP 18 14.60 -1.7
AUL 2.67 210 eP 18 20.27 -0.1
TTA 2.70 299 eP 18 19.80 -1.1
KMP 2.79 92 eP 18 19.67 -2.5
SGAM 3.00 112 eP 18 21.95 -3.1
COL 3.48 22 iP 18 30.40 -1.4
eS 19 09.00
FBA 3.48 22 eP 18 30.20 -1.6
KDC 4.07 193 eP 18 37.50 -2.6
BALM 4.15 96 eP 18 37.96 -3.4
IMA 4.54 345 eP 18 45.40 -1.5
YAH 4.63 103 eP 18 45.38 -2.8
PNL 5.99 105 eP 19 05.70 -1.4
INK 9.83 41 eP 20 01.00 0.9
41 obs. associated

MAY 19, 1985 07h 23m 06.21± 0.32s
33.989 S ± 5.6km 72.358 W ± 3.9km
DEPTH = 33.0km (normal)
4.9mb (10 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV 0.79 88 iPc 23 20.20 -0.6
TACH 1.23 75 iP 23 06.10 -21.1X
CHCH 1.42 88 iPd 23 30.30 0.3
SAN 1.51 70 iPc 23 31.00 -0.3
PCH 1.58 77 iPd 23 31.80 -0.5
PEL 1.63 59 iPc+ 23 33.30 0.2
BACH 1.68 68 iPc 23 33.90 0.1
FCH 1.85 70 iP 23 16.00 -20.4X
RFA 3.31 105 ePc 23 58.00 1.0
(S) 25 02.00
RTCV 3.85 58 ePc 24 05.20 0.6
RTCB 3.90 51 iPc 24 05.70 0.3
ZON 3.94 53 eP 24 13.00 7.0X
CFA 4.20 57 ePc 24 09.30 -0.3
RTLL 4.22 52 ePc 24 09.50 -0.3
TCA 7.06 70 ePd 24 46.80 -3.2X
S 26 12.00
SLA 11.00 35 ePc 25 38.00 -6.4X
YJA 13.23 29 e(P) 26 09.00 -5.8X
ARE 17.47 3 eP 27 11.00 1.7
LPB 17.80 13 Pd 27 14.80 1.3
VAO 24.79 70 eP 28 24.80 -1.8
ITR 40.04 59 eP 30 37.30 -2.7X
1.3s 28.70nm 4.9mb
SNA 51.71 156 eP 32 12.30 0.5
SPA 56.19 180 eP 32 45.20 0.1
1.0s 10.00nm 4.8mb
PRM 68.36 351 P 34 05.00 -1.3
JCT 69.16 335 iP 34 11.10 -0.3
1.0s 10.50nm 4.9mb
LTX 69.59 331 P 34 14.00 -0.2
RSCP 70.32 349 P 34 17.50 -0.9
BHO 71.21 340 eP 34 23.50 -0.3
TUL 72.91 340 ePd 34 32.50 -1.3
0.8s 9.60nm 4.8mb
RLO 72.93 341 eP 34 33.30 -0.7
FVM 73.55 345 P 34 37.00 -0.5
0.5s 14.00nm 5.2mb
KIC 75.33 72 eP 34 47.40 -0.9
ALQ 75.64 332 eP 34 49.20 -0.7
1.2s 15.63nm 4.9mb
e 34 58.00
RMU 79.33 329 P 35 11.00 0.8
BLF 80.72 119 e(P) 35 17.80 -0.2
PRN 81.39 327 P 35 22.10 1.0
YMT3 81.51 326 P 35 22.80 1.1
EUR 83.50 328 iP 35 32.70 0.6
0.4s 2.77nm 4.7mb
BDW 83.64 333 P 35 32.50 -0.3
1.0s 4.00nm 4.5mb
RSON 86.56 347 P 35 46.30 -0.5
0.5s 5.73nm 5.1mb
LRM 87.32 333 eP 35 51.50 0.6
BUL 87.60 113 iPd 35 53.00 0.2
0.7s 5.48nm 4.9mb
LSZ 90.06 108 iPc 36 07.00 2.5X
KRI 90.28 110 iPd 36 06.00 0.4
MTD 91.84 112 iPd 36 14.00 1.3
QUE 145.47 85 ePKP 42 43.00 0.1
GBA 145.92 119 PKPc 42 43.30 -0.4
0.6s 9.80nm
HYB 149.18 115 ePKP 42 52.50 3.5X
IPM 150.10 167 ePKPd 42 54.00 3.6X
PKI 159.87 103 ePKP 43 03.60 0.2
S.D. = 0.8 on 40 of 50 obs.

MAY 19, 1985 08h 07m 48.21± 0.11s
53.611 N ± 2.6km 160.526 E ± 2.5km
DEPTH = 62.6km (11 depth phases)
6.1mb (88 obs.)
NEAR EAST COAST OF KAMCHATKA (218)
Ms 5.3 (BRK). Felt (V) at
Petropavlovsk-Kamchatskiy.
MOMENT TENSOR SOLUTION
Dep 38 No. of sta: 16
Moment Tensor; Scale 10**24 d-cm
Mrr= 5.02 Mtt=-7.07
Mff= 2.04 Mrt= 3.19
Mrf= 3.63 Mtf=-1.35
Principal axes:
T Val= 7.71 Plg=58 Azm=285
N 0.63 27 68
P -8.35 16 167
Best Double Couple:Mo=8.0*10**24
NP1:Strike=290 Dip=37 Slip= 138
NP2: 56 66 61
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 30C
Centroid Location:
Origin Time 08:07:51.9 0.2
Lat 53.37N 0.02 Lon 160.79E 0.04
Dep 46.8 1.9 Half-duration 3.1
Moment Tensor; Scale 10**24 D-CM
Mrr= 4.79 0.11 Mtt=-1.23 0.15
Mff=-3.57 0.15 Mrt= 1.55 0.16
Mrf= 2.90 0.21 Mtf=-3.35 0.13
Principal Axes:
T Val= 5.74 Plg=74 Azm=287
N 1.12 5 33
P -6.86 16 125
Best Double Couple:Mo=6.3*10**24
NP1:Strike=221 Dip=30 Slip= 99
NP2: 31 61 85

SMY 8.21 91 eP 09 42.10 -4.9X
ADK 13.90 88 eP 10 58.60 -4.8X
TSK 22.49 228 eP 12 42.00 -1.1
DDR 23.07 229 eP 12 48.80 -0.1
MAT 23.07 231 iPc+ 12 48.80 0.0
Z 20s 3.55um 4.8Msz
iS 16 55.80
KYS 23.32 226 eP 12 48.80 -2.4
SRY 23.36 228 eP 12 48.80 -2.8
OYM 23.53 228 eP 12 53.10 -0.2
TTA 24.22 50 eP 12 59.60 -0.2
BRW 25.66 30 eP 13 13.20 0.0
KDC 26.38 62 eP 13 17.60 -2.4
PMS 27.32 54 eP 13 25.40 -3.1X
Z 20s 6.00um 5.2Msz
SHK 27.36 237 iPc 13 29.40 0.3
PMR 27.48 53 P 13 29.00 -0.9
1.0s 1500.00nm 6.6mb
COL 27.88 46 iPc 13 32.90 -0.6
0.8s 147.01nm 5.7mb
Z 21s 5.02um 5.1Msz
eS 18 14.00
PNL 32.56 55 eP 14 13.20 -1.8
BJI 32.68 264 eP 4 14.50 -1.7
N 19s 7.40um
esP 14 38.00
ePPP 15 37.00
ePcP 17 00.50
eS 19 21.00
esS 19 42.00
ePcS 20 45.00
INK 33.31 38 ePc 14 20.60 -0.8
0.9s 195.00nm 6.0mb
SSE 36.09 247 P+ 14 45.00 -0.5
1.0s 1.30nm 3.8mb X
Z 20s 14.60um 5.7Msz
N 18s 3.10um
E 18s 2.30um
ePP 16 16.00
S 20 17.00
sS 20 24.00
ANP 40.59 241 e(P) 15 25.00 1.8
TATO 40.78 241 eP 5 25.20 0.6
0.8s 105.42nm 5.7mb
ALE 42.38 8 ePc 15 36.80 -0.4
0.9s 226.00nm 6.0mb
LZH 42.60 269 iPc 15 39.50 -0.2
1.5s 322.00nm 5.9mb
N 15s 3.20um
E 16s 4.70um
ePP 17 17.00
eS 21 55.00
YKA 42.61 43 eP 15 39.30 0.1
YKC 42.67 43 ePc 15 39.40 -0.3
0.9s 107.00nm 5.6mb
KBS 46.41 352 iP+ 16 10.40 0.9
HKC 46.85 247 eP 16 14.20 0.6
PNT 47.47 61 eP 16 17.00 -1.3
0.9s 66.00nm 5.6mb
EDM 48.25 54 ePc 16 23.30 -1.0
0.9s 195.00nm 6.1mb
pP .6 39.50 63km
BAG 48.40 235 ePc+ 16 24.90 -1.0
1.3s 315.38nm 6.2mb
eS 23 10.00
COR 48.43 68 iPd 16 26.00 0.4
NEW 49.42 61 iPc 16 32.80 -0.6
0.9s 43.20nm 5.5mb
e 17 55.00 409kmX
MAN 49.66 234 eP 16 36.00 0.6
YKM 49.77 59 iP- 16 35.80 -0.4
DAG 49.89 360 iPd 16 35.00 -1.5
0.7s 212.33nm 6.3mb
iS 23 36.00
LDM 50.23 59 iP- 16 39.40 -0.2
LHD 50.24 60 iP- 16 39.40 -0.2
CLX 50.49 60 iP- 16 41.40 -0.3
FHC 50.50 72 eP 16 43.20 1.5
SES 51.13 55 iPc 16 45.40 -1.0
KMI 51.17 260 Pc+ 16 45.50 -1.6
4.0s 1.10nm 3.2mb X
N 18s 5.30um
eS 23 47.00
sS 24 04.00
WDC 51.47 72 ePc 16 48.30 -0.7
MIN 52.15 71 eP 16 45.70 -8.6X
KEV 52.41 341 iP 16 55.00 -0.6
0.8s 92.40nm 5.9mb
eS 24 12.00
FFC 52.48 46 iPc 16 55.60 -0.8
1.0s 93.00nm 5.8mb
ORV 52.75 72 ePc 16 57.50 -1.1
HRY 53.16 59 iPc 17 01.50 -0.2
BUT 53.25 60 eP 17 02.00 -0.4
LRM 53.44 60 iPc 17 03.20 -0.7
CGP 53.47 226 eP 17 02.50 -1.5
BKS 53.48 74 ePd 17 05.70 1.8
1.0s 54.00nm 5.5mb
Z 20s 2.60um 5.3Msz
N 20s 1.60um

19d 08h

E 20s 2.20um
ePcP 18 10.80
iS 24 36.00
e 25 16.00
e 25 18.00
eSS 28 22.00
SXM 53.86 59 iPc 17 06.70 -0.2
WCN 53.90 71 P 17 07.50 0.3
TRO 53.93 344 eP 17 05.80 -1.0
ARN 54.24 74 P 17 10.00 0.4
DAV 54.33 224 eP 17 10.10 -0.3
eS 24 42.00
JAS1 54.48 73 ePc 17 10.80 -0.5
i 17 27.50 64km
SOD 54.50 346 iP 17 09.80 -1.3
SAO 54.70 74 eP 17 14.00 1.0
GDH 54.94 14 iPc 17 13.40 -0.9
1.2s 350.00nm 6.3mb
Z 20s 2.48um 5.3Msz
i 17 31.00 68km
i 24 50.00
MNA 55.40 71 iPc 17 18.00 -0.2
i 17 34.00 60km
EUR 55.89 68 iP 17 21.80 0.0
MOM 56.53 196 e(P) 17 18.00 -8.2X
FRB 56.93 24 iPc 17 26.50 -2.1
1.0s 227.00nm 6.2mb
KJF 56.98 337 iP 17 27.00 -2.0
0.7s 109.50nm 6.0mb
BDW 57.03 61 P 17 30.00 0.0
1.0s 8.93nm 4.8mb X
SHL 57.27 2 9 iP 17 29.50 -2.2
eS 25 21.00
YMT3 57.54 71 P 17 33.80 0.4
LOE 57.76 255 eP 17 33.00 -1.9
PRN 57.87 69 P 17 36.00 0.3
pP 17 52.00 60km
CHG 58.26 258 iPc 17 38.00 -0.5
0.7s 102.40nm 6.1mb
eS 25 08.00
CHTO 58.26 258 iP 17 39.00 0.5
0.8s 137.98nm 6.0mb
SUF 58.62 337 iP 17 39.10 -1.4
0.9s 444.40nm 6.6mb
RSON 58.77 46 P 17 40.50 -1.2
1.0s 270.00nm 6.3mb
RSSD 58.90 57 P 17 43.30 0.3
1.0s 260.00nm 6.3mb
pP 18 01.00 68km
BDT 59.46 257 iPc 17 46.80 0.0
1.2s 210.60nm 6.1mb
KKM 59.47 234 ePd 17 48.00 1.0
KKN 59.54 276 iP 17 46.20 -1.4
PKI 59.63 276 iP 17 46.80 -1.5
DMN 59.78 276 iP 17 47.80 -1.5
NST 60.06 255 eP 17 51.00 0.2
RMU 60.36 67 P 17 52.20 -0.8
NUR 60.91 337 iP 17 55.20 -0.9
0.9s 297.40nm 6.4mb
eS 26 12.00
AKU 61.03 359 iPc 17 57.50 0.6
1.0s 260.00nm 6.3mb
GOL 61.44 61 P 18 01.00 0.5
1.2s 61.48nm 5.6mb
Z 20s 2.50um 5.4Msz
pP 18 17.00 59km
GLD 61.48 61 P 18 02.00 1.4
1.2s 70.71nm 5.7mb
Z 20s 2.50um 5.4Msz
KHT 61.65 296 iPc 18 02.00 0.3
LHC 62.50 45 iPc 18 10.50 3.5X
0.8s 64.00nm 5.8mb
REY 62.57 1 iPc 18 08.20 1.0
NNT 62.76 253 iPc 18 10.00 1.0
UPP 63.03 340 iPc 18 08.80 -1.5
1.1s 1000.00nm 6.8mb
i 18 10.10 4kmX
NB2 63.12 344 P 18 09.50 -1.5
0.9s 354.40nm 6.4mb
AAI 63.18 217 ePd 18 11.80 0.0
1.0s 14.50nm 5.0mb X
HFS 63.54 342 iP 18 12.80 -0.9
0.7s 95.60nm 5.9mb
Z 16s 2.71um 5.5MszX
LR 43 32.00
NDI 63.61 283 iPc 18 11.60 -3.0
iPcP 18 26.00

eS 27 57.00
eSS 32 52.00
HYA 63.77 346 iPd 18 14.70 -0.4
PMG 63.80 195 eP 18 10.50 -5.3X
SUE 64.06 347 iPd 18 16.50 -0.6
ALQ 64.40 65 ePc 18 19.20 -0.7
1.0s 30.25nm 5.2mb
Z 22s 4.02um 5.6Msz
A$K 64.56 347 iP 18 20.70 0.4
BER 64.63 347 iP+ 18 20.00 -0.8
Z 26s 1877.00um 8.2MszX
ODD 64.87 346 iPd 18 22.20 -0.2
SCH 65.10 28 ePc 18 22.00 -1.9
1.0s 132.00nm 5.9mb
KMY 65.78 346 iP+ 18 27.50 -0.6
SNG 66.67 249 eP 18 35.00 0.7
MHI 67.59 301 eP 18 37.00 -3.1X
e 21 05.00
eS 28 50.00
MUD 67.81 343 iPc 18 41.80 0.8
0.9s 230.00nm 6.2mb
COP 67.95 341 iPc+ 18 42.00 0.1
0.8s 421.28nm 6.5mb
Z 20s 3.19um 5.5Msz
i 19 19.00 153kmX
MKS 67.98 225 iPc 18 42.00 -0.6
QUE 68.31 292 eP 18 42.70 -2.1
eS 27 17.00
CHI 68.36 48 P 18 43.50 -1.2
IPM 68.58 247 ePc 18 46.70 0.3
0.9s 162.20nm 6.0mb
OCO 68.69 59 ePc 18 45.90 -0.9
TUL 69.24 58 iPc 18 49.40 -0.8
1.0s 253.20nm 6.1mb
RLO 69.42 57 iPc 18 50.30 -1.0
KGM 69.48 244 iPc 18 53.10 1.3
0.8s 133.40nm 5.9mb
i 19 16.10 89kmX
LTX 70.20 67 P 18 56.40 0.2
1.0s 60.00nm 5.5mb
Z 20s 1.53um 5.2Msz
FVM 70.21 53 P 18 55.50 -0.6
1.0s 320.00nm 6.2mb
UTO 70.32 46 ePd 18 56.10 -0.5
OTT 70.33 38 ePc 18 54.90 -1.8
1.0s 156.00nm 5.9mb
HAM 70.53 342 iPc 18 59.20 1.5
EKA 70.59 350 Pd 18 58.70 0.6
1.0s 290.60nm 6.2mb
MTN 70.80 210 eP 19 00.00 0.2
TSI 70.84 249 ePc 19 01.00 0.9
BRN 70.87 340 iPc 19 00.50 0.7
BHO 70.90 58 iPc 18 59.90 -0.4
MNT 71.00 37 iP 18 59.60 -1.1
1.0s 140.00nm 5.8mb
BSI 71.02 253 eP 19 01.50 0.3
PSI 71.30 248 ePc 19 02.70 -0.2
0.7s 114.40nm 5.9mb
JCT 71.40 64 iP 19 03.10 -0.4
Z 22s 2.96um 5.5Msz
HYB 71.44 274 ePc 19 02.00 -1.8
0.6s 269.90nm 6.4mb
RSNY 71.49 38 P 19 02.30 -1.4
1.0s 9.00nm 4.7mb X
Z 20s 1.86um 5.3Msz
KRA 71.50 334 iPc 19 03.60 -0.1
1.4s 385.00nm 6.1mb
Z 18s 7.40um 6.0Msz
N 18s 3.80um
E 18s 4.50um
i 19 18.00 21kmX
i 19 13.40
i 19 23.90
KSP 71.67 337 eP 19 04.00 -0.7
1.0s 352.00nm 6.2mb
ic 19 05.00 3kmX
eS 28 21.00
WIT 71.73 344 iPc 19 05.20 0.3
e 19 16.00 35kmX
CLL 71.96 339 iPc 19 05.90 -0.5
eS 28 24.00
SKLY 72.09 38 P 19 06.10 -1.1
BRG 72.17 338 iPc 19 07.70 0.1
1.2s 400.00nm 6.2mb
i 19 23 00 55km
eS 28 28.00
SPC 72.22 334 iPc 19 08.40 0.2

WTS 72.49 343 iPc 19 09.00 -0.5
1.1s 750.00nm 6.5mb
e 19 22.50 47kmX
TAB 72.52 311 eP 19 10.00 -0.1
CLI 72.58 328 iPd 19 10.00 -0.1
PPE 72.77 328 ePd 19 10.00 -1.2
JOS 72.78 333 iPc 19 11.50 0.3
1.4s 33.50nm 5.1mb X
MIM 72.82 34 P 19 11.00 -0.5
PRU 72.87 338 iPc 19 12.00 0.3
1.0s 294.80nm 6.2mb
Z 17s 3.30um 5.7MszX
N 17s 2.40um
E 17s 1.00um
S 28 37.50
IR5 72.87 306 iPc 19 11.90 -0.3
MOX 72.88 340 iPc 19 11.50 -0.3
1.5s 798.00nm 6.4mb
Z 20s 2.60um 5.5Msz
N 20s 1.10um
E 16s 1.50um
eS 28 35.00
DLE 72.93 352 iPc 19 12.00 0.0
1.0s 560.00nm 6.4mb
DCN 72.93 352 iPc 19 12.00 0.0
0.8s 175.00nm 6.0mb
PPI 73.12 245 eP 19 11.00 -2.6
HOF 73.14 340 iPc 19 13.60 0.3
TRT 73.20 230 ePc 19 13.50 -0.5
1.0s 554.60nm 6.4mb
POO 73.35 279 iPd 19 15.00 0.0
0.9s 88.24nm 5.7mb
iS 21 28.00
VRI 73.36 328 iPc 19 15.00 0.3
BNS 73.42 343 iPc 19 15.20 0.3
1.3s 550.00nm 6.3mb
PLH 73.44 343 ePc 19 15.10 0.2
PSZ 73.48 334 iPc 19 16.20 0.8
1.2s 134.10nm 5.7mb
JCK 73.48 343 ePc 19 15.30 0.1
ETA 73.49 352 iPc 19 15.20 0.0
1.5s 755.00nm 6.4mb
CFR 73.51 327 iPc 19 15.00 -0.5
BRD 73.57 328 ePc 19 18.00 2.1X
BOM 73.68 280 iPd 19 16.50 -0.3
MSR 73.79 330 eP 19 17.00 -0.2
ENN 73.83 344 iPc 19 16.20 -1.0
1.1s 1268.00nm 6.8mb
e 19 34.00 65km
ECB 73.86 352 iPc 19 17.40 0.0
GRF 73.86 340 iPc 19 18.30 0.8
1.3s 1232.00nm 6.7mb
Z 20s 2.90um 5.6Msz
KHC 73.89 338 iPc 19 18.00 0.3
1.0s 324.50nm 6.2mb
Z 15s 1.40um 5.4MszX
N 16s 0.90um
E 16s 1.30um
e 19 36.30 67km
e 20 18.50
TNS 73.90 342 iPc 19 18.40 0.6
KOU 73.93 176 iPc 19 18.20 0.1
ZST 73.94 335 iPg 19 19.30 1.4
MLR 73.94 329 iPd 19 17.00 -1.2
MEM 73.96 343 iPc 19 18.20 0.2
SRO 73.99 335 iPc 19 19.50 1.3
N 18s 2.50um
E 18s 2.00um
ECP 74.01 352 iPc 19 18.20 -0.1
1.2s 725.00nm 6.5mb
WET 74.03 339 iPc 19 19.10 0.6
eS 28 52.00
UCC 74.05 345 Pc+ 19 18.00 -0.6
VKA 74.07 336 iPc 19 19.30 0.6
2.5s 858.00nm 6.2mb
Z 15s 1.70um 5.5MszX
ISR 74.07 328 iPd 19 20.00 1.2
TLB 74.08 327 iPc 19 18.00 -0.8
BUD 74.11 334 iPc 19 19.80 0.9
KNA 74.26 212 iPc 19 21.10 1.0
RSCP 74.41 51 P 19 20.30 -0.7
pP 19 36.50 58km
CTA 74.42 194 iPc 19 20.70 -0.3
0.9s 119.75nm 5.8mb
i 28 51.00
DOU 74.70 344 Pc 19 22.70 0.4
i 19 23.30 2kmX

GMTN	74.78	40	eP	19	22.20	-0.7	DST	78.32	324	iP	19	42.20	-0.6				eS	30	50.00				
KMR	74.78	337	iP+	19	23.00	0.2	ORO	78.40	341	eP	19	43.00	-0.2				eSS	37	25.00				
PSN	74.84	326	iPc	19	26.00	2.8X		0.4s	4000.00nm				7.7mb X	STK	86.71	196	iPc	20	26.60	0.7			
WLF	74.85	343	iPc	19	24.00	0.8	BGF	78.41	344	iPc	19	43.60	0.4		0.8s	66.00nm				5.9mb				
BUC	74.86	328	ePc	19	20.00	-3.3X	SKO	78.50	330	iPc	19	44.40	0.7	PRL	86.86	351	iPc	20	27.30	0.3			
GBA	75.08	273	Pd	19	22.00	-3.0X	TTG	78.71	332	iP	19	44.80	0.0	MTH	87.44	352	iPc	20	30.50	0.9			
	0.8s	691.00nm				6.6mb	VAY	78.76	329	iPc	19	45.40	0.3	YOU	88.16	190	iPc	20	34.00	1.2			
KER	75.22	308	eP	19	24.00	-1.8	MZF	78.79	345	iPc	19	46.00	0.8	CRZ	88.31	170	P	20	35.00	1.5			
GWF	75.25	342	eP	19	25.20	-0.4	MFF	78.82	347	iPc	19	46.00	0.7	CRT	88.53	347	iP	20	36.00	1.0			
FUR	75.30	339	iPc	19	26.60	0.7	PLDF	78.86	344	iPc	19	47.30	1.6	CAN	89.13	189	iPc	20	38.70	1.2			
	1.1s	652.00nm				6.5mb	EZN	78.91	326	iPd	19	45.00	-0.9	WAM	90.00	189	iPc	20	34.60	-6.9X			
MSL	75.34	312	ePd	19	25.50	-0.7	LSF	78.92	345	iPc	19	46.40	0.5	GCM	90.08	56	P	20	42.75	0.4			
			eS	29	20.00		PYM	79.17	344	iPc	19	49.00	1.6	ADE	90.22	198	iPc	20	43.20	0.6			
BLA	75.37	46	iPc	19	26.20	-0.3	RTB	79.36	312	iPd	19	49.50	1.0		0.9s	43.70nm				5.8mb			
	1.0s	244.00nm				6.1mb				e	20	18.00	111kmX	TAF	90.70	346	iP	20	45.00	-0.2			
BHG	75.37	338	iPc	19	27.20	0.9				eSKS	29	41.00					i	20	56.00	35kmX			
BUH	75.43	341	eP	19	21.80	-4.8X				eS	30	03.00		MRWA	91.07	218	iPc	20	46.00	-0.6			
NOU	75.77	174	iPc	19	29.50	0.8	PRK	79.45	326	iPc	19	58.50	9.7X	TOO	91.74	192	eP	20	50.00	0.5			
CDF	75.86	342	iPc	19	29.40	0.3	OHR	79.48	330	iP	19	49.00	-0.1	KRP	92.09	168	P	20	51.80	0.8			
KBA	75.88	338	iPc	19	30.50	1.2				i	19	55.10	19kmX	KLB	92.60	215	eP	20	53.00	-0.5			
	1.1s	9999.00nm				7.7mb X				eS	29	45.00		MUN	93.49	217	eP	20	57.00	-0.6			
			ic	19	31.10	2kmX	BCK	79.51	322	iPd	19	48.70	-0.7	NWAO	94.00	215	eP	21	00.00	0.1			
			i	19	40.50		FOUF	79.69	341	P	19	51.70	1.7	ARO	96.42	299	iP+	21	12.20	0.5			
			i	22	13.70		RJF	79.84	345	iPc	19	51.40	0.5	BNG	113.98	318	iPKPd	26	22.00	0.2			
			e	29	19.00		IZM	79.87	324	iP	19	50.00	-1.2		0.9s	24.00nm							
			e	29	39.00		KZN	79.93	329	iPc	19	51.00	-0.5				id	27	11.00				
GAP	76.00	339	iPc	19	30.90	1.0	CAF	80.13	345	iPc	19	53.80	1.3				id	37	03.30				
	1.0s	329.00nm				6.2mb	IIC	80.19	70	ePc	19	55.00	1.4	KIC	118.97	343	ePKP	26	31.30	0.1			
ISQ	76.20	200	iPc	19	30.90	-0.3	LFF	80.32	346	iPc	19	54.60	1.2		0.8s	64.00nm							
	0.7s	57.00nm				5.6mb	OXM	80.32	71	iPc	19	53.50	-0.8	ARE	125.31	68	ePKP	26	44.00	0.3			
SLE	76.25	341	eP+	19	31.60	0.4	AQU	80.32	336	iP	19	54.70	1.1	MTD	126.10	293	iPKPc	26	45.00	0.0			
PVL	76.29	328	iPc	19	32.00	0.5		0.8s	0.35nm				3.3mb X	LSZ	126.70	297	iPKPd	26	48.00	1.8X			
SHI	76.41	302	iPc	19	32.50	-0.1	ASPA	80.34	205	iPc	19	54.20	0.5	KRI	127.21	295	iPKPc	26	47.00	-0.2			
HAU	76.42	342	iPc	19	32.40	0.2		1.1s	213.00nm				6.0mb	LPB	127.22	65	PKP	26	48.50	1.0			
BSF	76.50	342	iPc	19	32.80	0.0				eSKS	30	02.00					eLR	10	32.00				
ZUL	76.54	341	eP+	19	33.60	0.7				eSS	41	22.00		BUL	130.46	293	iPKPc	26	53.00	-0.3			
SAX	76.57	340	eP+	19	34.30	0.9	ELL	80.40	322	iPc	19	53.90	-0.3				iPP	30	14.40				
LJU	76.57	336	iPc	19	33.40	0.4	RMO	80.41	191	iPc	19	55.10	1.1	SBA	131.25	178	iPKPd	26	53.30	0.4			
OGA	76.59	339	iPc	19	32.50	-0.9		1.0s	371.00nm				6.3mb	SOB1	132.48	29	ePKP	26	57.20	0.1			
	1.0s	271.00nm				6.2mb	MNS	80.46	336	iPc	19	54.60	0.4		1.3s	17.60nm							
DMK	76.64	326	iPc	19	33.30	-0.2	LPO	80.50	345	iPc	19	55.60	1.2	ITR	132.73	26	ePKP	26	44.00	-13.6X			
WB2	76.66	205	iPc	19	33.00	-0.7		1.5s	685.60nm				6.4mb				e	26	57.50				
			i	19	59.50	102kmX	YER	80.64	323	iPc	19	55.90	0.5	YJA	133.22	66	e(PKP)	26	43.00	-15.8X			
WRA	76.66	205	Pd	19	33.80	0.1	BHL	80.65	316	PKP	19	56.00	0.5	EVA	135.23	288	e(PKP)	26	58.00	-4.2X			
	1.3s	324.50nm				6.1mb				pPKP	30	31.00			1.0s	44.00nm							
VOY	76.74	337	ePc	19	33.80	-0.3	FRF	80.65	341	iPc	19	56.00	0.8				i	27	03.50				
			i	19	53.80	74kmX		1.3s	338.40nm				6.1mb	BPI	135.57	289	e(PKP)	26	48.00	-14.9X			
FLN	76.74	347	iPc	19	33.70	-0.2	CSS	80.66	318	eP	19	55.50	0.0				i	26	58.00				
	1.0	312.50nm				6.2mb	DUI	80.71	335	iPc	19	56.70	1.2	BAO	136.02	41	ePKP	26	51.20	-12.7X			
LDF	76.86	347	iPc	19	34.40	-0.2		1.0s	230.00nm				6.1mb				e	27	03.80				
OSS	76.95	340	eP+	19	36.50	1.2	IIP	80.71	70	ePc	19	58.00	1.7	BFS	136.83	289	e(PKP)	26	51.50	-13.7X			
LLS	77.01	340	eP+	19	36.70	1.0	BRT	80.72	333	eP	19	56.20	0.6		0.9s	63.87nm							
CTT	77.01	325	iPc	19	35.30	-0.2		7.2s	0.53nm				2.6mb X				i	27	05.00				
TRI	77.07	337	e(P)	19	35.90	0.1	LRG	80.80	341	iPc	19	57.20	1.2	VIR	137.69	288	ePKP	26	56.50	-10.3X			
			e(PP)	22	36.00			1.0s	281.20nm				6.1mb				i	27	08.00				
			e(S)	29	18.00		LMR	80.89	341	iPc	19	57.40	0.9	BLF	138.86	288	e(PKP)	27	01.50	-7.4X			
			e(SS)	34	34.00		TPM	80.92	70	iPc	19	58.00	0.8		0.5s	21.62nm							
			e(SSS)	38	00.00		LCI	81.02	332	eP	20	07.60	10.4X				i	27	10.10				
PRM	77.14	49	P	19	36.10	-0.3		0.7s	190.00nm					MDZ	139.50	80	ePKP	27	10.60	0.8			
DIM	77.15	327	iPd	19	36.00	-0.3	CVF	81.15	339	iPc	19	58.40	0.5	VAO	143.04	45	ePKP	27	11.80	-4.6X			
GRR	77.16	347	iPc	19	36.60	0.4	III	81.18	71	iPc	19	59.00	0.4				e	27	19.40				
CTI	77.23	338	iPc	19	36.20	-0.6	ATH	81.45	327	iPc	19	59.00	-0.4				e	27	34.00				
VDL	77.28	340	eP+	19	38.60	1.4	SGO	81.53	334	eP	20	00.50	0.7				e	27	40.90				
BHD	77.37	310	iPd	19	37.00	-0.6	RUV	81.70	130	eP	20	03.00	2.1				e	30	26.20				
			e	20	37.00	254kmX		1.2s	35.00nm				5.2mb	SPA	143.43	180	iPKPc	27	11.80	-4.0X			
PLD	77.38	328	eP	19	38.00	0.5	ORI	81.70	333	eP	20	02.50	1.8		1.0s	161.50nm							
VTS	77.40	329	iPc	19	38.00	0.4		1.2s	1200.00nm				6.7mb				e	30	49.90				
LPF	77.53	347	iPc	19	38.80	0.5	EPF	82.24	345	iPc	20	04.60	1.0	SYO	149.29	217	iPKP	27	29.80	4.7X			
LOR	77.56	344	iPc	19	38.60	0.1	VLS	82.25	329	iPc	20	03.50	-0.1	SNA	161.53	198	e(PKP)	27	41.00	0.1			
	1.4s	816.90nm				6.5mb	MBL	82.33	218	iPc	20	04.00	-0.1		S.D. = 0.9		on 318 of 349 obs.						
KDZ	77.59	327	iPc	19	39.00	0.3	LGR	83.20	347	iPKP	20	11.00	2.5X										
GRC	77.66	345	iPc	19	39.60	0.6	NPS	83.27	324	iPc	20	03.50	-5.5X	* MAY 19, 1985 08h 41m 08.92± 0.90s									
			i	19	50.10	34kmX	STS	83.42	352	eP	20	10.30	0.7	16.417 N ± 8.6km 120.883 E ±10.5km									
KOD	77.72	271	iPc	19	39.80	-0.4	VHO	83.63	70	iPd	20	14.00	2.7X	DEPTH = 13.3 ± 5.4 km									
	1.0s	864.00nm				6.7mb	COO	84.17	187	iPd	20	14.80	1.4	4.7mb (5 obs.)									
MFT	77.73	326	iPc	19	39.40	-0.2	GIB	84.29	334	eP	20	13.10	-1.1	LUZON, PHILIPPINE ISLANDS (249)									
LBF	77.81	344	iPc	19	39.80	-0.1		0.6s	280.00nm				6.5mb	Felt (III RF) at Baguio.									
SSF	77.82	344	iPc	19	40.20	0.3	EBR	84.38	345	eP	20	16.00	1.5										
SAL	77.89	339	eP	19	41.00	0.7				eS	30	42.00		BAG	0.29	269	iPc+	41	15.00	-0.3			
	0.7s	470.00nm				6.6mb	WBN	84.70	210	iPc	20	17.10	1.0	MAN	1.76	174	iP	41	41.00	1.8			
EDC	77.92	325	iPc	19	40.70	0.2		0.5s	31.00nm				5.6mb				eS	42	06.00				
MMK	77.99	341	eP+	19	42.50	1.3	NAU	85.23	221	eP	20	19.50	0.7	PIP	1.92	352	iPd	41	40.00	-1.5			
DIX	78.07	341	eP+	19	42.90	1.3	CMS	85.70	193	eP	20	21.00	0.1				iS	41	56.00				
AVF	78.10	344	iPc	19	42.00	0.6	MTE	85.80	351	iPc	20	22.70	1.0	HKC	8.62	314	eP	43	11.50	-4.8X			
MMB	78.16	328	iPc	19	42.00	0.1	TOL	85.93	348	eP	20	24.00	1.7				eS	44	46.60				
SMF	78.17	344	iPc	19	42.20	0.4				ipP	20	37.00	43kmX	GYA	16.57	309	eP	45	03.40	0.7			
EMS	78.17	342	eP+	19	42.90	0.8				ePP	22	55.00		TIA	20.00	351	eP	45	43.20	-0.8			

19d 08h

XAN	20.58	331	P	45	51.80	1.6
BDT	20.96	275	eP	45	59.00	4.9X
CHG	21.04	280	eP	45	55.00	0.0
CD2	21.27	316	P	45	57.00	-0.3
BJI	23.89	351	eP	46	22.50	-0.5
MAT	25.26	3	(P)	46	37.00	0.7
WRA	38.48	159	Pd	48	30.60	-1.9
	0.8s	4.40nm			4.2mb	
WB2	38.48	159	eP	48	31.00	-1.5
G8A	42.00	272	P	49	02.00	0.3
KJF	76.74	333	eP	53	02.00	0.7
SUF	77.71	332	iP	53	07.70	1.0
	0.8s	2.40nm			4.3mb	
NUR	78.90	330	eP	53	14.00	0.8
INK	80.53	21	eP	53	23.00	1.1
DAG	83.98	351	iPd	53	36.50	-3.2X
	0.3s	3.90nm			5.1mb	
SLL	84.23	332	ePKP	53	39.80	-1.4
	0.5s	5.50nm			5.0mb	
NB2	84.94	333	P	53	42.20	-2.6
	1.1s	6.00nm			4.7mb	
YKA	90.21	22	eP	54	12.20	2.0
S.D. = 1.4 on 20 of 23 obs.						

MAY 19, 1985 08h 50m 35.29± 0.59s
3.419 N ± 4.1km 124.117 E ± 5.5km
DEPTH = 386.8 ± 6.4 km
5.1mb (27 obs.)
CELEBES SEA (262)

CGP	5.04	7	IPc	51	55.50	-2.1
AAI	8.15	150	ePd	52	31.90	-0.7
			eS	53	52.00	
KKM	8.30	289	ePc	52	33.10	-1.3
MKS	9.75	206	iPd	52	50.60	-0.7
OCP	11.54	345	eP	53	30.00	17.5X
MAN	11.56	345	iP	53	12.50	-0.3
BAG	13.37	345	eP	53	32.50	-0.9
MTN	17.60	157	eP	54	16.00	-1.4
			eS	57	27.00	
KGM	20.82	267	ePc	54	50.90	1.9
	0.9s	182.30nm			5.5mb	
IPM	23.06	274	ePd	55	10.60	0.5
	0.9s	30.40nm			4.7mb	
PPI	24.02	261	eP	55	17.20	-1.6
	0.7s	47.20nm			5.0mb	
PSI	25.17	269	iPd	55	29.50	0.3
	1.2s	14.10nm			4.2mb	
WRA	25.30	157	Pc	55	28.30	-2.1
	0.4s	38.10nm			5.2mb	
WB2	25.30	157	iPc	55	28.00	-2.4
			ePcP	58	51.80	
			eS	59	24.20	
NNT	25.78	292	eP	55	35.10	0.3
NST	26.56	299	eP	55	42.00	0.2
NAU	27.14	198	eP	55	46.70	-0.2
KHT	27.58	296	eP	55	51.80	1.0
BDT	28.21	301	eP	55	57.00	0.7
	0.6s	60.70nm			5.1mb	
ASPA	28.56	161	iPd	55	58.30	-1.1
	0.3s	96.00nm			5.6mb	
			ePcP	57	14.00	
			eS	00	18.00	
CHG	28.98	304	iPd	56	04.00	0.8
	0.8s	42.91nm			4.8mb	
CHTO	28.98	304	iP	56	04.00	0.9
	0.9s	53.28nm			4.9mb	
			e	57	14.00	
WBN	29.48	176	iPd	56	07.30	-0.1
	0.4s	46.00nm			5.2mb	
KMI	29.81	318	eP	56	11.00	0.4
CTA	31.91	138	iPd	56	28.60	0.1
	1.0s	15.00nm			4.3mb	
BAL	34.57	191	eP	56	50.00	-0.8
KLB	35.34	189	iPd	56	57.10	-0.2
MAT	35.43	20	iPd	56	56.90	-1.1
	0.8s	67.16nm			5.0mb	
MUN	36.00	191	eP	57	03.00	0.2
NWAO	36.73	190	eP	57	09.00	0.1
BJI	37.16	350	eP	57	12.00	-0.3
			e	59	24.00	
LZH	37.51	353	iPc	57	17.50	2.0X
	1.5s	229.00nm			5.3mb	
PAS	37.88	196	eP	57	24.00	5.6X
SHL	37.99	308	eP	57	12.50	-7.1X
STK	38.84	156	eP	57	26.00	-0.2
	0.4s	62.00nm			5.3mb	

ADE	40.57	161	ePc	57	26.30	-14.1X
	0.8s	85.07nm				
BFD	43.88	159	iPd	58	07.60	0.8
YOU	43.91	151	eP	58	08.40	1.3
CAN	45.05	151	eP	58	17.10	0.9
			i	59	51.30	
TOO	45.36	156	eP	58	20.00	1.5
WAM	45.70	152	eP	58	22.80	1.7
KOD	46.77	281	eP	58	30.00	-0.1
HYB	46.77	291	eP	58	30.00	0.2
	1.0s	180.00nm			5.3mb	
GBA	47.18	285	Pd	58	32.00	-0.8
	0.6s	91.70nm			5.3mb	
NDI	51.13	305	iPd	59	01.70	-0.8
	0.8s	97.01nm			5.2mb	
			eS	05	48.50	
POO	51.38	291	iPc	59	04.00	-0.5
TCW	63.66	140	P	00	28.30	-0.4
MHI	67.63	308	iPd	00	54.20	0.2
	1.0s	72.00nm			5.4mb	
IR5	74.59	305	iPd	01	35.20	0.1
TTA	82.36	27	eP	02	17.50	1.6
MAW	82.57	200	eP	02	18.00	1.2
BRW	83.29	19	eP	02	22.60	2.2X
KDC	83.59	32	eP	02	23.60	1.6
IMA	83.72	24	eP	02	24.40	1.6
PMS	85.25	29	eP	02	29.20	-1.1
COL	86.11	25	eP	02	34.00	-0.4
	0.7s	6.85nm			4.6mb	
FBA	86.11	25	eP	02	33.60	-0.8
KJF	89.74	334	iP	02	51.00	-0.4
	0.5s	16.80nm			5.2mb	
SOD	89.75	337	iP	02	50.70	-0.8
SUF	90.64	333	iP	02	54.80	-0.8
	0.3s	5.70nm			5.0mb	
INK	91.41	21	eP	02	59.00	-0.1
NUR	91.70	331	iP	03	00.10	-0.4
	0.9s	16.90nm			5.0mb	
MBC	92.82	12	eP	03	06.00	0.5
MTD	93.40	253	eP	03	09.00	-0.3
UPP	95.27	331	iP	03	15.90	-1.0
BUL	96.33	250	iPc	03	22.60	0.0
	0.8s	7.09nm			4.9mb	
VAY	96.40	312	eP	03	21.40	-1.0
JOS	96.41	319	eP	03	22.20	-0.1
HFS	97.07	332	eP	03	23.30	-1.7
	0.5s	3.50nm			4.9mb	
DAG	97.22	352	iPc	03	24.40	-1.1
	0.6s	9.33nm			5.2mb	
NB2	97.89	333	P	03	27.80	-1.0
	0.7s	4.40nm			4.9mb	
BRG	99.92	323	iP	03	38.90	0.8
	1.0s	12.00nm			5.3mb	
KHC	100.68	321	Pdiffc	03	42.50	0.9
YKA	100.85	24	ePdiff	03	43.50	1.6
BSF	105.37	322	ePKP	08	29.90	15.6X
ALQ	119.15	47	ePKP	08	42.00	0.9
	0.9s	7.14nm				
SCH	121.27	7	ePKP	08	44.00	-0.2
TUL	125.95	40	ePKP	08	54.70	0.8
	1.3s	18.10nm				
JCT	126.22	48	iPKP	08	56.00	1.4
RLO	126.28	39	ePKPc	08	54.70	0.2
BHO	127.48	41	ePKP	08	57.50	0.7
	0.8s	1.70nm				
KIC	128.02	281	ePKP	08	59.20	0.8
GCM	146.26	47	ePKP	09	34.75	3.3X
LPB	162.28	138	ePKP	09	57.00	3.7X
Z 22s		1.11um				
			LR	22	49.00	
SOB1	164.04	248	ePKP	09	56.20	1.6
			e	10	51.10	
S.D. = 1.0 on 76 of 85 obs.						

• MAY 19, 1985 09h 24m 25.29± 0.75s
42.558 N ± 6.4km 13.480 E ± 9.9km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
DUR 3.3 (KBA).

AQU	0.21	196	iPgc	24	30.00	0.1
			iSg	24	32.00	
MNS	0.62	254	ePg	24	37.60	-0.1
			eSg	24	43.50	
DUI	1.15	141	ePg	24	55.50	8.6X
			eSg	25	10.60	
SGO	2.42	145	ePn	25	05.50	0 0

CEY	3.25	12	eP	25	40.50	23.1X
			eSn	26	09.70	
ORI	3.36	137	e(Pn)	25	28.00	9.2X
VOY	3.49	5	e(Pn)	25	21.00	0.3
			e	25	42.00	
			e	26	08.30	
			i(Sg)	26	37.40	
LJU	3.57	12	ePn	25	21.50	-0.3
			e	25	39.50	
			eSn	26	18.50	
CTI	3.73	340	ePn	25	32.80	8.6X
LCI	4.03	122	e(Pn)	25	48.00	19.7X
KBA	4.52	359	e(Pn)	25	43.50	8.0X
			i	26	06.50	
			i(Sn)	26	44.20	
S.D. = 0.3 on 5 of 11 obs.						

% MAY 19, 1985 10h 55m 25.77± 0.96s
39.132 N ± 7.7km 27.640 E ± 9.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.79	202	IPg	55	41.00	-0.2
			ISg	55	56.00	
DST	0.90	58	IPn	55	43.20	0.1
EDC	1.23	8	ePn	55	47.00	-1.6
EZN	1.23	305	IPn	55	49.00	0.4
KCT	1.25	26	IPn	55	49.80	0.9
KGT	1.34	349	IPn	55	50.80	0.3
S.D. = 1.1 on 6 of 6 obs.						

? MAY 19, 1985 11h 25m 24.72± 9.36s
10.816 S ±34.6km 40.496 E ±120.km
DEPTH = 10.0km (geophysicist)
TANZANIA (573)

TET	8.56	231	iPc	27	32.00	0.3
			iSn	29	11.00	
			i	29	29.00	
			iSg	30	06.00	
NAI	10.16	339	eP	27	54.00	0.0
	1.0s	35.00nm			5.7mb	
MTD	10.49	235	iPn	27	58.00	-0.4
			iSn	29	56.00	
KRI	12.14	239	IPn	28	21.00	0.1
			iSn	30	35.00	
			iSg	31	45.00	
BUL	14.73	230	IPn	28	55.10	-0.1
			eSn	31	41.20	
			iLg	33	18.50	
S.D. = 0.3 on 5 of 5 obs.						

• MAY 19, 1985 11h 32m 22.93± 0.54s
10.813 S ±13.4km 41.365 E ±11.1km
DEPTH = 10.0km (geophysicist)
4.7mb (5 obs.)
NORTHWEST OF MADAGASCAR (574)

TET	9.24	234	IPn	34	19.00	-20.3X
			iPg	34	40.00	
			iSn	36	15.00	
			iSg	37	12.00	
MTD	11.20	237	iPn	35	05.00	-1.3
			i	35	14.00	
			iSn	37	03.00	
			iSg	38	06.00	
KRI	12.88	241	iPn	35	28.00	-1.0
			iSn	37	45.00	
			iLg	39	00.00	
BUL	15.39	231	IPn	36	02.00	0.0
			eSn	38	45.00	
			iLg	40	10.60	
BLF	23.08	216	eP	37	31.00	1.0
WIN	25.97	240	eP	37	41.00	-16.8X
BNG	27.30	303	IPc	38	11.50	1.6
			ic	38	28.90	
DMN	57.05	47	eP	42	11.40	-0.7
PKI	57.24	47	eP	42	11.80	-1.8
	0.8s	5.00nm			4.6mb	
KKN	57.28	47	eP	42	12.90	-0.7
	0.7s	6.00nm			4.7mb	
CHTO	63.95	63	iP	42	59.00	0.0
	0.8s	6.41nm			4.9mb	
			e	43	06.50	
KHC	64.51	340	P	43	02.00	-0.1
SUF	74.25	353	iP	44	02.40	0.8
	0.6s	1.90nm			4.3mb	

SPA 79.26 180 e(P) 44 33.90 4.0X
WRA 89.13 110 Pc 45 21.50 1.0
0.7s 3.40nm 4.7mb
WB2 89.14 110 eP 45 21.70 1.1
YKA 125.57 347 ePKP 51 28.80 3.1X
EUR 145.05 329 iPKP 52 04.50 1.6X
1.0s 4.23nm
S.D. = 1.1 on 13 of 18 obs.

• MAY 19, 1985 11h 58m 09.21± 2.95s
44.906 N ±27.7km 9.714 E ± 8.9km
DEPTH = 33.0km (normal)
NORTHERN ITALY (545)

SAL 0.91 39 ePn 58 25.50 -0.1
VDL 1.59 354 ePd 58 35.90 0.3
MMK 1.68 314 eP+ 58 37.10 0.2
CTI 1.78 49 ePn 58 38.00 -0.2
OSS 1.81 9 ePd 58 39.40 0.7
DIX 2.00 307 ePd 58 42.60 1.0
EMS 2.28 302 eP+ 58 44.80 -0.6
SAX 2.36 354 ePd 58 47.40 0.7
SLE 2.98 344 ePd 58 53.30 -2.0
VOY 3.15 68 eP 58 50.00 -7.7X
eSn 59 31.00
KBA 3.34 48 eP 59 14.00 13.5X
i 59 45.00
i(Sg) 00 02.60
KHC 4.98 31 eP 00 02.40 38.7X
S.D. = 1.0 on 9 of 12 obs.

• MAY 19, 1985 12h 08m 20.10± 1.90s
50.682 N ±16.3km 9.898 E ±12.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

MOX 1.09 91 ePg 08 40.00 -0.7
iSg 08 55.00
GRF 1.31 139 ePn 08 44.90 0.6
ePg 08 45.30
e 09 04.50
eSg 09 05.40
HOF 1.32 105 iPgd 08 44.10 -0.3
CLL 2.06 71 iPg 08 55.80 0.6
iSg 09 21.40
BUH 2.28 209 ePn 08 58.20 -0.2
BRG 2.58 84 iPg 09 06.00 3.5X
eSg 09 38.00
KHC 2.84 122 Pg 09 12.00 5.6X
Sg 09 49.40
PRU 3.06 101 ePg 09 15.50 6.2X
eSg 09 57.00
S.D. = 0.8 on 5 of 8 obs.

• MAY 19, 1985 13h 33m 41.63± 0.94s
42.287 N ±10.2km 13.271 E ± 9.0km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

AQU 0.12 56 iPg 33 43.50 -1.2
iSg 33 45.50
MNS 0.45 283 ePg 33 50.70 -0.1
0.3s 280.00nm
DUI 1.08 125 ePg 34 02.60 0.6
eSg 34 17.00
SGO 2.31 138 ePn 34 20.00 -0.3
BRT 3.27 114 e(Pn) 34 37.50 3.6X
VOY 3.77 7 e(Pn) 34 43.00 1.9
eSn 35 51.00
CTI 3.94 343 ePn 34 42.50 -1.0
eSn 35 28.50
S.D. = 1.4 on 6 of 7 obs.

% MAY 19, 1985 13h 44m 54.42± 0.94s
39.153 N ± 7.4km 27.522 E ± 9.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.78 195 iPn 45 10.00 0.3
DST 0.97 62 ePn 45 12.20 -0.7
EZN 1.14 306 ePn 45 15.00 -0.8
EDC 1.22 12 iPn 45 17.70 0.6
KGT 1.31 353 iPn 45 19.20 0.6
S.D. = 1.0 on 5 of 5 obs.

• MAY 19, 1985 14h 08m 48.75± 0.37s
22.238 S ±10.6km 170.001 E ± 7.8km
DEPTH = 33.0km (normal)
5.1mb (6 obs.)
LOYALTY ISLANDS REGION (189)

NOU 3.29 268 iPc 09 39.50 0.3
iS 10 18.00
KOU 5.58 286 iPc 10 11.20 -0.5
iS 11 18.70
SGE 8.77 60 iPc 10 55.50 -0.9
eS 11 53.30
MNG 18.90 167 eP 13 09.00 -0.1
CTA 22.24 271 eP 13 53.00 8.6X
CMS 23.41 242 eP 13 58.00 2.3X
WB2 33.29 267 eP 15 24.30 -1.4
WRA 33.30 267 Pc 15 24.60 -1.2
0.6s 2.30nm 4.3mb
MTN 38.13 278 eP 16 06.00 -0.7
WBN 39.67 255 iPc 16 20.90 1.3
SBA 55.69 181 eP 18 21.90 -1.8
MAT 65.72 332 eP 19 29.00 -3.4X
1.0s 12.00nm 4.9mb
SPA 67.90 180 eP 19 46.90 0.8
1.0s 10.00nm 4.9mb
CN2 77.38 329 Pc 20 39.80 -2.1
KMI 80.46 302 eP 21 00.00 0.6
CHG 80.54 295 eP 21 01.00 1.3
XAN 80.65 313 P 20 59.60 -0.4
CD2 82.62 308 eP 21 10.50 0.2
GTA 89.69 313 P 21 45.10 0.1
EUR 92.35 48 iP 22 13.50 16.1X
PKI 95.49 297 eP 22 12.40 0.1
0.7s 6.00nm 5.1mb
KKN 95.68 298 eP 22 13.20 0.2
0.7s 8.00nm 5.3mb
DMN 95.76 297 eP 22 13.90 0.5
0.8s 13.00nm 5.4mb
JOS 144.27 325 ePKPd 28 20.90 -2.0
1.0s 13.30nm
KSP 144.85 331 iPKPc 28 21.50 -2.3
e 30 27.00
e 44 00.00
BRG 145.85 333 iPKPd 28 24.40 -1.1
0.9s 57.00nm
i 28 33.00
SRO 145.87 325 iPKPc 28 25.50 -0.1
e 42 55.50
e(S) 44 40.00
CLL 145.92 334 iPKPd 28 25.10 -0.5
1.0s 57.00nm
i 28 33.20
PRU 146.24 331 PKPd 28 25.80 -0.4
1.0s 20.20nm
e 28 34.00
ZST 146.25 327 iPKPc 28 26.50 0.3
e 28 35.00
e(S) 44 13.00
EKA 146.56 353 PKPc 28 25.60 -0.9
0.9s 13.10nm
VAY 146.68 312 ePKP 28 26.60 -0.5
WIT 146.91 341 ePKPd 28 28.00 0.9
e 28 36.50
MOX 146.99 335 iPKPc 28 28.00 0.7
1.0s 22.00nm
HOF 147.14 334 iPKPc 28 28.70 1.1
SKO 147.16 314 iPKPc 28 29.50 1.6
BNG 147.18 242 iPKPc 28 28.20 -0.6
0.8s 26.00nm
id 28 31.10
KHC 147.30 331 PKPd 28 29.00 1.1
1.0s 29.00nm
e 28 37.00
WTS 147.58 341 ePKPc 28 29.50 1.3
e 28 38.00
WET 147.60 332 iPKPc 28 30.10 1.7
GRF 147.89 334 iPKPc 28 31.00 2.2X
e 28 38.50
OHR 147.98 313 ePKP 28 31.00 1.7
KBA 148.88 328 i(PKP) 28 32.40 1.7
0.9s 7.60nm
ENN 148.92 340 ePKP 28 32.50 2.1X
1.0s 13.00nm
e 28 41.00
MEM 149.03 340 PKP 28 33.20 2.7X
WLF 149.80 339 iPKPc 28 36.00 4.3X
GWF 149.87 337 ePKP 28 35.20 3.3X
BUH 149.89 336 ePKP 28 35.60 3.6X
DOU 149.92 341 PKPc 28 35.60 3.7X
OGA 150.13 330 iPKPc 28 34.80 2.2X
SLE 150.52 334 ePKP+ 28 36.50 3.5X
SAX 150.58 333 ePKP+ 28 37.20 3.8X
OSS 150.66 331 ePKP+ 28 37.50 4.1X
LLS 151.02 333 ePKP+ 28 38.20 4.2X
MMK 152.11 333 ePKP+ 28 41.10 5.4X
DIX 152.32 333 ePKP+ 28 41.80 5.8X
MNS 152.38 322 e(PKP) 28 40.50 4.7X
S.D. = 1.2 on 38 of 57 obs

MAY 19, 1985 14h 40m 27.82± 0.48s
42.312 N ± 5.3km 13.314 E ± 3.8km
DEPTH = 12.5 ± 4.0 km
3.9mb (1 obs.)
CENTRAL ITALY (381)
ML 4.1 (TRI), 3.9 (KBA), 3.6 (LDG).

MNS 0.48 279 iPgc 40 38.20 0.6
0.7s 1100.00nm
DUI 1.07 127 ePg 40 47.00 -0.7
eSg 41 02.50
SGO 2.31 139 ePn 41 06.50 0.4
0.9s 950.00nm
BRT 3.25 115 iPnd 41 19.90 0.4
e(Sn) 41 58.00
ORI 3.27 133 ePn 41 23.20 3.4X
0.6s 170.00nm
CVF 3.30 276 Pn 41 21.40 1.1
Sn 42 01.50
TRI 3.41 5 ePn 41 20.90 -0.9
iPg 41 32.00
i 41 35.00
iSn 42 05.00
iSg 42 23.30
i 42 29.00
CEY 3.52 13 ePn 41 27.20 3.9X
i 41 34.80
iSn 42 04.80
VOY 3.74 6 ePn 41 26.90 0.3
i 41 35.80
i(Sn) 42 03.90
i(Sg) 42 31.90
LJU 3.83 13 ePn 41 29.20 1.4
e 41 39.00
eSn 42 13.90
HCY 3.84 86 ePn 41 28.00 0.0
eSn 42 14.50
SAL 3.86 330 e(Pn) 41 29.70 1.6
BRY 3.91 80 ePn 41 29.00 0.0
eSn 42 14.00
CTI 3.92 343 iPnc 41 29.60 0.5
eSn 42 14.50
LCI 4.01 118 ePn 41 32.30 2.0
0.6s ••••••••nm
TTG 4.41 86 iPnd 41 36.50 0.6
eSn 42 37.30
ULC 4.43 93 ePn 41 36.00 -0.3
eSn 42 26.00
KBA 4.77 0 ePn 41 42.00 0.8
iPg 42 01.50
i 42 02.80
iSn 42 37.40
i 42 42.10
iSg 43 04.80
i 43 09.30
OGA 4.84 341 iPnc 41 41.50 -0.8
OSS 4.93 334 eP+ 41 44.90 1.4
VDL 5.00 328 eP+ 41 47.50 3.0X
FRF 5.05 287 Pn 41 45.30 0.2
ORO 5.08 313 eP 41 46.00 0.5
LMR 5.11 284 Pn 41 45.60 -0.3
LRG 5.24 285 Pn 41 48.00 0.3
LLS 5.50 327 ePd 41 52.90 1.3
DIX 5.67 314 eP 41 57.30 3.2X
SAX 5.69 332 ePd 41 55.80 1.5
OHR 5.73 100 iPn 41 55.10 0.4
EMS 5.93 311 eP 42 00.90 3.3X
SKO 6.05 90 iPn 41 59.00 -0.2
ZUL 6.24 328 eP 42 02.10 0.3
VKA 6.32 19 iP 42 16.40 13.5X
i 42 51.20
SLE 6.43 330 eP 42 04.30 -0.3
GRC1 6.80 350 ePn 42 10.70 1.0
1.4s 26.00nm 5.1mb X
Z 20s 5.00um 4.8Msz

19d 14h

			e	42 26.60		
KHC	6.82	1	P	42 07.90	-2.2	
			e	42 12.60		
			e	42 26.10		
			e	43 24.00		
VAY	6.99	95	iPn	42 10.60	-1.7	
BSF	7.19	322	Pn	42 14.00	-1.3	
			Sn	43 32.20		
BUH	7.30	332	eP	42 17.00	0.3	
VTS	7.32	84	iPd	42 17.00	0.0	
CDF	7 43	327	Pn	42 17.20	-1.5	
			Sn	43 37.60		
HAU	7.52	322	Pn	42 18.40	-1.5	
			Sn	43 40.40		
PRU	7.73	6	eP	42 26.50	3.9X	
GWF	7.77	331	eP	42 22.00	-1.2	
MMB	7.80	92	eP	42 24.00	0.3	
SMF	8.04	305	Pn	42 27.40	0.3	
			Sn	43 53.30		
LBF	8.13	302	Pn	42 27.10	-1.3	
			Sn	43 56.90		
LOR	8.35	310	Pn	42 30.80	-0.7	
			Sn	44 02.40		
MOX	8.42	353	e(P)	42 44.00	11.7X	
CAF	8.57	292	Pn	42 34.60	0.1	
BRG	8.58	3	e(P)	42 47.00	12.5X	
BGF	8.61	303	Pn	42 33.00	-2.0	
PVL	8.77	81	iPc	42 37.00	-0.2	
KDZ	8.99	96	iPd	42 40.00	-0.3	
RJF	9.04	293	Pn	42 40.50	-0.5	
MLR	9.65	67	eP	42 50.00	0.4	
JMB	9.82	85	eP	42 50.00	-1.7	
DOU	9.85	325	P	42 18.00	-34.1X	
SUF	21.80	16	iP	45 21.10	0.0	
	0.6s		3.00nm		3.9mb	
KJF	23.44	16	eP	45 39.00	1.7	
	S.D. = 1.		on 50 of 60 obs.			

? MAY 19, 1985 14h 43m 45.17± 2.35s
10.561 S ±10.7km 40.652 E ±30.5km
DEPTH = 10.0km (geophysicist)
4.1mb (1 obs.)
TANZANIA (573)

TET	8.84	230	iP	45 57.00	1.0	
			eSn	47 35.00		
			iSg	48 24.00		
NAI	9.99	337	eP	46 11.00	-1.0	
	1.0s		35.00nm		5.8mb X	
MTD	10.76	234	iPnd	46 22.00	-0.6	
			i	46 38.00		
			eSn	48 30.00		
			iSg	49 30.00		
KRI	12.40	239	iPnd	46 44.00	-0.8	
			iSn	49 00.00		
			iLg	50 18.00		
LSZ	13.02	248	iP	46 53.40	0.3	
			iS	49 23.10		
			iLg	51 20.00		
BUL	15.01	229	iPn	47 18.10	-1.2	
			iLg	51 40.00		
SLR	19.11	216	eP	48 12.30	1.4	
BFS	20.86	217	e(P)	48 28.70	-1.3	
VIR	21.71	215	e(P)	48 39.00	0.4	
BLF	22.88	214	e(P)	48 43.50	-6.8X	
WIN	25.49	239	eP	48 59.00	-16.6X	
BNG	26.58	303	ePd	49 27.20	1.7	
	0.5s		2.00nm		4.1mb	
	S.D. = 1.3		on 10 of 12 obs.			

MAY 19, 1985 15h 01m 41.91± 0.43s
19.148 N ± 7.4km 64.814 W ± 7.6km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
VIRGIN ISLANDS (91)

SJG	1.63	231	iPc	02 08.10	-0.7	
SEG	4.17	130	ePc	02 46.80	2.0	
			S	03 32.00		
MGG	4.63	133	ePc	02 53.00	1.6	
MDN	5.02	139	eP	02 56.80	-0.1	
FDF	5.62	141	iPd	03 04.35	-1.1	
BIM	5.84	142	iP	03 07.26	-1.2	
MVM	5.91	140	iPd	03 08.88	-0.7	
CAR	8.83	194	ePn	04 04.00	13.6X	
TOV	10.48	208	eP	04 05.00	-8.1X	
BOG	17.03	213	eP	05 40.50	0.9	
RLO	31.50	309	eP	08 03.50	0.4	
TUL	31.97	308	e(P)	08 07.40	0.3	
	1.3s		16.60nm		4.8mb	
SOB1	36.74	138	eP	08 44.10	-4.2X	
ALQ	39.98	302	eP	09 15.20	-0.3	
	1.0s		6.75nm		4.4mb	
EDM	50.44	324	eP	10 38.50	0.2	
NEW	51.04	317	eP	10 43.00	0.0	
YKC	55.04	334	eP	11 12.00	-0.4	
YKA	55.10	334	eP	11 13.50	0.6	
KIC	59.69	94	iPc	11 44.90	-1.1	
	0.5s		24.00nm		5.6mb X	
INK	64.50	337	eP	12 17.00	-0.3	
	S.D. = 1.0		on 17 of 20 obs.			

MAY 19, 1985 15h 20m 42.49± 0.52s
33.836 S ± 7.5km 72.401 W ± 5.2km
DEPTH = 33.0km (normal)
4.6mb (7 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.83	98	iPd	20 57.60	-0.1	
TACH	1.23	82	iPd	21 03.20	-0.3	
CHCH	1.46	94	iPc	21 07.00	0.2	
SAN	1.50	76	iPc	21 07.50	0.1	
			iS	21 31.50		
PCH	1.59	83	iPd	21 08.70	0.0	
PEL	1.59	65	iP+	21 10.00	1.3	
			i(S)	21 44.60		
BACH	1.66	74	iPc	21 10.20	0.4	
FCH	1.83	75	iPc	21 12.90	0.4	
MDZ	3.12	73	eP	21 36.30	5.7X	
			iS	22 25.70		
RFA	3.39	107	ePd	21 35.80	1.4	
			S	22 30.40		
RTCV	3.80	60	ePc	21 41.50	1.3	
			S	21 46.00		
RTCB	3.84	53	ePc	21 42.20	1.5	
			S	21 49.00		
ZON	3.88	55	eP	21 40.00	-1.4	
CFA	4.15	59	ePd	21 46.10	0.9	
			S	22 58.10		
RTLL	4.15	54	ePc	21 46.00	0.8	
			S	22 52.70		
TCA	7.05	71	iPc	22 23.80	-2.2	
			S	23 58.00		
CYA	7.81	48	e(P)	23 32.00	55.3X	
			S	24 14.50		
SLA	10.89	35	ePd	23 13.60	-5.7X	
			S	26 06.00		
ARE	17.32	3	eP	24 45.00	1.3	
LPB	17.66	14	eP	24 48.00	-0.1	
			LR	30 30.00		
NNA	22.12	348	eP	25 37.50	0.6	
	1.2s		31.25nm		4.6mb	
VAO	24.77	71	eP	26 01.40	-1.3	
			e	26 07.10		
			i	26 11.10		
			e	26 17.20		
			e	26 25.00		
			e	33 37.40		
RDJ	27.80	75	eP	26 30.00	-0.6	
BAO	28.51	57	Pc	26 35.20	-2.0	
SOB1	37.93	57	eP	27 57.60	-1.2	
			e	28 04.90		
			e	28 09.00		
ITR	39.99	59	eP	28 14.30	-1.6	
	1.1s		9.60nm		4.5mb	
			e	28 21.80		
			e	28 26.30		
			e	28 30.80		
SNA	51.86	156	e(P)	29 49.50	0.2	
SPA	56.34	180	e(P)	30 22.80	0.3	
RSCP	70.17	349	eP	31 53.10	-0.6	
	1.0s		24.00nm		5.2mb	
BHO	71.06	340	eP	31 59.20	0.1	
	1.0s		4.20nm		4.5mb	
TUL	72.75	340	e(P)	32 07.70	-1.5	
	1.1s		14.40nm		4.9mb	
RLO	72.78	341	e(P)	32 08.40	-0.9	
KIC	75.32	72	eP	32 24.20	-0.3	
			e	32 30.80		
ALQ	75.49	332	eP	32 25.00	-0.3	
	1.0s		7.00nm		4.6mb	
EUR	83.35	328	iP	33 08.90	1.3	
	0.9s		3.64nm		4.5mb	
LRM	87.17	333	eP	33 27.60	1.1	
QUE	145.50	85	ePKP	40 19.80	0.6	
GBA	146.02	119	PKPc	40 20.90	0.7	
	0.3s		5.00nm			
POO	146.28	108	ePKP	40 23.00	2.4X	
PSI	147.98	163	ePKP	40 26.00	2.6X	
KGM	148.09	172	ePKP	40 26.00	2.4X	
HYB	149.27	115	ePKP	40 29.50	4.1X	
IPM	150.25	167	ePKPd	40 31.40	4.4X	
	S.D. = 1.1		on 35 of 43 obs.			

? MAY 19, 1985 15h 27m 06.85± 6.00s
10.529 S ±21.3km 40.788 E ±72.7km
DEPTH = 10.0km (geophysicist)
TANZANIA (573)

TET	8.97	231	eP	29 20.00	0.6	
			eSn	30 58.00		
			iSg	31 45.00		
			iLg	31 58.00		
NAI	10.01	336	eP	29 34.00	0.0	
	1.0s		25.00nm		5.6mb X	
MTD	10.89	234	iPn	29 45.00	-1.0	
			iSn	31 43.00		
			iSg	32 44.00		
KRI	12.53	239	iPn	30 08.00	-0.3	
			iSn	32 25.00		
			eLg	33 41.00		
LSZ	13.16	248	iP	30 17.00	0.4	
			iS	32 42.00		
BUL	15.13	229	iPn	30 42.80	0.2	
			iSn	33 31.00		
			iLg	34 59.90		
	S.D. = 0.7		on 6 of 6 obs.			

* MAY 19, 1985 16h 28m 35.21± 1.48s
34.101 N ±18.7km 135.102 E ± 8.6km
DEPTH = 5.0km (geophysicist)
NEAR S. COAST OF SOUTHERN HONSHU(233)
Felt (II JMA) at Wakayama.

WKY	0.14	23	iPc	28 38.00	0.0	
			iS	29 39.20		
SHK	2.05	283	iPd	29 10.80	0.0	
			iS	29 41.00		
MAT	3.52	45	iPd	29 31.30	-0.4	
			eS	30 14.00		
OYM	3.65	68	eP	29 32.70	-1.0	
SRY	3.75	65	eP	29 35.30	0.4	
DDR	3.85	59	eP	29 37.50	1.0	
TSK	4.61	61	eP	29 49.90	2.7X	
	S.D. = 0.8		on 6 of 7 obs.			

MAY 19, 1985 17h 42m 36.93± 0.50s
39.365 N ± 4.1km 25.472 E ± 4.5km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.5 (ATH).

PRK	0.63	101	iPgd	42 49.00	-0.6	
EZN	0.80	55	iPg	42 52.00	-0.5	
			iSg	43 04.00		
IZM	1.70	124	iPn	43 07.00	0.2	
KGT	1.78	52	iPn	43 08.10	0.2	
ATH	1.95	225	ePb	43 10.00	-0.5	
			ePg	43 25.00		
			eSg	43 42.00		
MFT	1.99	44	ePn	43 11.10	0.1	
EDC	2.09	61	iPn	43 12.20	-0.2	
KDZ	2.28	358	iPc	43 15.00	-0.1	
KCT	2.39	67	ePn	43 16.00	-0.8	
DST	2.45	83	iPn	43 18.20	0.5	
MMB	2.59	330	eP	43 20.00	0.4	
DIM	2.68	2	eP	43 21.00	0.2	
PLD	2.80	348	eP	43 25.00	2.5X	
CTT	2.88	51	iPn	43 23.60	-0.1	
VAY	2.96	312	iPn	43 33.00	8.3X	
KZN	3.00	289	ePb	43 17.00	-8.5X	
			eSn	44 00.00		
DMK	3.01	35	iPn	43 25.00	-0.5	
YER	3.14	134	ePn	43 27.90	0.5	
JMB	3.21	15	eP	43 28.00	-0.4	
ISK	3.23	57	ePn	43 30.00	1.4	
YLV	3.23	67	ePn	43 31.60	2.9X	
OHR	3.98	297	e(Pn)	44 16.70	37.4X	
SKO	4.02	312	ePn	43 45.00	5.1X	
			i	44 02.00		
MLR	6.13	3	eP	44 10.00	0.2	

S.D. = 0.5 on 18 of 24 obs.

MAY 19, 1985 18h 09m 15.60± 0.12s
30.253 S ± 2.5km 71.329 W ± 3.6km
DEPTH = 39.1km (36 depth phases)
5.9mb (67 obs.) 6.0Msz (30 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Ms 6.0 (BRK). Felt (VI) at Coquimbo, (V) at Paihuano and La Serena and (II) at Santiogo.
Felt also at Mendoza, Argentina.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=173 Dip=72 Slip= 82
NP2: 17 20 113
Principal Axes:
T Plg=62 Azm= 71
P 27 269
Comment: The focal mechanism is moderately well controlled and correspands to reverse faulting with a small right-lateral strike-slip component. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 45 No. of sta: 15
Moment Tensar; Scale 10**25 d-cm
Mrr= 3.08 Mtt= 0.07
Mff=-3.15 Mrt=-0.16
Mrf=-1.80 Mtf=-0.08
Principal axes:
T Val= 3.57 Plg=75 Azm= 98
N 0.06 2 2
P -3.63 15 272
Best Double Cauple:Mo=3.6*10**25
NP1:Strike=360 Dip=30 Slip= 87
NP2: 183 60 92
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 39C
Centroid Lacotion:
Origin Time 18:09:21.8 0.2
Lat 30.38S 0.02 Lan 71.81W 0.02
Dep 46.1 1.2 Half-duration 4.7
Moment Tensor; Scale 10**25 D-CM
Mrr= 2.34 0.04 Mtt= 0.11 0.05
Mff=-2.45 0.06 Mrt= 0.22 0.05
Mrf=-0.87 0.06 Mtf= 0.22 0.05
Principal Axes:
T Val= 2.50 Plg=79 Azm= 66
N 0.12 3 174
P -2.62 10 265
Best Double Cauple:Mo=2.6*10**25
NP1:Strike=359 Dip=35 Slip= 96
NP2: 172 55 86

RTCB	2.50	120	iPd	09	59.10	4.3X
ZON	2.62	120	eP	10	01.00	4.5X
RTLL	2.68	114	iPd	10	01.70	4.3X
RTCV	2.88	124	iPc	10	01.30	1.1
PEL	2.93	169	iP+	10	02.20	1.3
CFA	2.98	118	ePd	10	05.40	3.8X
			S	10	45.50	
BACH	3.17	167	iPc	10	05.40	1.1
FCH	3.19	164	eP	10	06.50	1.7
SAN	3.24	170	iPc	10	06.00	0.7
MDZ	3.37	142	iPd	10	10.90	3.7X
			i	10	26.00	
			iS	10	51.70	
TACH	3.41	175	eP	10	07.70	0.0
PCH	3.43	169	iP	10	08.50	0.5
LNV	3.69	181	iPc	10	10.00	-1.6
CHCH	3.71	171	iPd	10	12.00	0.0
RFA	5.11	153	eP	10	31.80	0.0
CYA	5.16	71	e(P)	10	35.40	3.0X
TCA	5.90	102	iPc	10	43.80	0.9
ANT	6.57	7	iP	10	48.30	-4.0X
	0.7s		82.19nm			5.6mb X
			iS	12	14.00	
SLA	7.56	45	iPd	11	07.80	1.6
			S	12	46.00	
YJA	9.60	34	eP	11	34.00	-0.7
BAA	11.68	115	P-	12	12.00	9.3X
			S	14	10.00	
LPA	12.21	116	eP-	12	08.00	-1.8
ARE	13.73	359	eP	12	31.00	0.8
LPB	13.97	13	ePc	12	32.00	-1.6

			i	12	36.20	
			(S)	15	18.00	
			LR	16	32.00	
NNA	18.88	343	iPc	13	35.50	0.0
	1.3s		192.31nm			5.2mb
			eS	17	00.00	
VAO	22.92	77	iPc	14	17.30	0.1
BAO	25.88	61	iPd	14	45.30	-0.4
			i	14	51.10	21kmX
			i	14	51.60	
RDJ	26.14	80	iP+	14	48.00	0.1
PSO	31.79	349	iP	15	40.50	1.4
AAS	33.00	169	iP-	15	48.70	-0.1
	0.9s		410.00nm			6.3mb
Z	21s		21.00um			5.8Msz
			e	16	22.00	156kmX
			e(S)	17	27.00	
GIE	34.45	325	iPd+	16	03.60	1.8
Z	21s		52.74um			6.2Msz
			iS	21	31.70	
BOG	34.78	355	iP	16	06.00	1.0
			iS	21	27.00	
SOB1	35.29	60	eP	16	08.20	-0.8
	1.2s		105.60nm			5.6mb
AIA	35.29	175	eP	16	08.40	0.0
BMG	37.15	357	eP	16	23.00	-1.7
ITR	37.44	62	eP	16	26.10	-1.1
UAV	38.64	0	eP	16	37.50	0.2
SDV	38.92	1	eP	16	38.80	-0.9
UPA	39.80	347	iPc	16	47.50	0.8
	1.0s		108.00nm			5.6mb
Z	20s		9.75um			5.6Msz
N	20s		6.03um			
E	20s		2.13um			
			i	16	50.00	8kmX
TOV	39.84	2	eP	16	46.50	-0.6
CAR	40.74	7	iPc	16	54.00	-0.6
	1.2s		312.50nm			5.9mb
TRN	41.77	15	iPc	17	02.50	-0.4
	1.4s		130.70nm			5.5mb
BIM	45.59	14	eP	17	31.99	-1.9
MVM	45.67	14	eP	17	33.05	-1.4
FDF	45.79	14	eP	17	33.34	-2.1
	0.4s		1.78nm			4.3mb X
CRM	45.86	14	eP	17	34.62	-1.3
MDN	46.30	13	eP	17	36.00	-3.4X
MGG	46.90	13	eP	17	40.00	-4.2X
PCJ	48.05	353	eP	17	54.44	1.3
STH	48.34	353	eP	17	57.35	1.9
SJG	48.34	7	iPc	17	53.00	-2.5
BBJ	48.69	352	eP	17	58.19	0.0
GCM	50.20	348	P	18	08.60	-1.0
VHO	53.18	329	iPd	18	32.00	-0.4
SNA	54.78	157	eP	18	41.70	-1.7
	1.2s		256.25nm			6.1mb
III	55.42	327	iPc	18	49.50	0.7
IIT	55.45	329	iP	18	51.30	2.2
TPM	55.76	328	iPc	18	52.50	1.3
IIP	56.01	328	ePc	18	55.00	1.8
IIM	56.11	328	iP	18	56.00	2.1
TAC	56.19	328	iP	18	49.00	-5.4X
OXM	56.32	327	iPc	18	56.00	0.5
IIC	56.53	328	ePc	18	58.00	1.1
SPA	59.91	180	iPc	19	18.40	-1.5
	0.7s		167.97nm			6.3mb
Z	22s		9.58um			5.9Msz
			e	19	30.10	40km
PRM	64.83	350	iP	19	51.10	-1.6
			epP	20	03.00	40km
JCT	66.19	333	iP	20	01.00	-0.6
	1.0s		100.00nm			5.8mb
Z	20s		2.31um			5.4Msz
TKL	66.60	349	P	20	02.00	-2.0
LTX	66.79	329	iP	20	04.80	-0.7
	1.0s		54.00nm			5.6mb
Z	20s		5.81um			5.8Msz
			ipP	20	16.50	39km
SBA	66.86	191	iPc	20	04.60	-0.6
	2.2s		1769.23nm			6.7mb
			i	20	19.00	51kmX
RSCP	66.86	347	eP	20	04.30	-1.4
			epP	20	16.50	41km
BLA	67.65	352	P	20	10.00	-0.7
BHO	68.02	339	iPc	20	12.00	-1.0
POW	68.64	343	P	20	15.00	-1.8
TBI	68.83	255	eP	20	20.00	1.7
	1.2s		160.00nm			5.9mb

SYO	69.10	159	iP	20	18.10	-1.2
TUL	69.72	339	iPc+	20	22.60	-0.8
	0.7s		353.70nm			6.5mb
Z	21s		2.94um			5.5Msz
N	23s		1.06um			
E	23s		0.93um			
			eS	29	24.00	
RLO	69.72	340	iPc	20	22.50	-0.9
OCO	69.90	337	ePc	20	23.50	-1.1
FVM	70.19	344	iP	20	25.00	-1.3
	1.0s		115.00nm			5.8mb
			epP	20	37.00	40km
RUV	70.62	263	iP	20	30.10	0.7
	0.8s		20.00nm			5.2mb
VAH	70.81	263	iP	20	31.30	0.8
	0.8s		25.00nm			5.3mb
GMTN	70.83	358	eP	20	29.80	-0.2
GMTN	70.83	358	iP	20	30.90	0.9
			i	20	41.50	34km
			i	20	48.00	
TPT	70.91	263	iP	20	32.20	1.0
	0.8s		35.00nm			5.4mb
TVO	71.06	260	iP	20	33.10	1.0
	0.8s		45.00nm			5.5mb
TBR	71.09	358	P	20	31.20	-0.4
PMO	71.14	263	iP	20	33.50	1.0
	0.8s		25.00nm			5.3mb
PAE	71.39	260	iP	20	35.00	1.0
	0.8s		55.00nm			5.6mb
PPT	71.43	260	iP	20	35.40	1.2
	0.8s		70.00nm			5.7mb
AFR	71.61	260	iP	20	36.40	1.1
	0.8s		30.00nm			5.3mb
UTO	72.44	350	iPd	20	39.00	-0.7
WVLY	72.67	354	P	20	40.00	-1.1
ALQ	72.81	330	ePc	20	41.40	-0.9
	1.5s		402.78nm			6.2mb
Z	20s		11.52um			6.2Msz
			epP	20	53.00	39km
KIC	73.35	72	iP	20	45.00	-0.6
CHI	73.35	347	P	20	44.50	-0.5
SKLY	73.90	358	eP	20	47.00	-1.1
			epP	20	59.00	40km
RSNY	74.50	358	eP	20	51.30	-0.3
	0.9s		92.44nm			5.8mb
Z	20s		3.39um			5.6Msz
			ipP	21	03.80	43km
MIM	75.16	2	eP	20	56.00	0.6
			epP	21	07.00	36km
GLA	75.22	323	iP	20	56.10	0.9
			epP	21	08.00	40km
OTT	75.39	357	eP	20	57.00	0.3
	1.0s		67.00nm			5.6mb
MNT	75.42	358	iP	20	56.60	-0.2
	1.9s		688.00nm			6.3mb
GLD	76.44	334	eP	21	03.20	0.2
	1.0s		140.00nm			5.9mb
Z	18s		2.76um			5.6Msz
			ipP	21	15.50	42km
GOL	76.45	334	iP	21	03.00	-0.2
	1.0s		35.00nm			5.3mb
Z	20s		3.50um			5.7Msz
			ipP	21	15.00	40km
SLBC	76.47	322	eP	21	03.60	0.5
			e	21	14.70	36km
RMU	76.59	328	eP	21	05.00	1.1
MAW	76.59	164	eP	21	02.00	-1.3
SDW	77.61	323	P	21	09.00	-0.5
VPEM	79.02	323	P	21	17.20	-0.1
STJ	79.25	13	eP	21	18.50	0.4
RSSD	79.83	337	eP	21	20.30	-1.3
	1.0s		65.00nm			5.6mb
			ipP	21	32.30	40km
DRV	80.48	192	eP	21	24.00	-0.5
			eS	31	27.50	
			eSS	36	48.50	
PRI	80.67	322	ePc	21	26.90	0.8
			i	21	38.30	37km
BDW	80.72	332	iP	21	26.00	-0.4
	1.0s		52.00nm			5.5mb
			epP	21	37.50	38km
FRI	80.80	323	ePc	21	25.90	-0.7
EUR	80.85	327	iP	21	27.50	0.4
	0.2s		68.38nm			6.3mb
MNA	81.10	325	ePc	21	28.80	0.4
			ipP	21	40.00	36km
LLA	81.18	322	eP	21	28.60	0.0

19d 18h

PRS		81.20	321	eP	21	29.30	0.6					i	23	10.00				1.3s	36.70nm		5.9mb		
SAO		81.56	321	eP	21	30.80	0.2	EDM	90.80	336	ePc	22	14.00	-1.7	LOR	102.50	42	i(Pdif	23	08.50	-0.5		
JAS1		81.88	323	iPc	21	32.70	0.5	PRL	91.24	44	iPc	22	18.50	0.4				1.2s	29.70nm		5.8mb		
				ipP	21	44.20	38km	PGC	91.31	328	eP	22	19.00	1.0	EMS	103.73	45	ePdiff	23	15.60	0.9		
ARN		82.04	322	eP	21	34.00	0.9	PTO	91.66	42	eP	22	26.00	6.2X	DIX	104.02	45	ePdiff	23	17.20	1.1		
				epP	21	46.00	40km				iS	33	06.00		ORO	104.15	45	ePdiff	23	25.50	9.0X		
GCC		82.05	321	eP	21	33.40	0.3	MTE	91.82	43	ePc	22	21.00	0.3	HAU	104.32	43	e(Pdif	23	17.10	0.0		
MHC		82.09	322	eP	21	34.50	1.0	BNG	92.10	86	iPc	22	23.00	0.5				0.8s	12.90nm		5.8mb		
WCN		82.58	324	iP	21	37.20	1.1		0.9s	266	.00nm			6.7mb	MMK	104.35	45	ePdiff	23	18.40	0.8		
				epP	21	49.50	41km				ic	23	18.00	224kmX	DOU	104.36	40	Pdiffd	23	17.40	0.3		
PCC		82.60	321	eP	21	37.80	1.9				ic	26	00.20			Z	21s	9.30um		6.3Msz		
VIP		82.77	118	iPc	21	37.50	0.1	CRT	92.28	48	iP	22	23.30	0.4					e	23	31.30		
		0 7s	183	.56nm			6.3mb	MTD	92.37	111	iPc	22	25.00	1.2					PP	27	35.00		
				i	21	48.80	37km				ipP	22	37.00	39km					SKS	34	16.00		
BKS		82.80	322	iP	21	38.60	1.6	ALM	92.82	49	eP	22	37.60	12.4X					SPP	37	07.00		
		0.8s	88	.00nm			5.9mb				e	26	23.00		BSF	104.50	43	e(Pdif	23	18.10	0.1		
	Z	20s	6	.00um			6.0Msz	TOL	93.61	45	eP	22	30.00	1.2	UCC	104.58	39	Pdiff	23	18.20	0.1		
	N	20s	5	.00um							ipP	22	42.50	41km					e	23	31.00		
	E	20s	2	.70um							ePP	25	55.00		NAI	104.96	100	ePdiff	23	24.00	3.0X		
				i	21	49.50	35km				ePPP	28	04.00		WLF	105.02	41	Pdiff	23	20.90	0.8		
				e	22	06.60					iS	33	20.00						e	23	33.10		
				ePP	24	53.00					isS	33	58.00						SPP	37	18.00		
				iS	31	58.00					iPS	34	42.00		CDF	105.06	43	e(Pdif	23	20.70	0.2		
				e(PSP)	33	03.00					iSS	40	08.00					1.0s	17.60nm		6.0mb		
				ePPS	33	12.00					iSSS	43	48.00		ZUL	105.28	44	ePdiff	23	22.20	0.8		
				iSS	37	35.00		FRB	93.70	1	eP	22	28.00	-0.6	LLS	105.36	45	ePdiff	23	22.80	0.8		
				eSSS	41	11.00		TET	94.32	111	iP	22	32.00	-0.7	MEM	105.40	40	Pdiff	23	22.30	0.6		
BRK		82.81	322	eP	21	37.70	0.7				ipP	22	46.00	47km					e	23	34.00		
RSON		83.14	3	.6 iP	21	37.80	-0.7				i	23	26.00						PP	27	41.00		
		1.1s	58	.14nm			5.6mb				eSKS	34	12.00		ENN	105.43	40	ePdiff	23	22.50	0.6		
	Z	20s	2	.54um			5.6Msz	PHC	94.59	328	eP	22	33.50	0.5		1.0s	14	.00nm			5.9mb		
				ipP	21	49.30	37km	ALI	94.96	48	iP-	22	37.00	2.0					e(pP)	23	34.50		
BFS		83.31	117	iPc	21	39.00	-1.2	LGR	96.08	44	iPKP	22	41.00	0.9					e(PP)	27	40.50		
		0.6s	189	.33nm			6.4mb				iPKKP	22	54.00		VDL	105.47	45	ePdiff	23	23.20	0.7		
				i	21	51.10	40km				ePP	26	22.00		SLE	105.48	44	ePdiff	23	22.70	0.4		
ORV		83.66	323	ePc	21	41.90	0.6	EBR	96.98	47	eP	22	45.00	0.9	GWF	105.54	42	ePdiff	23	22.40	-0.1		
MIN		84.30	324	eP	21	44.10	-0.6				eS	33	38.00		MNS	105.65	50	ePdiff	23	23.50	0.4		
LRM		84.41	332	ePc	21	45.50	0.2	VAL	97.74	33	eP	22	46.00	-1.2	DBN	105.66	39	ePdiff	23	22.00	-0.9		
SCH		84.81	3	ePc	21	46.10	-0.7				S	33	41.00			Z	20s	4.60um		6.0Msz		
		1.6s	352	.00nm			6.3mb	EPF	98.12	45	i(P)c	22	50.30	1.0					epP	23	36.00		
				pP	21	58.00	39km		1.3s	64	.90nm			6.0mb					ePP	27	42.00		
WDC		84.95	323	ePc	21	46.90	-0.9	YKC	98.66	341	eP	22	50.00	-1.2					eSP	37	06.00		
				ipP	21	58.30	37km		0.7s	9	.00nm			5.4mb					iPS	37	16.00		
SLR		85.06	117	iPc	21	47.60	-1.4	YKA	98.71	341	eP	22	51.00	-0.5					eSS	42	31.00		
		1.2s	46	.88nm			5.5mb	LFF	99.42	43	i(P)c	22	55.80	0.7	SAL	105.72	46	ePdiff	23	24.00	0.7		
EVA		85.27	118	iPc	21	50.50	0.4		1.0s	62	.90nm			6.1mb	BUH	105.75	43	ePdiff	23	23.20	-0.3		
		1.3s	173	.08nm			6.1mb	LPO	99.55	44	e(P)	22	56.40	0.7	SAX	105.75	44	ePdiff	23	24.40	0.6		
				i	22	01.50	35km		1.2s	49	.90nm			5.9mb	OSS	105.98	45	ePdiff	23	25.10	0.4		
GNZ		85.82	227	P	21	50.00	-2.4	MFF	99.82	41	e(P)	22	57.50	0.6	WTS	106.50	39	ePdiff	23	28.00	1.4		
FHC		85.86	323	eP	21	53.40	1.0		1.0s	65	.60nm			6.1mb					e(pP)	23	40.50		
CLX		87.42	332	eP	22	00.30	0.3	GDH	100.06	6	ePdiff	22	57.00	-0.6					ePP	27	37.00		
AVE		87.44	49	iP	22	02.00	1.8		Z	22s	4.44um			5.9Msz					e(pPP)	27	47.00		
				i	22	13.80	38km				i	23	09.00		DUI	106.52	51	e(PKP)	27	52.00	14.2X		
LHD		87.63	332	eP	22	01.10	0.2				i	33	53.00		OGA	106.60	45	ePdiff	23	26.10	-1.4		
SES		87.66	336	eP	21	59.00	-1.9	RJF	100.08	43	i(Pdif	22	58.50	0.2	CTI	106.62	46	ePdiff	23	28.70	1.2		
LDM		87.69	332	eP	22	01.70	0.6		1.0s	37	.60nm			5.9mb	TRI	107.80	47	iPdiff	23	34.00	1.4		
KRP		87.82	227	P	22	02.90	0.8	LPF	100.12	40	e(Pdif	22	58.30	0.0					iPP	27	52.00		
				(pP)	22	13.80	34km		0.9s	36	.30nm			5.9mb					ipPP	28	16.00		
				S	32	46.00		CAF	100.20	44	i(Pdif	22	59.20	0.3					iPPP	30	16.00		
MSZ		87.97	218	P	22	02.00	-0.7		1.0s	32	.00nm			5.8mb					iSKS	34	29.00		
YKM		88.17	332	iP-	22	03.30	-0.2	GRR	100.42	40	i(Pdif	22	59.60	-0.1					iS	35	16.00		
BUL		88.21	112	iPc	22	04.10	-0.4		0.8s	41	.30nm			6.0mb					isS	36	00.00		
				ipP	22	17.00	43km	LSF	100.60	42	i(Pdif	23	00.60	0.0					eSPP	37	36.00		
				i	22	55.20			1.2s	44	.00nm			5.9mb					eSS	42	38.00		
				iSKS	32	47.00		FLN	100.84	40	e(Pdif	23	01.50	0.0					eSSS	46	32.00		
				iS	33	06.40			1.0s	40	.00nm			5.9mb	VOY	108.02	47	e(Pdif	23	35.00	1.3		
NEW		88.27	351	eP	22	02.00	-1.9	LDF	100.94	40	i(Pdif	23	02.10	0.1					ePP	26	51.00		
	Z	19s	10	.00um		6	3Msz		0.8s	38	.60nm			6.0mb					e	27	10.00		
COR		88.27	326	iPc	22	04.00	0.1	MZF	101.20	43	e(Pdif	23	03.40	0.2	VOY	108.02	47	ePKP	27	46.50	5.8X		
FFC		88.65	343	iPc	22	24.20	18.7X		1.0s	16	.60nm			5.6mb					i	28	01.80		
		1.6s	115	.00nm				BGF	101.54	43	i(Pdif	23	05.10	0.4	KBA	108.12	46	e(Pdif	23	35.00	0.8		
MTH		89.88	44	iPc	22	13.00	1.3		1.0s	36	.50nm			5.9mb		1.0s	4	.20nm			5.5mb		
PNT		90.13	331	eP	22	12.00	-0.6	AVF	101.95	43	i(Pdif	23	06.70	0.2					e	27	17.00		
		0.7s	43	.00nm			5.9mb		1.2s	40	.20nm			5.9mb					i	27	50.40		
SFS		90.18	47	iP	22	14.00	0.9	GRC	102.06	42	iPdiff	23	06.90	-0.1					iPP	28	01.60		
				iPP	25	48.00					i	27	32.00						ipPP	28	16.50		
				eS	33	07.00		LRG	102.08	47	i(Pdif	23	08.20	1.1					i	28	50.20		
LSZ		90.39	108	iPd	22	16.40	1.6		0.9s	51	.10nm			6.2mb					e	55	49.50		
		1.2s	95	.50nm			6.0mb	LMR	102.11	47	i(Pdif	23	08.00	0.7					i(S)	56	32.20		
				i	22	29.20	42km		1.0s	40	.00nm			6.0mb	INK	108.36	340	ePdiff	23	34.00	-0.5		
				i	23	06.00		SMF	102.17	43	i(Pdif	23	08.00	0.5	INK	108.36	340	ePKP	27	48.00	7.5X		
				i	25	44.00			1.0s	56	.00nm			6.2mb	LJU	108.43	47	ePdiff	23	35.50	0.1		
				i	33	10.50		SSF	102.19	42	e(Pdif	23	07.00	-0.6					i	26	56.50		
				i	33	32.30			1.0s	30	.80nm			5.9mb	LJU	108.43	47	ePKP	27	57.50	16.2X		
				i	34	36.30		FRF	102.31	47	e(Pdif	23	09.10	0.9					eSKS	34	30.50		
KRI		90.75	110	iPc	22	16.00	-0.4		1.2s	16	.50nm			5.6mb					e	35	26.00		
				ipP	22	29.00	43km	LBF	102.42	43	i(Pdif	23	08.40	-0.3	MOX	108.60	42	ePdiff	23	36.00	0.0		

19d 18h

0.7s 15.00nm 5.0mb
DMN 55.06 311 eP 53 59.00 -0.4
0.6s 13.00nm 5.0mb
HYB 55.84 297 eP 54 04.00 -0.9
QUE 70.41 355 eP 55 40.50 -0.3
MHI 78.35 309 iPc 56 27.00 0.9
YKA 108.32 26 ePKP 02 55.60 3.3X
YJA 147.31 154 ePKP 04 11.80 5.0X
VAO 149.66 187 ePKP 04 17.90 7.9X
LPB 150.71 144 PKPd 04 22.00 9.8X
S.D. = 1.2 on 22 of 29 obs.

• MAY 19, 1985 18h 47m 25.92± 1.83s
30.074 S ± 9.8km 71.826 W ±17.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

RTC8 2.96 119 ePd 48 12.30 0.5
S 48 45.00
ZON 3.08 119 eP 48 16.00 2.6X
RTLL 3.15 114 ePd 48 14.20 -0.2
S 48 44.80
RTCV 3.34 123 ePd 48 17.60 0.5
(S) 48 53.80
CFA 3.44 117 ePd 48 18.60 0.0
S 48 55.00
BACH 3.46 161 iP 48 19.50 0.6
FCH 3.50 158 iP 48 20.50 0.9
iS 49 00.70
SAN 3.51 164 iPc 48 20.70 1.1
iS 49 02.20
TACH 3.65 168 iP 48 21.90 0.5
iS 49 02.50
PCH 3.71 163 iP 48 22.60 0.2
iS 49 05.20
MDZ 3.78 139 iP 48 21.60 -1.8
iS 48 39.60
LNV 3.89 175 ePc 48 24.20 -0.6
CHCH 3.98 166 iPd 48 26.20 0.1
iS 49 08.50
RFA 5.48 150 ePc 48 45.40 -2.0
CYA 5.51 74 e(P) 48 49.50 1.6
ANT 6.47 12 eP 49 14.00 12.7X
eS 50 40.50
SLA 7.75 48 e(P) 49 19.00 -0.4
VAO 23.30 78 eP 52 30.80 -1.1
S.D. = 1.1 on 16 of 18 obs.

? MAY 19, 1985 19h 04m 02.93± 1.57s
5.823 S ±21.3km 151.186 E ±28.2km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
NEW BRITAIN REGION (192)

LMG 4.30 224 eP 05 06.00 -1.8
ALOA 4.52 190 eP 05 11.00 0.2
PMG 5.35 228 eP 05 24.00 1.4
W82 21.56 228 eP 08 53.20 1.4
WRA 21.57 228 Pc 08 50.90 -1.0
0.9s 5.20nm 3.9mb
COL 83.43 22 eP 16 28.00 -0.1
S.D. = 1.6 on 6 of 6 obs.

MAY 19, 1985 23h 41m 25.29± 0.67s
36.097 N ±10.5km 136.588 E ± 4.8km
DEPTH = 10.0km (geophysicist)
NEAR WEST COAST OF HONSHU, JAPAN(226)
Felt (I JMA) at Fukui. Felt also at Kyoto.

FUK 0.30 262 iPd 41 31.00 -0.5
S 41 35.00
HIK 0.87 199 eP 41 42.00 0.0
iS 41 50.80
KYO 1.29 213 P 41 48.70 -0.4
iS 42 05.30
MAT 1.38 71 iPc 41 49.80 -0.8
eS 42 10.00
TYK 1.54 249 eP 41 53.00 0.2
eS 42 13.00
DDR 2.11 92 eP 42 01.20 0.0
S 42 29.60
SRY 2.24 102 eP 42 02.40 -0.5
OYM 2.26 107 eP 42 03.40 0.1
TSK 2.85 87 eP 42 12.90 1.2
KYS 3.04 106 eP 42 19.30 5.1X
SHK 3.56 245 eP 42 22.40 0.7
eS 43 05.30
S.D. = 0.7 on 10 of 11 obs.

• MAY 19, 1985 23h 51m 45.87± 1.45s
38.492 N ± 9.8km 26.782 E ±13.6km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

IZM 0.39 104 iPg 51 54.00 0.1
iSg 51 59.00
EZN 1.38 345 iPn 52 11.10 0.0
YER 1.80 138 ePn 52 17.20 -0.1
DST 1.82 52 iPn 52 17.20 -0.3
KGT 2.00 11 ePn 52 20.00 0.0
EDC 2.03 24 ePn 52 20.70 0.2
KCT 2.14 34 ePn 52 25.00 2.9X
S.D. = 0.2 on 6 of 7 obs.

? MAY 20, 1985 00h 59m 56.27± 7.33s
38.514 N ±71.1km 20.330 E ±21.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)

VLS 0.39 149 ePg 00 14.50 10.2X
eSg 00 25.50
KZN 2.11 31 ePb 00 30.50 -1.6
eSn 00 53.00
eSb 00 54.00
LCI 2.59 315 e(Pn) 00 47.50 8.7X
OHR 2.62 8 ePn 00 39.20 -0.2
VAY 3.29 31 ePn 00 50.60 1.8
BRT 3.37 315 e(Pn) 00 50.20 0.2
ORI 3.38 298 e(Pn) 00 50.00 -0.1
SKO 3.56 13 ePn 00 59.00 6.4X
S.D. = 1.7 on 5 of 8 obs.

? MAY 20, 1985 01h 17m 49.34± 2.76s
4.829 S ±39.5km 151.435 E ±11.9km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
NEW BRITAIN REGION (192)

BGA 3.95 110 eP 18 50.00 0.7
eS 19 30.00
PAA 4.29 110 eP 18 53.00 -1.1
eS 19 37.00
PMG 6.22 223 eP 19 20.00 -1.4
CTA 15.98 198 iPd 21 34.40 0.9
0.9s 11.34nm 4.0mb
WB2 22.41 226 eP 22 25.70 -21.0X
WRA 22.42 226 Pc 22 49.60 2.8X
0.4s 6.50nm 4.4mb
ASPA 25.23 220 eP 23 14.00 0.0
MRWA 41.38 230 eP 25 35.00 0.8
S.D. = 1.3 on 6 of 8 obs.

MAY 20, 1985 02h 45m 33.08± 0.90s
10.312 S ± 9.9km 118.742 E ±11.3km
DEPTH = 33.0km (normal)
SOUTH OF SUMBAWA ISLAND (291)
ML 2.7 (LDG).

WSI 1.65 69 ePc 46 00.50 0.4
MKS 5.11 8 iPd 46 49.20 -0.2
TRT 6.57 293 ePc 47 09.70 -0.2
NAU 12.55 194 eP 48 19.50 -12.7X
WBN 17.40 156 eP 49 33.00 -2.1
WB2 17.84 124 eP 49 41.20 0.6
MRWA 18.98 187 eP 49 56.00 1.5
MUN 21.69 186 eP 50 33.00 9.9X
NWAO 22.55 183 eP 50 44.00 12.3X
S.D. = 1.5 on 6 of 9 obs.

& MAY 20, 1985 02h 53m 55.40s
31.890 N 115.850 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.9 (PAS).

IKP 0.79 344 iPc 54 10.10 -1.0
iSc 54 20.30
BAR 1.05 319 iPd 54 14.40 -1.2
eS 54 28.00
GLA 1.45 36 eP 54 10.20 -12.0
CPE 1.45 313 ePc 54 21.00 -1.1
SLBC 1.63 313 iP 54 24.50 -0.2
eS 54 45.50
SDW 2.90 340 eP 54 42.50 -0.6
EUR 7.58 359 iP 55 49.40 0.1
0.2s 2.79nm 5.1mb X
7 obs. associated

MAY 20, 1985 05h 44m 42.45± 0.15s
56.971 S ± 4.7km 26.590 W ± 5.2km
DEPTH = 145.1km (7 depth phases)
5.6mb (14 obs.)
SOUTH SANDWICH ISLANDS REGION (153)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 25C
Centroid Location:
Origin Time 05:44:47.9 1.1
Lat 57.00S 0.11 Lon 27.23W 0.21
Dep 137.9 4.1 Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr= 2.95 0.68 Mtt= 0.14 1.11
Mff=-3.09 1.05 Mrt=-4.47 0.69
Mrf= 6.10 0.63 Mtf= 1.81 1.01
Principal Axes:
T Val= 7.93 Plg=56 Azm=225
N 0.77 7 325
P -8.70 33 60
Best Double Couple:Mo=8.3*10**23
NP1:Strike=174 Dip=14 Slip= 119
NP2: 324 78 83

SNA 16.98 152 eP 48 32.00 -0.2
0.8s 85.07nm 5.1mb
AIA 19.71 230 eP 49 02.40 0.2
SPA 33.21 180 iPc 51 07.00 0.0
1.0s 203.00nm 5.8mb
i 53 46.00
i 57 16.00
TCA 36.65 298 iPd 51 34.00 -2.3
VAO 37.05 328 iPc 51 41.10 1.4
e 52 12.40 139km
e 53 58.40
MAW 39.21 143 eP 51 57.00 -0.2
SLA 42.64 303 ePd 52 24.00 -1.9
BAO 44.33 330 iPc 52 40.80 1.2
i 52 43.70 10kmX
YJA 44.85 304 ePc 52 43.80 -0.3
SBA 45.18 184 iPc 52 45.80 0.3
WIN 46.74 61 eP 52 39.00 -19.7X
0.8s 18.66nm
VIR 47.16 75 iPd 53 02.70 0.8
0.6s 173.33nm 5.9mb
BFS 48.07 74 iPc 53 09.00 0.2
0.6s 160.00nm 5.9mb
SOB1 48.93 341 iPc 53 15.70 0.3
e 53 19.00 11kmX
e 53 31.00
e 53 45.40
e 53 51.60
ITR 48.97 344 iPc 53 15.80 0.1
e 53 18.80 10kmX
SLR 49.79 75 eP 53 21.00 -1.1
1.2s 140.63nm 5.6mb
LPB 50.95 305 iPc 53 31.50 0.2
0.8s 74.63nm 5.5mb
ARE 52.57 301 iPc 53 42.50 -0.7
BUL 54.54 71 iPd 53 57.00 -0.5
1.0s 90.00nm 5.6mb
ipP 54 31.60 149km
iS 01 24.90
DRV 56.27 174 eP 54 08.00 -1.2
KRI 57.83 70 iPd 54 20.00 -0.9
ipP 54 54.00 144km
LSZ 58.41 68 iPc 54 25.50 0.6
1.0s 102.70nm 5.7mb
MTD 58.89 72 iPd 54 28.00 -0.2
ipP 55 02.00 143km
TET 60.46 73 iPd 54 39.00 0.2
ipP 55 14.00 147km
KIC 65.60 24 iPd 55 12.80 0.4
i 55 48.00 146km
PSO 70.78 305 eP 55 45.50 0.4
BNG 71.28 48 iPd 55 48.00 0.4
0.6s 60.00nm 5.6mb
id 56 23.90 147km
BOG 72.42 310 eP 55 54.50 -0.3
UAV 74.84 314 eP 56 09.40 0.8
SDV 74.89 315 iPnc 56 09.10 0.2
0.5s 73.80nm 5.7mb

```
                 e       23 49.00
MOX    108.60   42 ePKP  27 42.00    0.5
   Z  19s      7.40um            6.3Msz
   E  18s      6.70um
                 ePP     28 04.00
                 e       28 16.00
                 eSKS    34 36.00
                 eSKKS   35 28.00
                 ePS     37 38.00
                 ePKKP   39 08.00
                 eSS     44 05.00
WET    108.71   44 ePdiff23 37.40    0.8
   Z  20s      6.70um            6.2Msz
KMR    109.01   45 ePdiff23 39.00    1.1
                 i       28 08.30
KHC    109.12   44 ePdiff23 39.50    1.1
   Z  19s      2.30um            5.8Msz
   N  19s      2.60um
   E  19s      1.20um
                 e       28 07.50
                 e       37 36.00
CLL    109.67   42 Pdiff 23 41.50    0.7
    1.5s      17.00nm
                 e       23 55.00
CLL    109.67   42 iPKP  27 43.60    0.1
   Z  18s      7.50um            6.3Msz
                 i       27 57.00
MUD    109.74   36 ePdiff23 42.00    1.1
                 i       23 56.00
PRU    110.04   43 Pdiff 23 43.50    1.1
   Z  22s      5.50um            6.1Msz
   N  22s      4.10um
   E  22s      3.60um
                 e       23 55.40
                 e       28 14.50
                 e       34 34.00
BRG    110.04   42 ePdiff23 43.10    0.7
                 e       23 55.00
BRG    110.04   42 ePKP  27 44.10   -0.1
   Z  17s      4.00um            6.1MszX
   N  17s      3.00um
   E  17s      2.00um
                 e       27 58.00
                 eSKS    34 44.00
                 ePKKP   44 08.00
MBC    110.38  349 ePdiff23 44.00    0.6
PMS    110.70  330 ePKP  27 41.00   -4.2X
   Z  20s      4.00um            6.0Msz
COP    111.09   37 ePdiff23 48.00    1.1
   Z  21s      5.02um            6.1Msz
                 i       28 24.00
                 i       35 50.00
KSP    111.40   43 ePKP  27 47.00    0.2
                 e       28 00.50
                 e       28 24.00
SKO    111.42   53 ePdiff23 38.00  -10.8X
                 iPP     28 26.00
                 iPPP    30 51.00
                 iPS     37 58.00
                 iSS     44 07.00
DAG    111.51   11 iPdiff23 57.20    8.8X
    0.6s       2.67nm
DAG    111.51   11 iPKPc 27 58.20   12.0X
    0.8s       7.46nm
                 iS      37 54.00
COL    111.53  334 ePdiff23 48.00   -0.7
   Z  18s      4.47um            6.1Msz
FBA    111.53  334 ePKP  27 46.00   -0.6
VAY    111.97   54 ePdiff23 38.00  -13.2X
KRA    113.30   45 ePdiff23 55.00   -2.0
   Z  19s      5.90um            6.2Msz
   N  19s      3.10um
   E  19s      5.90um
                 i       27 50.40
                 i       28 03.60
                 e       28 36.00
                 e       38 20.00
                 e       39 50.00
HFS    113.35   33 (PKP) 27 43.80   -6.4X
    0.6s       1.00nm
   Z  18s      5.54um            6.2Msz
                 LR      05 34.00
ASW    113.43   75 ePKP  27 53.00    1.5
                 eS      38 26.00
TTA    114.15  330 ePKP  27 52.20    0.4
IMA    114.25  334 ePKP  27 52.40    0.4
UPP    115.14   34 iPKP  28 04.50   10.9X

                 i       28 51.70
BUC    115.45   52 ePKP  27 51.00   -3.7X
MLR    115.68   51 ePKPd 27 54.00   -1.4
VRI    116.32   51 ePKPd 27 55.00   -1.4
BRW    116.89  339 ePKP  27 56.40   -0.3
CTA    118.25  221 Pdiff 24 22.00    2.3
CTA    118.25  221 ePKP  27 59.00   -1.8
                 iPP     29 30.00
                 iSKS    34 52.00
                 iSKKS   36 06.00
                 iPS     38 54.00
                 iSS     45 54.00
NUR    118.70   34 ePKP  27 59.00   -1.4
    0.8s      26.40nm
   Z  22s      6.00um            6.2Msz
                 i       28 12.00
                 ePP     29 16.00
                 eSKS    34 52.00
                 e       36 28.00
                 ePS     39 08.00
                 e       40 32.00
                 LR      15 28.00
SUF    119.79   32 iPKP  28 01.00   -1.4
    0.7s      15.00nm
SOD    120.57   26 iPKP  28 04.00    0.2
                 i       28 15.20
KJF    120.68   30 iPKP  28 03.20   -0.9
    1.0s      36.00nm
   Z  22s      4.50um            6.1Msz
                 i       28 16.00
                 iPP     29 31.20
                 eSKS    35 06.00
                 eS      36 48.00
                 ePS     39 12.00
                 e       40 56.00
                 eSS     46 12.00
                 LR      17 00.00
ASPA   121.17  207 ePKP  28 05.00   -1.3
                 ePP     29 39.00
                 ePS     39 19.00
                 eSS     46 13.00
RTB    122.70   68 ePKPd 28 09.50    0.7
                 epP     28 21.50
                 e       29 45.00
                 ePP     30 02.50
                 ePPP    31 01.00
                 eS      35 33.50
                 e       37 05.00
                 eSSS    40 13.50
WB2    124.31  210 ePKP  28 10.10   -2.3
WRA    124.31  210 PKPc  28 10.20   -2.2
    1.1s      23.70nm
PMG    125.94  229 e(PKP)28 15.00   -0.7
BHD    126.03   69 ePKP  28 16.00    0.6
                 e       30 08.00
                 e       37 24.00
KER    128.49   68 ePKP  28 22.00    1.7
TAB    128.67   64 ePKP  28 19.00   -1.5
IR5    131.47   68 iPKPc 28 25.40   -0.5
SHI    131.78   76 ePKP  28 21.00   -5.7X
MHI    138.80   68 iPKPc 28 28.00  -11.7X
                 e       31 29.00
                 eS      41 20.00
AAI    141.43  212 ePKP  28 35.50   -9.4X
    0.9s       3.00nm
TRT    142.07  186 ePKPd 28 42.30   -3.7X
GUMO   142.75  252 e(PKP)28 39.20   -7.9X
MKS    143.24  198 ePKPd 28 48.00    0.0
QUE    144.10   79 ePKP  28 46.60   -2.7
KOD    144.78  118 iPKPc 28 49.00   -2.0
    1.0s      96.00nm
                 ePS     42 37.00
BOM    145.62  101 ePKP  28 51.00   -0.9
POO    146.34  102 iPKP  28 55.00    1.8
GBA    146.77  113 PKPd  28 54.20    0.4
    1.2s     130.20nm
PPI    148.46  164 ePKP  28 56.70    0.1
    0.7s      42.90nm
MDR    148.57  117 ePKP  29 12.00   15.3X
HYB    149.73  108 ePKP  28 58.00   -0.5
    1.2s     150.00nm
PSI    151.08  160 ePKP  29 02.00    1.4
    1.2s     174.10nm
KGM    151.46  169 ePKP  29 03.00    1.8
TSI    151.73  158 ePKPc 29 07.30    5.7X
DAV    152.02  218 ePKP  29 00.00   -2.0
KLM    152.19  165 ePKP  29 08.00    5.7X

BSI    152.35  150 ePKP  29 07.00    4.5X
NDI    152.61   85 iPKP  29 02.00   -0.4
                 iPP     32 52.00
TSK    153.11  291 ePKP  29 02.40   -0.5
IPM    153.46  163 ePKPd 29 02.90   -1.2
                 e       29 22.70
                 e       30 05.20
DDI    153.60   82 ePKP  29 05.00    1.1
VIS    153.74  113 ePKP  29 16.00   11.7X
OYM    153.86  289 ePKP  29 01.30   -2.8X
DDR    153.87  291 ePKP  29 02.20   -1.9
MAT    154.62  292 iPKPc 29 03.90   -1.1
   Z  20s      3.19um            6.1Msz
DMN    159.21   91 ePKP  29 10.90   -0.4
    1.2s      64.00nm
SHK    159.30  288 ePKP  28 57.00  -13.8X
KKN    159.40   91 ePKP  29 11.00   -0.5
    1.2s      68.00nm
PKI    159.47   92 ePKP  29 11.00   -0.7
    1.4s      87.00nm
KHT    162.03  147 ePKP  29 13.00   -1.1
BAG    162.43  221 ePKP+ 29 14.00   -0.7
NST    163.51  150 ePKP  29 15.70    0.1
BDT    164.33  144 ePKP  29 16.90    0.6
    1.0s      34.50nm
SHL    164.44  103 iPKP  29 16.20   -0.3
                 eS      33 58.00
CHG    165.59  140 iPKPc 29 17.00   -0.4
    1.5s      45.83nm
                 eS      34 02.00
CHTO   165.59  140 iPKP  29 16.80   -0.6
LOE    165.73  152 ePKP  29 16.00   -1.5
ANP    167.55  249 e(PKP)29 17.00   -1.9
BJI    168.47  330 PKP+  29 19.00    0.1
                 pPKP    29 29.00
SSE    169.19  278 PKP+  29 19.00   -0.6
    6.0s       2.70nm
                 pPKP    29 31.00
HKC    170.67  213 iPKP  29 21.00    0.4
                 ipPKP   29 32.00
                 e       30 51.00
                 ePP     34 29.00
                 ePPP    38 45.00
KMI    172.67  133 PKPc+ 29 21.50   -0.2
    5.0s       1.60nm
                 pPKP    29 32.50
                 sPKP    29 39.00
LZH    172.91   34 PKPc  29 22.50    1.6
    3.0s    ********nm
                 pPKP    29 34.00
      S.D. = 1.0  on 286 of 326 obs.

 *  MAY 19, 1985  18h 44m 39.31± 1.02s
    7.306 S ± 6.8km   129.314 E ±12.6km
    DEPTH = 138.4 ± 11.4 km
    4.8mb (  6 obs.)
  BANDA SEA                           (280)

AAI      3.76  343 ePd    45 38.60    1.7
    0.5s      22.20nm
MTN      5.79  162 eP     46 05.00    0.9
KUPT     6.31  243 ePc    46 10.00   -1.2
                 eS      47 19.50
KNA      8.41  184 iPc    46 39.00   -0.5
WRA     13.48  159 Pc     47 44.30   -1.9
    1.2s      49.60nm             4.8mb
WB2     13.48  159 iPc    47 44.20   -2.0
                 iS      50 04.80
MBL     16.54  213 iPd    48 33.20    8.6X
ASPA    16.85  165 eP     48 29.00    0.5
PMG     17.77   98 eP     48 46.00    6.4X
LMG     18.72   96 eP     49 06.00   15.9X
WBN     18.91  188 eP     48 53.00    1.0
NAU     20.16  220 eP     49 05.00    0.2
MEK     21.76  207 eP     49 23.00    2.2
MRWA    25.15  208 eP     49 54.00    0.7
KLB     26.46  203 eP     50 06.00    0.7
NWAO    27.85  202 eP     50 19.00    1.2
PSI     31.91  287 ePd    50 52.40   -1.5
CHTO    39.63  311 iP     51 59.20    0.1
    1.1s      12.07nm             4.6mb
                 e       52 28.50
MAT     44.41   10 eP     52 38.00    0.1
    0.8s       7.46nm             4.4mb
PKI     54.81  311 eP     53 56.90   -0.8
    0.6s      19.00nm             5.1mb
KKN     55.02  311 eP     53 58.60   -0.5
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MVM	76.76	326	eP	56	19.84	0.8	EDM	130.54	308	iPKPc	03	35.50	-0.6	THE	3.15	42	ePn	52	06.30	1.4
BIM	76.77	326	eP	56	18.53	-0.6	PNT	130.66	301	ePKP	03	36.00	-0.5	ORI	3.39	302	ePn	52	10.50	2.3
CRM	76.95	326	eP	56	20.70	0.7		1.1s		38.00nm				BRT	3.45	319	ePn	52	11.00	1.9
FDF	77.00	326	eP	56	21.49	1.1	DAG	133.57	2	ePKP	03	25.00	-16.2X	SOH	3.49	43	ePn	52	10.90	1.1
	0.4s		0.81nm			3.8mb X				i	03	41.00		VAY	3.51	31	iPn	52	10.40	0.4
MSZ	78.00	191	P	56	26.00	0.5	YKC	137.02	317	ePKP	03	32.00	-16.1X	KNT	3.52	35	ePnd	52	11.20	1.0
RKT	80.35	242	eP	56	39.00	0.5		0.5s		33.00nm				OUR	3.56	54	ePn	52	11.30	0.6
	1.0s		65.00nm			5.3mb	RSNT	137.06	317	PKP	03	48.30	0.2				eSn	52	57.70	
TAU	80.36	175	iPc	56	38.30	0.1	YKA	137.07	317	ePKP	03	33.50	-14.7X	ULC	3.71	349	ePn	52	13.30	0.3
TCW	80.61	196	P	56	39.40	-0.2	MBC	144.96	335	ePKP	04	01.00	-0.8				eSn	52	57.70	
SJG	81.78	322	iPc	56	45.00	-0.9		0.7s		126.00nm				SKO	3.77	14	iPnc	52	14.50	0.7
GNZ	82.50	199	eP	56	51.00	1.5	INK	146.71	320	ePKP	04	03.00	-1.9				iSn	53	01.50	
KRP	83.63	197	P	56	54.10	-1.2		0.4s		160.00nm							iSb	53	15.00	
TOO	85.58	174	iPc	57	04.60	-0.5	TOA	149.95	305	ePKP	04	08.90	-1.3				iSg	53	21.00	
HOJ	85.59	313	eP	57	07.83	2.7X	BJI	150.56	109	ePKP	04	17.50	5.8X	TTG	4.17	350	ePn	52	19.50	0.2
STH	85.69	313	eP	57	07.68	2.0	PMR	151.13	303	PKP	04	18.70	6.8X				eSn	53	09.30	
BFD	85.77	171	iPc	57	05.50	-0.5		0.8s		13.79nm				MMB	4.25	39	iPd	52	21.00	0.4
	1.2s		196.00nm			5.8mb	COL	151.38	310	ePKP	04	09.00	-3.2X	PVY	4.28	358	iPn	52	22.10	1.1
BBJ	86.14	313	eP	57	09.17	1.2		0.7s		107.19nm							iSn	53	12.50	
WAM	87.12	176	iPc	57	13.10	0.5				i	04	18.40		HCY	4.32	343	ePn	52	21.00	-0.6
ADE	87.58	168	iPc	57	15.60	0.7				e	04	27.00					eSn	53	12.00	
	1.0s		64.00nm			5.6mb	FBA	151.38	310	ePKP	04	09.20	-3.0X	SGO	4.40	302	ePn	52	26.00	3.4X
CAN	87.99	176	iPc	57	17.40	0.6		1.1s		10.90nm							iSn	53	49.00	
MRWA	88.51	148	eP	57	19.00	-0.3	KDC	151.46	295	PKP	04	19.40	6.9X	IVA	4.56	357	ePn	52	26.00	1.1
YOU	89.01	176	iPc	57	22.20	0.5	PWA	151.49	303	e(PKP)	04	09.80	-2.6X				eSn	53	19.00	
STK	90.93	170	eP	57	31.00	0.4		0.8s		8.60nm				BRY	4.75	345	ePn	52	27.00	-0.7
WBN	94.17	156	eP	57	46.00	0.4	IMA	153.98	312	ePKP	04	13.60	-2.4X				e(Sn)	54	23.00	
WRA	101.73	162	Pdiff	58	21.00	1.3		0.8s		6.80nm				VTS	4.85	27	iPc	52	30.00	1.0
	0.4s		1.30nm			5.0mb	TTA	154.57	305	e(PKP)	04	14.40	-2.4X	GIB	4.88	268	ePn	52	29.50	-0.1
WB2	101.73	162	ePdiff	58	01.70	-18.0X	BRW	154.95	324	e(PKP)	04	14.20	-2.7X	EZN	5.00	71	ePn	52	28.00	-3.2X
JCT	106.60	300	ePKP	02	50.50	-0.6		S.D. = 0.9		on 100 of 117 obs.				PLE	5.04	353	ePn	52	32.50	0.6
BHO	107.62	306	e(PKP)	02	51.10	-1.8											eSn	53	31.50	
FVM	108.78	311	e(PKP)	03	02.00	7.0X	& MAY 20, 1985 07h 46m 29.04s							PLD	5.12	41	ePd	52	42.00	9.2X
GBA	108.94	94	PKP	02	56.00	0.2	59.976 N			153.527 W				KDZ	5.17	48	iP	52	33.00	-0.5
	0.3s		3.10nm				DEPTH = 138.8km							DUI	5.53	309	ePn	52	41.00	2.4X
RLO	109.19	307	ePKP	02	54.10	-1.7	SOUTHERN ALASKA						(2)	IZM	5.55	87	ePn	52	42.00	2.9X
TUL	109.31	306	e(PKP)	02	48.50	-7.5X	<AGS-P>.							DIM	5.56	46	eP	52	44.00	5.0X
	0.9s		11.70nm											PVL	6.13	36	iPd	52	47.00	0.0
ALQ	113.45	298	ePKP	03	03.20	-1.0	ILM	0.41	60	iP	46	48.20	-0.7	JMB	6.40	48	eP	52	53.00	2.1
SCH	116.12	335	ePKPc	03	07.40	-1.1				eS	47	04.25		BEO	6.50	2	ePn	52	50.60	-1.7
GOL	116.75	302	ePKP	03	10.50	0.0	RDT	0.82	42	eP	46	50.85	-0.7				iPg	3	20.90	
RSSD	119.65	306	iPKP	03	15.10	-0.7				eS	47	07.80					eSg	55	00.40	
DUG	120.68	297	PKP	03	18.00	0.2	BRLK	1.35	98	iP	46	55.70	-0.8	AOU	6.57	310	ePn	52	57.00	3.6X
	0.5s		11.81nm				NKA	1.37	55	eP	46	57.45	0.8				eSn	55	21.00	
RSON	120.81	317	ePKP	03	15.30	-2.2	SPU	1.41	30	iP	46	56.28	-0.9	DST	6.70	76	eP	52	54.10	-1.1
BDW	121.12	301	iPKP	03	17.80	-0.9	CRP	1.46	27	iP	46	57.25	-0.6	DMK	6.77	57	eP	52	54.00	-2.2
NB2	121.35	20	PKP	03	18.20	-0.1	CGLM	1.53	29	iP	46	57.70	-0.9	MNS	7.03	308	e(Pn)	53	01.00	1.2
	0.9s		5.00nm				SVW	1.54	319	eP	46	57.58	-1.0				eSn	54	04.00	
APO	121.43	22	ePKP	03	17.30	-1.1				eS	47	19.73		BUC	7.53	34	eP	53	16.00	9.2X
	0.4s		2.50nm				SLKM	1.73	71	eP	46	59.80	-1.0	DEV	7.82	14	ePc	53	11.00	0.2
PRI	121.52	289	ePKP	03	20.70	1.2	SEW	2.05	85	eP	47	03.25	-1.2	CMP	7.83	26	ePd	53	08.00	-3.0X
FRI	121.68	290	ePKP	03	19.60	0.1	MPA	2.14	74	eP	47	04.61	-1.0	ELL	7.87	98	iP	53	15.50	3.8X
EUR	121.69	295	iPKP	03	20.20	0.4				eS	47	30.68		MLR	8.35	29	eP	53	20.00	1.7
	0.2s		6.14nm				PMS	2.33	55	eP	47	06.29	-1.8	CEY	8.57	332	iPnc	53	20.00	-1.2
MNA	121.99	292	ePKPc	03	21.00	0.7	PTE	2.41	66	iP	47	07.95	-0.9				i	53	21.50	
LLA	122.03	289	ePKP	03	21.00	0.7	KNK	2.88	58	eP	47	14.88	-0.1				iSn	54	53.90	
PRS	122.03	288	ePKP	03	20.70	0.4	MSE	2.91	48	eP	47	12.52	-2.9	LJU	8.79	333	ePn	53	23.00	-1.3
JAS1	122.76	290	ePKPc	03	22.20	0.6	CFI	3.09	64	eP	47	16.55	-1.1				eSn	54	59.30	
ARN	122.89	289	ePKP	03	23.00	1.1	SML	3.13	52	eP	47	16.79	-1.5	TRI	8.80	329	ePn	53	22.60	-1.8
MHC	122.94	289	ePKP	03	23.10	1.0	GLI	3.32	71	eP	47	19.66	-1.0				iSn	54	58.00	
WCN	123.46	292	PKP	03	24.00	0.8	FID	3.59	74	eP	47	21.95	-2.3				i	55	56.00	
BKS	123.65	289	iPKPd	03	24.70	1.3	KLU	4.03	65	eP	47	28.79	-1.5	VOY	9.01	331	ePnc	53	25.70	-1.8
	0.8s		109.00nm					20 obs. associated									eSn	55	04.70	
BRK	123.66	289	ePKP	03	24.10	0.7								CTI	9.99	323	ePn	53	39.50	-1.4
NUR	123.88	28	ePKP	03	25.00	1.9	MAY 20, 1985 07h 51m 15.11± 0.68s										eSn	55	26.50	
DMN	124.43	92	iPKP	03	25.40	-0.1	38.317 N ± 5.8km 20.196 E ± 3.9km							KBA	10.10	332	iPnd	53	41.10	-1.4
	0.8s		25.00nm				DEPTH = 16.8 ± 4.8 km										iSn	55	31.20	
ORV	124.54	291	ePKP	03	25.10	0.1	4.6mb (10 obs.)							JOS	10.18	1	eP	53	41.20	-2.2
PKI	124.56	92	iPKP	03	25.40	-0.5	GREECE						(364)	SAL	10.24	318	e(Pn)	53	43.50	-0.7
	0.6s		14.00nm				ML 4.4 (TTG), 4.2 (ATH).										e(Sn)	55	30.50	
FRB	124.63	339	ePKPc	03	23.80	-0.6								OSS	11.17	322	eP	53	56.80	-0.4
KKN	124.66	92	iPKP	03	25.50	-0.4	VLS	0.34	114	ePg	51	20.00	-2.4	FRF	11.50	301	eP	54	06.00	4.4X
	0.6s		14.00nm				KZN	2.33	31	ePn	51	56.50	3.1X	LRG	11.66	300	eP	54	07.90	4.3X
CHG	124.73	110	ePKP	03	26.00	0.0				eSn	52	27.00		KHC	11.82	338	ePn	53	52.30	-13.5X
LRM	124.78	302	iPKPc	03	26.10	0.5	LIT	2.52	44	ePnd	51	57.80	1.8				ePg	54	03.50	
MIN	125.18	291	ePKP	03	26.60	0.1	LCI	2.66	320	ePn	51	59.00	1.0				e	56	10.00	
GAS	125.24	290	PKP	03	27.30	0.8				eSn	52	27.50					e	58	22.60	
WDC	125.83	291	ePKPc	03	26.90	-0.6	ATH	2.80	96	ePn	52	00.00	0.1	DIX	12.24	313	eP	54	13.60	1.9
SUF	126.14	27	iPKP	03	27.20	-0.2				ePb	52	03.00		PRU	12.35	343	Pn	54	10.80	-2.1
FFC	126.97	315	iPKPc	03	28.90	-0.3				ePg	52	09.00			0.9s		14.00nm			5.2mb X
	0.8s		11.00nm							eSn	52	33.30		EMS	12.51	312	eP	54	16.00	0.7
SES	127.52	307	ePKP	03	29.50	-1.0				eSb	52	39.00		HOF	13.38	336	iPc	54	26.40	-0.2
KJF	127.77	27	iPKP	03	31.00	0.5	OHR	2.83	9	iPnc	52	02.90	2.5X	ROF	13.48	318	eP	54	20.80	-7.2X
	0.9s		27.00nm				GRG	3.14	32	ePn	52	06.90	2.1	BSF	13.63	319	eP	54	29.70	-0.4
NEW	128.75	301	ePKP	03	32.00	-0.9				eSn	52	50.10		MOX	13.75	336	eP	54	31.00	-0.5
SOD	130.14	24	iPKP	03	35.20	0.3	PAIG	3.15	58	ePnd	52	05.00	0.1		1.0s		22.00nm			5.0mb X
			i	06	44.20					eSn	52	46.50		CDF	13.77	321	eP	54	32.70	0.9

20d 07h

CLL 13.95 341 iPd 54 43.80 9.8X
1.3s 19.00nm 4.7mb
HAU 13.98 318 eP 54 34.20 -0.3
LBF 14.72 311 eP 54 50.50 6.2X
LOR 14.94 312 eP 54 54.70 7.6X
0.5s 2.10nm 3.8mb
WLF 15.16 325 P 54 58.50 8.6X
MZF 15.22 307 eP 54 55.70 4.9X
GRC 15.41 311 iPc 55 00.80 7.6X
TOL 18.87 282 eP 55 45.00 8.2X
UPP 21.62 356 iP 55 58.60 -7.5X
HFS 22.22 351 eP 56 11.00 -1.1
0.6s 13.80nm 4.6mb
Z 12s 0.21um 3.8MszX
LR 05 29.00
NUR 22.39 6 iP 56 12.50 -1.2
0.9s 16.90nm 4.5mb
EKA 23.17 325 P 56 23.00 1.6
0.8s 9.70nm 4.4mb
NB2 23.43 349 P 56 23.70 -0.3
0.7s 4.60nm 4.1mb
SUF 24.70 7 iP 56 35.80 -0.4
0.7s 12.50nm 4.7mb
KJF 26.30 / iP 56 50.00 -1.2
0.9s 28.70nm 4.9mb
BNG 33.76 183 iPc 58 00.30 2.3
0.6s 6.00nm 4.7mb
KIC 39.02 222 eP 58 42.60 0.0
GBA 56.07 100 P 00 56.00 0.3
0.3s 3.00nm 4.8mb
INK 71.89 350 eP 02 37.00 -1.6
YKA 73.17 340 eP 02 47.10 0.8
CGP 96.01 74 eP 04 43.00 0.1
S.D. = 1.3 on 62 of 86 obs.

? MAY 20, 1985 08h 11m 32.84± 2.80s
66.171 N ±29.2km 150.079 W ±14.5km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 2.6 (³MR).

IMA 1 47 268 iPc 12 00.00 0.5
COL 1.59 142 iP 12 00.30 -0.8
e 12 03.00
eS 12 23.00
FBA 1.59 142 iPd 12 00.40 -0.7
TTA 4.14 221 eP 12 36.20 -1.3
TOA 4.43 155 eP 12 43.00 1.4
PWA 4.54 179 eP 12 44.00 0.9
INK 6.77 64 eP 13 10.00 -4.6X
S.D. = 1.4 on 6 of 7 obs.

? MAY 20, 1985 08h 39m 43.27± 1.93s
1.964 N ±18.7km 126.461 E ±19.7km
DEPTH = 176.0 ± 14.7 km
5.0mb (6 obs.)
MOLUCCA PASSAGE (266)

MNI 1.70 152 eP 40 17.00 -0.2
eS 41 16.50
TRT 16.81 235 ePd 43 24.00 -5.9X
0.7s 64.70nm 5.1mb
KNA 17.75 173 eP 43 50.00 9.2X
WRA 23.10 161 P 44 41.00 6.3X
0.7s 5.90nm 4.2mb
WB2 23.11 161 eP 44 37.20 2.5
MBL 23.88 195 iPc 44 43.50 1.4
NAU 26.60 203 eP 45 06.00 -1.2
WBN 27.94 180 iPc 45 22.80 3.6X
LOE 28.74 304 eP 45 27.00 0.5
MEY 29.42 195 iPd 45 32.50 0.1
0.4s 13.00nm 5.0mb
MRWA 32.59 197 iPd 45 59.40 -0.6
0.4s 7.00nm 4.7mb
BAL 33.70 195 iPd 46 15.40 5.8X
KLB 34.38 193 iPd 46 15.50 0.1
MUN 35.13 195 iPc 46 21.20 -0.6
NWAO 35.78 193 iPc 46 27.50 0.3
0.6s 40.00nm 5.3mb
STK 36.60 158 iPd 46 34.60 0.5
RKG 36.93 193 iPd 46 41.80 4.9X
0.4s 20.00nm 5.1mb
YOU 41.52 152 eP 47 13.90 -1.0
CAN 42.67 152 eP 47 23.10 -1.1
WAM 43.34 153 eP 47 28.80 -0.7
S.D. = 1.2 on 14 of 20 obs.

MAY 20, 1985 10h 00m 29.26± 0.46s
42.246 N ± 3.8km 13.295 E ± 2.4km
DEPTH = 12.6 ± 3.2 km
4.7mb (9 obs.)
CENTRAL ITALY (381)
ML 4.5 (LDG), 4.5 (TRI), 4.2
(TTG).

AQU 0.13 36 ePg 00 32.20 -0.6
MNS 0.48 287 iPgc 00 39.50 0.5
0.5s 1200.00nm
DUI 1.05 124 ePg 00 48.00 -0.7
eSg 01 02.50
SGO 2.27 137 iPnc 01 07.50 0.5
iSn 01 58.50
BRT 3.24 114 ePn 01 21.80 1.1
eSn 02 00.00
ORI 3.24 132 ePn 01 24.00 3.3X
CVF 3.29 277 Pn 01 22.80 1.2
Sn 02 03.30
TRI 3.48 5 ePn 01 23.10 -1.0
iPg 01 33.50
i 01 38.50
iSn 02 04.50
iSg 02 22.50
i 02 28.50
CEY 3.59 13 iPn 01 26.10 0.4
i 01 40.20
iSn 02 09.40
VOY 3.81 6 ePnc 01 28.70 -0.3
i 01 44.30
iSn 02 13.00
iSg 02 31.40
HCY 3.86 85 ePn 01 29.90 0.3
eSn 02 15.00
LJU 3.90 13 iPn 01 30.67 0.5
i 01 41.50
i(Sn) 02 16.00
SAL 3.91 330 ePn 01 31.80 1.5
eSn 02 19.00
BRY 3.93 79 ePn 01 31.00 0.3
eSn 02 18.50
CTI 3.98 343 ePn 01 31.50 0.1
0.4s 260.00nm
LCI 4.00 117 ePn 01 34.50 3.0X
1.0s 280.00nm
TTG 4.43 86 ePn 01 38.00 0.4
eSn 02 29.00
ULC 4.44 92 ePn 01 38.60 0.8
eSn 02 27.00
PLE 4.62 74 ePn 01 42.00 1.5
eSn 02 34.00
KBA 4.83 0 iPnc 01 43.70 0.1
iPg 02 02.80
iSn 02 38.30
i 03 14.40
OGA 4.90 341 ePn 01 43.50 -1.0
IVA 4.92 80 ePn 01 46.00 1.3
PVY 4.96 84 ePn 01 46.00 0.7
OSS 4.98 334 ePd 01 46.60 1.0
VDL 5.05 328 eP+ 01 47.60 1.0
FRF 5.06 287 Pn 01 46.80 0.2
ORO 5.11 313 e(Pn) 01 16.50 -31.0X
eSn 02 48.00
LRG 5.24 286 Pn 01 49.60 0.4
MMK 5.40 317 ePd 01 54.50 2.8X
GAP 5.47 344 eP 01 53.90 1.5
LLS 5.55 328 ePd 01 54.10 0.4
DIX 5.71 314 eP+ 01 59.60 3.5X
OHR 5.73 99 iPn 01 56.00 -0.2
SAX 5.74 332 eP+ 01 57.90 1.4
KMR 5.84 6 iPn- 01 59.00 1.4
iSn 03 03.20
EMS 5.96 312 eP+ 02 01.60 2.1
SKO 6.06 90 iPn 02 01.00 0.2
iSn 03 12.50
ZUL 6.29 328 eP+ 02 04.10 0.1
VKA 6.39 18 e(Pn) 02 07.50 2.2X
i 04 03.60
SLE 6.48 330 eP+ 02 05.70 -1.0
ZST 6.53 23 e(P) 02 06.50 -0.8
e 02 09.00
i 02 24.30
e 04 16.00
SRO 6.60 31 ePn 02 08.60 0.2
Z 14s 3.10um
i(Pg) 02 38.90
i(Sn) 03 19.30
i(Sb) 03 40.50
i 04 27.50
GRC1 6.86 350 ePn 02 11.90 -0.1
e 02 29.10
e 02 36.00
KHC 6.89 2 Pn 02 11.00 -1.4
iSn 03 27.40
WET 6.91 358 eP 02 14.60 1.9
GRG 6.95 98 ePc 02 12.20 -1.1
VAY 6.99 94 iPn 02 12.80 -1.1
BSF 7.24 323 Pn 02 15.70 -1.7
Sn 03 34.00
LIT 7.26 104 ePd 02 16.80 -0.8
VTS 7.34 84 iPd 02 18.00 -0.7
PSZ 7.35 37 ePn 02 19.80 0.9
BUH 7.35 333 eP 02 17.60 -1.3
CDF 7.48 328 Pn 02 18.60 -2.2
Sn 03 39.40
HAU 7.57 322 Pn 02 20.10 -1.8
Sn 03 42.20
SOH 7.68 97 ePd 02 22.80 -0.7
PRU 7.79 6 Pnc 02 25.00 0.0
Z 16s 0.40um
E 17s 2.60um
Sn 03 48.00
MMB 7.81 91 iPc 02 25.00 -0.3
DEV 7.82 59 ePc 02 37.00 11.6X
GWE 7.82 331 iPd 02 24.00 -1.4
JOS 8.06 37 e(Pn) 02 27.00 -1.8
SMF 8.07 306 Pn 02 28.20 -0.7
Sn 03 57.00
HOF 8.13 354 iPd 02 30.70 0.9
LBF 8.16 309 Pn 02 28.80 -1.5
Sn 03 59.00
PAIG 8.18 103 ePc 02 28.40 -2.0
LOR 8.38 310 Pn 02 31.60 -1.7
Sn 04 04.40
AVF 8.43 306 Pn 02 33.90 -0.1
SPC 8.47 33 eP 02 36.60 1.9
PLD 8.47 87 iPd 02 36.00 1.4
MOX 8.48 353 eP 02 34.00 -0.7
Z 14s 1.40um
E 18s 2.10um
CAF 8.58 292 Pn 02 36.50 0.4
BGF 8.63 304 Pn 02 36.80 0.0
MZF 8.65 301 Pn 02 37.70 0.6
TNS 8.66 339 eP 02 37.40 0.3
eS 04 13.30
PVL 8.79 80 iPd 02 37.00 -2.0
KSP 8.84 12 eP 02 38.00 -1.6
e 05 39.00
GRC 8.85 308 iPd 02 38.90 -0.8
WLF 8.93 329 P 02 41.80 1.0
KDZ 9.01 90 iP 02 41.00 -0.9
CMP 9.02 66 ePc 02 46.00 3.8X
MLS 9.04 279 eP 02 42.00 -0.4
RJF 9.05 294 Pn 02 42.90 0.3
KRA 9.07 28 eP 03 02.20 19.5X
CLL 9.07 359 eP 02 43.00 0.3
i 05 20.80
DIM 9.13 87 eP 02 43.00 -0.7
LPO 9.14 290 Pn 02 43.50 -0.2
LSF 9.34 299 Pn 02 47.40 0.8
LFF 9.50 291 Pn 02 48.70 -0.1
MLR 9.69 66 eP 02 53.00 1.4
JMB 9.84 84 iPc 02 53.00 -0.5
DOU 9.90 325 P 03 01.10 7.0X
Sn 04 58.30
ENN 9.92 332 iPn 02 59.50 5.1X
1.0s 13.00nm 5.3mb X
e 03 08.00
WTS 10.70 338 e(Pn) 03 05.00 -0.1
DBN 11.29 334 eP 03 11.00 -2.2
Z 18s 1.00um
eS 05 09.00
HFS 17.92 1 eP 04 40.90 1.4
0.8s 2.90nm 3.5mb X
NB2 18.86 357 P 04 50.60 -0.6
0.8s 4.00nm 3.7mb
NUR 19.56 17 iP 04 58.00 -1.5
0.9s 18.60nm 4.4mb
Z 18s 0.80um
LR 13 30.00
SUF 21.87 16 iP 05 22.70 -0.5
0.8s 13.70nm 4.4mb
KJF 23.51 16 iP 05 40.80 1.4

0.7s 16.00nm 4.7mb
SOD 26.20 12 eP 06 01.00 -4.0X
BNG 37.94 171 ePd 07 49.10 0.9
0.5s 4.00nm 4.5mb
DMN 59.04 79 eP 10 30.70 -0.9
1.0s 20.00nm 5.2mb
KKN 59.06 79 eP 10 30.80 -1.0
1.0s 16.00nm 5.1mb
PKI 59.28 79 eP 10 32.10 -1.3
1.0s 14.00nm 5.0mb
YKC 67.55 337 eP 11 27.00 0.0
YKA 67.58 337 eP 11 27.40 0.3
FFC 68.80 326 eP 11 35.00 0.2
1.2s 9.00nm 4.8mb
EDM 74.41 330 eP 12 09.00 0.5
RLO 78.19 308 e(P) 12 30.50 0.6
LRM 79.89 325 eP 12 40.90 1.5
S.D. = 1.1 on 97 of 109 obs.

MAY 20, 1985 10h 22m 46.03± 0.42s
33.494 S ± 7.9km 72.184 W ± 6.3km
DEPTH = 33.0km (normal)
4.9mb (17 obs.) 4.5Msz (2 obs.)
OFF COAST OF CENTRAL CHILE (134)
Felt (III) at Santiago.

MDZ 2.86 79 eP 23 32.50 2.1
RFA 3.34 113 iPc 23 38.40 1.2
(S) 24 32.40
RTCV 3.48 63 ePc 23 40.60 1.4
S 24 28.60
RTCB 3.49 56 iPd 23 40.60 1.2
S 24 29.00
RTLL 3.81 57 ePc 23 44.30 0.4
S 24 30.50
CFA 3.83 62 ePc 23 44.70 0.6
S 24 40.50
TCA 6.77 74 ePd 24 23.00 -2.7
S 25 41.00
CYA 7.44 49 e(P) 24 31.20 -3.9X
ANT 9.88 9 eP 25 03.00 -5.7X
eS 27 10.50
SLA 10.51 36 ePd 25 11.80 -5.8X
S 27 40.00
YJA 12.73 29 e(P) 25 42.80 -5.1X
ARE 16.97 2 eP 26 44.00 1.1
LPB 17.29 13 P 26 48.00 1.1
1.2s 250.00nm 5.2mb
i 26 51.00
(S) 30 45.00
LR 32 54.00
NNA 21.83 348 eP 27 37.00 -0.5
1.3s 105.77nm 5.1mb
VAO 24.49 71 ePc 28 02.30 -1.2
i 28 08.80
RDJ 27.54 75 eP 28 11.00 -20.7X
BAO 28.17 57 Pc 28 34.40 -3.3X
e 28 35.40
e 28 36.40
PSO 34.84 351 eP 29 44.00 7.4X
SOB1 37.59 57 eP 29 57.50 -2.0
0.8s 15.60nm 4.9mb
e 30 04.60
BOG 37.95 357 eP 30 14.00 11.2X
eS 36 22.00
ITR 39.66 59 eP 30 14.70 -2.0
1.0s 55.10nm 5.3mb
i 30 22.50
SNA 52.10 156 eP 31 54.80 0.2
SPA 56.68 180 eP 32 28.80 0.3
1.0s 9.00nm 4.8mb
PRM 67.90 351 eP 33 42.00 -1.3
JCT 68.78 335 eP 33 48.10 -0.8
1.0s 10.50nm 4.9mb
LTX 69.23 331 P 33 52.00 0.2
1.2s 5.80nm 4.5mb
RSCP 69.87 348 eP 33 56.20 0.7
BHO 70.79 340 eP 34 01.70 0.6
TUL 72.49 340 eP 34 10.20 -1.0
1.2s 27.00nm 5.1mb
Z 22s 0.15um 4.2Msz
RLO 72.51 341 eP 34 11.70 0.4
FVM 73.11 345 eP 34 14.00 -0.8
1.1s 14.63nm 4.9mb
MAW 73.70 164 eP 34 18.00 0.1
KIC 75.04 72 iP 34 23.90 -2.6
ALQ 75.28 331 eP 34 26.50 -1.2

1.2s 11.72nm 4.8mb
Z 18s 0.48um 4.8Msz
WIN 77.34 109 eP 34 20.00 -19.6X
1.2s 42.19nm
GLA 77.40 324 eP 34 50.00 10.6X
MIM 78.42 2 eP 34 45.00 0.4
RMU 78.97 329 eP 34 50.50 2.4
GLD 79.03 335 eP 34 56.00 7.6X
GOL 79.04 335 P 34 51.00 2.4
VIR 81.89 118 e(P) 35 14.10 10.2X
S 44 15.00
RSSD 82.52 337 eP 35 07.30 0.5
1.0s 4.00nm 4.4mb
EUR 83.16 327 iP 35 11.20 1.0
0.5s 1.33nm 4.3mb
BDW 83.27 333 eP 35 10.20 -0.5
1.0s 3.00nm 4.4mb
SLR 84.25 117 eP 35 15.50 -0.5
0.9s 17.65nm 5.2mb
i 44 59.80
ORV 85.83 324 eP 35 24.40 1.1
RSON 86.11 347 eP 35 24.10 -0.3
1.1s 5.81nm 4.7mb
MIN 86.49 324 eP 35 37.00 10.3X
LRM 86.95 333 ePd 35 29.70 0.7
BUL 87.65 113 iPd 35 33.40 0.5
0.9s 7.98nm 5.0mb
SCH 88.07 3 eP 35 33.00 -0.8
SES 90.32 336 eP 35 43.50 -1.1
KRI 90.32 110 eP 35 46.00 0.4
NEW 90.77 332 P 35 46.00 -0.7
MTD 91.89 111 eP 35 54.00 1.3
BNG 93.03 87 iPc 35 57.90 0.0
0.8s 8.00nm 5.2mb
EDM 93.47 337 ePd 35 57.50 -1.5
YKA 101.54 341 ePdiff36 35.30 -0.1
MNS 108.27 51 ePdiff37 00.50 -5.3X
VOY 110.74 48 ePdiff37 10.50 -6.4X
i 37 11.90
i 37 14.40
KBA 110.88 47 iPdiff37 24.00 6.4X
1.3s 98.80nm
id 37 27.10
i 37 41.90
i 39 15.50
KHC 111.94 45 iPdiff37 39.70 17.6X
0.9s 30.50nm
e 37 52.00
PRU 112.87 44 ePdiff37 41.50 15 3X
VKA 113.21 47 e(Pdif37 20.50 -7.2X
ZST 113.66 47 e(Pdif37 19.00 -10.7X
SRO 114.24 48 ePdiff37 28.50 -3.8X
KRA 116.10 46 ePdiff37 38.90 -1.6
i 37 39.70
e 37 48.10
GBA 146.03 118 PKPc 42 22.50 -1.2
0.6s 16.60nm
POO 146.21 108 iPKPc 42 26.00 1.9
PSI 148.25 163 ePKPc 42 30.50 3.1X
0.6s 24.90nm
KGM 148.40 171 ePKPc 42 30.50 2.8X
HYB 149.25 114 ePKP 42 15.00 -13.9X
0.8s 26.90nm
BSI 149.82 155 ePKP 42 33.50 3.7X
IPM 150.54 166 ePKPd 42 36.10 5.1X
CHG 163.37 149 ePKP 42 58.00 11.5X
S.D. = 1.3 on 48 of 75 obs.

MAY 20, 1985 10h 33m 41.20± 0.42s
36.142 N ± 4.2km 28.813 E ± 3.2km
DEPTH = 45.4 ± 4.4 km
4.7mb (38 obs.) 3.8Msz (1 obs.)
DODECANESE ISLANDS (369)

ELL 1.07 55 iPn 34 01.80 1.7
YER 1.08 337 iPnd 34 02.20 2.0
BCK 1.94 47 iPn 34 14.90 2.5X
IZM 2.57 332 iPn 34 21.00 -0.3
NPS 2.75 252 iPnc 34 26.50 2.6
eSg 34 55.00
ALT 3.09 19 iPn 34 29.00 0.3
DST 3.46 358 iPn 34 33.10 -0.9
PRK 3.70 328 ePn 34 37.50 0.3
ePb 34 51.00
eSn 35 24.50
CSS 3.87 106 eP 34 39.50 -0.2
eS 35 25.00

KCT 4.12 355 ePn 34 39.00 -4.2X
EZN 4.17 333 iPn 34 43.10 -0.8
EDC 4.26 350 iPnc 34 44.20 -1.1
ATH 4.47 296 ePn 34 50.20 2.1
eSg 35 50.50
MFT 4.79 346 ePn 34 49.40 -3.4X
ISK 4.92 2 iPn 35 52.40 -2.1
CTT 5.01 357 iPn 34 54.40 -1.3
PAIG 5.54 315 ePn 35 03.90 0.6
eSn 36 01.00
OUR 5.65 319 ePn 35 05.80 0.9
eSn 36 04.30
DMK 5.73 352 iPnd 35 04.10 -1.9
BHL 6.04 110 Pnc 35 08.00 -2.4
Sn 36 11.00
ADI 6.11 118 iP 35 10.00 -1.3
KDZ 6.12 335 iPd 35 10.00 -1.4
CRI 6.20 122 iP 35 11.50 -1.1
SOH 6.34 319 ePn 35 15.70 1.2
eSn 36 20.70
LIT 6.36 310 ePnc 35 15.80 1.0
HRI 6.38 115 iP 35 14.00 -1.2
DIM 6.41 338 eP 35 15.00 -0.4
THE 6.42 316 ePn 35 17.10 1.6
SRS 6.43 322 ePnd 35 16.40 0.6
JMB 6.55 345 eP 35 17.00 -0.4
HLW 6.62 161 eP 35 18.00 -0.4
iS 36 28.00
MMB 6.73 325 iPc 35 20.00 0.0
PLD 6.76 333 eP 35 21.00 0.7
GVI 6.78 130 iP 35 20.00 -0.6
eS 36 32.00
JER 6.86 128 ePc 35 20.00 -1.9
eS 36 31.50
VLS 6.87 290 ePn 35 25.00 3.0X
KZN 6.93 309 ePn 35 25.00 2.2
GRG 6.95 316 ePn 35 24.90 1.8
eSn 36 37.20
VAY 7.11 319 iPn 35 26.00 0.8
MKT 7.40 133 iP 35 29.00 -0.4
eS 36 48.00
PVL 7.54 339 iPc 35 30.00 -1.2
PSN 7.55 357 eP 35 33.00 1.7
VTS 7.78 328 iP 35 26.00 -8.5X
OHR 8.00 311 iPn 5 39.80 2.1
SKO 8.17 318 iPnc 35 42.00 2.0
i 35 45.00
iSn 37 05.00
BUC 8.52 347 eP 35 48.00 3.3X
CMP 9.55 344 ePc 36 03.00 3.9X
MLR 9.59 348 iPc 36 00.00 0.3
TTG 9.70 313 e(P) 36 03.00 1.9
RTB 9.94 104 ePnd 36 03.50 -0.9
iP• 36 25.00
iPg 36 49.50
iSn 37 45.00
iS• 38 11.50
iSg 38 41.00
i 38 58.00
DEV 10.70 337 ePc 36 29.00 14.3X
MSL 11.58 85 eP 36 30.00 3.3X
GIB 11.96 283 eP 36 31.60 -0.3
DUI 12.46 301 ePn 36 40.00 1.6
ASW 12.53 163 iP 36 38.00 -1.4
eS 42 42.00
BHD 13.13 98 ePd 36 50.00 2.7X
e 40 15.00
e 40 55.50
e 41 22.00
e 43 40.00
AQU 13.45 302 ePg 36 56.50 5.0X
TAB 14.11 77 eP 37 09.00 8.7X
LJU 14.60 317 eP 37 07.50 1.0
e(S) 40 53.00
TRI 14.83 315 ePn 37 08.10 -1.4
eSn 40 05.50
i 41 40.00
i 42 12.00
KER 15.06 91 eP 37 14.00 1.3
CTI 16.26 313 ePn 37 28.50 0.6
SAL 16.72 310 ePn 37 45.00 11.4X
WET 17.45 323 iPc 37 43.50 0.7
1.0s 57.00nm 4.7mb
OSS 17.48 313 eP 37 45.40 2.1
VDL 17.79 311 eP 37 49.10 2.0
IR2 17.90 85 iPc 37 49.00 0.5
SAX 18.24 313 eP 37 52.00 -0.8

20d 10h

LLS 18.26 312 eP 37 53.10 0.2
MMK 18.52 309 eP 37 56.10 -0.1
FRF 18.53 300 eP 37 54.70 -1.4
1.0s 25.00nm 4.4mb
GRF 18.63 322 iPc 37 56.30 -0.9
Z 20s 0.60um
e 37 59.30
e(S) 41 24.00
LRG 18.70 300 eP 37 57.70 -0.4
1.5s 108.80nm 4.8mb
DIX 18.89 308 eP 37 59.90 -0.8
ZUL 18.92 313 eP 38 00.00 -0.8
CLL 18.92 328 iP 37 59.00 -1.8
1.4s 18.00nm 4.1mb
i 38 11.80
e 42 50.00
SLE 19.00 314 eP 38 00.10 -1.6
MOX 19.07 3.5 iP 38 01.50 -1.0
1.8s 185.00nm 5.0mb
Z 14s 1.00um 4.9Msz
N 16s 1.00um
E 16s 0.70um
eS 41 28.00
CDR 19.18 300 ePd 38 02.00 -1.8
i 38 03.30
e 38 26.40
EMS 19.19 308 eP 38 02.30 -1.8
BUH 19.62 316 eP 38 07.20 -1.5
CDF 20.03 314 eP 38 11.40 -1.6
1.2s 35.70nm 4.6mb
BSF 20.03 312 eP 38 11.70 -1.4
1.3s 42.70nm 4.6mb
GWF 20.12 316 eP 38 11.40 -2.5
TNS 20.37 320 eP 38 14.60 -1.9
HAU 20.38 313 eP 38 15.00 -1.6
1.0s 26.90nm 4.5mb
SHI 20.91 1.1 eP 38 23.00 0.6
WLF 21.30 316 P 38 30.20 4.4X
SMF 21.39 307 eP 38 25.50 -1.3
LBF 21.42 308 eP 38 25.50 -1.7
LOR 21.60 309 eP 38 27.50 -1.5
1.1s 30.20nm 4.6mb
SSF 21.75 308 eP 38 29.30 -1.1
AVF 21.75 307 eP 38 29.30 -1.2
1.0s 45.80nm 4.8mb
MEM 21.88 318 P 38 31.90 0.3
BGF 22.00 306 eP 38 32.10 -0.9
0.9s 29.90nm 4.7mb
ENN 22.01 319 ePd 38 32.50 -0.4
1.0s 20.00nm 4.5mb
e 38 43.50
CAF 22.06 302 eP 38 32.60 -1.0
1.0s 16.00nm 4.4mb
MZF 22.07 305 eP 38 32.40 -1.2
1.0s 22.20nm 4.5mb
GRC 22.11 318 iPc 38 33.70 -0.3
i 38 54.30
WTS 22.25 322 eP 38 33.50 -1.8
1.0s 16.00nm 4.4mb
e 38 47.00
MLS 22.38 296 eP 38 36.60 -0.1
DOU 22.39 316 P 38 36.80 0.1
S 43 04.00
COP 22.52 335 eP 38 53.00 15.1X
1.0s 52.42nm
RJF 22.53 302 eP 38 37.80 -0.4
1.0s 40.00nm 4.8mb
EBR 22.61 291 eP 38 40.00 1.0
LPO 22.62 301 eP 38 39.30 0.3
1.0s 32.00nm 4.7mb
LSF 22.78 305 eP 38 39.70 -0.9
0.8s 12.90nm 4.4mb
WIT 22.82 324 e(P) 38 36.50 -4.4X
EPF 22.93 296 eP 38 41.70 -0.5
0.8s 7.20nm 4.2mb
LFF 22.98 301 eP 38 43.00 0.4
0.9s 21.20nm 4.6mb
MFF 23.99 305 eP 38 52.40 0.1
1.2s 65.40nm 5.0mb
MUD 24.27 333 iP 38 55.80 0.8
0.9s 15.00nm 4.5mb
e 39 11.00
NUR 24.53 355 eP 38 59.00 1.5
0.8s 54.30nm 5.1mb
Z 20s 0.30um 3.8Msz
i 39 09.20
eS 43 32.00

LR 49 21.00
LDF 24.57 309 eP 38 57.90 -0.1
1.0s 32.00nm 4.8mb
MHI 24.71 80 iPc 39 02.00 2.5X
eS 43 30.00
UPP 24.81 347 iP 39 02.10 2.0
FLN 24.86 310 eP 39 00.30 -0.4
0.8s 16.10nm 4.6mb
GRR 24.97 309 eP 39 01.30 -0.5
1.0s 53.80nm 5.0mb
LPF 24.98 308 eP 39 01.70 -0.1
1.0s 44.40nm 5.0mb
HFS 25.91 343 eP 39 08.60 -1.9
0.7s 4.20nm 4.1mb
Z 14s 0.72um 4.4MszX
LR 47 47.00
TOL 26.08 288 iPd 39 12.50 0.3
1.2s 3.00nm 3.7mb
e(S) 44 04.00
SUF 26.65 357 eP 39 19.00 1.7
0.6s 4.10nm 4.2mb
NB2 27.32 341 P 39 22.10 -1.3
0.8s 3.60nm 4.1mb
KJF 28.10 359 eP 39 31.00 0.7
0.8s 17.60nm 4.8mb
i 39 41.80
eS 44 40.00
BNG 32.94 199 ePc 39 45.00 -28.6X
0.4s 34.00nm
id 40 16.20
id 40 34.90
ic 50 40.00
NDI 41.19 86 eP 41 23.80 0.8
KIC 42.69 234 iP 41 37.00 1.6
WMQ 44.93 61 Pd 41 54.40 1.0
DAG 45.80 346 eP 42 01.00 1.3
DMN 47.99 84 iPc 42 18.70 8.8
0.9s 89.00nm 5.8mb X
KKN 48.05 83 iPc 42 18.80 0.4
0.9s 43.00nm 5.5mb
PKI 48.25 83 iPc 42 20.20 0.2
1.0s 52.00nm 5.5mb
ALE 54.56 351 eP 43 05.00 -1.5
1.2s 15.00nm 4.9mb
BUL 55.98 180 iPc 43 20.20 2.7
0.8s 5.60nm 4.6mb
LZH 59.09 66 eP 43 39.00 -0.4
CD2 61.26 71 P 43 54.80 0.6
FRB 61.33 330 eP 43 57.00 2.9X
HHC 62.61 58 eP 44 04.00 0.8
KMI 63.19 77 eP 44 07.00 -0.3
XAN 63.73 66 eP 44 10.40 -0.2
TIY 64.60 61 eP 44 16.70 0.5
GYA 65.61 74 P 44 23.40 0.5
MBC 66.08 352 eP 44 24.00 -1.0
BJI 66.12 57 eP 44 26.50 0.7
NNT 67.33 91 eP 44 34.50 0.6
TIA 68.61 60 eP 44 42.70 1.0
WHN 69.44 67 eP 44 48.00 1.3
CN2 70.29 50 eP 44 54.00 2.2
QIZ 71.96 79 eP 45 05.00 2.8X
NJ2 71.96 63 eP 45 01.00 -1.0
GZH 72.54 74 eP 45 07.50 2.0
SSE 74.16 63 eP 45 16.50 1.7
INK 75.04 353 eP 45 18.00 -1.3
YKC 77.38 343 eP 45 32.00 -0.5
YKA 77.39 344 eP 45 32.80 0.2
IMA 78.10 1 eP 45 38.50 1.9
COL 79.26 359 eP 45 44.00 1.3
FBA 79.26 359 e(P) 45 42.90 0.2
SOB1 79.41 250 eP 45 45.80 1.4
0.5s 6.00nm 4.8mb
EDM 85.14 338 ePc 46 13.50 0.0
SES 86.84 336 eP 46 22.00 0.0
NEW 90.64 338 eP 46 40.70 0.6
RLO 91.13 318 eP 46 41.40 -1.1
LRM 91.25 334 eP 46 43.40 0.2
TUL 91.74 318 eP 46 45.50 0.2
0.8s 7.50nm 5.2mb
S.D. = 1.2 on 145 of 165 obs.

? MAY 20, 1985 10h 50m 49.88± 3.28s
32.992 S ±23.0km 70.879 W ±22.4km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

PEL 0.22 133 iP 50 56.80 0.0

iS 51 33.00
BACH 0.48 138 iP 51 00.50 0.1
iS 51 39.00
FCH 0.60 124 eP 51 02.00 -0.2
TACH 0.66 184 eP 51 02.80 0.0
e(S) 51 42.00
CHCH 0.96 169 iPd 51 07.00 -0.1
iS 51 49.50
MDZ 1.71 87 eP 51 17.90 0.0
iS 52 04.60
S.D. = 0.1 on 6 of 6 obs.

% MAY 20, 1985 11h 03m 39.56± 0.70s
60.305 N ± 6.3km 5.342 E ± 7.9km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.1 (BER).

BER 0.01 282 iP+ 03 40.70 -0.7
ASK 0.12 323 iPg 03 42.50 0.0
iSg 03 44.00
SUE 0.73 337 iPg 03 53.70 -0.2
iSg 04 04.60
ODD 0.79 123 iPn 03 54.50 -0.5
eSn 04 08.20
HYA 0.89 28 iPn 03 57.10 0.6
iSn 04 12.00
KMY 1.18 182 iPn 04 02.00 0.5
eSn 04 17.60
S.D. = 0.7 on 6 of 6 obs.

? MAY 20, 1985 11h 13m 00.35± 4.11s
23.359 N ±18.3km 122.165 E ±35.8km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWD 0.89 324 iPd 13 17.10 -0.3
TWG 1.14 242 iPd 13 21.30 -0.4
TWC 1.28 347 iPd 13 23.80 -0.2
TWK 1.54 267 Pd 13 28.50 0.5
TATO 1.72 339 iP 13 31.00 0.5
iS 13 50.50
TWZ 1.81 343 iPc 13 31.70 -0.1
SSE 7.76 354 eP 15 04.20 8.2X
S.D. = 0.5 on 6 of 7 obs.

• MAY 20, 1985 12h 07m 35.38± 1.78s
6.333 S ±19.2km 130.080 E ±16.0km
DEPTH = 33.0km (normal)
BANDA SEA (280)

TLE 2.74 76 iPc 08 18.20 0.2
KNA 9.45 188 iPc 09 53.20 0.9
0.3s 85.00nm 6.4mb X
eS 11 26.00
WB2 14.15 163 eP 10 54.20 -1.5
i 10 58.30
iS 13 39.10
ASPA 17.62 168 eP 11 41.00 0.8
eS 14 41.00
MBL 17.77 213 eP 11 42.00 0.1
eS 14 42.00
NAU 21.39 220 eP 12 22.00 -0.5
S.D. = 1.2 on 6 of 6 obs.

MAY 20, 1985 13h 19m 35.01± 0.50s
43.320 N ± 5.2km 20.930 E ± 4.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
3.3 (TTG). Felt at Knezevo.

IVA 0.88 240 ePg 19 50.70 -1.2
PVY 1.01 224 ePg 19 52.50 -1.7
eSg 20 06.50
PLE 1.12 271 ePg 19 56.00 -0.1
eSg 20 10.50
SKO 1.40 164 iPgd 19 59.40 -1.2
iSg 20 17.00
TTG 1.52 235 ePg 20 02.00 -0.2
eSg 20 24.00
SSR 1.65 21 iP 20 04.00 -0.1
BRY 1.80 257 ePn 20 07.40 1.0
eSn 20 32.00
ULC 1.84 223 ePn 20 08.00 1.1
e(Sn) 20 36.00
BDV 1.86 237 ePn 20 08.70 1.5
eSn 20 36.00

HCY	1.99	245	iPn	20 11.00	2.0
			eSn	20 37.50	
MMB	2.70	129	iPc	20 19.00	-0.3
DEV	2.92	28	iPc	20 37.00	14.6X
PLD	3.03	112	eP	20 33.00	9.1X
PVL	3.10	92	iPc	20 25.00	0.1
CMP	3.53	55	ePc	20 46.00	14.9X
DIM	3.66	109	eP	20 45.00	12.1X
KDZ	3.67	116	iP	20 41.00	7.9X
MLR	4.20	57	eP	20 42.00	1.4
JMB	4.24	100	eP	20 38.00	-3.1X
JOS	5.18	357	e(P)	20 53.00	-1.4
CEY	5.24	300	e(Pn)	20 54.90	-0.4
			eSg	22 25.90	
LJU	5.31	303	ePn	20 55.90	-0.4
			eSn	21 57.50	
TRI	5.65	297	eP	21 40.00	38.9X
			e	22 07.30	
			e	22 36.90	
VOY	5.70	301	ePn	21 01.60	-0.3
			eSn	22 06.70	
KBA	6.54	308	i(Pg)	21 14.50	0.7
			i	22 24.80	
CTI	7.15	296	e(Pn)	21 21.00	-1.3
KHC	7.73	321	eP	21 31.00	0.8
			e	23 02.00	

S.D. = 1.1 on 20 of 27 obs.

? MAY 20, 1985 13h 50m 40.42± 5.85s
24.425 N ±13.3km 121.908 E ±64.3km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWC	0.19	344	iPd	50 44.50	-0.1
			eS	50 47.50	
TWD	0.45	220	iPd	50 49.50	0.0
			eS	50 56.60	
TATO	0.67	325	iP	50 53.50	-0.2
			iS	51 03.00	
TWZ	0.73	336	iPd	50 54.50	-0.3
			eS	51 05.00	
ANP	0.83	335	eP	50 57.20	0.6

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

& MAY 20, 1985 13h 54m 31.49s
60.644 N 147.616 W
DEPTH = 30.0km
4.1mb (4 obs.)
SOUTHERN ALASKA (2)
<AGS-P>. ML 4.4 (PMR). Felt (IV) at Cooper Landing, (III) at Valdez and (II) at Anchorage.

GLI	0.35	47	iP	54 39.59	-0.1
TTV	0.48	30	iP	54 41.31	-0.3
CFI	0.55	352	iP	54 41.86	-0.8
FID	0.57	79	iP	54 42.11	-0.9
VZW	0.67	51	iP	54 43.99	-0.7
PTE	0.73	288	iP	54 44.05	-1.5
VLZ	0.80	52	iP	54 45.94	-0.5
			iS	54 57.69	
KNK	0.87	332	iP	54 46.81	-0.8
MPA	0.88	261	iP	54 46.23	-1.4
CVA	0.93	95	iP	54 48.61	0.3
SEW	1.06	240	iP	54 48.98	-1.3
			iS	55 02.60	
PMS	1.12	303	iP	54 50.36	-0.9
KLU	1.19	43	iP	54 52.21	0.0
SGAM	1.20	96	iP	54 52.59	0.3
SCM	1.20	7	iP	54 52.45	0.1
PLRM	1.20	323	iP	54 51.60	-0.7
			iS	55 08.60	
PMR	1.20	323	iPc	54 51.70	-0.6
Z	18s		1.75um		
SML	1.22	344	iP	54 52.36	-0.2
TSIM	1.26	61	iP	54 53.56	0.4
SLKM	1.29	265	iP	54 52.61	-1.0
			iS	55 09.49	
CSG	1.36	88	iP	54 55.94	1.3
MSE	1.37	332	iP	54 54.16	-0.6
MID	1.38	152	ePd	54 54.60	-0.2
RAGM	1.48	99	iP	54 57.08	0.8
PWA	1.49	314	iPc	54 55.90	-0.6
BMRM	1.52	77	iP	54 57.10	0.1
			iS	55 18.41	
KMP	1.53	54	iP	54 57.82	0.7
TOA	1.62	25	iPd	54 59.70	1.3
KAIM	1.75	113	iP	54 59.61	-0.6
			eS	55 23.28	
NKA	1.78	275	eP	55 00.81	0.1
BRLK	1.86	243	iP	55 00.24	-1.6
GLB	2.02	65	iP	55 04.50	0.3
CNPM	2.13	240	ePd	55 04.00	-1.8
SPU	2.23	286	iP	55 05.28	-1.9
CGLM	2.24	289	iP	55 05.66	-1.7
CRP	2.30	288	iP	55 06.67	-1.6
RDT	2.36	270	iP	55 06.79	-2.3
			eS	55 35.16	
PAX	2.55	23	eP	55 12.30	0.5
RED	2.56	267	eP	55 09.50	-2.4
BALM	2.61	79	iP	55 12.29	-0.4
ILM	2.62	262	eP	55 10.24	-2.5
YKGM	2.64	100	eP	55 12.72	-0.2
YAH	2.92	93	iP	55 16.29	-0.8
CTGM	3.10	81	eP	55 19.09	-0.5
AUL	3.18	249	eP	55 19.11	-1.5
AUH	3.20	249	eP	55 19.16	-1.7
AGAM	3.30	96	eP	55 21.77	-0.6
CDD	3.50	243	eP	55 23.30	-1.9
PCA	3.70	95	iP	55 26.84	-1.1
KDC	3.84	223	iPd	55 27.20	-2.6
SVW	3.94	280	eP	55 27.56	-3.9
BCPM	4.03	96	eP	55 31.04	-1.7
PNL	4.22	100	eP	55 33.07	-2.3
COL	4.27	359	iP	55 34.80	-1.3
			e	55 41.00	
			eS	56 31.00	
FBA	4.27	359	eP	55 34.50	-1.6
HON	4.54	101	eP	55 36.97	-3.0
TTA	4.60	304	eP	55 37.00	-3.8
IMA	6.09	336	eP	55 59.60	-2.3
SIT	7.32	114	eP	56 15.70	-3.2
SDN	8.66	238	e(P)	56 34.20	-3.4
INK	9.77	32	eP	56 49.00	-3.9X
YKA	15.73	69	eP	58 10.80	-1.4
YKC	15.79	69	ePd	58 11.00	-2.0
	0.6s		13.00nm	4.3mb	
MBC	18.42	21	eP	58 44.00	-1.7
PNT	19.49	113	eP	58 57.00	-1.8
	0.7s		5.00nm	3.9mb	
EDM	19.92	97	eP	59 01.50	-1.8
NEW	21.39	112	eP	59 19.00	0.5
SES	22.80	100	eP	59 32.00	-0.4
FFC	24.68	83	eP	59 51.00	0.4
LRM	25.35	110	eP	59 57.40	0.1
DAG	39.14	17	iPc	01 55.80	-1.5
	0.5s		5.63nm	4.6mb	
BHO	42.62	104	e(P)	02 34.30	8.0
	1.3s		2.80nm	3.8mb	
KHC	69.53	13	eP	05 37.40	-1.4
SPA	150.48	180	ePKP	14 17.90	3.5
	1.0s		6.50nm		
	74 obs. associated				

? MAY 20, 1985 14h 34m 40.22± 8.48s
20.094 N ±61.1km 122.515 E ±66.3km
DEPTH = 128.8 ± 52.7 km
4.7mb (1 obs.)
PHILIPPINE ISLANDS REGION (248)

PIP	2.51	226	iPc	35 21.00	0.0
			iS	36 06.00	
SZP	3.19	218	iPd	35 30.00	0.0
			iS	35 59.00	
BAG	4.10	207	eP	35 30.00	-12.3X
MAN	5.57	194	eP	36 02.50	0.4
			eS	36 28.00	
QCP	5.60	194	eP	36 02.00	-0.4
WRA	41.44	163	Pc	42 16.40	0.6
	1.5s		23.10nm	4.7mb	
WB2	41.45	163	eP	42 15.20	-0.6
MEK	46.59	185	eP	42 57.00	0.0

S.D. = 0.6 on 7 of 8 obs.

• MAY 20, 1985 14h 57m 42.95± 1.04s
13.139 S ±11.9km 130.260 E ±18.1km
DEPTH = 33.0km (normal)
NORTHERN TERRITORY, AUSTRALIA (591)

KNA	2.97	209	eP	58 29.00	0.1
			eS	59 56.00	
WRA	7.82	151	Pc	59 43.90	6.6X
	0.7s		4.80nm	4.7mb	
WB2	7.82	150	eP	59 37.80	0.4
			eS	02 03.20	
ASPA	11.03	162	eP	00 21.00	-0.5
PKI	59.40	313	eP	07 45.00	-0.2
	0.6s		4.00nm	4.7mb X	
KKN	59.62	313	eP	07 46.80	0.2
	1.0s		12.00nm	5.0mb X	

S.D. = 0.5 on 5 of 6 obs.

MAY 20, 1985 15h 11m 40.68± 0.20s
35.489 N ± 3.7km 87.173 E ± 4.2km
DEPTH = 33.0km (normal)
5.2mb (50 obs.) 6.1Msz (7 obs.)
TIBET (366)
CENTROID, MOMENT TENSOR (MP.
Data Used: GDSN
L.P.B.: 16S, 35C
Centroid Location:
Origin Time 15:11:47.0 0.3
Lat 35.62N 0.04 Lon 87.18E 0.04
Dep 33.0 FIX Half-duration 3.1
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.38 0.13 Mtt=-4.21 0.15
Mff= 4.59 0.16 Mrt=-0.48 0.24
Mrf=-0.89 0.33 Mtf= 4.08 0.17
Principal Axes:
T Val= 6.35 Plg= 9 Azm=112
N -0.53 81 283
P -5.82 1 21
Best Double Couple:Mo=6.1*10**24
NP1:Strike=156 Dip=83 Slip= 175
NP2: 247 85 7

KKN	7.84	192	iPc	13 36.80	1.3
PKI	8.04	191	iPc	13 39.80	1.5
DMN	8.05	193	iPc	13 40.00	1.5
SHL	10.69	156	iP	14 12.50	-2.2
			iS	16 10.00	
VAR	10.77	201	eP	14 15.00	-0.6
NDI	10.83	234	iPd	14 15.00	-1.4
	0.7s		26.03nm	5.6mb	
Z	20s		15.25um	3.9Msz	
			iS	16 11.00	
LZH	13.55	83	Pc	14 49.00	-4.1X
	2.5s		446.00nm	5.9mb	
N	10s		35.90um		
			Lg	18 20.00	
			Lg	18 55.00	
KMI	16.93	123	Pc+	15 35.00	-1.9
	9.0s		4.20nm	2.6mb X	
N	12s		41.40um		
			pP	15 43.00	
			PP	15 49.00	
			S	18 36.00	
			sS	18 49.00	
VIS	18.03	192	eP	15 51.00	0.6
HYB	19.57	205	ePd	16 06.00	-2.8
	1.2s		171.40nm	5.2mb	
CHG	19.61	145	iPd	16 08.60	-0.7
	0.8s		8.96nm	4.1mb X	
			eS	22 20.00	
CHTO	19.61	145	eP	16 08.80	-1.3
	1.0s		21.25nm	4.4mb	
POO	20.60	218	iPd	16 18.00	-1.7
	1.0s		150.00nm	5.3mb	
			iS	20 12.00	
BOM	20.84	221	eP	16 14.00	-8.1X
			eS	20 05.00	
BDT	21.00	147	eP	16 26.60	2.9X
LOE	22.18	141	eP	6 35.00	-0.6
MHI	22.41	280	eP	16 38.00	0.1
			eS	20 44.00	
NST	22.89	146	eP	16 43.20	0.7
KHT	23.03	151	eP	16 45.50	1.6
MDR	23.26	197	eP	16 50.00	3.8X
			eS	21 09.00	
BJI	23.32	70	eP	16 48.00	1.4
N	17s		185.40um		
			S	21 04.00	
GBA	23.49	204	Pd	16 48.40	0.0
	1.1s		142.20nm	5.4mb	
NNT	25.47	150	eP	17 08.80	1.4
KOD	26.65	202	eP	17 18.00	-0.7
			eS	22 02.00	
HKC	26.94	112	eP	17 21.00	0.1
			eS	21 53.00	
SSE	28.68	89	eP	17 37.70	1.1
Z	16s		15.80um	5.7MszX	

20d 15h

N 12s 26.90um
E 10s 16.20um
S 22 22.00
sS 22 50.00
eSS 23 58.00
IR2 29.40 281 eP 17 44.00 0.7
SHI 29.67 269 eP 17 46.00 0.2
ANP 31.23 100 e(P) 18 05.00 5.5X
PSI 34.40 159 eP 18 25.00 -2.0
BHD 35.18 279 eP 18 35.00 1.4
e 32 12.00
e 33 12.00
e 39 26.00
BAG 35.30 114 eP 18 36.00 1.1
eS 24 14.00
MSL 35.43 285 ePc 18 37.00 1.4
OCP 36.80 116 eP 18 58.50 11.2X
SHK 37.03 78 eP 18 47.40 -1.8
RTB 38.52 280 ePc 19 03.50 1.9
eS 25 05.00
e 29 18.00
eLR 30 21.50
eLQ 34 40.00
KKM 39.65 131 ePc 19 13.00 1.7
MAT 40.90 73 (P) 19 19.00 -2.3
0.3s 22.08nm 5.4mb
Z 20s 8.16um 5.6Msz
eS 25 31.00
BHL 41.99 283 P 19 32.50 2.0
S 26 01.00
JER 43.03 281 eP 19 40.50 1.6
eS 26 12.00
PRNI 43.69 279 eP 19 45.50 1.3
DAV 45.13 120 eP 19 52.00 -3.9X
eS 26 44.00
KJF 45.48 328 iP 19 58.70 0.6
1.0s 34.00nm 5.2mb
Z 16s 25.80um 6.3MszX
i 20 06.00
ePP 21 08.00
eS 26 10.00
eSS 30 04.00
LR 40 00.00
ELL 45.67 289 iP 20 00.50 0.3
SUF 45.96 326 iP 20 02.10 0.1
0.8s 20.00nm 5.1mb
NUR 46.48 323 iP 20 07.00 0.9
1.0s 40.00nm 5.3mb
Z 18s 0.10um 3.8MszX
i 20 13.80
ePP 22 16.00
eS 26 52.00
eSS 30 22.00
LR 41 00.00
SOD 46.51 332 iP 20 07.00 0.8
MLR 46.60 302 iPc 20 10.00 2.6X
JMB 46.74 298 iPc 20 10.00 1.6
HLW 46.81 280 eP 20 06.00 -3 1X
eS 27 06.00
KEV 46.91 336 iP 20 11.00 1.6
0.7s 16.00nm 5.1mb
Z 16s 9.70um 5.9MszX
e 21 20.00
eS 27 00.00
eSS 30 28.00
LR 41 00.00
CMP 47.27 302 ePd 20 17.00 4.4X
DIM 47.56 297 eP 20 16.00 1.1
EZN 47.56 294 eP 20 13.00 -1 9
PVL 47.61 299 iPc 20 16.00 0.8
KDZ 47.82 297 iP 20 17.00 0.0
ASW 47.94 272 eP 20 19.00 0.9
eS 27 21.00
PLD 48.18 298 eP 20 20.00 0.3
DEV 48.62 303 iPc 20 23.00 0.0
VTS 49.14 299 iPd 20 18.00 -9.1X
JOS 49.70 307 ePd 20 32.00 0.7
SPC 49.76 308 eP 20 33.40 1.4
KRA 49 80 309 eP 20 32.00 -0.1
0.6s 27.00nm 5.5mb
Z 18s 19.40um 6.1Msz
N 18s 16.70um
E 18s 15.50um
e 20 39.20
e 31 28.00
VAY 49.93 297 iP 20 35.00 1.9
UPP 49.99 322 iP 20 31.70 -1.7
1.2s 100.00nm 5.7mb
i 20 33.00
ATH 50.03 293 eP 20 32.00 -2.0
eS 27 48.00
SKO 50.57 298 iP 20 39.00 1.0
iS 27 54.40
iPS 28 11.00
iSS 31 42.00
i 32 03.00
OHR 51.27 297 eP 20 42.20 -1.2
SRO 51.29 306 eP 20 44.40 1.0
N 18s 10.80um
E 20s 10.30um
e 24 44.00
HFS 51.94 322 eP 20 47.70 -0.5
1.3s 86.80nm 5.6mb
Z 15s 27.95um 6.4MszX
LR 40 14.00
ZST 52.00 307 eP 20 48.80 0.0
NB2 53.04 324 P 20 55.60 -0.9
1.0s 25.30nm 5.1mb
PRU 53.23 310 P 20 58.00 0.1
Z 17s 23.10um 6.3MszX
N 13s 10.30um
E 17s 16.00um
eS 28 30.00
eSg 52 09.00
COP 53.28 317 eP 21 02.00 3.9X
0.9s 37.27nm 5.4mb
Z 18s 18.21um 6.2Msz
iS 28 30.00
CLL 53.87 312 iPd 21 03.20 0.6
1.9s 42.00nm 5.1mb
Z 18s 11.00um 6.0Msz
i 21 56.00
KMR 53.96 307 eP 21 01.00 -2.3
KHC 54.04 309 P 21 04.50 0.6
Z 16s 7.80um 5.9MszX
N 15s 4.10um
E 16s 5.20um
e 21 29.90
S 28 44.00
LJU 54.25 305 eP 21 06.00 0.6
eS 28 46.00
WET 54.48 309 iPc 21 08.00 0.8
Z 17s 16.60um 6.2MszX
VOY 54.68 305 eP 21 07.80 -0.9
KBA 54.74 306 iPc 21 08.90 -0.4
1.0s 15.50nm 5.0mb
i 21 12.30
TRI 54.86 305 iPd 21 09.50 -0.4
ePPP 24 12.00
iS 28 52.00
iSS 32 40.00
iSSS 35 16.00
MOX 54.88 311 eP 21 10.00 -0.1
1.2s 23.00nm 5.1mb
Z 16s 15.30um 6.2MszX
N 18s 11.70um
E 16s 9.90um
eS 28 55.00
eSS 33 00.00
e 33 40.00
GRF 55.38 310 iPd 21 14.60 0.9
1.3s 34.00nm 5.2mb
Z 19s 18.00um 6.2Msz
e 21 21.50
CTI 56.16 306 eP 21 18.50 -1.0
OGA 56.32 307 iPc 21 18.50 -2.3
1.0s 12.00nm 4.9mb
MNS 56.64 301 eP 21 22.50 -0.3
OSS 56.96 307 eP+ 21 24.20 -1.1
SAX 57.30 308 eP+ 21 27.40 -0.4
WTS 57.40 314 eP 21 28.50 0.4
1.0s 9.00nm 4.8mb
BUH 57.56 310 eP 21 29.00 -0.3
LLS 57.64 307 eP+ 21 29.60 -0.5
SLE 57.68 308 eP+ 21 29.90 -0.2
ZUL 57.84 308 eP+ 21 30.70 -0.5
GWF 57.84 310 eP 21 31.00 -0.2
CDF 58.24 310 eP 21 33.70 -0.4
1.2s 29.70nm 5.2mb
ENN 58.31 312 ePc 21 35.00 0.6
1.1s 14.00nm 5.0mb
MEM 58.31 312 P 21 34.80 0.4
MMK 58.59 307 eP+ 21 36.60 -0.2
ORO 58.73 306 e(Pn) 21 35.50 -2.1
BSF 58.74 309 eP 21 37.00 -0.6
1.0s 29.60nm 5.4mb
DIX 58.94 307 eP+ 21 39.20 -0.1
HAU 58.96 309 eP 21 38.60 -0.5
CVF 59.22 303 eP 21 40.30 -0.6
1.0s 20.80nm 5.2mb
EMS 59.26 307 eP+ 21 41.50 0.1
DAG 59.28 345 iPd 21 40.00 -0.9
0.3s 6.49nm 5.2mb
i 29 51.00
DOU 59.34 312 Pc 21 42.70 1.1
Z 14s 13.90um 6.2MszX
PPP 25 06.00
SP 29 46.00
FRF 60.36 304 eP 21 48.00 -0.7
1.0s 8.30nm 4.8mb
LRG 60.60 304 eP 21 49.70 -0.6
LOR 60.80 309 eP 21 50.40 -1.2
1.1s 19.50nm 5.1mb
LBF 60.83 309 eP 21 50.80 -1.1
1.0s 16.60nm 5.1mb
SMF 61.04 309 eP 21 52.60 -0.7
1.2s 35.70nm 5.4mb
SSF 61.10 309 eP 21 52.80 -0.9
1.2s 41.60nm 5.4mb
GRC 61.28 309 iPc 21 55.00 0.1
AVF 61.30 309 eP 21 54.60 -0.4
1.2s 43.30nm 5.5mb
BGF 61.71 309 eP 21 57.00 -0.8
1.0s 12.30nm 5.0mb
MZF 62.01 308 eP 21 59.50 -0.4
1.0s 24.00nm 5.3mb
TCF 62.22 309 eP 22 01.00 -0.3
LSF 62.67 309 eP 22 03.50 -0.7
LDF 62.76 312 eP 22 04.00 -0.8
1.0s 17.60nm 5.1mb
FLN 62.91 312 eP 22 05.00 -0.7
1.0s 9.60nm 4.9mb
RJF 63.06 308 eP 22 07.00 0.2
1.0s 28.00nm 5.3mb
GRR 63.29 312 eP 22 07.60 -0.7
1.2s 51.40nm 5.5mb
LPO 63.53 307 eP 22 10.00 0.1
1.0s 8.00nm 4.8mb
MFF 63.58 310 eP 22 09.70 -0.5
1.0s 9.60nm 4.9mb
LFF 63.71 308 eP 22 11.20 0.1
1.0s 20.00nm 5.2mb
MLS 64.32 306 ePc 22 15.80 0.6
VAL 67.13 318 iP 22 33.80 0.8
S 31 29.00
MBC 67.27 7 eP 22 32.00 -1.5
MEK 68.51 150 eP 22 41.00 -0.9
TOL 69.16 305 eP 22 47.00 1.1
eS 31 54.00
eSS 35 20.00
BNG 70.07 261 iPc 22 50.30 -1.5
0.9s 54.00nm 5.6mb
WRA 70.98 133 Pd 22 57.00 -0.1
0.8s 20.10nm 5.2mb
WB2 70.98 133 eP 22 56.70 -0.4
COL 71.16 22 eP 22 58.00 0.4
1.0s 12.50nm 4.9mb
Z 23s 8.71um 6.0MszX
PMG 72.00 116 e(P) 23 04.00 0.7
INK 72.17 15 eP 23 03.00 -0.6
TET 72.20 234 eP 23 05.00 0.6
ASPA 73.61 136 eP 23 15.00 2.4
eS 32 48.00
MTD 73.98 235 eP 23 14.00 -1.0
LSZ 75.26 239 iPd 23 23.80 1.4
0.8s 10.00nm 4.9mb
KRI 75.35 237 eP 23 22.00 -0.9
BUL 78.34 235 iPc 23 40.30 0.7
1.1s 18.99nm 5.0mb
CTA 78.65 125 iPc 23 42.30 1.2
1.0s 28.00nm 5.2mb
iS 33 43.00
i 38 26.00
i 43 05.00
FRB 79.23 349 eP 23 43.00 -0.6
YKA 80.79 10 eP 23 36.70 -15.3X
YKC 80.83 10 eP 23 37.00 -15.1X
ADE 85.00 140 eP 24 24.90 11.0X
SCH 87.31 345 eP 24 24.00 -1.2
KIC 87.91 276 eP 24 29.10 0.5
FFC 89.81 5 eP 24 36.50 -0.5

1.4s 23.00nm 5.3mb
EDM 89.87 12 eP 24 39.50 2.1
PNT 92.28 17 eP 24 51.00 2.4
0.9s 10.00nm 5.2mb
SES 92.99 12 eP 24 54.00 2.2
ALQ 108.79 12 e(PKP)30 00.00 -8.3X
Z 22s 3.46um 5.9Msz
SPA 125.31 180 e(PKP)30 40.60 1.8
LPB 150.98 304 PKP 31 42.00 15.4X
Z 22s 3.33um 6.1Msz
eLR 21 30.00
S.D. = 1.1 on 140 of 157 obs.

? MAY 20, 1985 15h 51m 36.89± 2.66s
22.622 S ±28.5km 178.380 W ±36.6km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
SOUTH OF FIJI ISLANDS (171)

TCW 19.54 197 P 56 04.40 -0.2
eS 08 01.00
CTA 32.99 268 iPd 58 15.00 3.9X
0.8s 19.78nm 5.1mb X
PMG 35.53 286 e(P) 58 33.00 -0.1
ASPA 43.73 259 eP 59 42.00 1.0
WB2 43.98 264 iPd 59 43.30 0.2
WRA 44.00 264 Pd 59 42.80 -0.4
0.6s 6.70nm 4.6mb
WBN 49.95 254 iPd 00 30.00 0.1
KNA 50.18 268 eP 00 31.00 -0.7
SPA 67.51 180 eP 02 32.00 0.2
0.8s 8.33nm 4.9mb
S.D. = 0.6 on 8 of 9 obs.

* MAY 20, 1985 17h 33m 13.96± 1.14s
9.893 S ±15.4km 28.365 E ±26.4km
DEPTH = 10.0km (geophysicist)
3.9mb (1 obs.)
ZAIRE REPUBLIC (567)

KRI 7.00 170 iPn 35 00.00 0.8
iSn 36 19.00
MTD 7.53 156 iPn 35 07.00 0.4
iSn 36 28.00
iSg 37 14.00
TET 8.03 141 eP 35 13.00 -0.4
eSn 36 39.00
i(S*) 36 58.00
iSg 37 31.00
BUL 10.19 179 iPn 35 42.80 -0.8
iSn 37 36.00
iLg 38 40.00
SLR 15.76 180 eP 37 04.50 6.7X
S 39 48.50
BNG 17.27 325 ePd 37 17.00 0.0
0.5s 5.00nm 3.9mb
id 37 41.80
id 40 13.00
id 42 54.90
S.D. = 0.9 on 5 of 6 obs.

* MAY 20, 1985 17h 59m 41.70± 1.02s
42.240 N ±11.3km 13.302 E ± 7.8km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

AQU 0.14 33 iPgc 59 45.00 0.0
eSg 59 49.50
MNS 0.48 288 iPgc 59 52.20 0.7
eSg 59 59.00
DUI 1.04 123 ePg 00 01.00 -0.3
0.4s 720.00nm
CVF 3.30 277 Pn 00 35.50 1.0
Sn 01 15.70
CEY 3.59 13 eP 00 52.70 14.1X
eSn 01 20.60
VOY 3.81 6 e(Pn) 00 44.30 2.5X
ePg 00 56.00
eSn 01 26.40
LJU 3.90 13 eP 00 36.50 -6.5X
eSn 01 27.50
CTI 3.99 343 ePn 00 45.50 1.2
KBA 4.84 0 i(Pn) 01 03.00 6.6X
i(Sg) 01 50.00
FRF 5.06 287 Pn 00 59.40 0.0
LRG 5.25 286 Pn 01 02.00 0.0
KHC 6.89 2 eP 01 27.00 1.7
e 02 39.10
CDF 7.49 328 Pn 01 31.50 -2.1
HAU 7.58 322 Pn 01 32.60 -2.2
S.D. = 1.5 on 10 of 14 obs.

? MAY 20, 1985 19h 37m 07.31±11.39s
37.079 N ±92.0km 20.052 E ±21.2km
DEPTH = 10.0km (geophysicist)
IONIAN SEA (399)
ML 3.8 (ATH).

VLS 1.18 21 ePg 37 29.10 -0.2
eSg 37 36 00
ATH 3.05 72 ePn 38 13.50 17.1X
eSg 39 01.00
KZN 3.49 22 ePn 38 00.50 -2.3
ePb 38 04.20
ePg 38 09.00
OHR 4.07 8 iPn 38 12.40 1.4
ORI 4.10 318 ePn 38 24.20 13.0X
VAY 4.67 24 ePn 38 21.00 1.6
ULC 4.92 353 ePn 38 22.50 -0.5
eSn 39 07.50
SKO 5.00 12 ePn 38 27.00 2.8X
TTG 5.38 354 ePn 38 30.00 0.5
eSn 39 18.00
HCY 5.49 348 ePn 38 30.50 -0.6
eSn 39 21.50
VOY 10.06 335 e(Pn) 39 35.00 0.1
eSn 41 14.30
S.D. = 1.5 on 8 of 11 obs.

? MAY 20, 1985 20h 03m 58.03± 1.87s
2.234 N ±27.8km 101.061 W ±45.7km
DEPTH = 10.0km (geophysicist)
4.2mb (4 obs.)
EAST CENTRAL PACIFIC OCEAN (693)

TPM 16.76 7 iPd 07 54.50 -0.2
LTX 27.06 355 eP 09 44.00 1.2
1.0s 2.00nm 3.8mb
ALQ 32.93 352 eP 10 36.00 0.9
1.0s 4.25nm 4.3mb
LPB 37.51 121 eP 11 15.00 0.3
LR 21 40.00
BDW 41.08 350 eP 11 45.00 1.2
1.0s 4.00nm 4.1mb
ORV 41.54 336 eP 11 56.00 8.6X
RSSD 41.79 357 eP 11 48.30 -1.3
1.0s 5.00nm 4.2mb
PNT 49.52 344 eP 12 54.00 3.2X
EDM 51.83 351 eP 13 09.50 1.2
YKC 60.93 353 eP 14 11.00 -2.2
YKA 60.96 353 eP 14 12.00 -1.4
INK 69.53 348 eP 15 09.00 0.4
S.D. = 1.4 on 10 of 12 obs.

* MAY 20, 1985 20h 11m 34.89± 1.77s
38.344 N ±17.4km 14.989 E ±13.2km
DEPTH = 312.8 ± 11.5 km
4.2mb (16 obs.)
SICILY (398)

GIB 0.85 245 ePn 12 16.00 -0.3
ORI 2.05 33 ePn 12 23.00 -0.4
OHR 5.26 57 ePn 13 01.50 5.0X
LJU 7.70 358 eP 13 25.90 0.3
e 14 49.50
VOY 7.73 354 eP 13 25 00 -1.0
CTI 8.09 343 e(Pn) 13 28.00 -2.4
FRF 8.18 312 eP 13 40.30 8.8X
0.6s 7.50nm 3.9mb
LRG 8.29 311 eP 13 41.40 8.6X
OSS 9.07 338 eP 13 42.80 0.3
MMK 9.30 328 eP 13 44.50 -0.9
DIX 9.55 326 eP 13 49.60 1.0
LLS 9.59 335 eP 13 49.50 0.5
EMS 9.76 325 eP 13 52.30 1.3
SAX 9.82 337 eP 13 52.50 0.7
ZUL 10.33 334 eP 13 57.40 -0.5
SLE 10.54 335 eP 14 00.00 -0.5
ROF 11.04 330 eP 14 10.20 3.6X
BSF 11.21 330 eP 14 09.30 0.6
GRB1 11.30 349 ePd 14 09.30 -0.4
0.6s 16.00nm 4.5mb
CDF 11.52 333 eP 14 11.50 -0.9
HAU 11.53 330 eP 14 12.60 0 2
SMF 11.67 319 eP 14 13.40 -0.8
0.6s 9 30nm 4.2mb
CAF 11.69 308 eP 14 17.20 2.7X
LBF 11.83 320 eP 14 15.60 -0.6
0.8s 10.40nm 4.2mb
AVF 12.02 318 eP 14 17.50 -1.0
MZF 12.08 315 eP 14 19.40 0.2
0.6s 7.00nm 4.1mb
LOR 12.09 321 eP 14 18.10 -1 1
0.8s 8.00nm 4.1mb
LPO 12.12 306 eP 14 22.10 2 4
0.7s 7.40nm 4 1mb
SSF 12.12 320 eP 14 18 46 - 3
0.7s 11.00nm 4.3mb
BGF 12.15 316 eP 14 20.40 0 4
0.9s 27.40nm 4.5mb
RJF 12.21 309 eP 14 23.40 2.6X
TCF 12.34 314 eP 14 22.40 0.1
0.6s 4.50nm 4.0mb
LFF 12.52 306 eP 14 26.70 2.2
LSF 12.70 313 eP 14 28 40 1.7
0.9s 11.20nm 4.2mb
CLL 13.04 354 iPd 14 32.80 2.1
1.2s 17.00nm 4.3mb
MFF 13.87 311 eP 14 41.30 0.5
DOU 13.90 331 P 14 41.70 0.6
LDF 14.98 318 eP 14 53.30 -0.3
0.6s 11.50nm 4.4mb
LPF 15.15 315 eP 14 54.00 -1.5
0.5s 6.70nm 4.2mb
GRR 15.26 316 eP 14 54.80 -1.8
FLN 15.28 318 eP 14 54.60 -2.2
HFS 21.83 358 eP 16 04.00 1.1
0.5s 4.10nm 4.0mb
NB2 22.84 355 P 6 14.20 1.6
0.7s 2.70nm 3.7mb
S.D. = 1.2 on 37 of 43 obs.

? MAY 20, 1985 20h 52m 20.64± 6.53s
10.434 S ±23.5km 40.664 E ±79.9km
DEPTH = 10.0km (geophysicist)
TANZANIA (573)

TET 8.93 230 eP 54 34.00 1.3
eS 56 11.00
iSg 56 57.00
NAI 9.88 337 eP 54 46.00 0.1
MTD 10.85 233 iPn 55 03.00 3.8X
eSn 57 02.00
iSg 58 09.00
KRI 12.48 238 iPn 55 21.00 -0.3
iSn 57 37.00
LSZ 13.08 247 iP 55 29.30 -0.1
iS 57 52.90
BUL 15.10 229 ePn 55 55.00 -0.9
eLg 00 08.60
S.D. = 1.1 on 5 of 6 obs.

* MAY 20, 1985 21h 31m 19.20± 2.19s
66.082 N ±24.0km 150.350 W ±12.0km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 2.6 (PMR).

IMA 1.36 271 iPc 31 44.60 0.3
COL 1.60 137 iP 31 46.80 -0.7
e 31 48.00
eS 32 09.00
FBA 1.60 137 eP 31 47.00 -0.5
TTA 4.00 220 eP 32 21.10 -0.8
TOA 4.39 153 eP 32 29.00 1.5
PMS 4.87 175 e(P) 32 34.40 0.2
S.D. = 1.1 on of 6 obs.

% MAY 20, 1985 21h 41m 45.19± 2.28s
45.682 N ±11.1km 1.885 W ±22.6km
DEPTH = 10.0km (geophysicist)
FRANCE (538)

MFF 1.52 52 Pg 42 07.40 -5.0X
Sg 42 21.30
LFF 1.99 111 Pn 42 19.30 0.0
Sg 42 42.90
LPO 2.39 114 Pg 42 26.10 1 1
Sg 42 56.40
LPF 2.42 14 Pn 42 25.70 0.3
Sg 42 51.80

20G 21h

RJF	2.42	98	Pn	42	25.90	0.4
			Sg	42	53.20	
LSF	2.45	75	Pn	42	24.60	-1.2
			Sg	42	50.20	
CAF	2.89	104	Pg	42	35.20	3.1X
			Sg	43	09.10	
TCF	2.92	77	Pn	42	27.00	-5.5X
			Pg	42	33.20	
			Sg	43	06.10	
EPF	3.09	148	Pn	42	34.40	-0.6
			Pg	42	44.40	
			Sn	43	10.20	
			Sg	43	24.50	
MZF	3.16	79	Pn	42	30.00	-6.0X
			Pg	42	39.30	
			Sn	43	02.00	
			Sg	43	12.90	
BGF	3.40	73	Pg	42	42.80	3.4X
			Sg	43	22.30	
AVF	3.80	71	Pg	42	49.40	4.4X
			Sg	43	33.40	
SMF	4.09	74	Pg	42	56.10	6.9X
			Sg	43	42.70	
LGP	4.27	66	Pg	42	58.60	6.8X
			Sg	43	46.80	

S.D. = 1.1 on 6 of 14 obs.

& MAY 20, 1985 21h 56m 44.30s
31.960 N 115.890 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.3 (PAS).

IKP	0.71	345	iPc	56	57.50	-1.0
BAR	0.98	318	iPd	57	01.80	-1.4
			iSc	57	15.70	
GLA	1.41	39	eP	57	07.30	-3.3
SDW	2.82	340	e(P)	57	30.00	-0.9

4 obs. associated

& MAY 20, 1985 22h 12m 32.65s
60.430 N 152.061 W
DEPTH = 71.3km
SOUTHERN ALASKA (2)
<AGS-P>.

RDT	0.22	310	iP	12	43.55	-0.2
			iS	12	51.57	
RED	0.35	269	eP	12	44.30	-0.3
ILM	0.45	237	iP	12	44.95	-0.4
			iS	12	55.14	
NKA	0.51	52	iP	12	47.38	1.5
SPU	0.75	0	iP	12	47.95	-0.6
			eS	13	00.07	
HOM	0.86	165	eP	12	49.40	0.4
CRP	0.84	357	eP	12	49.07	-0.6
			iS	13	02.76	
CGLM	0.88	2	eP	12	49.48	-0.6
BRLK	0.89	138	iP	12	49.43	-0.7
SLKM	0.91	84	eP	12	49.46	-1.0
			iS	13	03.88	
OPT	0.98	217	eP	12	50.80	-0.4
CNPM	1.00	155	eP	12	51.30	-0.2
AUL	1.26	214	eP	12	54.20	-0.6
MPA	1.34	86	eP	12	54.68	-1.2
SEW	1.34	193	eP	12	54.11	-1.8
PMS	1.47	55	eP	12	57.06	-0.7
			eS	13	15.41	
PTE	1.56	72	iP	12	57.41	-1.4
CDD	1.71	209	eP	13	00.00	-0.9
PLRM	1.84	49	eP	13	00.98	-1.7
KNK	2.02	59	iP	13	03.32	-1.9
			iS	13	27.35	
GHO	2.03	47	iP	13	03.80	-1.6
			eS	13	27.53	
MSE	2.06	45	iP	13	04.05	-1.8
CFI	2.24	68	iP	13	05.36	-2.8
			iS	13	33.07	
SML	2.28	51	iP	13	06.73	-2.1
			eS	13	31.73	
GLI	2.49	77	eP	13	08.04	-3.6
			eS	13	37.45	
TTV	2.51	73	eP	13	08.99	-2.9
SCM	2.69	56	eP	13	12.36	-2.2
FID	2.77	81	eP	13	11.32	-4.3
VZW	2.78	74	iP	13	12.38	-3.4
VLZ	2.90	73	eP	13	14.08	-3.2
KLU	3.18	68	eP	13	18.27	-3.1
TOA	3.30	57	eP	13	21.15	-2.0
KMP	3.60	69	eP	13	23.85	-3.4
BALM	4.81	79	eP	13	41.28	-3.0
YAH	5.12	86	eP	13	45.79	-2.9

35 obs. associated

? MAY 20, 1985 23h 44m 27.09± 4.13s
31.208 S ±31.5km 68.252 W ±26.5km
DEPTH = 106.7 ± 33.5 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.22	237	iPd	44	42.20	-0.5
			S	44	52.00	
CFA	0.40	178	iPd	44	43.20	0.0
			S	44	54.60	
RTCB	0.54	239	iPc	44	44.40	0.2
			S	44	57.00	
RTCV	0.70	200	ePc	44	45.50	0.1
			S	44	57.80	
MDZ	1.75	197	iP	44	58.20	1.0
			iS	45	20.00	
TCA	3.14	93	iPc	45	15.90	0.2
			S	45	52.00	
RFA	3.56	183	ePc	45	20.50	-0.9

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

? MAY 21, 1985 00h 03m 43.14± 1.47s
36.776 N ±15.6km 22.212 E ±12.3km
DEPTH = 117.6 ± 37.3 km
SOUTHERN GREECE (368)

ATH	1.69	45	iPnc	04	13.00	-0.1
			eSn	04	41.00	
			eSb	04	43.80	
VLS	1.90	318	ePn	04	15.80	0.1
NPS	3.14	118	ePb	04	32.00	0.0
			ePg	04	38.00	
OHR	4.47	346	ePn	04	54.90	5.0X
VAY	4.55	3	ePn	04	51.00	0.1
SKO	5.22	354	ePn	05	05.00	4.8X
ORI	5.58	308	ePn	05	05.00	-0.1
VOY	11.15	329	e(P)	06	34.00	13.7X
			eS	08	20.80	

S.D. = 0.1 on 5 of 8 obs.

• MAY 21, 1985 00h 05m 35.84± 0.57s
28.860 N ± 9.5km 142.312 E ±11.6km
DEPTH = 33.0km (normal)
4.2mb (3 obs.)
BONIN ISLANDS REGION (212)

MAT	8.40	337	(P)	07	37.00	-1.3
CHTO	40.72	266	eP	13	16.30	1.0
	1.0s		2.50nm		3.9mb	
WB2	49.12	190	eP	14	21.80	-0.5
WRA	49.12	190	Pd	14	21.40	-1.0
	0.7s		6.40nm		4.8mb	
PKI	49.74	283	eP	14	27.70	0.1
KKN	49.79	283	eP	14	28.30	0.5
	0.7s		10.00nm		5.0mb X	
DMN	49.99	283	eP	14	29.60	0.2
	0.5s		5.00nm		4.8mb X	
INK	61.40	25	eP	15	50.00	-0.6
YKA	70.54	29	eP	16	50.10	1.0
YKC	70.61	29	eP	16	50.00	0.5
SES	77.99	39	eP	17	33.00	0.6
APO	81.48	337	(P)	17	50.40	-0.5
	0.7s		1.80nm		4.2mb	

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

• MAY 21, 1985 00h 31m 15.47± 2.39s
34.402 N ±16.3km 25.736 E ±20.5km
DEPTH = 10.0km (geophysicist)
CRETE (370)

YER	3.42	36	iPn	32	09.60	-0.4
ELL	4.13	54	iPn	32	21.20	1.2
IZM	4.17	17	iPn	32	19.00	-1.6
BCK	4.98	51	ePn	32	33.00	0.9
VAY	7.35	341	ePn	33	06.00	0.7
OHR	7.75	331	ePn	33	15.50	4.4X
JER	8.36	106	eP	33	18.00	-1.6
			eS	34	04.80	
RMN	8.46	115	eP	33	22.00	1.0

S.D. = 1.5 on 7 of 8 obs.

MAY 21, 1985 00h 36m 43.59± 0.34s
32.236 N ± 7.3km 58.752 E ± 4.5km
DEPTH = 33.0km (normal)
4.5mb (13 obs.)
IRAN (348)

MHI	4.10	8	iPnd	37	47.00	1.4
	0.8s		50.75nm			
			e	38	02.00	
			eSn	38	27.00	
SHI	5.94	246	eP	38	11.00	-0.7
TEH	7.04	302	ePd	38	28.00	0.8
IR2	7.37	300	eP	38	30.40	-1.3
KER	9.97	285	eP	39	43.00	35.2X
NDI	16.31	98	eP	40	30.50	-1.2
			eS	45	29.50	
POO	19.26	131	P	41	07.00	-1.3
JER	19.98	275	eP	41	19.00	2.9X
PRNI	20.38	271	eP	41	28.50	0.2
HYB	23.19	125	eP	41	48.50	0.0
DMN	23.28	95	eP	41	50.90	1.4
	1.0s		71.00nm		5.1mb	
KKN	23.37	94	eP	41	51.80	1.4
PKI	23.55	94	eP	41	52.90	0.7
ELL	24.15	289	iP	41	59.30	1.5
GBA	25.22	133	P	42	10.00	2.0
	0.3s		3.40nm		4.4mb	
SHL	29.68	94	iP	42	47.00	-1.0
KRA	33.75	313	iPd	43	24.00	0.0
	0.6s		27.00nm		5.3mb	
			i	43	27.30	
GTA	33.83	66	iPc	43	22.50	-2.5
NUR	36.05	332	iP	43	43.00	-0.5
KSP	36.20	314	eP	43	45.00	0.0
SUF	36.86	336	iP	43	51.00	0.7
	0.8s		2.40nm		4.1mb	
KJF	37.34	338	eP	43	56.00	1.7
CLL	38.33	314	iPc	44	03.40	0.6
	1.4s		29.00nm		4.9mb	
CHTO	38.43	100	eP	44	03.10	-0.9
	0.9s		12.79nm		4.7mb	
KMI	39.03	89	eP	44	09.00	-0.3
MOX	39.07	312	eP	44	12.00	3.0X
SOD	39.89	341	iP	44	16.40	0.8
HFS	40.61	327	eP	44	21.20	-0.4
	0.7s		5.80nm		4.4mb	
KEV	41.54	344	eP	44	29.00	-0.1
XAN	41.71	73	Pc	44	30.80	-0.2
GYA	41.89	85	P	44	32.60	-0.1
NB2	42.08	328	P	44	32.80	-0.9
	0.7s		2.90nm		4.1mb	
LBF	43.81	306	eP	44	47.00	-1.0
TIY	43.83	67	eP	44	49.00	0.7
LOR	43.89	307	eP	44	47.70	-0.9
SMF	43.91	306	eP	44	48.20	-0.6
	1.1s		5.80nm		4.3mb	
SSF	44.14	306	eP	44	49.80	-0.8
	1.0s		6.00nm		4.4mb	
AVF	44.25	306	eP	44	50.80	-0.7
	1.1s		6.10nm		4.3mb	
GRC	44.43	307	iPd	44	52.80	-0.1
BJI	46.33	63	P	45	09.00	0.9
BNG	46.68	242	iPc	45	13.40	2.2
	0.9s		14.00nm		4.9mb	
TIA	47.81	68	eP	45	20.40	0.5
DAG	56.03	344	iPc	46	19.90	-1.1
	0.5s		2.82nm		4.6mb	
FRB	75.70	339	eP	48	26.00	-1.0
INK	79.36	5	iPc	48	47.10	0.0
COL	80.98	11	eP	48	56.00	0.1
YKA	85.45	357	eP	49	19.50	0.7
YKC	85.46	357	eP	49	19.00	0.2

S.D. = 1.1 on 45 of 48 obs.

• MAY 21, 1985 00h 37m 38.93± 2.10s
33.076 S ±19.7km 70.752 W ±13.8km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

PEL	0.09	140	iPc	37	43.60	-1.1
			iS	38	18.70	
BACH	0.35	142	iP	37	48.00	0.5
FCH	0.46	123	iPd	37	49.00	-0.3
TACH	0.60	195	eP	37	49.80	-1.1
CHCH	0.86	174	eP	37	54.50	-0.2
LNV	1.04	212	iPd	37	58.60	1.5
			iS	38	44.50	

MDZ 1.61 84 eP 38 05.90 0.4
iS 38 51.40
S.D. = 1.2 on 7 of 7 obs.

MAY 21, 1985 01h 13m 06.09± 0.89s
55 113 N ±10.8km 160.473 W ± 7.3km
DEPTH = 58.8 ± 5.3 km
4.8mb (24 obs.)
ALASKA PENINSULA (12)

SDN 0.23 356 iPd 13 15.80 0.2
KDC 5.16 56 eP 14 22.30 -0.2
SVW 6.54 21 eP 14 42.60 0.8
TTA 8.17 15 eP 15 03.70 -0.8
PMS 8.42 39 eP 15 08.50 0.6
ADK 10.18 258 eP 15 32.20 0.2
TOA 10.22 41 eP 15 30.60 -1.9
IMA 11.48 14 eP 15 50.20 0.6
COL 11.66 28 eP 15 54.00 2.1
0.9s 14.71nm 5.0mb
PNL 12.23 60 eP 15 58.80 -0.7
INK 18.15 33 eP 17 13.00 -2.1
YKA 24.40 54 eP 18 21.40 1.7
YKC 24.47 54 eP 18 21.00 0.7
0.6s 4.00nm 4.1mb
PNT 25.41 86 eP 18 42.00 12.7X
0.7s 8.00nm
EDM 27.25 74 eP 18 58.00 11.8X
ALQ 41.93 96 eP 21 04.00 11.5X
FRB 43.57 40 eP 21 05.00 -0.2
MAT 44.99 272 iPc 21 16.60 -0.4
DAG 46.16 11 iPd 21 25.00 -0.8
0.5s 11.27nm 5.1mb
SCH 49.76 49 eP 21 54.00 0.0
SOD 57.72 357 iP 22 51.30 -1.0
KJF 60.85 356 eP 23 13.00 -1.0
SUF 62.39 357 iP 23 23.30 -1.0
0.5s 4.10nm 4.8mb
NB2 64.01 4 P 23 34.20 -0.8
1.0s 8.60nm 4.7mb
NUR 64.65 357 iP 23 38.70 -0.4
0.9s 20.30nm 5.1mb
i 23 52.50
HFS 65.01 3 eP 23 39.90 -1.5
0.6s 7.70nm 4.9mb
UPP 65.37 1 iP 23 42.70 -1.0
EKA 68.36 14 Pd 24 03.00 0.3
1.2s 14.70nm 4.8mb
DCN 69.66 17 iPc 24 10.80 0.1
WTS 72.74 8 eP 24 28.50 -0.7
1.0s 8.00nm 4.6mb
CLL 73.81 4 iPc 24 35.70 0.3
1.1s 10.00nm 4.7mb
MOX 74.41 5 eP 24 40.00 1.1
0.9s 17.00nm 5.0mb
PRU 75.19 3 eP 24 44.00 0.6
GRR 75.46 14 eP 24 45.00 0.0
LPF 75.78 14 eP 24 47.20 0.4
KHC 76.01 4 iPc 24 48.50 0.4
1.0s 10.50nm 4.7mb
e 25 03.40
CDF 76.33 8 eP 24 50.20 0.2
HAU 76.66 9 eP 24 52.10 0.3
BSF 76.87 9 eP 24 53.20 0.1
1.0s 11.10nm 4.8mb
GRC 77 03 11 ePd 24 53.60 -0.2
ZST 77.04 2 eP 24 54.70 0.9
LOR 77.14 11 eP 24 54.80 0.4
1.0s 4.00nm 4.4mb
MFF 77.30 14 eP 24 55.70 0.4
0.8s 5.30nm 4.6mb
SSF 77.31 11 eP 24 55.40 0.1
1.2s 14.30nm 4.9mb
LBF 77.43 11 eP 24 55.90 -0.2
AVF 77.56 11 eP 24 56.90 0.2
1.2s 9.20nm 4.6mb
SMF 77.75 11 eP 24 58.10 0.3
1.0s 4.80nm 4.4mb
LSF 77.87 13 eP 24 58.70 0.2
0.8s 3.70nm 4.4mb
TCF 77.92 12 eP 24 58.80 0.1
0.9s 3.00nm 4.3mb
KBA 78.05 4 iPc 24 59.20 -0.4
1.0s 6.30nm 4.6mb
i 25 01.30
KKN 80.18 305 eP 25 11.90 0.3
0.5s 12.00nm 5.1mb

PKI 80.31 305 eP 25 12.50 0.1
0.6s 14 00nm 5.1mb
DMN 80.42 305 eP 25 13.40 0.5
0.6s 18.00nm 5.2mb
TOL 83.25 18 e(P) 25 29.00 1.9
SKO 83.27 359 eP 25 28.50 1.3
OHR 84.14 359 eP 25 32.20 0.6
BUL 144.41 345 iPKPc 32 35.50 -1.7
1.0s 8.50nm
SPA 144.93 180 ePKP 32 35.70 -0.9
1.0s 12.50nm
e 32 49.20
WIN 147.45 4 ePKP 32 24.00 -18.2X
0.7s 10.27nm
SLR 149.95 344 iPKPc 32 51.00 5.1X
S.D. = 0.9 on 55 of 60 obs.

& MAY 21, 1985 01h 21m 15.50s
39.155 N 122.220 W
DEPTH = 2.0km (geophysicist)
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.2 (BRK).

GAS 0.63 323 eP 21 30.50 2.4
ORV 0.69 54 iPd 21 28.90 -0.3
NWRM 0.87 217 eP 21 33.60 0.7
BKS 1.28 181 eP 21 39.40 -0.5
i(Pg) 21 42.00
e 21 49.00
eS 21 55.50
e(Sg) 21 59.70
BRK 1.28 181 e(P) 21 41.70 1.7
MIN 1.28 22 iPc 21 39.00 -1.1
WDC 1.44 350 iPc 21 40.30 -2.4
PCC 1.66 184 eP 21 43.90 -1.8
JAS1 1.87 130 eP 21 46.60 -2.2
eS 22 11.00
ARN 1.88 163 eP 21 46.90 -2.1
WCN 1.92 85 eP 21 49.30 -0.4
SAO 2.46 165 eP 21 54.40 -3.0
EUR 4.86 84 iP 22 31.20 -0.4
0.5s 0.67nm
13 obs. ossociated

* MAY 21, 1985 01h 46m 51.13± 0.72s
1.259 N ±10.4km 90.704 W ±15.1km
DEPTH = 10 0km (geophysicist)
4.3mb (3 obs.)
GALAPAGOS ISLANDS REGION (696)

GIE 2.02 168 P 47 26.00 0.4
iS 47 52.50
BOG 16.95 78 eP 50 50.50 0.1
eS 53 54.00
TPM 19.43 336 iPc 51 22.50 1.6
LPB 28.47 129 eP 52 53.00 3.9X
LR 02 54.00
BHO 33.18 354 eP 53 30.20 0.1
0.8s 1.70nm 4.0mb
TUL 34.80 353 e(P) 53 44.50 0.4
1.0s 5.90nm 4.4mb
ALQ 36.59 338 eP 53 59.50 0.0
1.2s 7.81nm 4.4mb
PNT 53.90 337 eP 56 16.00 -0.8
EDM 55.09 344 eP 56 24.50 -1.1
YKA 63.66 348 eP 57 25.30 0.7
INK 72.95 345 eP 58 21.00 -1.3
S.D. = 1.0 on 10 of 11 obs.

& MAY 21, 1985 01h 50m 55.90s
39.148 N 122.160 W
DEPTH = 10.0km (geophysicist)
NORTHERN CALIFORNIA (36)
<BRK>. ML 2.4 (BRK).

ORV 0.65 51 eP 51 08.20 -0.7
GAS 0.66 320 eP 51 10.30 1.1
NWRM 0.89 220 eP 51 13.40 0.4
JAS1 1.83 131 eP 51 25.90 -1.8
ARN 1.86 164 eP 51 26.30 -1.9
WCN 1.87 84 eP 51 28.60 0.1
EUR 4.81 84 iP 52 38.00 27.6
7 obs. ossociated

* MAY 21, 1985 02h 00m 16.61± 0.53s
1.302 N ± 9.2km 90.816 W ±10.1km
DEPTH = 10.0km (geophysicist)
4.6mb (14 obs.)
GALAPAGOS ISLANDS REGION (696)

GIE 2.09 166 iPc 00 52.00 -0.1
iS 01 21 50
PSO 13.49 90 eP 03 32.00 1.0
VHO 16.87 340 iPc 04 19 00 4.3
BOG 17.05 78 eP 04 18.50 1.4
TPM 19.34 336 iPc 04 49.00 3.6X
OXM 19.88 335 iP 04 53.50 1.9
LPB 28.58 129 eP 06 17.00 1.4
LR 16 00.00
LTX 30.45 337 eP 06 32.00 0.2
1.1s 2.59nm 4.0mb
BHO 33.13 354 eP 06 55.00 -0.1
1.4s 14.30nm 4.7mb
RSCP 34.47 8 eP 07 06.00 -0.8
TUL 34.74 353 eP 07 08.30 -0.8
0.9s 7.50nm 4.6mb
RLO 34.91 354 eP 07 10.50 0.0
ALQ 36.51 338 eP 07 24.00 -0.3
1.0s 7.50nm 4.5mb
BLA 37.00 14 P 07 27.60 -0.6
1.2s 34.33nm 5.0mb
RMU 40.17 335 eP 07 57.00 2.1
GOL 40.46 343 eP 07 58.00 0.7
1.0s 7.50nm 4.3mb
GLD 40.46 343 eP 07 58.50 1.2
1.0s 20.00nm 4.8mb
RSSD 44.22 346 eP 08 28.80 0.8
1.1s 6.98nm 4.4mb
EUR 44.39 332 iP 08 30.00 0.6
0.8s 6.05nm 4.5mb
BDW 44.58 340 eP 08 31.00 0.1
1.1s 7.06nm 4.5mb
MNA 44.65 329 P 08 33.00 1.6
JAS1 45.48 327 eP 08 39.00 1.1
BAO 45.54 113 e(P) 08 44.40 5.6X
WCN 46.13 329 eP 08 46.00 2.8X
HPI 46.66 338 P 08 47.40 -0.1
ORV 47.23 327 eP 08 52.80 1.1
LRM 48.24 340 eP 08 58.60 -1.3
VAO 49.04 122 e(P) 09 04.00 -2.1
RSON 49.44 358 eP 09 07.50 -1.2
1.2s 10.34nm 4.7mb
SES 51.85 344 eP 09 26.00 -1.1
NEW 52.00 338 P 09 28.00 -0.3
1.0s 4.00nm 4.3mb
PNT 53.82 337 eP 09 41.00 -0.7
1.3s 38.00nm 5.2mb
FFC 54.03 352 eP 09 42.00 -1.2
EDM 55.02 344 eP 09 49.00 -1.6
YKC 63.55 348 eP 10 49.00 -0.3
YKA 63.59 348 eP 10 49.10 -0.5
INK 72.88 345 eP 11 46.00 -1.4
COL 75.36 338 eP 12 02.00 0.2
DAG 84.67 13 iPd 12 50.80 -0.6
1.0s 5.00nm 4.7mb
TOL 86.69 50 e(P) 13 02.00 -0.2
eS 24 45.00
S.D. = 1.1 on 36 of 40 obs.

* MAY 21, 1985 03h 27m 44.61± 2.27s
38.250 N ± 8.7km 142.120 E ±26.1km
DEPTH = 47.8 ± 14.3 km
4.3mb (2 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Ofunoto and (I JMA) at Ishinomaki.

ISN 0.67 286 iPd 27 57.50 -0.4
iS 28 05.00
OFU 0.87 339 eP 28 01.00 0.4
iS 28 11.50
SEN 0.96 271 iPd 28 01.60 -0.3
iS 28 10.80
TSK 2.59 219 eP 28 23.70 -1.3
DDR 3.24 227 eP 28 34.10 -0.2
S 29 09.70
SRY 3.49 222 eP 28 37.40 -0.3
MAT 3.55 243 iPd 28 39.30 0.6
(S) 29 29.00
OYM 3.65 220 eP 28 41.50 1.4
GBA 61.87 265 P 38 02.00 0.5
0.4s 1.40nm 4.4mb
NB2 73.28 337 P 39 12.00 -0.5
0.7s 1.60nm 4.1mb

21d 03h

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

• MAY 21, 1985 03h 59m 49.45± 1.28s
6 866 S ±10.1km 129.549 E ± 9.5km
DEPTH = 78.8 ± 17.6 km
3.0mb (1 o.s.)
BANDA SEA (280)

TLE	3.41	69	iPd	00 41.00	-0.3
			iS	01 27.40	
MTN	6.14	165	eP	01 23.00	3.5X
KUPT	6.72	241	ePd	01 27.70	0.1
			eS	02 21.50	
KUG	6.74	241	ePd	01 27.70	-0.1
			eS	02 21.50	
KNA	8.86	185	iPd	01 54.50	-2.5X
	0.3s		21.00nm		5.4mb X
WRA	13.81	161	P	03 04.00	0.9
	0.3s		0.20nm		3.0mb
WB2	13.81	161	eP	03 02.20	-0.9
			iS	05 23.70	
ASPA	17.22	166	eP	03 48.00	1.6
WBN	19.38	188	eP	04 10.00	-1.8
PKI	54.70	311	eP	09 13.50	0.1
	0.4s		4.00nm		4.8mb X
KKN	54.91	311	eP	09 15.30	0.5
	0.5s		6.00nm		4.9mb X

S.D. = 1.2 on 9 of 11 obs.

• MAY 21, 1985 04h 39m 25.05± 1.43s
44.615 N ±15.3km 17.311 E ±19.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.0 (TRI).

BRY	1.93	152	ePn	39 59.00	0.6
			eSn	40 27.00	
CEY	2.33	300	iPn	40 04.30	0.3
			iSg	40 35.40	
HCY	2.33	158	ePn	40 03.00	-1.1
			eSn	40 35.00	
LJU	2.42	307	eP	40 13.50	8.1X
			eSn	40 39.50	
TTG	2.60	146	ePn	40 11.50	3.6X
			eSn	40 45.50	
TRI	2.74	295	e(Pn)	40 08.00	-1.8
			e(Sn)	40 36.00	
			i(Sg)	40 44.50	
VOY	2.80	302	ePnc	40 10.50	-0.2
			i(Sg)	40 49.80	
DUI	3.62	216	e(Pn)	40 23.00	0.8
KBA	3.71	313	i(Pn)	40 25.20	1.4
			i	40 40.40	
			i	42 23.20	
			i	42 30.20	
CTI	4.24	292	e(Pn)	40 44.00	12.7X
OHR	4.34	143	ePn	40 20.70	-11.9X

S.D. = 1.4 on 7 of 11 obs.

& MAY 21, 1985 05h 50m 00.55s
57.291 N 153.788 W
DEPTH = 110.5km
KODIAK ISLAND REGION (13)
<AGS-P>.

KDC	0.84	56	eP	50 19.46	-0.9
CDD	1.65	3	eP	50 27.00	-2.6
AUI	2.06	5	eP	50 33.55	-1.2
AUH	2.09	5	eP	50 34.81	-0.4
AUL	2.11	5	eP	50 45.00	9.6
BRLK	2.91	30	eP	50 45.09	-1.0
			eS	51 18.60	
ILM	2.94	10	eP	50 44.70	-1.8
RDT	3.37	12	eP	50 50.63	-1.7
			eS	51 29.47	
SLKM	3.72	28	eP	50 56.00	-1.1
			eS	51 38.50	
SVW	3.94	347	eP	50 57.17	-3.0
MPA	3.94	34	eP	50 59.00	-1.1
SPU	4.00	12	eP	50 59.08	-1.9
GHO	5.13	27	eP	51 17.27	0.9
VZW	5.30	42	eP	51 18.63	-0.1

14 obs. associated

MAY 21, 1985 06h 24m 29.81± 0.57s
33.608 S ± 7.6km 72.026 W ± 6.5km
DEPTH = 33.0km (normal)

4.6mb (6 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.62	124	iPc	24 41.60	-0.5
TACH	0.91	93	iPc	24 45.20	-1.1
SAN	1.15	83	iPd	24 49.50	-0.2
			iS	25 05.70	
CHCH	1.19	106	iPd	24 49.90	-0.3
PEL	1.21	68	iPd	24 51.20	0.6
PCH	1.26	91	iPc	24 51.10	-0.2
BACH	1.31	79	iPd	24 52.20	0.2
FCH	1.48	80	iPd	24 55.00	0.3
MDZ	2.76	76	eP	25 15.60	2.9X
			iS	25 54.80	
RFA	3.17	112	ePd	25 20.20	1.6
			S	26 11.00	
RTCV	3.42	60	eP	25 26.30	4.2X
			S	26 12.70	
RTCB	3.45	53	ePc	25 24.30	1.7
			S	26 16.40	
CFA	3.77	59	ePc	25 28.00	1.0
			S	26 21.50	
RTLL	3.77	54	ePc	25 27.80	0.8
			e	25 33.00	
			S	26 16.80	
TCA	6.68	72	ePd	26 05.40	-2.8X
			S	27 24.00	
CYA	7.42	48	e(P)	26 14.20	-4.4X
			S	27 48.00	
ANT	9.97	9	eP	27 09.00	15.2X
			eS	29 16.00	
SLA	10.53	34	e(P)	27 03.00	1.4
YJA	12.77	28	e(P)	27 36.60	4.4X
ARE	17.08	2	eP	28 29.00	1.0
LPB	17.37	13	P	28 35.00	3.3X
			LR	35 00.00	
VAO	24.40	71	eP	29 45.30	-1.2
			e	29 46.60	
			e	29 55.60	
BAO	28.13	56	Pd	30 18.90	-2.2
			e	30 19.70	
SOB1	37.55	57	eP	31 40.80	-2.0
	0.5s		4.60nm		4.6mb
			e	31 43.20	
			e	31 50.50	
ITR	39.61	59	eP	31 57.90	-2.2
	0.7s		7.10nm		4.5mb
			e	32 07.00	
SNA	51.94	156	e(P)	33 38.80	1.6
SPA	56.57	180	eP	34 12.20	0.7
	0.8s		6.67nm		4.7mb
BHO	70.95	340	eP	35 46.30	0.5
	0.7s		2.20nm		4.3mb
TUL	72.64	340	eP	35 54.60	-1.3
	0.8s		9.20nm		4.8mb
RLO	72.67	341	eP	35 55.20	-0.8
KIC	74.95	72	eP	36 08.70	-1.0
ALQ	75.44	331	eP	36 13.00	0.6
	1.0s		3.25nm		4.3mb
WRA	121.11	209	PKP	43 22.00	0.9
	0.6s		0.70nm		
QUE	145.16	84	ePKP	44 06.50	0.5
GBA	145.86	118	PKPc	44 07.20	0.0
	0.6s		13.20nm		
POO	146.05	108	iPKPc	44 07.00	-0.6
HYB	149.08	114	ePKP	44 16.50	4.1X
	0.9s		29.20nm		

S.D. = 1.2 on 29 of 37 obs.

MAY 21, 1985 06h 57m 29.64± 0.74s
45.693 N ± 7.5km 27 352 E ± 8.4km
DEPTH = 33.0km (normal)
ROMANIA (358)

BRD	0.28	230	iPc	57 37 00	-0.1
VRI	0 47	292	iPc	57 38 00	-1.9
PPE	0 56	19	iPc	57 42 00	1.0
CFR	0.76	132	iPc	57 43.00	-0.9
ISR	0 79	226	iPc	57 46 00	1.5
CLI	0.86	357	iPc	57 45.50	0.2
MLR	1 01	259	iPc	57 48 00	0.4
			e	26 28.00	
TLB	1.20	156	iPc	57 50.00	-0.2

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

• MAY 21, 1985 07h 03m 52 84± 1.65s
41.245 N ±18.9km 20.227 E ±10.2km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)

OHR	0.45	107	iPg	04 02.20	0.2
			iSg	04 09.40	
ULC	1.03	315	ePg	04 11.70	-0.5
			eSg	04 28.60	
SKO	1.16	51	iPg	04 14.00	-0.6
			iSg	04 28.00	
PVY	1.36	352	ePg	04 19.00	1.0
			eSg	04 40.00	
TTG	1.39	329	iPgd	04 18.50	0.3
			iSg	04 40.00	
HCY	1.76	313	ePn	04 25.00	1.4
			eSn	04 52.30	
PLE	2.17	344	ePn	04 32.00	2.3X
			eSn	05 02.00	
VOY	6.63	318	e(Pn)	05 31.00	-1.8
			e(Sn)	06 40.60	

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

MAY 21, 1985 07h 15m 33.80± 0.29s
10.144 N ± 5.2km 93.928 E ± 4.3km
DEPTH = 33.0km (normal)
4.7mb (18 obs.)
ANDAMAN ISLANDS REGION (703)

NNT	6.19	66	eP	17 04.00	-1.3
KHT	6.48	44	eP	17 09.80	0.4
SNG	7.24	114	eP	17 20.00	0.0
NST	8.17	47	eP	17 32.50	-0.6
PSI	8.91	146	ePc	17 42.50	-0.8
IPM	8.95	128	ePd	17 42.70	-1.1
			e	19 20.10	
CHG	9.89	29	eP	18 03.50	6.6X
CHTO	9.89	29	eP	17 59.00	2.1
	1.0s		7.75nm		4.9mb
LOE	10.46	46	eP	18 04.00	-0.7
KGM	12.34	130	eP	18 38.00	7.9X
GBA	16.50	284	Pd	19 24.70	0.2
	0.7s		10.30nm		4.1mb
HYB	16.58	298	eP	19 31.00	5.4X
KMI	17.09	28	eP	19 35.00	2.9X
N	16s		1.30um		
			eS	22 56.00	
PKI	19.10	336	eP	19 56.80	-0.2
	0.8s		20.00nm		4.4mb
DMN	19.26	336	eP	19 58.40	-0.4
	0.7s		17.00nm		4.4mb
KKN	19.35	336	eP	19 58.90	-0.9
	0.6s		14.00nm		4.4mb
POO	21.15	295	eP	20 22.00	3.4X
CD2	22.59	22	P	20 33.80	0.9
			S	24 40.00	
NDI	24.20	322	iPc	20 48.80	0.3
			eS	25 04.00	
LZH	27.35	18	eP	21 17.50	-0.6
XAN	27.47	28	P	21 18.00	-1.0
GTA	29.61	9	P	21 38.40	0.0
QUE	32.08	312	eP	22 03.50	3.1X
TIY	32.11	28	eP	22 01.20	0.9
WMQ	33.99	352	P	22 16.50	-0.1
HHC	34.33	24	iPc	22 20.30	0.7
BJI	35.73	30	eP	22 33.00	1.6
CN2	43.25	34	eP	23 34.20	0.5
IR5	46.63	309	eP	24 02.00	0.9
WRA	49.77	127	Pd	24 27.00	1.5
	0.6s		3.50nm		4.6mb
WB2	49.78	127	eP	24 26.80	1.2
CTA	59.61	120	i(P)	25 42.00	4.7X
VAY	69.38	310	eP	26 39.00	-1.6
KJF	70.66	335	iP	26 47.00	-0.9
	0.6s		11.70nm		5.1mb
OHR	70.70	310	eP	26 46.20	-2.5
SUF	70.92	333	iP	26 48.50	-1.0
	0.7s		4.20nm		4.6mb
BUL	70.95	245	iPn	26 51.60	1.0
SOD	72.04	338	iP	26 55.80	-0.4
KEV	72.64	340	eP	27 09.00	9.3X
BNG	74.86	272	iPd	27 14.20	0.5
	0.6s		13.00nm		5.1mb
			id	27 21.50	
VOY	75.86	315	ePd	27 38.00	19.1X
KHC	76.09	318	P	27 19.50	-0.5
KBA	76.24	316	eP	27 23.50	2.4
HFS	76 40	330	eP	27 20.20	-1.3
	0.5s		2.90nm		4.5mb

```
      Z  15s      0.12um          4.3MszX
                  LR     01 29.00
CTI     77.43 315 e(Pg)  27 27.20   -0.4
NB2     77.66 330 P      27 27.20   -1.3
        0.7s      2.40nm          4.3mb
OSS     78.45 316 eP+    27 33.10   -0.2
LLS     79.22 316 eP+    27 37.30   -0.3
DIX     80.37 315 eP+    27 44.20    0.4
EMS     80.71 315 eP+    27 45.70    0.2
HAU     80.93 317 eP     27 46.10   -0.4
FRF     81.14 313 eP     27 47.90    0.3
        1.1s     10.10nm          4.7mb
LRG     81.35 313 eP     27 49.20    0.5
        1.0s     12.50nm          4.9mb
LBF     82.64 316 eP     27 55.10   -0.3
        0.9s      7.50nm          4.8mb
LOR     82.69 317 eP     27 55.50   -0.1
        1.0s      8.00nm          4.7mb
SMF     82.77 316 eP     27 56.10    0.1
        1.1s      5.80nm          4.6mb
SSF     82.95 316 eP     27 56.80   -0.1
AVF     83.09 316 eP     27 57.90    0.3
BGF     83.46 316 eP     28 00.10    0.5
TCF     83.94 316 eP     28 02.40    0.4
LSF     84.41 316 eP     28 04.50    0.1
RJF     84.56 315 eP     28 05.90    0.7
LFF     85.17 315 eP     28 09.20    1.1
DAG     85.25 348 iPd    28 07.10   -0.9
        0.4s      3.39nm          4.9mb
EKA     85.75 325 Pc     28 11.40    0.6
        0.7s      4.90nm          4.8mb
CRZ     86.54 126 P      27 58.00  -17.1X
     S.D. = 0.9   on  56 of  66 obs.

?  MAY  21, 1985  08h 09m 50.87± 3.07s
   33.747 S ±14.6km   71.773 W ±25.6km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE          (135)

LNV     0.37 125 iPd     09 58.40   -1.1
TACH    0.70  83 iPd     10 04.10   -0.3
CHCH    0.95 102 iPc     10 07.90    0.0
SAN     0.97  73 iPc     10 08.60    0.4
                iS      10 29.50
PCH     1.06  84 iPd     10 09.50    0.0
                iS      10 32.60
PEL     1.09  57 iPc     10 10.70    0.8
                iS      10 32.90
BACH    1.14  70 iPc     10 11.40    0.8
FCH     1.31  72 ePd     10 13.70    0.5
MDZ     2.59  71 iP      10 37.10    5.6X
                iS      11 29.70
RFA     2.92 111 eP      10 38.00    1.8
TCA     6.52  70 ePc     11 24.20   -2.9
                S       12 50.60
LPB    17.46  12 Pd      13 54.00    0.1
     S.D. = 1.4   on  11 of  12 obs.

•  MAY  21, 1985  08h 48m 37.75± 1.35s
   4.075 S ±15.7km  130.985 E ±12.6km
   DEPTH =  33.0km  (normal)
   3.6mb (  1 obs.)
 BANDA SEA                            (280)

TLE     2.35 131 eP      48 45.30  -29.5X
AAI     2.81 278 e(P)d   49 21.00   -0.3
                iS      50 13.70
MTN     8.72 179 eP      50 45.00    0.4
                eS      52 26.00
KNA    11.80 190 eP      51 26.00   -0.9
WRA    16.11 169 Pd      52 23.40   -0.1
        0.9s      4.50nm          3.6mb
WB2    16.11 169 eP      52 22.80   -0.7
                eS      55 18.70
ASPA   19.68 172 eP      53 07.00   -0.3
                eS      56 52.00
MAN    21.05 332 iPd     53 36.80   15.4X
                eS      53 54.40
CTA    21.79 138 eP      53 28.00   -0.9
WBN    22.34 190 eP      53 36.00    1.6
YOU    34.13 154 iPd     55 22.40    0.6
CAN    35.28 154 eP      55 32.40    0.7
WAM    35.97 155 eP      55 37.20   -0.2
     S.D. = 0.9   on  11 of  13 obs.

•  MAY  21, 1985  09h 31m 12.09± 1.21s
   6.830 S ±10.3km  128.439 E ±10.4km
   DEPTH = 281.5 ± 10.9 km
   4.5mb (  6 obs.)
 BANDA SEA                            (280)

TLE     4.45  75 i(P)c   32 00.00  -22.9X
                iS      32 45.50
KUPT    5.81 235 ePc     32 39.30    0.1
                eS      33 42.00
KUG     5.83 235 ePc     32 39.30   -0.1
                eS      33 42.00
MTN     6.54 156 eP      32 48.00   -0.2
                eS      33 56.00
KNA     8.87 178 eP      33 17.00   -0.1
                eS      34 59.00
WRA    14.24 157 Pc      34 20.60   -2.9X
        0.5s      1.60nm          3.6mb
WB2    14.24 157 eP      34 23.50    0.0
                iS      37 02.60
TRT    15.70 266 iPd     34 41.60    0.9
MBL    16.50 209 eP      34 48.00   -1.2
ASPA   17.54 163 iPd     35 00.80    0.6
                eS      38 09.00
WBN    19.28 185 eP      35 19.00    1.1
MEK    21.81 204 eP      35 43.00    0.3
MRWA   25.17 206 iPd     36 13.20   -0.8
                e       36 55.00
PSI    30.94 287 iPd     37 05.80    0.4
        0.9s     52.90nm          5.1mb
PKI    53.84 311 eP      40 08.80   -0.4
        0.5s      8.00nm          4.4mb
KKN    54.06 312 eP      40 10.40   -0.2
        0.5s     12.00nm          4.6mb
DMN    54.09 311 eP      40 10.80   -0.1
        0.5s     10.00nm          4.5mb
GBA    54.55 292 P       40 17.00    3.0X
        0.2s      2.30nm          4.3mb
     S.D. = 0.7   on  15 of  18 obs.

&  MAY  21, 1985  09h 37m 43.48s
   58.234 N        137.244 W
   DEPTH =  34.9km
 SOUTHEASTERN ALASKA                  ( 19)
      <AGS-P>.

ABF     1.38  83 iP      38 07.00    0.3
                iS      38 24.40
HON     1.49 326 eP      38 08.08   -0.2
                eS      38 27.63
SIT     1.57 138 eP      38 09.53    0.2
                eS      38 28.93
PNL     1.82 323 eP      38 13.08    0.1
                eS      38 40.78
BCPM    2.12 325 eP      38 19.25    1.9
PCA     2.43 322 eP      38 23.31    1.6
        6 obs. associated

   MAY  21, 1985  10h 01m 01.78± 0.22s
   15.109 S ± 4.6km   75.313 W ± 7.4km
   DEPTH =  33.0km  (normal)
   4.7mb ( 13 obs.)  4.3Msz (  1 obs.)
 NEAR COAST OF PERU                   (115)

ARE     3.92 111 eP      02 02.00    0.6
                iS      02 56.50
LPB     7 09 102 P       02 51.00    4.7X
                i       02 52.00
                (S)     04 43.00
                LR      05 28.00
ANT     9.72 152 eP      03 18.00   -4.4X
YJA    11.65 129 ePd     03 50.00    0.8
SLA    13.29 138 ePc     04 10.00   -0.9
PSO    16.32 353 eP      04 55.50    4.9X
PEL    18.44 168 iPc     05 15.70   -0.9
MDZ    18.64 163 eP      05 19.30    0.2
BACH   18.68 167 iP      05 19.00   -0.6
FCH    18.70 167 eP      05 20.50    0.4
SAN    18.74 168 eP      05 20.00   -0.3
TCA    18.90 151 ePd     05 21.20   -1.1
PCH    18.94 168 eP      05 23.50    0.8
BOG    19.64   4 eP      05 36.50    5.2X
                eS      09 16.00
GIE    20.57 313 eP      05 45.40    4.8X
BMG    22.15   6 eP      06 03.00    6.4X
BAO    26.34  95 Pc      06 37.90    1.0
                e       06 39.30
                e       06 40.90
                e       06 42.90
                e       06 46.10
VAO    27.88 111 eP      06 51.00    0.1
ITR    36.60  84 eP      08 01.50   -5.6X
TPM    41.16 325 iPc     08 47.50    2.4
PRM    49.38 352 eP      09 50.00   -0.2
RSCP   51.36 349 eP      10 04.50   -0.9
        1.0s     20.00nm          5.0mb
LTX    51.98 328 eP      10 10.00   -0.2
        1.0s      6.00nm          4.5mb
BHO    52.61 340 eP      10 14.40   -0.4
        1.2s      7.80nm          4.5mb
POW    53.15 344 P       10 17.50   -1.2
RLO    54.30 340 eP      10 26.40   -0.8
TUL    54.32 340 iPd     10 27.00   -0.3
        1.3s     94.40nm          5.7mb
      Z  20s      0.25um          4.3Msz
FVM    54.68 345 eP      16 28.50   -1.5
        0.8s      6.82nm          4.7mb
ALQ    57.90 330 eP      10 52.00   -1.3
        0.1s    105.56nm          6.8mb X
SKLY   58.79   1 eP      10 59.10    0.1
RSNY   59.37   1 iP      11 03.30    0.2
        0.9s     10.08nm          4.9mb
OTT    60.21 360 eP      11 09.00    0.2
MNT    60.34   1 iPd     11 10.00    0.3
GLD    61.28 334 eP      11 16.50    0.0
GOL    61.30 334 eP      11 16.00   -0.8
        1.0s      4.50nm          4.6mb
RMU    61.82 328 e(P)    11 28.00    7.8X
MSU    63.54 328 P       11 31.40   -0.2
RSSD   64.51 337 eP      11 38.30    0.4
        1.0s      6.50nm          4.7mb
DAU    64.54 330 P       11 38.60    0.3
DUG    65.14 329 P       11 42.40    0.5
BDW    65.64 333 eP      11 44.00   -1.1
        1.0s      4.20nm          4.5mb
EUR    66.23 327 iP      11 49.40    0.4
        0.5s      2.66nm          4.6mb
BMN    67.58 327 P       12 02.10    4.6X
JAS1   67.63 323 eP      11 58.00    0.3
RSON   67.63 348 iP      11 56.50   -0.9
        1.0s      6.00nm          4.6mb
WCN    68.19 324 eP      12 03.00    1.7
LRM    69.31 333 eP      12 08.20    0.0
ORV    69.35 323 iP      12 09.20    0.9
SCH    70.02   5 eP      12 12.00   -0.1
SES    72.37 337 eP      12 26.00   -0.4
KIC    73.09  78 eP      12 31.00   -0.2
NEW    73.24 332 eP      12 33.00    1.5
SPA    74.99 180 eP      12 42.20    0.6
        1.0s     12.00nm          4.8mb
PNT    75.14 332 eP      12 44.00    1.6
EDM    75.49 337 ePc     12 43.50   -0.9
YKC    83.19 343 eP      13 26.00    0.3
        0.9s     14.00nm          5.1mb
INK    92.92 342 eP      14 12.00   -0.3
COL    96.33 336 eP      14 28.00    0.0
WRA   134.57 221 PKPd    20 19.30    0.0
        0.8s      4.10nm
POO   150.31  79 iPKPc   20 52.00    5.3X
NDI   151.24  57 iPKPc   20 54.50    6.7X
BJI   153.21 340 ePKP    20 58.00    7.8X
GBA   153.56  90 PKPc    21 00.40    9.0X
     S.D. = 0.8   on  50 of  63 obs.

%  MAY  21, 1985  10h 03m 28.69± 0.87s
   39.101 N ± 7.1km   27.620 E ± 8.9km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                               (366)

IZM     0.76 202 ePg     03 43.50    0.0
                iSg     03 56.50
DST     0.93  57 iPn     03 46.50    0.0
EZN     1.24 306 iPn     03 51.70    0.1
EDC     1.26   9 iPn     03 52.10    0.0
KGT     1.37 350 iPn     03 53.70   -0.1
     S.D. = 0.1   on   5 of   5 obs.

%  MAY  21, 1985  10h 14m 22.83± 2.21s
   41.130 N ±21.1km   27.741 E ±12.0km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                               (366)

MFT     0.49 226 iPg     14 32.70   -0.1
CTT     0.52  88 iPg     14 33.40    0.0
DMK     0.69   1 iPg     14 10.50  -26.0X
                iSg     14 20.50
```

21d 10h

KGT	0.75	206	ePn	14 37.70	0.1
EDC	0.79	173	iPn	14 38.10	-0.1
ISK	1.00	93	ePn	14 41.70	0.0

S.D. = 0.1 on 5 of 6 obs.

% MAY 21, 1985 10h 33m 53.52± 1.26s
38.880 N ± 5.1km 31.152 E ±13.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ALT	0.83	283	iPg	34 09.20	-0.4
			iSg	34 21.20	
BCK	1.48	198	iPn	34 20.40	0.1
GPA	1.55	335	iPn	34 21.40	0.2
DST	2.09	291	ePn	34 30.00	0.9
YLV	2.17	321	ePn	34 30.70	0.4
ELL	2.34	2 5	iPn	34 33.00	0.2
KCT	2.56	303	ePn	34 36.50	0.8
ISK	2.71	324	ePn	34 37.70	-0.2
YER	2.86	233	ePn	34 39.50	-0.5
EDC	2.93	301	ePn	34 50.00	9.0X
CTT	3.08	318	ePn	34 42.70	-0.4
KGT	3.36	299	ePn	34 56.70	9.6X
MFT	3.54	304	ePn	35 00.00	10.3X
EZN	3.86	286	ePn	34 54.20	0.0
DMK	3.92	320	iPn	34 54.00	-1.0

S.D. = 0.6 on 12 of 15 obs.

& MAY 21, 1985 10h 34m 46.90s
39.123 N 122.042 W
DEPTH = 10.0km (geophysicist)
NORTHERN CALIFORNIA (36)
<BRK>. ML 2.9 (BRK).

ORV	0	60	44 iPd	34 57.80	-1.3
			iS	35 07.20	
GAS	0.74	316	eP	35 00.10	-1.5
NWRM	0.94	225	eP	35 03.00	-1.8
ZSP	1.19	188	eP	35 10.80	1.8
BKS	1.25	187	iPc	35 08.20	-2.0
			e(Pg)	35 10.90	
			eS	35 24.80	
BRK	1.26	188	eP	35 10.90	0.6
MIN	1.27	15	ePc	35 08.40	-2.1
			iS	35 25.00	
WDC	1.50	345	ePd	35 10.00	-3.9
			i	35 16.70	
			iS	35 28.60	
PCC	1.64	189	eP	35 13.00	-2.9
JAS1	1.75	133	iPd	35 15.90	-1.5
WCN	1.79	83	eP	35 18.40	0.2
MHC	1.81	170	e(P)	35 16.10	-2.3
ARN	1.82	167	eP	35 16.40	-2.1
SAO	2.40	168	eP	35 24.40	-2.5
LMHM	2.47	7	eP	35 29.40	1.3
EUR	4.72	84	iP	36 00.00	-0.1

0.5s 1.33nm
16 obs associated

? MAY 21, 1985 10h 47m 59.98± 9.95s
32.836 S ±26.5km 72.822 W ±77.2km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.62	134	iPd	48 26.70	0.1
TACH	1.78	118	iPd	48 28.30	-0.6
PEL	1.82	100	iPc	48 29.90	0.3
			iS	48 49.30	
SAN	1.91	109	eP	48 30.50	-0.4
			iS	48 52.50	
BACH	2.02	105	iPc	48 32.70	0.2
			iS	48 53.70	
PCH	2.09	113	iPd	48 33.50	0.1
CHCH	2.12	122	iPc	48 34.20	0.4
FCH	2.18	104	iPd	48 35.00	0.0
MDZ	3.34	92	eP	48 56.40	5.2X
			iS	49 40.40	
TCA	7.14	80	e(P)	49 44.80	-0.1

S.D = 0.4 on 9 of 10 obs.

MAY 21, 1985 11h 59m 50.13± 0.64s
39.214 N ± 5.8km 28.314 E ± 5.0km
DEPTH = 15.9 ± 5.5 km
TURKEY (366)

DST	0.46	32	iPg	59 58.30	-1.1
KCT	1.03	2	iPn	00 09.70	0.5
IZM	1.16	226	iPn	00 11.00	-0.4
EDC	1.18	343	iPn	00 11.60	-0.1
ALT	1.41	96	iPn	00 15.20	0.0
KGT	1.46	328	iPn	00 16.60	0.8
YLV	1.58	31	iPn	00 17.60	0.0
EZN	1.65	292	iPn	00 19.20	0.6
MFT	1.76	334	iPn	00 20.60	0.4
GPA	1.88	54	iPn	00 22.80	0.9
CTT	1.93	3	iPn	00 22.60	-0.1
ISK	1.94	17	ePn	00 26.60	3.9X
DMK	2.64	351	iPn	00 32.00	-0.8
KDZ	3.32	318	iPd	00 42.00	-0.4
MMB	4.23	306	iPc	00 55.00	-0.4

S.D. = 0.7 on 14 of 15 obs.

? MAY 21, 1985 12h 08m 37.00± 3.88s
59.259 N ±27.7km 5.736 E ±22.5km
DEPTH = 10.0 ± 13.4 km
SOUTHERN NORWAY (535)
DUR 2.1 (BER).

KMY	0.26	260	iPn	08 42.50	0.1
			eSn	08 57.50	
ODD	0.84	34	iPn	08 53.50	0.3
			eSn	09 15.00	
ASK	1.26	348	ePn	09 01.50	1.2
			eSn	09 27.70	
SUE	1.87	345	iPn	09 08.00	-1.2
			eSn	09 41.00	
HYA	1.93	7	iPn	09 09.60	-0.5
			eSn	09 44.50	

S.D. = 1.8 on 5 of 5 obs.

% MAY 21, 1985 12h 43m 58.56± 0.81s
60.307 N ± 6.5km 5.399 E ±10.4km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.8 (BER).

ASK	0.20	330	iPg	44 02.60	-0.4
			iSg	44 06.20	
ODD	0.73	119	iPg	44 12.50	-0.4
			eSg	44 23.00	
SUE	0.82	338	iPn	44 14.40	0.1
			eSn	44 26.00	
HYA	0.95	24	iPg	44 17.00	0.5
			iSg	44 31.50	
KMY	1.10	184	iPn	44 19.50	0.3
			eSn	44 34.50	

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

& MAY 21, 1985 13h 24m 20.90s
35.807 N 120.358 W
DEPTH = 8.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.8 (BRK).

PHAM	0.04	311	iP	24 22.80	0.1
PRI	0.42	323	iPc	24 29.40	0.0
			iS	24 35.80	
LLA	0.94	330	ePc	24 38.50	-0.5
PRS	0.97	303	iPc	24 38.50	-1.1
			iS	24 51.90	
BLP	1.24	182	eP	24 42.50	-1.7
FRI	1.29	24	eP	24 43.00	-2.0
SAO	1.30	318	iPc	24 43.30	-1.8
SLD	1.44	331	P	24 46.00	-1.4
WKTM	1.56	90	iP	24 46.90	-2.1
			eS	25 06.10	
GCC	1.80	313	iPc	24 50.20	-2.2
ARN	1.81	329	P	24 50.20	-2.4
MHC	1 85	326	e(P)	24 52.00	-1.3
VPEM	2.07	85	P	24 55.20	-1.3
JAS1	2.12	359	eP	24 55.40	-1.6
			iS	25 21.80	
PCC	2.35	317	iPc	24 57.80	-2.5
PPK	2.55	50	P	25 04.30	0.9
BKS	2.56	324	e(P)	25 04.10	0.8
MCA	2.63	70	P	25 06.10	1.8
PGE	2.72	78	P	25 08.60	2.7
QSM	2.84	86	P	25 05.40	-2.0
YMT3	3.33	72	P	25 12.80	-1.7
WCN	3.53	8	P	25 15.60	-1.7
ORV	3.85	347	P	25 13.00	-8.7

23 obs associated

MAY 21, 1985 16h 02m 28.59± 0.34s
15.897 S ± 9.5km 173.776 W ± 7.0km
DEPTH = 33.0km (normal)
4.6mb (6 obs.)
TONGA ISLANDS (173)

NUE	4.85	131	P	03 41.00	-0.1
			S	04 30.00	
WB2	49.37	257	eP	11 16.90	-0.4
WRA	49.38	257	Pc	11 17.70	0.3
	0.5s		1.80nm		4.4mb
ASPA	49.62	252	eP	11 19.00	-0.2
WBN	56.20	249	eP	12 08.00	-0.1
PME	79.73	12	eP	14 40.10	5.7X
	1.0s		10.00nm		4.8mb
TTA	79.79	8	eP	14 34.50	-0.3
PNL	80.30	17	eP	14 46.00	8.5X
LTX	81.19	56	eP	14 43.00	0.1
	1.1s		4.71nm		4.4mb
ALQ	81.39	50	eP	14 44.00	0.0
	1.2s		9.77nm		4.7mb
LRM	82.63	38	eP	14 50.20	-0.1
			e	15 14.30	
BDW	82.87	42	iP	14 51.50	-0.1
	1.0s		5.60nm		4.6mb
			e	15 15.00	
COL	82.95	11	eP	14 51.00	-0.2
	0.7s		5.14nm		4.7mb
PRU	145.33	351	PKP	22 04.50	-0.1
JOS	145.43	343	ePKP	22 04.80	0.0
KHC	146.31	351	PKP	22 07.40	1.1
			e	22 31.00	
GRC	148.58	4	iPKPc	22 13.80	3.9X

S.D. = 0.4 on 14 of 17 obs.

& MAY 21, 1985 16h 07m 32.12s
61.378 N 151.483 W
DEPTH = 77.5km
SOUTHERN ALASKA (2)
<AGS-P>.

CGLM	0.26	255	iP	07 43.75	-0.4
			eS	07 53.58	
SPU	0.34	235	iP	07 44.08	-0.5
			eS	07 52.94	
CRP	0.34	251	iP	07 44.40	-0.4
NKA	0.65	169	iP	07 48.21	1.0
PWA	0.82	70	iP	07 49.01	0.0
			eS	08 01.75	
RDT	0.92	210	iP	07 49.93	-0.5
			eS	08 04.47	
PMS	0.94	97	eP	07 50.28	-0.3
			eS	08 03.91	
SLKM	1.07	144	eP	07 50.95	-1.2
			eS	08 06.58	
PLRM	1.15	78	eP	07 52.49	-0.6
			eS	08 07.97	
GHO	1.29	71	eP	07 54.45	-0.6
			eS	08 11.27	
MSE	1.29	68	eP	07 54.53	-0.5
			eS	08 11.21	
PTE	1.30	112	iP	07 53.94	-1.1
ILM	1.37	209	eP	07 55.45	-0.5
			eS	08 14.56	
MPA	1.37	130	eP	07 55.07	-0.9
KNK	1.46	87	eP	07 56.35	-0.8
			eS	08 15.00	
SML	1.57	73	iP	07 57.64	-1.0
SEW	1.62	141	eP	07 59.15	-0.2
BRLK	1.65	169	eP	07 58.84	-0.9
			eS	08 20.42	
CFI	1.81	95	eP	08 00.41	-1.4
SVW	2.02	264	eP	08 04.39	-0.4
TTV	2.14	97	eP	08 04.76	-1.6
GLI	2.19	101	eP	08 04.68	-2.4
VZW	2.41	95	eP	08 07.85	-2.3
			eS	08 35.61	
VLZ	2.50	93	eP	08 09.45	-1.9
FID	2.51	102	eP	08 08.56	-3.0
TTA	2.64	308	eP	08 12.86	-0.5
KLU	2.68	85	eP	08 11.67	-2.2

27 obs. associated

? MAY 21, 1985 16h 26m 57.08± 4.63s
40.909 N ±16.9km 123.800 W ±36.8km
DEPTH = 5.0km (geophysicist)
NORTHERN CALIFORNIA (36)
ML 2.8 (BRK).

WDC	1.01	109	iPc	27 17.50	0.8
			iS	27 28.70	
GAS	1.50	146	eP	27 25.20	0.4
LMHM	1.75	67	eP	27 28.80	0.3
MIN	1.76	108	iPc	27 27.70	-0.9
			eS	27 48.80	
ORV	2.22	127	iPd	27 35.30	0.2
			eS	27 59.80	
WCN	3.49	116	eP	27 52.50	-0.8
S.D. = 0.9			on	6 of 6 obs.	

& MAY 21, 1985 16h 39m 47.47s
59.732 N 152.918 W
DEPTH = 92.4km
SOUTHERN ALASKA (2)
<AGS-P>.

AUL	0.44	217	eP	40 01.80	-0.4
ILM	0.45	6	iP	40 01.96	-0.4
			eS	40 13.84	
AUI	0.48	213	iP	40 01.85	-0.6
HOM	0.65	96	eP	40 03.80	-0.1
RED	0.69	6	iPd	40 03.90	-0.6
CNPM	0.88	103	iPc	40 05.60	-0.7
RDT	0.88	17	iP	40 05.77	-0.6
			eS	40 20.31	
CDD	0.89	205	eP	40 05.30	-1.1
BRLK	1.03	87	iP	40 07.02	-1.0
NKA	1.32	39	eP	40 12.49	1.1
			eS	40 30.62	
SPU	1.52	16	iP	40 13.02	-1.0
SLKM	1.56	59	eP	40 13.24	-1.3
			eS	40 35.16	
CRP	1.59	13	iP	40 14.18	-0.8
			eS	40 35.71	
CGLM	1.64	16	iP	40 14.80	-0.9
SEW	1.79	76	eP	40 15.92	-1.5
			eS	40 38.09	
SVW	1.92	317	iP	40 17.49	-1.8
			eS	40 41.38	
MPA	1.94	65	iP	40 18.14	-1.3
KDC	2.00	173	eP	40 17.58	-2.7
PTE	2.25	58	eP	40 22.29	-1.3
PMS	2.25	46	eP	40 22.52	-1.2
			eS	40 48.64	
KNK	2.77	51	eP	40 28.63	-2.2
			eS	41 00.00	
GHO	2.83	42	eP	40 29.36	-2.3
			eS	41 01.62	
MSE	2.87	41	eP	40 29.66	-2.5
CFI	2.94	58	eP	40 31.83	-1.3
			eS	41 04.24	
SML	3.07	45	eP	40 32.25	-2.6
GLI	3.12	66	eP	40 33.15	-2.3
FID	3.37	70	eP	40 35.63	-3.3
VZW	3.43	64	eP	40 37.46	-2.3
			eS	41 15.27	
SCM	3.46	50	eP	40 37.79	-2.4
VLZ	3.55	64	eP	40 39.57	-1.9
KLU	3.87	60	eP	40 43.69	-2.3
SGAM	3.94	75	eP	40 43.89	-2.9
KMP	4.28	62	eP	40 49.09	-2.5
COL	5.71	23	eP	41 07.00	-4.3
34 obs. ossocioted					

MAY 21, 1985 17h 43m 29.99± 0.33s
46.743 N ± 3.6km 10.461 E ± 3.0km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.7 (GRF), 3.7 (VKA), 3.6
(KBA), 3.5 (FUR), 3.5 (LDG).

OSS	0.23	256	ePo+	43 34.10	-0.8
OGA	0.41	72	iPgc	43 35.30	-3.1X
VDL	0.73	250	iPd	43 43.10	-1.4
GAP	0.84	29	iPgd	43 44.80	-1.5
SAX	0.92	304	eP	43 47.60	-0.1
LLS	1.01	278	eP	43 48.10	-1.2
CTI	1.08	130	ePg	43 48.60	-1.7
			eSg	44 02.20	
SAL	1.14	178	iPgc	43 50.60	-0.6
			eSg	43 53.50	
FUR	1.53	21	iPnd	43 58.80	1.4
ZUL	1.60	298	eP	44 01.80	3.4X
SLE	1.69	308	iPd	44 00.40	0.7
MMK	1.86	249	eP	44 02.90	0.5
BHG	1.92	58	iPnd	44 05.50	2.5
KBA	2.01	79	iPnc	44 05.20	0.8
			iPg	44 07.70	
			iSn	44 29.10	
			iSg	44 33.90	
ORO	2.05	238	ePn	44 06.80	1.7
			e(Sn)	44 33.00	
STU	2.20	338	ePd	44 07.50	0.4
0.4s 22.03nm					
DIX	2.21	254	eP	44 09.80	2.3
BUH	2.45	323	ePn	44 10.60	-0.1
VOY	2.48	105	iPnd	44 11.20	0.1
			iPg	44 14.60	
			iSn	44 37.00	
			i(Sg)	44 45.00	
TRI	2.52	113	ePn	44 15.30	3.8X
			e	44 42.00	
			iSn	44 47.00	
ROF	2.60	292	ePn	44 13.80	1.0
BSF	2.72	295	Pn	44 15.00	0.3
			Pg	44 23.20	
			Sn	44 48.10	
			Sg	45 00.10	
CDF	2.73	309	Pn	44 14.70	0.0
			Pg	44 22.70	
			Sn	44 46.50	
			Sg	44 57.20	
KMR	2.82	61	iPg-	44 20.80	4.9X
			iSg	44 56.40	
WET	2.90	33	iPnc	44 16.10	-1.0
LJU	2.90	102	ePn	44 22.40	5.3X
			i	44 24.50	
			eSg	44 58.50	
CEY	2.93	109	ePn	44 24.90	7.4X
			iSn	44 53.70	
			iSg	45 00.20	
GRF	2.99	10	ePn	44 15.80	-2.6
			ePg	44 26.00	
			eSg	45 04.80	
HAU	3.07	296	Pn	44 19.90	0.5
			Pg	44 27.40	
			Sn	44 56.40	
			Sg	45 09.00	
KHC	3.18	40	iPn	44 21.40	0.4
			Pg	44 28.00	
			eSn	45 00.00	
			Sg	45 10.20	
HOF	3.70	14	ePn	44 27.90	-0.5
TNS	3.73	340	ePn	44 29.00	0.1
			eSn	45 12.90	
			eSg	45 29.90	
MOX	3.98	11	ePn	44 30.00	-2.4
			ePg	44 46.00	
			eSn	45 16.00	
			eSg	45 35.00	
WLF	4.10	317	Pn	44 36.00	2.0
			Sg	45 45.40	
FRF	4.17	222	Pn	44 35.50	0.4
			Sn	45 25.00	
PRU	4.24	38	ePn	44 36.00	0.0
			Pg	44 47.20	
			eSn	45 23.60	
			Sg	45 46.20	
VKA	4.25	67	iPnc	44 37.50	1.3
			iSn	45 26.20	
			iSg	45 47.70	
SOP	4.26	75	eP	44 46.40	10.0X
CVF	4.33	196	Pn	44 37.60	0.3
			Sn	45 26.10	
LRG	4.39	223	Pn	44 38.50	0.4
			Sn	45 30.20	
LMR	4.41	221	Pn	44 38.50	0.0
			Sn	45 29.40	
L8F	4.45	275	Pn	44 39.10	0.0
			Sn	45 29.50	
			Sg	45 53.90	
LOR	4.55	279	Pn	44 40.60	0.2
			Sn	45 32.40	
			Sg	45 57.10	
SMF	4.56	271	Pn	44 40.40	-0.1
			Sn	45 31.80	
			Sg	45 58.00	
ZST	4.73	70	e(Pn)	44 57.20	14.1X
			e	46 06.50	
SSF	4.78	276	Pn	44 43.70	0.0
CLL	4.87	19	ePg	45 06.00	21.1X
			iSg	46 07.00	
AVF	4.88	273	Pn	44 45.30	0.1
GRC	5.08	279	iPd	44 48.30	0.3
DOU	5.15	313	Pn	44 50.80	1.9
			Sn	45 46.60	
BGF	5.25	271	Pn	44 49.60	-0.7
			Sn	45 49.50	
SRO	5.45	76	eP	45 22.90	29.7X
			e	46 38.20	
TCF	5.71	268	Pn	44 55.90	-1.0
			Sn	46 00.60	
CAF	6.14	256	Pn	45 02.70	-0.2
			Sn	46 11.30	
LSF	6.19	269	Pn	45 02.90	-0.7
RJF	6.39	260	Pn	45 06.40	-0.1
LPO	6.81	256	Pn	45 12.20	-0.2
MFF	7.30	273	Pn	45 18.30	-0.9
GRR	7.83	286	Pn	45 25.90	-0.7
LPF	7.91	284	Pn	45 26.90	-0.9
S.D. = 1.1			on	50 of 60 obs.	

? MAY 21, 1985 18h 10m 49.29± 9.41s
42.974 N ±47.5km 1.227 W ±56.4km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)

ISSF	0.32	80	Pc	10 55.82	-0.2
LHE	0.45	98	P	10 57.86	-0.6
EPF	1.15	87	Pn	11 11.70	0.8
			Sn	11 30.60	
MLS	1.70	90	eP	11 22.90	3.8X
			eS	11 48.70	
LPO	2.44	45	Pn	11 30.40	0.6
RJF	3.05	39	Pn	11 37.80	-0.7
CAF	3.07	49	Pn	11 38.80	0.0
			Sn	12 15.20	
S.D = 0.8			on	6 of 7 obs.	

• MAY 21, 1985 18h 39m 52.16± 0.79s
48.701 S ±15.1km 126.233 E ±13.4km
DEPTH = 10.0km (geophysicist)
5.0mb (4 obs.)
SOUTH OF AUSTRALIA (437)

TAU	15.78	76	eP	43 37.00	1.1
RKG	16.15	331	eP	43 33.00	-7.7
NWAO	17.15	333	eP	43 54.00	0.7
MRWA	20.98	334	iPd	44 37.80	0.0
WBN	22.52	1	eP	44 53.00	-0.3
ASPA	25.71	16	eP	45 23.00	-1.1
GBA	75 57	311	Pc	51 44.20	5.6X
0.5s 5.90nm 4.9mb					
KMI	76.44	338	eP	51 45.50	1.8X
PKI	84.25	324	eP	52 25.80	0.4
0.9s 10.00nm 5.0mb					
DMN	84.40	324	eP	52 26.80	0.8
0.7s 6.00nm 4.9mb					
KKN	84.50	324	eP	52 27.00	0.5
0.6s 7.00nm 5.1mb					
INK	137.67	33	ePKP	59 16.00	-0.8
YKA	144.42	44	ePKP	59 28.30	-0.6
YKC	144.48	44	ePKP	59 27.00	-2.0
1.0s 15.00nm					
BHO	146.51	100	e(PKP)	59 21.80	-11.5X
TUL	146.82	97	e(PKP)	59 34.50	0.7
1.5s 34.00nm					
RLO	147.47	97	e(PKP)	59 35.50	0.7
DAG	148.64	345	iPKPd	59 38.20	2.7X
0.5s 2.82nm					
EKA	148.76	302	PKP	59 40.00	3.8X
1.2s 10.10nm					
FFC	150.03	60	ePKP	59 43.00	4.8X
1.1s 10.00nm					
S.D. = 1.0			on	13 of 20 obs	

MAY 21, 1985 19h 12m 53.24± 0.39s
0.292 N ± 2.9km 121.518 E ± 3.7km
DEPTH = 183.8 ± 3.9 km
5.4mb (37 obs.)
MINAHASSA PENINSULA (265)
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.8.: 13S, 21C
Centroid Location:
Origin Time 19:12:52.8 1.0
Lat 0.29N 0.08 Lon 121.34E 0.13
Dep 149.2 4.0 Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr= 8.48 0.79 Mtt=-1.77 1.13

21d 19h

Mff=-6.71 1.29 Mrt= 3.18 0.83
Mrf=-5.00 0.99 Mtf= 3.59 1.31
Principal Axes:
T Val= 10.34 Plg=73 Azm= 53
N 0.10 2 151
P -10.44 17 241
Best Double Couple:Mo=1.0*10**24
NP1:Strike=335 Dip=28 Slip= 95
NP2: 150 62 87

BKB 4.94 252 iPd 14 05.60 -1.6
0 Bs 1710.30nm
AAI 7.75 121 ePd 14 43.80 -0.5
iS 16 07.60
KKM 7.79 317 ePc 14 43.50 -1.3
1.0s 265.90nm 5.5mb X
e 16 13.50
DAV 7.87 31 iPd- 14 47.00 1.2
CGP 8.70 21 iPd 14 57.40 0.7
iS 15 02.00
MAP 10.26 14 iPc 15 18.50 1.4
iS 15 32.00
KUPT 10.58 169 eP 15 25.00 3.8X
KUG 10.59 169 eP 15 25.00 3.6X
TRT 11.90 228 iPd 15 38.40 0.1
1.3s 1268.70nm 6.2mb X
SJI 12.57 230 iPc 15 47.10 0.1
1.0s 67.10nm 5.0mb
PGP 13.14 358 eP 15 54.00 -0.1
eS 16 09.00
QCP 14.26 358 iP 15 55.00 -13.2X
MAN 14.28 358 iPc 16 10.00 1.5
0.9s 2.89.00nm 6.6mb X
BAG 16.04 357 ePc+ 16 29.00 -1.4
1.0s 292.00nm 5.6mb
eS 19 28.00
MTN 16.16 144 eP 16 31.00 -0.7
SZP 17.18 357 iPc 16 45.00 1.1
KNA 17.47 156 eP 16 46.00 -1.3
0 6s 215.00nm 5.7mb
PIP 17.94 357 iPd 16 51.00 -1.2
KGM 18.28 276 iPd 16 55.40 -0.4
0.9s 352.40nm 5.8mb
IPM 20.91 282 iPd 17 23.00 0.4
0.9s 93.00nm 5.3mb
i 17 34.00
e 21 08.80
PPI 21.13 268 eP 17 25.20 0.4
0.7s 163.00nm 5.6mb
e(S) 21 13.20
MBL 21.38 184 iPd 17 27.00 -0.3
0.5s 57.00nm 5.3mb
SNG 21.94 289 eP 17 34.00 1.3
eS 21 23.50
HKC 23.02 342 eP 17 44.50 1.4
TSI 23.16 278 ePd 17 47.00 2.5
WRA 23.71 149 Pc 17 49.10 -0.8
1 0s 205.80nm 5.7mb
WB2 23.72 149 iPc 17 49.10 -0.8
eS 21 50.20
TATO 24.54 360 iP 17 56.80 -0 7
1.0s 496.00nm 6.1mb
Z 21s 0.31um 3.8Msz
NNT 24.82 300 eP 18 00.80 0.6
LOE 25.86 312 eP 18 08.50 -1.2
e 24 57.50
MOM 25.98 95 e(P) 18 10.00 -0.9
NST 26.06 307 iPc 18 12.70 1 1
LAT 26.35 106 eP 18 25.00 10.8X
ASPA 26 68 174 iPc 18 16 80 -0 4
1 2s 75 00nm 5.3mb
WBN 26.73 170 iPc 18 17 40 -0.2
0 4s 28 00nm 5 3mb
MEK 26.90 186 eP 18 18 00 -1.2
0.4s 68.00nm 5.7mb
PMG 27.28 111 eP 18 19.00 -3.7X
BDT 27.84 308 iPc 18 29.00 1.4
0.7s 171.90nm 5.9mb
CHG 28.80 311 iPc+ 18 37.00 0.7
1.0s 152.50nm 5.7mb
eS 23 20.00
CHTO 28.80 311 iP 18 36.00 -0.3
1 0s 147.50nm 5.7mb
i 19 15.00
MRWA 29.81 190 iPd 18 44.30 -0.8
0.5s 55.00nm 5.5mb
ALOA 30.57 111 eP 18 52.50 0.6

SSE 30.64 359 iPc+ 18 52.60 0.4
1.0s 238.00nm 5.9mb
Z 16s 0.60um 4.3MszX
eS 24 22.00
esS 24 44.00
KMI 30.64 325 Pc+ 18 54.00 1.3
2.0s 0.50nm 2.9mb X
pP 19 26.00 151kmX
sP 19 43.00
PP 20 05.00
eS 23 49.00
KLG 30.90 180 eP 18 53.30 -1.3
0.3s 13.00nm 5.1mb
BAL 31.07 188 iPc 18 55.20 -0.9
CTA 31.58 131 iPd 19 00.80 0.1
0.9s 58.82nm 5.3mb
eS 24 50.00
KLB 31.91 186 iPc 19 02.30 -1.1
MUN 32.49 188 iPc 19 07.60 -0.8
NWAO 33.29 187 iPc 19 15.10 -0.2
RKG 34.44 187 eP 19 30.00 4.8X
SHK 35.63 16 ePc 19 34.10 -1.0
STK 37.21 151 iPc 19 48.70 0.2
RMO 37.38 138 eP 19 50.00 0.0
ADE 38.58 157 iPc 20 00.80 0.8
0.7s 49.32nm 5.3mb
OYM 38.66 23 eP 19 58.00 -2.6
SRY 38.83 23 eP 19 59.50 -2.5
CMS 39.11 146 iPc 20 05.10 0.8
1.0s 60.00nm 5.2mb
MAT 39.25 21 iPc 20 03.80 -1.6
0.8s 100.75nm 5.5mb
eS 26 00.00
HNR 39.46 105 eP 20 07.00 -0.4
TSK 39.69 24 eP 20 05.80 -3.2X
BJI 39.86 354 Pc+ 20 11.00 0.7
e 20 49.00
e 25 45.50
BFD 42.06 155 eP 20 28.00 -0.4
COO 42.14 139 iPc 20 31.10 1.9
YOU 42.62 146 iPc 20 34.50 1.5
i 21 13.60
CAN 43.73 147 iPc 20 43.50 1.5
i 21 22.60
i 21 25.10
PKI 43.99 311 iPc 20 45.40 0.8
KKN 44.20 311 iPc 20 47.10 1.0
DMN 44.24 311 ePc 20 47.70 1.3
WAM 44.32 148 iPc 20 47.50 0.9
KOD 44.90 284 eP 20 51.00 -0.9
HYB 45.56 294 iPc 20 57.50 0.7
0.9s 91.70nm 5.3mb
GBA 45.60 289 Pc 20 57.20 0.2
1.1s 60.90nm 5.0mb
KOU 46.67 119 iPc 21 03.80 -1.6
NOU 49.18 120 iPc 21 25.30 0.5
PVC 49.39 114 iPc 21 29.00 2.6X
POO 50.17 294 iPc 21 30.00 -2.4
NDI 50.86 308 iPc 21 35.40 -2.1
0.6s 93.33nm 5.6mb
eS 28 37.50
VUN 58.84 111 ePd 22 36.00 0.9
QUE 59.70 305 iPc 22 40.00 -1.1
eS 30 39.00
MSZ 60.76 144 P 22 48.50 0.8
(PcP) 23 29.00
KRP 62.52 134 P 23 00.30 0.8
1.0s 85.00nm 5.6mb
e 23 37.60
WEL 63.41 138 P 23 04.80 -0.6
0.9s 228.57nm 6.0mb
GNZ 64.60 134 P 23 14.20 1.1
MHI 67.55 309 iPc 23 32.00 -0.1
DRV 68.09 172 iP 23 33.50 -1.2
SHI 71.66 301 iPc 23 57.00 -0.3
ADK 72.73 35 P 24 03.00 0.2
IR5 74.32 306 iPc 24 12.90 0.3
KER 76.99 305 ePd 24 26.50 -1.1
TAB 78.18 309 eP 24 34.00 -0.1
MSL 80.46 307 ePd 24 46.00 -0.2
SBA 81.71 171 iPc 24 52.90 1.1
RTB 82.48 303 iPd 24 58.00 1.3
e 25 37.50
NAI 84.72 269 iPc 25 12.00 3.3X
0.8s 29 85nm 5.1mb
TTA 86.30 27 eP 25 15.80 0.5
JER 86.71 302 iPd 25 18.50 0.5

PRNI 86.85 300 eP 25 19.40 0.8
BRW 87.07 19 eP 25 20.50 1.8
KDC 87.61 32 eP 25 21.80 0.3
IMA 87.62 24 eP 25 22.30 0.6
PMS 89.22 29 eP 25 28.70 -0.5
PMR 89.43 29 P 25 30.00 -0.1
0.9s 10.83nm 4.8mb
COL 90.03 25 eP 25 32.00 -0.9
0.7s 11.30nm 4.9mb
FBA 90.03 25 eP 25 31.70 -1.2
0.7s 11.40nm 4.9mb
SPA 90.29 180 eP 25 36.30 2.1
0.8s 24.58nm 5.2mb
KEV 91.30 340 eP 25 38.00 -0.6
KJF 91.40 334 iP 25 38.20 -0.9
0.7s 34.70nm 5.5mb
SOD 91.62 337 iP 25 39.20 -0.9
SUF 92.21 333 iP 25 42.00 -0.9
0.5s 5.50nm 4.9mb
NUR 93.14 331 eP 25 46.00 -1.2
i 25 50.80
VRI 93.14 316 eP 25 48.00 0.4
LSZ 93.29 255 iP 25 51.00 2.1
i 26 31.80
i 29 33.00
MLR 93.71 315 eP 25 50.00 -0.4
PNL 94.35 30 eP 25 53.60 0.8
INK 95.25 21 eP 25 56.00 -0.8
MBC 96.41 12 eP 26 02.00 0.1
VAY 96.54 312 eP 26 01.40 -1.7
KRA 97.21 320 ePd 26 06.10 0.1
SLL 98.64 332 eP 26 11.00 -1.3
0.8s 8.20nm 5.2mb
NB2 99.47 332 P 26 14.10 -2.0
0.8s 2.50nm 4.7mb
DAG 99.92 351 iPd 26 15.80 -2.0
0.6s 5.33nm 5.2mb
PRU 100.64 321 ePdiff26 22.00 0.5
YKA 104.73 23 ePdiff26 42.60 3.3X
YKC 104.79 23 ePdiff26 41.00 1.4
ENN 105.69 323 ePKP 31 12.50 16.4X
0.8s 5.00nm
WLF 105.93 322 PKP 31 14.50 17.9X
BSF 106.15 320 ePKP 31 08.20 10.9X
1.1s 15.30nm
EDM 110.00 32 iPKP 31 04.00 -0.3
NEW 110.12 37 PKP 31 05.50 0.8
SES 112.66 33 ePKP 31 09.00 -0.4
LRM 114.06 38 ePKP 31 12.50 -0.1
FFC 114.63 26 iPKPc 31 12.50 -0.5
0.7s 9.00nm
FRB 115.68 5 ePKPd 31 14.00 -0.7
BDW 117.33 40 ePKP 31 18.20 -0.7
1.0s 4.40nm
RSSD 120.05 36 iPKP 31 24.80 0.8
1.0s 29.00nm
RSON 120.92 25 ePKP 31 48.20 23.1X
RSON 120.92 25 iPKP 31 24.50 -0.6
0.6s 12.40nm
GOL 121.60 41 iPKP 31 27.30 0.2
1.0s 26.00nm
ALQ 123.17 47 ePKP 31 30.90 0.7
LHC 124.65 24 iPKPd 31 32.60 0.2
0.8s 49.00nm
SCH 124.65 6 ePKP 31 31.80 -0.4
0.8s 39.00nm
LTX 127.80 52 iPKP 31 40.00 0.8
0.9s 7.01nm
TUL 129.99 40 ePKP 31 30.70 -12.3X
0.6s 85.90nm
RLO 130.33 39 e(PKP)31 37.30 -6.4X
BHO 131.53 41 ePKP 31 46.60 0.6
0.7s 5.00nm
FVM 131.87 34 ePKP 31 46.00 -0.5
1.0s 28.00nm
i 34 56.00
RSNY 133.13 16 PKP 31 48.20 -0.5
SKLY 133.74 16 ePKP 31 50.20 0.3
LNV 144.38 161 iPKPd 32 09.00 -0.5
TACH 144.81 162 ePKPd 32 10.00 -0.3
PCH 144.97 162 ePKP 32 10.90 0.2
SAN 145.08 162 ePKP 32 11.00 0.2
FCH 145.31 162 ePKP 32 13.50 1.9
PEL 145.36 162 iPKPc 32 12.20 0.9
TCA 148.58 170 iPKPd 32 21.20 4.6X
GCM 150.28 48 PKP 32 25.40 6.1X
VAO 154.80 206 ePKP 32 35.50 9.7X

YJA 157.20 163 ePKPc 32 31.00 1.5
ITR 158.32 247 ePKP 32 30.90 0.5
0.8s 1.40nm
e 32 42.30
SOB1 160.38 243 ePKP 32 33.60 1.0
1.1s 6.80nm
LPB 161.28 150 PKP 32 35.00 1.1
BAO 161.57 214 e(PKP) 32 34.40 0.5
S.D. = 1.0 on 144 of 163 obs.

* MAY 21, 1985 21h 53m 03.B9± 2.78s
7.412 S ±16.0km 127.603 E ±15.6km
DEPTH = 76.9 ± 26.7 km
4.7mb (2 obs.)
BANDA SEA (280)

MTN 6.42 148 eP 54 40.00 2.2
KNA 8.36 172 eP 55 05.00 0.4
0.3s 30.00nm 5.5mb X
WRA 14.07 153 Pd 56 19.30 -1.7
WB2 14.07 153 eP 56 18.70 -2.3
eS 58 45.20
MBL 15.59 208 eP 56 40.00 -0.6
ASPA 17.26 160 eP 57 02.00 0.6
WBN 18.65 183 eP 57 18.00 -0.4
MEK 20.95 203 eP 57 44.00 1.4
YOU 32.89 147 eP 59 32.70 -0.1
CAN 34.02 148 eP 59 43.10 0.5
WAM 34.62 149 eP 59 48.20 0.5
PKI 53.61 312 eP 02 19.80 -0.3
0.4s 4.00nm 4.8mb
KKN 53.83 312 eP 02 21.40 -0.1
0.5s 3.00nm 4.6mb
DMN 53.86 312 eP 02 21.80 0.0
S.D. = 1.3 on 14 of 14 obs.

MAY 21, 1985 22h 20m 48.23± 0.88s
53.815 N ± 5.4km 166.890 W ± 3.7km
DEPTH = 70.7 ± 7.1 km
5 1mb (63 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

SDN 4.02 65 eP 21 49.40 0.7
ADK 6.24 256 eP 22 21.20 1.5
KDC 9.02 58 eP 22 55.40 -2.5
SVW 9.49 35 eP 23 06.90 2.4
TTA 10.76 28 eP 23 23.90 2.2
PMS 11.89 44 eP 23 35.20 -1.5
PMR 12.25 43 P 23 42.50 1.1
MID 12.61 55 eP 23 44.40 -1.7
TOA 13.72 45 eP 23 59.00 -1.2
IMA 13.91 23 eP 24 07.00 3.7X
COL 14.69 33 eP 24 12.00 -1.3
0.8s 31.72nm 4.7mb
FBA 14.69 33 eP 24 13.00 -0.3
0.8s 30.00nm 4.6mb
PNL 16.10 58 eP 24 30.70 -0.6
SIT 18.11 67 eP 24 57.20 1.1
BRW 18.11 11 eP 24 57.10 1.1
INK 21.31 34 ePd 25 28.30 -2.1
0.7s 92.00nm 5.2mb
YKA 28.17 51 eP 26 35.60 0.3
YKC 28.23 51 ePd 26 37.10 1.2
0.4s 10.00nm 4.8mb
MBC 28.64 22 iPd 26 40.10 0.6
0.5s 248.00nm 6.1mb X
PNT 29.29 79 eP 26 45.00 -0.6
0.7s 10.00nm 4.6mb
EDM 31.21 69 iPd 27 02.50 -0.1
0.5s 37.00nm 5.4mb
NEW 31.24 80 eP 27 03.00 0.1
WDC 32.36 96 e(P) 27 14.00 1.4
c 27 30.20
SES 33.72 73 ePd 27 23.80 -0.6
WCN 34.81 95 eP 27 35.00 0.9
epP 28 52.00 411kmX
JAS1 35.33 98 e(P) 27 39.30 1.0
e 27 58.00
PRS 35.86 100 e(P) 27 43.30 0.6
e 28 01.70
LLA 35.91 100 e(P) 27 44.10 0.9
e 28 02.50
PRI 36.40 100 e(P) 27 48.50 1.1
e 28 07.10
FFC 36.70 62 eP 27 49.00 -0.6
0.8s 11.00nm 4.8mb
EUR 36.94 92 iP 27 52.10 0.0

CLC 38.42 98 eP 28 21.00 16.6X
BDW 38.69 83 eP 28 06.20 -0.5
1.0s 14.40nm 4.8mb
epP 28 24.00 73kmX
ALE 38.86 12 ePd 28 08.10 0.6
0.6s 11.00nm 4.9mb
SBB 39.07 99 eP 28 10.00 0.2
e 28 28.00
GSC 39.25 97 eP 28 12.00 0.8
e 28 30.00
MWC 39.27 100 eP 28 30.00 18.5X
TPC 40.53 98 eP 28 22.00 0.3
PLM 40.58 100 eP 28 23.00 0.6
e 28 39.00
RSSD 41.11 77 eP 28 26.50 -0.1
1.0s 10.00nm 4.6mb
BAR 41.18 100 eP 28 27.00 0.0
GLA 41.99 98 eP 28 35.00 1.3
RSON 42.98 63 iP 28 41.30 -0.3
0.8s 14.08nm 4.8mb
GOL 43.08 83 eP 28 43.00 0.2
0.8s 8.93nm 4.6mb
epP 29 00.00 68kmX
GLD 43.13 83 iP 28 45.20 2.0
0.9s 105.26nm 5.7mb
CN2 44.06 286 eP 28 48.60 -1.8
ALQ 45.61 89 eP 29 03.50 0.3
1.2s 6.64nm 4.4mb
LHC 46.75 63 iPd 29 11.50 -0.2
0.5s 47.00nm 5.7mb
FRB 46.93 37 ePd 29 12.40 -0.4
DAG 48.12 9 iPc 29 22.00 0.0
0.5s 91.55nm 6.0mb
i 31 46.00
TUL 51.23 80 eP 29 45.00 -1.4
0.8s 12.10nm 5.0mb
LTX 51.26 92 eP 29 46.00 -0.8
1.0s 4.00nm 4.4mb
RLO 51.50 79 eP 29 46.60 -1.9
JCT 52.72 88 eP 29 56.00 -1.7
0.8s 7 46nm 4.8mb
epP 30 16.00 80kmX
BHO 52.84 81 eP 29 56.80 -1.7
0.8s 2.80nm 4.3mb
SCH 53.39 45 eP 30 01.00 -1.2
SSE 55.13 276 eP 30 12.50 -2.8
OTT 55.75 58 eP 30 19.00 -0.5
KEV 56.33 354 eP 30 22.00 -1.4
i 31 19.00
MNT 56.72 57 iPc 30 24.40 -2.1
RSNY 56.94 58 iP 30 26.30 -1.8
0.8s 24.65nm 5.4mb
SOD 58.71 354 iP 30 39.40 -0.7
i 31 28.20
MIM 59.16 55 iP 30 42.00 -1.5
XAN 60.10 288 eP 30 48.00 -2.2
PcP 31 33.80
GTA 61.14 298 eP 30 55.00 -2 3
PcP 31 39.00
KJF 61.78 353 iP 31 00.80 -0.3
0.5s 12.60nm 5.3mb
e 31 40.00
SUF 63.36 353 iP 31 10.90 -0.6
0.4s 10.00nm 5.2mb
WMQ 63.80 309 eP 31 10.00 -4.9X
NB2 65.48 1 P 31 24.40 -1.0
0.6s 7.60nm 4.8mb
NUR 65.65 354 iP 31 25.30 -1.1
0.6s 13.00nm 5.1mb
i 31 51.40
HFS 66.40 360 iP 31 29.90 -1.3
0.5s 24.30nm 5.4mb
UPP 66.62 358 iP 31 31.80 -0.7
GYA 67.06 284 P 31 35.40 -0.6
KMI 70.34 286 Pc 31 56.50 0.1
EKA 70.39 10 Pd 31 55.80 -0.2
0.8s 19.00nm 5.1mb
DCN 71.87 13 iPc 32 04.80 -0.1
VAL 72.82 15 iP 32 10.60 0.1
PPR 72.95 263 ePd 32 08.00 -3.7X
WTS 74.43 4 iPc 32 20.10 0.3
1.0s 13.00nm 4.8mb
CLL 75.25 0 iP 32 24.40 -0.1
e 32 36.00
ENN 75.62 5 iPc 32 27.10 0.5
1.0s 31.00nm 5.2mb
eSg 42 15.00

MOX 75.91 1 iP 32 28.50 0.2
1.2s 23 00nm 5.0mb
DOU 76.22 6 Pc 32 30.40 0.4
e 43 42.30
KRA 76.34 355 eP 32 30.90 0.2
0.9s 26.00nm 5.2mb
PRU 76.56 359 P 32 32.50 0.5
WLF 76.73 5 Pc 32 34.00 1.2
GRF 76.86 1 iPd 32 34.10 0.5
1.2s 36.00nm 5.2mb
FLN 77.15 9 eP 32 34.80 -0.4
LDF 77.35 9 iPd 32 36.00 -0.3
0.8s 19.80nm 5.1mb
KHC 77.43 360 iPd 32 37.70 0.9
CHG 77.45 285 eP 32 37.50 0.2
CHTO 77.45 285 iP 32 37.10 -0.2
1.1s 6.4Bnm 4.5mb
GWF 77.48 4 iPd 32 36.80 -0.3
GRR 77.49 9 eP 32 37.00 -0.1
0.8s 10.30nm 4.8mb
KKN 77.73 300 eP 32 38.80 -0.2
0.6s 15.00nm 5.1mb
BUH 77.80 3 eP 32 39.20 0.3
LPF 77.82 10 iPd 32 39.00 0.1
0.7s 12.20nm 5.0mb
PKI 77.84 300 eP 32 39.40 -0.4
0.6s 5.00nm 4.6mb
DMN 77.96 300 eP 32 40.60 0.2
0.8s 13.00nm 4.9mb
CDF 78.03 4 iPd 32 40.30 0.1
ZST 78.31 357 iPd 32 42.80 1.2
HAU 78.39 5 eP 32 42.40 0.3
BSF 78.59 4 iPd 32 43.40 0.1
0.9s 18.10nm 5.0mb
SRO 78.65 356 iP 32 44.20 0.7
SLE 78.72 3 ePd 32 43.70 -0.2
GRC 78.91 7 iPd 32 45.40 0.5
LOR 78.99 6 iPd 32 45.20 -0.2
0.9s 23.50nm 5.1mb
SSF 79.17 7 iPd 32 46.60 0.3
0.8s 30.80nm 5.3mb
SAX 79.26 3 ePd 32 47.80 0.6
LBF 79.28 6 iPd 32 46.80 -0.2
0.8s 16.10nm 5.0mb
MFF 79.33 9 iPd 32 47.40 0.2
0.8s 40.20nm 5.4mb
AVF 79.43 7 iPd 32 48.00 0.3
0.9s 33.10nm 5 3mb
KBA 79.48 360 iPd 32 49.00 0.8
0.8s 24.80nm 5.2mb
i 32 53.70
SMF 79 61 6 iPd 32 49.00 0.3
0.9s 38.30nm 5.3mb
BGF 79.62 7 iPd 32 49.00 0.2
0.8s 21.10nm 5.1mb
LLS 79.63 3 ePd 32 49.80 0.7
OGA 79.68 1 iPd 32 49.60 0.3
0.8s 9.00nm 4.8mb
LSF 79.83 8 iPd 32 50.00 0.1
0.8s 38.50nm 5.4mb
TCF 79.84 8 iPd 32 49.80 -0.2
0.8s 14.90nm 5.0mb
OSS 79.84 2 ePd 32 51.00 0.8
MZF 79.94 7 iPd 32 50.60 0.1
0.7s 17.30nm 5.1mb
MMK 80.41 4 ePd 32 54.30 1.0
CTI 80.51 1 eP 32 49.50 -4.1X
RJF 80.76 8 eP 32 54.80 -0.1
0.6s 9.70nm 4.9mb
ORO 80.84 4 eP 32 56.00 0.6
LFF 81.06 9 iPd 32 56.80 0.4
0.7s 38.70nm 5.4mb
CAF 81.18 8 iPd 32 57.80 0.7
0.9s 28.50nm 5.2mb
LPO 81.35 9 eP 32 58.40 0.5
0.8s 27.90nm 5.2mb
MHI 81.71 324 iPd 33 01.00 0.9
FRF 82.84 5 eP 33 06.40 0.7
0.6s 18.70nm 5.2mb
EPF 82.91 9 iPd 33 06.00 -0.1
0.9s 17.00nm 5.0mb
MLS 83.05 9 ePd 33 08.40 1.6
LMR 83.06 5 eP 33 07.60 0.8
0.8s 10.90nm 4.9mb
CVF 83.93 3 eP 33 12.00 0.7
0.8s 31.90nm 5.4mb
QUE 84.27 315 eP 33 14.00 0.6

21d 22h

SKC	84.32	354	iPd	33	14.00	0.8
VAY	84.89	353	eP	33	17.00	0.9
EBR	85.12	10	eP	33	18.00	0.8
OHR	85.22	354	eP	33	18.20	0.4
TDL	85.51	13	eP	33	20.00	0.7
IPM	87.57	274	ePc	33	30.40	0.8
	8.8s		31.30nm		5.5mb	
WBE	89.07	234	eP	33	36.10	-0.4
MYB	89.76	300	ePd	33	39.50	-0.6
	1.0s		30.00nm		5.5mb	
GBA	93.53	299	Pc	33	57.20	-0.2
	0.6s		14.70nm		5.6mb	
BNG	121.78	354	iPKPc	39	35.10	-0.5
	0.8s		7.00nm			
			ic	39	55.50	
MTD	140.34	332	ePKP	40	03.00	-7.8X
KRI	140.91	334	ePKP	40	14.00	2.1
			ipPKP	40	34.00	
SPA	143.63	18	e(PKP)	40	11.80	-3.3X
BUL	144.34	334	iPKPd	40	16.10	-1.6
			ipPKP	40	35.90	
SLR	149.76	332	ePKP	40	31.60	5.3X
	0.9s		42.02nm			
JOZ	150.17	324	iPKPd	40	34.50	7.8X
	1.0s		50.00nm			
BFS	151.27	334	iPKPd	40	34.10	5.5X
	0.5s		56.34nm			
	S.D. = 1.0		on 141 of 152 obs.			

* MAY 21, 1985 22h 52m 57.03± 0.39s
27.422 S ±10.6km 176.401 W ± 7.9km
DEPTH = 33.0km (normal)
4.9mb (8 obs.) 4.4Msz (1 obs.)
KERMADEC ISLANDS REGION (177)

SGE	11.10	331	eP	55	36.10	-0.5
MNG	14.77	205	eP	56	19.00	-6.3X
			eS	59	01.00	
TCW	15.75	207	eP	56	33.00	-4.9X
			eS	59	18.50	
KOU	18.91	287	iPc	57	18.30	0.8
CAN	30.46	246	eP	59	07.40	-1.6
WAM	30.64	245	eP	59	11.70	1.2
YOU	30.89	248	eP	59	15.50	2.7X
CTA	34.85	274	iPd	59	48.20	0.8
	0.8s		18.66nm		5.1mb	
			eS	05	44.00	
WB2	45.47	268	eP	01	13.20	-1.9
WRA	45.48	268	Pc	01	12.90	-2.3
	0.7s		4.60nm		4.5mb	
WBN	50.53	258	eP	01	53.00	-1.4
SBA	51.10	185	e(P)	01	56.90	-1.1
SPA	62.74	180	eP	03	22.90	1.8
	1.0s		19.50nm		5.2mb	
MAT	76.63	324	eP	04	45.00	-1.2
	1.0s		25.00nm		5.2mb	
PLM	82.73	27	eP	05	18.00	-1.2
ISA	83.20	44	eP	05	19.00	-2.4
SSE	83.24	310	eP	05	21.40	-0.2
JAS1	83.52	41	e(P)	05	23.10	0.2
TPC	83.73	47	eP	05	25.00	0.9
CLC	83.84	44	eP	05	25.00	0.3
GLA	83.87	48	eP	05	26.00	1.1
OPV	84.00	39	e(P)	05	25.50	0.2
GSC	84.01	45	eP	05	24.00	-1.5
WDC	84.12	38	iPd	05	26.30	0.4
NJ2	85.40	310	eP	05	33.20	0.8
PSI	86.50	275	ePd	05	37.70	-0.6
MDJ	86.99	325	eP	05	38.50	-1.5
WHN	87.70	306	P	05	45.00	1.3
CN2	88.64	322	Pc	05	48.00	0.1
TIA	89.00	312	Pd	05	50.90	1.1
LTX	89.59	56	eP	05	53.10	0.2
	1.0s		2.00nm		4.4mb	
			e	06	24.00	
ALQ	90.62	51	eP	05	57.50	-0.2
	1.1s		6.65nm		4.9mb	
BJI	91.81	315	eP	06	03.00	0.3
TIY	92.95	311	eP	06	09.50	1.3
XAN	93.45	307	eP	06	11.50	1.0
KMI	93.75	296	Pd	06	14.00	1.7
CHTO	93.92	289	eP	06	13.50	0.6
	1.0s		2.75nm		4.6mb	
	Z 18s		0.13um		4.4Msz	
COL	94.67	12	eP	06	15.00	-0.4
CD2	95.70	302	P	06	23.20	2.2
RSSD	97.11	44	iP	06	27.10	-0.1
	0.9s		3.78nm		4.9mb	
ITR	125.69	125	e(PKP)	12	01.00	3.4X
SUF	141.71	343	ePKP	12	20.00	-6.2X
NUR	143.96	342	ePKP	12	27.00	-3.1X
MSL	145.45	295	ePKPd	12	33.50	0.1
NB2	146.00	353	PKP	12	33.10	-0.5
	1.1s		37.30nm			
HFS	146.57	351	ePKP	12	34.20	-0.3
	0.8s		14.00nm			
RTB	147.91	289	ePKPd	12	41.50	4.0X
MUD	150.71	354	iPKPd	12	46.30	5.3X
	1.3s		41.00nm			
BHL	151.76	291	ePKP	12	50.50	7.0X
JER	152.24	287	ePKP	12	51.50	7.3X
NOH	152.44	284	ePKP	13	03.00	18.5X
BNG	153.06	215	iPKPc	12	47.00	1.2
	0.9s		5.00nm			
			id	12	53.80	
			id	13	05.10	
KRA	154.16	335	ePKP	12	55.00	8.8X
CLL	155.10	346	ePKP	12	47.00	-0.4
			e	12	56.00	
			i	13	12.10	
KHC	156.99	343	ePKP	12	41.70	-8.4X
			e	13	20.40	
	S.D. = 1.2		on 42 of 55 obs.			

MAY 21, 1985 23h 27m 04.38± 0.46s
39.995 N ± 4.5km 20.079 E ± 3.0km
DEPTH = 38.4 ± 6.6 km
4.3mb (9 obs.)
GREECE-ALBANIA BORDER REGION (392)
ML 4.1 (ATH).

OHR	1.24	26	iPn	27	24.40	-1.2
KZN	1.33	76	iPbc	27	24.60	-2.3
LCI	1.66	282	ePn	27	32.50	1.0
			eSn	28	48.50	
LIT	1.85	86	ePnd	27	34.50	0.2
			eSn	28	01.10	
VLS	1.86	167	ePn	27	34.40	0.0
GRG	2.01	61	ePnd	27	37.10	0.4
			eSn	28	04.70	
ULC	2.06	343	ePn	27	39.00	1.7
			iSn	28	12.50	
SKO	2.23	27	iPnc	27	41.80	2.2
			iSn	28	11.50	
THE	2.30	73	ePnc	27	40.60	0.0
VAY	2.31	54	iPn	27	41.40	0.6
			iSn	28	13.00	
BRT	2.37	293	ePn	27	43.80	2.2X
			eSg	28	19.00	
KNT	2.44	61	ePnd	27	42.90	0.2
			eSn	28	14.40	
TTG	2.51	346	ePn	27	45.10	1.5
			eSn	28	22.50	
PVY	2.60	358	iPnd	27	48.00	3.0X
			ePg	27	52.50	
			e(Sn)	28	33.50	
SOH	2.63	71	ePn	27	46.00	0.5
			eSn	28	21.20	
HCY	2.72	335	ePn	27	47.50	0.8
			eSn	28	33.00	
PAIG	2.77	90	ePnd	27	46.80	-0.6
IVA	2.88	357	ePn	27	51.70	2.7X
			eSn	28	38.50	
OUR	3.01	82	ePnc	27	50.80	0.1
			eSn	28	29.40	
BRY	3.12	339	ePn	27	55.20	2.7X
MMB	3.19	59	iPd	27	53.00	-0.4
PLE	3.37	351	ePn	27	58.20	2.2
			e(Sn)	28	42.00	
ATH	3.48	124	ePn	27	57.70	0.3
			ePg	28	09.50	
			eSn	28	37.00	
VTS	3.51	41	iPgc	27	59.00	1.2
SGO	3.69	280	ePn	28	03.50	3.1X
PLD	4.08	57	iP	28	08.00	2.0
KDZ	4.32	66	iPd	28	08.00	-1.4
DUI	4.58	293	ePn	27	15.50	-57.5X
DIM	4.64	62	iP	28	13.00	-0.9
EZN	4.81	90	iPn	28	15.30	-0.9
PRK	4.84	97	ePn	28	17.00	0.3
PVL	4.95	49	iPc	28	19.00	0.8
GIB	5.13	249	ePn	28	22.00	1.1
CLO	5.46	21	ePc	28	26.00	0.6
JMB	5.49	61	eP	28	25.00	-0.8

KGT	5.55	83	iPn	28	36.10	9.4X
MFT	5.56	80	iPn	28	27.30	0.4
AQU	5.56	297	ePg	28	29.00	2.1
IZM	5.80	104	iPn	28	31.50	1.1
EDC	5.97	84	ePn	28	32.60	-0.1
CGN	6.06	45	eP	28	52.00	18.1X
DMK	6.10	70	ePn	28	33.60	-0.8
COZ	6.18	29	ePd	28	37.00	1.3
BUC1	6.20	44	ePc	28	40.00	4.2X
DEV	6.24	18	ePc	28	40.00	3.6X
CMP	6.41	33	ePc	28	50.00	11.1X
NPS	6.45	135	ePn	28	38.00	-1.4
DST	6.59	91	iPn	28	40.90	-0.6
MLR	6.98	36	ePc	28	50.00	3.0X
YER	7.03	111	iPn	28	49.20	1.6
CEY	7.08	326	ePn	28	47.30	-0.9
			i	28	49.60	
			iSn	30	07.90	
PSN	7.08	56	eP	28	48.00	-0.2
LJU	7.28	328	ePnc	28	49.90	-1.1
			eSn	30	13.50	
TRI	7.36	323	ePn	28	49.50	-2.5
			iSn	30	14.00	
			iSg	31	06.00	
BUD	7.52	355	e(Pn)	29	00.00	5.7X
VOY	7.54	325	ePnc	28	53.20	-1.5
			eSn	30	18.10	
VRI	7.63	38	ePd	28	58.00	2.1
ALT	7.81	94	iPn	28	59.10	0.6
GPA	7.84	85	ePn	28	58.70	-0.2
SRO	7.92	351	iP	29	14.50	14.7X
ZST	8.47	346	e(P)	29	08.10	0.6
BCK	8.60	104	iP	29	11.90	2.5X
KBA	8.60	328	iPnd	29	05.60	-3.9X
			i	29	14.20	
			i	29	18.00	
			iSn	30	39.50	
			i	30	41.80	
			i	31	27.70	
CTI	8.64	317	ePn	29	08.50	-1.5
OSS	9.85	316	eP	29	25.90	-0.8
KHC	10.24	335	P	29	30.50	-1.4
			e	31	28.50	
ORO	10.52	306	e(Pn)	29	33.50	-2.3
			eSn	31	25.00	
PRU	10.73	340	eP	29	37.50	-1.0
DIX	11.08	307	eP	29	44.10	0.5
EMS	11.37	307	eP	29	47.40	-0.1
GRF	11.55	330	eP	29	48.40	-1.2
MOX	12.19	334	eP	29	57.00	-1.3
ROF	12.22	313	eP	29	58.50	-0.2
CLL	12.34	339	e(Pg)	30	13.00	12.7X
			e	34	03.00	
BSF	12.36	314	eP	30	01.00	0.3
CDF	12.44	317	eP	30	02.80	1.0
	0.9s		7.80nm		4.8mb	X
HAU	12.71	314	eP	30	03.00	-2.2
SMF	13.55	305	eP	30	18.50	2.2
LBF	13.60	306	eP	30	15.30	-1.8
LOR	13.80	307	eP	30	19.90	0.3
AVF	13.92	305	eP	30	20.50	-0.6
SSF	13.93	306	eP	30	22.80	1.5
BGF	14.15	303	eP	30	22.60	-1.6
HRI	14.24	113	eP	30	23.50	-2.1
GRC	14.30	306	iPc	30	35.60	9.6X
MLS	14.54	288	eP	30	37.60	8.2X
ENN	14.63	322	eP	30	33.50	3.1X
JER	14.73	119	eP	30	35.00	3.1X
DOU	14.86	318	P	30	42.20	8.8X
WTS	15.10	327	eP	30	44.50	8.0X
	1.0s		8.00nm		3.9mb	
NOH	15.27	123	eP	30	37.90	-1.0
			e(S)	33	15.50	
MFF	16.12	301	eP	30	53.90	4.3X
FLN	17.07	308	eP	31	02.30	0.7
	0.8s		11.80nm		4.1mb	
UPP	19.94	356	iP	31	34.70	-1.0
HFS	20.55	351	eP	31	40.60	-1.4
	0.4s		5.40nm		4.3mb	
	Z 11s		0.23um		3.8Mszx	
			LR	40	23.00	
NUR	20.73	6	iP	31	42.40	-1.5
			i	31	49.20	
EKA	21.76	323	Pd	31	55.30	1.0
	0.8s		16.60nm		4.5mb	
NB2	21.77	348	P	31	53.50	-0.9
	0.7s		6.90nm		4.2mb	

```
SUF     23.05    7 iP     32 06.60   -0.3
        0.7s      5.60nm           4.2mb
IR5     24.57   91 eP     32 22.00   -0.1
KJF     24.65    8 iP     32 21.80   -0.6
        0.7s     20.00nm          4.8mb
                 i        32 28.30
MHI     31.04   84 eP     33 20.00   -0.9
BNG     35.43  183 iPc    33 59.50    0.6
        0.5s      8.00nm          4.9mb
FRB     54.44  327 eP     36 31.00    1.4
SCH     56.88  316 eP     36 47.50    0.0
MBC     61.19  350 eP     37 17.00    0.0
YKA     71.57  340 eP     38 24.70    1.6
ITR     72.55  242 e(P)   38 31.00    1.4
FFC     73.45  329 eP     38 36.00    1.7
        0.6s      4.00nm          4.6mb
COL     75.01  355 eP     38 45.00    1.9
     S.D. = 1.2   on  86 of 110 obs.

?  MAY  22, 1985  00h 00m 04.45± 0.94s
   57.204 S ±15.5km   25.267 W ±21.4km
   DEPTH =  33.0km  (normal)
 SOUTH SANDWICH ISLANDS REGION    (153)

SPA     32.97  180 e(P)   06 38.00    0.0
TPZ     47.68  300 P      08 33.00   -7.0X
SOB1    49.40  339 eP     08 52.60   -0.2
                   e      08 58.60
                   e      09 08.00
ITR     49.40  343 e(P)   08 53.00    0.2
LPB     51.68  304 P      09 16.00    5.3X
ARE     53.31  300 eP     09 28.00    5.3X
BUL     53.94   70 iPc    09 28.00    0.9
KRI     57.23   69 eP     09 50.00   -0.9
YKA    137.74  316 ePKP   19 33.50    8.0X
MBC    145.47  335 ePKP   19 42.00    3.3X
INK    147.36  319 ePKP   19 46.00    4.0X
     S.D. = 0.9   on   5 of  11 obs.

?  MAY  22, 1985  02h 03m 21.03± 3.69s
   47.793 N ± 9.7km    1.557 W ±36.5km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                           (538)
      ML 2.7 (LDG).

LPF      0.42   55 Pg     03 29.40   -0.2
                Sg     03 35.60
GRR      0.76   38 Pg     03 35.50   -0.3
                Sg     03 46.90
FLN      1.21   36 Pg     03 43.60    0.1
                Sg     04 00.30
LDF      1.25   50 Pg     03 44.70    0.4
                Sg     04 02.90
MFF      1.53  141 Pg     03 48.40    0.0
                Sg     04 08.60
LSF      2.62  125 Pg     04 08.70    4.6X
                Sg     04 42.90
TCF      2.98  119 Pg     04 15.30    6.0X
                Sg     04 55.10
MZF      3.24  118 Pg     04 20.40    7.4X
                Sg     05 04.00
     S.D. = 0.4   on   5 of   8 obs.

?  MAY  22, 1985  02h 09m 19.58± 7.41s
   33.038 S ±22.4km   72.348 W ±57.3km
   DEPTH =  33.0km  (normal)
 OFF COAST OF CENTRAL CHILE       (134)

LNV      1.20  140 iPd    09 40.20    0.1
                iS     09 54.70
TACH     1.33  118 iPc    09 41.60   -0.4
                iS     09 56.60
PEL      1.40   95 iP     09 43.10    0.0
                iS     09 59.00
SAN      1.47  107 iPd    09 44.00   -0.1
                iS     10 02.30
BACH     1.59  102 iPd    09 46.00    0.2
PCH      1.64  111 iPc    09 46.70    0.1
CHCH     1.68  123 iPc    09 47.20    0.2
FCH      1.75  100 iPd    09 48.50    0.1
                iS     10 09.90
MDZ      2.95   88 eP     10 10.70    5.5X
                iS     10 48.50
TCA      6.79   78 e(P)   10 59.50   -0.1
     S.D. = 0.2   on   9 of  10 obs.

?  MAY  22, 1985  02h 39m 56.51± 6.95s
   33.147 S ±21.7km   72.172 W ±54.0km
   DEPTH =  33.0km  (normal)
 OFF COAST OF CENTRAL CHILE       (134)

LNV      1.03  142 iPd    40 14.40   -0.2
                iS     40 28.70
TACH     1.15  116 iPc    40 16.20   -0.2
                iS     40 31.60
PEL      1.25   90 iPd    40 17.50   -0.3
                iS     40 33.50
SAN      1.30  104 iPd    40 18.20   -0.3
                iS     40 35.70
BACH     1.42   99 iPd    40 20.50    0.2
PCH      1.47  109 iP     40 21.00    0.0
                iS     40 40.00
CHCH     1.49  122 iPc    40 21.90    0.6
FCH      1.59   97 iPc    40 23.00    0.0
MDZ      2.80   86 eP     40 45.60    5.5X
                iS     41 24.20
TCA      6.67   76 ePc    41 35.00    0.2
     S.D. = 0.3   on   9 of  10 obs.

•  MAY  22, 1985  03h 27m 19.24± 0.35s
   47.493 S ± 9.6km   13.499 W ± 7.8km
   DEPTH =  10.0km  (geophysicist)
   5.1mb ( 13 obs.)
 SOUTH ATLANTIC RIDGE             (410)
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 15S, 29C
      Centroid Locotion:
      Origin Time        03:27:24.9 0.5
      Lat 47.49S  FIX;Lon  13.50W  FIX
      Dep  10.0 FIX Half-durotion  1.7
      Moment Tensor; Scale 10**23 D-CM
        Mrr=-9.66 0.46  Mtt=-0.07 0.78
        Mff= 9.73 0.72  Mrt=-2.48 1.72
        Mrf=-1.38 1.65  Mtf=-3.89 0.52
       Principal Axes:
        T  Val= 11.10  Plg= 1  Azm= 71
        N       -0.57      17      161
        P      -10.53      73      337
      Best Double Couple:Mo=1.1*10**24
       NP1:Strike=144 Dip=46 Slip=-114
       NP2:        357     49      -67

SNA     23.53  171 e(P)   32 30.00    0.2
WIN     34.92   55 iPc    33 52.00  -21.3X
        1.2s     50.00nm
VAO     36.22  301 eP     34 25.90    1.7
                   e      34 32.40
VIR     36.80   73 eP     34 29.00   -0.1
BFS     37.56   71 eP     34 35.00   -0.5
MAW     42.26  146 eP     35 14.00    0.3
BAO     42.66  306 Pc     35 18.40    0.6
                   e      35 24.40
                   e      35 29.90
SPA     42.70  180 eP     35 17.90    0.2
        1.0s     59.50nm          5.3mb
BUL     43.59   66 iPc    35 23.30   -2.0
ITR     44.02  323 eP     35 26.50   -2.1
        1.0s      5.00nm          4.3mb
                   e      35 27.70
                   e      35 30.60
                   e      35 33.60
                   e      37 12.30
PCH     44.51  267 iP     35 39.20    6.6X
SOB1    44.66  320 eP     35 31.50   -2.4
        0.9s      8.10nm          4.6mb
                   e      35 32.80
                   e      35 38.60
TACH    44.78  266 eP     35 35.20    0.5
PEL     44.91  267 eP     35 36.00    0.2
LNV     44.93  266 eP     35 35.50   -0.3
KRI     46.72   64 eP     35 47.00   -3.3X
SLA     46.73  280 ePc    35 50.00   -0.4
LSZ     47.06   61 iP     35 51.00   -2.0
MTD     47.97   66 eP     35 57.00   -3.1X
YJA     48.49  283 ePc    36 04.00   -0.6
TET     49.69   67 eP     36 12.00   -1.2
TPZ     51.12  281 P      36 09.30  -15.3X
KIC     54.18   11 eP     36 44.10   -2.8
        1.1s    108.00nm          5.8mb
LPB     54.22  285 P      36 47.00   -0.8
     Z  24s      2.33um          5.2MszX
                (S)     44 40.00
                LR      53 12.00

SBA     54.93  180 iPc    36 52.90    1.1
ARE     56.50  283 eP     37 05.00    0.7
BNG     58.89   38 iPc    37 17.80   -2.9
        1.0s     38.00nm          5.5mb
                 ic     37 57.00
TOL     87.40    7 eP     40 09.00    1.7
PRNI    88.91   40 eP     40 16.50    1.7
JER     90.22   40 eP     40 21.50    0.5
MGI     90.90   40 eP     40 26.00    2.0
EPF     90.97   10 eP     40 25.80    1.7
        1.4s     32.20nm          5.5mb
MLS     90.98   11 eP     40 26.80    2.6X
LPO     92.70   10 eP     40 33.40    1.4
        1.0s      9.60nm          5.2mb
LFF     92.89   10 eP     40 34.60    1.8
        0.9s      7.20nm          5.1mb
CAF     93.05   11 eP     40 34.90    1.3
        1.1s     10.70nm          5.2mb
OHR     93.33   25 e(P)   40 36.30    1.3
RJF     93.35   11 eP     40 36.40    1.4
        1.0s      5.60nm          4.9mb
LSF     94.28   10 eP     40 40.50    1.3
        1.1s      9.90nm          5.1mb
SKO     94.31   25 e(P)   40 40.00    0.6
MZF     94.38   11 eP     40 41.00    1.3
        0.9s      3.60nm          4.8mb
TCF     94.40   11 eP     40 40.80    1.0
SMF     94.97   12 eP     40 43.10    0.7
        1.5s     10.40nm          5.0mb
AVF     95.05   12 eP     40 43.80    1.1
        1.1s    112.70nm          6.2mb X
LBF     95.32   12 eP     40 44.20    0.1
SSF     95.33   12 eP     40 44.50    0.4
VOY     96.18   19 e(P)   40 49.00    0.9
PRU    100.08   18 ePdiff 41 07.50    1.9
HYB    103.99   80 ePdiff 41 20.50   -3.3X
ALQ    116.60  293 ePKP   46 03.00   -2.0
        1.0s      4.00nm
RSSD   120.96  303 ePKP   46 02.30  -10.8X
        0.8s      4.58nm
BDW    123.37  299 ePKP   46 16.00   -1.7
        1.0s      6.00nm
DAG    124.03  359 iPKPd  46 16.20   -1.5
        0.8s      4.48nm
EUR    125.36  292 iPdiff 43 06.80    8.1X
FFC    126.03  314 ePKP   46 21.00   -1.2
MNA    126.14  290 ePKPc  46 23.90    0.7
FRI    126.29  287 e(Pdif 42 57.20   -5.3X
PRI    126.41  286 ePKP   46 24.80    1.1
LRM    126.81  300 ePKP   46 23.30   -1.1
LLA    126.87  286 e(Pdif 43 04.50   -0.7
JAS1   127.29  288 ePKPc  46 26.20    1.0
MHC    127.75  287 iPdiff 42 53.90  -15.3X
PCC    128.32  286 ePdiff 42 56.30  -15.2X
SES    128.44  306 ePKP   46 24.50   -2.5X
WDC    130.14  290 ePKPc  46 30.20   -0.3
EDM    131.07  308 ePKP   46 31.00   -0.9
PNT    132.76  301 ePKP   46 35.00   -0.2
        0.7s      6.00nm
YKC    135.30  320 ePKP   46 38.00   -1.6
        0.8s     13.00nm
YKA    135.36  320 ePKP   46 39.30   -0.4
MBC    139.28  339 ePKP   46 36.00  -10.7X
BJI    143.45   83 ePKP   46 50.50   -4.6X
INK    143.93  327 ePKP   46 50.50   -4.5X
COL    150.08  322 ePKP   47 08.00    2.9X
        0.9s     35.71nm
FBA    150.08  322 ePKP   47 09.90    4.8X
BRW    150.56  337 e(PKP) 47 11.30    5.7X
PMR    151.31  316 ePKP   47 06.30   -0.7
                   e      47 13.60
IMA    152.06  326 ePKP   47 06.60   -1.6
                   i      47 15.20
     S.D. = 1.3   on  58 of  77 obs

&  MAY  22, 1985  03h 42m 13.10s
   39.605 N          120.442 W
   DEPTH =  12.0km
 NORTHERN CALIFORNIA              ( 36)
      <BRK>. ML 3.3 (BRK). Felt (IV)
      at Colpine, (III) at Blairsden
      and Sierra City.

WCN      0.61  119 P      42 24.10   -1.2
ORV      0.82  267 iPc    42 28.00   -0.8
MIN      1.16  310 eP     42 34.20   -0.5
JAS1     1.68  179 iPd    42 42.10   -0.3
```

22d 03h

		iS	43 03.10		
GAS	1.76 272	P	42 43.60	0.0	
WDC	1.88 302	ePc	42 45.50	0.2	
		e(S)	43 11.30		
MNA	2.13 123	eP	42 51.00	1.9	
		e	43 20.30		
LMHM	2.18 335	P	42 51.80	1.9	
BRS	2.22 220	ePd	42 52.00	1.7	
		eS	43 18.10		
		i(Sg)	43 20.20		
NWRM	2.22 240	P	42 50.60	0.3	
BPK	2 24 220	eP	42 50.20	-0.3	
APN	2.41 201	P	42 52.80	-0.2	
SLO	2.60 194	P	42 57.20	1.5	
	13 obs. associated				

* MAY 22, 1985 04h 26m 29.87± 1.12s
31.673 S ±14.6km 67.801 W ± 9.0km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

ZON	0.76 279	iPd	26 45.00	0.8	
		eS	36 59.00		
TCA	2.76 84	ePd	27 12.60	-0.2	
		S	27 45.00		
BACH	2.82 233	iPd	27 13.60	-0.1	
PEL	2.85 238	eP	27 12.80	-1.2	
PCH	3.00 229	eP	27 17.80	1.5	
RFA	3.14 190	eP	27 19.00	0.8	
CHCH	3.29 226	iPc	27 20.20	-0.2	
TACH	3.30 232	iPc	27 19.20	-1.3	
S.D. = 1.2		on 8 of 8 obs.			

? MAY 22, 1985 04h 28m 12.63±13 66s
31.598 S ±47.1km 69.669 W ±108.km
DEPTH = 133.2 ± 62.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.75 82	iPd	28 34.00	-0.1	
		S	28 48.00		
ZON	0.85 87	eP	28 35.00	0.2	
		eS	28 50.00		
RTCV	1.00 105	ePc	28 36.10	-0.1	
		S	28 52.60		
RTLL	1.06 76	iPd	28 36.70	0.0	
		S	28 54.30		
MDZ	1.46 152	eP	28 40.90	0.0	
		iS	29 04.90		
TCA	4.35 88	e(P)	29 18.00	0.0	
		S	30 06.40		
S.D. = 0.2		on 6 of 6 obs.			

MAY 22, 1985 05h 01m 05.19± 0.93s
26.547 S ± 5.1km 64.706 W ± 8.8km
DEPTH = 41.3 ± 9.2 km
4.7mb (13 obs.)
TUCUMAN PROVINCE, ARGENTINA (131)

SLA	1.95 338	iPd	01 37.80	1.3	
		S	02 04.00		
CYA	2.12 207	iPc	01 41.00	2.0	
YJA	4.42 350	iPc	02 10.90	-1.1	
TCA	4.78 179	iPd	02 16.00	-0.7	
		S	02 54.70		
RTLL	5.79 214	ePd	02 32.20	1.2	
		S	04 12.30		
ANT	5.90 297	eP	02 34.00	1.6	
ZON	6.07 214	eP	02 36.00	1.1	
RTCB	6.09 215	ePd	02 36.10	0.9	
		(S)	04 18.50		
TPZ	6.25 223	iP	02 21.70	-16.0X	
		i	02 36.20		
		iS	03 44.00		
RTCV	6.26 211	ePd	02 38.00	0.4	
MDZ	7.27 209	eP	02 52.50	0.8	
		iS	03 26.70		
PEL	8.37 217	iPc	03 06.20	-0.8	
BACH	8.44 215	iPc	03 06.90	-1.0	
PCH	8.66 214	eP	03 10.00	-1.0	
RFA	8.81 201	ePc	03 10.60	-2.5	
		S	05 49.20		
TACH	8.90 216	eP	03 12.00	-2.3	
CHCH	8.98 214	eP	03 09.00	-6.3X	
LNV	9.38 217	iP	02 57 00	-23.9X	
LPB	10.45 342	eP	03 27.00	-9.0X	
1.0s	160.00nm		6.2mb X		
		i	03 28.00		
		LR	07 26.00		
ARE	11.85 327	i(P)	03 52.00	-2.9	
VAO	16.49 81	eP	04 56.40	1.1	
BAO	18.98 58	eP	05 16.90	-9.2X	
		e	05 22.10		
		e	05 25.30		
SOB1	28.39 57	e(P)	07 14.00	16.1X	
SPA	63.61 180	eP	11 35.10	1.0	
1.1s	17.86nm		5.1mb		
JCT	65.90 327	iP	11 49.10	0.1	
1.1s	13.29nm		4.9mb		
KIC	66.63 70	eP	11 52.50	-1.5	
0.9s	52.00nm		5.6mb		
LTX	66.95 323	eP	11 56.20	0.3	
1.1s	1.88nm		4.1mb		
FVM	68.58 338	eP	12 04.00	-1.8	
RLO	68.62 334	ePd	12 05.70	-0.4	
TUL	68.70 333	eP	12 06.40	-0.2	
1.2s	14.10nm		4.9mb		
ALQ	72.81 325	eP	12 32.00	0.3	
1.0s	8.00nm		4.6mb		
GOL	76.03 329	eP	12 51.00	0.8	
1.0s	4.00nm		4.3mb		
RMU	76.79 324	iP	12 57.00	2.6X	
BLF	78.29 117	eP	13 02.00	-1.0	
RSSD	79.01 332	eP	13 07.30	0.7	
1.1s	5.81nm		4.5mb		
BDW	80.40 328	eP	13 14.80	0.7	
1.2s	8.99nm		4.6mb		
RSON	81.22 342	eP	13 17.50	-0.4	
0.9s	4.20nm		4.4mb		
EUR	81.24 322	iP	13 20.20	1.6	
1.0s	6 15nm		4.5mb		
JAS1	82.71 319	eP	13 30.00	4.1X	
LRM	84.06 329	eP	13 34.30	1.3	
BUL	84.06 109	iPd	13 33.50	0.0	
0.8s	4.85nm		4.7mb		
BNG	85.94 83	iPd	13 43.00	0.2	
0.8s	11.00nm		5.1mb		
KRI	86.37 107	eP	13 45.00	0.0	
NEW	88.03 328	P	13 52.00	-0.1	
MTD	88.08 108	eP	13 55.00	1.8	
EDM	89.96 333	eP	14 00.00	-1.2	
YKA	97.23 339	eP	14 34.90	0.7	
HYB	144.84 97	ePKPc	20 38.60	-1.4	
1.1s	43.80nm				
NDI	146.29 77	iPKPd	20 42.00	-0.2	
S.D. = 1.3		on 41 of 49 obs.			

* MAY 22, 1985 05h 30m 59.74± 0.70s
53.426 N ±16.6km 159.461 E ±10.6km
DEPTH = 50.6km (2 depth phases)
4.7mb (12 obs.)
NEAR EAST COAST OF KAMCHATKA (218)

MAT	22.46 230	iPd	35 56.80	1.3	
0.7s	30.82nm		4.8mb		
INK	33.85 38	ePc	37 39.10	0.3	
YKA	43.17 43	eP	38 57.50	0.9	
YKC	43.24 43	eP	38 58.00	0.9	
EDM	48.87 53	ePc	39 41.60	-0.3	
DAG	50.07 359	iPc	39 50.40	-0.3	
0.7s	5.48nm		4.7mb		
BDW	57.68 61	iP	40 47.10	-0.3	
0.9s	3.42nm		4.4mb		
	e		41 01.00	51km	
SUF	58.54 337	iP	40 53.10	0.3	
0.4s	2.10nm		4.6mb		
KKN	58.93 276	eP	40 56.10	-0.1	
0.4s	6.00nm		5.1mb		
PKI	59.01 275	eP	40 54.60	-2.3	
0.4s	2.09nm		4.6mb		
DMN	59.17 276	eP	40 58.00	0.1	
0.4s	4.00nm		4.9mb		
RSON	59.35 45	eP	40 58.30	-0.3	
RSSD	59.54 56	iP	41 00.30	0.1	
1.0s	15.00nm		5.1mb		
	i		41 14.30	51km	
NB2	63.12 343	P	41 23.80	0.0	
0.6s	2.40nm		4.5mb		
HFS	63.51 342	eP	41 26.30	-0.1	
0.5s	3.10nm		4.6mb		
ALQ	65.05 65	eP	41 36.00	-1.0	
0.9s	2.10nm		4.2mb		
SCH	65.56 27	eP	41 38 50	-1.2	
KBA	75.80 337	iPd	42 43.80	1.9	
0.8s	7.10nm		4.6mb		
MLS	82.21 344	eP	43 19.90	3.5X	
S.D. = 1.0		on 18 of 19 obs.			

% MAY 22, 1985 05h 53m 18.82± 1.21s
57.466 N ±20.3km 7.699 E ±32.6km
DEPTH = 10.0km (geophysicist)
NORTH SEA (534)
DUR 2.5 (BER).

MUD	1.29 141	iPd	53 42.70	0.0	
		i	53 48.00		
KMY	2.18 325	iPn	53 55.50	0.0	
		eSn	54 26.80		
ODD	2.55 348	iPn	54 01.40	0.5	
		eSn	54 36.00		
ASK	3.29 338	ePn	54 12.00	0.6	
		eSn	54 45.50		
HYA	3.79 349	ePn	54 18.00	-0.5	
SUE	3.91 339	iPn	54 19.50	-0.6	
S.D. = 0.6		on 6 of 6 obs.			

* MAY 22, 1985 06h 28m 14.46± 0.59s
62.669 S ± 7.1km 165.055 E ±15.1km
DEPTH = 10.0km (geophysicist)
5.4mb (2 obs.) 5.3Msz (1 obs.)
BALLENY ISLANDS REGION (702)

SBA	15.27 179	iPc	31 50.70	-0.6	
2.0s	705.88nm		5.7mb X		
MSZ	18.11 7	P	32 27.00	-0.3	
TCW	22.18 19	P	33 12.90	1.0	
GNZ	25.32 24	eP	33 42.00	-0.4	
SPA	27.49 180	eP	34 03.20	0.7	
1.0s	13.00nm		4.6mb X		
Z 18s	6.78um		5.3Msz		
ASPA	44.25 317	iPc	36 26.10	0.6	
		eS	43 11.00		
CTA	44.47 334	iPc	36 27.80	0.5	
1.3s	100.00nm		5.5mb		
		iS	43 08.00		
		i	46 35.00		
WBN	44.48 307	eP	36 28.00	0.7	
WB2	47.61 319	eP	36 51.20	-1.0	
WRA	47.61 319	P	36 52.00	-0.2	
1.4s	33.70nm		5.2mb		
PMG	54.73 338	eP	37 45.00	-1.0	
TPZ	86.07 131	eP	41 02.00	5.2X	
LPB	90.84 130	eP	41 10.00	-9.7X	
		LR	11 26.00		
OHR	149.78 241	e(PKP)	48 08.00	7.8X	
SKO	150.24 243	e(PKP)	48 15.00	14.2X	
S.D. = 0.8		on 11 of 15 obs.			

? MAY 22, 1985 06h 55m 58.23± 2.93s
38.904 S ±17.2km 178.349 W ±31.2km
DEPTH = 33.0km (normal)
4.7mb (1 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	2.85 274	Pd	56 42.30	0.0	
		S	57 06.70		
TUA	3.51 270	Pd	56 51.20	-0.7	
WIZ	3.77 290	P	56 48.00	-7.4X	
WTZ	3.77 283	P	56 50.00	-5.5X	
WEL	5.79 244	P	57 28.90	4.8X	
		S	58 28.00		
COB	7.19 250	P	57 45.00	1.3	
		S	59 00.00		
KKZ	7.51 231	eP	57 47.00	-1.1	
		eS	59 01.00		
CRZ	8.48 299	eP	57 51.00	-10.6X	
OMZ	10.09 229	eP	58 23.00	-0.8	
		eS	00 19.00		
TMP	10.18 234	P	58 31.80	6.6X	
		S	00 17.50		
MSZ	11.75 236	P	58 52.00	5.5X	
		S	00 51.00		
KOU	23.62 316	iPc	01 05.00	-2.2	
ASPA	43.06 276	eP	03 58.00	1.3	
WB2	44.77 281	iPc	04 11.70	1.1	
WRA	44.78 281	Pc	04 11.70	1.0	
0.7s	8.50nm		4.7mb		
MUN	52.76 256	eP	05 19.00	6.8X	
S.D. = 1.5		on 9 of 16 obs.			

? MAY 22, 1985 07h 13m 22.90± 1.58s
26.589 S ± 8.1km 64.706 W ±35.8km

DEPTH = 33.0km (normal)
TUCUMAN PROVINCE, ARGENTINA (131)

SLA	1.99	339	ePd	13 55.20	0.2
			S	14 25.80	
CYA	2.08	207	e(P)	13 59.00	2.7X
YJA	4.46	350	ePc	14 28.80	-1.6
			S	15 41.20	
TCA	4.73	179	iPd	14 34.20	0.3
			S	15 51.80	
TPZ	6.28	323	P	14 39.60	-16.4X
PEL	8.34	217	eP	15 24.10	-0.4
LPB	10.49	342	eP	15 56.00	1.5

S.D. = 1.6 on 5 of 7 obs.

MAY 22, 1985 07h 16m 42.68± 0.37s
36.041 N ± 4.9km 139.895 E ± 5.0km
DEPTH = 61.5 ± 4.2 km
4.5mb (4 obs.)
HONSHU, JAPAN (227)
Felt (III JMA) at Utsunomiya, (II JMA) at Mito and (I JMA) at Choshi, Kumagaya and Yokohama.

TSK	0.24	46	iPc	16 51.50	-1.1
TOK	0.37	197	iP	16 53.60	0.0
			iS	17 01.20	
KMG	0.43	284	iPd	16 54.20	0.1
			iS	17 02.10	
UTS	0.50	358	iPd	16 54.60	-0.2
			iS	17 02.50	
DDR	0.57	266	iPd	16 55.20	-0.5
MIT	0.58	54	iPc	16 55.50	-0.1
			iS	17 04.20	
YOK	0.63	198	ePd	16 57.00	0.7
			iS	17 08.30	
SRY	0.66	230	iPd	16 56.90	0.2
OYM	0.82	221	eP	16 59.00	0.4
CHO	0.83	112	iPc	16 58.20	-0.5
			iS	17 08.90	
KYS	0.87	166	iPd	16 59.90	0.7
TAT	1.06	181	P	17 02.50	0.9
			S	17 16.00	
KOF	1.15	251	eP	17 04.00	1.1
OSH	1.34	198	eP	17 05.00	-0.6
			S	17 21.10	
MAT	1.45	291	eP	17 07.00	-0.1
			(S)	17 27.00	
SHK	6.09	258	eP	18 11.80	-0.4
PKI	46.56	276	eP	25 06.20	-0.3
	0.4s		3.00nm		4.6mb
KKN	46.57	276	eP	25 06.20	-0.2
	0.4s		6.90nm		4.9mb
DMN	46.79	276	eP	25 08.10	-0.1
INK	55.83	27	eP	26 16.00	0.5
WB2	55.93	186	eP	26 14.20	-2.4
WRA	55.93	186	Pc	26 15.70	-0.9
	0.4s		1.40nm		4.3mb
YKA	65.28	30	eP	27 20.90	1.2
NB2	74.62	337	P	28 16.40	-0.3
	0.4s		0.90nm		4.1mb
LRM	75.71	43	eP	28 25.30	1.9

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

* MAY 22, 1985 07h 28m 30.01± 0.91s
5.887 S ±13.1km 151.408 E ± 8.8km
DEPTH = 33.0km (normal)
3.7mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	0.67	328	iP	28 43.00	-0.1
			iS	28 50.00	
BGA	3.76	94	eP	29 29.00	1.8
			eS	30 12.00	
PAA	4.08	96	eP	29 30.00	-1.8
			eS	30 18.00	
LMG	4.41	227	eP	29 36.00	-0.5
LAT	4.45	260	eP	29 45.00	8.1X
PMG	5.48	230	eP	29 52.00	0.5
WB2	21.68	228	eP	33 20.20	0.1
WRA	21.69	228	P	33 27.00	6.8X
	0.5s		1.60nm		3.7mb

S.D. = 1.5 on 6 of 8 obs.

& MAY 22, 1985 07h 44m 20.50s
37.470 N 118.640 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.3 (PAS).

TIN	0.53	141	iPd	44 29.90	-1.2
			eS	44 37.30	
FRI	0.98	241	P	44 38.60	-0.8
MNA	1.03	22	P	44 39.80	-0.7
CWC	1.12	156	iP	44 40.80	-1.3
			eS	44 55.30	
JAS1	1.48	288	P	44 47.00	-0.8
VPEM	1.66	156	P	44 50.50	0.2
WKTM	1.68	175	P	44 50.20	-0.4
SLD	2.10	260	P	44 57.20	0.6
ARN	2.31	268	P	45 00.00	0.3
EUR	2.90	45	iP	45 14.00	5.6

10 obs. associated

* MAY 22, 1985 09h 20m 20.97± 1.53s
26.482 S ± 7.6km 64.453 W ±29.2km
DEPTH = 104.7 ± 32.8 km
TUCUMAN PROVINCE, ARGENTINA (131)

SLA	1.98	331	iPd	20 54.00	-0.2
			S	21 20.80	
CYA	2.29	211	e(P)	20 58.00	-0.1
			S	21 30.00	
YJA	4.40	347	ePc	21 27.30	0.2
			S	22 41.40	
TCA	4.84	181	iPd	21 33.00	0.2
			S	22 50.00	
TPZ	6.34	321	Pd	21 38.30	-15.5X
			(S)	23 02.00	
MDZ	7.44	210	eP	22 09.60	1.1
PEL	8.56	218	eP	22 23.70	-0.2
RFA	8.95	202	ePd	22 28.20	-1.0
LPB	10.46	340	iPd	22 55.00	5.2X
	1.0s		40.00nm		5.2mb X
			(S)	25 39.00	
			LR	26 24.00	

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

* MAY 22, 1985 09h 32m 37.73± 0.61s
30.568 S ±12.5km 177.813 W ±11.7km
DEPTH = 33.0km (normal)
5.3mb (2 obs.) 4.9Msz (1 obs.)
KERMADEC ISLANDS (178)

GNZ	8.76	202	eP	34 45.00	0.0
			eS	36 24.00	
CRZ	8.90	242	(P)	34 53.00	5.9X
MNG	11.41	207	eP	35 20.00	-1.4
			S	37 21.00	
NOU	16.31	297	iPc	36 40.20	14.4X
KOU	18.96	298	iPc	37 04.80	6.1X
CAN	28.17	251	eP	38 31.00	1.8
WAM	28.28	250	eP	38 32.50	2.4X
YOU	28.70	254	eP	38 36.20	2.3X
RMQ	29.59	270	eP	38 43.00	1.0
TOO	31.05	247	eP	38 56.00	1.2
CMS	31.08	259	eP	38 56.00	0.9
CTA	33.98	279	iPc	39 21.30	0.7
	0.9s		84.45nm		5.7mb X
STK	34.60	257	iPd	39 27.20	1.5
	0.8s		45.00nm		5.5mb
LAT	40.67	299	eP	40 16.00	-0.7
ASPA	43.26	267	eP	40 39.00	1.0
WB2	44.25	272	eP	40 44.20	-1.8
WRA	44.26	272	Pc	40 44.10	-2.0
	0.6s		22.40nm		5.2mb
SBA	47.88	184	e(P)	41 15.10	1.1
KLB	54.44	251	eP	42 02.00	-2.2
MRWA	56.63	253	eP	42 18.00	-2.0
SPA	59.60	180	e(P)	42 43.00	2.4X
			i	42 49.00	
PLM	85.78	47	eP	45 14.00	-1.2
ISA	86.30	45	eP	45 17.00	-0.6
TPC	86.78	47	eP	45 14.00	-5.9X
GLA	86.88	49	eP	45 21.00	0.5
CLC	86.94	45	eP	45 20.00	-0.7
CWC	87.06	44	eP	45 09.00	-12.4X
GSC	87.09	46	eP	45 22.00	0.6
KJF	142.71	342	ePKP	52 04.00	-4.5X
SUF	144.32	341	iPKP	52 07.10	-4.1X
	0.6s		7.10nm		
NUR	146.53	340	iPKP	52 13.80	-1.2
	0.7s		27.90nm		
NB2	148.94	351	PKP	52 20.80	1.8
	0.9s		11.30nm		
HFS	149.44	349	ePKP	52 21 40	1.7
	0.7s		11.00nm		
	Z 18s		0.17um		4.9Msz
			LR	40 32.00	
BNG	149.77	214	iPKPc	52 26.10	4.5X
	0.6s		21.00nm		

S.D. = 1.4 on 23 of 34 obs.

& MAY 22, 1985 10h 10m 37.40s
31.930 N 115.860 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.7 (PAS).

IKP	0.75	344	ePc	10 51.30	-1.0
			eS	11 01.60	
BAR	1.02	318	iPc	10 55.50	-1.5
GLA	1.42	38	eP	11 01.30	-2.5
SLBC	1.60	312	eP	11 05.20	-1.1
			eS	11 26.80	
SDW	2.86	339	eP	11 27.50	3.0

5 obs. associated

* MAY 22, 1985 11h 00m 01.48± 2.29s
43.668 N ±19.3km 24.052 E ±19.2km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PVL	0.97	122	iPc	00 32.00	12.1X
VTS	1.24	211	ePg	00 25.00	0.6
PLD	1.63	163	iPgd	00 30.00	-0.3
MMB	2.09	187	iPd	00 36.00	-1.0
KDZ	2.24	154	iP	00 40.00	0.8
VAY	2.59	206	ePn	00 47.00	2.9X
TLB	3.01	71	iPc	00 50.00	0.0
CFR	3.31	61	iPc	00 58.00	3.7X

S.D. = 1.1 on 5 of 8 obs.

? MAY 22, 1985 11h 04m 14.18± 4.40s
7.362 S ±37.9km 121.956 E ±37.2km
DEPTH = 170.2 ± 50.6 km
4.2mb (1 obs.)
BANDA SEA (280)

MTN	5.86	159	eP	05 40.00	0.0
KNA	8.34	181	eP	06 13.00	0.0
WRA	13.55	158	Pc	07 21 00	0.2
	0.2s		2.10nm		4.2mb
WB2	13.56	158	eP*	07 20.70	-0.2
			eS	09 46 80	
ASPA	16.89	164	iPc	08 05.80	3.6X
PKI	54.58	311	eP	13 27.60	-0.1
KKN	54.79	312	eP	13 29.10	0.1
DMN	54.82	311	eP	13 31.10	1.8X

S.D. = 0.2 on 6 of 8 obs.

? MAY 22, 1985 12h 03m 29.99± 3.14s
36.532 N ±26.7km 71.410 E ±14.6km
DEPTH = 183.2 ± 28.2 km
4.0mb (2 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.34	212	eP	05 16.00	0.3
			eS	06 37.00	
NDI	9.23	146	eP	05 38.00	-2.3
			eS	07 17.00	
DMN	14.61	124	eP	06 50.70	1.2
	0.5s		30.00nm		4.9mb X
KKN	14.61	123	eP	06 49.90	0.4
PKI	14.84	123	eP	06 53.10	0.6
	0.5s		27.00nm		4.9mb X
GBA	23.46	165	Pc	08 25.50	1.4
	0.5s		5.00nm		4.3mb
YKA	81.20	3	eP	15 26.10	0.2
WRA	81.73	122	Pd	15 28.40	-1.0
	0.7s		1.00nm		3.7mb
WB2	81.74	122	eP	15 28.60	-0.8

S.D. = 1.5 on 9 of 9 obs.

MAY 22, 1985 13h 57m 56.67± 0.22s
30.886 N ± 8.0km 73.394 E ± 5.4km
DEPTH = 33.0km (normal)
5.0mb (34 obs.) 4.0Msz (3 obs.)
INDIA-PAKISTAN BORDER REG. (712)
Felt at Lahore, Pakistan.

22d 13h

NDI 3.98 122 iPc 59 02.50 5.6X
0.6s 453.33nm
eSn 59 51.70
QUE 5.60 265 eP 59 06.90 -13.1X
ePP 59 16.00
eS 00 03.00
VAR 10.15 121 eP 00 24.00 0.8
eS 02 17.00
KKN 10.82 104 Pn 00 33.80 1.2
PKI 11.00 104 Pn 00 36.20 1.1
MHI 12.78 299 eP 00 44.00 -14.9X
e 00 51.00
BOK 13.07 120 eP 01 04.00 1.4
iS 03 28.00
HYB 14.21 160 eP 01 16.50 -1.1
TURI 15.84 105 iP 01 38.00 -0.8
iS 04 33.00
SHL 17.13 103 iP 01 54.00 -1.3
eS 05 19.00
GBA 17.60 167 P 02 05.00 4.0X
S 05 05.00
SHI 18.07 271 eP 02 03.00 -4.0X
IR2 19.39 290 iPc 02 21.40 -1.5
KOD 20.90 169 eP 02 40.00 1.0
eS 06 38.00
LZH 25.86 70 eP 03 26.00 -1.2
CHTO 26.05 112 iP 03 29.50 0.7
1.0s 50.00nm 5.1mb
Z 20s 0.09um 3.3Msz
KMI 26.49 95 Pc+ 03 33.00 -0.2
BDT 26.96 114 eP 03 38.90 1.8
1.0s 41.40nm 5.0mb
BJI 35.73 63 eP 04 52.50 -1.7
IPM 36.89 130 ePc 05 05.00 0.8
PSI 36.99 134 ePd 05 04.60 -0.3
MLR 39.47 305 eP 05 15.00 -10.7X
KGM 40.32 130 ePd 05 34.10 1.3
VAY 41.84 299 eP 05 33.60 -11.4X
NUR 43.58 327 eP 05 46.00 -12.9X
0.9s 30.40nm
Z 19s 0.20um 4.0Msz
i 05 59.80
LR 25 20.00
SUF 43.76 331 eP 05 51.00 -9.3X
KRA 43.91 312 iPc 06 02.00 0.3
0.6s 31.00nm 5.3mb
SRO 44.84 308 iP 06 10.30 0.9
SOD 45.66 337 iP 06 16.10 0.5
ZST 45.67 309 iPc 06 16.50 0.6
e 32 40.60
KSP 46.29 313 ePc 06 21.00 0.3
PRU 47.38 311 Pc 06 30.50 1.1
1.3s 36.10nm 5.2mb
VOY 47.90 306 iPc 06 33.30 -0.4
KHC 48.01 310 iPc 06 34.70 0.3
e 08 05.90
CLL 48.38 313 eP 06 37.00 -0.1
1.3s 27.00nm 5.1mb
HFS 48.75 325 eP 06 39.70 -0.2
0.4s 16.00nm 5.4mb
Z 18s 0.26um 4.3Msz
LR 27 56.00
HOF 49.09 312 iPc 06 43.60 0.9
0.8s 18.00nm 5.2mb
MOX 49.25 312 iPc 06 44.50 0.6
1.2s 51.00nm 5.4mb
CTI 49.46 306 iPc 06 45.50 -0.2
GRF 49.53 311 iPc 06 47.40 1.3
1.0s 40.00nm 5.4mb
OGA 49.82 307 eP 06 47.00 -1.6
1.0s 14.00nm 4.9mb
NB2 50.10 326 P 06 38.90 -11.4X
0.9s 38.10nm
OSS 50.44 307 eP+ 06 53.00 -0.3
SAX 50.93 308 eP+ 06 56.70 -0.4
LLS 51.21 307 eP+ 06 58.40 -0.7
WTS 52.22 314 iPc 07 07.20 0.8
DIX 52.39 307 eP+ 07 07.90 -0.3
BSF 52.59 09 iPc 07 09.10 -0.4
0.8s 14.90nm 5.0mb
EMS 52.72 307 eP+ 07 10.30 -0.2
WLF 52.82 311 Pc 07 11.90 1.0
ENN 52.86 313 ePc 07 11.50 0.3
0.9s 10.00nm 4.8mb
HAU 52.87 309 iPc 07 11.20 -0.2
0.8s 12.90nm 4.9mb
MAT 53.31 65 iPd 07 11.40 -3.4X
0.8s 10.45nm 4.9mb
(S) 14 44.00
DOU 53.77 312 P 07 18.90 1.0
LBF 54.60 308 iPc 07 23.70 -0.5
0.8s 7.40nm 4.8mb
LOR 54.64 309 iPc 07 23.80 -0.6
0.8s 3.20nm 4.4mb
SMF 54.75 308 iPc 07 25.20 0.0
1.2s 41.60nm 5.3mb
SSF 54.91 308 iPc 07 26.00 -0.3
0.8s 12.60nm 5.0mb
AVF 55.06 308 iPc 07 27.30 -0.1
1.0s 12.50nm 4.9mb
GRC 55.16 309 iPc 07 27.90 -0.2
MZF 55.68 307 iPc 07 32.10 0.2
1.0s 13.70nm 4.9mb
TCF 55.92 308 iPc 07 34.00 0.3
0.9s 12.10nm 4.9mb
LSF 56.39 308 iPc 07 37.00 -0.1
0.8s 9.90nm 4.9mb
RJF 56.59 307 iPc 07 39.10 0.6
0.8s 10.70nm 4.9mb
LPO 56.95 306 eP 07 41.60 0.6
LDF 57.05 311 eP 07 41.70 0.0
1.0s 8.00nm 4.7mb
LFF 57.21 306 iPc 07 43.30 0.5
0.7s 12.20nm 5.0mb
FLN 57.25 311 eP 07 42.80 -0.3
0.9s 6.50nm 4.7mb
MFF 57.46 308 eP 07 44.50 0.0
0.9s 9.80nm 4.9mb
GRR 57.57 311 eP 07 45.30 0.0
1.1s 18.70nm 5.0mb
LPF 57.76 310 eP 07 46.40 -0.2
EKA 57.76 319 Pc 07 46.10 -0.5
1.1s 14.30nm 4.9mb
BNG 57.81 254 iPd 07 38.00 -9.5X
0.9s 36.00nm 5.4mb
id 07 49.60
DAG 60.69 345 iPd 07 55.80 -10.8X
0.7s 4.79nm
MTD 62.14 226 eP 08 10.00 -7.2X
ipP 08 22.00 41kmX
KRI 63.42 228 eP 08 18.00 -7.7X
ipP 08 30.00 41kmX
BUL 66.52 226 eP 08 40.00 -5.7X
ipP 08 51.00 36kmX
MEK 71.63 138 iPc 09 14.60 -2.4
MBC 72.83 3 eP 09 15.00 -8.4X
KIC 76.59 269 eP 09 36.20 -9.8X
e 09 48.40
IMA 76.85 18 eP 09 38.90 -7.9X
e 09 50.70
WRA 77.32 123 Pc 09 47.90 -2.0
1.2s 25.30nm 5.1mb
WB2 77.32 123 iPc 09 48.20 -1.7
INK 79.11 10 eP 09 50.00 -8.9X
pP 10 02.00 40kmX
COL 79.28 17 iPd 09 53.00 -6.9X
0.8s 11.19nm 4.9mb
e 10 04.00
FBA 79.28 17 eP 09 52.70 -7.2X
0.8s 10.30nm 4.9mb
i 10 04.30
PWA 81.37 19 eP 10 03.50 -7.5X
e 10 15.50
YKA 86.73 4 eP 10 30.70 -7.5X
YKC 86.75 4 eP 10 30.00 -8.3X
0.7s 8.00nm 5.1mb
SPA 120.72 180 e(PKP)16 41.20 -4.9X
S.D. = 0.9 on 64 of 90 obs.

& MAY 22, 1985 14h 38m 16.47s
58.919 N 154.294 W
DEPTH = 129.8km
ALASKA PENINSULA (12)
<AGS-P>.

CDD 0.34 88 iPd 38 33.60 0.1
AUL 0.64 43 iP 38 35.85 -0.8
ILM 1.47 30 iP 38 43.84 -0.8
iS 39 04.90
KDC 1.51 140 eP 38 43.41 -1.6
eS 39 05.10
CNPM 1.69 68 eP 38 46.50 -0.6
RED 1.69 27 eP 38 46.40 -0.8
RDT 1.92 29 iP 38 49.09 -0.8
eS 39 13.89
BRLK 1.94 63 eP 38 49.05 -1.1
eS 39 14.49
SVW 2.30 344 iP 38 53.00 -1.6
SPU 2.53 25 eP 38 56.53 -1.1
eS 39 28.55
CRP 2.59 24 eP 38 57.82 -0.7
SLKM 2.61 51 eP 38 58.08 -0.5
iS 39 28.52
CGLM 2.66 25 eP 38 58.37 -0.9
SEW 2.74 62 eP 38 59.95 -0.3
MPA 2.95 56 eP 39 02.54 -0.5
SUA 3.11 33 eP 39 04.33 -0.9
PTE 3.30 51 eP 39 06.64 -0.9
PMS 3.33 43 eP 39 06.86 -1.2
eS 39 44.00
SKT 3.36 23 eP 39 07.40 -1.1
KNK 3.84 47 eP 39 12.91 -2.0
GHO 3.91 41 eP 39 13.42 -2.5
MSE 3.95 40 eP 39 13.78 -2.6
SML 4.14 43 eP 39 16.58 -2.4
FID 4.35 62 eP 39 19.80 -1.9
VZW 4.44 58 eP 39 22.12 -0.9
KLU 4.91 55 eP 39 27.48 -1.9
KMP 5.30 57 eP 39 33.26 -1.4
27 obs. associated

& MAY 22, 1985 15h 38m 38.38s
63.328 N 147.168 W
DEPTH = 44.1km
CENTRAL ALASKA (1)
<AGS-P>.

TOA 1.31 159 iP 39 00.39 -0.2
SCM 1.50 183 iP 39 02.49 -0.9
iS 39 22.76
COL 1.60 350 iP 39 03.80 -0.9
i 39 05.60
eS 39 24.00
FBA 1.60 350 eP 39 03.78 -0.9
iS 39 25.16
SML 1.62 200 iP 39 03.86 -1.1
MSE 1.71 210 eP 39 05.20 -1.2
iS 39 27.68
GHO 1.76 208 iP 39 06.36 -0.7
iS 39 29.39
KLU 1.93 162 eP 39 09.47 0.0
PLRM 1.97 209 eP 39 09.55 -0.3
KNK 2.01 198 iP 39 10.36 -0.2
iS 39 36.33
KMP 2.07 150 iP 39 12.17 0.7
iS 39 39.70
PWA 2.10 218 eP 39 11.17 -0.6
CFI 2.17 188 eP 39 13.07 0.4
VLZ 2.24 170 eP 39 14.27 0.6
eS 39 44.56
VZW 2.30 173 eP 39 14.41 -0.2
PMS 2.37 209 eP 39 16.13 0.4
SKT 2.43 238 eP 39 14.72 -1.7
GLI 2.46 179 eP 39 18.35 1.5
SUA 2.50 223 eP 39 17.36 -0.3
PTE 2.62 200 eP 39 20.39 1.2
SGAM 2.98 161 eP 39 24.71 0.4
MPA 3.03 201 eP 39 26.65 1.6
CGLM 3.03 230 eP 39 25.10 -0.1
SPU 3.14 229 eP 39 26.90 0.3
SLKM 3.18 208 eP 39 29.08 1.9
BALM 3.23 133 eP 39 29.49 1.6
RDT 3.71 224 eP 39 34.89 0.2
BRLK 3.99 208 eP 39 39.24 0.5
28 obs. associated

MAY 22, 1985 17h 48m 07.15± 0.54s
39.018 N ± 4.9km 26.185 E ± 5.5km
DEPTH = 12.7 ± 3.5 km
TURKEY (366)

PRK 0.24 17 iPgc 48 13.50 1.1
eSg 48 18.50
EZN 0.81 8 iPg 48 22.40 -0.2
iSg 48 35.40
IZM 1.05 126 iPn 48 25.80 -0.9
KGT 1.67 31 iPn 48 36.70 0.5
EDC 1.85 44 iPn 48 39.30 0.4
MFT 1.96 25 ePn 48 40.70 0.2
DST 1.98 72 ePn 48 40.80 0.0
KCT 2.08 53 ePn 48 42.70 0.5

ATH	2.20	242	ePn	48 45.00	1.1	
			ePg	48 51.30		
			eSn	49 14.20		
YER	2.51	138	ePn	48 48.30	0.0	
KDZ	2.70	347	iP	48 50.00	-1.0	
CTT	2.74	38	iPn	48 51.70	0.1	
ISK	3.01	46	ePn	49 00.00	4.7X	
DMK	3.05	23	iPn	48 55.10	-0.8	
DIM	3.06	352	eP	48 56.00	0.0	
MMB	3.18	325	eP	48 58.00	0.1	
GPA	3.43	67	ePn	48 59.00	-2.4X	
JMB	3.46	5	eP	49 12.00	10.3X	
VAY	3.60	311	ePn	49 03.00	-0.8	
NPS	3.78	187	ePg	49 16.50	10.2X	
PVL	4.19	350	eP	49 12.00	-0.2	
VTS	4.23	329	eP	49 10.00	-2.7X	
CLO	6.55	339	eP	49 42.00	-3.6X	

S.D. = 0.7 on 17 of 23 obs.

? MAY 22, 1985 17h 51m 08.63± 6.82s
38.962 N ±28.2km 26.163 E ±65.5km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.87	8	iPg	51 24.40	-1.0	
			iSg	51 39.40		
IZM	1.03	123	iPn	51 28.00	-0.1	
KGT	1.73	30	iPn	51 38.70	-0.2	
EDC	1.91	43	ePn	51 40.80	-0.7	
MFT	2.02	25	ePn	51 45.00	1.9	

S.D. = 1.6 on 5 of 5 obs.

• MAY 22, 1985 17h 52m 11.29± 1.54s
50.457 N ±19.6km 19.048 E ± 9.4km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.5 (K8A), 3.3 (KRA).

KRA	0.70	125	iPgd	52 25.00	-0.1	
			iSg	52 34.60		
SPC	1.49	148	i(Pn)	52 38.60	0.4	
			i(Sn)	52 59.00		
KSP	1.80	283	ePn	52 43.00	0.5	
	0.7s		48.00nm			
			iPg	52 45.70		
			iSn	53 08.40		
			iSg	53 10.00		
JOS	2.19	153	eP	52 47.90	-0.4	
PRU	2.93	263	ePn	52 58.50	-0.3	
			Pg	53 06.60		
			Sg	53 42.50		
KHC	3.78	252	ePn	53 10.00	-0.9	
			ePg	53 17.00		
			Sg	54 10.00		
CLL	3.92	285	ePg	53 28.00	15.2X	
			eSg	54 22.00		
GRB1	4.89	260	e(Pg)	53 36.70	10.1X	
			e	53 41.20		
			e(Sg)	54 21.40		
KBA	5.06	230	e(Pn)	53 30.00	0.8	
			e(Sn)	54 26.00		
			iSg	54 53.20		

S.D. = 0.7 on 7 of 9 obs.

MAY 22, 1985 18h 40m 33.99± 0.37s
1.863 S ± 6.4km 145.578 E ± 6.8km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
ADMIRALTY ISLANDS REGION (199)

MOM	1.83	96	eP	41 01.50	-2.2	
MDG	3.37	177	eP	42 26.00	60.4X	
LAT	4.97	163	eP	41 50.00	1.7	
KVG	5.26	98	eP	41 52.50	0.1	
MTN	17.99	232	eP	44 41.00	-2.4	
CTA	18.13	178	iPd	44 56.30	11.3X	
	1.2s		29.69nm			
WB2	21.06	211	iPc	45 16.20	-1.6	
			eS	49 49.00		
WRA	21.06	211	Pd	45 17.00	-0.8	
	1.0s		38.20nm		4.8mb	
KNA	21.56	229	eP	45 23.00	0.1	
ASPA	24.45	207	eP	45 52.00	0.8	
			eS	50 14.00		
RMQ	24.67	173	eP	45 55.00	1.7	
WHN	43.86	320	P	48 40.00	0.9	
MDJ	48.42	345	eP	49 14.30	-0.7	
KMI	49.40	306	eP	49 24.50	1.3	
XAN	49.62	319	P	49 24.00	-0.5	
CHG	50.23	296	eP	49 30.00	0.7	
CHTO	50.23	296	iP	49 29.70	0.4	
	1.0s		10.50nm		4.8mb	
CD2	51.41	313	eP	49 38.70	0.5	
HHC	52.60	328	eP	49 46.60	-0.4	
LZH	54.18	318	eP	49 58.00	-0.8	
GTA	58.68	319	P	50 31.00	0.0	
KKN	64.93	302	eP	51 13.20	0.0	
	1.0s		40.00nm		5.5mb X	
HYB	68.72	289	ePd	51 36.50	-0.7	
WMO	68.76	319	Pc	51 37.00	0.0	
QUE	81.11	301	eP	52 49.00	0.8	
COL	81.96	23	eP	52 51.00	-0.6	
INK	88.36	22	eP	53 23.00	-0.4	
YKA	96.18	27	eP	54 00.60	0.9	
YKC	96.25	27	eP	54 01.00	1.0	

S.D. = 1.1 on 27 of 29 obs.

& MAY 22, 1985 20h 33m 16.13s
62.216 N 148.405 W
DEPTH = 40.0km
CENTRAL ALASKA (1)
<AGS-P>.

SML	0.41	175	iP	33 25.39	-0.4	
MSE	0.46	215	iP	33 25.81	-0.7	
			iS	33 33.57		
GHO	0.51	209	iP	33 26.31	-0.8	
			iS	33 34.69		
SCM	0.64	127	iP	33 28.43	-0.4	
PLRM	0.71	209	eP	33 28.70	-1.1	
			iS	33 40.58		
KNK	0.81	182	iP	33 30.65	-0.5	
			iS	33 42.74		
PWA	0.90	232	iP	33 31.67	-0.7	
TOA	1.05	95	iP	33 35.18	0.5	
CFI	1.08	163	iP	33 34.61	-0.4	
			iS	33 52.07		
PMS	1.12	210	iP	33 35.16	-0.4	
TTV	1.32	152	eP	33 38.64	0.3	
			eS	33 57.41		
SUA	1.34	237	iP	33 38.47	-0.4	
			iS	33 56.95		
KLU	1.38	121	iP	33 39.18	-0.2	
			iS	33 57.94		
PTE	1.39	193	iP	33 39.07	-0.3	
VZW	1.46	142	eP	33 39.76	-0.7	
VLZ	1.47	137	iP	33 39.56	-0.9	
			iS	34 00.90		
GLI	1.48	154	iP	33 40.74	0.0	
SKT	1.49	262	eP	33 39.70	-1.1	
			eS	33 59.50		
FID	1.74	147	iP	33 44.08	-0.3	
KMP	1.75	112	iP	33 44.56	0.0	
MPA	1.79	195	eP	33 44.81	-0.3	
			iS	34 08.04		
SLKM	1.92	208	eP	33 47.08	0.0	
CGLM	1.94	244	iP	33 47.02	-0.3	
CRP	2.02	244	eP	33 48.37	-0.3	
SPU	2.03	241	eP	33 47.99	-0.6	
SEW	2.18	194	eP	33 50.95	0.3	
SGAM	2.31	137	eP	33 52.27	-0.3	
RDT	2.53	231	eP	33 55.16	-0.7	
			eS	34 25.30		
COL	2.71	6	iP	33 57.90	-0.3	
			eS	34 30.00		
FBA	2.71	6	eP	33 57.61	-0.6	
BRLK	2.74	207	eP	33 58.35	-0.3	
ILM	2.95	228	eP	34 01.03	-0.6	
BALM	3.13	110	eP	34 03 16	-1.1	
TTA	3.59	285	iP	34 08.79	-2.0	

34 obs. associated

MAY 22, 1985 21h 39m 34.97± 0.72s
9.034 N ± 7.2km 77.322 W ± 9.1km
DEPTH = 33.0km (normal)
NEAR NORTH COAST OF COLOMBIA (96)

UPA	2.19	269	iPc	40 09.00	-0.7	
	0.9s		689.08nm			
			iS	40 35.00		
BMG	4.63	115	eP	40 47.00	2.4	
BOG	5.45	143	eP	40 57.00	0.7	
UAV	6.12	93	e(Pn)	41 03.00	-2.7	
SDV	6.61	91	ePn	41 11.70	-0.9	
PSO	7.79	180	eP	41 29.50	0.2	
PCJ	8.66	1	eP	41 41.21	0.2	
			eS	43 28.59		
HOJ	8.93	4	eP	41 45.68	0.9	
STH	9.00	3	eP	41 46.39	0.6	
GWJ	9.01	4	eP	41 46.30	0.4	
BBJ	9.29	0	iP	41 49.82	0.0	
			eS	43 38.84		
YKA	59.80	341	eP	49 38.00	-1.1	

S.D. = 1.4 on 12 of 12 obs.

? MAY 22, 1985 21h 53m 12.42±10.30s
39.477 N ±17.2km 33.991 E ±87.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BCK	3.34	234	iPn	54 05.90	0.0	
ISK	4.09	294	ePn	54 25.00	8.6X	
DST	4.15	273	iPn	54 17.80	0.6	
ELL	4.22	231	iPn	54 22.00	3.7X	
KCT	4.40	282	ePn	54 21.00	0.1	
CTT	4.57	293	ePn	54 23.60	0.5	
EDC	4.79	282	ePn	54 22.80	-3.6X	
DMK	5.29	298	ePn	54 33.10	-0.3	
EZN	5.93	276	ePn	54 41.40	-0.9	

S.D. = 0.7 on 6 of 9 obs.

• MAY 22, 1985 22h 43m 32.10± 1.92s
22.017 N ± 9.0km 143.821 E ±10.2km
DEPTH = 163.6 ± 16.7 km
4.6mb (10 obs.)
VOLCANO ISLANDS REGION (213)

KYS	13.52	347	eP	46 38.40	0.0	
OYM	13.94	344	eP	46 42.70	-1.1	
SRY	14.11	345	eP	46 45.00	-0.9	
DDR	14.50	345	eP	46 50.20	-0.7	
TSK	14.51	348	eP	46 51.50	0.6	
MAT	15.27	343	eP	47 02.00	1.6	
SSE	22.14	299	Pd	48 15.50	0.5	
	1.0s		132.00nm		5.4mb	
			e	52 04.00		
DL2	25.38	317	P	48 47.50	1.8	
WHN	27.69	294	P	49 10.50	3.7X	
XAN	32.90	299	eP	49 51.40	-1.3	
GTA	41.17	305	P	51 02.60	0.5	
CTA	41.91	177	iPd	51 09.50	1.4	
	0.7s		9.25nm		4.5mb	
CHG	42.07	274	eP	51 09.00	-0.5	
CHTO	42.07	274	eP	51 10.20	0.7	
	1.0s		4.50nm		4.0mb	
WB2	42.72	193	eP	51 14.70	0.1	
WRA	42.72	193	Pc	51 12.90	-1.7	
	0.4s		1.30nm		3.9mb	
LSA	47.68	291	P	51 55.20	0.7	
WMO	50.84	309	iPd	52 19.00	1.0	
PKI	52.91	289	eP	52 34.10	0.2	
	0.6s		5.00nm		4.5mb	
COL	61.12	27	eP	53 30.00	-0.9	
HYB	61.21	278	eP	53 31.00	-1.2	
GBA	63.35	275	P	53 46.00	-0.3	
	0.7s		26.30nm		5.2mb	
INK	67.05	24	ePd	54 08.90	-0.3	
QUE	68.35	295	eP	54 17.50	-0.7	
MBC	70.40	15	iPd	54 29.40	-0.2	
	0.5s		7.00nm		4.7mb	
YKA	75.90	28	eP	55 02.60	0.8	
YKC	75.96	28	eP	55 02.50	0.4	
	0.5s		6.00nm		4.6mb	
SOD	79.65	340	eP	55 20.00	-2.3	
IR2	79.76	304	(P)	55 26.00	2.3	
KJF	81.00	337	eP	55 29.00	-0.4	
SUF	82.40	336	eP	55 35.00	-1.7	
LRM	83.54	43	eP	55 44 30	1.8	
NUR	84.26	334	iP	55 41.90	-4.2X	
FFC	85.24	32	eP	55 52.00	0.8	
	0.9s		16.00nm		4.8mb	
HFS	88.66	337	eP	56 07.60	-0.1	
	0.7s		2.20nm		4.3mb	
LPB	149.42	85	ePKP	03 07.00	7.3X	

S.D. = 1.1 on 33 of 36 obs.

MAY 22, 1985 23h 01m 50.18± 1.00s
6.541 S ± 5.9km 129.811 E ± 7.9km
DEPTH = 149.9 ± 10.9 km
4.7mb (11 obs.)
BANDA SEA (280)

22d 23h

AAI	3.26	330	ePd	02 42.70	1.3	
MTN	6 40	168	eP	03 19.00	-4.3X	
KNA	9.21	186	eP	03 59.00	-1.8	
	0.3s	55.00nm		5.7mb X		
WRA	14.03	162	Pd	04 59.10	-4.5X	
	0.9s	16.30nm		4.4mb		
WB2	14.03	162	eP	04 59.20	-4.5X	
			iS	07 30.70		
PMG	17.41	101	eP	05 45.00	-0.5	
MBL	17.45	213	iPc	05 45.50	-0.5	
	0.4s	8.00nm		4.4mb		
ASPA	17.48	167	iPc	05 55.20	8.9X	
	1.0s	91.00nm		5.1mb		
WBN	19.73	189	iPc	06 10.50	0.0	
	0.4s	30.00nm		5.0mb		
CTA	20.88	132	eP	06 23.00	0.9	
	0.4s	16.95nm		4.8mb		
NAU	21.06	219	eP	06 24.00	0.2	
MEK	22.66	207	eP	06 40.00	0.5	
MRWA	26.05	208	iPd	07 11.20	-0.2	
KLB	27.35	203	iPd	07 23.10	-0.1	
NWAO	28.74	262	iPd	07 35.40	-0.2	
ADE	29.45	165	iPc	07 42.50	0.5	
PPI	29.96	280	e(P)	07 32.50	-14.1X	
PSI	32.17	286	eP	08 07.00	1.1	
	0.7s	32.30nm		5.2mb		
YOU	32.50	151	eP	08 08.60	-0.1	
CAN	33.64	151	eP	08 18.80	0.3	
WAM	34.30	152	eP	08 25.10	1.1	
CHG	39.50	310	iPd	09 08.40	0.5	
	0.6s	6.67nm		4.5mb		
CHTO	39.50	310	iP	09 08.50	0.6	
	0.9s	8.10nm		4.5mb		
MAT	43.57	10	eP	09 39.00	-1.9	
	0.9s	16.81nm		4.7mb		
PKI	54.69	310	eP	11 05.60	-0.9	
	0.6s	4.00nm		4.4mb		
KKN	54.90	311	eP	11 07.20	-0.7	
	0.7s	11.00nm		4.8mb		
HYB	55.95	296	ePd	11 13.60	-1.8	
MAW	75.31	201	eP	13 19.00	0.9	
MHI	78.25	309	eP	13 36.00	0.8	
S.D. = 1.0 on 24 of 29 obs.						

• MAY 22, 1985 23h 14m 39.46± 0.98s
32.980 N ±11.5km 132.718 E ± 9.9km
DEPTH = 33.0km (normal)
SHIKOKU, JAPAN (236)

ASZ	0.36	136	Pc	14 48.80	0.7	
			iS	14 56.20		
MTY	0.86	3	eP	14 55.00	-0.1	
			S	15 07.40		
KOC	0.89	50	eP	14 55.00	-0.6	
			eS	15 09.00		
OIT	0.95	286	eP	14 58.00	1.5	
			S	15 06.70		
NOB	0.96	216	eP	14 55.00	-1 5	
			S	15 06.60		
S.D. = 1.7 on 5 of 5 obs.						

• MAY 22, 1985 23h 40m 04.42± 1.44s
32.660 S ± 6.0km 71.571 W ±14.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

PEL	0.89	123	iPd	40 20.60	0.0	
SAN	1.10	136	iPd	40 23.60	0.0	
			iS	40 41.50		
TACH	1.12	152	iPc	40 24.30	0.4	
			iS	40 40.50		
BACH	1.14	128	iPd	40 24.40	0.2	
FCH	1.27	122	iPd	40 26.00	-0.2	
LNV	1.30	174	iPc	40 25.50	-0.8	
			iS	40 44.90		
PCH	1.31	137	iPd	40 26.70	0.1	
CMCH	1 48	149	iPc	40 29.80	0.7	
MDZ	2 30	96	iP	40 44.20	3.3X	
			i	40 49.50		
			iS	41 16.70		
RTCB	2.63	64	e(P)	40 45.70	0.2	
			S	41 22.50		
RTCV	2.69	74	ePd	40 47.30	0.9	
			(S)	41 24.20		
ZON	2.69	66	eP	40 48.00	1.6	
RTLL	2.95	64	ePd	40 49.30	-0.8	
			S	41 28.00		

CFA	3.02	71	ePc	40 51 00	0.0	
			S	41 37.50		
RFA	3.34	130	ePc	40 56.00	0.4	
TCA	6.07	79	ePd	41 31.00	-3.4	
			S	42 41.00		
CYA	6.52	51	e(P)	41 36.00	-4.5X	
ANT	8.98	7	eP	42 22.50	7.7X	
SLA	9.53	36	e(P)	42 24.00	1.4	
LPB	16.36	12	Pd	43 53.00	-0.7	
S.D. = 1.2 on 17 of 20 obs.						

MAY 22, 1985 23h 46m 48.99± 0.27s
7.047 S ± 5.7km 102.577 E ± 6.7km
DEPTH = 33.0km (normal)
5.1mb (12 obs.)
SOUTHWEST OF SUMATERA (273)

PPI	6.90	342	iPc	48 26.30	-4.1X	
KGM	9.03	5	ePd	49 00.00	-0.2	
PSI	10.34	339	ePd	49 14.70	-3.5X	
IPM	11.65	352	ePd	49 32.00	-4.1X	
NNT	19.71	352	eP	51 16.90	-1.9	
KHT	22.05	350	eP	51 42.80	0.1	
NST	22.70	354	eP	51 49.00	-0.2	
PPR	23.20	44	eP	51 56.00	2.0X	
LOE	24.31	358	eP	52 03.00	-1.8	
BDT	24.39	352	eP	52 06.30	0.7	
	0.6s	29.60nm		5.0mb		
CHTO	25.94	352	iP	52 20.20	-0.1	
KMI	31.98	0	Pd	53 15.50	0.9	
GBA	32.31	309	Pd	53 17.90	0.5	
	1.1s	53.90nm		5.4mb		
WRA	33.36	116	Pc	53 26.20	-0.4	
	0.7s	4.50nm		4.5mb		
WB2	33.37	116	eP	53 26.20	-0.5	
HYB	33.98	316	ePc	53 31.90	0.0	
SHL	34.04	343	iP	53 32.00	-0.6	
ASPA	34.31	122	eP	53 34.00	-0.8	
PKI	38.21	335	iPd	54 08.80	0.8	
	0.7s	40.00nm		5.4mb		
KKN	38.46	335	iPd	54 10.70	0.7	
SSE	41.90	24	Pc	54 39.00	1.0	
	1.0s	35.00nm		5.0mb		
LZH	42.92	2	eP	54 47.50	1.0	
NDI	43.13	327	iPd	54 42.00	-6.1X	
	0.7s	89.04nm		5.6mb		
CTA	44.25	112	iPc	54 58.80	1.4	
	0.9s	12.18nm		4.7mb		
BJI	48.51	14	P	55 31.00	0.3	
YOU	50.11	129	eP	55 44.20	0.9	
			e	55 54.30		
QUE	50.39	319	eP	55 45.00	-0.6	
CAN	50.98	130	eP	55 51.00	1.2	
			e	56 01.50		
WAM	51.22	131	eP	55 51.50	-0.1	
MHI	59.08	320	eP	56 47.00	-1.7	
IR2	64.51	315	iPd	57 25.30	0.2	
NAI	65.80	272	eP	57 35 00	1.0	
	1.1s	37.97nm		5.4mb		
MTD	69.84	255	eP	57 59.00	-0 1	
KRI	71.72	255	eP	58 09.00	-1.6	
BUL	72.58	251	iPc	58 15.90	0.3	
	1.0s	9.50nm		4.7mb		
			ipP	58 28.30	42kmX	
LSZ	73.16	256	iP	58 20.00	1.0	
JER	74.85	305	eP	58 28.00	-0.5	
RMN	74.92	304	eP	58 30.20	1.3	
BNG	84.63	275	iPd	59 21.30	0.0	
	0.7s	8.00nm		5.0mb		
			id	59 33.00		
MLR	85.71	317	eP	59 27.00	0.8	
CLO	87.77	316	eP	59 37.00	0.9	
KJF	89.78	335	iP	59 45.90	0.7	
	0.8s	17.60nm		5.4mb		
JOS	89.97	319	ePd	59 47.80	1.4	
SUF	90.05	333	iP	59 46.90	0.5	
	0.7s	6.70nm		5.0mb		
SOD	91.10	338	iP	59 51.90	0.7	
YKA	118.37	19	ePKP	05 34.10	-0.2	
YKC	118.42	19	ePKP	05 33.00	-1.4	
RSON	134.28	14	ePKP	06 05.30	0.1	
	0.8s	2 46nm				
BDW	134.53	33	ePKP	06 05.50	-0.7	
	1.0s	1.60nm				
RSSD	136.36	28	ePKP	06 08.30	-1.3	
	1.0s	11.00nm				
ITR	138.08	249	ePKP	06 12.10	-1.4	

GOL	138.94	33	e(PKP)	06 14.00	-0.6	
SOB1	140.18	247	e(PKP)	06 10.00	-7.3X	
			e	06 16.90		
BAO	143.15	232	e(PKP)	06 20.50	-2.0	
TUL	146.71	28	ePKP	06 28.00	0.2	
	0.9s	18.30nm				
LTX	146.80	45	iPKP	06 31.20	2.9X	
	0.8s	17.52nm				
RLO	146.84	27	ePKP	06 28.00	-0.1	
BHO	148.39	28	ePKP	06 34.40	3.8X	
	0.7s	12.30nm				
JCT	148.63	39	ePKP	06 31.50	0.3	
TPZ	150.41	197	PKP	06 39.80	5.3X	
RSCP	150.61	14	ePKP	06 40.20	6.2X	
	1.0s	18.00nm				
PRM	152.71	9	ePKP	06 44.40	7.4X	
S.D. = 0.9 on 51 of 62 obs.						

& MAY 23, 1985 00h 25m 22.43s
60.196 N 153.141 W
DEPTH = 125.4km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.16	95	iP	25 39.34	1.1	
			eS	25 52.84		
RED	0.29	39	ePd	25 39.80	1.1	
RDT	0.53	44	iP	25 40.99	-0.5	
			eS	25 50.93		
AUL	0.83	190	eP	25 43.20	-0.5	
AUI	0.88	190	eP	25 43.37	-0.7	
			eS	25 59.25		
NKA	1.09	59	eP	25 47.04	1.0	
SPU	1.12	28	iP	25 45.84	-0.7	
CNPM	1.17	124	eP	25 46.40	-0.6	
CRP	1.18	24	eP	25 46.94	-0.3	
BRLK	1.21	110	eP	25 46.38	-1.1	
CDD	1.30	192	ePd	25 47.20	-1.1	
SLKM	1.49	77	eP	25 49.34	-1.1	
			eS	26 10.43		
SUA	1.73	42	eP	25 52.87	-0.6	
			eS	26 16.83		
SEW	1.85	91	eP	25 53.50	-1.2	
MPA	1.90	79	eP	25 53.97	-1.4	
SKT	1.95	23	eP	25 55.24	-0.8	
			eS	26 21.62		
PMS	2.05	58	eP	25 55.88	-1.4	
			eS	26 22.55		
PTE	2.14	70	eP	25 56.27	-2.1	
KDC	2.48	172	eP	25 59.86	-2.8	
GHO	2.59	51	eP	26 02.12	-2.2	
KNK	2.60	60	eP	26 02.60	-1.7	
			eS	26 33.09		
MSE	2.62	49	eP	26 02.18	-2.4	
CFI	2.82	67	eP	26 08.69	1.6	
SML	2.85	53	eP	26 04.91	-2.6	
GLI	3.07	74	eP	26 09.63	-0.8	
FID	3.35	78	eP	26 11.90	-2.2	
VZW	3.36	72	eP	26 13.21	-1.2	
KLU	3.77	67	eP	26 17.12	-2.7	
KMP	4.18	68	eP	26 24.62	-0.8	
29 obs. associated						

MAY 23, 1985 01h 04m 16.50± 0.52s
42.279 N ± 5.8km 13.341 E ± 3.1km
DEPTH = 11.1 ± 5.1 km
4.0mb (1 obs.)
CENTRAL ITALY (381)
ML 4.1 (TRI), 3.8 (KBA), 3.7 (LDG). Felt at L'Aquila.

DUI	1.04	126	ePg	04 35.30	-0 6	
			iSg	04 53.00		
SGO	2.27	139	ePn	04 55.00	0.6	
	0.4s	********	nm			
BRT	3.22	114	iPnd	05 08.20	0.3	
			iSn	05 46.00		
ORI	3.23	132	ePn	05 06.50	-1.6	
CVF	3.32	276	Pn	05 10.20	0.7	
			Sn	05 50.00		
TRI	3.44	5	ePn	05 10.90	-0.2	
			iPg	05 21.10		
			i	05 25.70		
			iSn	05 54.30		
			iSg	06 18.00		
VOY	3.77	6	ePn	05 15.20	-0.7	
			i	05 29.80		

			i(Sn)	05	58.00	
HCY	3.83	86	ePn	05	17.70	1.1
			eSn	06	02.00	
LJU	3.86	12	iPn	05	18.00	1.0
			e	05	29.60	
			iSn	06	02.60	
BRY	3.89	79	ePn	05	18.50	0.9
			eSn	06	03.00	
SAL	3.90	330	ePn	05	18.40	0.9
			e(Sn)	06	04.00	
CTI	3.96	343	iPnc	05	18.80	0.3
			iSn	06	03.00	
LCI	3.98	118	ePn	05	21.00	2.3
			eSn	06	32.00	
TTG	4.39	86	ePn	05	25.60	1.1
			eSn	06	16.50	
ULC	4.41	92	ePn	05	25.10	0.3
			eSn	06	14.10	
PLE	4.58	75	ePn	05	30.00	2.7
			eSn	06	22.50	
KBA	4.80	0	iPnd	05	30.50	0.0
	0.5s		30.70nm			
			ic	05	32.30	
			i	05	43.80	
			iSn	06	24.80	
			i	06	28.80	
			i	06	31.20	
			i	07	09.90	
OGA	4.88	341	ePn	05	32.10	0.4
OSS	4.97	334	ePd	05	34.40	1.6
FRF	5.08	287	Pn	05	34.20	-0.1
ORO	5.11	313	ePn	05	36.00	1.1
			eSn	06	34.00	
LRG	5.26	285	Pn	05	37.00	0.1
MMK	5.40	316	ePd	05	40.60	1.5
LLS	5.54	327	ePd	05	41.90	0.9
OHR	5.70	99	iPn	05	43.10	-0.1
SAX	5.73	332	ePd	05	46.10	2.4
EMS	5.97	312	ePd	05	49.40	2.4
SKO	6.03	90	iPn	05	48.00	0.3
			iSn	06	52.50	
VKA	6.34	18	eP	05	54.00	1.8
			iPgPg	06	00.20	
			iSg	07	05.50	
SLE	6.47	330	eP	05	53.90	-0.1
ZST	6.49	23	eP	05	54.40	0.3
SRO	6.56	31	eP	05	55.80	0.6
KHC	6.86	1	Pg	05	58.00	-1.4
			Sg	07	13.50	
VAY	6.96	95	iPn	05	59.50	-1.4
BSF	7.23	322	Pn	06	03 40	-1.3
			Sn	07	23.70	
VTS	7.30	84	eP	06	12.00	6.4X
BUH	7.34	332	ePn	06	05.80	-0.3
CLO	7.41	65	eP	06	06.00	-1.1
CDF	7.47	327	Pn	06	06.00	-2.1
			Sn	07	29.20	
GRF	7.56	349	ePn	06	08.50	-0.7
			e	06	12.80	
HAU	7.56	322	Pn	06	07.60	-1.7
			Sn	07	31.30	
PRU	7.76	6	ePn	06	12.00	0.1
			eSn	07	30.00	
MMB	7.78	92	iPd	06	12.00	-0.3
GWF	7.80	331	eP	06	11.40	-1.2
SMF	8.07	306	Pn	06	16.60	0.1
			Sn	07	44.50	
LBF	8.17	308	Pn	06	17.60	-0.2
			Sn	07	46.00	
LOR	8.39	310	Pn	06	20.30	-0.5
			Sn	07	51.60	
AVF	8.44	306	Pn	06	21.40	-0.1
MOX	8.45	353	(Pn)	06	30.00	8.3X
CAF	8.60	292	Pn	06	23.50	-0.3
TCF	8.93	300	Pn	06	28.80	0.4
KDZ	8.97	90	iP	06	28.00	-0.9
MLS	9.07	278	eP	06	29.90	-0.3
RJF	9.07	293	Pn	06	30.60	0.3
LPO	9.16	289	Pn	06	30.80	-0.7
LSF	9.36	299	Pn	06	25.20	-9.0X
LFF	9.52	290	Pn	06	36.50	0.0
NUR	19.52	17	eP	08	44.00	-2.5
SUF	21.83	16	iP	09	09.50	-0.8
	0.8s		5.40nm			4.0mb
KJF	23.47	16	eP	09	32.00	5.5X
SOD	26.16	12	eP	09	49.00	-3.1X
	S.D. = 1.1		on 56 of 61 obs.			

? MAY 23, 1985 02h 09m 51.07± 1.03s
66.259 N ±12.2km 149.887 W ± 8.2km
DEPTH = 10.0km (geophysicist)
ALASKA (676)

IMA	1.55	265	eP	10	19.50	0.6
COL	1.62	147	eP	10	20.00	0.3
			i	10	22.70	
			eS	10	40.00	
FBA	1.62	147	eP	10	20.00	0.3
TTA	4.26	221	eP	10	56.60	-0.8
INK	6.66	65	eP	11	31.00	-0.3
	S.D. = 0.8		on 5 of 5 obs.			

• MAY 23, 1985 02h 39m 16.26± 1.03s
5.038 N ±17.3km 123.397 E ±21.2km
DEPTH = 585.4 ± 11.6 km
4.8mb (5 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

PPR	6.60	316	eP	41	02.50	-0.1
	0.9s		230.00nm			5.2mb X
KKM	7.22	278	ePd	41	08.30	-0.1
	0.4s		184.60nm			5.5mb X
WRA	27.06	157	Pc	44	14.60	-0.4
	0.6s		9.30nm			4.6mb
WB2	27.06	157	iPc	44	14.80	-0.3
			eS	48	09.60	
CHG	27.51	302	iPd	44	19.20	0.2
	0.6s		18.33nm			4.9mb
ASPA	30.32	161	eP	44	44.00	0.9
			eS	49	02.00	
SHL	36.44	307	iP	45	34.80	0.5
PKI	42.51	306	eP	46	23.50	0.1
	0.7s		17.00nm			4.7mb
KKN	42.71	306	eP	46	25.10	0.3
	0.6s		28.00nm			5.0mb
HYB	45.55	289	eP	46	46.50	-0.2
GBA	46.08	284	Pd	46	50.20	-0.4
	0.8s		31.00nm			4.9mb
SUF	88.88	333	iP	51	09.20	-0.4
NUR	89.95	331	eP	51	09.00	-5.6X
	S.D. = 0.5		on 12 of 13 obs.			

? MAY 23, 1985 06h 03m 37.18± 1.19s
5.713 S ±18.0km 147.312 E ±25.9km
DEPTH = 179.8 ± 15.3 km
4.7mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.98	198	iPd	04	05.20	0.2
LMG	3.28	165	iPd	04	29.50	-0.4
PMG	3.68	182	iPd	04	35.00	0.3
KVG	4.67	48	eP	04	47.50	0.0
WB2	18.94	221	eP	07	46.00	-1.0
WRA	18.95	221	Pd	07	46.30	-0.8
	0.5s		16.80nm			4.7mb
ASPA	22.03	215	iPd	08	19.70	1.8
			eS	12	12.00	
	S.D. = 1.3		on 7 of 7 obs.			

& MAY 23, 1985 07h 14m 20.90s
37.470 N 118.650 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.1 (PAS).

TIN	0.53	141	iPd	14	30.50	-1.1
			eS	14	38.90	
FRI	0.97	241	eP	14	38.50	-1.2
MNA	1.04	22	eP	14	41.00	0.0
JAS1	1.48	289	eP	14	47.70	-0.3
VPEM	1.66	156	eP	14	51.00	0.2
WKTM	1.68	174	eP	14	51.20	0.2
	6 obs. ossociated					

• MAY 23, 1985 08h 10m 59.09± 0.80s
23.031 S ±15.6km 66.386 W ±11.5km
DEPTH = 237.0 ± 9.6 km
4.1mb (1 obs.)
JUJUY PROVINCE, ARGENTINA (128)

YJA	1.18	44	iPd	11	34.60	-0.1
			S	11	56.80	
SLA	1.88	154	iPc	11	41.20	1.3
			S	12	12.80	
TPZ	2.66	305	iP	11	38.10	-9.8X
			S	12	09.80	
ANT	3.76	259	iPc	11	58.30	-1.7
			iS	12	41.30	
LPB	6.66	346	iPd	12	37.00	0.6
	1.0s		60.00nm			4.6mb X
			(S)	13	51.00	
VAO	17.88	94	eP	14	53.80	0.1
			e	14	56.70	
BAO	18.84	70	eP	15	04.20	0.5
			e	15	04.60	
SOB1	28.02	65	eP	16	29.20	-1.3
	0.3s		14.50nm			5.1mb X
			e	16	30.70	
ITR	30.32	67	eP	16	49.20	-1.6
ALQ	69.06	326	eP	21	42.00	0.6
	0.9s		3.78nm			4.1mb
YKA	93.41	340	eP	23	49.60	1.6
	S.D = 1.4		on 10 of 11 obs.			

• MAY 23, 1985 08h 41m 24.92± 1.09s
18.845 N ±16.1km 64.870 W ±10.5km
DEPTH = 33.0km (normal)
VIRGIN ISLANDS (91)
Felt on St. Thomas. Felt also in the San Juan area and at Roosevelt Roads, Puerto Rico.

SJG	1.42	239	iPc	41	48.50	-0.1
SEG	4.02	127	eP	42	24.80	-1.0
MGG	4.47	130	eP	42	32.40	0.2
MDN	4.83	136	eP	42	38.00	0.8
YKA	55.35	334	eP	50	57.80	0.1
	S.D. = 0.9		on 5 of 5 obs.			

MAY 23, 1985 09h 24m 58.49± 0.57s
16.818 N ± 9.1km 91.546 W ± 5.1km
DEPTH = 33.0km (normal)
4.5mb (20 obs.)
MEXICO-GUATEMALA BORDER REGION (62)

VHO	4.98	276	iP	26	13.00	-0.2
IIP	7.45	291	eP	27	03.00	15.0X
TPM	7.47	288	iPd	26	46.00	-2.2
III	7.71	283	eP	26	52.50	0.9
TAC	7.71	291	eP	27	48.00	56.3X
IIC	7.89	293	eP	27	02.00	7.8X
GCM	9.98	74	P	27	21.00	-1.7
JCT	15.55	332	eP	28	36.50	-0.5
	1.0s		11.00nm			4.0mb
LTX	16.70	320	eP	28	52.00	0.2
	1.1s		9.41nm			3.8mb
BHO	17.74	351	eP	29	03.50	-1.1
PRM	19.07	24	eP	29	22.00	1.1
OCO	19.37	345	eP	29	24.00	-0.4
TUL	19.39	350	eP	29	23.20	-1.4
	1.1s		35.00nm			4.5mb
			e	32	40.80	
RSCP	19.45	15	eP	29	24.30	-1.6
	1.0s		24.00nm			4.4mb
RLO	19.52	352	eP	29	25.00	-1.1
BOG	20.99	123	eP	29	47.00	5.0X
FVM	21.11	2	eP	29	44.10	1.5
	1.1s		18.29nm			4.4mb
ALQ	22.44	326	eP	29	56.00	-0.2
	1.2s		10.55nm			4.2mb
GLD	25.76	335	eP	30	30.00	1.8
	1.1s		38.57nm			4.9mb
GOL	25.78	335	eP	30	28.50	0.1
	1.1s		16.03nm			4.5mb
GLA	26.49	312	eP	30	36.00	1.2
BDW	30.10	333	eP	31	09.20	1.7
	1.0s		2.40nm			3.9mb
			e	31	28.50	
EUR	31.02	322	iP	31	16.20	0.6
	0.8s		1.47nm			3.8mb
RSNY	31.14	24	eP	31	16.80	0.4
LRM	33.78	333	eP	31	40.00	0.4
ORV	34.52	317	eP	31	45.00	-0.8
NEW	37.70	332	P	32	12.00	-0.6
	1.0s		5.00nm			4.3mb
FFC	38.68	350	eP	32	20.00	-0.7
	1.4s		15.00nm			4.6mb
PNT	39.60	331	eP	32	29.00	0.5
	1.2s		25.00nm			4.9mb
EDM	40.14	340	ePc	32	33.40	0.5
PHC	44.33	328	eP	33	08.50	1.4
YKC	48.36	346	eP	33	38.00	-0.8

23d 09h

YKA	48.41	346	eP	33	38.90	-0.2
BAO	53.72	125	e(P)	34	17.00	-3.1X
SOB1	56.37	114	e(P)	34	38.00	-1.3
COL	60.85	336	eP	35	08.00	-1.8
MBC	61.19	353	eP	35	11.00	-0.9
EKA	75.44	36	P	36	41.00	0.2
	1.4s	13.20nm			4.7mb	
LPF	78.03	43	eP	36	55.80	0.5
GRR	78.07	43	eP	36	56.30	0.7
	1.2s	11.40nm			4.8mb	
FLN	78.24	43	eP	36	57.30	0.8
LDF	78.51	43	eP	36	58.60	0.6
MFF	78.92	45	eP	37	00.70	0.4
	1.1s	9.70nm			4.7mb	
EPF	80.07	48	eP	37	06.90	0.2
	1.3s	18.00nm			4.9mb	
LSF	80.13	45	eP	37	07.10	0.2
LPS	80.27	46	eP	37	08.00	0.3
RJF	80.35	46	eP	37	08.40	0.3
	1.2s	11.90nm			4.8mb	
SSF	81.25	44	eP	37	13.10	0.4
LOR	81.42	43	eP	37	13.90	0.2
	1.2s	5.90nm			4.5mb	
LBF	81.58	44	eP	37	14.50	0.0
	1.2s	6.60nm			4.5mb	

S.D. = 1.0 on 45 of 50 obs.

MAY 23, 1985 10h 18m 24.25± 0.69s
36.264 S ±10.7km 73.141 W ± 7.5km
DEPTH = 33.0km (normal)
4.5mb (5 obs.)
NEAR COAST OF CENTRAL CHILE (135)

CHCH	3.09	42	iPd	19	12.70	0.7
TACH	3.17	35	iP	19	13.20	0.2
PCH	3.41	40	iPc	19	16.70	0.2
SAN	3.47	37	iPc	19	17.50	0.2
			iS	20	09.50	
BACH	3.63	38	iP	19	19.40	-0.2
PEL	3.71	34	iPd	19	21.10	0.4
RFA	4.09	70	ePd	19	27.70	1.5
			S	20	32.80	
MDZ	4.89	48	eP	19	38.50	1.1
			iS	19	52.20	
MDZ	4.89	48	eP	20	31.50	54.1X
			iS	21	03.10	
RTCV	5.82	42	ePd	19	54.00	3.4X
RTCB	5.98	38	ePd	19	53.00	0.1
ZON	5.99	40	eP	19	56.00	3.0X
CFA	6.18	43	e(P)	19	54.00	-1.6
			S	20	42.50	
RTLL	6.27	40	ePc	19	55.70	-1.2
SLA	13.25	32	ePc	21	32.00	-0.7
TPZ	15.24	16	eP	22	10.00	10.9X
			e	22	15.00	
YJA	15.54	27	ePc	22	02.80	-0.2
ARE	19.78	5	eP	22	55.00	0.1
LPB	20.16	14	P	23	00.00	0.9
			LR	31	16.00	
VAO	26.21	67	eP	23	58.20	0.2
BAO	30.39	54	eP	24	33.80	-2.0
PRM	70.51	352	eP	29	37.00	-0.5
JCT	70.96	336	eP	29	41.00	0.6
	1.0s	6.50nm			4.6mb	
LTX	71.29	332	eP	29	43.00	0.6
	1.0s	2.00nm			4.1mb	
RSCP	72.43	349	eP	29	48.50	-0.5
	1.0s	22.00nm			5.1mb	
FVM	75.59	346	eP	30	07.00	-0.3
KC	76.65	72	iP	30	13.80	0.0
ALQ	77.35	332	eP	30	18.00	0.6
	1.1s	6.96nm			4.6mb	
RMU	80.97	330	P	30	40.00	3.1X
RMU	80.97	330	eP	30	36.00	-0.9
RSSD	84.78	338	e(P)	31	00.00	3.6X
BDW	85.39	334	eP	31	01.00	1.5
	1.0s	2.00nm			4.3mb	
ORV	87.61	325	eP	31	15.00	4.9X
RSON	88.62	347	eP	31	14.30	-0.4
GBA	145.30	123	PKPc	38	00.10	-0.5
	0.3s	9.30nm				
HYB	148.71	119	iPKPc	38	10.00	3.8X
	0.8s	19.20nm				

S.D. = 0.9 on 28 of 36 obs.

* MAY 23, 1985 11h 14m 04.69± 0.94s
37.025 S ±14.0km 144.561 E ± 7.9km
DEPTH = 33.0km (normal)
NEAR S.E. COAST OF AUSTRALIA (603)

TOO	0.92	127	iPc	14	21.10	-0.2
			eS	14	32.00	
WKA	3.46	279	P	14	57.60	0.1
WAM	3.58	78	iPd	14	59.80	0.6
			eS	15	53.70	
CAN	3.97	66	eP	15	04.70	-0.2
			eS	16	04.70	
YOU	4.15	50	eP	15	07.00	-0.3
			eS	16	11.00	

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

* MAY 23, 1985 11h 21m 36.19± 0.92s
11.787 N ±14.1km 88.157 W ± 9.4km
DEPTH = 33.0km (normal)
4.6mb (13 obs.)
OFF COAST OF CENTRAL AMERICA (76)

VHO	9.91	304	iP	23	59.00	-0.7
GIE	12.62	190	(PKP)	24	50.30	14.1X
TPM	12.71	306	iPc	24	38.00	0.3
JCT	21.51	332	iP	26	23.10	-1.4
	0.9s	25.21nm			4.6mb	
LTX	22.66	323	eP	26	36.00	0.0
	1.0s	24.00nm			4.6mb	
PRM	22.82	12	iP	26	40.20	2.8X
BHO	23.31	346	eP	26	42.50	0.4
RSCP	23.82	5	iP	26	48.50	1.3
	0.8s	21.28nm			4.7mb	
TUL	24.99	345	eP	26	58.00	-0.4
	0.9s	40.40nm			5.0mb	
RLO	25.05	347	eP	26	59.40	0.4
OCO	25.10	342	eP	26	59.40	0.0
FVM	26.17	356	eP	27	09.00	-0.4
ALQ	28.42	327	eP	27	30.30	0.1
	1.1s	4.75nm			4.1mb	
GLD	31.69	334	eP	27	59.00	-0.2
	1.1s	21.22nm			4.9mb	
GOL	31.71	334	eP	28	00.00	0.6
	1.0s	8.50nm			4.6mb	
GLA	32.32	315	iP	28	06.00	1.4
RMU	32.47	325	eP	28	12.00	6.0X
RSNY	34.68	17	eP	28	26.30	1.4
	1.0s	8.00nm			4.6mb	
RSSD	35.00	340	eP	28	28.80	0.9
	1.0s	5.50nm			4.4mb	
BDW	36.05	333	eP	28	37.80	1.0
	1.0s	3.80nm			4.3mb	
LHC	36.53	359	eP	28	39.00	-1.4
			pP	29	30.50	246kmX
EUR	36.99	323	eP	28	45.50	0.8
	0.8s	0.44nm			3.4mb X	
RSON	39.22	354	iP	29	03.50	0.5
	0.8s	14.08nm			4.8mb	
LRM	39.72	333	eP	29	07.90	0.4
SES	42.83	339	eP	29	33.00	0.2
FFC	44.20	349	iPc	29	43.80	0.1
	0.8s	8.00nm			4.6mb	
EDM	45.98	339	iPc	29	55.70	-2.3
SCH	46.11	17	eP	29	58.50	-0.5
BAO	48.20	124	e(P)	30	16.00	0.0
FRB	53.70	11	eP	30	56.00	-0.8
YKC	54.02	345	eP	30	58.00	-1.2
YKA	54.07	345	eP	30	59.40	-0.2
INK	63.61	343	eP	32	06.00	0.2
MBC	66.58	352	eP	32	24.00	-0.8
DAG	73.93	13	iPd	33	09.90	0.5
	0.6s	6.67nm			4.8mb	
WB2	138.41	253	ePKP	41	13.10	12.0X
WRA	138.42	253	PKPd	41	13.00	11.9X
	0.6s	1.30nm				
BDT	150.30	346	ePKP	41	31.20	10.2X
GBA	151.01	30	PKPc	41	30.50	8.3X
	0.7s	16.70nm				

S.D. = 0.9 on 32 of 39 obs.

* MAY 23, 1985 11h 33m 14.74± 0.73s
12.084 N ±11.1km 88.260 W ± 8.3km
DEPTH = 33.0km (normal)
4.7mb (15 obs.)
OFF COAST OF CENTRAL AMERICA (76)

VHO	9.67	303	iP	35	34.00	-0.9
TPM	12.46	305	iPc	36	13.00	0.1
III	12.49	301	ePc	36	13.50	0.2
JCT	21.20	331	iP	37	58.30	-1.6
	0.9s	46.22nm			4.9mb	
LTX	22.37	322	eP	38	12.00	0.3
	1.0s	22.00nm			4.6mb	
PRM	22.55	13	iP	38	16.30	3.0X
BHO	23.00	346	eP	38	18.70	1.0
RSCP	23.54	5	eP	38	24.30	1.3
	1.0s	40.00nm			4.9mb	
TUL	24.68	345	eP	38	33.50	-0.5
	1.1s	77.30nm			5.2mb	
RLO	24.74	347	e(P)	38	34.90	0.3
OCO	24.78	342	eP	38	35.80	0.8
FVM	25.86	356	eP	38	45.00	-0.1
ALQ	28.12	327	eP	39	07.00	1.0
	1.2s	7.81nm			4.3mb	
GLD	31.38	334	eP	39	36.00	1.0
	1.0s	32.00nm			5.1mb	
GOL	31.40	334	eP	39	35.50	0.2
	1.0s	15.00nm			4.8mb	
GLA	32.04	315	iP	39	42.00	1.3
RMU	32.17	325	eP	39	46.00	4.1X
RSNY	34.43	17	eP	40	02.50	1.2
	1.0s	10.00nm			4.7mb	
RSSD	34.69	340	eP	40	04.80	1.0
	1.1s	7.56nm			4.5mb	
LPB	34.73	145	(P)	40	05.00	0.5
			LR	52	24.00	
BDW	35.74	333	eP	40	11.90	-0.8
	0.9s	4.27nm			4.4mb	
EUR	36.69	323	iP	40	25.20	4.4X
	0.8s	2.51nm			4.1mb	
RSON	38.92	355	iP	40	38.30	-0.8
	0.9s	20.17nm			4.9mb	
LRM	39.41	333	eP	40	44.00	0.5
SES	42.52	338	ePc	41	09.00	0.2
FFC	43.89	349	iPc	41	19.80	0.0
	1.0s	11.00nm			4.6mb	
PNT	45.26	331	eP	41	31.00	0.1
	0.9s	10.00nm			4.7mb	
EDM	45.67	339	ePc	41	33.50	-0.6
SCH	45.86	17	ePc	41	35.00	-0.5
FRB	53.43	11	eP	42	32.00	-1.4
YKC	53.71	345	eP	42	34.00	-1.5
YKA	53.76	345	eP	42	35.50	-0.3
INK	63.30	343	eP	43	42.00	-0.3
MBC	66.27	352	eP	44	01.00	-0.4
COL	66.44	336	eP	44	02.00	-0.7
DAG	73.66	13	iPd	44	46.00	-0.5
	0.6s	4.00nm			4.6mb	
MOX	86.93	39	e(P)	46	16.00	18.3X
SBA	104.88	192	e(Pdif	47	12.60	-6.5X
WB2	138.39	254	ePKP	52	47.70	8.1X
WRA	138.41	254	PKP	52	50.00	10.4X
	0.7s	1.50nm				
LOE	149.08	341	ePKP	53	04.00	6.2X
GBA	150.80	30	PKPd	53	08.80	8.4X
	0.2s	4.40nm				

S.D. = 0.8 on 33 of 42 obs.

? MAY 23, 1985 11h 42m 34.29± 2.57s
11.926 N ±36.1km 88.260 W ± 8.8km
DEPTH = 33.0km (normal)
4.8mb (3 obs.)
OFF COAST OF CENTRAL AMERICA (76)

VHO	9.75	304	iP	44	56.00	0.4
TPM	12.55	305	iPc	45	33.50	-0.1
III	12.57	302	eP	45	34.00	0.0
JCT	21.34	332	iP	47	19.90	-1.0
	1.0s	45.00nm			4.8mb	
LTX	22.49	323	eP	47	32.50	0.1
	1.0s	12.00nm			4.3mb	
BHO	23.15	346	eP	47	39.20	0.5
TUL	24.83	345	eP	47	55.20	0.2
	0.9s	53.30nm			5.1mb	
RLO	24.90	347	eP	47	55.50	-0.1
OCO	24.93	342	eP	47	55.80	-0.2
MNT	35.72	18	eP	49	33.00	1.3
LRM	39.55	333	eP	50	04.30	0.1
SES	42.67	339	eP	50	30.00	0.5
EDM	45.81	339	ePd	50	54.70	-0.1
SCH	46.01	17	eP	50	56.00	-0.3
FRB	53.58	11	eP	51	53.00	-1.1
YKC	53.86	345	eP	51	55.00	-1.2
YKA	53.91	345	eP	51	56.50	0.0
INK	63.45	343	eP	53	04.00	1.1
COL	66.59	336	eP	53	23.00	-0.2

GBA 150.94 30 PKPc 02 30.60 10.4X
0.7s 6.30nm
S.D. = 0.7 on 19 of 20 obs.

& MAY 23, 1985 11h 45m 39.30s
38.798 N 122.813 W
DEPTH = 4.0km
4.1mb (1 obs.)
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.2 (BRK). Felt at The Geysers.

NWRM	0.35	190	eP	45 46.20	0.0
GAS	0.86	5	eP	45 56.60	0.1
ZSP	0.96	153	eP	45 57.20	-0.9
BRK	1.02	155	eP	45 58.00	-1.1
			eS	46 13.70	
BKS	1.03	154	eP	45 58.40	-0.9
			i(Pg)	46 04.00	
			iS	46 12.30	
			i(Sg)	46 18.70	
ORV	1.27	53	eP	46 01.60	-1.8
PCC	1.34	165	eP	46 02.60	-2.0
			e	46 04.60	
MHC	1.72	147	eP	46 08.80	-1.5
ARN	1.76	145	eP	46 08.50	-2.4
WDC	1.79	7	eP	46 10.80	-0.4
MIN	1.81	31	eP	46 10.00	-1.6
GCC	1.88	160	e(P)	46 12.20	-0.3
JAS1	2.07	114	eP	46 13.40	-1.9
			eS	46 39.20	
SLD	2.13	143	e(P)	46 12.50	-3.7
FHC	2.20	336	eP	46 24.90	7.8
WCN	2.43	77	eP	46 19.50	-1.2
FRI	3.05	125	eP	46 28.80	-0.4
EUR	5.36	81	IP	47 02.30	0.0
	0.5s		2.39nm		4.1mb
FFC	21.26	35	eP	50 40.00	11.4
	0.8s		6.00nm		
	19 obs. associated				

• MAY 23, 1985 11h 53m 28.57± 0.89s
23.011 S ±16.4km 66.681 W ±11.5km
DEPTH = 232.3 ± 12.7 km
3.7mb (1 obs.)
JUJUY PROVINCE, ARGENTINA (128)

YJA	1.37	53	iPc	54 05.00	-0.1
			S	54 31.00	
SLA	2.03	148	iPc	54 10.20	-0.1
			S	54 40.00	
TPZ	2.43	309	iPc	54 09.20	-5.5X
			iS	54 40.30	
ANT	3.50	258	iPd	54 26.30	0.2
			iS	55 07.60	
LPB	6.58	348	iP	55 08.10	3.3X
	1.0s		200.00nm		5.1mb X
ARE	7.93	324	eP	55 22.00	-0.1
			iS	56 49.00	
VAO	18.15	94	e(P)	57 29.00	2.7X
BAO	19.09	71	eP	57 37.30	1.2
ITR	30.57	67	eP	59 21.70	-1.1
	0.6s		1.10nm		3.7mb
	S.D. = 1.2		on 6 of	9 obs.	

? MAY 23, 1985 12h 00m 17.29± 1.53s
66.254 N ±16.5km 149.874 W ±12.3km
DEPTH = 10.0km (geophysicist)
ALASKA (676)

IMA	1.56	265	eP	00 46.70	1.5
COL	1.61	147	eP	00 45.00	-0.8
			i	00 47.90	
			eS	01 06.00	
FBA	1.61	147	eP	00 46.70	0.9
TTA	4.26	221	eP	01 20.80	-2.9
PWA	4.62	180	eP	01 31.70	3.0X
PME	4.66	175	eP	01 32.20	2.9X
PMS	5.03	178	eP	01 36.40	1.8
SVW	5.76	209	eP	01 40.50	-4.4X
INK	6.66	65	eP	01 57.00	-0.5
	S.D. = 2.3		on 6 of	9 obs.	

MAY 23, 1985 12h 19m 14.74± 1.05s
43.388 N ±10.6km 24.748 E ±18.6km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PLD	1.28	181	iPgd	19 39.00	0.5
VTS	1.38	236	ePg	19 40.00	0.0
DIM	1.48	155	eP	19 50.00	8.7X
JMB	1.63	124	eP	20 01.00	17.4X
KDZ	1.80	165	iP	19 51.00	4.9X
MMB	1.95	203	iPgd	19 47.00	-1.3
CLO	2.19	321	eP	20 02.00	10.3X
MLR	2.27	22	iPd	19 53.00	0.0
VAY	2.62	219	iPn	19 58.60	0.8
SKO	2.82	241	ePn	20 08.50	7.8X
	S.D. = 1.1		on 5 of	10 obs.	

& MAY 23, 1985 12h 48m 55.49s
59.338 N 153.729 W
DEPTH = 119.8km
SOUTHERN ALASKA (2)
<AGS-P>.

AUH	0.15	80	eP	49 11.44	0.7
AUI	0.15	91	iP	49 11.39	0.8
AUL	0.16	74	iPd	49 11.30	0.6
OPT	0.41	39	eP	49 12.50	-0.7
CDD	0.41	174	iPd	49 11.30	-1.9
ILM	0.96	28	eP	49 16.92	-0.6
RED	1.19	24	ePd	49 19.30	-0.5
CNPM	1.29	81	eP	49 19.70	-1.2
RDT	1.41	28	iP	49 21.53	-0.7
			eS	49 41.64	
BRLK	1.51	72	iP	49 22.16	-1.3
			eS	49 43.33	
NKA	1.88	40	eP	49 30.08	2.2
SVW	2.01	333	iP	49 28.40	-1.2
SPU	2.03	24	eP	49 29.08	-0.7
			eS	49 56.02	
CRP	2.09	21	eP	49 30.16	-0.5
SLKM	2.12	55	eP	49 30.31	-0.7
SEW	2.30	69	eP	49 32.12	-1.1
MPA	2.48	60	eP	49 34.57	-1.0
			eS	50 03.78	
SUA	2.60	34	eP	49 36.68	-0.5
PTE	2.81	55	iP	49 38.96	-0.9
			eS	50 10.00	
PMS	2.82	46	eP	49 39.00	-1.1
			eS	50 11.43	
SKT	2.86	21	eP	49 39.82	-0.8
PWA	3.00	38	eP	49 41.45	-1.0
PLRM	3.21	43	eP	49 43.63	-1.6
KNK	3.34	49	eP	49 45.73	-1.3
			eS	50 22.93	
MSE	3.44	41	eP	49 45.95	-2.5
			eS	50 25.68	
CFI	3.50	56	eP	49 48.41	-0.7
GLI	3.66	62	eP	49 49.55	-1.8
FID	3.90	66	eP	49 51.78	-2.8
VZW	3.98	61	eP	49 53.76	-1.9
KMP	4.83	59	eP	50 05.81	-1.5
	30 obs. associated				

? MAY 23, 1985 13h 08m 57.79± 6.89s
39.536 N ±54.7km 22.930 E ±14.2km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT	0.66	329	ePgc	09 09.70	-1.2
			eSg	09 24.10	
PAIG	0.70	56	ePg	09 11.60	0.0
OUR	1.14	45	ePb	09 18.50	-0.5
			eSb	09 39.70	
SOH	1.32	14	ePb	09 22.10	-0.2
			eSb	09 43.40	
GRG	1.48	344	ePb	09 24.50	0.1
			eSb	09 48.00	
VAY	1.80	351	ePn	09 31.00	1.9
OHR	2.27	315	ePn	09 40.70	4.8X
	S.D. = 1.3		on 6 of	7 obs.	

? MAY 23, 1985 13h 14m 04.13±13.48s
57.896 N ±103.km 5.725 E ±48.8km
DEPTH = 10.0km (geophysicist)
NORTH SEA (534)
DUR 2.5 (BER).

KMY	1.34	349	iPn	14 29.50	0.7
			eSn	14 45.00	
ODD	2.12	13	iPn	14 40.50	0.4
			eSn	15 01.50	
ASK	2.61	354	iPn	14 47.00	0.0
			eSn	15 14.50	
SUE	3.21	352	iPn	14 55.50	0.0
			eSn	15 28.00	
HYA	3.29	4	iPn	14 55.80	-0 9
			eSn	15 32.20	
	S.D. = 0.8		on 5 of	5 obs.	

MAY 23, 1985 14h 05m 18.51± 0.48s
5.302 S ± 6.8km 143.362 E ± 8.8km
DEPTH = 33.0km (normal)
5.2mb (7 obs.)
PAPUA NEW GUINEA (202)

WEW	1.76	9	eP	05 46.00	-1 1
MDG	2.41	89	e(P)	06 02.00	5.6X
LAT	3.86	111	iPd	06 17.00	0.0
MOM	5.17	51	eP	06 36.00	0.3
PMG	5.55	138	eP	06 45.50	4.5X
LMG	5.95	127	e(P)	07 34.00	47.2X
MTN	14.21	237	eP	08 36.00	-3.6X
CTA	14.96	169	eP	09 07.00	17.5X
AAI	15.21	275	eP	09 56.50	3.9X
WB2	16.99	210	eP	09 14.20	-1.2
			i	09 16.00	
			eS	12 13.30	
WRA	17.00	210	Pc	09 13.00	-2.5
	0.5s		7.10nm		4.1mb X
KNA	17.70	233	eP	09 23.00	-1.2
ASPA	20.41	206	eP	09 57.00	1.4
			eS	13 40.00	
WBN	26.21	216	eP	10 54.00	1.7
MAT	41.90	354	iPd	13 05.80	-1.7
	0.9s		9.24nm		4.5mb
SSE	41.94	331	Pd	13 08.00	0.1
	1.0s		18.00nm		4.8mb
GYA	47.54	313	eP	13 55.00	1.9
KMI	49.73	309	eP	14 11.00	0.8
SNY	50.26	341	Pd	14 13.20	-0.4
XAN	50.89	323	Pd	14 18.00	-0 7
MDJ	51.21	347	eP	14 20.20	-0 6
CN2	51.48	343	eP	14 21.80	-1 1
BJI	51.60	333	eP	14 22.50	-1.3
CD2	52.23	316	P	14 29.30	0.4
PKI	64.74	304	eP	15 56.80	0.2
	0.8s		12.00nm		5.0mb
KKN	64.92	304	eP	15 58.20	0.5
	0.8s		50.00nm		5.7mb
DMN	65.00	304	eP	15 59.10	0.9
	0.8s		46.00nm		5.6mb
GBA	68.07	287	Pc	16 19.10	1.6
	0.5s		17.70nm		5.4mb
WMO	69.93	320	Pc	16 28.00	-0.7
QUE	80.99	302	eP	17 33.00	1.0
COL	85.97	24	iP	17 56.60	0.2
	0.8s		12.31nm		5.2mb
YKA	100.23	27	ePdiff	19 04.10	1.6
KIC	148.25	274	ePKP	25 05.20	4.7X
	S.D. = 1.2		on 26 of	33 obs.	

• MAY 23, 1985 14h 43m 41.67± 1.19s
36.418 N ±11.3km 22.124 E ± 6.8km
DEPTH = 66.9 ± 13.3 km
3.6mb (3 obs.)
SOUTHERN GREECE (368)

ATH	2.01	39	ePn	44 13.50	-0 4
			eSn	44 41.00	
VLS	2.14	326	ePb	44 15.80	0 0
			eSb	44 43.20	
NPS	3.06	111	ePb	44 30.00	1.3
LIT	3.69	4	ePn	44 39.70	2.2
PAIG	3.71	19	ePnc	44 36.50	-1 3
KZN	3.89	356	ePb	44 42.50	2 1
OUR	4.17	20	ePnc	44 42.90	-1.4
			eSn	45 45.10	
PRK	4.33	48	ePn	44 44.70	-1.8
SOH	4.50	12	ePn	44 48.90	0.0
IZM	4.54	63	eP	4 49.00	-0.6
KNT	4.77	7	ePn	44 53.00	0.2
OHR	4.80	348	ePn	44 57.20	4.1X
SRS	4.83	13	ePnc	44 53.20	-0 3
VAY	4.91	4	iPn	44 55.00	0.4
YER	5.00	80	eP	44 59.00	3.1X
LCI	5.10	321	ePn	44 54.50	-2.8X
			eSn	45 51.00	
SKO	5.57	355	ePn	45 05.50	1.6
ORI	5.75	311	ePn	45 06.00	-0.4

23d 14h

			eSn	46 07.00		
GIB	6.66	286	ePn	45 19.00	-0.1	
			eSn	46 35.00		
SGO	6.76	311	ePn	45 19.70	-0.6	
			e(Sn)	46 25.50		
DUI	7.93	314	ePn	45 36.00	-0.6	
			eSn	47 02.50		
MLR	9.51	16	eP	46 05.00	6.6X	
CEY	10.97	330	eP	46 27.70	9.6X	
			eS	48 22.90		
VOY	11.42	330	ePn	46 22.00	-2.2	
			eS	46 22.10		
KHC	14.16	336	eP	47 01.50	1.3	
CLL	16.25	339	e(P)	47 32.00	5.1X	
HFS	24.35	350	eP	48 53.60	-0.6	
	0.3s		0.80nm		3.7mb	
NB2	25.60	348	P	49 06.90	0.9	
	0.5s		1.00nm		3.6mb	
EKA	25.60	326	Pg	49 08.70	2.7X	
	0.7s		1.60nm		3.6mb	
SUF	26.45	4	iP	49 13.80	0.1	

S.D = 1.3 on 23 of 30 obs.

MAY 23, 1985 16h 02m 22.50± 0.60s
36.575 N ± 4.4km 22.208 E ± 2.7km
DEPTH = 39.2 ± 5.5 km
4.8mb (53 obs.) 4.9Msz (2 obs.)
SOUTHERN GREECE (368)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 25C
Centroid Location:
Origin Time 16:02:27.2 0.6
Lat 36.99N 0.09 Lon 22.81E 0.10
Dep 22.1 5.6 Half-duration 1.6
Moment Tensor; Scale 10**23 D-CM
Mrr=-2.43 0.42 Mtt= 0.86 0.53
Mff= 1.57 0.39 Mrt=-5.03 1.36
Mrf= 2.36 1.01 Mtf= 6.45 0.55
Principal Axes:

	Val	Plg	Azm
T	8.03	12	138
N	1.32	50	242
P	-9.36	38	39

Best Double Couple:Mo=8.7*10**23
NP1:Strike=186 Dip=55 Slip=-159
NP2: 83 73 -37

ATH	1.84	40	iPnd	02 53.70	1.5	
			eSn	03 26.50		
VLS	2.05	322	ePn	02 57.00	1.7	
			eSn	03 32.10		
NPS	3.06	114	ePg	03 10.00	0.5	
LIT	3.53	4	ePn	03 19.00	2.8X	
PAIG	3.54	19	ePn	03 17.90	1.5	
KZN	3.74	355	ePn	03 22.20	2.9X	
			ePg	03 43.60		
OUR	4.00	20	ePnd	03 24.00	1.0	
			eSn	04 12.60		
THE	4.09	8	ePnd	03 24.00	-0.2	
THE	4.09	8	ePn	03 26.20	2.0	
PRK	4.18	49	ePn	03 25.20	-0.2	
SOH	4.33	12	ePn	03 30.30	2.6X	
GRG	4.38	2	ePn	03 30.40	2.1X	
IZM	4.41	64	iPn	03 28.80	0.0	
EZN	4.59	44	iP	03 30.60	-0.7	
KNT	4.61	6	ePn	03 34.70	3.1	
			eSn	04 29.50		
OHR	4.66	347	iPn	03 34.10	1.7	
SRS	4.66	13	ePn	03 33.20	0.9	
VAY	4.75	3	iPn	03 34.00	0.5	
YER	4.90	82	iP	03 38.10	2.3	
LCI	5.02	320	iPnd	03 36.30	-1.0	
			iSn	04 37.00		
MMB	5.14	13	iP	03 39.00	-0.1	
SKO	5.42	354	iPn	03 53.00	10.0X	
Z	11s		24.60um			
N	11s		9.40um			
E	10s		40.00um			
			iPg	04 06.40		
			iSn	04 49.40		
			i	04 54.50		
			i	04 59.00		
			iSb	05 09.00		
KGT	5.56	44	iP	03 45.00	0.0	
KDZ	5.62	25	iP	03 46.00	0.3	
ORI	5.70	309	ePn	03 47.30	0.4	
			iSn	04 54.00		
MFT	5.78	42	iP	03 49.00	0.8	
BRT	5.81	319	iPnc	03 47.40	-1.0	
			eSn	04 51.00		
EDC	5.82	48	iP	03 48.80	0.2	
PLD	5.85	19	eP	03 51.00	2.0	
DST	5.90	57	iP	03 49.80	0.0	
KCT	6.06	51	iP	03 51.80	-0.3	
VTS	6.07	7	iP	03 54.00	2.0	
ELL	6.19	86	iP	03 55.90	1.9	
PVY	6.25	345	ePn	03 55.30	0.5	
			eSn	05 04.50		
BDV	6.27	336	ePn	03 54.00	-1.0	
			e(Sn)	05 02.50		
TTG	6.27	340	ePn	03 54.00	-1.0	
			e(Sn)	05 04.00		
HCY	6.53	335	ePn	03 56.50	-2.0	
			e(Sn)	05 06.00		
IVA	6.54	345	ePn	03 59.00	0.3	
			eSn	05 11.00		
CTT	6.66	45	eP	04 00.00	-0.5	
GIB	6.68	285	iPnc	03 59.60	-1.2	
			eSn	05 07.50		
SGO	6.71	308	iPnd	04 01.10	0.0	
			iSn	05 06.50		
ALT	6.73	66	iP	04 03.00	1.5	
BCK	6.76	80	iP	04 05.70	3.7X	
DMK	6.78	38	iP	04 01.10	-1.0	
JMB	6.79	29	iP	04 02.00	-0.1	
BRY	6.92	337	ePn	04 02.50	-1.6	
			eSn	05 17.00		
PVL	6.95	18	iPc	04 05.00	0.6	
ISK	6.98	48	eP	04 02.50	-2.3	
PLE	7.08	343	ePn	04 05.00	-1.4	
			eSn	05 19.00		
DUI	7.88	313	iPnd	04 17.30	-0.1	
			eSn	05 48.00		
SRE	8.11	5	eP	04 30.00	9.3X	
CGN	8.12	20	eP	04 20.00	-0.7	
BUC1	8.29	19	ePc	04 20.00	-3.1X	
BUC	8.37	20	eP	04 24.00	-0.2	
PSN	8.44	31	iP	04 25.00	-0.2	
CLO	8.50	3	ePd	04 26.00	0.0	
COZ	8.88	10	ePd	04 33.00	1.5	
CMP	8.94	13	ePc	04 52.00	19.8X	
TLB	9.15	27	ePd	04 35.00	0.1	
CSS	9.18	97	e(P)	04 35.50	0.0	
			e	06 10.50		
DEV	9.31	3	iPd	04 40.00	2.8X	
MLR	9.34	16	ePd	04 38.00	0.2	
CFR	9.70	26	ePc	04 36.00	-6.6X	
CVO	9.71	17	eP	04 45.00	2.3	
VRI	9.89	19	ePd	04 46.00	0.9	
ODB	9.89	20	eP	04 55.00	9.9X	
HLW	10.16	129	eP	04 50.00	1.0	
			iS	06 28.00		
ZAG	10.35	335	ePn	04 50.40	-1.0	
			iPg	05 39.00		
			iSn	06 40.00		
			iSg	07 50.20		
PPE	10.45	21	eP	04 48.00	-4.8X	
CLI	10.66	19	eP	04 58.00	2.3	
CEY	10.87	330	ePn	04 55.90	-2.6	
			i	04 58.40		
			i	05 07.40		
			eSn	06 50.40		
LJU	11.07	331	eP	04 58.60	-2.7	
			eS	06 58.50		
TRI	11.12	328	ePn	04 59.50	-2.4	
			iSn	06 56.50		
			e	08 52.00		
BHL	11.31	100	P	05 02.00	-2.7	
			S	07 01.00		
VOY	11.32	329	eP	05 01.60	-3.2X	
			i	05 02.50		
			eS	07 03.30		
PSZ	11.46	352	eP	05 04.00	-2.7	
SRO	11.59	347	e(P)	05 09.60	1.3	
JER	11.77	110	eP	05 07.50	-3.4X	
			eS	07 09.00		
SOP	11.86	341	eP	05 09.80	-2.1	
CVF	11.90	304	eP	05 11.90	-0.7	
	1.0s		75.00nm		5.8mb X	
JOS	11.98	355	eP	05 11.80	-1.7	
ZST	12.21	344	eP	05 15.50	-1.1	
			i	05 24.00		
			e	08 38.70		
CTI	12.34	323	ePn	05 15.70	-2.8	
			iSn	07 28.50		
PRNI	12.35	117	eP	05 02.00	-16.6X	
			eS	07 15.00		
KBA	12.39	331	ePn	05 16.50	-2.7	
	1.2s		117.00nm		5.8mb X	
			ic	05 19.50		
			i	05 26.70		
			i	05 29.70		
			i	05 35.60		
			iPgPg	06 14.60		
			iSn	07 15.70		
			i	07 18.60		
			i	07 29.60		
			i	07 36.60		
VKA	12.46	341	eP	05 24.00	4.0X	
			i(PP)	05 35.50		
			i	05 42.40		
			i(S)	07 35.00		
SAL	12.60	319	ePn	05 21.60	-0.2	
			eSn	07 36.00		
BHG	13.10	331	eP	05 26.80	-1.6	
OGA	13.23	324	iPc	05 29.60	-0.8	
OSS	13.53	322	eP	05 35.40	1.1	
KRA	13.57	354	eP	05 32.60	-2.0	
Z	14s		6.10um			
N	14s		3.90um			
E	20s		12.70um			
			e	05 38.60		
			e	05 44.50		
			e	05 51.60		
VDL	13.73	320	eP	05 39.30	2.3	
LMR	13.79	304	eP	05 36.30	-1.3	
	0.7s		8.90nm		4.7mb X	
FRF	13.80	305	eP	05 37.00	-0.6	
	0.7s		11.40nm		4.8mb X	
LRG	13.94	304	eP	05 38.30	-1.2	
	1.0s		29.10nm		5.0mb X	
ORO	14.01	315	ePn	05 38.50	-2.0	
			eSn	08 05.50		
KHC	14.04	336	iPc	05 40.90	0.1	
	1.0s		40.00nm		5.1mb	
N	10s		2.70um			
			e	05 49.40		
			e	08 09.90		
FUR	14.10	329	iPc	05 40.70	-0.9	
LLS	14.23	320	eP	05 45.60	2.1	
MMK	14.27	316	eP	05 45.50	1.4	
WET	14.29	334	eP	05 42.80	-1.2	
PRU	14.51	340	eP	05 47.00	0.1	
Z	11s		9.90um			
N	11s		7.70um			
E	10s		5.30um			
			e	06 02.50		
			e	08 28.00		
DIX	14.60	315	eP	05 50.00	1.6	
EMS	14.87	314	eP	05 52.70	0.9	
KSP	14.88	345	eP	05 54.00	2.2	
	0.9s		80.00nm		5.0mb X	
			id	05 58.40		
ZUL	14.95	321	eP	05 54.10	1.4	
SLE	15.09	322	eP	05 56.30	1.8	
RTB	15.26	98	ePc	05 58.00	1.3	
			e	08 54.00		
			ePcP	09 08.50		
			eS	10 18.50		
			eSS	11 46.00		
			eLR	12 51.00		
GRF	15.34	332	eP	05 57.90	0.1	
	1.3s		18.00nm		4.1mb	
Z	20s		4.80um			
			e	06 02.20		
			e	06 04.30		
			e	06 10.30		
BUH	15.84	324	eP	06 07.10	2.8X	
MOX	16.00	335	eP	06 07.00	0.9	
Z	13s		6.30um			
N	16s		5.00um			
E	16s		5.30um			
			eS	09 05.00		
			eLR	10 00.00		
BSF	16.00	319	eP	06 05.70	-0.6	
	1.0s		96.20nm		4.9mb	
CDF	16.13	322	eP	06 07.90	0.0	
CLL	16.13	339	eP	06 11.00	3.2X	
	1.9s		110.00nm		4.7mb	
			i	06 18.40		
			eS	09 14.00		

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HAU    16.34 319 eP    06 10.40  -0.1
       1.0s    80.70nm          4.8mb
GWF    16.34 324 eP    06 12.20   1.6
MSL    16.85  84 eP    06 16.80  -0.2
SMF    16.99 312 eP    06 17.50  -1.2
       0.7s    18.00nm          4.3mb
LBF    17.08 313 eP    06 19.20  -0.7
       0.9s    21.20nm          4.3mb
LOR    17.29 314 eP    06 21.20  -1.3
       0.8s    21.40nm          4.3mb
AVF    17.35 312 eP    06 22.50  -0.7
       0.8s    15.30nm          4.2mb
CAF    17.36 305 eP    06 23.70   0.3
       1.4s    67.00nm          4.6mb
SSF    17.39 313 eP    06 23.40  -0.4
       1.0s    70.80nm          4.8mb
MLS    17.43 298 eP    06 07.10 -17.1X
WLF    17.51 323 P     06 31.00   5.8X
               S       09 51.00
BGF    17.55 311 eP    06 24.30  -1.3
       0.7s    22.20nm          4.4mb
MZF    17.55 309 eP    06 25.10  -0.6
       1.3s    70.10nm          4.6mb
GRC    17.77 313 ePd   06 26.80  -1.6
               i       06 28.80
               i       06 39.00
TCF    17.82 309 eP    06 28.00  -1.0
       1.2s    56.10nm          4.6mb
LPO    17.86 303 eP    06 30.10   0.6
RJF    17.86 306 eP    06 30.10   0.5
       1.2s    55.90nm          4.6mb
EPF    17.97 298 eP    06 32.00   1.0
       1.0s    32.00nm          4.4mb
LFF    18.25 304 eP    06 34.20  -0.1
       0.7s    15.10nm          4.3mb
ENN    18.38 326 eP    06 37.00   1.2
       1.4s   200.00nm          5.1mb
BHD    18.48  94 ePc   06 37.00  -0.2
               eS      10 04.00
               eSS     10 35.00
               eLR     15 34.00
               e       16 32.50
DOU    18.56 322 P     06 40.00   2.0
    Z  10s     4.30um
               e       06 53.80
               S       10 08.00
WTS    18.89 330 eP    06 44.00   2.0
       1.2s    80.00nm          4.8mb
UCC    19.13 324 P     06 53.00   8.1X
               S       10 28.00
TAB    19.23  78 eP    06 45 v0  -1.4
MFF    19.43 308 eP    06 49.10   0.7
       0.8s    30.60nm          4.6mb
WIT    19.57 331 eP    07 02.50  12.7X
DBN    19.65 328 eP    06 54.00   3.3X
    Z  19s     3.50um
               ePP     07 18.00
               iS      10 39.00
COP    20.24 344 iP    06 57.80   1.0
       0.9s   124.37nm          5.3mb
               iS      10 40.00
LDF    20.28 313 eP    06 57.40   0.1
       1.1s    75.20nm          4.9mb
KER    20.39  89 eP    06 57.00  -1.8
FLN    20.57 313 eP    06 59.90  -0.4
       0.9s    42.50nm          4.8mb
LPF    20.57 311 eP    07 00.70   0.3
       0.9s    49.70nm          4.9mb
GRR    20.62 312 eP    07 00.30  -0.5
       0.8s    32.00nm          4.7mb
CRT    20.64 279 iP    07 08.50   7.3X
TOL    20.86 287 eP    07 04.00   0.5
               i       07 12.00
               iS      10 58.00
MUD    21.75 340 iPd   07 13.30   1.1
       0.7s    38.00nm          4.9mb
IR2    23.16  84 eP    07 26.00  -0.5
UPP    23.49 354 iP    07 28.50  -0.7
               iS      11 41.00
NUR    24.00   3 iP    07 33.00  -1.2
       0.8s    63.10nm          5.2mb
    Z  17s     2.20um           4.7MszX
               eS      11 48.00
               LR      18 20.00
HFS    24.20 350 eP    07 34.90  -1.3
       0.5s    23.90nm          5.0mb
    Z  12s     5.03um           5.2MszX
               LR      16 13.00
AVE    24.46 271 iP    07 42.00   3.1X
               i       07 55.00
NB2    25.46 348 P     07 47.40  -0.8
       0.7s    31.30nm          5.0mb
EKA    25.51 325 Pd    07 49.10   0 4
       0.6s    28.90nm          5.0mb
DLE    26.08 319 eP    07 55.00   1.0
       0.8s    80.00nm          5.3mb
SHI    26.25  96 eP    07 56.00   0.0
SUF    26.28   4 eP    07 55.00  -0.8
DCN    26.50 319 eP    07 59.00   1.2
VAL    27.57 314 iP    08 19.00  11.4X
               S       12 50.00
KJF    27.86   5 iP    08 09.70  -0.4
               eS      12 58.00
MHI    29.88  79 eP    08 28.00  -0.7
               eS      14 08.00
SOD    30.95   3 iP    08 36.70  -0.9
BNG    32.16 187 iPc   08 48.20  -0.6
       1.0s    46.00nm          5.3mb
               i       09 05.10
KEV    33.34   3 iP    08 57.80  -0.7
       0.8s    17.60nm          5.0mb
    Z  16s     3.40um           5.2MszX
               i       09 04.70
               LR      23 22.00
QUE    37.64  86 eP    09 35.50  -0.2
KIC    38.88 226 eP    09 46.40   0.4
NAI    40.03 157 eP    09 58.00   2.3
       1.0s    25.00nm          5.0mb
KBS    42.67 357 eP    10 17.60   1.2
DAG    44.17 347 iPc   10 28.80   0.2
       0.6s     8.00nm          4.7mb
               i       10 35.00
NDI    46.46  83 iPc   10 46.00  -1.5
               eS      17 31.00
POO    48.59  97 iPc   11 05.00   0.7
GDH    51.32 334 iPc   11 25.00   0.5
       0.8s    17.91nm          5.1mb
    Z  19s     1.39um           5.0Msz
               e       18 44.00
HYB    52.96  95 eP    11 36.00  -1.5
ALE    53.27 351 eP    11 38.50  -0.5
       0.6s     8.00nm          4.9mb
PKI    53.46  80 iP    11 39.60  -1.9
KRI    53.57 171 eP    11 41.00  -1.0
               i       11 46.00
               i       11 51.00
MTD    53.80 169 eP    11 44.00   0.4
GBA    54.19 100 Pc    11 46.00  -0.5
       0.5s    12.40nm          5.2mb
KOD    56.20 103 eP    12 01.50   0.0
BUL    56.73 173 iP    12 04.10  -0.8
               ipP     12 14.00  32kmX
FRB    58.22 328 eP    12 15.00   0.3
SHL    59.52  79 eP    12 22.50  -2.1
SCH    60.53 318 eP    12 31.00   0.2
BFS    63.28 175 e(P)  12 48.00  -1.6
               S       16 34.20
LZH    63.72  63 Pd    12 51.50  -1.1
       1.5s   138.00nm          5.8mb
MBC    64.84 351 eP    12 59.00  -0.1
       0.6s     7.00nm          4.9mb
BLF    65.44 176 e(P)  13 04.50   0.9
               S       16 55.40
KMI    68.25  74 Pc    13 21.00  -0.8
CHG    68.59  82 iPc   13 23.20  -0.5
       0.9s    21.01nm          5.2mb
CHTO   68.59  82 iP    13 23.00  -0.7
       1.2s    32.99nm          5.2mb
BDT    69.48  83 eP    13 29.00  -0.2
       1.0s    31.10nm          5.3mb
RSNY   69.68 311 eP    13 36.30   6.2X
       0.8s     4.93nm          4.6mb
    Z  20s     0.68um           4.9Msz
OTT    69.95 312 eP    13 34.00   2.3
BJI    70.28  54 eP    13 32.00  -1.8
               S       15 12.00
KHT    70.50  86 eP    13 35.00  -0.5
LOE    71.57  82 eP    13 40.00  -1.9
ITR    72.51 245 eP    13 49.70   2.2
       1.0s     5.60nm          4.5mb
NNT    72.65  87 eP    13 47.00  -1.3
PCT    72.82  84 eP    13 48.00  -1.3
INK    73.88 351 eP    13 54.00  -0.6
SOB1   74.62 246 eP    14 02.30   2.5
       0.8s     3.50nm          4.4mb
               e       14 06.30
YKC    75.33 341 eP    14 03.00  -0.1
YKA    75.35 341 eP    14 03.80   0.6
RSON   76.35 324 eP    14 09.80   0.7
       0.9s     3.78nm          4.4mb
SNG    76.46  91 eP    14 10.00  -0.3
IPM    78.31  93 ePd   14 20.00  -0.5
COL    78.55 356 eP    14 22.00   1.1
ATB    79.52 258 e(P)  14 17.70  -9.3X
PRM    80.63 305 eP    14 36.00   3.3X
RSCP   81.76 308 eP    14 42.30   3.7X
       1.1s    46.51nm          5.4mb
PMR    81.93 356 P     14 41.50   2.6X
       1.2s    16.67nm          4.9mb
FVM    83.18 313 eP    14 52.00   6.1X
       0.9s    16.95nm          5.1mb
BAO    84.04 246 Pc    14 54.20   3.6X
               e       14 57.90
               e       15 00.30
SES    84.10 332 ePc   14 52.40   2.0
RSSD   86.05 324 eP    15 02.80   2.3
       1.1s     6.40nm          4.8mb
BAG    86.90  72 eP    15 05.00   0.0
PNT    88.02 336 eP    15 12.00   2.3
       0.5s     4.00nm          4.9mb
NEW    88.08 334 eP    15 11.80   1.7
LRM    88.37 330 eP    15 13.30   1.5
BDW    89.62 327 iP    15 19.00   1.2
       1.1s     7.06nm          4.9mb
GOL    90.07 322 eP    15 21.50   1.6
JCT    93.95 313 eP    15 41.00   3.3X
ALQ    94.30 320 e(P)  15 46.00   6.6X
BMN    94.79 330 eP    15 44.00   2.5X
WRA   119.11  94 PKPd   21 08.40  -0.7X
       0.5s     1.10nm
WB2   119.12  94 ePKP   21 08.70  -0.5X
SPA   126.39 180 ePKP   21 23.80   1.9
       1.0s    10.50nm
     S.D. = 1.3  on 192 of 231 obs.

   MAY 23, 1985  16h 07m 44.46± 1 44s
    1.926 N ± 6.2km  128.863 E ± 9.2km
    DEPTH =  58.2 ± 14.2 km
    5.1mb (  6 obs.) 4.3Msz (  1 obs.)
 HALMAHERA                          (267)

AAI     5.61 187 eP    09 06.00  -1 4
MAP     9.65 330 iP    10 04.00   0 7
MKS    11.76 233 iPc   10 32.50   0.6
LAT    20.01 115 eP    12 15.00  -0.2
WRA    22.39 166 Pd    12 39.80   0.6
       0.6s     6.60nm          4.2mb
WB2    22.39 166 iPc   12 39.30   0.0
MBL    24.59 201 iPd   13 01.20   0.7
KGM    25.53 271 eP    13 11.00   1.5
ASPA   25.91 169 eP     3 13.00   0.0
CTA    27.74 143 eP    13 39.00   9.3X
MEK    30.07 199 eP    13 50.00  -0.6
SHK    32.63   6 eP    14 12.80  -0.1
MRWA   33.33 201 eP    14 18.00  -1.0
MAT    35.51  13 iPd   14 37.40  -0.3
       0.6s    13.33nm          5.0mb
    Z  18s     0.52um           4.3Msz
               eS      23 00.00
ADE    37.84 167 iPd   14 59.50   2.2
PKI    48.74 306 eP    16 26.20   0.3
       0.8s    12.00nm          5.0mb
KKN    48.94 306 eP    16 27.60   0.3
       0.8s    20.00nm          5.2mb
DMN    49.01 306 eP    16 28.40   0.5
       0.9s    33.00nm          5.4mb
HYB    51.73 291 eP    16 48.00  -0.5
       1.0s    30.00nm          5.3mb
GBA    52.14 286 Pc    16 49.70  -1.8
QUE    64.91 302 eP     8 20.00  -0 6
               e(S)    20 32.00
IR2    79.10 306 (P)   19 44.00  -0.7
SBA    82.27 172 e(P)  19 56.90  -3.6X
     S.D. = 1.0  on 21 of 23 obs.

*  MAY 23, 1985  16h 11m 48.54± 1.06s
   10.600 S ±15.2km   40.922 E ±18.1km
   DEPTH =  10.0km  (geophysicist)
   4.7mb (  9 obs.)
 TANZANIA                           (573)
```

23d 16h

NPA	4.75	200	ePn	12 55.00	-6.9X
			eP*	13 02.00	
			ePg	13 09.00	
			eS*	13 58.00	
			eSg	14 06.00	
TET	9.03	232	eP	14 03.00	1.1
			iSn	15 40.00	
			iS*	16 00.00	
			iSg	16 29.00	
NAI	10.13	336	eP	14 14.00	-3.3X
	1.0s	60.00nm		6.0mb X	
MTD	10.96	235	iPn	14 28.00	-0.6
			iSn	16 29.00	
KRI	12.61	239	iPn	14 50.00	-1.0
			iSn	17 07.00	
			iLg	18 29.00	
LSZ	13.25	248	iP	14 59.80	0.2
			i	15 07.00	
			iS	17 26.00	
BUL	15.19	230	iPnd	15 25.20	0.2
			eSn	18 13.00	
			iLg	19 45.00	
BNG	26.82	303	iPc	17 33.20	2.1
	1.2s	21.00nm		4.7mb	
			i	17 36.30	
			i	19 16.90	
GBA	43.48	57	Pd	19 56.30	2.3
	0.9s	9.40nm		4.6mb	
CAF	65.46	331	eP	22 35.00	1.0
SMF	65.93	333	eP	22 36.80	-0.1
	1.0s	4.00nm		4.6mb	
AVF	66.25	333	eP	22 39.00	0 1
	0.9s	4.00nm		4.6mb	
BGF	66.31	332	eP	22 39.50	0.2
	1.0s	6.50nm		4.8mb	
SSF	66.39	333	eP	22 39.40	-0.4
LOR	66.39	333	eP	22 39.70	-0.2
	0.9s	6.50nm		4.8mb	
TCF	66.40	332	eP	22 40.70	0.8
	0.9s	4.50nm		4.7mb	
LSF	66.69	331	eP	22 42.50	0.7
	1.0s	6.20nm		4.8mb	
NUR	72.05	352	eP	23 12.00	-2.4
SUF	73.99	353	iP	23 23.70	-2.0
KJF	75.25	354	eP	23 30.00	-3.0X
EKA	75.31	336	P	23 33.00	-0.5
	1.8s	18.40nm		4.8mb	
SOD	78.45	354	eP	23 38.00	-12.8X
YKA	125.26	346	ePKP	30 58.30	7.6X
BMN	144.55	331	iPKP	31 26.00	-1.5
	1.0s	2.25nm			
	S.D. = 1.3	on 19 of 24 obs.			

* MAY 23, 1985 16h 57m 06.15± 1.45s
36.610 N ±16.7km 22.077 E ± 9.7km
DEPTH = 62.7 ± 21.5 km
3.7mb (1 obs.)
SOUTHERN GREECE (368)

ATH	1.89	43	iPnc	57 36.90	0.3
			eSn	58 02.50	
VLS	1.96	323	ePn	57 39.00	1.3
NPS	3.17	114	ePb	57 55.00	0.3
KZN	3.70	356	ePn	58 06.10	3.9X
PRK	4.23	50	ePn	58 08.20	-1.4
OHR	4.60	348	ePn	58 21.00	6.1X
VAY	4.72	5	ePn	58 18.00	1.5
LCI	4.93	328	ePn	58 18.00	-1 4
			eSn	59 15.00	
SKO	5.38	355	ePn	58 30.00	4.3X
ORI	5.60	310	ePn	58 29.50	0.7
			eSn	59 34.00	
SGO	6.61	309	ePn	58 42.50	-0 3
			e(Sn)	59 49.50	
DUI	7.78	313	e(Pn)	59 04.00	5.0X
			eSn	00 26.00	
CEY	10.78	330	eP	59 51.40	11.2X
			eS	01 36.90	
VOY	11.24	329	eP	59 44.80	-1.6
			eS	01 45.30	
HFS	24.15	350	(P)	02 17.90	0.8
	0.5s	1.50nm		3.7mb	
	S.D. = 1.4	on 10 of 15 obs.			

* MAY 23, 1985 18h 24m 10.63± 0.94s
17.916 S ±18.3km 178.186 E ±14.3km
DEPTH = 33.0km (normal)

FIJI ISLANDS (182)

VUN	0.28	109	iPd	24 18.80	0.7
SVA	0.33	128	ePd	24 18.00	-0.7
SGE	0.41	322	iPd	24 18.80	-1.2
NDF	0.72	283	iP	24 24.80	0.5
YSA	1.35	334	iPc	24 34.00	0.7
	S.D. = 1.3	on 5 of 5 obs.			

? MAY 23, 1985 18h 40m 12.43± 7.96s
61.596 N ±44.8km 2.581 E ±47.9km
DEPTH = 10.0km (geophysicist)
NORWEGIAN SEA (642)
DUR 2.0 (BER).

SUE	1.18	116	iPg	40 34.40	-0.1
			iSg	40 52.20	
ASK	1.69	130	iPn	40 42.50	0.4
			iSn	41 05.40	
HYA	1.79	102	iPn	40 43.50	0.0
			iSn	41 08.00	
ODD	2.60	128	iPn	40 55.00	-0.2
			iSn	41 27.60	
KMY	2.73	150	ePn	40 57.00	-0.1
			eSn	41 28.70	
	S.D. = 0.3	on 5 of 5 obs.			

MAY 23, 1985 18h 51m 00.53± 1.12s
10.245 S ± 4.8km 165.270 E ± 5.2km
DEPTH = 36.1 ± 9.4 km
5.3mb (24 obs.) 4.5Msz (3 obs.)
SANTA CRUZ ISLANDS (184)
CENTROID. MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P.B.: 13S, 24C
Centroid Locotion:
Origin Time 18:51: 4.0 0.9
Lot 9.90S 0.10 Lon 165.20E 0.09
Dep 10.0 FIX Holf-durotion 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr=-5.62 0.34 Mtt= 4.21 0.55
Mff= 1.41 0.48 Mrt=-3.41 1.64
Mrf=-1.44 1.38 Mtf=-0.98 0.35
Principol Axes:

T	Vol= 5.34	Plg=16	Azm=188
N	1.67	13	94
P	-7.01	69	326

Best Double Couple:Mo=6.2*10**23
NP1:Strike=296 Dip=31 Slip= -65
NP2: 87 62 -105

HNR	5.31	278	eP	52 20.00	0.5
			eS	53 20.00	
SVO	5.49	281	eP	52 22.00	0.0
			eS	53 25.00	
VSG	5.57	280	eP	52 24.00	0.8
			eS	53 27.00	
PVC	8.01	159	iPc	53 06.50	9.0X
			iS	54 32.00	
PAA	10.44	291	eP	53 30.00	-1.0
BGA	10.78	291	eP	53 36.00	0.2
NOU	12.05	175	iPc	53 50.50	-2.3
			iS	56 04.50	
NDF	13.97	124	eP	54 26.10	7.8X
SGE	14.28	122	ePd	54 30.00	7.5X
ALOA	14.66	268	eP	54 31.00	3.7X
VUN	14.93	123	eP	54 36.90	6.0X
SVA	14.98	123	eP	54 32.00	0.5X
KVG	16.27	297	eP	54 51.00	2.9X
LMG	16.93	273	eP	55 02.00	5.3X
PMG	17.87	271	eP	55 09.00	0.8
LAT	18.42	280	eP	55 17.00	2.1
CTA	20.78	240	iPd	55 41.00	-0.2
	0.6s	11 00nm		4 4mb	
			iS	59 32.00	
RMQ	22.47	222	eP	55 59.00	0.9
CRZ	25.01	165	P	56 25.00	2.3
			(PcP)	56 31.00	
CMS	27.78	218	eP	56 48.00	-0.2
YOU	28.48	210	eP	56 55.20	0.6
CAN	29.03	208	eP	57 00.00	0.5
WAM	29.80	207	eP	57 07.30	0.9
GNZ	30.50	160	P	57 11.00	-1.5
WB2	31.32	248	eP	57 18.30	-1.7
WRA	31.33	248	Pd	57 18.10	-1.9
	0.8s	8.90nm		4.6mb	
MNG	31.57	165	P	57 20.00	-2.0X

TOO	32.52	210	eP	57 31.00	0.7
ASPA	32.75	242	eP	57 30.00	-2.4
			eS	02 58.00	
ADE	34.53	220	iPc	57 47.90	0.2
KNA	35.95	257	eP	58 00.00	0.0
AAI	37.35	277	eP	58 10.20	-1.6
DAV	43.12	292	eP	59 03.00	3.6X
MBL	44.92	250	eP	59 15.00	1.0
NAU	49.08	249	eP	59 48.00	1.4
KKM	51.46	286	ePc	00 04.00	-1.0
BAG	51.54	300	eP	00 05.00	-0.7
			eS	19 28.00	
MAT	53.05	333	iPd	00 14.90	-1.6
	1.2s	31.25nm		5.2mb	
			eS	07 50.00	
DRV	58.89	191	eP	00 57.50	-0.5
SSE	58.95	316	P	00 57.50	-1.4
	1.5s	113.00nm		5.8mb	
			e(S)	09 10.00	
KGM	62.85	278	ePc	01 26.10	0.5
ADK	63.81	12	P	01 31.50	0.3
IPM	65.65	280	ePd	01 44.00	0.1
	1.0s	41.50nm		5.5mb	
BJI	67.57	321	eP	01 55.50	-0.1
SBA	67.60	180	iPc	01 55.90	0.7
LOE	68.52	293	eP	02 00.10	-1.9
KMI	70.31	301	Pd	02 14.00	0.9
CHG	71.47	294	iPd	02 20.60	0.6
	1.1s	31.65nm		5.2mb	
CHTO	71.47	294	eP	02 20.00	0.0
	1.0s	22.50nm		5.1mb	
Z	22s	0.08um		3.9Msz	
LZH	73.88	312	Pd	02 35.00	1.0
	1.5s	115.00nm		5.6mb	
TTA	78.80	17	eP	03 01.40	0.3
SHL	79.73	298	iP	03 07.50	0.5
SPA	79.82	180	eP	03 17.00	10.3X
	1.0s	59.50nm			
			e	04 15.90	
PMR	79.97	20	P	03 07.10	-0.2
	1.1s	13.75nm		4.9mb	
PME	80.03	20	eP	03 06.60	-1.0
IMA	81.87	16	eP	03 18.00	0.6
PNL	82.42	25	eP	03 20.00	-0.2
COL	82.71	18	eP	03 21.00	-0.6
	1.2s	47.66nm		5.4mb	
FBA	82.71	18	eP	03 20.50	-1.1
BKS	82.75	50	eP	03 23.00	0.6
	0.6s	33.00nm		5.6mb	
ARN	83.11	50	eP	03 25.00	0.7
WDC	83.41	47	eP	03 25.40	-0.3
ORV	83.83	48	eP	03 27.40	-0.5
MIN	84.01	47	eP	03 28.90	0.0
JAS1	84.13	50	eP	03 28.60	-0.8
FRI	84.39	51	eP	03 30.40	-0.3
BRW	85.24	11	eP	03 25.20	-9.0X
PKI	85.84	299	eP	03 39.30	0.7
	0.9s	33.00nm		5.6mb	
MNA	85.98	50	eP	03 38.90	0.1
KKN	86.01	299	eP	03 40.00	0.7
	1.0s	52.00nm		5.7mb	
DMN	86.11	299	eP	03 40.80	0.9
	0.9s	38.00nm		5.6mb	
GLA	87.19	56	IP	03 46.10	1.4
BMN	87.23	48	eP	03 45.40	0.5
	1.1s	9.74nm		5.0mb	
EUR	87.90	49	iP	03 48.40	0.1
	0.2s	22.33nm		6.1mb	
PNT	88.17	39	eP	03 49.00	0.0
INK	89.30	19	eP	03 56.00	2.0
NEW	89.45	41	P	03 56.00	0.8
	1.1s	11.25nm		5.1mb	
GBA	90.29	284	Pd	04 00.10	0.5
	0.9s	21.90nm		5.5mb	
LRM	91.94	44	ePd	04 07.30	0 3
EDM	93.01	37	eP	04 11.50	0.0
BDW	93.35	47	eP	04 13.00	-0.5
	1.1s	17.65nm		5.4mb	
ALQ	94.38	55	eP	04 17.00	-1.4
	1.0s	8.00nm		5.1mb	
YKA	94.48	27	eP	04 28.70	10.7X
YKC	94.54	27	eP	04 18.00	-0.2
LTX	95.86	61	eP	04 25.50	0.3
	1.2s	4.35nm		4.8mb	
GOL	95.97	51	eP	04 27.00	1.3
GLD	96.09	51	eP	04 28.00	1.9
	1.0s	16.00nm		5.5mb	

MBC	96.43	13	eP	04	26.00	-0.7
RSSD	97.54	47	iP	04	32.30	-0.3
	1.1s	5.81nm			5.0mb	
JCT	99.33	61	iP	04	40.10	-0.7
	1.0s	5.00nm			5.0mb	
DAG	113.46	1	iPKPd	09	34.40	-1.3
	0.7s	2.74nm				
			i	09	42.00	
KJF	118.47	340	iPKP	09	45.20	-0.4
	0.8s	19.10nm				
SUF	119.98	340	iPKP	09	47.50	-1.0
	0.7s	7.10nm				
NUR	122.00	338	iPKP	09	52.40	0.0
	0.8s	22.00nm				
	Z 19s	0.10um			4.5Msz	
			i	10	00.00	
			LR	05	40.00	
NB2	125.81	345	PKP	09	59.40	-0.5
	1.4s	18.60nm				
HFS	125.89	343	ePKP	09	58.90	-1.1
	0.7s	3.70nm				
	Z 20s	0.24um			4.9Msz	
			LR	55	13.00	
KSP	132.18	334	ePKP	10	13.00	0.7
CLL	133.19	336	ePKP	10	15.00	0.8
PRU	133.56	334	ePKP	10	16.20	1.3
MOX	134.25	337	ePKP	10	17.00	0.8
			eSg	39	05.00	
KHC	134.62	334	PKPd	10	17.20	0.2
	1.0s	14.00nm				
			e	10	26.30	
WTS	134.82	341	ePKP	10	17.80	0.6
	1.0s	14.00nm				
			e	10	25.00	
VAY	134.91	320	ePKP	10	16.50	-1.2
SKO	135.25	321	ePKP	10	17.00	-1.4
ENN	136.17	341	ePKPd	10	19.80	0.0
	1.0s	13.00nm				
			e	10	27.50	
KBA	136.26	332	iPKPd	10	20.00	-0.4
	1.0s	14.80nm				
			i	10	28.80	
LJU	136.46	330	ePKP	10	21.00	0.4
VOY	136.78	331	ePKP	10	19.30	-2.0
WLF	137.04	340	PKPc	10	24.20	2.7X
GWF	137.11	338	ePKP	10	22.00	0.2
CDF	137.71	338	ePKP	10	22.80	-0.2
CTI	137.81	333	ePKP	10	23.50	0.2
BSF	138.38	338	ePKP	10	22.50	-1.8
	1.1s	18.00nm				
ORO	139.73	335	e(PKP)	10	27.00	0.2
FLN	139.79	345	ePKP	10	25.40	-1.2
	0.9s	6.50nm				
LOR	139.88	340	ePKP	10	27.10	0.2
	1.2s	13.00nm				
LBF	140.09	340	ePKP	10	27.40	0.1
	1.3s	14.70nm				
GRC	140.11	341	iPKPc	10	29.90	2.7X
			e	10	37.50	
SSF	140.18	340	ePKP	10	27.70	0.3
	1.0s	14.80nm				
ATB	140.32	108	e(PKP)	10	15.50	-13.1X
LPF	140.61	346	ePKP	10	30.30	2.2
	1.1s	13.50nm				
BCF	140.84	341	ePKP	10	28.80	0.2
	0.8s	5.60nm				
TCF	141.28	341	ePKP	10	30.00	0.6
	0.9s	8.10nm				
LSF	141.53	342	ePKP	10	30.10	0.2
	1.5s	19.30nm				
MFF	141.70	344	ePKP	10	30.80	0.7
	1.1s	16.60nm				
CVF	141.76	331	ePKP	10	27.30	-3.1X
	1.2s	45.80nm				
LRG	142.17	335	ePKP	10	27.90	-3.1X
	0.9s	10.20nm				
LMR	142.21	334	ePKP	10	28.00	-3.1X
	1.1s	15.30nm				
RJF	142.38	341	ePKP	10	26.20	-5.2X
CAF	142.54	340	ePKP	10	26.90	-4.8X
	1.4s	17.40nm				
LFF	142.95	342	ePKP	10	27.90	-4.4X
	1.4s	27.40nm				
LPO	143.04	341	ePKP	10	28.50	-4.0X
	1.6s	49.70nm				
EPF	144.79	341	ePKP	10	32.30	-3.3X
	1.6s	80.80nm				

BNG	146.51	263	iPKPd	10	40.00	0.7
	0.7s	94.00nm				
			i	10	53.90	
EBR	146.70	339	ePKP	10	42.00	3.3X
TOL	148.99	344	ePKP	10	48.00	5.5X
COI	149.64	350	iPKPc	10	48.90	5.5X
CRT	151.35	341	ePKP	10	53.00	6.8X
	S.D. = 1.0	on 110 of 138 obs.				

MAY 23, 1985 19h 24m 16.74± 0.49s
28.639 S ± 5.5km 67.230 W ± 9.4km
DEPTH = 141.3 ± 7.0 km
4.7mb (4 obs.)
LA RIOJA PROVINCE, ARGENTINA (138)

CYA	1.28	82	e(P)	24	44.50	0.8
FSA	2.77	23	iPc	25	03.00	1.7
RTLL	2.89	202	iPc	25	03.50	0.5
RTCB	3.15	205	iPc	25	07.30	0.9
ZON	3.16	203	iPc	25	08.00	1.6
			eS	25	46.00	
RTCV	3.40	199	iPc	25	10.30	0.6
TCA	3.53	140	eP	25	11.90	0.5
SLA	4.19	22	iPd	25	21.60	1.3
			S	26	27.00	
MDZ	4.45	198	iP	25	22.80	-0.8
FCH	5.36	209	iPc	25	36.50	0.4
BACH	5.47	210	iPc	25	37.00	-0.3
SAN	5.63	211	iPc	25	38.50	-0.9
PCH	5.71	209	iPd	25	40.00	-0.5
TACH	5.92	212	iPd	25	41.00	-2.3
CHCH	6.04	208	iP	25	44.10	-0.8
RFA	6.20	189	iPc	25	45.80	-1.4
YJA	6.63	14	iPc	25	55.00	1.6
TPZ	7.27	349	iPc	26	02.70	0.7
			i	26	19.50	
CNCB	11.79	356	eP	27	00.90	-1.2
			(S)	27	29.00	
LPB	12.08	356	Pc	27	02.90	-2.8
	1.0s	200.00nm			5.6mb	X
			i	27	07.20	
			eLR	52	09.00	
ARE	12.74	341	eP	27	12.00	-2.2
VAO	19.08	78	eP	28	29.90	-1.0
			i	28	34.00	
			i	28	36.10	
			i	28	58.20	
BAO	21.98	58	iPc	28	58.90	-1.3
			e	29	01.10	
			e	29	02.40	
			e	29	07.20	
SOB1	31.40	57	eP	30	24.40	-2.1
			e	30	26.50	
			e	30	56.20	
ITR	33.54	60	eP	30	42.40	-2.6
	0.9s	8.90nm			4.5mb	
			e	30	43.70	
			e	31	13.50	
SPA	61.52	180	e(P)	34	23.00	2.2
BHO	67.91	336	eP	35	02.80	0.9
KIC	69.45	70	iP	35	11.20	-0.6
	0.8s	51.00nm			5.4mb	
RLO	69.57	336	eP	35	12.90	0.8
TUL	69.62	336	eP	35	13.40	1.0
	0.9s	17.90nm			4.9mb	
ALQ	73.29	327	eP	35	35.00	0.5
	1.0s	10.00nm			4.5mb	
BUL	85.46	110	eP	36	42.00	1.8
YKA	98.39	340	eP	37	41.50	2.5
WB2	127.39	206	ePKP	43	07.20	0.4
			e	43	43.90	
WRA	127.40	206	PKPc	43	07.30	0.5
	0.5s	2.60nm				
HYB	146.70	102	ePKP	43	45.50	3.4X
IPM	153.60	153	ePKPd	44	15.10	22.5X
			e	44	41.40	
	S.D. = 1.5	on 35 of 37 obs.				

* MAY 23, 1985 19h 32m 29.37± 1.17s
33.390 S ±17.8km 72.327 W ±10.6km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

TACH	1.19	103	iPc	32	49.30	-0.5
			iS	33	04.90	
SAN	1.39	93	iPc	32	52.30	-0.4
			iS	33	11.40	
CHCH	1.50	112	iPc	32	54.00	-0.3
PCH	1.53	99	iPd	32	54.70	-0.1
BACH	1.54	89	iPc	32	54.50	-0.3
FCH	1.71	88	iP	32	57.00	-0.5
			iS	33	21.20	
RFA	3.49	114	e(P)	33	30.00	7.3X
			S	34	20.00	
ZON	3.59	60	eP	33	30.00	5.9X
TCA	6.86	75	eP	34	12.40	2.1
			S	35	28.90	
SPA	56.79	180	e(P)	42	13.50	0.9
JCT	68.63	335	eP	43	30.50	-0.8
	1.0s	5.00nm			4.5mb	
	S.D. = 1.1	on 9 of 11 obs				

MAY 23, 1985 19h 59m 32.17± 0.54s
40.559 N ± 4.2km 22.867 E ± 4.8km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE	0.10	46	iPgc	59	35.10	0.2
			eSg	59	36.70	
SOH	0.45	55	iPgc	59	41.40	0.0
			eSg	59	48.30	
GRG	0.53	318	ePgc	59	42.60	-0.3
			eSg	59	50.80	
LIT	0.54	212	iPgc	59	43.40	0.3
			eSg	59	51.80	
KNT	0.60	2	iPgc	59	44.00	-0.3
SRS	0.78	44	ePg	59	47.30	-0.1
			eSg	59	59.30	
VAY	0.79	344	iPg	59	47.30	-0.3
			iSg	59	58.00	
OUR	0.88	104	ePg	59	49.20	0.1
			eSg	00	01.50	
PAIG	0.89	135	ePg	59	48.60	-0.6
			eSg	00	01.80	
SKO	1.77	323	ePn	00	06.00	2.9X
VTS	2.05	7	eP	00	08.00	0.9
PLD	2.07	41	eP	00	13.00	5.6X
KDZ	2.17	59	iP	00	13.00	4.2X
DIM	2.53	53	eP	00	19.00	5.1X
	S.D. = 0.5	on 10 of 14 obs				

* MAY 23, 1985 21h 29m 30.00± 0.87s
38.920 N ± 7.9km 27.717 E ±12.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.63	214	iPg	29	40.50	-2.2
			iSg	29	57.60	
DST	0.98	46	iPn	29	47.20	-1.5
EZN	1.41	310	iPn	29	56.60	1.0
KCT	1.42	20	iPn	29	55.80	0.0
EDC	1.43	4	iPn	29	56.30	0.3
YER	1.84	166	ePn	30	04.10	2.2
ALT	1.87	85	ePn	30	19.00	16.6X
MFT	1.89	350	ePn	30	16.00	13.3X
CTT	2.29	14	ePn	30	09.30	0.9
ISK	2.38	25	ePn	30	09.00	-0.6
DMK	2.90	1	iPn	30	17.00	0.0
VAY	4.62	303	ePn	31	06.00	24.6X
	S.D. = 1.5	on 9 of 12 obs.				

MAY 23, 1985 23h 23m 53.94± 1.30s
36.395 N ±11.5km 22.671 E ± 6.6km
DEPTH = 57.2 ± 12.5 km
3.4mb (1 obs.)
SOUTHERN GREECE (368)

ATH	2.05	39	ePb	24	27.20	0.6
			ePg	24	31.00	
			eSn	24	52.30	
VLS	2.14	327	ePg	24	31.00	3.2X
			eSn	24	53.60	
NPS	3.09	110	ePb	24	42.50	1.1
LIT	3.71	5	eP	24	53.40	3.3X
PAIG	3.75	19	ePd	24	50.50	-0.1
KZN	3.91	357	ePb	24	56.50	3.5X
			ePg	25	16.40	
OUR	4.21	20	ePc	24	56.50	-0.5
THE	4.29	9	ePd	25	01.10	3.0X
PRK	4.38	48	ePn	24	58.20	-1.2
SOH	4.53	12	ePd	25	03.50	1.9
GRG	4.56	3	ePd	25	03.30	1.3

23d 23h

IZM	4.59	63	ePn	25	01.00	-1.5
EZN	4.79	43	ePn	25	01.60	-3.7X
KNT	4.80	7	ePd	25	06.10	0.6
OHR	4.81	348	ePn	25	13.00	7.4X
SRS	4.86	14	eP	25	06.60	0.3
VAY	4.93	4	iPn	25	08.00	0.7
YER	5.04	60	ePn	25	10.00	1.1
LCI	5.09	322	ePn	25	08.00	-1.5
			eSn	26	05.00	
SKO	5.59	355	ePn	25	25.50	9.0X
KGT	5.77	44	eP	25	18.00	-1.0
BRT	5.88	321	ePn	25	19.50	-1.0
			eSn	26	25.00	
EDC	6.02	47	eP	25	21.30	-1.2
GIB	6.62	286	ePn	25	39.00	8.0X
			eSn	26	47.00	
SGO	6.74	310	ePn	25	33.00	0.5
			eSn	26	46.00	
DUI	7.92	314	ePn	25	49.00	0.1
			eSn	27	11.50	
CEY	10.97	331	eP	26	31.70	1.1
			eS	28	27.00	
VOY	11.42	330	eP	26	35.00	-1.8
			eS	28	35.30	
NB2	25.61	3	B P	29	20.80	1.5
	0.6s		0.70nm		3.4mb	
DMN	53.34	80	eP	33	09.90	-0.1
	0.8s		15.00nm		5.1mb X	
KKN	53.40	80	eP	33	10.00	-0.3
	0.7s		6.00nm		4.7mb X	
PKI	53.60	80	eP	33	11.60	-0.3
	S.D. = 1.1		on 24 of 32 obs.			

• MAY 24, 1985 00h 09m 55.73± 2.14s
10.532 S ± 9.0km 40.970 E ±25.2km
DEPTH = 10.0km (geophysicist)
TANZANIA (573)

NPA	4.83	200	eP	11	10.00	-0.2
			eS	12	02.00	
			eSg	12	14.00	
TET	9.10	231	eP	12	11.00	0.8
			eS	13	50.00	
NAI	10.09	315	eP	12	24.00	0.1
	1.0s		23.00nm		5.6mb X	
MTD	11.03	235	iPn	12	37.00	0.2
			iSn	14	37.00	
			eLg	15	47.00	
KRI	12.68	239	iPn	12	59.00	-0.2
			iSn	15	14.00	
LSZ	13.32	248	iP	13	07.00	-0.7
			iS	15	29.20	
BUL	15.26	230	ePn	13	33.20	0.0
			eSn	16	18.60	
	S.D. = 0.6		on 7 of 7 obs.			

• MAY 24, 1985 00h 10m 22.33± 1.41s
18.901 S ±17.7km 169.605 E ±15.4km
DEPTH = 277.1 ± 8.9 km
4.2mb (2 obs.)
VANUATU ISLANDS (186)

PVC	1.69	313	iPd	11	05.00	0.1
			iS	11	36.20	
NOU	4.50	221	iPc	11	32.80	-0.8
KOU	5.28	251	iPc	11	43.20	0.3
			iS	12	47.30	
RMO	20.65	245	eP	14	43.00	1.1
CTA	22.04	263	iPd	14	57.80	2.4
MNG	22.23	168	P	14	57.00	-0.1
TCW	22.60	171	P	15	01.20	0.6
STK	28.32	237	iPc	15	52.70	-0.2
WB2	33.23	262	iPd	16	34.20	-1.5
WRA	33.24	262	Pc	16	34.40	-1.4
	0.2s		0.60nm		3.8mb	
ASPA	33.55	256	iPd	16	37.70	-0.8
	0.4s		78.00nm		5.6mb X	
W8N	40.25	252	iPd	17	34.70	0.4
SBA	59.00	181	eP	19	54.90	0.0
SPA	71.22	180	iP	21	13.00	-0.1
	1.0s		10.50nm		4.5mb	
YKA	100.21	27	ePdiff	23	41.10	3.4X
DAG	121.94	2	ePdiff	25	08.00	-5.9X
			i	26	09.00	
WLF	146.56	340	PKP	29	35.00	4.6X
DOU	146.65	342	PKP	29	34.20	3.6X
	S.D. = 1.1		on 14 of 18 obs.			

& MAY 24, 1985 00h 11m 43.17s
61.016 N 151.994 W
DEPTH = 90.0km
SOUTHERN ALASKA (2)
<AGS-P>.

SPU	0.17	350	iP	11	55.75	1.1
			iS	12	05.49	
CRP	0.26	343	iP	11	56.39	-0.4
			iS	12	07.05	
NKA	0.46	126	iP	11	58.98	1.2
			eS	12	12.82	
RDT	0.49	205	iP	11	57.56	-0.6
			iS	12	08.97	
SUA	0.75	53	eP	12	00.15	-0.5
			eS	12	12.88	
ILM	0.93	206	iP	12	01.88	-0.5
SKT	0.99	13	eP	12	02.24	-0.9
			eS	12	17.02	
SLKM	1.01	120	eP	12	02.46	-0.8
PMS	1.20	78	eP	12	05.04	-0.6
PWA	1.20	57	eP	12	05.70	0.2
			eS	12	23.38	
BRLK	1.37	156	eP	12	06.78	-0.9
MPA	1.40	111	eP	12	07.25	-0.7
PTE	1.46	95	iP	12	07.29	-1.4
			iS	12	26.64	
PLRM	1.50	66	eP	12	08.44	-0.8
SEW	1.55	125	eP	12	08.62	-1.4
GHO	1.66	61	eP	12	09.95	-1.5
			iS	12	30.76	
MSE	1.67	59	eP	12	10.36	-1.3
KNK	1.76	75	eP	12	10.89	-1.8
SVW	1.77	275	iP	12	11.96	-0.9
AUL	1.79	204	eP	12	14.14	1.0
SML	1.93	64	eP	12	13.46	-1.6
CFI	2.06	83	iP	12	14.84	-1.8
GLI	2.40	91	eP	12	18.25	-3.0
VZW	2.65	87	eP	12	21.68	-3.1
FID	2.71	93	eP	12	21.75	-3.8
KLU	2.97	78	eP	12	26.55	-2.7
KMP	3.40	79	eP	12	32.04	-3.1
BALM	4.69	86	eP	12	51.20	-1.9
	28 obs. associated					

MAY 24, 1985 00h 13m 05.32± 0.76s
38.872 N ± 7.5km 21.262 E ± 8.2km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.2 (ATH).

VLS	0.87	217	ePg	13	21.00	-1.1
KZN	1.49	15	ePb	13	31.70	-0.4
LIT	1.55	37	ePbc	13	32.60	-0.4
ATH	2.13	114	ePb	13	43.20	1.9
			ePg	13	47.00	
THE	2.19	36	ePn	13	40.60	-1.7
			eSn	14	13.90	
GRG	2.26	22	ePnc	13	43.40	0.1
			eSn	14	16.40	
OHR	2.26	351	iPn	13	46.00	2.6X
SOH	2.53	39	ePn	13	47.10	0.0
OUR	2.56	54	ePn	13	46.80	-0.7
KNT	2.61	28	ePn	13	48.30	0.1
			eSn	14	25.30	
VAY	2.64	22	iPn	13	49.00	0.3
SRS	2.87	38	ePn	13	51.50	-0.4
			eSn	14	31.80	
LCI	2.94	301	ePn	13	59.00	6.1X
			eSn	14	42.00	
SKO	3.10	2	iPn	13	57.00	1.9
			iSn	14	34.00	
			i	14	37.30	
BRT	3.71	304	e(Pn)	14	04.50	0.6
			eSn	15	02.50	
ORI	3.91	289	ePn	14	12.50	5.9X
			e(Sg)	15	18.00	
PRK	3.92	83	ePg	14	13.00	6.2X
VOY	8.99	325	eP	15	11.00	-7.1X
			e(S)	16	52.60	
	S.D. = 1.1		on 13 of 18 obs.			

• MAY 24, 1985 00h 34m 39.22± 1.27s
36.488 N ±11.7km 22.088 E ± 7.6km
DEPTH = 69.0 ± 19.6 km
3.6mb (1 obs.)
SOUTHERN GREECE (368)

ATH	1.97	41	iPbc	35	10.60	-0.4
			eSn	35	35.50	
VLS	2.07	325	ePn	35	13.50	1.2
			eSn	35	43.00	
NPS	3.11	112	ePb	35	27.90	0.9
LIT	3.62	5	eP	35	36.10	2.0
PAIG	3.66	20	eP	35	33.30	-1.2
KZN	3.82	356	ePb	35	43.50	6.6X
OUR	4.12	21	eP	35	40.40	-0.6
THE	4.19	9	eP	35	42.60	0.5
PRK	4.31	49	ePn	35	41.50	-2.2
SOH	4.44	13	eP	35	46.00	0.4
GRG	4.47	3	eP	35	46.80	0.8
KNT	4.71	7	eP	35	50.00	0.6
OHR	4.72	348	ePn	35	50.00	0.4
SRS	4.77	14	eP	35	50.00	-0.2
VAY	4.84	4	iPn	35	51.60	0.4
LCI	5.03	321	ePn	35	52.00	-1.8
			eSn	36	48.00	
SKO	5.50	355	ePn	35	05.00	-55.4X
ORI	5.69	310	ePn	36	03.00	0.0
			eSn	37	07.00	
BRT	5.81	320	ePn	36	03.00	-1.8
			eSn	37	06.00	
SGO	6.69	309	ePn	36	17.00	0.1
			eSn	37	27.00	
VOY	11.35	330	eP	37	21.20	0.5
			eS	39	20.30	
NB2	25.52	348	P	40	02.90	0.2
	0.8s		1.60nm		3.6mb	
	S.D. = 1.2		on 20 of 22 obs.			

• MAY 24, 1985 02h 04m 53.68± 2.12s
10.541 S ± 9.0km 40.967 E ±25.2km
DEPTH = 10.0km (geophysicist)
TANZANIA (573)

NPA	4.82	200	eP	06	08.00	-0.1
			eSn	07	01.00	
			eSg	07	11.00	
NAI	10.09	336	iPd	07	22.00	0.0
	1.0s		40.00nm		5.8mb X	
MTD	11.03	235	iPn	07	35.00	0.3
			iSn	09	32.00	
			iSg	10	34.00	
KRI	12.67	239	iPn	07	57.00	0.0
			iSn	10	11.00	
			eLg	11	37.00	
LSZ	13.31	248	iP	08	05.30	-0.2
			iS	10	27.50	
BUL	15.26	230	iPn	08	31.00	0.0
			eSn	11	18.00	
			iLg	12	44.50	
	S.D. = 0.2		on 6 of 6 obs.			

% MAY 24, 1985 03h 59m 55.59± 4.37s
59.404 N ±24.3km 6.617 E ±32.5km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.7 (BER).

ODD	0.55	3	iPg	00	05.00	-1.7
			eSg	00	14.50	
KMY	0.73	255	iPg	00	09.00	-0.9
			iSg	00	20.00	
ASK	1.30	327	iPn	00	19.10	-0.5
			eSn	00	38.20	
HYA	1.78	353	iPn	00	26.50	-0.1
			eSn	00	50.30	
SUE	1.90	332	iPn	00	27.50	-0.8
			eSn	00	53.50	
	S.D. = 0.8		on 5 of 5 obs.			

MAY 24, 1985 05h 15m 29.82± 0.53s
6.303 S ± 4.2km 154.817 E ± 3.9km
DEPTH = 62.8 ± 4.9 km
5.3mb (25 obs.)
SOLOMON ISLANDS (193)
Felt (IV) at Arawa and Panguna, Bougainville.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 13C
Centroid Location:
Origin Time 05:15:33.8 0.6
Lat 6.54S 0.12 Lon 154.75E 0.12
Dep 56.5 6.7 Half-duration 1.4

Moment Tensor; Scale 10**23 D-CM
Mrr= 4.42 0.37 Mtt=-0.33 1.04
Mff=-4.09 0.86 Mrt= 0.15 0.72
Mrf=-0.05 0.80 Mtf= 2.61 0.45
Principal Axes:
T Val= 4.43 Plg=88 Azm=352
N 1.00 2 153
P -5.43 1 243
Best Double Couple:Ma=4.9*10**23
NP1:Strike=335 Dip=44 Slip= 93
NP2: 151 46 87

BGA	0.39	67	iPc	15	40.50	-0.7
			eS	15	51.00	
PAA	0.67	90	iPc	15	43.00	-1.1
			eS	15	56.00	
KVG	5.46	313	eP	16	52.00	1.4
VSG	5.67	121	eP	16	55.00	1.5
ALOA	5.92	228	eP	16	56.00	-1.0
HNR	5.96	122	(P)	17	10.00	12.5X
			S	18	06.00	
LMG	7.10	248	iPc	17	12.20	-1.3
LAT	7.78	267	eP	17	23.50	0.7
PMG	8.19	247	eP	17	29.00	0.4
CTA	16.03	210	eP	19	18.00	5.2X
	1.3s		56.73nm			4.5mb
Z	19s		0.99um			5.4Msz
			lS	22	20.00	
KOU	16.89	148	iPc	19	32.30	8.7X
NOU	19.48	146	iPd	19	53.80	-0.8
RMQ	20.89	195	eP	20	10.00	0.8
GUA	22.03	334	e(P)	20	20.70	0.1
PJG	22.09	333	e(P)	20	23.20	1.9
WB2	24.06	234	iPc	20	41.80	1.3
			e	24	21.70	
			e	25	00.00	
WRA	24.07	234	Pd	20	42.40	1.8
	1.0s		105.50nm			5.3mb
MTN	24.23	253	iPd	20	43.70	1.6
	0.9s		97.00nm			5.3mb
CMS	26.43	197	eP	21	02.00	-0.6
ASPA	26.51	227	iPc	21	03.60	0.2
	0.9s		25.00nm			4.8mb
KNA	27.21	248	eP	21	11.00	1.2
STK	28.29	204	eP	21	18.00	-1.5
YOU	28.47	191	eP	21	21.80	0.7
WAM	30.24	190	eP	21	37.00	0.1
ADE	32.16	205	iPd	21	54.00	0.2
WBN	33.39	231	iPc	22	04.70	0.1
	0.6s		30.00nm			5.3mb
KRP	36.68	152	Pd	22	33.20	0.8
MNG	38.86	155	P	22	50.00	-0.7
			i	22	53.80	
TCW	38.86	156	P	22	55.00	4.4X
PPR	39.34	294	iPc	22	56.50	1.5
	1.0s		131.00nm			5.8mb
MSZ	39.90	165	P	23	00.00	0.8
KKM	40.43	287	ePd	23	05.00	0.9
	1.0s		69.20nm			5.4mb
NAU	41.19	243	eP	23	10.00	-0.1
KLB	42.79	229	iPc	23	22.70	-0.5
MRWA	43.12	233	eP	23	25.00	-0.8
BAL	43.15	231	iPc	23	25.80	-0.3
NWAO	43.82	228	eP	23	30.00	-1.5
RKG	44.54	227	iPd	23	40.30	3.0X
MAT	45.37	341	eP	23	44.00	0.2
KGM	52.07	277	ePc	24	35.90	-0.1
PPI	54.61	274	eP	24	52.60	-2.1
	0.7s		178.00nm			6.2mb
IPM	54.78	280	ePc	24	55.10	-0.9
	0.9s		36.40nm			5.4mb
LOE	57.48	295	eP	25	15.00	-0.2
BJI	58.25	326	eP	25	19.00	-1.2
NST	58.38	293	iPc	25	21.50	0.0
KMI	59.49	304	Pc	25	30.00	0.7
KHT	59.54	291	eP	25	30.30	0.8
BDT	59.89	294	eP	25	32.50	0.6
	0.8s		51.90nm			5.7mb
CHG	60.44	296	iPc	25	35.80	0.1
	2.1s		543.33nm			6.3mb
			eS	34	24.00	
CHTO	60.44	296	iP	25	36.20	0.5
	1.0s		81.25nm			5.8mb
			e	26	02.00	
ADK	62.88	19	P	25	51.20	-0.2
LZH	63.70	315	eP	25	57.50	0.1
SHL	68.79	300	iP	26	28.00	-2.1
SBA	71.78	177	eP	26	47.50	0.5
PKI	74.92	301	eP	27	06.60	-0.1
	0.9s		46.00nm			5.4mb
KKN	75.09	301	eP	27	07.40	-0.1
DMN	75.19	301	eP	27	08.20	0.1
KDC	76.64	26	eP	27	15.40	0.1
TTA	78.44	21	eP	27	25.70	0.4
HYB	78.88	289	eP	27	27.70	-0.8
	1.0s		40.00nm			5.3mb
GBA	79.30	285	Pd	27	31.30	0.6
	1.0s		63.10nm			5.5mb
PMR	80.23	24	P	27	35.00	0.2
	1.0s		10.00nm			4.7mb
IMA	81.21	19	eP	27	40.60	0.5
NDI	82.21	300	eP	27	43.00	-2.9
COL	82.54	21	eP	27	45.00	-1.9
	0.9s		14.29nm			4.9mb
FBA	82.54	21	eP	27	45.70	-1.2
BRW	83.72	14	eP	27	53.20	0.5
SPA	83.74	180	iP	27	55.10	1.9
	1.0s		55.00nm			5.5mb
ORV	89.12	50	eP	28	19.90	0.0
INK	89.14	21	eP	28	19.00	-0.3
MIN	89.16	49	eP	28	21.20	1.0
JAS1	89.71	52	eP	28	23.00	0.3
MNA	91.55	52	eP	28	32.40	1.1
PNT	91.84	41	eP	28	32.00	-0.3
	0.6s		5.00nm			5.1mb
BMN	92.49	50	iP	28	37.10	1.5
	1.1s		6.82nm			5.0mb
			epP	28	52.00	51kmX
EUR	93.35	51	iP	28	40.50	0.8
	0.2s		25.40nm			6.3mb
NEW	93.36	42	eP	28	38.00	-1.3
			e	28	54.00	
GLA	93.69	57	iP	28	43.20	2.0
MBC	95.08	14	eP	28	46.00	-0.6
	0.8s		10.00nm			5.3mb
YKA	95.81	28	eP	28	51.00	0.8
YKC	95.87	28	eP	28	51.00	0.5
	0.6s		9.00nm			5.5mb
EDM	96.10	37	eP	28	52.00	0.2
SES	97.45	40	ePc	28	57.20	-0.7
BDW	98.36	48	eP	29	01.00	-1.4
	1.0s		2.60nm			4.7mb
			epP	29	18.00	59kmX
ALQ	100.72	56	ePdiff	29	14.00	0.7
	1.2s		4.69nm			5.0mb
RSSD	102.36	46	ePdiff	29	21.30	0.9
NB2	118.99	341	PKP	34	11.30	-1.4
	0.8s		1.70nm			
MTD	119.38	247	ePKP	34	14.00	-0.8
			i	34	30.00	
BUL	120.95	242	iPKPd	34	17.20	-0.6
			i	34	32.90	
KRI	121.16	246	ePKP	34	17.00	-1.3
			i	34	32.00	
KHC	126.25	329	PKPd	34	26.70	-0.4
OHR	126.40	318	ePKP	34	26.00	-1.6
VAO	143.92	145	ePKP	34	57.30	-3.4X
			e	35	14.10	
BAO	148.61	134	ePKP	35	05.70	-2.9X
			e	35	11.10	
			e	35	14.90	
SOB1	158.03	134	ePKP	35	21.70	0.0
ITR	160.05	138	e(PKP)	35	24.00	0.1
			e	36	04.40	

S.D. = 1.0 on 89 of 96 obs.

& MAY 24, 1985 06h 08m 22.97s
58.116 N 151.135 W
DEPTH = 46.1km
KODIAK ISLAND REGION (13)
<AGS-P>.

KDC	0.81	244	iP	08	37.29	-0.9
			iS	08	50.93	
CNPM	1.42	358	iPd	08	46.00	-0.7
CDD	1.55	303	eP	08	46.00	-2.6
HOM	1.57	351	eP	08	48.00	-0.8
BRLK	1.66	4	iP	08	49.18	-0.9
			eS	09	09.13	
AUH	1.74	317	eP	08	51.53	0.3
AUL	1.75	318	eP	08	49.23	-2.1
SEW	2.18	23	iP	08	56.69	-0.7
			eS	09	20.30	
ILM	2.25	338	iP	08	56.14	-2.3
SLKM	2.44	11	iP	08	59.97	-1.3
			iS	09	26.60	
RED	2.46	341	eP	08	59.00	-2.5
MPA	2.55	20	eP	09	01.80	-0.9
			eS	09	28.38	
RDT	2.55	346	iP	09	00.09	-2.8
			eS	09	28.35	
NKA	2.64	359	eP	09	03.69	-0.3
PTE	2.96	20	eP	09	07.52	-1.1
SPU	3.11	352	eP	09	07.93	-2.9
			eS	09	42.93	
CRP	3.20	351	eP	09	09.82	-2.4
PMS	3.24	14	eP	09	10.82	-1.8
SUA	3.36	3	eP	09	12.29	-2.1
GLI	3.45	35	eP	09	15.17	-0.4
CFI	3.52	28	eP	09	15.53	-0.9
FID	3.55	40	eP	09	15.98	-1.0
KNK	3.57	21	eP	09	15.35	-1.9
VZW	3.76	36	iP	09	19.37	-0.6
SVW	3.77	325	eP	09	16.25	-3.9
GHO	3.83	16	eP	09	18.55	-2.5
SGAM	3.87	49	eP	09	21.75	0.3
SKT	3.88	357	iP	09	19.01	-2.7
VLZ	3.89	37	eP	09	21.34	-0.3
MSE	3.89	15	eP	09	19.93	-2.0
SML	3.96	20	eP	09	21.36	-1.5
SCM	4.19	26	eP	09	25.48	-0.6
KLU	4.29	36	eP	09	27.12	-0.4
KMP	4.59	40	eP	09	31.18	-0.6
YAH	5.32	61	eP	09	41.22	-0.9
BALM	5.34	53	eP	09	42.01	-0.3
COL	6.99	12	eP	10	02.00	-3.3

37 obs. assaciated

* MAY 24, 1985 06h 13m 52.09± 1.37s
38.936 N ±10.2km 26.066 E ± 9.7km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.91	13	iPg	14	09.70	0.2
			iSg	14	23.70	
IZM	1.08	119	iPn	14	12.50	0.1
KGT	1.79	32	iPn	14	23.50	0.3
EDC	1.98	44	ePn	14	25.00	-1.0
MFT	2.07	26	ePn	14	29.00	1.6
DST	2.10	71	ePn	14	27.70	-0.1
KCT	2.20	53	ePn	14	29.20	-0.1
YER	2.51	135	ePn	14	38.20	4.6X
KDZ	2.76	349	iP	14	36.00	-1.1
CTT	2.86	39	ePn	14	38.50	-0.1
DIM	3.13	353	eP	14	42.00	-0.3
ISK	3.13	46	ePn	14	49.00	6.6X
DMK	3.16	24	iPn	14	42.50	-0.3
MMB	3.20	327	iPc	14	44.00	0.6
VAY	3.59	313	ePn	14	56.00	7.2X

S.D. = 0.8 on 12 of 15 obs

* MAY 24, 1985 06h 34m 12.03± 1.00s
1.996 N ± 9.3km 73.886 W ±17.6km
DEPTH = 33.0km (normal)
COLOMBIA (103)

UAV	7.11	22	iPnc	35	56.60	-0.1
	0.3s		49.20nm			5.9mb X
SDV	7.57	25	iPnc	36	03.20	0.1
	0.2s		68.40nm			6.3mb X
PCJ	15.98	349	eP	37	55.94	-0.1
HOJ	16.15	350	eP	37	58.62	0.3
STH	16.24	350	eP	37	59.37	-0.1
BBJ	16.62	349	eP	38	04.19	-0.1
			eS	40	07.70	
AIA	67.45	176	eP	45	06.30	0.0

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

? MAY 24, 1985 07h 40m 07.34±11.78s
61.280 N ±64.6km 7.852 E ±74.7km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.4 (BER).

HYA	0.81	263	iPg	40	23.30	0.2
			eSg	40	35.50	
ODD	1.46	204	iPg	40	33.50	-0.2
			eSg	40	50.50	
SUE	1.51	263	iPg	40	34.50	0.0
			iSg	40	54.30	
ASK	1.53	240	iPg	40	34.00	-0.6

24d 07h

			iSg	40 53.50		
KMY	2.45	213	iPn	40 48.50	0.6	
			eSn	41 17.00		
S.D. = 0.6 on 5 of 5 obs.						
MAY 24, 1985 09h 58m 51.01± 0.58s						
39.750 N ± 6.6km 139.158 E ±11.0km						
DEPTH = 10.0km (geophysicist)						
4.3mb (3 obs.)						
NEAR WEST COAST OF HONSHU, JAPAN (226)						
AKI	0.73	92	eP	59 04.70	-0.6	
			S	59 14.30		
MAT	3.29	193	iPd	59 42.20	-1.4	
			(S)	00 29.00		
TSK	3.61	168	eP	59 49.10	0.9	
DDR	3.75	180	eP	59 51.50	1.3	
COL	47.78	3	eP	07 30.00	0.1	
INK	52.81	28	iPd	08 08.50	0.3	
WRA	59.55	155	P	08 56.00	-1.0	
	0.2s		0.30nm		4.1mb	
YKA	62.36	30	eP	09 16.00	0.4	
NB2	71.00	336	P	10 10.60	0.1	
	0.7s		1.60nm		4.3mb	
FFC	72.37	32	eP	10 18.50	-0.2	
	0.8s		4.00nm		4.6mb	
FRB	74.52	12	eP	10 31.00	0.0	
S.D. = 0.9 on 11 of 11 obs.						
• MAY 24, 1985 10h 26m 15.61± 1.63s						
33.330 S ± 7.3km 72.208 W ±14.6km						
DEPTH = 55.5 ± 13.2 km						
4.6mb (4 obs.)						
OFF COAST OF CENTRAL CHILE (134)						
LNV	0.91	133	iP	26 31.30	-1.1	
TACH	1.11	107	iPc	26 34.50	-0.7	
PEL	1.29	82	iPc	26 37.60	-0.1	
SAN	1.30	96	iPc	26 37.50	-0.3	
			iS	26 57.50		
CHCH	1.43	115	iPc	26 38.80	-0.8	
BACH	1.44	91	iPc	26 39.50	-0.3	
PCH	1.45	102	iPd	26 40.00	0.1	
FCH	1.61	90	iP	26 42.20	-0.1	
MDZ	2.85	82	iP	27 05.00	5.3X	
RTCB	3.42	58	ePd	27 08.50	0.7	
			S	27 57.80		
RFA	3.42	116	ePc	27 08.40	0.6	
			S	28 03.50		
RTCV	3.43	66	ePd	27 09.20	1.4	
			S	27 59.80		
ZON	3.47	60	eP	27 10.00	1.5	
RTLL	3.74	59	ePc	27 13.50	1.2	
CFA	3.77	64	ePc	27 12.50	-0.1	
			S	27 17.50		
CYA	7.35	50	ePc	27 58.50	-4.4X	
SLA	10.39	36	e(P)	28 40.00	-4.7X	
TPZ	12.22	16	eP	29 21.00	11.4X	
			i	29 30.50		
YJA	12.60	30	e(P)	29 14.00	-0.7	
ARE	16.81	2	eP	30 08.00	-1.0	
CNCB	16.89	14	P	30 09.00	-1.2	
			i	30 14.00		
LPB	17.13	13	ePc	30 15.00	1.8	
			i	30 17.00		
			LR	10 36.80		
VAO	24.46	72	eP	31 30.40	-0.2	
			e	31 39.90		
BAO	28.10	57	e(P)	32 03.10	-1.3	
SOB1	37.52	57	eP	33 25.20	-0.9	
ITP	39.59	60	eP	33 42.10	-1.3	
	1 3s		12 30nm		4.6mb	
			e	33 51.60		
			e	33 58.30		
SPA	56 85	180	eP	35 58.80	2.1	
	0 6s		5.28nm		4.8mb	
BHO	70.63	340	eP	37 27.80	0.8	
TUL	72.33	340	eP	37 46.50	9.3X	
	0.8s		7.10nm		4.6mb	
RLO	72.35	341	e(P)	37 45.00	7.7X	
ALQ	75.12	331	eP	37 52.00	-1.7	
	1.0s		4.50nm		4.4mb	
EUR	83.01	327	iP	38 46.50	10.2X	
	0.7s		0.26nm			
QUE	145.29	84	ePKP	45 50.90	1.8	
GBA	146.12	118	PKPd	45 52.90	2.3X	
	0.2s		2.00nm			

S.D. = 1.2 on 26 of 34 obs.						
? MAY 24, 1985 11h 38m 25.28± 5.21s						
60.871 N ±19.9km 3.442 E ±39.7km						
DEPTH = 10.0km (geophysicist)						
NORTH SEA (534)						
DUR 2.5 (BER).						
SUE	0.67	73	iPg	38 38.50	-0.1	
			eSg	38 52.50		
ASK	0.95	113	iPg	38 42.70	-0.6	
			iSg	38 53.30		
HYA	1.37	76	iPg	38 50.20	-0.1	
			eSg	39 06.80		
ODD	1.85	119	iPn	38 58.50	1.2	
			eSn	39 21.00		
KMY	1.89	151	iPn	38 57.50	-0.4	
S.D. = 1.0 on 5 of 5 obs.						
• MAY 24, 1985 11h 39m 03.41± 1.18s						
37.004 N ±18.5km 22.196 E ±10.8km						
DEPTH = 33.0km (normal)						
SOUTHERN GREECE (368)						
ML 3.5 (ATH).						
ATH	1.55	51	ePn	39 29.00	0.0	
			eSb	39 56.30		
VLS	1.73	313	ePn	39 32.70	1.0	
NPS	3.27	121	ePg	39 53.50	0.0	
KZN	3.31	354	ePg	40 09.00	14.7X	
OHR	4.24	346	ePn	40 14.30	6.9X	
VAY	4.32	4	ePn	40 14.50	6.1X	
ORI	5.44	306	ePn	40 23.00	-1.2	
			eSn	41 20.00		
BRT	5.49	316	ePn	40 24.00	-0.9	
			eSn	41 27.00		
SGO	6.45	306	ePn	40 39.50	1.1	
			eSn	41 47.00		
S.D. = 1.2 on 6 of 9 obs.						
• MAY 24, 1985 12h 02m 58.87± 0.84s						
16.814 N ±12.1km 95.334 W ± 9.3km						
DEPTH = 152.4 ± 8.8 km						
4.6mb (2 obs.)						
OAXACA, MEXICO (60)						
VHO	1.40	288	iP	03 23.50	-4.6X	
COM	3.13	100	iP	03 49.50	0.8	
			iS	04 27.00		
TPM	4.15	302	iP	04 03.00	0.9	
IIP	4.24	307	eP	04 03.00	-0.3	
UNM	4.44	305	iP	04 06.50	0.6	
TAC	4.48	306	iP	04 06.00	-0.6	
			i	04 44.50		
IIC	4.74	309	eP	04 09.00	-1.1	
OXM	4.82	301	iP	04 11.00	-0.1	
GCM	13.50	77	iP	05 47.85	-17.6X	
			iS	05 57.35		
			e	06 08.15		
			eTT	08 16.70		
BBJ	17.30	82	eP	06 53.90	1.2	
BHO	17.50	1	eP	06 53.70	-1.3	
			e	09 56.90		
STH	17.72	83	eP	07 01.85	4.2X	
HOJ	17.78	83	eP	07 03.30	5.0X	
TUL	19.02	359	eP	07 10.30	-1.2	
	1.0s		70.70nm		5.0mb	
			e	07 21.00		
			e	10 40.60		
RLO	19.28	1	eP	07 14.20	0.1	
ALQ	20.61	333	eP	07 29.00	1.1	
EUR	28.87	326	iP	09 08.70	23.3X	
	1.0s		2.88nm			
LRM	32.26	337	eP	09 16.80	1.6	
FFC	38.18	354	eP	10 05.00	0.1	
EDM	38.98	343	eP	10 34.00	22.4X	
CNCB	42.93	140	P	10 43.50	-1.5	
TPZ	46.13	145	P	11 22.20	12.0X	
YKA	47.59	348	eP	11 21.40	0.7	
FRB	50.38	15	eP	11 40.00	-2.0	
BAO	56.75	122	e(P)	12 11.00	-18.5X	
INK	56.84	344	iPd	12 29.80	0.5	
SOB1	59.72	112	e(P)	12 44.00	-6.1X	
MBC	60.76	354	eP	12 56.00	-0.2	
VAO	61.67	129	e(P)	13 01.00	-2.1	
			e	13 04.40		
			e	13 05.80		

			e	13 36.20		
DAG	70.67	14	eP	13 40.00	-19.3X	
NB2	83.20	28	P	15 11.80	2.8X	
	1.0s		4.40nm		4.2mb	
KIC	88.75	84	eP	15 38.50	1.5	
WB2	132.88	258	ePKP	21 59.80	1.5	
WRA	132.89	258	PKPd	22 00.50	2.2X	
	0.6s		1.20nm			
GBA	148.94	14	PKPc	22 31.40	4.7X	
	0.3s		3.80nm			
S.D. = 1.2 on 22 of 35 obs.						
• MAY 24, 1985 12h 41m 05.05± 1.74s						
53.515 N ±18.0km 166.672 W ±12.4km						
DEPTH = 100.0 ± 15.4 km						
4.6mb (3 obs.)						
FOX ISLANDS, ALEUTIAN ISLANDS (9)						
ADK	6.30	259	eP	42 36.70	-0.3	
TTA	10.97	26	eP	43 40.00	-0.3	
IMA	14.14	22	eP	44 26.70	4.9X	
COL	14.87	33	eP	44 31.00	0.0	
INK	21.49	34	eP	45 44.00	-2.4X	
YKA	28.25	51	eP	46 50.90	0.8	
YKC	28.32	51	eP	46 51.00	0.3	
BDW	38.60	82	eP	48 33.50	13.7X	
DAG	48.39	9	iPc	49 37.10	-0.8	
	0.5s		7.75nm		4.8mb	
LTX	51.12	92	eP	49 58.70	-0.8	
SUF	63.67	353	eP	51 27.00	-0.2	
NUR	65.97	354	eP	51 33.00	-8.9X	
HFS	66.70	360	eP	51 45.50	-1.1	
	0.5s		2.80nm		4.4mb	
KBA	79.78	360	iPc	53 05.00	1.7	
	0.8s		7.10nm		4.5mb	
GBA	93.79	299	Pc	54 12.50	0.6	
S.D. = 1.0 on 11 of 15 obs.						
• MAY 24, 1985 13h 52m 06.87± 1.25s						
18.450 N ± 7.7km 146.171 E ±17.5km						
DEPTH = 77.0 ± 11.8 km						
4.9mb (4 obs.)						
MARIANA ISLANDS (216)						
GUMO	4.99	195	eP	53 21.50	0.5	
PJG	4.99	195	eP	53 21.10	0.1	
GUA	5.03	194	eP	53 21.40	-0.1	
			eS	54 17.50		
MAT	19.34	340	(P)	56 28.00	-0.9	
PMG	27.70	178	e(P)	57 28.00	-21.9X	
WB2	39.88	197	eP	59 34.10	-0.7	
WRA	39.88	198	Pc	59 34.30	-0.6	
	0.7s		4.60nm		4.5mb	
MBL	47.07	214	iPd	00 33.10	0.3	
NAU	50.59	218	eP	01 00.70	0.8	
MRWA	55.63	212	eP	01 36.00	-1.2	
INK	69.43	23	ePd	03 07.90	-0.4	
MBC	73.28	14	eP	03 31.00	-0.2	
YKA	78.00	28	eP	03 58.30	0.2	
YKC	78.06	28	eP	03 58.00	-0.4	
KEV	82.31	342	iP	04 21.80	0.9	
	0.5s		11.20nm		5.0mb	
SOD	83.75	340	iP	04 28.80	0.4	
KJF	85.13	337	iP	04 36.00	0.7	
	0.6s		13.00nm		5.1mb	
FFC	87.06	33	eP	04 45.00	0.0	
	1.0s		8.00nm		4.8mb	
NUR	88.41	335	eP	04 48.00	-3.4X	
MLS	110.97	333	ePdiff	06 23.30	-10.4X	
TPZ	147.11	101	PKP	11 51.00	9.5X	
CNCB	147.44	93	ePKP	11 43.00	0.7	
S.D. = 0.7 on 18 of 22 obs.						
? MAY 24, 1985 14h 19m 57.13± 4.55s						
59.407 N ±26.0km 6.569 E ±34.0km						
DEPTH = 10.0km (geophysicist)						
SOUTHERN NORWAY (535)						
DUR 2.1 (BER).						
ODD	0.55	5	iPg	20 07.00	-1.2	
			eSg	20 15.50		
KMY	0.71	254	iPn	20 10.70	-0.3	
			eSn	20 24.50		
ASK	1.28	328	iPn	20 21.00	0.1	
			iSn	20 40.60		
HYA	1.78	354	iPn	20 29.40	1.4	
			eSn	20 53.00		

SUE 1.89 332 iPn 20 29.50 -0.1
iSn 20 54.00
S.D. = 1.3 on 5 of 5 obs.

• MAY 24, 1985 15h 52m 45.47± 0.72s
27.226 N ±10.5km 44.382 W ±14.0km
DEPTH = 10.0km (geophysicist)
4.6mb (4 obs.) 4.3Msz (1 obs.)
NORTH ATLANTIC RIDGE (403)

RLO 43.59 295 eP 00 52.50 1.0
TUL 44.22 295 eP 00 57.00 0.4
0.9s 7.50nm 4.5mb
Z 18s 0.36um 4.3Msz
KHC 49.20 47 P 01 36.00 0.3
LPB 49.21 211 eP 01 36.00 -0.5
CNCB 49.40 210 P 01 38.50 0.4
FFC 49.65 320 eP 01 39.00 0.0
1.0s 7.00nm 4.6mb
DAG 51.11 7 iPc 01 49.90 0.0
0.7s 2.05nm 4.2mb
BDW 54.33 305 iP 02 15.00 0.4
1.1s 9.41nm 4.7mb
e 02 22.00
YKC 57.05 329 eP 02 33.00 -0.7
YKA 57.12 329 eP 02 34.50 0.3
NEW 58.99 312 eP 02 46.00 -1.6
MBC 60.19 345 eP 02 56.00 0.6
INK 64.69 336 eP 03 25.00 -0.4
S.D. = 0.7 on 13 of 13 obs.

• MAY 24, 1985 16h 39m 33.34± 0.96s
5.146 S ±11.4km 152.395 E ±10.0km
DEPTH = 33.0km (normal)
4.0mb (2 obs.)
NEW BRITAIN REGION (192)

BGA 2.95 110 iPc 40 19.20 0.2
eS 40 53.00
KVG 3.01 328 eP 40 20.00 0.1
PAA 3.29 111 iPd 40 33.50 9.7X
eS 41 03.00
LAT 5.57 254 eP 41 02.50 6.4X
LMG 5.63 228 eP 40 57.00 -0.1
PMG 6.71 231 eP 41 13.50 1.4
CTA 16.01 201 iPd 43 23.70 5.9X
0.8s 5.97nm 3.8mb
WB2 22.91 228 eP 44 34.70 -0.8
WRA 22.91 228 Pc 44 34.70 -0.9
0.7s 6.30nm 4.2mb
S.D. = 1.1 on 6 of 9 obs.

MAY 24, 1985 16h 43m 56.29± 0.83s
41.183 N ± 9.5km 20.259 E ± 5.7km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 3.2 (TTG).

OHR 0.41 100 iPgc 44 05.30 0.5
iSg 44 12.50
ULC 1.09 316 ePg 44 15.00 -1.7
eSg 44 32.00
SKO 1.19 48 iPg 44 17.20 -1.2
iSg 44 31.00
TTG 1.45 329 ePg 44 21.60 -0.9
eSg 44 42.50
IVA 1.71 351 ePg 44 27.40 1.1
eSg 44 50.00
VAY 1.75 85 iPn 44 26.50 -0.3
HCY 1.82 314 ePn 44 28.80 0.9
eSn 44 56.00
LCI 1.95 245 ePn 44 29.50 -0.2
BRY 2.14 324 ePn 44 33.10 0.5
eSn 45 04.20
PLE 2.24 344 ePn 44 35.40 1.3
eSn 45 04.50
BRT 2.33 263 ePn 44 42.00 6.7X
eSn 45 21.00
VTS 2.61 56 eP 44 44.00 4.8X
MMB 2.64 80 iPd 44 44.00 4.3X
KDZ 3.86 82 iP 44 57.00 0.1
VOY 6.69 319 e(Pn) 45 33.00 -4.1X
eSn 46 48.00
S.D. = 1.1 on 11 of 15 obs.

% MAY 24, 1985 17h 21m 17.59± 0.85s
60.718 N ± 6.5km 5.592 E ± 8.6km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.8 (BER).

ASK 0.31 220 iPg 21 23.70 -0.3
eSg 21 27.40
SUE 0.53 310 iPg 21 28.00 -0.3
iSg 21 35.00
HYA 0.54 33 ePg 21 28.70 0.3
eSg 21 36.50
ODD 0.94 145 ePn 21 34.60 -0.9
eSn 21 47.00
KMY 1.52 187 ePn 21 46.00 1.2
eSn 22 06.40
S.D. = 1.1 on 5 of 5 obs.

• MAY 24, 1985 19h 28m 44.08± 0.97s
32.091 S ± 9.9km 116.634 E ±10.5km
DEPTH = 33.0km (normal)
WESTERN AUSTRALIA (590)

MUN 0.38 287 iPd 28 52.20 -0.7
eS 28 57.80
NWAO 0.98 149 eP 29 02.00 0.5
eS 29 15.00
KLB 1.08 63 eP 29 02.00 -0.9
eS 29 15.00
BAL 1.48 2 eP 29 09.00 0.3
eS 29 27.80
MRWA 2.92 349 eP 29 30.00 0.8
eS 30 08.30
S.D. = 1.1 on 5 of 5 obs.

MAY 24, 1985 19h 29m 33.44± 0.61s
38.930 N ± 5.0km 25.984 E ± 5.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.5 (ATH).

PRK 0.39 35 iPgc 29 42.10 0.7
eSg 29 47.50
EZN 0.93 16 iPg 29 51.70 0.5
iSg 30 05.70
IZM 1.13 118 iPn 29 54.70 0.0
KGT 1.83 33 ePn 30 05.10 0.0
ATH 2.02 242 ePb 30 13.70 5.8X
eSb 30 39.60
EDC 2.03 45 iPn 30 07.80 -0.2
MFT 2.11 28 ePn 30 12.00 2.8X
DST 2.16 71 iPn 30 09.60 -0.4
YER 2.55 134 ePn 30 15.70 0.1
KDZ 2.75 350 iP 30 18.00 -0.4
CTT 2.90 40 iPn 30 20.60 0.1
DIM 3.13 355 eP 30 23.00 -0.6
MMB 3.17 328 iPc 30 24.00 -0.3
ISK 3.18 47 ePn 30 27.00 2.5X
DMK 3.19 25 iPn 30 24.20 -0.4
PLD 3.32 343 eP 30 34.00 7.6X
KZN 3.53 294 ePn 30 30.00 0.5
JMB 3.56 7 eP 30 39.00 9.2X
VTS 4.23 331 eP 30 44.00 4.7X
PVL 4.26 352 eP 30 40.00 0.3
S.D. = 0.4 on 14 of 20 obs.

MAY 24, 1985 19h 42m 26.69± 1.50s
38 906 N ±12.2km 26.032 E ±10.3km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN 0.95 14 iPg 42 44.70 0.0
iSg 42 59.70
IZM 1.09 117 iPn 42 47.50 0.3
KGT 1.83 32 ePn 42 58.60 0.2
EDC 2.02 44 ePn 43 00.80 -0.3
MFT 2.11 27 ePn 43 06.00 3.5X
DST 2.13 70 ePn 43 02.00 -0.9
YER 2.51 134 ePn 43 16.20 8.0X
KDZ 2.78 349 IPc 43 11.00 -1.1
CTT 2.90 39 ePn 43 15.00 1.3
DIM 3.16 354 eP 43 25.00 7.7X
ISK 3.17 46 ePn 43 22.00 4.4X
DMK 3.20 24 iPn 43 17.00 -0.9
MMB 3.21 327 iPc 43 17.00 -1.1
JMB 3.58 7 eP 43 35.00 11.6X
VTS 4.27 331 eP 43 34.00 0.8
PVL 4.29 352 eP 43 35.00 1.6
OHR 4.58 300 ePn 43 23.50 -14.2X
S.D. = 1.1 on 11 of 17 obs.

• MAY 24, 1985 20h 00m 38.60± 0.55s
37.313 N ± 9.3km 71.375 E ±10.0km
DEPTH = 33.0km (normal)
4.6mb (5 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE 8.00 209 eP 02 35.80 0.1
eS 03 57.00
MHI 9.58 268 eP 03 02.00 4.6X
eS 04 45 00
NDI 9.90 149 eP 03 01 50 -0 2
iS 04 38 00
KKN 15.07 125 eP 04 10.80 -0.2
DMN 15.08 126 eP 04 11.50 0.3
0.5s 31.00nm 4.8mb
PKI 15.30 125 eP 04 14.20 0.0
0.4s 21.00nm 4.7mb
GBA 24.22 166 Pc 05 41.10 -12.3X
0.7s 9.00nm
NUR 37.35 324 eP 07 50.20 0.8
SUF 37.40 327 iP 07 50.60 0.8
0.6s 2.20nm 4.2mb
HFS 42.62 321 eP 08 32.50 -0.5
0.4s 5.20nm 4.6mb
NB2 43.92 323 P 08 42.40 -1.2
0.5s 3.00nm 4.3mb
S.D. = 0.7 on 9 of 11 obs.

? MAY 24, 1985 20h 25m 50.70± 3.91s
33.169 S ±10.5km 71.883 W ±33.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH 0.76 75 iPd 26 03.20 -2.0
LNV 0.88 153 iPc 26 05.90 -0.7
iS 26 20.70
TACH 0.93 122 iPc 26 07.20 -0.2
iS 26 22.60
PEL 1.00 89 iPd 26 08.30 -0.3
iS 26 24.80
SAN 1.06 106 iPd 26 09.20 -0.1
iS 26 27.90
BACH 1.18 99 iPd 26 11.10 0.1
iS 26 28.20
JACH 1.19 66 iPd 26 09.40 -1.8
PCH 1.23 112 iPc 26 12.00 0.2
iS 26 32.50
CHCH 1.28 127 iPc 26 12.70 0.3
FCH 1.34 97 iPd 26 14.00 0.4
iS 26 36.60
MDZ 2.56 84 iP 26 34.70 3.8X
iS 27 12.60
RTCB 3.10 58 ePd 26 40.50 1.9
S 27 25.00
RTCV 3.11 66 ePd 26 42.00 3 3X
S 27 27.70
ZON 3.16 60 eP 26 43.00 3.7X
RFA 3.26 120 eP 26 42.00 1 3
S 27 37.50
RTLL 3.42 59 ePd 26 44.30 1.2
S 27 30.00
TCA 6.44 76 ePc 27 25.40 -0 4
S 28 41.60
SLA 10.10 35 e(P) 28 34.00 17.4X
S.D. = 1.2 on 14 of 18 obs.

? MAY 24, 1985 20h 36m 11.90± 2.06s
10.077 N ±14.2km 81.296 W ±24.1km
DEPTH = 33.0km (normal)
NORTH OF PANAMA (79)

UPA 2.05 122 iPd 36 44.70 0.0
0.2s 250.00nm
i 36 49.80
i 37 14.90
PCJ 8.61 27 eP 38 18.45 1.2
STH 9.06 28 eP 38 23.71 0.2
BBJ 9.13 25 eP 38 23.14 -1.4
YKA 57.58 342 eP 46 00.70 0.1
S.D. = 1.3 on 5 of 5 obs.

MAY 24, 1985 20h 52m 41.00± 0.22s
35.899 N ± 6.3km 68.878 E ± 5.2km
DEPTH = 33.0km (normal)
5.0mb (27 obs.)

24d 20h

HINDU KUSH REGION (718)

QUE	5.92	196	eP	54	10.00	1.1
			eS	55	20.00	
MHI	7.61	276	eP	54	29.00	-3.4X
			e	54	39.00	
			eSn	55	52.00	
NDI	10.07	133	iP	55	05.20	-1.3
			iS	56	54.00	
IR2	14.60	274	(P)	56	14.00	6.8X
DMN	16.07	116	iP	56	24.40	-2.0
KKN	16.10	116	iP	56	24.40	-2.2
PKI	16.32	116	iP	56	27.20	-2.3
POO	17.85	164	eP	57	05.00	16.5X
HYB	20.31	152	eP	57	18.00	1.0
			eS	01	20.00	
SHL	22.25	111	iP	57	38.50	1.8
GBA	23.50	159	Pc	57	49.70	1.0
	0.8s	13.40nm			4.5mb	
KOD	26.72	161	eP	58	20.40	0.8
LZH	28.20	79	eP	58	33.50	0.7
KMI	30.95	101	eP	58	57.50	0.0
CHG	31.49	115	eP	59	03.00	0.9
CHTO	31.49	115	iP	59	03.00	1.0
	0.9s	4.26nm			4.3mb	
BDT	32.53	117	eP	59	12.50	1.4
	0.8s	31.20nm			5.3mb	
MLR	33.59	300	ePd	59	21.50	1.3
KHT	33.89	121	eP	59	23.80	0.9
NST	34.38	118	eP	59	28.50	1.4
LOE	34.43	114	eP	59	26.00	-1.6
NNT	36.21	122	eP	59	43.50	0.8
NUR	37.33	325	iP	59	51.80	0.2
	0.7s	22.60nm			5.1mb	
Z	16s	0.30um			4.2MszX	
		LR		16	40.00	
SUF	37.54	329	iP	59	53.60	0.2
	0.5s	13.50nm			5.1mb	
KJF	37.59	332	iP	59	53.70	-0.1
	0.7s	21.40nm			5.1mb	
		e		01	34.00	
OHR	37.60	293	eP	59	43.00	-11.3X
SOD	39.57	336	iP	00	10.40	0.1
UPP	40.50	323	iP	00	17.80	-0.2
KEV	40.74	339	iP	00	19.80	-0.1
	0.5s	12.60nm			4.9mb	
PRU	41.29	307	eP	00	25.60	0.9
LJU	41.54	301	e(P)	00	27.50	0.7
KHC	41.95	306	P	00	31.40	1.3
		e		01	19.00	
VOY	41.98	301	eP	00	29.70	-0.8
CLL	42.24	309	eP	00	30.00	-2.4
		e		02	17.00	
KBA	42.25	303	e(P)	00	36.00	3.1X
	1.0s	7.00nm			4.3mb	
		i		00	42.40	
HFS	42.49	323	iP	00	34.10	-0.3
	0.7s	41.40nm			5.3mb	
IPM	42.98	129	ePd	00	40.00	1.1
MOX	43.14	308	eP	00	40.00	0.2
GRF	43.45	307	eP	00	43.80	1.4
		e		00	45.50	
SSE	43.46	81	P	00	43.00	0.4
	1.0s	26.00nm			4.9mb	
CTI	43.53	302	eP	00	43.50	0.3
N82	43.84	324	P	00	44.60	-0.8
	0.7s	23.80nm			5.1mb	
GWF	45.86	306	eP	01	01.90	0.2
WTS	46.06	311	iPc	01	09.10	6.0X
	1.0s	13.00nm			4.8mb	
CVF	46.11	297	eP	01	19.90	16.1X
	1.1s	30.50nm				
KGM	46.40	129	eP	01	07.00	0.7
BSF	46.57	305	eP	01	07.20	-0.2
MEM	46.70	309	P	01	10.80	2.6
WLF	46.73	308	P	01	10.30	1.9
LBF	48.60	304	eP	01	22.50	-0.8
LOR	48.63	305	eP	01	22.70	-0.7
SMF	48.76	304	eP	01	24.40	-0.1
	0.9s	10.40nm			4.9mb	
SSF	48.96	304	eP	01	25.10	-0.4
AVF	49.06	304	eP	01	26.50	-0.2
	0.9s	10.90nm			4.9mb	
GRC	49.14	305	ePd	01	27.40	0.0
MZF	49.70	304	eP	01	31.50	-0.2
	1.2s	20.30nm			5.0mb	
TCF	49.94	304	eP	01	33.50	-0.1
	1.1s	14.40nm			4.9mb	
CAF	50.36	302	eP	01	36.60	-0.2
	1.0s	8.00nm			4.7mb	
LSF	50.41	304	eP	01	36.60	-0.5
	0.9s	6.00nm			4.6mb	
RJF	50.64	303	eP	01	39.30	0.4
LFF	51.27	302	eP	01	43.80	0.2
	1.0s	7.40nm			4.6mb	
MFF	51.45	305	eP	01	41.30	-3.7X
EKA	51.53	316	P	01	45.00	-0.4
	1.1s	16.10nm			4.9mb	
EPF	52.07	300	eP	01	50.60	0.8
MAT	54.77	67	eP	02	09.00	-0.8
DAG	54.85	344	iPd	02	08.80	-1.0
	0.6s	14.67nm			5.2mb	
BNG	55.83	248	iPd	02	15.60	-2.1
	1.0s	35.00nm			5.3mb	
		id		02	21.20	
MTD	63.18	221	iPd	03	06.00	-2.2
KRI	64.27	222	iPd	03	13.00	-2.5
BUL	67.53	221	iPd	03	34.50	-1.8
MBC	68.01	2	eP	03	33.00	-5.5X
	0.8s	15.00nm			5.1mb	
KIC	73.03	266	eP	04	08.00	-1.8
		e		04	13.50	
MBL	74.46	131	eP	04	19.00	1.1
INK	74.78	8	ePc	04	18.70	-0.3
FRB	75.11	342	eP	04	20.00	-1.0
COL	75.51	15	eP	04	23.00	-0.3
YKA	81.91	2	eP	04	58.30	0.3
YKC	81.93	2	eP	04	57.00	-1.1
	1.0s	13.00nm			4.9mb	
SCH	81.96	336	eP	04	57.50	-1.0
WRA	83.15	120	Pd	05	04.50	-0.7
	0.7s	6.00nm			4.8mb	
WB2	83.16	120	eP	05	04.00	-1.2
ASPA	85.34	123	eP	05	16.00	-0.1
FFC	89.40	355	eP	05	35.00	-0.4
	0.9s	7.00nm			5.0mb	
CTA	91.86	113	iPd	05	47.50	0.3
	0.9s	12.60nm			5.3mb	
FCH	146.47	262	iPKP	12	20.50	1.1
JACH	146.53	264	iPKPc	12	21.00	1.8
BACH	146.64	262	iPKPc	12	20.90	1.6
PCH	146.73	262	ePKP	12	21.00	1.5
PEL	146.73	263	iPKPc	12	21.90	2.5X
TACH	147.08	262	iPKPc	12	21.50	1.6

S.D. = 1.2 on 80 of 90 obs.

MAY 24, 1985 22h 04m 43.41± 0.11s
51.422 N ± 3.0km 178.430 W ± 1.9km
DEPTH = 34.2km (34 depth phases)
5.8mb (85 obs.) 5.8Msz (30 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 5.8 (PMR), Ms 5.6 (BRK). Felt (III) on Adak.

FAULT PLANE SOLUTION: P-Woves
NP1:Strike= 70 Dip=70 Slip= 90
NP2: 250 20 90
Principal Axes:
T Plg=65 Azm=340
P 25 160
Comment: The focal mechanism is poorly controlled ond corresponds to reverse faulting. The preferred foult plane is NP2.

MOMENT TENSOR SOLUTION
Dep 33 No. of sta: 20
Moment Tensor; Scale 10**25 d-cm
Mrr= 1.37 Mtt=-2.20
Mff= 0.83 Mrt= 1.08
Mrf= 1.09 Mtf= 0.25
Principal axes:
T Val= 2.44 Plg=53 Azm=291
N 0.06 33 78
P -2.50 16 179
Best Double Couple:Mo=2.5*10**25
NP1:Strike=306 Dip=41 Slip= 146
NP2: 64 68 54

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 37C
Centroid Locotion:
Origin Time 22:04:47.9 0.2
Lot 51.36N 0.02 Lon 178.06W 0.03
Dep 39.3 1.4 Half-durotion 4.4

Moment Tensor; Scale 10**25 D-CM
Mrr= 1.30 0.02 Mtt=-1.32 0.03
Mff= 0.02 0.02 Mrt= 0.98 0.05
Mrf= 0.72 0.04 Mtf=-0.61 0.03
Principol Axes:
T Val= 1.78 Plg=68 Azm=308
N 0.20 10 62
P -1.98 20 156
Best Double Couple:Mo=1.9*10**25
NP1:Strike=262 Dip=27 Slip= 112
NP2: 58 66 80

AK1	0.55	63	P	04	57.01	2.4
AK4	0.73	56	P	05	01.03	3.8X
AD6	0.80	68	P	04	59.44	1.3
AD7	0.96	60	P	05	02.99	2.4
AK5	1.03	68	P	05	03.20	1.6
ADK	1.18	66	eP	05	05.00	1.3
AD2	1.58	71	P	05	10.29	0.8
SMY	4.79	289	eP	05	57.40	2.4
KDC	16.25	57	P	08	27.60	-2.8
TTA	16.64	38	eP	08	38.00	2.6
PMR	18.93	46	eP	09	04.80	1.2
IMA	19.29	31	eP	09	08.40	0.4
MID	19.73	54	eP	09	12.00	-0.7
COL	20.77	38	eP	09	22.00	-1.5
	0.8s	336.19nm			5.8mb	
		eS		13	12.00	
FBA	20.77	38	eP	09	22.40	-1.1
BRW	22.23	18	eP	09	38.80	0.8
SIT	25.47	60	eP	10	10.00	0.5
INK	27.29	35	ePc	10	24.90	-1.3
		pP		11	20.00	290kmX
SAP	28.27	269	eP	10	34.00	-1.2
PHC	31.53	71	eP	11	04.00	-0.2
TSK	33.06	259	eP	11	17.80	0.1
MBC	33.48	22	eP	11	21.00	0.1
	0.8s	103.00nm			5.8mb	
TOK	33.62	259	eP	11	26.00	3.5X
OPA	33.67	144	P	11	22.60	-0.5
KYS	33.70	258	eP	11	25.60	2.4
DDR	33.76	260	eP	11	24.30	0.4
SRY	33.97	259	eP	11	26.10	0.5
HON	34.01	144	P	11	26.00	0.0
MAT	34.02	261	iPc	11	26.60	0.6
		eS		16	49.00	
OYM	34.11	259	eP	11	27.00	0.2
PGC	34.73	72	eP	11	33.00	1.1
MDJ	34.79	280	Pd	11	31.50	-1.1
		pP		11	44.00	47kmX
		sP		11	50.00	
		PP		12	53.20	
		PPP		13	11.00	
		PcP		14	02.00	
		S		17	02.80	
		PcS		17	46.00	
YKA	35.03	47	eP	11	33.70	-0.7
RSNT	35.04	47	P	11	34.30	-0.2
MCW	35.08	72	P	11	35.60	0.6
YKC	35.10	47	eP	11	34.00	-0.9
	0.6s	47.00nm			5.6mb	
GMW	35.62	74	P	11	39.60	0.0
BFW	35.86	76	P	11	42.40	0.7
SHW	36.59	76	P	11	49.60	1.6
PNT	36.70	70	iP	11	48.00	-0.7
	0.9s	306.00nm			6.2mb	
COR	36.75	78	iPc	11	50.00	0.9
CN2	37.77	281	iPc	11	56.50	-1.1
		pP		12	09.00	47kmX
FHC	38.38	84	e(P)	12	03.80	0.9
EDM	38.59	61	iPc	12	03.30	-1.2
	0.7s	280.00nm			6.2mb	
NEW	38.65	70	iPc	12	05.00	-0.1
SHK	38.75	264	iPc	12	06.80	0.8
YKM	39.19	68	iPc	12	09.70	0.0
WDC	39.41	83	iPc	12	12.00	0.6
		i		12	21.30	31km
RXF	39.53	68	iPc	12	13.00	0.5
LHD	39.57	69	iPc	12	12.80	0.0
LDM	39.62	69	iPc	12	13.00	-0.1
GAS	39.84	85	P	12	16.30	1.2
CLX	39.84	69	iPc	12	15.00	-0.2
SNY	40.00	280	iPc	12	17.20	1.0
		pP		12	29.00	43km
		sP		12	34.30	
		PP		13	50.00	
MIN	40.12	83	e(P)	12	17.50	0.0

e 12 26.60 31km
SEO 40.40 272 iPc+ 12 20.60 1.0
1.0s 280.00nm 6.0mb
eS 18 30.00
ORV 40.65 84 eP 12 21.20 -0.5
i 12 30.70 32km
SES 41.13 64 ePc 12 23.80 -1.8
BRK 41.19 87 e(P) 12 27.00 0.9
BKS 41.20 87 e(P) 12 27.70 1.5
1.0s 130.00nm 5.6mb
Z 20s 8.00um 5.6Msz
N 20s 2.50um
E 20s 7.00um
i 12 28.70 3kmX
i 12 35.60
e 13 21.20
ePP 14 18.00
eS 18 39.60
eLQ 21 54.00
eLR 23 47.60
MHC 41.90 87 e(P) 12 31.50 -0.6
i 12 41.40 33km
ARN 41.97 87 IP 12 34.00 1.5
i 13 44.00 350kmX
JAS1 42.31 85 ePc 12 35.90 0.6
i 12 45.10 31km
SAO 42.39 87 eP 12 44.00 8.1X
ALE 42.55 10 eP 12 36.00 -0.7
1.0s 41.00nm 5.1mb
LRM 42.64 71 eP 12 37.30 -0.9
PRS 42.71 88 e(P) 12 39.70 1.1
e 12 47.60 26km
BMN 42.79 80 iP 12 40.00 0.6
1.0s 80.00nm 5.4mb
i 12 49.50 32km
LLA 42.79 87 e(P) 12 40.20 0.9
e 12 49.00 29km
DL2 42.91 277 iPc 12 40.00 -0.2
PRI 43.27 87 e(P) 12 43.60 0.3
FRI 43.33 86 e(P) 12 43.50 -0.1
i 12 52.70 31km
MNA 43.41 83 ePc 12 44.50 0.1
FFC 43.93 54 eP 12 46.50 -1.7
0.8s 18.00nm 4.9mb
EUR 44.12 80 iP 12 50.20 -0.1
SYP 44.73 89 eP 12 56.00 0.8
ISA 44.94 86 eP 12 57.00 0.2
CLC 45.39 85 eP 13 01.00 0.7
YMT3 45.51 84 iP 13 01.00 -0.3
i 13 10.00 30km
BJI 45.59 282 Pc+ 13 02.00 0.3
Z 17s 10.40um 5.8MszX
N 19s 4.20um
E 17s 6.00um
epP 13 15.00 48kmX
esP 13 20.00
ePcP 14 40.00
ePcS 18 33.00
eS 19 40.00
sS 20 01.00
eSc 22 54.00
e 23 10.00
PRN 45.97 82 iP 13 05.00 0.0
i 13 25.00 82kmX
SBB 45.98 87 eP 13 04.00 -0.9
BDW 46.06 72 iP 13 05.50 -0.2
1.0s 210.00nm 6.0mb
PAS 46.11 88 eP 13 06.00 0.1
Z 20s 8.50um 5.7Msz
ePPP 16 20.00
ePcS 17 52.00
iS 19 46.00
eScS 22 52.00
eSSS 23 18.00
eLg 24 20.00
eLR 25 05.00
MWC 46.13 88 eP 13 07.00 0.7
GSC 46.22 85 eP 13 06.00 -0.8
RVR 46.71 87 eP 13 11.00 0.3
TIA 47.39 278 iPc 13 16.10 0.1
PP 15 06.00
ePPP 15 56.00
PcS 18 42.00
SLBC 47.43 88 eP 13 17.00 0.6
e 13 24.90 26km
PLM 47.45 88 eP 13 15.00 -1.8
TPC 47.47 86 eP 13 17.00 0.3

HHC 47.90 286 iPc 13 20.50 0.4
pP 13 32.50 43km
sP 13 37.50
PP 15 17.00
PPP 16 06.00
PcS 18 47.00
S 20 19.00
GUMO 47.92 232 eP 13 18.00 -2.3
PJG 47.92 232 eP 13 17.50 -2.8
GUA 47.94 231 eP 13 18.00 -2.5
BAR 48.02 88 eP 13 21.00 0.0
SSE 48.23 269 Pc 13 23.00 0.4
1.1s 246.00nm 6.1mb
N 28s 7.00um
pP 13 36.00 48kmX
sP 13 40.00
PcP 14 48.00
PPP 16 12.00
ScP 18 40.00
sS 20 36.00
ScS 23 16.00
eSS 23 46.00
eSS 25 16.00
RSSD 48.53 68 iP 13 23.80 -1.3
1.5s 417.59nm 6.2mb
i 13 34.30 36km
RMU 48.70 80 iP 13 25.00 -1.4
i 13 34.00 30km
GLA 48.93 86 eP 13 27.00 -1.0
BTO 48.98 287 iPc 13 29.50 1.1
sP 13 42.50
PP 15 26.00
NJ2 49.04 272 iPc 13 28.50 -0.3
TIY 49.32 282 iPc 13 32.00 1.0
pP 13 44.00 43km
PcP 14 53.00
PP 15 26.00
S 20 39.00
KBS 49.77 357 iP+ 13 33.80 -0.1
Z 18s 7902.00um 8.8MszX
RSON 50.24 55 eP 13 36.40 -1.4
0.9s 44.12nm 5.5mb
Z 20s 3.39um 5.4Msz
i 13 48.30 42km
GOL 50.44 73 IP 13 39.20 -0.6
0.8s 154.76nm 6.1mb
Z 20s 9.25um 5.8Msz
i 13 49.00 33km
GLD 50.50 73 eP 13 40.50 0.3
1.5s 781.25nm 6.5mb
Z 20s 10.00um 5.8Msz
i 13 50.00 32km
DAG 51.43 6 iPd 13 44.50 -2.0
0.7s 13.70nm 5.0mb
i 15 46.00 693kmX
i 21 01.00
ANP 52.18 264 eP 13 54.00 1.1
TATO 52.35 263 eP 13 54.00 -0.1
ALQ 52.86 79 ePc 13 56.80 -1.3
1.2s 207.03nm 6.0mb
Z 22s 10.37um 5.8Msz
e 14 06.60 32km
FRB 52.87 32 ePc 13 55.50 -1.9
0.3s 26.00nm 5.7mb
WHN 52.88 274 iPc 13 57.50 -0.5
pP 14 09.00 40km
PcP 15 07.00
PP 16 00.00
iPcS 19 06.00
S 21 22.00
ScS 23 43.00
GDH 53.07 21 iPd 13 58.40 -0.5
1.0s 40.00nm 5.3mb
Z 18s 8.59um 5.8Msz
i 16 13.00
i 21 43.00
XAN 53.88 281 iPc 14 04.60 -0.7
pP 14 17.00 44km
PcP 15 10.00
PP 16 08.00
PPP 17 21.00
S 21 34.00
LHC 54.02 55 eP 14 04.50 -1.6
1.2s 347.00nm 6.3mb
QZH 54.18 266 iPc 14 08.00 0.5
pP 14 18.00 33km
PP 16 07.00

S 21 42.00
sS 21 58.00
LZH 55.59 286 Pc 14 18.00 0.0
5.0s 4077.00nm 6.7mb X
N 18s 13.10um
E 19s 15.10um
pP 14 29.00 37km
eS 22 03.00
GTA 55.77 292 iPc 14 19.00 -0.2
pP 14 32.00 46kmX
PP 16 25.00
iS 22 06.00
KEV 57.72 350 iP 14 31.00 -1.4
0.8s 29.40nm 5.4mb
Z 18s 8.90um 5.9Msz
i 14 39.90 29km
ePP 16 36.00
ePPP 17 56.00
eS 2[illegible] 26.00
esS 22 58.00
e 26 54.00
eSSS 29 08.00
LR 45 40.00
LTX 58.42 81 iP 14 36.10 -1.9
1.0s 52.00nm 5.6mb
Z 20s 2.29um 5.3Msz
i 14 47.00 37km
SZP 58.52 258 iPd 14 39.00 0.4
TRO 58.59 353 eP 14 37.00 -1.6
TUL 58.64 71 iPc+ 14 37.70 -1.7
1.1s 495.90nm 6.5mb
Z 21s 4.98um 5.6Msz
N 23s 1.68um
E 21s 4.76um
iS 22 41.50
GZH 58.81 269 Pc 14 41.00 0.4
pP 1[illegible] 53.00 42km
HKC 58.86 267 eP 1[illegible] 41.30 0.3
eS 22 47.00
RLO 58.92 70 iPc 14 39.40 -1.9
CHI 59.19 60 P 14 41.50 -1.6
CD2 59.19 282 iPc 14 43.00 -0.3
pP 14 55.50 44km
sP 15 01.00
S 22 49.00
BAG 59.31 257 ePc+ 14 42.00 -2.4
eS 22 50.00
WMQ 59.51 303 Pc 14 44.80 -0.6
PP 17 00.00
PPP 18 29.00
SCH 59.86 38 eP 14 45.00 -2.6
JCT 59.99 78 iP 14 46.80 -2.0
0.8s 123.13nm 6.1mb
Z 20s 14.72um 6.1Msz
SOD 60.04 349 iP 14 47.00 -1.6
e 4[illegible] 09.00
BHO 60.24 71 ePc 14 44.20 -6.2X
FVM 60.32 65 iP 14 49.00 -2.0
0.8s 83.33nm 5.9mb
i 14 58.00 29km
MAN 60.36 256 eP 15 02.00 16.7X
QCP 60.38 256 eP 15 10.00 18.5X
GYA 60.55 276 Pc 14 52.00 -0.7
pP 15 05.00 46kmX
PP 17 06.00
PcS 19 41.00
S 23 06.00
UTO 61.53 58 ePc 14 59.00 -0.1
ELF 61.64 56 P 14 59.00 -0.8
BGA 61.66 210 eP 15 03.00 2.7X
LDN 61.81 56 P 15 00.00 -1.0
MAP 62.03 250 iPc 15 01.00 -1.7
1.5s 160.00nm 5.9mb
AKU 62.25 9 iP 15 05.10 1.6
1.1s 60.76nm 5.6mb
i 15 48.90 188kmX
OTT 62.86 51 eP 15 06.50 -1.4
KJF 62.93 347 iP 15 06.60 -1.5
0.9s 98.00nm 5.9mb
Z 20s 6.40um 5.8Msz
ePP 17 24.00
ePPP 18 48.00
eS 23 32.00
esS 24 04.00
eSS 27 44.00
eSSS 30 56.00
eP'P' 44 04.00

24d 22h

LR 45 06.00
DAV 63.70 247 iP+ 15 11.00 -2.7
eS 23 46.00
MNT 63.78 49 iP 15 12.00 -1.9
KMI 63.95 278 Pc+ 15 15.00 -0.6
5.0s 2.90nm 3.6mb X
N 20s 4.00um
pP 15 32.00 63kmX
PP 17 37.00
S 23 46.00
sS 24 19.00
SS 27 03.00
QIZ 64.00 268 iPc 15 15.50 -0.2
pP 15 26.50 36km
PP 17 38.00
S 23 54.00
RSNY 64.05 51 eP 15 14.30 -1.5
1.0s 16.00nm 5.1mb
Z 20s 7.34um 5.9Msz
MDG 64.22 220 eP 15 17.00 0.0
SUF 64.56 348 iP 15 17.40 -1.3
0.5s 30.80nm 5.7mb
SKLY 64.61 51 eP 15 18.00 -1.4
PSCP 64.75 64 eP 15 18.60 -1.9
i 15 28.30 31km
LAT 65.01 28 eP 15 16.00 -6.2X
PPR 65.59 254 ePc 15 26.50 0.6
0.8s 62.20nm 5.8mb
MIM 66.11 47 iP 15 28.00 -0.9
BLA 66.43 60 eP 15 30.00 -1.2
0.9s 147.90nm 6.1mb
NUR 66.89 348 iP 15 31.90 -1.8
0.9s 155.40nm 6.1mb
Z 18s 5.50um 5.8Msz
i 15 50.90 72kmX
ePPP 19 52.00
eS 24 20.00
eScS 25 04.00
e 28 24.00
eSSS 32 08.00
eP'P' 44 00.00
LR 50 52.00
GMTN 66.95 53 iP 15 33.90 -0.5
i 15 57.30 91kmX
i 16 06.30
i 16 12.90
PMG 67.48 217 eP 15 37.00 -0.9
NB2 67.62 355 P 15 36.80 -1.6
0.8s 34.80nm 5.5mb
LSA 67.64 290 iPc 15 39.80 0.3
pP 15 52.00 41km
S 24 34.00
isS 24 49.00
PRM 67.67 63 iP 15 38.00 -1.0
i 15 47.00 29km
IIC 68.11 86 iPc 15 42.00 -0.3
JSC 68.14 62 P 15 41.10 -0.8
UPP 68.32 351 iP 15 41.50 -1.1
i 15 42.20 2kmX
iS 24 38.00
HFS 68.37 354 eP 15 41.70 -1.3
0.4s 20.60nm 5.6mb
BER 68.50 358 iP 15 48.00 4.3X
IIP 68.63 86 eP 15 41.50 -4.1X
KSH 68.70 307 iPc 15 45.00 -0.5
pP 15 58.00 45kmX
eS 24 50.00
SGE 68.79 184 eP 15 48.00 1.9
TPM 68.81 86 iPd 15 45.50 -1.0
KKM 70.05 254 ePd 15 54.00 0.0
SHL 70.26 286 iP 15 55.30 0.0
iS 25 05.00
LOE 70.29 273 eP 15 53.00 -2.3
STJ 70.95 36 eP 15 59.00 0.1
CHG 70.97 276 iPc 15 58.80 -0.7
1.0s 43.50nm 5.5mb
eS 25 28.00
CHTO 70.97 276 iP 15 59.00 -0.5
0.9s 30.90nm 5.4mb
PMO 71.30 149 eP 16 01.00 -0.3
1.2s 65.00nm 5.5mb
TPT 71.37 149 eP 16 02.00 0.3
1.2s 65.00nm 5.5mb
VHO 71.58 85 iP 16 05.00 1.6
VAH 71.61 149 eP 16 03.00 -0.1
1.2s 60.00nm 5.5mb
RUV 71.64 148 eP 16 03.00 -0.3

1.2s 100.00nm 5.7mb
BDT 72.11 275 eP 16 06.10 -0.2
1.0s 164.90nm 6.0mb
MUD 72.30 356 iPc 16 07.70 0.9
0.8s 31.00nm 5.4mb
KKN 72.49 293 iPc 16 09.70 1.0
PKI 72.58 292 iPc 16 10.10 0.7
NST 72.59 273 eP 16 09.20 0.1
DMN 72.73 293 iPc 16 11.20 1.0
COP 72.88 354 iPc+ 16 10.90 0.7
0.9s 90.76nm 5.8mb
Z 20s 4.79um 5.8Msz
iS 25 35.00
AFR 73.10 151 eP 16 13.00 1.1
1.2s 110.00nm 5.7mb
KOU 73.26 197 iPc 16 14.40 1.6
EKA 73.54 3 Pd 16 14.80 0.7
0.8s 35.50nm 5.4mb
KHT 74.23 274 eP 16 18.70 0.0
NOU 74.60 195 iPc 16 20.50 -0.1
NNT 75.19 272 eP 16 23.90 -0.3
DCN 75.34 5 iPc 16 24.50 0.0
DLE 75.44 5 eP 16 25.30 0.2
1.2s 220.00nm 6.0mb
VAR 75.69 293 eP 16 26.00 -1.0
WIT 76.05 357 iPd 16 31.00 2.5
NDI 76.35 299 iPc 16 29.00 -1.7
0.6s 46.67nm 5.7mb
Z 22s 5.19um 5.8Msz
N 22s 4.44um
E 22s 5.19um
eS 26 00.00
VAL 76.53 7 eP 16 32.00 0.8
S 26 20.00
DBN 76.81 358 iP+ 16 33.00 0.3
Z 20s 2.50um 5.5Msz
ePP 19 32.00
ePPP 21 23.00
iS 26 17.00
iPPS 27 21.00
eSS 31 22.00
WTS 76.86 357 iP 16 33.80 0.7
1.0s 68.00nm 5.6mb
CLL 77.19 353 ePc 16 34.00 -0.9
2.2s 220.00nm 5.8mb
Z 20s 4.50um 5.8Msz
eS 26 16.00
P'P' 43 43.00
MKS 77.21 244 iPd 16 35.50 0.0
KSP 77.35 350 eP 16 36.00 0.2
0.8s 43.00nm 5.5mb
MTN 77.49 230 eP 16 36.00 -1.0
0.7s 107.00nm 6.0mb
CTA 77.64 214 iPc 16 37.40 -0.3
1.2s 125.00nm 5.8mb
Z 20s 4.77um 5.8Msz
iS 26 24.00
iSS 31 20.00
PLH 77.85 357 ePc 16 38.20 -0.3
BNS 77.88 356 iPd 16 40.10 1.4
1.3s 125.00nm 5.8mb
MOX 77.95 353 eP+ 16 38.70 -0.5
1.5s 101.00nm 5.6mb
i 16 40.50 6kmX
i 17 16.00
ePPP 21 28.00
eS 26 28.00
eSS 31 15.00
ENN 78.12 357 iP 16 39.80 -0.2
0.8s 136.00nm 6.0mb
i 16 44.60 15kmX
UCC 78.13 358 P- 16 41.00 0.9
S 26 37.00
HOF 78.26 353 eP 16 40.10 -0.8
Z 17s 3.90um 5.8MszX
MEM 78.28 357 P 16 41.30 0.4
PRU 78.37 351 eP 16 40.50 -0.9
Z 21s 5.40um 5.9Msz
N 20s 5.40um
E 18s 5.30um
i 16 42.20 5kmX
PP 19 39.00
eS 26 31.00
TNS 78.56 355 eP 16 43.50 0.9
DOU 78.83 358 Pc+ 16 44.50 0.6
1.0s 132.50nm 5.9mb
Z 20s 3.20um 5.7Msz

S 26 39.00
GRF 78.93 354 iPc 16 44.50 0.0
Z 20s 5.70um 5.9Msz
e 16 46.50 6kmX
MHI 78.99 316 iPc+ 16 45.60 0.4
e 19 45.00
eSn 27 07.00
JOS 79.15 347 ePc 16 46.20 0.5
WLF 79.22 357 P 16 46.40 0.4
ScS 27 03.00
WET 79.35 352 iPc 16 46.40 -0.4
Z 18s 3.60um 5.8Msz
GCM 79.43 72 P 16 47.50 -0.1
GWF 79.85 356 eP 16 48.80 -0.7
ZST 79.87 350 eP 16 50.40 0.8
i 16 52.00 5kmX
VKA 79.89 350 iPc 16 49.60 -0.2
3.0s 448.00nm 5.9mb
Z 18s 4.00um 5.8Msz
i 17 56.30 283kmX
CLI 79.93 342 ePd 16 50.00 0.0
STU 79.97 355 eP+ 16 49.50 -0.7
1.0s 30.00nm 5.2mb
Z 20s 3.55um 5.7Msz
SRO 80.11 349 eP 16 53.30 2.4
N 20s 4.80um
E 20s 3.70um
e(S) 27 04.00
BUH 80.12 356 ePc 16 50.40 -0.6
FLN 80.18 1 iPd 16 51.20 0.0
PPE 80.18 342 ePd 16 52.00 0.7
BUD 80.34 348 eP 16 52.20 0.1
LDF 80.35 1 iPd 16 52.30 0.1
CDF 80.43 356 iPd 16 52.80 0.1
0.9s 40.60nm 5.4mb
FUR 80.44 353 eP 16 53.10 0.4
0.9s 73.00nm 5.7mb
IPM 80.54 265 ePd 16 52.70 -1.0
0.9s 42.50nm 5.4mb
e 17 21.10 110kmX
QUE 80.55 307 iP+ 16 53.00 -0.8
eS 26 56.00
GRR 80.55 2 iPd 16 53.30 0.1
VRI 80.69 342 ePc 16 55.00 1.0
ODB 80.72 342 eP 17 00.00 5.9X
CVO 80.84 343 iPd 16 55.50 0.6
HAU 80.87 357 iPd 16 55.00 0.0
0.9s 56.60nm 5.6mb
LPF 80.90 2 iPd 16 55.60 0.5
0.9s 87.90nm 5.8mb
BRD 80.97 342 ePd 16 56.50 1.0
SLE 81.01 355 eP 16 55.90 0.2
BSF 81.03 356 iPd 16 55.80 -0.1
0.9s 60.60nm 5.6mb
CFR 81.07 341 ePd 16 46.00 -10.0X
KGM 81.10 262 ePd 16 52.80 -3.8X
KNA 81.13 231 eP 16 57.00 0.4
MLR 81.20 343 iPd 16 58.00 1.1
ZUL 81.30 355 eP 16 57.80 0.5
DEV 81.34 345 iPd 16 59.50 2.1
KBA 81.36 352 iPc 16 57.70 0.0
0.8s 265.00nm 6.3mb
id 16 59.60 6kmX
i 17 35.80
i 20 17.80
e(S) 27 07.50
ISR 81.43 342 ePd 16 59.00 1.0
SAX 81.48 355 eP 16 59.80 1.3
COZ 81.65 344 iPd 17 01.00 1.7
GRC 81.65 359 iPc 16 59.00 0.0
LOR 81.67 358 iPd 16 59.20 0.1
OGA 81.75 353 eP 17 00.40 0.6
0.9s 98.00nm 5.8mb
LLS 81.88 355 eP 17 01.50 1.0
SSF 81.88 359 iPd 17 00.70 0.5
LBF 81.95 358 iPd 17 00.70 0.1
OSS 81.99 354 eP 17 01.70 0.7
CLO 82.15 345 iPc 17 02.00 0.4
AVF 82.16 359 iPd 17 02.20 0.6
WB2 82.20 224 iPc 17 01.20 -0.9
WRA 82.21 224 Pc 17 01.10 -1.1
1.5s 135.80nm 5.8mb
BUC 82.21 343 iP 16 54.00 -7.9X
VDL 82.24 354 eP 17 03.60 1.3
LJU 82.27 351 eP 17 03.20 0.9
eS 27 12.50
e 28 16.00

24d 22h

BUC1	82.29	343	iPd	17	00.00	-2.3
SMF	82.29	358	iPd	17	02.90	0.5
MFF	82.35	1	iPd	17	03.40	0.8
VOY	82.35	351	eP	17	02.30	-0.5
BGF	82.40	359	iPd	17	03.40	0.5
CGN	82.47	343	ePd	17	03.50	0.2
PSN	82.50	341	iPc	17	05.00	1.6
CTI	82.52	353	e(P)	17	03.50	-0.2
	0.6s	2000.00nm			7.4mb	X
BBJ	82.57	70	eP	17	05.20	0.9
TCF	82.67	360	iPd	17	04.60	0.2
TRI	82.68	351	iPc	17	03.00	-1.4
			iPP	20	21.00	
			iPPP	22	12.00	
			eS	27	18.00	
			e	27	43.00	
			iSP	28	20.00	
			iSPP	29	28.00	
			iSS	32	36.00	
			eSSS	36	44.00	
LSF	82.71	0	iPd	17	04.80	0.3
MZF	82.74	359	iPd	17	05.20	0.5
DIX	82.75	356	eP	17	06.00	0.9
MMK	82.75	356	eP	17	06.10	1.0
BEO	82.75	347	iP	17	04.70	-0.1
			iPcP	17	14.90	
			ePP	20	26.50	
			e	23	48.50	
			ePS	28	09.50	
			e	38	20.50	
			e	39	18.50	
RMQ	82.78	209	eP	17	06.00	1.0
EMS	82.78	356	eP	17	06.00	0.8
TEH	82.84	321	eP	17	06.00	0.4
PLDF	82.97	359	iPc	17	06.30	0.3
SAL	83.04	354	eP	17	06.40	0.2
	0.8s	160.00nm			6.2mb	
STH	83.08	70	eP	17	09.10	2.2
HOJ	83.17	70	eP	17	10.44	3.1X
ORO	83.18	355	eP	17	07.40	0.3
	0.8s	6000.00nm			7.7mb	X
PYM	83.20	359	eP	17	07.20	0.0
PVL	83.61	343	iPc	17	09.00	-0.2
SSB	83.65	358	iP	17	09.00	-0.4
RJF	83.66	0	iPd	17	10.00	0.6
	1.0s	128.00nm			6.0mb	
JMB	83.99	342	iPd	17	12.00	0.8
LFF	84.02	1	iPd	17	11.90	0.7
CAF	84.03	360	iPd	17	11.90	0.5
LPO	84.28	0	iPd	17	13.00	0.5
FOUF	84.32	356	P	17	13.90	1.2
DMK	84.38	341	iPc	17	13.10	0.0
HYB	84.42	291	iPc	17	13.50	-0.2
	0.9s	387.50nm			6.6mb	
VTS	84.49	344	iPc	17	14.00	0.4
DIM	84.59	342	iP	17	15.00	0.8
ISK	84.82	339	eP	17	15.50	0.2
PPI	84.84	263	eP	17	14.70	-1.1
	0.7s	28.70nm			5.6mb	
CTT	84.88	340	eP	17	16.00	0.3
KDZ	85.03	342	iPc	17	16.00	-0.4
CDR	85.21	357	ePd	17	16.00	-1.3
			i	17	18.80	9kmX
			e	20	45.80	
MSL	85.27	327	ePd	17	17.40	-0.2
			e	17	52.00	136kmX
			e	27	38.50	
TTG	85.27	347	iP	17	17.20	-0.3
			e(S)	28	14.00	
FRF	85.30	356	iPd	17	18.40	0.7
MMB	85.38	344	iPc	17	18.00	-0.2
SKO	85.39	345	iPc	17	18.40	0.2
	1.0s	160.00nm			6.2mb	
			iPP	20	38.00	
			iS	27	48.00	
LRG	85.41	357	iPd	17	19.00	0.8
	1.0s	137.50nm			6.1mb	
MFT	85.47	341	iP	17	20.50	1.8
LMR	85.53	356	iPd	17	19.40	0.6
ASPA	85.68	223	iPc	17	19.90	0.2
	1.3s	125.00nm			6.0mb	
			eSKS	27	05.00	
			eS	27	46.00	
KER	85.69	324	eP	17	21.00	1.0
EDC	85.77	340	eP	17	20.80	0.7
KGT	85.79	341	eP	17	21.00	0.8
VAY	85.84	344	iPc	17	20.50	0.1
SRS	85.86	343	eP	17	20.40	-0.2
EPF	85.92	1	iPd	17	20.40	-0.5
	0.9s	37.60nm			5.6mb	
KNT	85.94	344	ePc	17	20.90	-0.1
MLS	86.00	0	eP	17	21.00	-0.2
CVF	86.18	355	iPd	17	22.20	0.1
SOH	86.19	344	ePc	17	22.70	0.4
GRG	86.22	344	ePd	17	23.90	1.5
POO	86.24	295	iP	17	23.00	0.2
			iS	27	56.00	
DST	86.31	339	iP	17	22.60	-0.3
OHR	86.33	346	eP	17	22.10	-0.9
			eS	27	36.00	
THE	86.44	344	ePc	17	22.80	-0.6
BOM	86.54	296	iP	17	24.00	-0.2
OUR	86.55	343	ePc	17	23.90	0.0
EZN	86.59	341	eP	17	21.80	-2.3
DUI	86.62	350	iPc	17	24.70	0.5
	0.8s	140.00nm			6.2mb	
KZN	86.96	345	eP	17	25.00	-1.1
PAIG	87.00	343	ePc	17	25.00	-1.1
LIT	87.04	344	ePc	17	26.30	-0.1
BRT	87.07	348	iPc	17	26.00	-0.4
PRK	87.16	341	eP	17	27.00	0.1
LCI	87.51	348	iPc	17	28.00	-0.6
SGO	87.62	350	eP	17	29.00	-0.1
BHD	87.65	325	ePd	17	30.00	0.6
			ePP	20	42.00	
			eS	27	57.50	
			eScS	28	11.00	
			iPS	29	07.50	
			e	30	40.00	
SHI	87.69	317	eP	17	29.00	-0.9
IZM	87.77	340	eP	17	30.00	0.1
ORI	87.98	349	eP	17	31.30	0.5
	1.1s	480.00nm			6.7mb	
GBA	88.08	289	Pd	17	31.80	0.2
	0.9s	271.70nm			6.5mb	
EBR	88.13	1	eP	17	31.00	-0.5
			e	20	45.00	
			e	28	14.00	
			e	28	32.00	
			e	29	41.00	
MTE	88.21	7	iPc	17	31.70	-0.4
COI	88.33	8	eP	17	32.00	-0.5
CMS	88.34	210	eP	17	32.00	-0.4
UPA	88.55	78	iPd	17	34.20	0.3
	0.9s	63.87nm			5.9mb	
Z	20s	1.77um			5.5Msz	
ELL	88.75	338	eP	17	33.80	-1.0
YER	88.76	339	iP	17	34.80	0.1
ATH	88.89	343	ePc	17	34.00	-1.2
TOL	88.94	4	iPd	17	35.00	-0.5
	1.0s	6.00nm			4.9mb	
			iPP	21	06.00	
			iS	28	18.00	
			iPS	29	50.00	
			iSS	34	10.00	
			iSSS	38	10.00	
RIV	89.00	205	eP	17	37.00	1.5
			eS	27	01.00	
			e	27	25.00	
KRP	89.13	185	Pc	17	37.80	1.8
SJG	89.13	62	e(P)	17	36.00	-0.7
	0.8s	119.40nm			6.3mb	
Z	22s	7.41um			6.1Msz	
RTB	89.21	328	ePd	17	38.00	1.2
			eSKS	28	05.50	
			e	28	22.00	
			e	28	31.50	
			e	29	40.50	
VLS	89.23	345	eP	17	36.00	-0.9
MTH	89.57	8	iPc	17	39.00	0.5
CSS	89.57	334	eP	17	39.00	0.4
			e	17	47.00	25km
BHL	89.91	332	PKP	17	40.00	-0.3
STK	90.09	213	iPc	17	41.30	0.6
MBL	90.18	235	eP	17	40.00	-1.3
YOU	90.18	207	eP	17	42.00	0.9
HRI	90.48	332	eP	17	42.60	-0.3
ALI	90.58	2	iP-	17	43.50	0.4
			ePP	21	26.50	
KOD	90.72	287	eP	17	45.50	1.0
CAN	90.99	206	eP	17	46.30	1.5
WBN	91.07	227	eP	17	47.00	1.6
	0.5s	11.00nm			5.5mb	
NPS	91.14	341	eP	17	44.50	-1.3
CRT	91.65	4	iPd	17	49.50	1.3
MNG	91.82	185	P	17	47.00	-1.4
WAM	91.84	206	eP	17	50.50	1.9
JER	92.04	332	ePd	17	49.50	-0.6
LGN	92.60	70	eP	17	56.00	3.3X
PAG	93.27	59	eP	17	56.00	0.1
RMN	93.40	332	eP	17	55.50	-0.8
TOV	93.76	69	eP	18	00.30	2.1
SDV	93.98	71	eP	18	01.00	1.6
MDN	94.01	60	eP	18	00.00	0.8
TOO	94.09	208	eP	18	00.00	1.6
CAR	94.84	67	iPd	18	64.00	0.8
	1.0s	80.00nm			6.1mb	
Z	20s	4.08um			5.9Msz	
N	20s	3.90um				
E	20s	1.60um				
HLW	94.93	334	eP	18	06.00	2.7
			e	28	32.00	
			i	30	58.00	
AVE	95.28	8	iP	18	05.00	0.1
MEK	95.34	233	eP	1	04.50	-0.5
CNCB	115.70	85	PKP	23	24.00	-0.5
TPZ	118.71	89	ePKP	23	32.00	2.1
YJA	121.24	87	ePKPc	23	34.60	-0.2
DRV	121.91	198	ePKP	23	42.50	8.5X
NAI	121.91	317	iPKPd	23	27.00	-9.0X
	1.0s	31	00nm			
KIC	122.19	7	iPKP	23	35.20	-1.0
	0.8s	140.00nm				
BNG	122.49	340	iPKPc	23	35.00	-1.8
	0.9s	81.00nm				
			ic	24	06.50	
			id	25	23.10	
			id	37	34.76	
SOB1	125.45	55	ePKP	23	40.50	-2.1
	0.7s	4.80nm				
			e	23	41.80	
			e	23	48.00	
			e	23	54.50	
			e	2	13.70	
ITR	126.31	52	ePKP	23	43.10	-1.2
	1.8s	16.70nm				
			e	23	48.70	
			e	23	51.50	
BAO	126.88	66	PKPc	23	45.10	-0.3
			e	23	51.30	
TCA	128.32	94	ePKPc	23	47.60	-0.1
SBA	129.33	184	iPKPc	23	49.70	1.6
	2.0s	223.53nm				
			i	23	59.30	
VAO	133.23	71	e(PKP)	24	00.00	2.8
			e	26	34.20	
			e	26	40.40	
VBA	134.33	99	ePKPd	23	57.50	-1.3
MTD	138.00	314	ePKP	23	55.00	-11.4X
			iSKP	27	38.00	
KRI	138.90	317	ePKP	24	00.00	-8.1X
			iSKP	27	42.00	
SPA	141.23	180	e(PKP)	24	04.60	-6.2X
Z	20s	1.17um			5.6Msz	
BUL	142.27	316	iPKPd	24	09.60	-4.5X
			iSKP	27	51.30	
AIA	144.60	138	e(PKP)	24	17.00	0.5
JOZ	146.81	304	iPKPc	24	25.50	4.1X
	1.0s	288.00nm				
SLR	147.27	311	iPKPc+	24	22.60	0.3
	1.0s	590.00nm				
Z	20s	3.55um			6.1Msz	
BFS	148.95	312	iPKPd	24	26.70	1.7
	0.8s	514.93nm				
SEK	149.76	310	iPKPc	24	30.90	4.7X
	0.9s	259.66nm				
BLF	151.10	311	iPKPc	24	34.00	5.8X
	0.9s	278.46nm				
SNA	160.96	176	e(PKP)	24	39.50	0.3
	S.D. = 1.0	on 399 of 424 obs.				

* MAY 24, 1985 22h 5.m 14.28± 3.05s
24.450 N ± 6.2km 121.890 E ±39.5km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWC	0.16	347	iPc	53	17.50	-0.5
TWD	0.46	216	iPd	53	23.00	-0.5
			eS	53	30.00	
TATO	0.64	325	iP	53	27.10	0.0
			iS	53	36.00	

24d 22h

TWZ	0.70	336	iPc	53 28.00	-0.2
			eS	53 39.00	
ANP	0.81	335	iPc	53 30.60	0.6
	0.6s	640.00nm			
			eS	53 41.70	
TWF1	1.22	207	iPc	53 37.50	0.5
	S.D. = 0.7	on	6 of	6 obs.	

• MAY 24, 1985 23h 44m 38.49± 1.60s
26.495 S ± 8.9km 64.439 W ±23.4km
DEPTH = 33.0km (normal)
TUCUMAN PROVINCE, ARGENTINA (131)

FSA	1.47	286	iPc	45 01.80	-1.1
			S	45 21.00	
SLA	2.00	331	ePc	45 11.80	1.0
			S	45 38.20	
CYA	2.28	211	e(P)	45 16.00	1.3
			S	45 47.50	
YJA	4.41	347	eP	45 45.00	-0.3
TCA	4.83	182	ePd	45 49.90	-0.9
			S	47 09.00	
	S.D = 1.6	on	5 of	5 obs.	

MAY 24, 1985 23h 50m 59.72± 0.68s
16.549 N ± 4.3km 120.917 E ± 6.0km
DEPTH = 11.8 ± 3.9 km
5.0mb (17 obs.)
LUZON, PHILIPPINE ISLANDS (249)
Felt (III RF) at Baguio and (II RF) at Santa.

BAG	0.35	247	iPc+	51 05.90	-1.2
SZP	1.09	336	iPd	51 19.50	-0.5
PIP	1.79	351	iPd	51 31.00	0.4
			iS	51 51.00	
MAN	1.88	175	eP	51 32.30	0.3
			eS	51 54.70	
PPR	7.06	198	ePd	52 47.20	1.8
	1.0s	69.00nm			5.7mb X
TATO	8.40	4	eP	53 06.00	1.8
	0.9s	75.02nm			6.0mb X
HKC	8.56	313	eP	53 03.90	-2.5
			eS	54 37.50	
QZH	8.63	346	eP	53 06.00	-1.3
			eS	54 36.00	
GZH	9.65	314	eP	53 22.00	0.6
DAV	10.45	154	eP	53 37.20	4.7X
QIZ	10.83	285	eP	53 34.50	-3.2X
			eS	55 30.80	
NJ2	15.55	353	eP	54 42.00	1.7
GYA	16.51	309	P	54 55.00	2.1
LOE	18.37	275	eP	55 16.00	-0.1
KMI	18.99	300	Pc	55 26.50	2.5X
N	12s	2.40um			
			eS	59 07.00	
TIA	19.87	351	eP	55 33.70	0.0
			eS	59 03.50	
NST	19.99	270	eP	55 35.60	0.6
XAN	20.49	330	eP	55 40.20	0.0
			S	59 30.00	
NNT	20.87	262	eP	55 45.00	0.7
BDT	20.98	275	eP	55 46.80	1.5
	1.0s	91.10nm			5.1mb
CHG	21.05	279	iPc	55 47.00	0.8
	0.8s	11.19nm			4.3mb
CHTO	21.05	279	iP	55 46.50	0.4
	1.8s	88.03nm			4.8mb
CD2	21.20	315	eP	55 49.00	1.4
			eS	59 43.00	
AAI	21.35	160	eP	55 54.40	5.2X
TIY	22.37	342	eP	56 01.80	2.5X
			S	00 04.00	
IPM	22.86	241	ePd	56 07.30	3.1X
BJI	23.77	351	eP	56 14.00	1.2
			eS	00 18.00	
			esS	00 37.00	
			esP	56 30.00	
LZH	24.68	325	eP	56 23.50	1.5
N	12s	1.20um			
E	12s	2.20um			
			eS	00 53.50	
SNY	25.30	5	Pd	56 27.00	-0.5
			S	00 48.00	
HHC	25.53	243	P	56 31.50	1.5
PSI	25.64	240	eP	56 33.00	2.0
	1.0s	51.10nm			5.2mb
BTO	25.76	341	eP	56 32.00	-0.1
PPI	26.37	232	eP	56 37.20	-0.6
CN2	27.44	7	eP	56 49.20	1.9
MDJ	28.92	13	eP	57 00.00	-0.7
GTA	29.29	325	P	57 06.90	2.7X
PKI	34.57	295	eP	57 49.70	-1.3
	0.9s	20.00nm			5.0mb
KKN	34.73	295	eP	57 51.00	-1.2
	0.9s	26.00nm			5.1mb
DMN	34.84	295	eP	57 52.20	-1.0
	0.9s	30.00nm			5.2mb
WRA	38.59	160	Pd	58 23.20	-1.3
	0.8s	21.10nm			4.9mb
WB2	38.59	159	eP	58 23.30	-1.2
WMQ	39.10	321	eP	58 27.70	-0.9
			S	04 19.20	
ASPA	41.93	162	eP	58 52.00	-0.1
GBA	42.03	272	P	58 53.40	0.4
WBN	42.79	172	eP	58 59.00	0.0
CTA	44.10	145	iPc	59 12.00	2.2
	1.6s	116.67nm			5.5mb
MHI	57.49	303	eP	00 51.00	-0.4
IR2	64.46	302	eP	01 37.00	-1.7
TTA	72.26	28	eP	02 26.50	-0.2
IMA	73.15	25	eP	02 32.00	0.0
PWA	75.22	30	eP	02 42.40	-1.4
COL	75.71	26	eP	02 46.00	-0.6
	1.0s	12.50nm			4.9mb
KEV	75.96	339	eP	02 48.00	0.1
	0.6s	10.40nm			5.1mb
SOD	76.51	337	eP	02 51.00	0.0
KJF	76.64	333	eP	02 52.00	0.2
	0.7s	20.00nm			5.3mb
SUF	77.61	332	iP	02 56.10	-1.1
NUR	78.80	330	eP	03 03.00	-0.7
	0.7s	13.30nm			5.1mb
INK	80.39	21	eP	03 12.00	-0.2
MBC	80.73	12	eP	03 13.00	-0.9
UPP	82.35	330	iP	03 23.90	1.4
DAG	83.86	351	iPc	03 28.60	-1.5
	0.6s	4.67nm			4.9mb
			i	03 32.00	
HFS	84.09	331	eP	03 31.20	-0.3
	0.5s	3.90nm			4.9mb
NB2	84.84	333	P	03 34.40	-0.9
	0.8s	10.40nm			5.1mb
VAY	85.34	312	e(P)	03 37.00	-1.1
SKO	85.94	312	e(P)	03 45.00	3.8X
KSP	86.25	322	eP	03 43.00	0.5
OHR	86.67	312	e(P)	03 42.50	-2.4
PRU	87.61	322	eP	03 53.00	3.9X
CLL	87.98	323	eP	03 58.00	7.1X
KHC	88.53	321	Pd	03 58.10	4.5X
			e	04 35.50	
KBA	89.50	319	i(P)	04 04.80	6.3X
	1.0s	4.90nm			4.7mb
VOY	89.57	318	e(P)	03 54.00	-4.7X
YKA	90.08	23	eP	04 02.10	1.5
JCT	118.99	40	ePKP	09 53.50	3.0X
	S.D. = 1.2	on	60 of	74 obs.	

? MAY 25, 1985 00h 31m 34.22±13.23s
33.088 S ±18.3km 72.361 W ±106.km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH	1.14	85	iPd	31 53.40	-0.7
			iS	32 04.60	
TACH	1.32	116	iPc	31 56.00	-0.5
			iS	32 11.00	
PEL	1.41	93	iPd	31 58.30	0.5
			iS	32 13.80	
SAN	1.47	105	iPd	31 58.40	-0.3
			iS	32 15.30	
JACH	1.54	75	iPc	31 59.90	0.1
			iS	32 17.50	
BACH	1.59	100	iPd	32 00.60	0.1
			iS	32 18.70	
PCH	1.63	109	iP	32 01.00	-0.1
			iS	32 19.50	
CHCH	1.66	121	iPc	32 01.80	0.4
FCH	1.75	98	iPd	32 03.50	0.4
			iS	32 25.40	
MDZ	2.96	87	iP	32 25.20	5.2X
			iS	32 59.70	
RFA	3.65	118	e(P)	32 38.00	8.2X
TCA	6.81	77	e(P)	33 14.60	0.1
			S	34 39.00	
	S.D. = 0.5	on	10 of	12 obs.	

• MAY 25, 1985 01h 47m 06.92± 0.65s
11.818 S ± 9.3km 74.571 W ±13.4km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
PERU (116)

ARE	5.50	147	eP	48 30.00	1.0
CNCB	8.09	129	P	49 06.20	0.6
PSO	13.21	348	eP	50 14.00	-1.2
BOG	16.34	2	eP	50 57.50	1.5
PEL	21.52	171	iPd	51 54.00	-1.3
TOV	21.98	13	eP	52 08.50	8.4X
ATB	23.70	71	e(P)	52 15.70	-1.1
BAO	26.09	101	eP	52 39.50	-0.3
SOB1	33.20	89	eP	53 51.50	8.3X
ITR	35.68	89	e(P)	54 04.00	-0.5
RLO	51.48	339	eP	56 11.00	-0.4
TUL	51.53	338	e(P)	56 11.80	0.0
	0.8s	5.80nm			4.6mb
ALQ	55.46	328	eP	56 40.50	-0.6
	0.9s	3.15nm			4.3mb
MNT	57.06	1	iPd	56 52.00	-0.1
YKA	80.34	342	eP	59 17.50	1.5
INK	90.05	341	eP	00 05.00	0.8
	S.D. = 1.1	on	14 of	16 obs.	

? MAY 25, 1985 02h 58m 41.45±11.21s
33.036 S ±24.9km 71.981 W ±88.8km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.82	86	iPd	58 55.70	-1.1
TACH	1.07	125	iPc	58 59.50	-0.7
			iS	59 15.40	
PEL	1.09	96	iPd	59 00.70	0.2
			iS	59 17.60	
SAN	1.18	111	iPd	59 01.50	-0.3
			iS	59 19.20	
BACH	1.29	105	iPd	59 03.50	0.2
			iS	59 23.00	
PCH	1.36	116	iPc	59 04.40	0.0
			iS	59 24.60	
CHCH	1.43	129	iPd	59 05.10	-0.2
FCH	1.45	102	iPd	59 06.10	0.2
			iS	59 29.00	
MDZ	2.64	88	iP	59 26.40	3.7X
			iS	00 03.00	
ZON	3.17	63	eP	59 35.00	4.8X
RFA	3.40	122	e(P)	59 34.50	1.0
TCA	6.49	77	ePc	00 17.80	0.6
			S	01 35.80	
	S.D. = 0.7	on	10 of	12 obs.	

& MAY 25, 1985 03h 22m 01.10s
35.390 N 118.630 W
DEPTH = 6.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.0 (PAS).

ISA	0.30	25	iPc	22 06.80	-0.4
WKTM	0.43	21	eP	22 08.90	-0.9
VPEM	0.87	50	iP	22 17.10	-1.1
CLC	0.94	63	iPc	22 18.30	-1.2
SBB	0.96	136	iPd	22 18.60	-1.2
SDW	1.50	121	eP	22 28.50	-0.1
	6 obs. ossociated				

? MAY 25, 1985 03h 43m 28.88± 1.68s
2.493 N ±23.3km 128.107 E ±44.7km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
HALMAHERA (267)

AAI	6.14	179	ePc	44 59.70	0.0
WRA	23.12	165	Pc	48 33.20	0.0
	0.6s	3.80nm			4.1mb
WB2	23.12	165	eP	48 33.20	0.0
PKI	47.80	306	eP	52 05.70	-0.1
	0.5s	9.00nm			5.0mb X
KKN	47.99	306	eP	52 07.20	0.0
	0.5s	13.00nm			5.2mb X
DMN	48.06	306	eP	52 07.90	0.1
	0.6s	12.00nm			5.1mb X
	S.D. = 0.1	on	6 of	6 obs.	

? MAY 25, 1985 03h 50m 08.42± 3.05s
33.455 S ±14.6km 71.949 W ±26.6km
DEPTH = 33.0km (normol)
NEAR COAST OF CENTRAL CHILE (135)

TACH	0.87	103	iPd	50	24.50	0.3
			iS	50	42.00	
ROCH	0.92	59	iPc	50	23.30	-1.9
			iS	50	31.50	
SAN	1.08	90	iPc	50	27.50	0.2
			iS	50	49.00	
PEL	1.10	74	iPc	50	27.70	0.1
			iS	50	45.30	
CHCH	1.18	114	iPc	50	29.00	0.3
PCH	1.21	98	iPd	50	30.00	0.8
BACH	1.22	86	iPc	50	29.50	0.1
FCH	1.39	85	iPc	50	32.50	0.4
			iS	50	58.50	
MDZ	2.66	78	iP	50	54.60	4.6X
			iS	51	36.70	
RFA	3.17	115	eP	50	58.70	1.4
			S	51	03.50	
ZON	3.36	56	eP	51	05.00	5.1X
VBA	9.31	122	e(P)	52	21.00	-2.4
SLA	10.36	35	e(P)	52	54.00	16.0X
CNCB	16.96	13	P	54	06.00	0.7

S.D. = 1.3 on 11 of 14 obs.

& MAY 25, 1985 04h 19m 39.20s
35.913 N 120.517 W
DEPTH = 10.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.1 (BRK), 3.3 (PAS).

PHAM	0.12	129	iPc	19	42.30	0.0
PRI	0.26	332	iPc	19	44.60	-0.1
LLA	0.78	334	eP	19	54.20	-0.2
PRS	0.81	301	iPc	19	54.00	-0.9
			eS	20	05.90	
SAO	1.13	319	eP	19	58.70	-1.7
FRI	1.26	31	eP	20	00.70	-1.9
			eS	20	16.80	
SLD	1.29	334	eP	20	02.20	-0.9
BLP	1.35	176	eP	20	03.00	-1.1
SYP	1.45	162	iPd	20	04.60	-1.0
ARN	1.65	331	eP	20	06.50	-1.9
MHC	1.69	328	e(P)	20	07.50	-1.5
WKTM	1.69	93	eP	20	06.50	-2.5
JAS1	2.01	2	eP	20	12.00	-1.6
			eS	20	39.20	
PCC	2.18	317	e(P)	20	13.30	-2.7
EUR	5.07	44	iP	21	15.20	17.9

15 obs. associated

• MAY 25, 1985 04h 34m 18.59± 1.24s
40.528 N ± 6.3km 22.351 E ±11.7km
DEPTH = 13.0 ± 8.5 km
GREECE (364)

GRG	0.43	5	ePgc	34	27.30	-0.2
			eSg	34	34.30	
LIT	0.44	166	ePgc	34	27.70	0.1
			eSg	34	35.10	
THE	0.48	77	ePg	34	27.80	-0.5
			eSg	34	34.50	
KNT	0.76	33	ePg	34	33.30	0.2
			eSg	34	45.30	
VAY	0.81	12	iPg	34	34.00	0.0
			iSg	34	45.00	
SOH	0.82	69	ePgc	34	34.50	0.3
			eSg	34	45.80	
SRS	1.11	58	ePg	34	39.30	0.1
			eSg	34	54.50	

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

MAY 25, 1985 04h 35m 35.26± 0.74s
40.542 N ± 5.5km 22.400 E ± 6.8km
DEPTH = 10.9 ± 7.6 km
GREECE (364)

GRG	0.41	0	ePgc	35	43.80	0.0
			eSg	35	50.50	
THE	0.44	78	ePgc	35	44.60	0.4
			eSg	35	51.60	
LIT	0.45	171	ePgc	35	44.10	-0.3
			eSg	35	51.50	
KNT	0.72	31	ePgd	35	49.70	0.3
SOH	0.78	69	iPgc	35	50.90	0.5
			iSg	36	01.90	
VAY	0.79	9	iPg	35	50.00	-0.5
			iSg	36	02.80	
OHR	1.34	296	ePn	36	00.40	0.5
MMB	1.45	43	iPd	36	01.00	-0.4
VTS	2.14	16	eP	36	16.00	4.6X
KDZ	2.48	63	iP	36	24.00	7.7X

S.D. = 0.6 on 8 of 10 obs.

? MAY 25, 1985 04h 55m 38.92± 4.58s
39.524 N ±32.5km 28.613 E ±24.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.08	8	iPg	55	40.60	-0.9
EDC	1.00	325	iPg	55	56.80	-1.1
			iSg	56	18.80	
KGT	1.37	313	ePn	56	03.80	-0.2
ISK	1.58	12	ePn	56	19.00	12.0X
MFT	1.62	321	ePn	56	09.00	1.3
CTT	1.63	355	ePn	56	08.80	1.1
EZN	1.79	280	iPn	56	09.80	-0.3
DMK	2.39	344	ePn	56	21.00	2.3X

S.D. = 1.3 on 6 of 8 obs.

% MAY 25, 1985 06h 43m 42.35± 0.86s
60.820 N ± 6.5km 5.109 E ±10.2km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.2 (BER).

SUE	0.29	325	iPg	43	48.50	0.1
			eSg	43	53.70	
ASK	0.34	173	iPg	43	48.50	-0.9
			eSg	43	53.60	
HYA	0.63	56	iPg	43	54.70	-0.3
			eSg	44	04.30	
ODD	1.17	138	ePn	44	04.70	0.5
			eSn	44	20.00	
KMY	1.62	177	ePn	44	11.50	0.6
			eSn	44	30.00	

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

? MAY 25, 1985 09h 40m 47.59± 1.27s
33.358 N ±11.9km 31.500 E ±12.2km
DEPTH = 33.0km (normol)
EASTERN MEDITERRANEAN SEA (371)

CSS	2.21	43	eP	41	23.00	0.4
			eS	41	45.50	
ADI	3.13	94	eP	41	37.00	1.2
JER	3.50	116	eP	41	40.00	-1.1
			eS	42	19.00	
BHL	3.51	80	Pn	41	40.00	-1.2
			Sn	42	19.00	
HRI	3.55	90	eP	41	42.00	0.2
ELL	3.63	339	iPn	41	44.80	1.9X
BCK	4.16	350	iPn	41	52.10	1.7X
PRNI	4.23	134	eP	41	52.00	0.7
			eS	42	37.00	
ALT	5.80	349	iPn	42	13.90	0.3
IZM	6.09	327	iPn	42	17.40	-0.3

S.D. = 1.0 on 8 of 10 obs.

• MAY 25, 1985 10h 14m 54.38± 0.73s
15.399 S ±11.8km 71.732 W ±11.4km
DEPTH = 167.1 ± 12.2 km
SOUTHERN PERU (117)

ARE	1.08	168	eP	15	22.00	-0.1
			iS	15	42.50	
CNCB	3.87	112	iP	15	54.90	0.3
			iS	16	42.00	
NNA	6.01	304	iPd	16	22.40	0.1
	0.5s		52.82nm			5.0mb X
			eS	17	28.00	
TPZ	6.68	155	iP	16	54.00	22.5X
			i	16	57.00	
ANT	8.36	172	eP	16	53.50	0.1
			eS	18	24.00	
YJA	8.95	140	iPc	17	01.40	-0.4
ATB	22.67	60	Pd	19	42.00	-0.3
VAO	24.55	112	eP	20	00.70	0.3
SPA	74.70	180	e(P)	26	23.00	5.8X
YKA	84.58	341	eP	27	15.30	5.8X
GBA	150.11	89	PKPd	34	28.80	6.6X

0.4s 2.00nm
S.D. = 0.4 on 7 of 11 obs.

MAY 25, 1985 10h 39m 57.07± 0.28s
46.084 N ± 3.4km 6.840 E ± 2.6km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.9 (KBA).

EMS	0.06	103	iPd	39	58.80	-0.8
DIX	0.40	90	iPd	40	04.90	-0.4
MMK	0.78	92	iPd	40	11.30	-1.2
ORO	0.92	120	ePg	40	13.00	-1.7
			iSg	40	25.50	
FOUF	1.56	182	P	40	25.60	0.8
			Sn	40	45.90	
LLS	1.68	61	iP+	40	30.10	3.2X
BSF	1.75	359	Pn	40	28.00	0.3
			Pg	40	31.30	
			Sg	40	54.70	
ZUL	1.76	37	iP+	40	28.10	0.3
SSB	1.80	244	iPn	40	28.50	0.1
			iPg	40	31.00	
			iSg	40	54.00	
HAU	1.95	350	Pn	40	31.00	0.4
			Pg	40	34.70	
			Sg	41	01.20	
SLE	2.03	33	iP+	40	31.30	-0.4
SAX	2.08	55	iPd	40	37.70	5.0X
SMF	2.15	286	Pn	40	33.90	0.4
			Pg	40	38.00	
			Sg	41	05.30	
LBF	2.17	296	Pn	40	34.40	0.6
			Pg	40	38.60	
			Sg	41	08.10	
PLDF	2.25	268	ePn	40	35.00	0.1
			iPg	41	39.70	
			iSg	41	09.50	
CDF	2.35	7	Pn	40	36.00	-0.4
			Pg	40	42.60	
			Sg	41	14.20	
LOR	2.37	301	Pn	40	37.00	0.4
			Pg	40	42.10	
			Sg	41	12.20	
SSF	2.50	294	Pn	40	38.80	0.4
			Pg	40	45.10	
			Sg	41	17.30	
AVF	2.51	288	Pn	40	39.00	0.4
			Pg	40	45.60	
			Sg	41	16.40	
FRF	2.53	183	Pn	40	39.40	0.6
			Pg	40	44.10	
			Sg	41	17.50	
LRG	2.65	188	Pn	40	41.00	0.4
			Pg	40	46.20	
			Sg	41	21.80	
PYM	2.70	264	ePn	40	41.50	0.2
			iPg	40	48.40	
			iSg	41	23.40	
BUH	2.76	19	ePnc	40	40.90	-1.3
LMR	2.76	185	Pn	40	42.50	0.3
			Pg	40	48.00	
			Sg	41	23.80	
BGF	2.81	281	Pn	40	42.80	0.0
			Pg	40	50.50	
GRC	2.86	296	iPnd	40	45.00	1.4
			iPg	40	52.00	
GWF	2.94	10	iPnc	40	43.60	-1.1
OGA	3.00	73	iPc	40	52.20	6.5X
TCF	3.22	275	Pn	40	48.40	-0.3
			Pg	40	57.90	
			Sn	41	25.70	
			Sg	41	40.20	
CTI	3.35	89	ePn	40	53.50	2.9
			e(Sn)	1	36.00	
CAF	3.55	253	Pn	40	53.00	-0.4
			Pg	41	04.00	
			Sg	41	50.00	
WLF	3.61	353	Pg	41	06.60	12.4X
LSF	3.69	274	Pn	40	55.50	6.*
			Pg	41	06.30	
			Sg	41	53.40	
RJF	3.81	260	Pn	40	57.00	-0.1
			Pg	41	08.60	
			Sg	41	58.40	
LPO	4.22	253	Pn	41	02.80	-0.1
			Pg	41	17.00	

25d 10h

		Sg	42 11.00		
DOU	4.29 340	Pn	41 04.50	0.7	
GRC1	4.31 46	e(Pg)	41 18.10	14.0X	
		e	41 21.50		
		eSg	42 14.00		
MEM	4.56 353	Pg	41 07.80	0.2	
KBA	4.59 75	iPnc	41 10.00	1.7	
		iPgPg	41 32.00		
		iSg	42 26.90		
		i	42 31.70		
MFF	4.87 279	Pn	41 11.90	-0.1	
		Sn	42 04.80		
MLS	5.17 235	eP	41 33.80	17.5X	
KHC	5.48 54	ePg	41 41.00	20.2X	
		Sg	42 50.90		
EPF	5.56 239	Pn	41 19.50	-2.4	
		Pg	41 41.80		
		Sg	42 50.60		
FLN	5.64 301	Pn	41 22.20	-0.8	
		Sn	42 23.70		
LPF	5.73 293	Pn	41 23.40	-0.8	
GRR	5.73 297	Pn	41 23.60	-0.6	
		Sn	42 24.70		

S.D. = 0.9 on 39 of 46 obs.

& MAY 25, 1985 10h 42m 55.40s
31.960 N 115.880 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.5 (PAS).

IKP	0.71 344	iPc	43 08.80	-0.9	
		eS	43 18.80		
BAR	0.98 317	eP	43 13.10	-1.3	
		eS	43 26.60		
GLA	1.41 39	eP	43 18.70	-2.9	
SLBC	1.57 312	eP	43 23.80	0.0	
		eS	43 44.20		
SDW	2.82 340	e(P)	43 44.00	2.0	
	5 obs. ossocioted				

MAY 25, 1985 12h 44m 33.25± 0.14s
17.623 N ± 3.0km 145.619 E ± 3.4km
DEPTH = 19?.3km (3 depth phases)
5.2mb (53 obs.)
MARIANA ISLANDS (216)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 25C
Centroid Location:
Origin Time 12:44:37.0 0.5
Lat 17.40N 0.06 Lon 145.60E 0.07
Dep 295.6 3.3 Half-duration 1.8
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.27 0.06 Mtt=-0.58 0.10
Mff= 0.31 0.10 Mrt=-1.17 0.06
Mrf=-0.21 0 06 Mtf= 0 41 0.09
Principal Axes:

T	Val= 1.27	Plg=47	Azm=144
N	0.17	23	262
P	-1.43	33	9

Best Double Couple:Mo=1.4*10**24
NP1:St ike=153 Dip=25 Slip= 162
NP2: 259 83 66

GUMO	4.08 190	iPd	45 37.80	1.4	
		eS	46 23.50		
PJG	4.08 190	iPd	45 37.70	1.3	
GUA	4.12 190	iPd	45 38.20	1.3	
KYS	18.17 345	eP	48 31.80	-1.9	
OYM	18.61 343	eP	48 35.20	-3.2X	
SRY	18.78 344	eP	48 36.80	-3.3X	
TSK	19.15 346	eP	48 41.40	-2.5X	
DDR	19.17 344	eP	48 42.20	-2.0	
MOM	19.62 175	iPc	48 49.00	0.2	
MAT	19.95 342	iPc	48 48.80	-3.2X	
	0.7s 65.07nm		5.3mb		
		(S)	52 14.00		
SHK	20.43 328	eP	48 51.00	-5.8X	
KVG	20.71 165	iP	49 01.00	1.3	
MAP	22.20 254	iPd	49 15.00	0.7	
CGP	22.31 149	iPd	49 16.50	1.2	
	0.8s 23.10nm		4.8mb		
MDG	22.73 180	eP	49 21.00	1 6	
TATO	23 62 292	iP	49 29.20	1.3	
	1.0s 640.00nm		6.2mb		
ANP	23.64 293	eP	49 29.00	0.7	

BAG	23.97 271	eP	49 32.00	0.5	
LAT	24.16 177	eP	49 33.00	-0.1	
SSE	25.91 306	Pd	49 48.00	-1.1	
	Z 14s	1.50um		4.7MszX	
		PP	50 28.00		
		S	54 02.00		
		sS	54 15.00		
		SS	54 57.00		
QZH	26.18 291	eP	49 52.00	0.4	
LMG	26.48 174	eP	49 52.50	-2.0	
PMG	26.90 177	eP	49 57.00	-1.1	
AAI	27.28 221	ePc	50 01.30	-0.2	
	0.8s 166.90nm		5.8mb		
NJ2	28.12 306	Pd	50 08.50	-0.5	
ALOA	28.14 170	P	50 09.00	-0.3	
HKC	29.89 284	eP	50 26.00	1.2	
SVD	30.07 151	P	50 25.00	-1.4	
MDJ	30.09 337	eP	50 24.20	-2.1	
VSG	30.12 151	P	50 25.00	-1.8	
MCO	30.45 284	iP	50 31.00	1.3	
SNY	30.62 327	eP	50 29.30	-1.7	
GZH	30.70 286	iPd	50 33.50	1.6	
KKM	30.94 252	ePc	50 34.80	0.6	
	0.7s 85.40nm		5.6mb		
CN2	31.16 331	Pc	50 34.20	-1.5	
WHN	31.20 300	iPd	50 36.50	0.3	
TIA	31.26 312	eP	50 36.10	-0.6	
		ScP	56 45.40		
MTN	33.48 206	eP	50 55.00	-1.0	
	0.4s 46.00nm		5.5mb		
BJI	33.86 317	eP	50 57.00	-2.1	
		eS	58 38.00		
QIZ	33.96 278	P	51 01.80	1.7	
		S	56 13.00		
XAN	36.62 304	Pd	51 23.00	0.5	
GYA	37.05 291	Pd	51 28.00	1.7	
KNA	37.09 208	iPc	51 26.90	0.5	
HHC	37.30 315	eP	51 27.40	-0.8	
CTA	37.48 179	iPd	51 29.80	0.1	
	1.1s 53.16nm		5.1mb		
		iS	59 51.00		
WB2	38.94 197	iPc	51 41.00	-0.8	
WRA	38.94 197	Pc	51 41.20	-0.7	
	1.0s 187.90nm		5.7mb		
CD2	40.16 297	iPd	51 53.00	1.1	
		pP	52 34.00	191km	
		sP	52 56.00		
		S	57 47.00		
KMI	40.49 288	iPd	51 57.00	2.1	
		pP	52 39.00	196km	
		sP	53 01.00		
		S	57 51.00		
		sS	59 06.00		
TRT	41.17 235	iPd	52 01.50	1.3	
	0.6s 32.30nm		5.0mb		
LZH	41.19 305	eP	52 00.50	0.1	
	1.5s 184.00nm		5.4mb		
SMY	41.53 26	eP	52 04.40	1.7	
PVC	41.64 146	iPd	52 04.30	0.3	
LOE	41.78 277	eP	52 05.60	0.3	
		e	57 26.00		
KOU	42.13 153	iPc	52 08.70	0.7	
ASPA	42.60 196	iPc	52 11.60	-0.2	
		eScP	57 29.00		
		eS	58 16.00		
		eScS	01 50.00		
RMO	43.95 176	iPc	52 22.00	-0.6	
	0.7s 121.00nm		5.5mb		
CHG	44.25 279	iPd	52 26.60	1.4	
	0.9s 35.71nm		4.9mb		
		eS	58 56.00		
CHTO	44.25 279	iP	52 26.10	0.9	
	0.9s 38.36nm		4.9mb		
KGM	44.32 254	ePc	52 26.90	1.1	
BDT	44.39 277	eP	52 28.00	1.8	
	0.8s 129.80nm		5.5mb		
NNT	44.50 270	eP	52 29.00	1.8	
NOU	44.62 152	iPc	52 28.50	0.6	
GTA	45.15 308	P	52 32.20	0.0	
		pP	53 15 50	199km	
		ScP	57 40.00		
		S	58 54.60		
		ScS	02 05.80		
ADK	45.26 32	eP	52 33 80	1.1	
IPM	45.51 259	ePc	52 32.10	-3.1X	
	1.0s 45.00nm		4.9mb		
		e	53 25.70		

MBL	46.09 214	iPc	52 39.80	0.2	
	0.4s 35.00nm		5.2mb		
WBN	47.28 204	iPc	52 49.70	0.8	
	0.7s 116.00nm		5.4mb		
SGE	47.28 136	eP	52 50.00	0.9	
PPI	47.99 253	ePd	52 54.50	0.0	
PSI	48.13 257	eP	52 57.00	1.4	
	0.8s 61.00nm		5.1mb		
CMS	48.83 180	eP	52 59.00	-1.6	
STK	49.37 185	iPc	53 03.80	-1.0	
	0.9s 71.00nm		5.2mb		
NAU	49.62 218	iPc	53 07.20	0.4	
SHL	50.31 289	eP	53 12.50	0.1	
LSA	50.91 294	iPd	53 17.70	0.4	
		S	00 17.50		
MEK	51.23 212	eP	53 18.00	-1.1	
YOU	51.68 177	iPc	53 22.10	-0.2	
		e	54 51.60		
ADE	52.71 187	eP	53 29.30	-0.6	
CAN	52.75 177	iPc	53 30.00	-0.1	
		e	54 14.10		
		i	54 50.50		
KLG	53.44 206	eP	53 34.00	-1.3	
	0.5s 21.00nm		5.0mb		
WAM	53.61 177	iPc	53 36.10	-0.3	
		e	54 20.00		
		e	54 50.90		
MRWA	54.65 212	iPc	53 43.20	-0.9	
TOO	54.90 180	iPc	53 45.20	-0.5	
WMQ	54.96 311	P	53 44.70	-1.6	
BAL	55.44 210	iPc	53 49.10	-0.6	
KLB	55.76 209	iPc	53 51.10	-1.0	
PKI	56.00 292	iP	53 54.00	-0.4	
KKN	56.11 292	iPd	53 54.80	-0.2	
DMN	56.27 292	iPd	53 56.20	0.0	
MUN	56.81 210	iPc	53 58.80	-0.6	
NWAO	57.12 208	iPc	54 01.10	-0.5	
CRZ	57.82 154	P	54 07.00	0.6	
RKG	58.18 208	iPd	54 12.00	3.0X	
TTA	60.24 27	eP	54 22.10	-0.8	
TAU	60.25 179	iPc	54 21.80	-1.1	
IMA	62.28 24	eP	54 36.70	0.1	
	0.7s 94.20nm		5.7mb		
PMR	62.92 29	eP	54 36.60	-4.0X	
	0.7s 12.90nm		4.9mb		
NDI	63.12 294	eP	54 39.50	-3.0X	
	1.0s 45.00nm		5.3mb		
		ePcP	55 25.00		
		iS	02 55.00		
BRW	63.29 18	eP	54 42.70	-0.2	
HYB	63.62 281	ePd	54 45.00	-0.9	
	0.8s 30.80nm		5.2mb		
GNZ	63.68 152	P	54 44.20	-1.6	
MNG	64.25 155	P	54 48.00	-1.5	
TCW	64.29 156	P	54 47.70	-2.0	
COL	64.29 26	iP	54 48.00	-1.5	
	0.8s 120.15nm		5.8mb		
FBA	64.29 26	eP	54 47.70	-1.8	
WEL	64.54 156	P	54 49.20	-2.1	
GBA	65.48 277	Pd	54 56.80	-1.1	
	0.8s 23.40nm		5.0mb		
POO	67.78 283	iPd	55 11.50	-0.9	
	0.9s 67.23nm		5.4mb		
SIT	69.46 35	eP	55 22.10	0.2	
INK	70.40 23	iPc	55 27.00	-0.5	
	0.9s 303.00nm		6.0mb		
QUE	71.77 297	eP	55 35.90	-0.8	
PMO	73.12 112	iP	55 46.00	1.6	
	1.0s 80.00nm		5.4mb		
TPT	73.36 112	iP	55 47.30	1.5	
	1.0s 70.00nm		5.3mb		
VAH	73.45 112	iP	55 47.60	1.3	
	1.0s 45.00nm		5.2mb		
RUV	73.65 112	iP	55 49.00	1.6	
	1.0s 60.00nm		5.3mb		
MBC	74.21 14	iPd	55 48.20	-1.5	
	0.6s 44.00nm		5.4mb		
MHI	76.74 304	eP	56 05.00	0.1	
PGC	77.59 43	ePd	56 10.10	1.0	
	0.8s 76.00nm		5.5mb		
YKA	78.97 28	eP	56 16.40	0.1	
FHC	79.00 51	e(P)	56 18.80	1.8	
YKC	79.03 28	ePd	56 16.10	-0.6	
	1.0s 118.00nm		5.6mb		
ALE	79.20 4	ePd	56 16.20	-1.1	
	0.8s 42.00nm		5.2mb		
PNT	79.88 41	iPd	56 21.90	0.4	

	1.0s	82.00nm		5.4mb		
WDC	80.12	51 iPd	56	24.00	1.1	
MIN	80.87	51 iPd	56	27.20	0.1	
BRK	81.02	53 ePd	56	28.50	0.8	
BKS	81.04	53 ePd	56	28.90	1.1	
	0.9s	73.00nm		5.4mb		
		e	56	30.70		
		e	56	42.00		
ORV	81.15	51 iPd	56	29.10	0.7	
GCC	81.45	54 eP	56	30.70	0.8	
MHC	81.64	54 iPd	56	32.20	1.1	
ARN	81.72	54 P	56	32.60	1.2	
NEW	81.76	42 iPd	56	31.70	0.3	
	0.8s	32.00nm		5.1mb		
SAO	81.95	54 eP	56	33.50	0.9	
PRS	82.12	54 iPd	56	34.70	1.2	
JAS1	82.41	53 iPd	56	35.80	0.8	
EDM	82.49	37 iPd	56	35.10	0.0	
	0.8s	63.00nm		5.4mb		
PRI	82.72	55 ePd	56	38.20	1.5	
KEV	82.93	342 iP	56	30.30	-6.6X	
	0.6s	22.20nm		5.1mb		
FRI	83.22	53 iPd	56	39.90	0.8	
IR2	83.64	305 eP	56	41.00	-0.4	
SYP	83.72	56 eP	56	43.00	1.1	
MNA	83.97	52 iPd	56	44.30	1.3	
BMN	84.05	50 P	56	44.50	1.1	
SOD	84.34	340 iP	56	41.70	-2.4	
ISA	84.56	54 eP	56	45.00	-0.9	
SES	84.81	39 iPd	56	46.30	-0.6	
	0.9s	218.00nm		5.9mb		
CLC	85.20	54 eP	56	49.00	-0.1	
EUR	85.26	50 iP	56	49.00	-0.6	
PAS	85.26	56 eP	56	50.00	0.6	
MWC	85.33	56 eP	56	50.00	0.0	
DAG	85.34	356 iPc	56	46.40	-2.5	
	0.7s	9.59nm		4.7mb		
		i	57	06.00		
SBB	85.37	55 eP	56	51.00	1.0	
LRM	85.57	43 ePd	56	51.30	0.3	
KJF	85.68	337 iP	56	48.50	-2.3	
	0.8s	26.40nm		5.1mb		
YMT3	85.80	53 P	56	53.00	0.9	
		pP	57	46.20	218kmX	
RVR	85.94	56 eP	56	53.00	0.3	
GSC	85.97	54 eP	56	53.00	0.0	
PLM	86.55	56 eP	56	56.00	0.1	
PRN	86.62	52 P	56	57.00	0.8	
BAR	86.92	57 eP	56	57.00	-0.5	
TPC	86.95	55 eP	56	58.00	0.3	
SUF	87.08	336 iP	56	54.60	-3.0X	
	0.6s	5.10nm		4.5mb		
FFC	88.04	32 iPd	57	01.90	-0.5	
	0.8s	47.00nm		5.4mb		
GLA	88.26	56 eP	57	05.00	1.0	
NUR	88.93	335 iP	57	03.20	-3.3X	
	0.8s	14.70nm		5.0mb		
RMU	89.79	51 P	57	11.20	0.0	
RSSD	91.72	43 P	57	20.00	0.0	
UPP	92.09	337 iP	57	17.90	-3.2X	
GOL	92.76	47 P	57	25.90	0.9	
	0.9s	8.33nm		4.9mb		
GLD	92.85	47 P	57	26.10	0.9	
	1.4s	43.24nm		5.4mb		
HFS	93.35	338 eP	57	23.00	-3.9X	
	0.5s	4.50nm		4.9mb		
NB2	93.55	340 P	57	24.40	-3.5X	
	0.7s	2.80nm		4.5mb		
ALQ	93.99	52 eP	57	30.50	-0.1	
	1.1s	12.66nm		5.0mb		
FRB	94.67	15 eP	57	32.00	-0.9	
JCT	100.99	53 iPdiff	58	02.80	0.7	
	0.9s	5.04nm		5.1mb		
MTD	117.29	260 iPKPd	02	57.00	-0.8	
		i	06	11.00		
BUL	120.66	257 iPKPd	03	03.50	-0.7	
KIC	142.25	307 ePKP	03	38.80	-6.1X	
TACH	143.61	123 iPKPd	03	44.50	-2.2	
ROCH	143.74	122 iPKPc	03	45.00	-2.2	
PCH	143.95	123 iPKPd	03	45.50	-1.9	
PEL	143.95	122 iPKPc	03	45.70	-1.6	
BACH	144.05	123 iPKPd	03	46.40	-1.1	
ARE	144.54	94 ePKP	03	49.00	-0.1	
TPZ	147.46	102 ePKP	03	59.00	5.1X	
		i	04	04.50		
CNCB	147.92	94 iPKP	03	55.80	0.9	
		i	03	59.20		

YJA 150.42 104 e(PKP)04 00.40 1.9
S.D. = 1.1 on 171 of 188 obs.

* MAY 25, 1985 13h 02m 19.23± 1.04s
31.584 S ±17.9km 67.873 W ± 7.1km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.31	266	iPc	02	26.50	0.7
			S	02	30.20	
RTLL	0.57	296	iPc	02	30.20	-0.6
			S	02	37.80	
RTCV	0.63	244	ePc	02	31.30	-0.6
			S	02	39.80	
RTCB	0.80	277	eP	02	35.20	0.4
			S	02	43.90	
TCA	2.82	86	ePd	03	05.30	0.1
			S	03	47.40	

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

? MAY 25, 1985 13h 46m 09.81±12.76s
33.000 S ±22.0km 72.285 W ±102.km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH	1.07	89	iPd	46	27.70	-1.1
			iS	46	40.50	
TACH	1.30	120	iPc	46	31.10	-0.7
			iS	46	46.50	
PEL	1.35	97	iPd	46	32.70	0.1
			iS	46	48.20	
SAN	1.43	109	iPc	46	33.70	-0.1
			iS	46	50.20	
JACH	1.46	78	iPc	46	33.60	-0.6
BACH	1.54	104	iPd	46	35.70	0.3
			iS	46	52.80	
PCH	1.61	113	iPc	46	36.40	0.1
			iS	46	56.70	
CHCH	1.65	125	iPc	46	37.10	0.2
			iS	46	57.40	
FCH	1.70	102	iPc	46	38.30	0.3
			iS	46	59.50	
MDZ	2.89	89	eP	47	00.00	5.4X
TCA	6.73	78	ePd	47	49.70	0.7

S.D. = 0.6 on 10 of 11 obs.

? MAY 25, 1985 14h 03m 49.85± 0.94s
26.280 S ±11.3km 27.454 E ±42.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

SEK	2.04	176	eP	04	26.00	0.6
			S	04	49.50	
BLF	3.03	201	eP	04	39.00	-0.5
			S	05	19.50	
BUL	6.20	10	ePn	05	25.70	1 3
			eSn	05	37.10	
			iSg	07	08.20	
KRI	9.62	12	iPn	06	12.00	-0.1
			iSn	07	57.00	
			iSg	08	56.00	
MTD	10.20	23	iPn	06	19.00	-1.2
			iSn	08	12.00	
			iSg	09	12.00	

S.D. = 1.3 on 5 of 5 obs

MAY 25, 1985 14h 17m 39.07± 1.34s
36.530 N ±12.5km 22.132 E ± 7.1km
DEPTH = 63.0 ± 11.0 km
3.8mb (4 obs.)
SOUTHERN GREECE (368)

ATH	1.92	41	iPnc	18	10.80	0.8
			iSn	18	36.00	
VLS	2.05	324	ePn	18	15.00	3.1X
NPS	3.10	113	ePn	18	28.00	1.4
KZN	3.78	356	ePn	18	38.50	2.2
PRK	4.25	49	ePn	18	41.50	-1.3
IZM	4.49	64	eP	18	46.50	0.3
EZN	4.66	44	eP	18	45.90	-2.7
OHR	4.69	348	ePn	18	50.10	1.0
VAY	4.80	4	iPn	18	51.40	0.9
LCI	5.02	320	ePn	18	52.00	-1.6
			eSn	19	49.00	
MMB	5.20	13	iPc	18	57.00	0.8
SKO	5.46	355	ePn	19	07.00	7.2X
KDZ	5.68	25	iP	19	03.00	0.1

ORI	5.69	310	e(Pn)	19	03.00	0.1
BRT	5.80	320	ePn	19	03.50	-1.1
			eSn	2.	07.00	
ULC	5.87	338	e(Pn)	19	03.50	-2.0
			eSn	20	09.00	
PLD	5.91	19	eP	19	08.00	1.9
DST	5.97	57	eP	19	05.10	-1.9
VTS	6.12	7	eP	19	12.00	3.1X
DIM	6.12	25	eP	19	09.00	0.0
ELL	6.26	86	iPn	19	11.80	0.8
HCY	6.54	336	ePn	19	11.50	-3.3X
			e(Sn)	20	17.00	
SGO	6.69	309	ePn	19	17.00	0.1
			eSn	20	33.00	
BCK	6.83	80	eP	19	19.10	0.1
DMK	6.86	38	eP	19	16.00	-3.2X
PVL	7.01	19	eP	19	29.00	7.7X
DUI	7.86	313	ePn	19	33.00	-0.1
CLO	8.55	3	eP	19	39.00	-3.6X
MLR	9.40	17	eP	20	00.00	5.6X
VRI	9.95	19	eP	20	10.00	8.2X
CEY	10.87	330	eP	20	19.10	4.8X
			iS	22	09.90	
LJU	11.08	331	eP	20	18.50	1.4
			eS	22	14.50	
VOY	11.33	329	eP	20	17.80	-2.7
			eS	22	19.30	
CTI	12.34	324	ePn	20	31.50	-2.5
KBA	12.40	331	eP	20	40.00	5.1X
	1.0s	6.30nm			4.5mb X	
		i	20	50.20		
		i	22	49.00		
		i	23	26.70		
KHC	14.06	336	eP	20	57.80	1.4
		e	21	07.50		
PRU	14.53	340	eP	21	09.00	6.4X
GRA2	15.27	333	eP	21	18.70	6.5X
	0.7s	4.00nm			3.7mb	
		e	21	32.70		
CLL	16.15	339	e(P)	21	34.00	10.7X
MEM	18.23	326	P	21	57.20	8.1X
DOU	18.56	322	P	21	55.80	2.8
UPP	23.53	354	iP	22	54.20	10.3X
NUR	24.05	3	eP	22	47.00	-2.0
HFS	24.24	350	(P)	22	51.70	0.8
	0.5s	2.10nm			3.9mb	
NB2	25.49	348	P	23	04.60	1.8
	0.6s	1.90nm			3.8mb	
EKA	25.51	325	P	23	14.00	11.0X
	0.8s	6.20nm				
SHI	26.30	96	eP	23	11.00	0.3
SUF	26.33	4	iP	23	10.70	0.2
	0.5s	2.50nm			4.0mb	
KJF	27.91	5	eP	23	24.00	-0.7
SOD	30.99	3	eP	23	55.00	2.8X
DMN	53.27	80	eP	26	53.60	-0.4
	0.7s	20.00nm			5 3mb X	
KKN	53.33	80	eP	26	53.50	-0.8
	0.7s	11.00nm			5.0mb X	
PKI	53.53	80	eP	26	55.00	-0.9
	1.0s	20.00nm			5.1mb X	
INK	73.91	351	eP	29	10.00	1.4

S.D. = 1.5 on 36 of 54 obs.

MAY 25, 1985 14h 24m 35.51± 0.52s
20.919 S ± 5.8km 178.776 W ± 6.4km
DEPTH = 548.5 ± 5.8 km
4.9mb (8 obs.)
FIJI ISLANDS REGION (181)

VUN	3.89	318	iPc	25	55.50	-1.6
SGE	4.55	316	iPc	26	03.00	0.7
YSA	5.44	320	iPc	26	09.80	0.1
AFI	9.65	45	P	26	47.00	-3.8X
			S	23	29.00	
CRZ	15.43	207	P	27	50.00	1.2
KRP	17.65	195	P	28	10.40	0.1
			S	1	12.00	
GNZ	17.88	188	P	28	11.00	-1.6
			eS	31	07.00	
MNG	20.24	193	P	28	30.00	-4.8X
			S	31	45.00	
CAN	31.68	236	iPc	30	16.00	0.3
			e	31	46.60	
YOU	31.85	238	eP	30	17.70	0.5
WAM	32.05	235	eP	30	19.40	0.7
CTA	32.73	265	eP	30	27.00	2.4

25d 14h

TOO	35.06	234	iPc	30	44.20	0.1
ADE	39.78	240	iPd	31	23.00	0.3
ASPA	43.72	257	eP	31	54.00	-0.1
WB2	43.81	263	eP	31	53.70	-1.1
			e	32	14.80	
WRA	43.82	263	Pd	31	54.40	-0.5
	0.4s		1.20nm		3.8mb	X
GUA	49.45	311	eP	32	38.30	0.7
GUMO	49.52	311	eP	32	38.60	0.5
PJG	49.52	311	eP	32	38.30	0.2
WBN	50.08	253	iPc	32	41.60	-0.6
	0.6s		26.00nm		4.9mb	
MBL	56.96	278	iPd	33	30.60	-0.5
NAU	60.62	255	eP	33	55.50	-0.1
MAT	70.12	324	iPd	34	54.50	0.1
	0.8s		28.36nm		4.8mb	
ADK	72.51	1	eP	35	07.00	-0.9
PPS	78.62	44	eP	35	42.50	0.6
GCC	78.64	43	eP	35	42.20	0.3
PCC	78.68	42	eP	35	42.60	0.5
SAO	78.83	44	eP	35	43.80	0.8
BRK	78.98	42	eP	35	44.30	0.6
BKS	79.00	42	eP	35	44.60	0.8
	0.8s		34.00nm		4.8mb	
MHC	79.05	43	eP	35	45.00	0.7
FRI	80.09	44	eP	35	50.00	0.5
JAS1	80.18	43	iPd	35	50.40	0.4
WDC	80.46	40	iPd	35	52.00	0.6
ORV	80.47	41	iPd	35	51.80	0.4
MIN	80.88	41	eP	35	53.70	0.8
MNA	81.92	44	ePd	35	59.30	0.2
TTA	85.48	10	eP	36	16.00	0.8
PMR	85.59	14	eP	36	15.80	-0.6
	0.8s		5.10nm		4.3mb	
PNT	87.41	34	iPd	36	25.50	0.1
	0.7s		20.00nm		5.0mb	
ALQ	88.23	52	eP	36	29.00	-0.8
	1.0s		7.50nm		4.5mb	
IMA	88.78	10	eP	36	31.70	0.2
COL	88.81	13	iPd	36	30.70	-0.8
	0.8s		38.43nm		5.4mb	
FBA	88.81	13	eP	36	30.50	-1.0
	0.8s		40.20nm		5.4mb	
LRM	89.50	40	eP	36	35.70	0.3
EDM	92.86	33	ePd	36	50.00	-0.4
INK	94.86	15	ePd	36	58.50	-0.7
YKA	97.19	25	eP	37	10.00	0.2
KEV	128.74	349	ePKP	42	41.00	-0.2
SOD	130.85	347	ePKP	42	45.00	-0.2
BUL	131.18	215	iPKPc	42	47.90	0.4
			iSKP	45	24.00	
MTD	132.14	221	ePKP	42	48.00	-1.3
			iSKP	45	27.00	
KJF	133.26	344	ePKP	42	49.00	-0.9
KRI	133.28	219	ePKP	42	52.00	0.5
			iSKP	45	31.00	
SUF	134.88	344	iPKP	42	52.00	-1.0
	0.5s		3.30nm			
NUR	137.13	343	iPKP	42	57.00	-0.3
	0.6s		7.80nm			
NB2	139.30	353	PKP	42	52.60	-8.8X
	0.5s		1.50nm			
HFS	139.83	350	ePKP	42	53.90	-8.4X
	0.4s		7.80nm			
MUD	144.02	352	iPKPd	43	08.30	-1.3
	0.6s		32.00nm			
EKA	145.48	4	PKPc	43	12.80	0.7
	0.9s		17.00nm			
DCN	146.98	9	iPKPd	43	17.20	2.6X
	0.5s		50.00nm			
KSP	147.87	342	iPKPd	43	20.10	4.0X
			e	45	27.00	
WIT	147.89	354	iPKP	43	21.20	5.2X
CLL	148.29	346	iPKP	43	21.20	4.4X
WTS	148.68	353	iPKPd	43	22.10	4.8X
	0.9s		38.00nm			
			i	43	27.60	
PRU	149.13	343	PKPd	43	23.10	5.0X
			e	43	30.00	
MOX	149.22	347	iPKP	43	23.50	5.3X
	1.2s		18.00nm			
ENN	149.98	354	iPKP	43	25.30	6.0X
	0.9s		18.00nm			
			i	43	33.10	
MEM	150.13	354	PKP	43	26.00	6.5X
KHC	150.17	344	iPKPd	43	26.00	6.3X
	0.8s		25.00nm			
			i	43	35.00	
			e	45	37.40	
TNS	150.20	351	ePKP	43	25.60	5.8X
GRF	150.21	347	ePKP	43	26.40	6.7X
			e	43	35.20	
DOU	150.76	356	PKP	43	27.10	6.6X
			e	43	36.30	
WLF	151.05	353	PKP	43	28.00	7.1X
			e	43	37.60	
FUR	151.64	346	iPKPc	43	29.10	7.2X
			i	43	40.80	
KBA	152.11	342	iPKPc	43	29.20	6.4X
	0.7s		7.70nm			
			i	43	34.70	
CDF	152.14	351	PKP	43	29.90	7.2X
	0.6s		5.40nm			
FLN	152.19	2	ePKP	43	29.80	7.2X
	0.4s		4.00nm			
LDF	152.37	2	ePKP	43	30.20	7.3X
GRR	152.54	3	ePKP	43	30.80	7.7X
	0.4s		2.75nm			
HAU	152.66	352	ePKP	43	30.90	7.5X
	0.6s		4.35nm			
BSF	152.78	352	ePKP	43	31.30	7.7X
	0.6s		4.20nm			
VOY	152.88	340	ePKP	43	28.70	4.9X
			e	43	31.20	
LPF	152.89	3	ePKP	43	31.40	7.8X
	0.4s		4.75nm			
CTI	153.52	344	ePKP	43	32.50	7.8X
LOR	153.63	356	ePKP	43	33.20	8.5X
	0.4s		1.70nm			
KIC	164.42	157	ePKP	43	37.70	0.0
			e	44	36.30	

S.D. = 0.8 on 58 of 88 obs.

? MAY 25, 1985 15h 09m 14.85±11.63s
19.050 N ±45.5km 121.935 E ±53.2km
DEPTH = 144.2 ± 86.2 km
TAIWAN (244)

TWZ	0.33	278	iPc	09	35.50	-0.1
			eS	09	50.00	
ANP	0.40	289	eP	09	36.00	0.0
TATO	0.41	260	iP	09	35.80	-0.1
	Z 20s		0.19um			
			eS	09	50.00	
TWD	1.01	198	iPc	09	39.50	0.1
			eS	09	56.50	
TWQ	1.26	233	iPc	09	42.00	0.1
			eS	10	10.00	
TWF1	1.79	199	ePc	09	47.50	0.0
TWK	2.21	217	iPc	09	52.50	-0.2

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

& MAY 25, 1985 15h 50m 45.40s
33.950 N 116.650 W
DEPTH = 13.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.2 (PAS). Felt (IV) at Desert Hot Springs, Palm Springs and Thousand Palms. Also felt at Fownskin, Palm Desert and Rancho Mirage.

TPC	0.52	73	iPd	50	55.00	-1.0
SDW	0.75	332	P	50	59.20	-0.6
HAY	0.88	106	iPc	51	01.40	-0.6
SLBC	1.08	209	iP	51	04.40	-1.0
			eS	51	19.00	
CPE	1.13	200	eP	51	05.10	-1.2
MWC	1.20	284	iPc	51	06.80	-0.8
GLA	1.77	120	P	51	15.20	-0.7
QSM	2.02	355	P	51	18.40	-1.1
VPEM	2.21	335	P	51	20.90	-1.6
PGE	2.42	352	P	51	24.20	-1.2
FMT	2.69	358	P	51	27.40	-1.8
YMT3	2.84	4	P	51	30.00	-1.3

12 obs. associated

? MAY 25, 1985 16h 12m 05.56± 9.06s
51.671 N ±51.7km 16.372 E ±57.1km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.5 (GRF), 3.4 (KBA).

KSP	0.83	183	iPd	12	21.70	0.1
	0.5s		82.00nm			
			iS	12	29.30	
PRU	2.05	215	Pn	12	40.20	-0.2
			Pg	12	42.00	
			Sn	12	58.90	
			Sg	13	08.50	
CLL	2.14	262	iPn	12	41.30	-0.4
			ePg	12	45.00	
			eSg	13	10.00	
KHC	3.11	216	Pn	12	55.50	-0.1
			Pg	14	01.00	
			Sg	14	47.50	
HOF	3.15	246	iPnc	12	55.80	-0.3
MOX	3.17	253	ePn	12	57.00	0.6
			ePg	13	05.00	
			iSg	13	43.00	
GRF	3.83	241	ePn	13	06.10	0.3
			e(Pg)	13	19.00	
			eSg	14	03.80	
KBA	5.00	204	iPnd	13	22.50	-0.1
			iSg	14	42.20	
			i	14	46.90	
VOY	5.88	197	e(Pn)	13	44.50	9.7X
			e	13	55.00	
			eSn	15	03.80	
			e	15	16.00	

S.D. = 0.4 on 8 of 9 obs.

? MAY 25, 1985 17h 13m 15.72± 0.76s
19.770 S ±15.7km 65.932 E ±17.4km
DEPTH = 10.0km (geophysicist)
4.5mb (2 obs.)
MASCARENE ISLANDS REGION (427)

SLR	35.14	253	eP	20	12.00	0.1
DMN	50.63	22	eP	22	17.40	0.0
PKI	50.70	22	eP	22	18.10	0.1
KKN	50.85	22	eP	22	18.90	-0.2
	0.8s		11.00nm		4.8mb	X
BNG	52.42	292	iPd	22	36.30	5.4X
	0.5s		5.00nm		4.7mb	
WRA	63.89	103	P	23	53.00	1.6
	0.6s		1.60nm		4.4mb	
WB2	63.90	103	eP	23	50.00	-1.5
SPA	70.35	180	e(P)	24	31.40	-0.2
INK	129.98	9	ePKP	32	32.00	5.4X
YKA	137.31	0	ePKP	32	48.20	7.5X
YKC	137.33	0	ePKP	32	47.00	6.3X
EDM	146.61	359	ePKP	32	59.00	1.6X

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

• MAY 25, 1985 17h 32m 14.44± 1.48s
49.381 N ± 8.1km 7.723 W ±14.2km
DEPTH = 33.0km (normal)
NORTH ATLANTIC OCEAN (402)

CRQ	1.82	63	ePn	32	44.10	0.1
			eSn	33	06.60	
DCN	3.98	4	eP	33	14.90	0.3
DLE	3.98	10	eP	33	14.30	-0.3
LPF	4.63	104	Pn	33	24.70	0.9
			Sn	34	11.00	
			Sg	34	38.80	
GRR	4.64	100	Pn	33	25.30	1.4
			Sn	34	11.20	
			Sg	35	36.90	
FLN	4.80	95	Pn	33	26.40	0.2
			Sn	34	14.70	
			Sg	34	41.80	
LDF	5.07	96	Pn	33	30.10	0.0
			Sn	34	20.40	
			Sg	34	50.70	
MFF	5.80	116	Pn	33	40.90	0.6
			Sn	34	41.40	
LSF	6.97	113	Pn	33	57.20	0.4
			Sn	35	06.30	
			Sg	35	54.60	
TCF	7.37	111	Pn	34	02.20	-0.2
			Sn	35	15.20	
			Sg	36	06.30	
RJF	7.48	120	Pn	34	04.20	0.2
			Sn	35	20.10	
MZF	7.63	111	Pn	34	03.50	-2.5X
			Sn	35	21.00	
BGF	7.64	108	Pn	34	06.70	0.6
			Sn	35	23.80	
SSF	7.85	103	Pn	34	08.40	-0.7

			Sn	35 27.20		
AVF	7.86	105	Pn	34 08.40	-0.8	
			Sn	35 28.60		
LOR	8.00	101	Pn	34 10.00	-1.3	
			Sn	35 31.00		
DOU	8.01	80	Pn	34 11.00	-0.4	
			Sn	35 33.30		
CAF	8.02	120	Pn	34 10.30	-1.2	
			Sn	35 32.50		
LBF	8.18	103	Pn	34 13.40	-0.4	
			Sn	35 32.60		
SMF	8.22	105	Pn	34 14.60	0.3	
EPF	8.46	136	Pn	34 17.70	0.1	
			Sn	35 46.60		

S.D. = 0.7 on 20 of 21 obs.

* MAY 25, 1985 17h 35m 43.05± 0.97s
4.771 S ±11.3km 144.721 E ±10.2km
DEPTH = 33.0km (normal)
3.5mb (1 obs.)
NEAR N COAST OF PAPUA NEW GUINEA (200)

MDG	1.16	114	iP	36 02.80	-0.9	
WEW	1.63	318	eP	36 10.00	0.2	
LAT	2.94	130	eP	36 31.50	3.0X	
PMG	5.20	152	eP	37 00.50	-0.1	
LMG	5.34	141	eP	37 04.00	1.3	
WB2	18.15	213	iPd	39 54.20	-0.2	
WRA	18.16	213	Pd	39 54.10	-0.3	
	0.6s		2.40nm		3.5mb	

S.D. = 1.0 on 8 of 7 obs.

? MAY 25, 1985 18h 00m 59.12± 7.18s
48.571 N ±24.9km 2.363 W ±50.7km
DEPTH = 10.0km (geophysicist)
FRANCE (538)

GRR	1.02	100	Pg	01 18.00	-0.4	
			Sg	01 26.20		
LPF	1.03	121	Pg	01 19.40	0.8	
			Sg	01 28.60		
FLN	1.26	81	Pg	01 22.40	-0.1	
			Sg	01 33.80		
LDF	1.49	88	Pg	01 26.70	0.8	
			Sg	01 40.70		
MFF	2.48	142	Pg	01 46.80	6.7X	
			Sg	02 14.80		
LSF	3.52	130	Pn	01 55.80	0.9	
			Pg	02 05.00		
			Sn	02 31.20		
			Sg	02 46.50		
TCF	3.85	125	Pn	01 58.60	-1.1	
			Pg	02 10.80		
			Sn	02 40.10		
MZF	4.10	123	Pg	02 15.00	11.8X	
AVF	4.25	113	Pn	02 04.50	-0.8	
			Sg	03 08.10		
LOR	4.38	105	Pg	02 19.90	12.7X	
			Sg	03 11.60		
SMF	4.62	112	Pg	02 23.90	13.3X	
			Sg	03 18.20		

S.D. = 1.0 on 7 of 11 obs.

* MAY 25, 1985 18h 01m 58.03± 2.58s
33.442 S ± 6.1km 71.348 W ±22.9km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

TACH	0.40	122	iPd	02 08.00	0.8	
ROCH	0.55	31	iP	02 09.70	0.2	
SAN	0.57	91	iPc	02 09.80	0.1	
			iS	02 19.00		
PEL	0.63	62	iPc	02 10.60	0.1	
PCH	0.72	105	iP	02 11.90	0.1	
BACH	0.72	83	iPd	02 11.60	-0.2	
CHCH	0.76	130	iPc	02 12.00	-0.3	
FCH	0.89	83	iPd	02 14.10	-0.4	
JACH	0.99	40	iPc	02 15.00	-0.7	
MDZ	2.17	76	eP	02 32.60	0.0	
			iS	03 01.00		
RFA	2.73	120	eP	02 40.30	-0.3	
			S	02 59.00		
RTCV	2.85	57	ePd	02 42.50	0.3	
			S	03 18.20		
RTCB	2.91	49	eP	02 43.80	0.7	
			S	03 20.30		
ZON	2.94	51	eP	02 46.00	2.4X	
RTLL	3.22	50	ePc	02 47.30	-0.2	
			S	03 29.30		
TCA	6.09	72	ePd	03 24.00	-4.2X	
			S	04 34.60		
SLA	10.08	32	ePd	04 37.00	13.3X	

S.D. = 0.4 on 14 of 17 obs.

* MAY 25, 1985 18h 04m 34.88± 0.71s
11.649 S ± 9.6km 117.500 E ± 9.1km
DEPTH = 33.0km (normal)
3.8mb (2 obs.)
SOUTH OF SUMBAWA ISLAND (291)

TRT	6.19	309	iPd	06 07.00	0.5	
			eS	09 14.80		
MBL	9.72	167	eP	06 55.00	-0.5	
NAU	11.00	190	eP	07 13.00	-0.1	
KNA	11.68	112	eP	07 21.00	-1.3	
MEK	14.92	176	eP	08 05.00	-0.2	
WBN	16.77	151	eP	08 30.00	1.1	
	0.3s		5.00nm		4.1mb	
WRA	18.17	119	Pc	08 47.40	0.9	
	0.3s		1.10nm		3.5mb	
WB2	18.18	119	eP	08 46.80	0.2	
			eS	11 56.00		
ASPA	19.65	130	eP	09 07.00	2.9X	
PPI	20.30	302	eP	09 10.20	-0.6	

S.D. = 0.9 on 9 of 10 obs.

? MAY 25, 1985 19h 14m 04.51± 5.33s
51.626 N ±31.1km 16.261 E ±33.2km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.6 (VKA), 3.5 (GRF), 3.5 (KBA).

KSP	0.78	178	iPd	14 19.80	0.0	
	0.3s		58.00nm			
			iS	14 29.00		
PRU	1.97	214	Pn	14 38.20	0.0	
			Pg	14 40.30		
			Sn	14 57.40		
			eSg	15 04.50		
			i	15 10.60		
CLL	2.06	262	iPn	14 39.40	-0.2	
			lSg	15 07.50		
KHC	3.03	216	ePn	14 53.70	0.3	
			Pg	14 59.90		
			Sg	15 37.50		
HOF	3.07	246	iPnc	14 53.80	-0.1	
MOX	3.09	253	ePg	15 02.00	7.8X	
			iSg	15 41.00		
WET	3.29	222	iPnc	14 57.20	0.0	
VKA	3.36	179	iPgd	15 08.20	10.0X	
			iSg	15 51.00		
GRF	3 75	241	iPnc	15 03.60	0.0	
			ePg	15 18.00		
			eSg	16 01.00		
KBA	4.93	204	iPnc	15 20.30	-0.3	
			i	16 41.60		
TNS	5.14	257	ePn	15 23.60	0.3	
			eSn	16 47.70		
OGA	5.87	218	eP	15 33.30	-0.4	
CTI	6.36	210	ePn	15 41.00	0.4	

S.D. = 0.3 on 11 of 13 obs.

* MAY 25, 1985 20h 47m 54.06± 1.00s
31.604 S ±10.8km 67.821 W ± 7.3km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.36	269	iPd	48 01.10	-0.3	
			S	49 06.80		
RTLL	0.62	296	ePd	48 06.30	-0.2	
			S	48 17.60		
RTCV	0.66	247	iPd	48 06.00	-1.3	
			S	48 16.30		
RTCB	0.84	278	ePd	48 11.50	1.1	
			S	48 22.50		
MDZ	1.55	214	e(P)	48 23.10	1.4	
TCA	2.77	85	iPc	48 39.30	-0.1	
			S	49 13.70		
RFA	3.20	190	ePd	48 45.00	-0.5	
			S	49 31.50		
SLA	7.15	17	e(P)	49 35.00	-6.4X	

S.D. = 1.1 on 7 of 8 obs.

* MAY 25, 1985 21h 57m 03.02± 2.83s
45.516 N ±10.5km 26.391 E ± 9.2km
DEPTH = 157.3 ± 28.1 km
ROMANIA (358)

MLR	0.32	266	iPc	57 24.00	-0.2	
ISR	0.39	164	iPc	57 24.00	-0.4	
VRI	0.42	33	iPc	57 24.50	0.0	
BRD	0.46	90	iPc	57 26.00	0.7	
PPE	1.11	50	eP	57 30.00	0.3	
CLI	1.21	31	iP	57 30.05	-0.5	
CFR	1.29	104	iPc	57 31.00	-0.3	
CGN	1.38	192	iPc	57 32.00	-0.2	
COZ	1.46	263	iPd	57 33.50	0.3	
TLB	1.49	128	iPc	57 33.50	0.2	

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

* MAY 25, 1985 22h 55m 19.47± 1.22s
2.611 N ±21.1km 95.299 W ±17.6km
DEPTH = 10.0km (geophysicist)
4.4mb (9 obs.) 4.7Msz (1 obs.)
GALAPAGOS ISLANDS REGION (696)

TPM	16.68	348	ePd	59 21.50	6.3X	
PSO	18.02	94	eP	59 34.00	1.8	
BOG	21.28	84	eP	00 09.50	0.5	
LTX	27.74	344	eP	01 11.00	0.6	
	1.0s		2.00nm		3.8mb	
CNCB	33.16	127	iP	01 59.20	0.0	
ALQ	33.80	343	eP	02 03.70	-0.4	
	1.0s		4.75nm		4.4mb	
Z	18s		1.20um		4.7Msz	
TPZ	35.34	134	eP	02 36.00	18.3X	
GLA	35.38	331	eP	02 18.20	0.7	
FVM	35.49	7	eP	02 18.00	-0.3	
EUR	41.24	336	iP	03 07.80	1.2	
	0.6s		4.10nm		4.3mb	
BDW	41.97	344	iP	03 12.90	0.3	
	1.0s		12.00nm		4.6mb	
RSSD	42.05	351	eP	03 14.30	1.1	
	1.0s		5.50nm		4.2mb	
BMN	42.55	335	eP	03 19.00	1.7	
	1.0s		2.75nm		3.9mb	
LHC	45.93	6	eP	03 43.00	-1.1	
RSON	48.09	1	eP	04 00.00	-1.2	
NEW	49.20	341	eP	04 10.00	0.1	
PNT	50.95	340	eP	04 23.00	-0.2	
	1.1s		20.00nm		5.0mb	
FFC	52.23	355	eP	04 32.00	-0.8	
	1.2s		11.00nm		4.7mb	
EDM	52.61	346	eP	04 24.50	-11.2X	
ITR	57.81	102	e(P)	05 12.00	-1.9	
YKC	61.42	350	eP	05 37.00	-1.0	
	1.0s		11.00nm		5.0mb	
YKA	61.46	350	eP	05 37.40	-0.9	
FRB	64.07	13	eP	05 55.00	-0.6	
INK	70.48	346	eP	06 36.00	0.1	
TAB	126.18	37	ePdiff	11 17.00	13.6X	
KER	129.01	41	ePdiff	11 10.00	-6.0X	
KKN	149.77	359	ePKP	15 11.90	4.5X	
	0.6s		5.00nm			
DMN	149.95	359	ePKP	15 11.10	3.4X	
PKI	149.99	359	ePKP	15 12.00	4.2X	

S.D. = 1.0 on 21 of 29 obs.

MAY 25, 1985 23h 29m 21.72± 0.10s
54.055 N ± 2.3km 160.992 E ± 2.1km
DEPTH = 45.9km (17 depth phases)
5.9mb (89 obs.) 5.4Msz (14 obs.)
NEAR EAST COAST OF KAMCHATKA (218)
Ms 5.5 (BRK).
MOMENT TENSOR SOLUTION
Dep 35 No. of sto: 20
Moment Tensor; Scale 10**24 d-cm
Mrr=-5.53 Mtt= 4.12
Mff= 1.41 Mrt= 0.16
Mrf= 2.10 Mtf= 3.30
Principal axes:

T	Val= 6.48	Plg= 6	Azm=325
N	-0.31	17	233
P	-6.17	72	75

Best Double Couple:Mo=6.3*10**24
NP1:Strike= 73 Dip=41 Slip= -64
NP2: 220 54 -111
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 32C

25d 23h

Centroid Location:
Origin Time 23.29:25.0 0.3
Lat 53.83N 0.02 Lon 161.36E 0.06
Dep 62.3 1.4 Half-duration 2.8
Moment Tensor; Scale 10**24 D-CM
Mrr=-4.90 0.10 Mtt= 2.88 0.15
Mff= 2.02 0.15 Mrt=-0.02 0.12
Mrf= 0.87 0.14 Mtf= 2.40 0.13
Principal Axes:
T Val= 4.92 Plg= 3 Azm=320
N 0.10 8 229
P -5.02 82 72
Best Double Couple:Mo=5.0*10**24
NP1:Strike= 58 Dip=42 Slip= -78
NP2 222 49 -100
SMY 7.95 94 eP 31 15.20 -2.2
eLg 32 45.00
ADK 13.62 90 eP 32 31.80 -2.2
TSK 22.99 226 eP 34 22.50 -0.6
MAT 23.57 231 iPd 34 29.60 0.9
1.5s 1930.56nm 6.4mb
Z 21s 6.09um 5.0Msz
eS 38 41.00
DDR 23.57 229 eP 34 29.90 1.1
TTA 23.72 51 eP 34 31.00 0.9
KYS 23.83 226 eP 34 32.90 1.7
SRY 23.86 2 8 eP 34 32.30 0.8
SVW 23.92 55 P 34 32.80 0.9
OYM 24.03 228 eP 34 33.80 0.5
IMA 24.97 43 eP 34 42.10 0.0
BRW 25.14 31 eP 34 44.00 0.5
KDC 25.93 63 eP 34 49.50 -1.4
PMR 26.99 54 eP 34 58.10 -2.6
1.0s 100.00nm 5.4mb
COL 27.37 46 iPd 35 03.80 -0.3
1.1s 401.27nm 6.0mb
Z 22s 5.56um 5.1Msz
e 35 18.00 58kmX
FBA 27.37 46 eP 35 03.40 -0.7
1.0s 310.00nm 5.9mb
SHK 27.84 237 iPd 35 08.60 0.0
TOA 28.32 52 P 35 12.00 -0.8
INK 32.79 39 iPd 35 51.80 -0.3
1.0s 275.00nm 6.1mb
BJI 33.00 263 eP 35 52.50 -1.7
Z 19s 8.20um 5.5Msz
epP 36 02.00 33kmX
eS 41 04.00
ePcS 42 21.00
eScS 46 15.00
SIT 34.99 59 eP 36 12.20 1.1
MBC 35.95 24 iPd 36 19.20 0.1
0.9s 168.00nm 6.0mb
SSE 36.52 247 Pc 36 25.00 0.7
Z 16s 2.30um 5.1MszX
N 16s 5.70um
E 16s 11.80um
eS 41 56.00
ScS 46 37.00
ALE 41.91 8 ePd 37 08.50 0.0
0.9s 126.00nm 5.6mb
YKA 42.09 44 eP 37 10.40 0.2
RSNT 42.11 44 P 37 11.00 0.7
0.9s 92.44nm 5.5mb
PHC 42.11 34 eP 37 11.50 1.0
YKC 42.15 44 ePd 37 11.40 0.7
1.2s 145.00nm 5.6mb
PJG 42.33 204 e(P) 37 10.20 -2.4
LZH 42.88 269 Pd 37 16.50 -0.8
1.0s 143.00nm 5.7mb
N 13s 5.30um
E 13s 4.00um
eS 43 26.00
eSS 47 11.00
OPA 44.71 120 P 37 32.60 0.7
PGC 45.41 64 eP 37 37.50 0.3
KBS 46.01 352 iPd 37 42.00 0.4
Z 18s 2983.00um 8.3MszX
PNT 47.02 62 iPd 37 49.90 -0.1
1.1s 201.00nm 6.0mb
HKC 47.28 247 eP 37 52.90 0.7
eS 44 40.00
EDM 47.76 54 iPd 37 55.90 0.1
SZP 47.97 237 iPc 37 58.00 0.4
BAG 48.88 236 ePd- 38 04.00 -0.9
1.2s 128.13nm 5.8mb
eS 45 04.00
NEW 48.97 61 iPd 38 04.80 -0.4
1.0s 84.00nm 5.7mb
e 39 29.00 423kmX
e 39 43.00
YKM 49.31 60 iPd 38 08.00 0.1
DAG 49.44 360 iPc 38 06.80 -1.6
0.7s 82.19nm 5.9mb
i 39 29.00 409kmX
RXF 49.61 60 iPd 38 10.00 -0.2
LDM 49.77 60 iPd 38 11.30 -0.1
LHD 49.77 60 iPd 38 11.70 0.3
MFW 49.81 64 P 38 11.60 0.0
CLX 50.02 60 iPd 38 13.00 -0.5
FHC 50.10 73 ePd 38 15.00 1.1
MAN 50.15 234 eP 38 15.00 0.6
QCP 50.17 234 eP 38 16.00 1.4
SES 50.66 56 iPd 38 17.70 -0.3
1.2s 306.00nm 6.2mb
WDC 51.06 72 ePd 38 21.60 0.4
KMI 51.52 260 Pd 38 23.00 -2.1
N 18s 4.70um
S 45 35.00
MIN 51.75 72 eP 38 26.40 -0.2
FFC 51.97 47 iPd 38 27.60 -0.3
1.2s 189.00nm 6.0mb
KEV 52.07 341 iP 38 27.50 -0.9
0.7s 18.70nm 5.2mb
Z 26s 3.40um 5.3MszX
LR 05 00.00
isP 39 39.90
eS 45 42.00
eSS 50 08.00
ORV 52.35 72 iPd 38 30.50 -0.4
MAP 52.62 228 iPc 38 33.50 0.4
BRK 53.08 74 e(P) 38 36.60 0.3
BKS 53.09 74 e(P) 38 36.90 0.5
1.2s 169.00nm 5.9mb
Z 20s 3.80um 5.4Msz
N 20s 1.30um
E 20s 4.30um
e 39 44.30 316kmX
eS 46 12.00
eSS 49 54.00
eLQ 52 30.00
eLR 54 38.00
TRD 53.57 344 eP+ 38 39.00 -0.5
MHC 53.80 75 ePd 38 41.80 0.0
GCC 53.82 75 ePd 38 41.80 0.1
ARN 53.86 74 iP 38 42.20 0.1
epP 38 55.00 46km
HPI 54.08 63 P 38 43.80 -0.2
JAS1 54.08 73 iP 38 44.20 0.5
1.1s 17.00nm 5.0mb
BMN 54.12 69 iP 38 44.50 0.3
1.1s 165.58nm 6.0mb
epP 38 58.00 49km
SOD 54.18 340 iP 38 43.20 -0.8
SAO 54.32 75 e(P) 38 45.00 -0.5
GDH 54.44 14 iPd 38 45.10 -0.8
1.1s 303.80nm 6.2mb
Z 18s 3.44um 5.5Msz
i 46 21.00
PRS 54.66 75 ePd 38 48.20 0.1
LLA 54.71 75 eP 38 49.00 0.6
DAV 54.84 225 eP 38 49.00 -0.5
eS 46 26.00
MNA 55.00 71 ePd 38 51.20 0.5
i 38 59.70 28kmX
IMW 55.08 62 P 38 51.40 0.0
FRI 55.14 73 ePd 38 51.60 0.1
PRI 55.20 75 ePd 38 52.80 0.7
EUR 55.47 69 iP 38 54.50 0.3
FRB 56.41 24 iPd 38 58.60 -1.6
1.1s 352.00nm 6.3mb
BDW 56.58 62 iP 39 02.00 -0.1
1.0s 196.00nm 6.1mb
epP 39 14.00 42km
KJF 56.68 338 iP 39 08.00 5.8X
0.6s 73.00nm 5.9mb
ePPP 42 56.00
eS 46 48.00
e 48 44.00
DUG 56.69 66 P 39 03.00 0.2
KVG 57.06 192 eP 39 05.00 -0.4
YMT3 57.14 71 iP 39 06.10 0.1
PRN 57.45 70 iPc 39 08.30 0.1
SHL 57.55 270 iP 39 07.00 -2.0
iS 47 00.00
LOE 58.14 255 eP 39 09.90 -3.1X
RSON 58.26 46 iP 39 13.10 -0.4
1.1s 281.40nm 6.3mb
epP 39 27.20 51km
SUF 58.31 337 iP 39 12.10 -1.6
0.4s 75.40nm 6.2mb
RSSD 58.43 57 iP 39 16.70 1.6
1.0s 400.00nm 6.5mb
epP 39 32.00 57kmX
CHG 58.62 259 iPd 39 15.80 -0.6
0.8s 60.82nm 5.8mb
eS 47 20.00
CHTO 58.62 259 iP 39 15.40 -1.0
0.8s 66.80nm 5.8mb
KKN 59.77 276 iP 39 22.10 -2.4
BDT 59.83 257 eP 39 24.50 -0.2
1.0s 93.90nm 5.9mb
PKI 59.86 276 iP 39 22.90 -2.3
RMU 59.93 67 iP 39 25.00 -0.5
epP 39 36.00 37km
KKM 59.95 234 ePd 39 25.00 -0.7
DMN 60.01 276 iP 39 25.10 -1.1
NST 60.44 255 eP 39 25.20 -3.6X
NUR 60.60 337 eP 39 27.00 -2.5
0.8s 79.20nm 5.9mb
iPcP 39 58.90
ePPP 43 36.00
eS 47 36.00
esS 49 08.00
GLA 60.75 73 iP 39 30.80 -0.1
ipP 39 44.00 47km
GOL 60.99 62 iP 39 33.20 0.5
1.1s 88.46nm 5.8mb
epP 39 46.00 45km
GLD 61.03 62 iP 39 34.00 1.1
1.1s 308.58nm 6.3mb
LAT 61.62 196 eP 39 36.00 -0.8
LHC 61.99 45 iPd 39 37.80 -1.2
1.3s 364.00nm 6.3mb
REY 62.12 1 iPd 39 40.20 0.6
UPP 62.71 340 iP 39 42.10 -1.5
i 39 43.20 4kmX
iS 48 06.00
NB2 62.77 344 P 39 42.00 -2.1
0.9s 218.80nm 6.3mb
SVO 62.97 181 (P) 39 43.00 -2.7
NNT 63.15 254 eP 39 47.00 0.0
HFS 63.20 342 iP 39 45.70 -1.1
0.4s 44.10nm 5.9mb
HYA 63.40 347 eP 39 48.00 -0.1
LMG 63.66 194 e(P) 39 49.00 -1.4
SUE 63.69 347 iP 39 49.50 -0.5
AAI 63.70 217 ePd 39 50.50 -0.1
NDI 63.78 283 eP 39 46.50 -4.6X
eS 48 14.00
ALQ 63.96 66 iPd 39 52.40 -0.1
1.0s 65.00nm 5.6mb
Z 22s 2.22um 5.3Msz
e 40 28.00 149kmX
ASK 64.19 347 eP 39 53.60 0.3
BER 64.26 347 iP 39 53.70 -0.1
Z 30s 1714.00um 8.1MszX
PMG 64.30 195 iPd 39 53.00 -1.4
ODD 64.50 346 eP 39 55.20 -0.2
SCH 64.58 28 iPd 39 54.50 -1.4
1.2s 270.00nm 6.2mb
KMY 65.41 347 iP 40 02.20 1.0
MUD 67.46 344 iPc 40 14.50 0.3
0.9s 60.00nm 5.6mb
MHI 67.60 301 iPd 40 14.00 -1.6
eS 49 08.00
COP 67.62 341 iPc 40 15.40 0.2
0.9s 121.01nm 5.9mb
Z 19s 2.43um 5.4Msz
iS 49 10.00
QUE 68.40 292 eP 40 18.50 -2.3
e 40 31.50 45km
ePcP 40 45.00
eS 49 14.00
ScS 50 11.00
MKS 68.49 225 iPd 40 20.50 -0.7
TUL 68.76 58 iPd- 40 22.00 -0.7
1.2s 580.50nm 6.4mb
Z 20s 2.59um 5.5Msz
N 20s 0.78um

25d 23h

	E 18s 0.81um						
	e(S)	49	22.00				
RLO	68.94 57 iPd	40	22.70	-1.1			
IPM	69.01 248 ePd	40	24.70	0.3			
	i	40	37.20	43km			
ELF	69.48 44 P	40	26.20	-0.8			
LDN	69.67 44 P	40	27.10	-1.0			
FVM	69.72 53 iP	40	28.00	-0.5			
	1.1s 451.22nm			6.3mb			
	ipP	40	42.50	51km			
LTX	69.77 68 iP	40	29.20	0.1			
	1.0s 174.00nm			6.0mb			
	epP	40	43.00	48km			
UTO	69.81 46 iPc	40	28.80	-0.2			
OTT	69.81 39 iPd	40	27.40	-1.5			
	1.0s 335.00nm			6.3mb			
KGM	69.92 244 ePd	40	30.80	0.8			
EKA	70.20 350 Pc	40	31.30	0.2			
	0.9s 140.80nm			5.9mb			
BHO	70.44 58 iPd	40	32.40	-0.5			
MNT	70.48 37 iPd	40	32.00	-1.0			
	1.0s 270.00nm			6.2mb			
JCT	70.96 64 iP	40	36.00	-0.2			
	1.0s 165.00nm			6.0mb			
	Z 22s 3.33um			5.6Msz			
	e	41	08.00	129kmX			
RSNY	70.97 39 eP	40	34.40	-1.6			
	1.0s 180.00nm			6.0mb			
OLY	71.22 55 P	40	36.80	-0.8			
TSI	71.25 249 ePd	40	40.00	2.0			
MTN	71.32 211 iPd	40	38.30	-0.1			
KSP	71.36 337 ePd	40	37.50	-0.8			
	1.0s 151.00nm			5.9mb			
	ic	40	38.50	3kmX			
	eS	49	53.00				
WIT	71.38 344 ePd	40	39.50	1.2			
AFI	71.57 152 P	40	39.00	-0.9			
	eS	50	56.00				
SKLY	71.57 39 iP	40	39.00	-0.6			
CLL	71.64 339 iPd	40	39.20	-0.7			
	1.3s 315.00nm			6.1mb			
	Z 17s 2.00um			5.5MszX			
	P'P'	08	24.00	40km			
	i	40	51.20				
	eS	49	54.00				
HYB	71.68 274 ePc	40	39.00	-1.7			
	0.8s 53.90nm			5.6mb			
PSI	71.72 248 iPd	40	40.50	-0.4			
	1.6s 223.20nm			5.9mb			
BNH	72.11 36 P	40	43.00	0.2			
WTS	72.14 344 ePd	40	42.80	0.0			
	0.9s 140.00nm			5.9mb			
MIM	72.30 35 iPc	40	43.80	-0.1			
DBN	72.30 345 eP	40	43.00	-0.8			
	Z 20s 1.10um			5.1Msz			
	eS	50	00.00				
	eSP	50	32.00				
IR2	72.31 307 iPd	40	43.30	-1.0			
CLI	72.34 328 iPc	40	44.00	-0.2			
TAB	72.44 311 eP	40	39.00	-6.1X			
JOS	72.50 334 iPc	40	45.40	0.4			
DLE	72.53 352 iPc	40	44.60	-0.5			
	0.8s 460.00nm			6.5mb			
DCN	72.53 353 iPc	40	44.70	-0.4			
	0.6s 70.00nm			5.8mb			
PPE	72.54 328 ePd	40	45.00	-0.3			
MOX	72.55 340 iPd	40	45.50	0.1			
	1.2s 194.00nm			5.9mb			
	Z 18s 2.00um			5.4Msz			
	N 18s 2.80um						
	E 18s 2.10um						
	eS	50	08.00				
PRU	72.56 338 iPd	40	45.00	-0.4			
	1.1s 113.20nm			5.7mb			
	Z 16s 3.10um			5.7MszX			
	N 16s 2.70um						
	E 16s 0.70um						
	e	41	05.50	77kmX			
	S	50	04.00				
HOF	72.82 340 iPd	40	46.70	-0.2			
	1.4s 237.00nm			5.9mb			
BNS	73.08 343 iPd	40	48.30	-0.1			
	1.2s 130.00nm			5.8mb			
PLH	73.10 343 ePd	40	48.30	-0.1			
VRI	73.12 328 eP	40	50.00	1.3			
JCK	73.13 344 ePd	40	48.80	0.2			
CFR	73.29 327 iPc	40	50.00	0.4			

BRD	73.34 328 eP	40	51.00	1.0			
GSH	73.43 343 ePd	40	50.40	0.0			
ENN	73.48 344 iPd	40	50.80	0.1			
	1.0s 323.00nm			6.2mb			
STB	73.49 343 iPd	40	50.80	0.0			
KLL	73.53 344 iPd	40	50.80	-0.2			
GRF	73.54 340 iPd	40	51.80	0.7			
	1.1s 305.00nm			6.2mb			
	Z 19s 1.60um			5.3Msz			
POO	73.56 279 iP	40	51.00	-0.7			
	iS	50	12.00				
PPI	73.56 245 eP	40	50.80	-0.8			
TNS	73.56 342 ePd	40	51.20	-0.1			
KHC	73.58 338 iPd	40	52.10	0.7			
	1.0s 185.00nm			6.0mb			
	Z 16s 1.10um			5.2MszX			
	N 16s 1.10um						
	E 16s 1.00um						
	i	41	12.50	77kmX			
	S	50	20.00				
MEM	73.62 344 Pd	40	51.40	-0.1			
ZST	73.65 336 iP	40	52.40	0.7			
TRT	73.70 231 iPd	40	52.00	-0.4			
	0.8s 236.50nm			6.2mb			
UCC	73.70 345 Pd-	40	51.60	-0.3			
SRO	73.70 335 iP	40	53.20	1.2			
	N 22s 2.30um						
	E 22s 3.10um						
	e(S)	50	22.00				
MLR	73.70 329 iPc	40	52.00	-0.3			
WET	73.72 339 iPd	40	52.60	0.4			
	1.3s 228.00nm			6.0mb			
VKA	73.77 336 iPd	40	52.60	0.2			
	2.0s 179.00nm			5.7mb			
	Z 16s 2.40um			5.6MszX			
	i	41	32.40	163kmX			
BUD	73.83 334 ePd	40	53.00	0.2			
	1.0s 101.80nm			5.7mb			
ISR	73.84 328 iPc	40	53.00	0.1			
TLB	73.86 327 eP	40	53.50	0.5			
BOM	73.87 280 eP	40	50.00	-3.4X			
	eS	50	17.00				
RSCP	73.91 51 iP	40	53.10	-0.4			
SOP	74.26 336 ePd	40	55.60	0.3			
	1.4s 163.60nm			5.8mb			
COZ	74.34 330 iPc	40	57.00	1.0			
DOU	74.34 344 Pd	40	55.70	0.0			
	1.0s 240.00nm			6.1mb			
	Z 19s 2.20um			5.5Msz			
	S	50	29.00				
KOU	74.36 177 iPc	40	56.00	0.0			
WLF	74.50 343 Pd	40	57.00	0.4			
PSN	74.62 326 ePc	40	59.00	1.6			
BUC	74.63 328 eP	40	50.00	-7.4X			
STJ	74.79 23 eP	40	59.00	0.7			
STU	74.82 341 ePd	40	58.20	-0.3			
	1.1s 96.20nm			5.7mb			
	Z 20s 2.13um			5.4Msz			
BLA	74.86 47 ePd	40	58.90	-0.1			
	1.1s 531.65nm			6.4mb			
CGN	74.88 328 eP	41	00.00	1.1			
GWF	74.91 342 iPd	40	58.90	-0.2			
CTA	74.92 194 iPd	40	59.20	-0.1			
	1.2s 222.66nm			6.0mb			
	iS	50	31.00				
FUR	74.98 340 iPd	40	59.90	0.4			
	1.4s 260.00nm			6.0mb			
CLO	75.02 331 iPc	40	59.00	-0.7			
BHG	75.06 338 iPd	40	59.20	-0.8			
BUH	75.09 342 ePd	41	00.30	0.2			
KER	75.16 309 eP	41	01.00	0.1			
GFM	75.19 48 P	41	01.00	-0.1			
	pP	41	26.40	98kmX			
MSL	75.24 312 eP	41	01.00	-0.1			
GBA	75.34 273 Pc	41	01.50	-0.4			
	1.4s 290.90nm			6.0mb			
CDF	75.52 342 iPd	41	02.80	0.2			
KBA	75.57 338 iPd	41	03.30	0.2			
	1.1s 496.50nm			6.4mb			
	i(pP)	41	26.50	88kmX			
	i(PP)	43	26.40				
	i	43	42.20				
	i	50	44.80				
GAP	75.68 339 eP	41	04.10	0.6			
	1.0s 97.00nm			5.7mb			
SLE	75.91 341 ePd	41	05.10	0.3			
PVL	76.06 328 eP	41	06.00	0.4			

HAU	76.07 343 iPd	41	05.60	-0.1			
BSF	76.16 342 iPd	41	06.20	-0.1			
NOU	76.19 175 iPd	41	07.50	1.0			
ZUL	76.21 341 ePd	41	06.80	0.3			
JMB	76.23 327 eP	41	07.00	0.4			
SAX	76.24 341 ePd	41	07.70	0.7			
OGA	76.27 339 iPd	41	07.10	0.0			
	1.2s 182.00nm			5.9mb			
LJU	76.28 337 ePd	41	06.80	0.0			
	eS	50	47.00				
	e	51	24.00				
FLN	76.37 348 iPd	41	07.20	-0.1			
SHI	76.41 302 eP	41	07.00	-1.1			
DMK	76.43 326 iPc	41	18.10	10.4X			
VOY	76.44 337 ePd	41	06.80	-1.0			
LDF	76.49 347 iPd	41	07.80	-0.2			
	1.2s 17.80nm			4.9mb			
OSS	76.62 340 ePd	41	10.00	1.0			
PRM	76.64 50 iP	41	09.20	0.1			
	epP	41	21.00	39km			
ISK	76.67 325 iP	41	09.20	0.2			
LLS	76.68 341 ePd	41	10.00	0.7			
TRI	76.77 337 iPd	41	08.90	-0.6			
	eSSS	00	08.00				
	iS	50	52.00				
	eSS	56	06.00				
GRR	76.78 348 iPd	41	09.80	0.2			
CTT	76.81 325 eP	41	10.70	0.8			
CTI	76.92 339 eP	41	10.20	-0.3			
GPA	76.92 323 iP	41	09.80	-0.8			
DIM	76.93 328 eP	41	12.00	1.5			
VDL	76.95 340 ePd	41	11.90	1.0			
PLD	77.15 328 eP	41	13.00	1.3			
LPF	77.16 348 iPd	41	12.20	0.5			
VTS	77.16 329 iPd	41	12.00	0.3			
WB2	77.18 206 iPd	41	12.00	-0.1			
WRA	77.18 206 Pd	41	13.10	1.0			
	0.9s 123.20nm			5.9mb			
LOR	77.21 344 iPd	41	12.00	0.0			
BHD	77.30 310 eP	41	13.00	0.3			
	eS	50	56.00				
	iScS	51	20.00				
	ePS	51	45.00				
GRC	77.30 345 iPd	41	13.00	0.5			
	i	41	26.30	46km			
KDZ	77.37 328 iPc	41	14.00	1.1			
LBF	77.46 344 iPd	41	13.40	-0.1			
	1.2s 8.80nm			4.7mb X			
SSF	77.46 344 iPd	41	13.60	0.2			
MFT	77.51 326 iP	41	14.20	0.3			
SAL	77.58 339 iPd	41	19.40	5.4X			
KCT	77.63 325 eP	41	15.00	0.5			
MMK	77.66 341 ePd	41	15.90	1.1			
EDC	77.71 325 iP	41	15.30	0.4			
DIX	77.74 342 ePd	41	16.30	1.0			
AVF	77.75 344 iPd	41	15.00	0.0			
SMF	77.81 344 iPd	41	15.40	0.1			
EMS	77.84 342 ePd	41	16.50	0.8			
MMB	77.92 329 iPc	41	17.00	1.0			
BGF	78.06 345 iPd	41	16.80	0.1			
ORO	78.07 341 eP	41	17.50	0.6			
DST	78.12 324 iP	41	16.50	-0.7			
SKO	78.25 330 iPd	41	18.00	0.2			
	iS	51	11.00				
TCF	78.42 345 iPd	41	19.00	0.3			
MZF	78.43 345 iPd	41	19.40	0.7			
MFF	78.45 347 iPd	41	19.40	0.6			
TTG	78.45 332 i(P)	41	18.70	-0.1			
HBF	78.50 49 P	41	19.60	0.3			
	pP	41	45.80	101kmX			
PLDF	78.51 344 iPd	41	20.10	0.9			
VAY	78.52 329 iPd	41	19.00	-0.2			
LSF	78.56 346 iPd	41	20.00	0.6			
EZN	78.69 326 iP	41	19.90	-0.3			
PYM	78.82 344 iPd	41	21.90	0.9			
SSB	79.03 343 iPg	41	22.50	0.4			
	iSg	41	48.50				
OHR	79.23 331 iP	41	23.00	-0.2			
	i	41	28.80	18kmX			
	eS	51	16.50				
RTB	79.26 313 iPc	41	24.00	0.6			
	eS	51	18.00				
	e	51	30.00				
	e	51	38.00				
	ePS	52	10.00				
BCK	79.33 322 iP	41	23.40	-0.5			
FOUF	79.35 342 P	41	24.55	0.8			

25d 23h

RJF	79.48	345	iPd	41	25.00	0.5
	1.2s	124.90nm			5.7mb	
IZM	79.67	325	iPc	41	25.50	-0.1
CAF	79.77	345	iPd	41	27.00	0.9
LFF	79.96	346	iPd	41	27.80	0.8
LPO	80.14	346	iPd	41	29.00	1.0
ELL	80.22	322	iP	41	28.30	-0.4
FRF	80.31	341	iPd	41	27.60	-1.3
	1.2s	107.00nm			6.0mb	
DUI	80.43	335	eP	41	30.50	1.0
BRT	80.45	333	iPd	41	29.50	-0.2
LRG	80.47	342	iPd	41	28.60	-1.1
CSS	80.51	319	eP	41	30.50	0.4
BHL	80.51	317	PKP	41	30.50	0.2
TPM	80.52	71	iP	41	30.50	-0.1
LMR	80.56	341	iPd	41	29.00	-1.2
CVF	80.83	340	iPd	41	30.00	-1.7
ASPA	80.86	205	iPd	41	32.70	0.7
	1.1s	211.00nm			6.0mb	
			eS	51	42.00	
RMQ	80.90	191	iPd	41	33.10	1.0
HRI	81.03	316	eP	41	34.00	1.0
SGO	81.25	334	eP	41	34.00	0.2
PMO	81.38	130	iP	41	36.10	1.4
	1.2s	65.00nm			5.5mb	
VAH	81.70	130	iP	41	36.50	0.1
	1.2s	90.00nm			5.7mb	
RUV	81.77	130	iP	41	38.00	1.2
	1.2s	80.00nm			5.6mb	
MLS	81.84	345	ePd	41	38.20	1.2
EPF	81.88	346	iPd	41	37.60	0.4
JER	82.56	316	iPc	41	40.50	-0.5
			eS	51	52.00	
MBL	82.85	218	iPd	41	42.40	0.1
VHO	83.22	70	iP	41	47.00	2.3
PRNI	83.89	315	eP	41	48.00	0.3
GIB	84.01	334	eP	41	47.00	-1.3
EBR	84.02	345	eP	41	49.00	0.8
			eS	52	09.00	
PTO	84.76	352	iPd	41	52.70	0.8
			iS	52	12.00	
WBN	85.22	211	iPd	41	55.00	0.8
	1.2s	340.00nm			6.4mb	
MTE	85.40	351	iPd	41	56.00	0.8
TOL	85.55	349	iPd	41	52.00	-3.9X
	1.3s	13.00nm			5.0mb	
			ePP	45	05.00	
			iS	52	17.00	
COI	85.67	352	iPd	41	58.00	1.6
NAU	85.74	221	eP	41	57.00	0.2
HLW	85.80	318	eP	41	59.00	1.8
			eS	52	16.00	
CMS	86.19	193	eP	42	00.00	1.1
ALI	86.58	346	eP	42	02.00	1.0
			iS	52	41.00	
MTH	87.03	352	iP	42	03.00	-0.2
STK	87.22	196	iPd	42	04.60	0.8
	0.8s	33.00nm			5 6mb	
CRT	88.15	348	iPd	42	08.80	0.1
MEK	88.30	217	eP	42	09.70	0.5
YOU	88.65	190	iPd	42	12.20	1.5
			i	42	27.30	52km
GCM	89.60	57	P	42	16.25	0.6
CAN	89.61	190	iPd	42	16.60	1.3
			i	42	30.70	48km
WAM	90.49	190	iPd	42	20.90	1.7
			i	42	35.90	51km
ADE	90.73	198	iPc	42	21.20	0.8
	1.2s	62.50nm			5.9mb	
MRWA	91.59	218	iPc	42	24.10	-0.4
	0.6s	25.00nm			5.8mb	
AVE	92.43	350	iP	42	29.50	0.9
BAL	92.59	217	eP	42	28.00	-1.0
KLB	93.12	216	eP	42	31.00	-0.4
MNG	95.12	169	P	42	41.00	0.6
BOG	105.78	58	ePKP	47	43.50	1.3
BNG	113.83	318	ePKPd	47	55.40	-1.7
	0.9s	23.00nm				
			ic	47	57.00	
			id	48	40.00	
KIC	118.62	344	iPKP	48	06.10	-0.1
DRV	121.44	190	ePKP	48	09.00	-0.9
TET	124.58	292	ePKP	48	17.00	-0.4
ARE	124.89	68	ePKP	48	19.00	0.6
MTD	126.18	294	iPKPc	48	21.00	0.3
CNCB	127.07	65	iPKP	48	24.00	1.0
KRI	127.28	295	iPKPc	48	23.00	0.1
TPZ	130.47	69	iPKP	48	33.10	4.0X
BUL	130.53	294	iPKPc	48	29.40	0.4
			iSKP	51	51.90	
ITR	132.21	26	ePKP	48	18.30	-13.9X
			e	48	32.10	
			e	48	48.60	
			e	50	39.70	
			e	50	54.10	
YJA	132.79	66	ePKP	48	18.00	-15.6X
JOZ	134.38	285	iPKPc	48	39.10	3.2X
	1.0s	50.00nm				
SLA	134.84	68	ePKPc	48	36.20	-0.9
SLR	135.19	290	ePKP	48	27.00	-10.7X
	1.0s	85.00nm				
			i	48	38.00	
BAO	135.50	42	ePKP	48	25.50	-13.0X
			e	48	38.50	
BFS	136.93	290	ePKP	48	40.00	-1.0
	1.0s	90.00nm				
			i	48	55.00	
SEK	137.57	288	ePKP	48	37.20	-5.0X
	0.7s	39.04nm				
			i	48	42.60	
VIR	137.81	289	e(PKP)	48	33.70	-8.9X
MDZ	139.15	79	e(PKP)	48	34.70	-10.1X
TCA	140.45	74	ePKPc	48	38.80	-8.4X
VAO	142.53	45	ePKP	48	47.00	-4.1X
			e	48	51.00	
			e	48	53.80	
			e	49	00.20	
SPA	143.87	180	iPKPd	48	48.90	-3.2X
	1.0s	212.50nm				
			i	49	04.10	
			i	49	15.00	
VBA	146.76	79	ePKPc	48	57.30	-0.4
SNA	162.04	198	e(PKP)	49	17.10	0.1
	S.D. = 0.9	on 341 of 363 obs.				

? MAY 26, 1985 00h 03m 55.06± 0.99s
33.650 N ±15.3km 138.609 E ±36.9km
DEPTH = 290.8 ± 11.5 km
4.2mb (3 obs.)
SOUTH OF HONSHU, JAPAN (211)

OYM	1.84	16	iPc	04	40.40	0.3
KYS	2.00	39	eP	04	41.40	0.1
SRY	2.03	15	iPc	04	41.70	0.1
TOK	2.24	25	iP	04	44.20	0.9
			S	05	20.20	
DDR	2.39	11	iPc	04	44.80	0.0
			S	05	21.80	
TSK	2.84	25	iPc	04	48.00	-0.9
MAT	2.90	354	iPd	04	49.10	-0.5
			iS	05	29.70	
WB2	53.45	185	eP	12	47.30	-0.4
SOD	67.19	337	iP	14	19.60	0.0
KJF	68.55	334	eP	14	27.00	-1.0
SUF	69.96	333	iP	14	36.00	-0.6
	0.5s	2.80nm			4.2mb	
NUR	71.84	332	iP	14	47.40	-0.3
HFS	76.20	335	eP	15	11.70	-0.9
	0.3s	1.90nm			4.3mb	
NB2	76.39	337	P	15	13.70	0.0
	0.7s	2.90nm			4.1mb	
CLL	82.85	329	iPc	15	48.60	0.6
PRU	83.13	327	P	15	50.50	1.0
KHC	84.18	327	P	15	56.40	1.6
	S.D. = 0.8	on 17 of 17 obs.				

• MAY 26, 1985 01h 54m 38.79± 1.59s
2.225 N ±27.5km 95.576 W ±21.0km
DEPTH = 10.0km (geophysicist)
4.2mb (10 obs.) 4.9Msz (1 obs.)
GALAPAGOS ISLANDS REGION (696)

GIE	6.04	119	P	56	08.90	-1.4
			eS	57	16.00	
TPM	17.00	349	iPc	58	42.50	4.0X
TAC	17.44	349	iP	59	07.00	22.9X
PSO	18.27	93	eP	58	56.00	1.4
BOG	21.60	83	eP	59	32.00	0.5
			eS	03	11.00	
BMG	22.93	77	eP	59	45.00	0.6
LTX	28.04	345	eP	00	32.20	-0.2
	1.2s	2.61nm			3.9mb	
LTX	28.04	345	eP	00	32.50	0.1
	1.1s	2.35nm			3.9mb	
BHO	32.00	1	e(P)	01	05.80	-1.6
	1.2s	4.70nm			4.3mb	
CNCB	33.16	126	P	01	21.20	2.7X
TUL	33.52	360	e(P)	01	30.20	9.5X
	0.8s	3.70nm			4.4mb	
RLO	33.78	1	e(P)	01	42.20	19.3X
ALQ	34.09	344	eP	01	19.00	-6.9X
	1.0s	3.50nm			4.2mb	
Z	18s	2.23um			4.9Msz	
EUR	41.47	336	iP	02	29.20	1.4
	0.2s	1.40nm			4.3mb	
BDW	42.27	345	eP	02	34.50	0.2
	1.0s	4.20nm			4.1mb	
RSSD	42.39	351	eP	02	44.30	9.0X
	1.2s	6.90nm			4.3mb	
BMN	42.79	336	eP	02	41.00	2.5
	1.1s	3.90nm			4.0mb	
PNT	51.22	340	eP	03	44.00	-0.5
	0.6s	6.00nm			4.7mb	
EDM	52.91	347	eP	03	57.00	-0.3
ITR	58.00	102	e(P)	04	35.00	0.4
YKC	61.75	350	eP	04	59.00	-0.6
YKA	61.79	350	eP	04	59.20	-0.6
FRB	64.51	13	eP	05	16.00	-1.7
INK	70.79	346	eP	05	57.50	0.4
MBC	75.15	354	eP	06	22.00	-0.6
KMI	147.53	328	ePKP	14	27.00	3.8X
	S.D. = 1.2	on 18 of 26 obs.				

• MAY 26, 1985 01h 54m 39.20± 0.83s
26.766 S ± 6.1km 26.636 E ±12.5km
DEPTH = 5.0km (geophysicist)
4.8mb (1 obs.)
REPUBLIC OF SOUTH AFRICA (584)

BFS	0.19	135	iPd	54	42.70	-0.4
VIR	1.32	171	iPd	55	03.20	-1.0
			S	55	16.50	
SEK	1.78	151	iPd	55	11.00	0.0
			S	55	30.50	
SLR	1.80	56	iPd	55	13.60	2.4
			S	55	36.60	
BLF	2.37	190	iPd	55	19.50	0.0
			S	55	47.50	
JOZ	4.90	99	eP	55	56.00	0.7
			S	56	48.80	
BUL	6.84	16	iPnc	56	23.90	1.1
			iSn	57	46.60	
			iSg	58	12.10	
KRI	10.27	16	iPn	57	09.00	-1.4
			iSn	59	00.00	
			iSg	00	00.00	
MTD	10.95	26	iPn	57	18.00	-1.7
			iSn	59	15.00	
			iLg	00	20.00	
TET	12.38	33	ePn	57	37.00	-2.1
			eSn	59	51.00	
			eSg	59	59.00	
			iLg	01	10.00	
BNG	31.99	345	iPd	01	09.20	0.5
	0.5s	7.00nm			4.8mb	
SPA	63.39	180	e(P)	05	11.80	0.0
KHC	76.45	351	P	06	34.00	2.6X
PNT	145.61	320	ePKP	14	22.00	1.9
	0.9s	10.00nm				
EUR	146.45	302	iPKP	14	26.00	3.9X
	0.4s	8.46nm				
	S.D. = 1.5	on 13 of 15 obs.				

• MAY 26, 1985 03h 18m 03.30± 1.50s
7.727 S ±16.7km 121.424 E ±16.6km
DEPTH = 69.8 ± 18.3 km
4.3mb (1 obs.)
FLORES SEA (279)

MKS	3.16	322	iPd	18	51.60	-0.1
KUPT	3.23	138	ePd	19	02.30	9.6X
DNP	6.22	261	ePd	19	34.70	0.1
KNA	10.73	139	iPc	20	36.20	-0.3
WB2	17.45	135	eP	22	03.70	0.0
			eS	25	08.20	
ASPA	19.86	144	eP	22	32.00	0.5
CHG	34.45	320	eP	24	48.00	1.5
CHTO	34.45	320	iP	24	48.00	1.5
	1.1s	4.42nm			4.3mb	
PKI	49.45	317	eP	26	47.30	-1.6
DMN	49.68	316	eP	26	49.20	-1.4

S.D. = 1.4 on 9 of 10 obs.

MAY 26, 1985 04h 24m 57.46± 0.61s
35.561 N ± 5.6km 140.632 E ± 5.8km
DEPTH = 60.1 ± 4.0 km
4.9mb (18 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Choshi and (I JMA) at Tokyo.

CHO	0.24	46	iPc	25	05.10	-2.1
			iS	25	11.00	
KYS	0.54	228	iPd	25	10.30	0.4
TOK	0.72	280	iP	25	12.90	0.8
			S	25	29.50	
TSK	0.77	327	iPd	25	11.20	-1.5
MIT	0.83	351	Pd	25	12.20	-1.1
			S	25	23.10	
TAT	0.85	228	eP	25	15.00	1.3
			S	25	26.70	
SRY	1.11	273	iPd	25	10.30	-6.8X
OYM	1.14	263	iPd	25	18.50	0.9
UTS	1.16	328	eP	25	17.00	-0.7
			eS	25	35.00	
KMG	1.17	300	P	25	18.10	0.2
			eS	25	35.00	
DDR	1.25	291	iPd	25	19.00	-0.1
OSH	1.30	233	eP	25	20.00	0.3
			S	25	38.40	
ONA	1.40	9	eP	25	21.00	0.0
			S	25	36.80	
KOF	1.69	274	eP	25	27.00	1.8
			S	25	52.00	
MAT	2.19	297	iPd	25	33.10	0.9
			eS	26	06.00	
FKS	2.19	357	eP	25	33.00	0.9
			eS	25	53.00	
NAG	3.02	264	eP	25	52.00	8.2X
			eS	26	40.00	
SHK	6.61	263	eP	26	35.30	1.2
MDJ	12.37	320	eP	27	52.00	-0.7
CN2	14.28	310	Pd	28	20.50	2.6
SNY	14.70	300	Pd	28	27.60	4.2X
DL2	15.50	288	eP	28	35.10	1.5
SSE	16.85	260	eP	28	56.70	6.1X
	Z 14s		1.20um			5.1MszX
TIA	19.05	279	Pd	29	15.10	-2.5
BJI	19.82	290	eP	29	23.50	-2.2
WHN	22.56	265	eP	29	53.50	0.0
TIY	22.70	284	P	29	56.20	1.3
HHC	23.39	292	P	30	00.80	-0.8
XAN	26.03	276	Pd	30	25.40	-1.3
GYA	30.37	262	Pd	31	04.00	-2.0
CD2	31.07	272	iPd	31	10.90	-1.1
GTA	32.42	289	P	31	23.20	-0.6
KMI	34.13	263	eP	31	36.50	-2.4
CHG	40.33	257	eP	32	30.50	-0.2
CHTO	40.33	257	iP	32	30.90	0.2
	1.0s		2.75nm			4.0mb
WMO	40.96	298	eP	32	35.00	-0.8
SHL	42.77	270	eP	32	50.00	-0.9
COL	50.68	32	eP	33	53.00	0.6
NDI	53.34	282	eP	34	11.50	-1.3
WB2	55.52	187	eP	34	27.20	-1.5
INK	55.99	27	ePc	34	31.50	-0.1
HYB	57.54	269	ePc	34	42.50	-0.8
GBA	60.47	266	Pc	35	03.10	-0.4
	1.1s		37.90nm			5.4mb
OUE	60.79	288	eP	35	05.00	-0.7
POO	60.80	273	iPc	35	06.00	0.2
ALE	61.63	3	ePc	35	10.10	-0.5
	1.1s		7.00nm			4.7mb
YKA	65.40	30	eP	35	35.80	0.4
YKC	65.46	30	eP	35	36.00	0.2
DAG	67.19	355	iPc	35	46.10	-0.6
	0.5s		3.52nm			4.6mb
KJF	67.56	334	iP	35	49.50	0.3
	0.8s		23.50nm			5.2mb
SUF	69.01	333	iP	35	57.70	-0.5
	0.8s		5.80nm			4.6mb
YOU	69.85	173	eP	36	04.50	0.9
			e	36	17.80	
UPP	74.00	334	iP	36	27.10	-0.8
HFS	75.17	336	eP	36	34.10	-0.6
	0.5s		2.20nm			4.3mb
NB2	75.30	337	P	36	35.50	0.0
	0.8s		10.30nm			4.8mb
FRB	78.35	13	eP	36	53.00	0.7
KSP	81.02	328	ePc	37	07.70	0.8
CLL	82.05	330	iPc	37	16.90	4.7X
	1.1s		18.00nm			5.0mb
			e	37	27.00	
GRF	84.02	330	iPc	37	23.80	1.4
	0.9s		15.00nm			5.0mb
VAY	84.73	318	eP	37	27.00	0.9
CDF	86.63	331	eP	37	35.80	0.3
	0.9s		7.80nm			4.9mb
AVF	89.48	332	eP	37	49.70	0.6
	0.9s		9.20nm			5.1mb
GRR	89.64	335	eP	37	50.30	0.5
LPF	90.01	335	eP	37	52.20	0.7
MZF	90.25	332	eP	37	53.70	1.0
LSF	90.62	333	eP	37	54.80	0.4
	0.8s		2.90nm			4.7mb
FRF	90.81	328	eP	37	55.20	-0.1
MFF	90.93	334	eP	37	56.90	1.1
	0.9s		7.20nm			5.1mb
LRG	91.01	329	eP	37	56.50	0.3
LMR	91.05	328	eP	37	56.50	0.1
	0.9s		7.20nm			5.1mb
RJF	91.42	332	eP	37	58.90	0.8
	0.9s		6.50nm			5.0mb
CAF	91.53	332	eP	37	59.80	1.1
	1.0s		16.00nm			5.4mb
LFF	92.03	333	eP	38	01.90	1.0
	0.8s		4.90nm			5.0mb
LPO	92.07	332	eP	38	01.30	0.2
CNCB	148.43	61	ePKP	44	39.00	2.8X
			i	44	42.20	
TPZ	150.77	69	(PKP)	44	53.00	13.6X
ITR	153.31	358	e(PKP)	44	51.00	8.2X

S.D. = 1.1 on 69 of 77 obs.

• MAY 26, 1985 05h 17m 44.16± 1.12s
3.819 S ±13.9km 128.794 E ±20.4km
DEPTH = 132.7 ± 8.8 km
4.7mb (6 obs.)
CERAM (272)

AAI	0.61	282	ePc	18	04.40	0.0
			eS	18	16.50	
MTN	9.26	166	eP	19	57.00	1.1
KNA	11.86	180	eP	20	30.00	-0.1
WB2	16.92	162	iPd	21	32.60	-1.8
			eS	24	36.70	
ASPA	20.34	166	iPc	22	11.20	-0.8
	0.4s		282.00nm			6.0mb X
WBN	22.30	185	eP	22	32.00	0.6
	0.4s		7.00nm			4.4mb
CTA	23.48	135	eP	22	43.00	0.1
	0.7s		75.34nm			5.2mb
YOU	35.36	151	eP	24	28.60	-0.1
CAN	36.50	152	eP	24	38.90	0.6
TOO	36.91	158	eP	24	42.00	0.3
CHG	37.01	308	iPd	24	44.00	1.2
	0.8s		12.69nm			4.8mb
WAM	37.16	153	eP	24	44.30	0.5
PKI	52.17	309	eP	26	43.20	-0.7
	0.6s		5.00nm			4.5mb
KKN	52.38	310	eP	26	44.80	-0.5
	0.6s		11.00nm			4.9mb
DMN	52.43	309	eP	26	45.30	-0.4
	0.4s		5.00nm			4.7mb

S.D. = 0.9 on 15 of 15 obs.

MAY 26, 1985 05h 33m 56.12± 0.63s
31.875 N ±15.6km 40.696 W ± 3.6km
DEPTH = 10.0km (geophysicist)
4.6mb (21 obs.) 4.3Msz (1 obs.)
NORTH ATLANTIC RIDGE (403)

TOL	30.58	65	eP	40	12.00	-0.2
EPF	34.12	59	eP	40	43.30	0.2
	1.3s		14.40nm			4.7mb
LFF	34.62	56	eP	40	46.90	-0.4
	1.0s		8.80nm			4.6mb
LPO	34.90	56	eP	40	49.50	-0.3
	0.9s		11.10nm			4.7mb
RJF	35.21	55	eP	40	51.80	-0.6
LSF	35.36	54	eP	40	53.30	-0.3
	1.2s		17.60nm			4.8mb
CAF	35.55	56	eP	40	54.90	-0.4
	0.9s		5.50nm			4.4mb
TCF	35.83	54	eP	40	57.50	-0.2
	0.9s		7.50nm			4.6mb
BGF	36.30	53	eP	41	01.30	-0.3
	1.1s		7.90nm			4.5mb
SSF	36.82	53	eP	41	06.00	0.0
SMF	36.99	53	eP	41	07.70	0.3
	1.2s		14.80nm			4.6mb
LOR	37.09	52	eP	41	08.10	-0.2
	1.0s		4.80nm			4.2mb
LBF	37.13	53	eP	41	08.30	-0.3
LRG	38.53	59	eP	41	21.00	0.6
	0.9s		6.80nm			4.4mb
LMR	38.64	59	eP	41	21.40	0.1
	1.1s		10.80nm			4.5mb
FRF	38.74	59	eP	41	22.50	0.3
	0.8s		6.70nm			4.4mb
HAU	38.86	52	eP	41	23.20	0.1
CDF	39.52	51	eP	41	28.60	-0.1
	1.0s		8.00nm			4.3mb
ORO	39.77	55	e(P)	41	31.50	0.7
LMC	39.92	309	eP	41	31.50	-0.4
CTI	42.35	55	e(P)	41	48.00	-4.0X
CLL	43.51	47	eP	42	03.00	1.8
KBA	43.53	53	eP	42	10.00	8.3X
	1.0s		9.90nm			4.5mb
KHC	43.73	50	P	42	03.50	0.4
			e	42	09.40	
PRU	44.40	49	P	42	09.50	1.0
RLO	44.75	291	eP	42	11.90	0.4
SGO	45.35	63	eP	42	16.50	0.3
TUL	45.41	291	eP	42	17.50	0.8
	1.3s		36.20nm			5.2mb
	Z 20s		0.37um			4.3Msz
	N 20s		0.21um			
	E 20s		0.20um			
FFC	48.30	317	eP	42	39.00	-0.3
	1.3s		15.00nm			4.9mb
JCT	50.03	285	eP	42	53.80	0.8
	1.1s		12.66nm			4.8mb
LTX	53.58	285	P	43	20.00	0.3
	1.4s		7.91nm			4.5mb
ALO	54.09	292	eP	43	05.00	-18.5X
	0.9s		5.46nm			
BDW	54.45	302	eP	43	25.60	-0.5
	1.0s		9.20nm			4.8mb
YKA	54.91	327	eP	43	28.80	-0.1
MBC	56.62	344	eP	43	40.00	-1.1
NEW	58.37	310	eP	43	53.00	-0.8
EUR	59.99	300	iP	44	05.00	-0.3
	0.7s		2.75nm			4.5mb
BMN	60.61	302	eP	44	10.00	0.6
YMT3	61.19	297	eP	44	14.50	1.1
BNG	61.69	103	iPc	44	15.80	-1.3
	0.8s		7.00nm			4.9mb
			ic	44	22.00	
INK	61.82	335	ePc	44	16.70	-0.4
ORV	64.00	302	eP	44	30.90	-1.0

S.D. = 0.6 on 39 of 42 obs.

? MAY 26, 1985 05h 38m 32.43± 1.44s
16.653 N ±39.8km 94.895 W ±14.1km
DEPTH = 156.9 ± 16.1 km
3.9mb (1 obs.)
OAXACA, MEXICO (60)

VHO	1.85	289	iP	39	06.00	-0.9
			iS	39	30.00	
COM	2.68	98	iP	39	17.00	0.2
			iS	39	46.00	
TPM	4.60	301	iP	39	42.00	0.4
			iS	40	32.50	
III	4.69	292	iP	39	43.20	0.4
TAC	4.92	304	iP	40	03.00	17.0X
OXM	5.27	301	iP	39	51.00	0.4
LTX	14.97	329	eP	41	57.30	-0.2
	1.4s		7.91nm			3.9mb
			pP	43	20.00	
YKC	47.80	348	eP	6	55.00	-0.4
	0.4s		5.00nm			4.5mb X
YKA	47.84	348	eP	46	56.10	0.4
INK	57.11	344	eP	48	04.00	-0.3

S.D. = 0.6 on 9 of 10 obs.

MAY 26, 1985 05h 50m 09.69± 0.26s
34.345 N ± 4.1km 136.327 E ± 3.2km
DEPTH = 364.7 ± 2.7 km
4.6mb (29 obs.)
SOUTHERN HONSHU, JAPAN (232)

26d 05h

OSA	0.74	297	eP	50	58.00	1.5
			iS	51	34.80	
NAG	0.97	33	P	50	48.50	-8.8X
			eS	51	32.00	
HMM	1.21	72	ePd	50	59.50	1.3
			eS	51	37.00	
OYM	2.63	65	iPd	51	07.20	-0.2
MAT	2.68	34	iPd	51	07.70	-0.1
			eS	51	53.00	
SRY	2.73	62	iPd	51	07.70	-0.5
DDR	2.87	4	iPd	51	09.30	-0.2
			S	51	55.80	
SHK	3.02	275	ePd	51	12.20	1.4
			eS	52	00.40	
KYS	3.26	74	iPd	51	11.80	-1.1
TSK	3.61	58	iPd	51	14.20	-2.0
SEO	8.24	296	iPd	52	09.90	2.3
	0.9s	134.45nm			5.1mb	
			eS	53	46.00	
MDJ	11.50	335	eP	52	45.60	-0.8
			S	54	51.50	
SNY	12.51	310	eP	52	58.80	0.4
			sP	54	16.00	
			iS	55	15.00	
DL2	12.65	295	P	52	59.50	-0.7
CN2	12.66	321	Pc	52	59.00	-1.3
			S	55	18.00	
SSE	13.15	260	eP	53	05.00	-1.1
NJ2	14.81	266	eP	53	23.20	-0.7
TIA	15.80	2,2	Pd	53	34.10	-0.3
BJI	17.02	295	eP	53	46.00	-1.0
			eS	56	43.00	
QZH	18.02	243	iPc	53	56.50	-0.6
WHN	18.93	265	iP	54	07.30	1.1
TIY	19.60	287	iPd	54	13.00	0.2
			S	57	35.50	
HHC	20.63	296	P	54	23.00	0.2
			S	57	55.00	
BTO	21.75	294	eP	54	33.90	0.3
			eS	58	11.00	
PJG	22.07	157	e(P)	54	37.30	0.7
XAN	22.65	277	iPd	54	42.20	0.2
MAN	23.96	219	eP	54	55.20	1.2
LZH	26.53	283	Pd	55	17.50	0.0
GYA	26.70	261	Pd	55	18.40	-0.5
CD2	27.58	272	iPd	55	26.00	-0.7
GTA	29.51	291	P	55	43.90	0.3
KMI	30.47	252	eP	55	51.00	-1.2
LOE	35.19	250	eP	56	31.50	-0.6
CHTO	36.60	255	iP	56	44.00	0.0
	1.0s	10.25nm			4.1mb	
KHT	39.16	250	eP	57	06.20	1.2
NNT	39.63	246	ePd	57	09.70	0.8
PKI	43.81	276	iPd	57	43.20	0.3
	0.8s	46.00nm			4.8mb	
KKN	43.84	276	iPd	57	43.60	0.6
DMN	44.05	276	iPd	57	45.00	0.3
	0.8s	36.00nm			4.7mb	
IPM	44.14	236	ePd	57	45.60	0.4
	0.9s	46.20nm			4.7mb	
KGM	44.52	231	ePc	57	49.00	0.9
PSI	46.94	236	iPc	58	06.60	-0.4
MTN	47.19	187	iPc	58	08.10	-0.7
	0.5s	21.00nm			4.7mb	
PPI	48.28	232	eP	58	16.20	-1.0
	0.7s	21.50nm			4.5mb	
TTA	49.97	34	eP	58	29.50	-0.1
BRW	50.49	23	eP	58	34.00	0.7
IMA	51.08	30	eP	58	38.40	0.5
KDC	51.89	40	eP	58	43.50	-0.2
PME	53.27	35	eP	58	52.70	-1.1
	1.0s	7.50nm			4.0mb	
COL	53.56	31	eP	58	56.00	0.1
	0.8s	19.40nm			4.5mb	
FBA	53.56	31	eP	58	56.00	0.1
	1.0s	17.50nm			4.3mb	
HYB	53.96	267	eP	58	59.00	-0.5
	0.9s	37.50nm			4.7mb	
WB2	54.02	182	eP	58	58.70	-0.9
GBA	56.84	264	Pd	59	18.50	-1.2
	0.7s	30.20nm			4.8mb	
POD	57.30	271	iPc	59	22.00	-1.0
MBL	57.38	198	iPc	59	22.70	-0.6
	0.4s	12.00nm			4.7mb	
ASPA	57.74	183	eP	59	25.00	-0.7
			eS	06	57.00	
INK	58.64	26	ePc	59	30.70	-0.7
	0.5s	14.00nm			4.6mb	
KOD	58.65	261	eP	59	31.00	-1.5
MBC	60.24	15	eP	59	51.00	8.8X
	0.7s	28.00nm			4.9mb	
ALE	63.03	3	eP	00	00.00	-0.4
	0.6s	11.00nm			4.7mb	
KEV	64.46	339	iP	00	10.10	0.4
	0.6s	9.10nm			4.6mb	
SOD	65.80	336	iP	00	17.80	-0.5
DAG	68.06	354	iPd	00	31.30	-0.8
	0.7s	15.75nm			4.9mb	
YKA	68.17	28	eP	00	32.90	0.0
SUF	68.48	332	iP	00	34.10	-0.7
	0.5s	4.10nm			4.4mb	
YOU	69.19	169	eP	00	40.00	0.6
			i	02	03.70	
NUR	70.32	331	iP	00	45.90	0.0
	0.6s	9.10nm			4.7mb	
PNT	72.95	42	eP	01	02.00	0.4
UPP	73.48	333	iP	01	03.70	-0.7
HFS	74.76	334	eP	01	11.00	-0.6
	0.4s	5.10nm			4.6mb	
NEW	74.91	42	eP	01	13.10	0.3
	0.8s	1.40nm			3.7mb	
NB2	74.99	336	P	01	12.60	-0.4
	0.5s	3.60nm			4.4mb	
ORV	77.21	51	eP	01	25.20	-0.4
FFC	78.16	30	eP	01	30.00	-0.4
	0.9s	16.00nm			4.8mb	
BMN	79.40	48	eP	01	38.80	1.3
FRB	80.26	11	eP	01	41.00	-0.3
EUR	80.74	48	iP	01	46.00	1.4
	0.3s	5.77nm			4.9mb	
CLL	81.27	328	e(P)	01	47.00	0.2
PRU	81.51	326	P	01	49.50	1.4
YMT3	82.08	51	eP	01	52.10	0.7
MOX	82.35	328	eP	01	53.00	0.6
BDW	82.46	43	eP	01	53.20	-0.3
	1.0s	6.00nm			4.3mb	
KHC	82.56	326	P	01	54.90	1.3
GRF	83.22	328	iPc	01	57.90	1.1
	1.1s	18.00nm			4.8mb	
ENN	84.65	331	eP	02	04.00	0.1
	1.0s	10.00nm			4.6mb	
MEM	84.74	331	P	02	05.10	0.8
LHC	88.10	28	eP	02	21.00	0.4
ALQ	89.47	47	eP	02	28.00	0.5
	1.0s	5.50nm			4.4mb	
LTX	95.03	49	iP	02	54.20	1.2
ITR	154.08	348	ePKP	09	28.20	8.6X
	0.4s	7.30nm				

S.D. = 0.8 on 88 of 91 obs.

* MAY 26, 1985 08h 09m 53.50± 1.10s
40.272 N ±11.3km 25.736 E ±10.8km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.63	134	iPg	10	06.00	-0.2
			iSg	10	21.00	
KDZ	1.40	348	iPc	10	19.00	0.0
EDC	1.63	87	ePn	10	22.80	0.5
PLD	1.99	337	eP	10	59.00	31.5X
MMB	2.01	311	eP	10	28.00	0.1
DMK	2.18	44	ePn	10	29.90	-0.3
JMB	2.28	16	eP	10	43.00	11.2X
DST	2.32	106	ePn	10	24.50	-7.9X
VTS	3.01	321	eP	10	51.00	9.0X

S.D. = 0.5 on 5 of 9 obs.

& MAY 26, 1985 08h 16m 44.34s
61.244 N 147.293 W
DEPTH = 25.9km
SOUTHERN ALASKA (2)
<AGS-P>. ML 3.6 (PMR).

TTV	0.21	156	iP	16	50.46	0.2
			iS	16	55.28	
CFI	0.24	255	iP	16	50.16	-0.4
GLI	0.38	165	iP	16	52.08	-0.6
VZW	0.40	117	iP	16	52.70	-0.4
VLZ	0.48	103	iP	16	53.73	-0.5
			eS	17	01.21	
KNK	0.59	287	iP	16	55.07	-0.9
			iS	17	03.28	
SCM	0.59	358	iP	16	55.76	-0.4
FID	0.63	141	iP	16	55.48	-1.3
KLU	0.71	69	iP	16	57.45	-0.6
SML	0.75	319	iP	16	57.91	-0.9
PME	0.92	296	eP	17	00.30	-1.2
PTE	0.92	246	iP	16	59.79	-1.7
			iS	17	11.76	
HIN	0.93	155	iP	17	00.92	-0.8
GHO	0.94	305	iP	17	00.74	-1.2
			eS	17	12.38	
TSIM	0.95	90	iP	17	00.85	-1.1
			eS	17	17.08	
PLRM	0.95	292	iP	17	00.33	-1.6
MSE	1.00	307	iP	17	01.26	-1.5
TOA	1.02	31	eP	17	02.50	-0.4
CVA	1.03	132	iP	17	02.80	-0.2
PMS	1.10	271	eP	17	02.50	-1.6
KMP	1.12	75	iP	17	03.78	-0.7
			iS	17	20.64	
MPA	1.26	234	eP	17	04.94	-1.4
			iS	17	21.47	
SGAM	1.26	125	eP	17	05.99	-0.4
PWA	1.31	289	eP	17	05.80	-1.2
CSG	1.33	115	iP	17	08.02	0.7
BMRM	1.35	101	eP	17	06.83	-0.8
RAGM	1.54	123	eP	17	11.27	0.8
SEW	1.56	224	iP	17	09.63	-1.0
			iS	17	28.54	
SLKM	1.61	244	iP	17	10.55	-0.9
			iS	17	31.69	
SUA	1.68	279	iP	17	12.00	-0.5
GLB	1.69	82	iP	17	12.84	0.2
MID	1.88	165	P	17	16.40	1.1
NKA	1.99	257	iP	17	17.58	0.8
SKT	2.15	292	iP	17	18.33	-1.0
CGLM	2.28	274	iP	17	20.35	-0.7
SPU	2.31	271	iP	17	20.18	-1.2
BRLK	2.32	232	iP	17	19.97	-1.6
CRP	2.35	273	eP	17	21.08	-1.1
BALM	2.41	93	eP	17	22.36	-0.6
RDT	2.59	257	eP	17	23.65	-1.8
YAH	2.86	106	iP	17	28.51	-0.9
CTGM	2.91	93	eP	17	29.75	-0.3
ILM	2.92	251	eP	17	28.01	-2.0
AGAM	3.27	107	eP	17	38.62	3.5
AUL	3.58	241	eP	17	38.27	-1.2
PCA	3.65	105	eP	17	38.83	-1.7
COL	3.68	357	eP	17	40.00	-0.9
FBA	3.68	357	eP	17	40.00	-0.9
BCPM	3.99	106	eP	17	43.62	-1.7
SVW	4.04	272	eP	17	43.00	-3.0
PNL	4.22	109	eP	17	48.00	-0.5
KDC	4.39	219	eP	17	48.00	-3.0
TTA	4.43	296	eP	17	49.00	-2.7
HON	4.55	110	eP	17	50.89	-2.4
IMA	5.61	332	eP	18	06.40	-2.0

55 obs. associated

? MAY 26, 1985 08h 39m 13.10± 1.77s
17.117 S ±30.6km 179.139 W ±35.0km
DEPTH = 562.4 ± 10.7 km
4.6mb (3 obs.)
FIJI ISLANDS REGION (181)

SGE	2.84	260	iPc	40	28.90	0.0
CAN	33.64	231	eP	45	09.00	-0.1
YOU	33.70	233	eP	45	09.70	0.2
WAM	34.09	230	iPd	45	13.10	0.4
TOO	37.14	230	iPd	45	37.30	-0.6
WRA	44.09	259	Pd	46	33.20	-0.5
	0.2s	1.30nm			4.1mb	
ASPA	44.34	253	iPd	46	36.00	0.4
	0.8s	39.00nm			5.0mb	
WBN	50.95	250	iPd	47	25.50	0.2
	0.7s	20.00nm			4.7mb	
CLL	144.54	347	ePKP	57	47.00	0.0

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

* MAY 26, 1985 08h 59m 29.24± 0.74s
31.150 S ± 9.6km 179.526 W ±16.6km
DEPTH = 334.1 ± 10.0 km
4.3mb (3 obs.)
KERMADEC ISLANDS REGION (177)

RAO	2.35	37	P	00	23.00	0.9
			S	00	54.00	
GNZ	7.74	194	P	01	20.30	-0.4
			S	02	50.00	
KRP	7.89	210	P	01	29.00	6.5X

			S	03 02.00		
MNG	10.28	202	P	01 51.00	-0.5	
			e	03 34.00		
			S	03 43.00		
WEL	11.11	203	eP	02 01.00	-0.5	
			S	04 00.00		
NDF	13.61	348	eP	02 42.00	10.3X	
SGE	13.70	350	iPc	02 32.10	-0.7	
NOU	15.30	302	iPc	02 51.00	0.6	
KOU	17.97	302	iPc	03 17.80	-0.3	
AFI	18.58	24	P	03 23.00	-1.4	
			S	06 37.00		
CAN	26.59	253	eP	04 42.00	2.2X	
WAM	26.70	251	eP	04 42.50	1.9	
YOU	27.12	255	eP	04 47.20	2.7X	
CTA	32.64	281	iPc	05 32.80	0.1	
	0.5s		6.34nm		4.3mb	
WRA	42.82	274	Pc	06 55.40	-1.6	
	0.6s		2.20nm		3.6mb	
SPA	59.02	180	iP	08 59.90	3.1X	
	0.8s		65.00nm		5.1mb	
YKA	106.69	26	ePKP	17 17.20	1.7	
SOD	140.57	344	ePKP	18 13.00	-6.7X	
KJF	142.79	341	iPKP	18 19.80	-3.9X	
	0.6s		11.70nm			
SUF	144.38	340	iPKP	18 24.80	-1.6	
	0.5s		89.40nm			
NUR	146.54	338	iPKP	18 32.00	1.9	
	0.7s		36.00nm			
UPP	149.07	343	iPKP	18 38.10	4.0X	
			i	18 43.40		
NB2	149.27	350	PKP	18 38.60	4.1X	
	0.6s		10.50nm			
HFS	149.69	347	ePKP	18 39.60	4.5X	
	0.5s		9.60nm			

S.D. = 1.4 on 14 of 24 obs.

% MAY 26, 1985 09h 09m 26.17± 0.79s
39.053 N ± 7.7km 29.998 E ± 8.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ALT	0.09	89	iPg	09 29.70	0.9	
			eSg	09 32.70		
DST	1.20	298	iPn	09 47.50	-1.0	
GPA	1.26	11	iPn	09 49.40	-0.1	
BCK	1.66	164	ePn	09 53.70	-1.8	
EDC	2.09	309	ePn	10 06.80	5.1X	
ISK	2.14	341	ePn	10 05.00	2.7X	
IZM	2.24	254	iPn	10 05.20	1.3	
ELL	2.30	182	iPn	10 05.30	0.4	
YER	2.35	216	ePn	10 05.70	0.3	
CTT	2.41	331	ePn	10 09.00	2.7X	

S.D. = 1.3 on 7 of 10 obs.

? MAY 26, 1985 09h 17m 44.17± 2.58s
28.717 N ±12.3km 140.307 E ±21.8km
DEPTH = 76.9 ± 21.6 km
4.3mb (6 obs.)
BONIN ISLANDS REGION (212)

MAT	8.00	348	(P)	19 40.00	0.1	
	1.0s		10.00nm		4.5mb	
WRA	48.72	187	Pc	26 22.70	-0.1	
	0.6s		3.20nm		4.5mb	
COL	56 72		eP	27 22.00	0.2	
INK	62.26	25	ePd	27 58.90	-0.9	
MBC	64.76	15	eP	28 16.00	-0.1	
YKC	71.57	28	eP	28 58.00	-0.6	
DAG	73.97	355	iPc	29 12.00	-0.4	
	0.8s		2.99nm		4.3mb	
EDM	76.51	36	ePd	29 27.30	0.0	
NEW	76.83	42	eP	29 29.00	-0.2	
HFS	81.28	336	eP	29 52.90	0.0	
	0.6s		1.60nm		4.1mb	
NB2	81.49	338	P	29 54.20	0.1	
	0.7s		2.40nm		4.2mb	
BDW	84.21	44	eP	30 09.80	1.1	
	0.8s		1.46nm		4.1mb	
FRB	85.07	12	eP	30 13.00	0.8	

S.D. = 0.6 on 13 of 13 obs.

* MAY 26, 1985 10h 44m 08.69± 1.00s
16.382 S ± 9.4km 168.181 E ± 9.0km
DEPTH = 214.8 ± 9.0 km
4.7mb (5 obs.)
VANUATU ISLANDS (186)

PVC	1.36	175	iPd	44 42.50	-0.3	
KOU	5.57	221	iPc	45 31.80	0.6	
NOU	6.12	195	iPc	45 37.50	-0.9	
SVO	10.87	310	eP	46 48.00	8.1X	
VSG	10.88	310	P	46 45.00	5.0X	
CRZ	18.42	168	P	48 10.00	-0.4	
RMQ	20.66	238	eP	48 34.00	0.8	
CTA	21.15	257	iPc	48 38.70	0.8	
	1.1s		39.24nm		4.9mb	
KRP	22.42	165	P	48 52.20	2.1	
LAT	22.87	293	eP	48 56.00	1.3	
YOU	25.17	221	eP	49 17.40	1.3	
WAM	26.15	217	eP	49 24.90	0.0	
WRA	32.32	259	Pd	50 17.30	-2.4	
	1.0s		8.80nm		4.3mb	
ASPA	32.95	252	iPd	50 24.00	-1.2	
KNA	37.84	265	iPd	51 05.50	-1.0	
WBN	39.82	249	iPd	51 22.60	-0.2	
	0.8s		20.00nm		4.7mb	
MBL	45.89	256	iPd	52 11.10	-0.6	
NAU	49.84	254	eP	52 42.00	-0.2	
MAT	59.77	332	eP	53 53.00	-0.3	
	1.0s		15.00nm		4.6mb	
PSI	70.94	279	eP	55 04.00	-1.0	
	1.0s		24.80nm		4.9mb	
CN2	71.51	329	P	55 08.00	0.2	
GYA	73.37	305	P	55 19.80	0.6	
XAN	75.45	312	eP	55 31.20	0.4	
KMI	75.92	302	Pd-	55 35.00	1.1	
CD2	77.71	307	P	55 44.70	1.3	
SHL	85.12	298	iP	56 24.00	1.8	
KBA	142.98	331	e(PKP)	03 15.00	-3.5X	
	1.2s		8.30nm			
WLF	143.74	340	ePKP	03 18.70	-0.7	
GWF	143.83	338	ePKP	03 18.00	-1.7	
DOU	143.85	342	ePKP	03 18.70	-0.9	
OGA	144.18	333	iPKPc	03 19.90	-0.7	
CDF	144.43	338	ePKP	03 20.40	-0.4	
SLE	144.51	336	ePKPd	03 20.40	-0.5	
CTI	144.53	331	ePKP	03 20.50	-0.6	
SAX	144.59	335	ePKPd	03 21.10	-0.3	
OSS	144.70	334	ePKPd	03 21.70	0.2	
ZUL	144.78	336	ePKPd	03 21.20	-0.2	
LLS	145.04	335	ePKPd	03 22.40	0.3	
BSF	145.09	338	ePKP	03 22.40	0.4	
HAU	145.10	339	ePKP	03 22.40	0.5	
SAL	145.37	332	ePKP	03 23.50	1.1	
MMK	146.12	335	ePKPd	03 26.80	2.8X	
DIX	146.32	336	ePKPd	03 26.70	2.4X	
SGO	146.35	321	ePKP	03 26.00	1.9X	
FLN	146.40	346	ePKP	03 26.10	2.1X	
ORO	146.46	335	ePKP	03 25.50	1.2X	
LDF	146.48	346	ePKP	03 26.30	2.2X	
LOR	146.58	340	ePKP	03 26.90	2.5X	
LBF	146.79	340	ePKP	03 27.50	2.8X	
GRC	146.80	341	iPKPc	03 28.10	3.4X	
GRR	146.84	347	ePKP	03 27.60	2.9X	
SSF	146.88	341	ePKP	03 27.90	3.1X	
SMF	147.13	340	ePKP	03 27.50	2.2X	
AVF	147.16	341	ePKP	03 27.80	2.5X	
LPF	147.21	347	ePKP	03 28.80	3.5X	
BGF	147.53	341	ePKP	03 29.40	3.5X	
MZF	147.92	341	ePKP	03 30.50	4.0X	
BNG	147.92	252	iPKPd	03 30.70	3.2X	
	0.8s		35.00nm			
			ic	03 34.20		
TCF	147.97	342	ePKP	03 30.50	3.9X	
LSF	148.21	342	ePKP	03 30.90	3.9X	
MFF	148.34	345	ePKP	03 31.70	4.5X	
CVF	148.46	330	ePKP	03 31.80	4.3X	
FRF	148.69	334	ePKP	03 32.40	4.6X	
LRG	148.90	334	ePKP	03 33.10	5.0X	
LMR	148.93	334	ePKP	03 32.90	4.7X	
RJF	149.07	342	ePKP	03 33.80	5.4X	
CAF	149.23	341	ePKP	03 34.10	5.4X	
LFF	149.63	342	ePKP	03 35.10	5.9X	
LPO	149.73	341	ePKP	03 35.50	6.1X	
EPF	151.48	341	ePKP	03 39.60	7.5X	

S.D. = 1.0 on 38 of 70 obs.

% MAY 26, 1985 11h 27m 44.94± 1.94s
49.258 N ±17.5km 0.017 E ±10.6km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 3.0 (LDG).

FLN	0.59	214	Pn	27 59 00	2.0	
			Pg	28 00.00		
			Sg	28 17.30		
LDF	0.67	188	Pg	28 03.20	4.9X	
			Sg	28 23.20		
GRR	1.05	214	Pn	28 04.10	-0.5	
			Pg	28 06.40		
			Sg	28 29.60		
LPF	1.41	210	Pn	28 08.80	-1.9	
			Pg	28 13.30		
			Sg	28 41.00		
DOU	3.09	73	Pn	28 35.00	[illegible]	
LOR	3.25	126	Pn	28 36.40	[illegible]	
BGF	3.31	144	Pn	28 38 40	[illegible]	
			Sg	29 48.88		
TCF	3.32	153	Pn	28 38.28	[illegible]	
AVF	3.33	137	Pn	28 48.38	[illegible]	
MZF	3.50	149	Pn	2_ 41.10	[illegible]	
SMF	3.67	134	Pn	28 42.00	-0.9	

S.D. = 1.3 on 9 of 11 obs.

* MAY 26, 1985 11h 41m 39.12± 1.17s
2.629 N ±18.9km 95.533 W ±18.4km
DEPTH = 10.0km (geophysicist)
4.1mb (6 obs.) 4.2Msz (1 obs.)
GALAPAGOS ISLANDS REGION (696)

GIE	6.21	122	eP	43 14.00	1.0	
			eS	44 14.00		
TPM	16.62	348	eP	45 30.00	-4.0X	
PSO	18.25	94	eP	45 54.00	-0.7	
BOG	21.52	84	eP	46 31.00	0.1	
			eS	50 35.00		
LTX	27.66	345	eP	47 29.00	-0.3	
	1.0s		2.20nm		3.9mb	
BHO	31.60	1	e(P)	48 04.00	-0.2	
	0.9s		0.90nm		3.7mb	
TUL	33.12	360	eP	48 18.80	1.3	
	0.6s		6.70nm		4.7mb	
Z	20s		0.43um		4.2Msz	
CNCB	33.36	126	(P)	48 20.00	-0.6	
ALQ	33.72	344	e(P)	48 19.00	-4.0X	
TPZ	35.53	134	eP	48 58.00	19.1X	
BDW	41.89	344	eP	49 32.10	0.5	
	1.0s		4.00nm		4.1mb	
BMN	42.44	335	eP	49 41.00	5.0X	
	1.1s		3.25nm		4.0mb	
PNT	50.86	340	eP	50 42.00	-0.1	
	0.7s		8.00nm		4.8mb	
YKA	61.40	350	eP	51 56.70	-0.8	
INK	70.41	346	eP	52 55.00	-0.1	
			pP	53 15.00	75kmX	
KKN	149.75	359	ePKP	01 29.90	2.9X	
	0.8s		9.00nm			

S.D. = 0.8 on 11 of 16 obs.

% MAY 26, 1985 11h 47m 08.12± 0.98s
40.232 N ±13.7km 27.091 E ±11.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KGT	0.27	36	iPg	47 12.90	-1.0	
			iSg	47 18.30		
EDC	0.60	79	iPg	47 20.30	0.0	
			iSg	47 29.30		
EZN	0.71	236	iPn	47 22.00	-0.2	
CTT	1.37	48	iPn	47 33.80	0.6	
DMK	1.67	17	ePn	47 38.00	0.5	

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

& MAY 26, 1985 11h 57m 53.60s
38.803 N 122.332 W
DEPTH = 2.0km (geophysicist)
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.1 (BRK).

NWRM	0.56	232	iP	58 04.30	-0.4	
ZSP	0.86	176	eP	58 10.00	-0.8	
			eS	58 24.50		
GAS	0.90	341	eP	58 12.20	0.5	
BKS	0.93	175	eP	58 10.90	-1.2	
			eS	58 23.40		
DRV	0.99	40	iPd	58 12.20	-0.9	
MHC	1.56	159	eP	58 20.20	-2.3	
ARN	1.58	156	eP	58 20.20	-2.6	
MIN	1.64	20	eP	58 21.80	-1.9	
JAS1	1.74	120	eP	58 23.60	-1.4	
WDC	1.78	355	ePd	58 22.40	-3.2	

26d 11h

GCC	1.79	171	eP	58 23.00	-2.7
SLD	1.94	153	eP	58 25.00	-2.9
WCN	2.07	75	eP	58 30.00	0.0
SAO	2.15	161	eP	58 28.50	-2.5

14 obs. associated

% MAY 26, 1985 12h 45m 34.96± 0.88s
39.168 N ± 7.0km 27.610 E ± 8.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.82	200	iPg	45 50.90	0.1
			iSg	46 02.00	
DST	0.90	61	iPn	45 52.00	-0.3
EZN	1.19	304	iPn	45 57.00	-0.2
EDC	1.19	9	iPn	45 57.80	0.6
KGT	1.30	350	ePn	45 58.80	-0.3

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

* MAY 26, 1985 12h 55m 09.59± 0.91s
15.643 S ±10.6km 32.008 E ±11.4km
DEPTH = 10 0km (geophysicist)
4.6mb (1 obs.)
MOZAMBIQUE (581)

MTD	1.20	200	iPn	55 37.00	5.0X
TET	1.59	109	eP	55 42.00	4.2X
KRI	2.58	243	iPn	55 56.00	3.7X
BUL	5.52	215	ePn	56 34.50	0.5
			iSn	57 33.40	
			iSg	58 05.90	
NPA	7.01	86	eP	56 55.00	0.1
			eS	58 40.00	
SLR	10.63	199	eP	57 45.20	0.1
	1.0s		20.00nm	5 5mb X	
			S	58 39.00	
SEK	13.25	197	eP	58 20.00	-0.6
	0.8s		31.34nm	5 5mb X	
BLF	14.44	201	e(P)	58 40.50	4.3X
BNG	23.99	325	ePc	00 25.30	-0.1
	0.3s		5.00nm	4.6mb	
			id	00 34.00	
			id	06 42.00	

S.D. = 0.6 on 5 of 9 obs.

? MAY 26, 1985 13h 42m 27.84± 5.63s
31.963 S ±21.9km 69.624 W ±48.3km
DEPTH = 134.5 ± 32.4 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.85	56	iPc	42 50.00	-0.2
			S	43 05.00	
RTCV	0.93	84	iPc	42 51.00	0.1
			S	43 07.00	
MDZ	1.13	145	iP	42 52.60	-0.1
			iS	43 13.60	
RTLL	1.17	58	iPd	42 53.30	0.2
			S	43 11.00	
CFA	1.23	74	ePd	42 53.80	0.1
			S	43 12.20	
RFA	2.96	161	iPc	43 14.90	0.1
TCA	4.34	83	iPc	43 33.00	-0.1
			S	44 20.50	

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

& MAY 26, 1985 17h 12m 00.86s
62.056 N 148.027 W
DEPTH = 35 3km
CENTRAL ALASKA (1)
<AGS-P>.

SML	0.29	210	iP	12 08.70	0.0
SCM	0.40	124	iP	12 10.25	0 1
MSE	0.50	244	iP	12 10.56	-1.0
GHO	0.51	237	iP	12 10.86	-0.8
			iS	12 18.90	
KNK	0.68	198	iP	12 13.67	-0.3
			iS	12 23.59	
PLRM	0.70	129	iP	12 13.15	-1.1
			eS	12 23.59	
TOA	0.87	86	iP	12 17.38	0.5
CFI	0.89	172	iP	12 16.69	-0.2
PWA	0.97	246	eP	12 17.32	-0.8
TTV	1.09	156	eP	12 20.76	0.8
			eS	12 36.10	
PMS	1.09	223	iP	12 19.59	-0.4
			iS	12 34.81	
KLU	1.15	119	iP	12 20.55	-0.2
			eS	12 37.63	
VZW	1.22	144	eP	12 21.24	-0.6
VLZ	1.23	138	iP	12 21.03	-0.8
GLI	1.26	159	eP	12 22.50	0.1
PTE	1.29	202	iP	12 22.51	-0.2
SUA	1.42	246	eP	12 24.16	-0.7
FID	1.51	150	eP	12 26.03	0.1
KMP	1.52	110	iP	12 26.18	-0.1
SKT	1.65	269	iP	12 27.24	-0.8
MPA	1.70	203	eP	12 28.00	-0.6
HIN	1.82	155	eP	12 30.65	0.2
SLKM	1.88	215	eP	12 30.75	-0.5
NKA	2.03	231	eP	12 34.86	1.5
SGAM	2.07	138	eP	12 34.20	0.2
SEW	2.08	200	eP	12 34.39	0.4
SPU	2.11	247	eP	12 34.28	-0.4
CRP	2.12	250	eP	12 35.02	0.2
			eS	13 01.65	
RDT	2.58	237	eP	12 40.41	-0.8
BRLK	2.69	213	eP	12 42.05	-0.7
FBA	2.86	2	eP	12 43.62	-1.5
BALM	2.91	108	eP	12 45.65	-0.2
ILM	2.99	233	iP	12 46.39	-0.6
SVW	3.75	259	eP	12 55.62	-2.2
AUL	3.77	227	eP	12 57.91	-0.2
TTA	3.81	287	eP	12 56.44	-2.2

36 obs. associated

& MAY 26, 1985 17h 14m 55.21s
62.099 N 148.027 W
DEPTH = 35.4km
CENTRAL ALASKA (1)
<AGS-P>. ML 3.4 (PMR).

SML	0.33	206	iP	15 03.32	-0.2
SCM	0.42	129	iP	15 04.89	0.0
MSE	0.52	240	iP	15 05.23	-0.9
			iS	15 13.53	
GHO	0.54	233	iP	15 05.55	-0.9
			iS	15 13.30	
PME	0.67	226	eP	15 08.00	-0.2
KNK	0.72	197	iP	15 08.32	-0.6
PLRM	0.73	226	iP	15 07.80	-1.2
			iS	15 18.04	
TOA	0.87	89	eP	15 09.00	-2.2
CFI	0.93	172	iP	15 11.60	-0.2
PWA	0.99	244	iP	15 11.97	-0.7
PMS	1.13	221	iP	15 14.18	-0.6
			iS	15 30.00	
KLU	1.17	120	iP	15 15.29	-0.2
VZW	1.26	145	iP	15 16.45	-0.3
VLZ	1.26	139	iP	15 15.86	-0.9
			iS	15 33.77	
GLI	1.30	160	iP	15 17.96	0.6
PTE	1.33	202	iP	15 17.16	-0.5
SUA	1.44	245	iP	15 18.51	-0.9
KMP	1.54	111	iP	15 21.61	0.8
SKT	1.66	267	iP	15 22.36	0.0
MPA	1.74	202	iP	15 22.82	-0.7
HIN	1.86	156	eP	15 25.30	0.0
SLKM	1.92	215	iP	15 25.57	-0.6
NKA	2.06	230	eP	15 29.58	1.5
SGAM	2.10	138	iP	15 30.05	1.3
SEW	2.12	200	iP	15 29.12	0.2
SPU	2.13	246	iP	15 29.27	0.0
CRP	2.14	249	iP	15 29.70	0.3
RDT	2.61	236	iP	15 34.96	-1.0
BRLK	2.73	212	iP	15 36.81	-0.8
COL	2.81	2	eP	15 17.00	-21.8
			e	15 39.00	
FBA	2.81	2	eP	15 38.60	-0.2
RED	2.35	236	eP	15 38.50	-0.9
BALM	2.92	109	iP	15 41.80	1.4
ILM	3.02	232	iP	15 40.96	-0.7
HOM	3.02	217	ePd	15 41.30	-0.4
CNPM	3.02	213	ePd	15 41.10	-0.7
OPT	3.53	228	eP	15 48.40	-0.6
SVW	3.76	258	eP	15 50.30	-2.0
TTA	3.79	286	eP	15 51.10	-1.7
AUL	3.80	227	ePc	16 02.30	9.4
CDD	4.22	224	ePd	15 57.40	-1.4
IMA	4.69	331	eP	16 04.20	-1.4
KDC	4.91	209	P	16 05.20	-3.3
SIT	8.18	122	P	16 51.40	-3.0
INK	8.69	38	eP	17 00.00	-1.4
YKA	15.45	74	eP	18 37.70	5.8

EDM	20.33	100	iPd	19 40.00	9.3

47 obs. associated

MAY 26, 1985 18h 05m 08.67± 0.42s
37.847 N ± 3.3km 4.592 W ± 4.0km
DEPTH = 13.1 ± 2.9 km
4.4mb (7 obs.) 4.5Msz (1 obs.)
SPAIN (377)
Felt (VI) at Cabro and Priego.
Felt in Albacete, Almerio,
Cordaba, Granada and Maloga
Provinces.

AFC	1.02	125	iP	05 29.30	1.5
			S	05 44.00	
CRT	1.03	129	iPgd	05 28.70	0.9
MAL	1.13	173	iP	05 29.00	-0.5
SFS	1.89	223	iPn	05 40.50	-0.4
			iPg	05 43.00	
			iSn	06 04.50	
			iSg	06 07.50	
ALM	1.97	120	iP	05 43.20	1.2
TOL	2.08	12	iPnc	05 45.50	1.9
			iPg	05 52.00	
			i	06 08.50	
			i	06 12.00	
			iSn	06 16.50	
			iSg	06 24.00	
GUD	2.81	7	iP	05 56.20	2.0
ALI	3.28	80	eP	06 01.50	0.8
LIS	3.69	285	iPc	06 06.90	0.3
			iS	07 09.30	
PTO	4.52	318	iPnc	06 19.00	0.7
			iPg	06 36.70	
			iSn	07 09.20	
			iSg	07 32.20	
LGR	4.88	19	iPd	06 26.20	2.8X
EBR	4.94	51	iPn	06 25.00	0.8
			(Sn)	07 31.00	
AVE	5.09	208	iPn	06 24.00	-2.4
			i	06 27.00	
			iSn	07 17.50	
			i	07 25.00	
STS	5.87	330	iPc	06 37.20	-0.2
			S	08 20.03	
LHE	5.90	30	P	06 39.10	1.3
ISSF	5.93	28	P	06 38.85	0.5
OGE	6.17	29	P	06 43.00	1.4
EPF	6.40	34	Pn	06 45.80	0.9
MLS	6.69	39	eP	06 49.20	0.2
LPO	8.10	31	Pn	07 08.80	0.2
LFF	8.13	28	Pn	07 09.00	-0.1
CAF	8.66	33	Pn	07 15.20	-1.3
			Sn	08 48.00	
RJF	8.74	30	Pn	07 16.60	-1.0
			Sn	08 39.20	
MFF	9.35	19	Pn	07 25.00	-0.9
			Sn	09 03.20	
LSF	9.55	26	Pn	07 27.40	-1.3
			Sn	09 08.20	
PYM	9.72	33	ePd	07 30.60	-0.6
TCF	9.83	29	Pn	07 31.00	-1.6
MZF	9.92	30	Pn	07 32.20	-1.6
LRG	10.03	53	Pn	07 35.40	0.1
LMR	10.06	54	Pn	07 35.60	-0.2
			Sn	09 23.20	
SSB	10.09	40	iP	07 34.60	-1.7
PLDF	10.16	34	eP	07 36.40	-0.8
FRF	10.26	53	Pn	07 38.80	0.2
			Sn	09 27.60	
BGF	10.30	30	Pn	07 37.60	-1.5
LPF	10.51	13	Pn	07 41.20	-0.6
			Sn	09 30.60	
AVF	10.69	31	Pn	07 42.80	-1.6
SMF	10.78	33	Pn	07 44.40	-1.2
GRR	10.88	13	Pn	07 46.00	-1.0
			Sn	09 40.00	
SSF	10.97	30	Pn	07 47.40	-0.9
GRC	11.00	28	ePnd	07 47.10	-1.5
			i	07 47.60	
			i	10 05.00	
LBF	11.11	32	Pn	07 49.20	-0.9
LDF	11.22	15	Pn	07 50.80	-0.8
LOR	11.28	31	Pn	07 51.50	-1.0
			Sn	09 51.00	
FLN	11.31	14	Pn	07 52.00	-0.8
			Sn	09 51.00	

CVF	11.32	61	Pn	07	52.40	-0.7
EMS	11.87	43	eP	08	02.10	1.5
DIX	12.13	44	eP	08	09.50	5.2X
MMK	12.42	45	eP	08	13.00	4.9X
HAU	12.92	35	Pn	08	13.40	-1.2
SAL	13.68	51	eP	08	30.50	5.9X
DOU	13.90	25	Pc	08	26.80	-0.6
			e	08	37.40	
			e	11	38.00	
OSS	14.02	46	eP	08	36.50	7.3X
WLF	14.12	30	Pc	08	30.60	0.4
GWF	14.21	35	eP	08	31.20	-0.3
UCC	14.43	23	Pc	08	34.20	-0.1
			e	11	26.00	
CTI	14.58	51	eP	08	36.50	0.0
MEM	14.83	27	Pc	08	39.00	-0.5
ENN	14.93	27	eP	08	40.50	-0.3
	1.2s	18.00nm			4.4mb X	
			e	08	46.50	
			e	08	49.50	
DUI	15.14	69	e(P)	08	52.00	8.3X
TNS	15.49	33	eP	08	54.00	5.7X
			eS	13	40.00	
SGO	15.66	74	e(P)	08	55.50	5.0X
VOY	15.98	53	eP	08	58.20	3.5X
			i	09	11.20	
KBA	16.10	49	IPc	09	01.50	5.2X
	3.0s	256.00nm			4.8mb X	
			i	09	07.00	
			i	09	25.10	
			i	09	34.90	
			e	14	20.00	
			i	14	40.00	
WTS	16.26	26	eP	08	59.00	1.0
	1.0s	13.00nm			4.0mb X	
LJU	16.39	54	eP	09	06.70	6.9X
			e(S)	14	31.60	
WIT	16.90	24	eP	09	06.00	-0.1
			e	09	19.00	
MOX	17.23	37	eP	09	12.00	1.6
Z	14s	1.60um				
N	14s	2.90um				
E	16s	2.80um				
			e	09	19.00	
KHC	17.30	44	P	09	12.50	1.2
	1.0s	14.00nm			4.0mb X	
			i	09	16.50	
			e	14	31.90	
PRU	18.30	42	eP	09	27.00	3.3X
Z	10s	1.50um				
N	12s	1.00um				
E	13s	1.50um				
			e	15	05.00	
CLL	18.33	37	eP	09	27.00	3.0X
	2.0s	41.00nm			4.2mb	
VKA	18.43	49	e(P)	09	28.00	2.7X
ZST	18.87	50	e(P)	09	34.00	3.3X
SRO	19.46	52	e(P)	09	43.50	5.6X
			e(S)	16	24.00	
KSP	19.71	42	eP	09	41.00	0.4
			eS	15	27.00	
OHR	19.85	73	iP	09	42.90	0.8
SKO	20.36	70	iP	09	49.00	1.6
			iS	13	40.00	
MUD	20.77	22	iPd	09	53.30	1.8
	1.0s	18.00nm			4.4mb	
JOS	21.10	52	e(P)	09	57.30	2.3
VAY	21.19	72	iP	09	56.40	0.5
MLR	23.95	62	eP	10	27.00	3.6X
CVO	24.16	61	eP	10	29.00	3.8X
VRI	24.54	61	eP	10	35.00	6.0X
HFS	25.16	22	eP	10	34.10	-0.6
	0.8s	4.00nm			4.1mb	
Z	15s	0.87um			4.4MszX	
		LR		18	51.00	
SUF	31.16	27	eP	11	34.00	5.1X
KJF	32.63	26	eP	11	48.00	6.2X
SOD	34.38	21	iP	12	01.30	4.4X
BNG	39.40	142	ePd	12	40.80	0.9
	0.9s	8.00nm			4.4mb	
			id	12	54.90	
			id	13	32.20	
SCH	44.60	313	eP	13	23.00	1.0
FRB	45.43	326	eP	13	30.00	1.6
ALE	48.61	351	eP	13	54.00	0.7
	0.8s	3.00nm			4.4mb	
MHI	50.24	71	eP	14	07.00	0.5
ITR	56.11	222	eP	14	50.20	0.1
	0.7s	2.30nm			4.3mb	
KRI	63.18	143	eP	15	37.00	-1.8
FFC	63.98	320	eP	15	44.50	0.9
MTD	64.10	141	eP	15	44.00	-0.8
YKC	65.42	331	eP	15	55.00	2.2
YKA	65.46	331	eP	15	54.20	1.2
BUL	65.59	146	eP	15	53.50	-1.0
NDI	66.99	71	eP	16	04.00	0.6
TUL	69.92	300	e(P)	16	21.70	0.2
	0.8s	8.30nm			4.9mb	
Z	20s	0.26um			4.5Msz	
BHO	70.11	298	e(P)	16	22.80	0.2
SLR	70.38	149	eP	16	23.00	-1.3
DMN	73.42	68	eP	16	43.40	0.6
	0.8s	19.00nm			5.2mb X	
KKN	73.45	68	eP	16	43.40	0.5
	0.6s	11.00nm			5.1mb X	
PKI	73.66	68	eP	16	44.80	0.5
	0.9s	18.00nm			5.1mb X	
S.D. = 1.1 on 83 of 105 obs.						

? MAY 26, 1985 19h 04m 47.67± 5.90s
39.510 N ±45.5km 22.877 E ±13.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT	0.66	333	ePg	05	01.10	0.3
			eSg	05	15.60	
PAIG	0.75	56	ePg	05	02.50	0.2
			eSg	05	17.40	
THE	1.12	3	ePb	05	08.70	0.0
OUR	1.18	46	ePbc	05	09.50	-0.2
			eSb	05	30.30	
SOH	1.36	15	ePb	05	13.30	0.6X
			eSb	05	35.00	
GRG	1.49	346	ePb	05	14.00	-0.5
			eSb	05	39.40	
KNT	1.65	1	ePnc	05	17.10	0.3
			eSn	05	41.90	
SRS	1.70	19	ePn	05	17.40	-0.1
OHR	2.25	316	ePn	05	28.10	2.5X
S.D. = 0.4 on 7 of 9 obs.						

MAY 26, 1985 19h 07m 41.06± 0.83s
37.884 N ± 6.0km 4.939 W ± 7.0km
DEPTH = 24.0 ± 9.3 km
SPAIN (377)
Felt at Cordoba.

MAL	1.23	160	iPc	08	02.50	-0.3
CRT	1.27	123	iPgd	08	02.10	-1.3
AFC	1.27	119	iP	08	03.50	-0.1
			S	08	18.00	
SFS	1.74	216	iPn	08	21.00	10.8X
			iPg	08	23.00	
			iSn	08	41.00	
			iSg	08	47.00	
TOL	2.11	19	ePn	08	25.00	9.4X
			iSn	08	54.00	
ALM	2.23	117	iP	08	17.30	0.2
GUD	2.82	12	iP	08	30.60	4.9X
LIS	3.41	285	eP	08	33.00	-1.0
			iS	09	42.20	
ALI	3.54	81	eP	08	35.80	0.0
PTO	4.31	320	iPnc	08	52.20	5.5X
			iPg	09	09.30	
			iSn	09	42.50	
			iSg	10	04.00	
LGR	4.93	21	eP	08	59.50	3.9X
AVE	5.00	205	iPn	08	58.00	1.5
			iSn	09	51.00	
			i	09	54.50	
EBR	5.13	53	iPn	08	58.50	0.2
			ePg	09	19.50	
			eSg	10	22.00	
EPF	6.53	36	Pn	09	19.60	1.5
			Sn	10	29.00	
MLS	6.84	40	eP	09	23.90	1.5
LPO	8.21	32	Pn	09	42.40	0.9
LFF	8.23	29	Pn	09	42.50	0.6
CAF	8.78	35	Pn	09	48.80	-0.7
RJF	8.85	31	Pn	09	49.90	-0.5
TCF	9.93	30	Pn	10	04.20	-1.2
BGF	10.41	31	Pn	10	10.80	-1.1
AVF	10.80	32	Pn	10	17.00	-0.2
SMF	10.90	34	Pn	10	18.20	-0.4

DOU	13.99	26	Pc	11	00.30	0.5
S.D. = 1.0 on 19 of 24 obs.						

? MAY 26, 1985 19h 10m 45.10± 6.20s
33.725 S ±14.2km 71.899 W ±50.4km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.47	120	iPc	10	55.00	-0.2
			iS	11	02.50	
TACH	0.81	85	iPc	10	59.50	-0.5
			iS	11	10.50	
ROCH	1.06	45	iPd	11	03.50	-0.4
			iS	11	17.50	
CHCH	1.06	102	iP	11	04.00	0.3
SAN	1.07	76	iPc	11	03.90	0.1
			iS	11	18.20	
PCH	1.16	85	iP	11	05.50	0.3
PEL	1.17	61	iPd	11	03.80	-1.5
			iS	11	20.50	
BACH	1.23	73	iPc	11	06.30	0.1
FCH	1.40	74	iPd	11	09.50	0.6
			iS	11	28.50	
JACH	1.51	47	iPc	11	11.20	1.0
			iS	11	30.50	
MDZ	2.69	73	eP	11	33.10	6.1X
			iS	12	18.60	
TCA	6.61	71	e(P)	12	22.70	0.1
S.D. = 0.7 on 11 of 12 obs.						

& MAY 26, 1985 19h 29m 08.76s
61.379 N 152.334 W
DEPTH = 118.5km
SOUTHERN ALASKA (2)
<AGS-P>.

CRP	0.14	142	eP	29	24.89	1.1
SPU	0.24	146	iP	29	25.05	1.1
			iS	29	37.61	
SKT	0.72	32	iP	29	27.57	-0.8
SUA	0.77	83	eP	29	28.63	-0.3
			iS	29	44.87	
RDT	0.81	183	iP	29	28.73	-0.5
			eS	29	45.98	
NKA	0.83	140	eP	29	30.46	1.2
PWA	1.21	76	eP	29	33.12	0.0
ILM	1.22	191	iP	29	32.79	-0.6
PMS	1.34	95	eP	29	33.79	-0.9
SLKM	1.35	129	eP	29	33.84	-0.9
			iS	29	53.51	
PLRM	1.55	81	eP	29	35.25	-1.8
SVW	1.61	262	eP	29	36.54	-1.3
MSE	1.67	73	eP	29	37.11	-1.6
GHO	1.68	75	eP	29	36.99	-1.7
PTE	1.69	106	iP	29	37.04	-1.6
MPA	1.70	120	iP	29	37.95	-0.9
BRLK	1.77	156	eP	29	38.54	-1.2
KNK	1.87	87	eP	29	39.41	-1.5
SEW	1.91	131	eP	29	40.21	-1.2
SML	1.96	76	eP	29	40.10	-2.1
AUL	2.08	196	eP	29	43.28	-0.3
CFI	2.21	93	iP	29	43.41	-1.9
SCM	2.44	77	eP	29	46.40	-1.9
TTV	2.54	95	eP	29	47.59	-2.1
GLI	2.59	99	eP	29	47.48	-2.8
VZW	2.81	94	eP	29	50.84	-2.4
VLZ	2.91	92	eP	29	51.93	-2.5
			eS	30	26.53	
FID	2.92	100	eP	29	51.22	-3.3
TOA	3.02	73	eP	29	54.58	-1.4
KLU	3.08	85	eP	29	54.45	-2.4
KMP	3.51	85	eP	29	59.87	-2.7
BALM	4.84	90	eP	30	19.13	-1.6
32 obs. associated						

MAY 26, 1985 19h 57m 01.53± 0.72s
6.397 S ± 5.6km 147.439 E ± 5.9km
DEPTH = 48.8 ± 5.8 km
5.0mb (10 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.51	240	iPd	57	12.80	0.0
MDG	2.01	305	eP	57	34.50	0.9
LMG	2.59	164	eP	57	42.00	0.0
PMG	3.01	185	iPc	57	50.80	3.0X
ALOA	4.84	143	eP	58	13.00	-0.8
KVG	5.06	42	eP	57	17.00	-59.9X

26d 20h

CTA	13.66	185	iPd	00 18.30	3.7X
	0.7s	6.51nm		4.5mb	
			eS	02 54.00	
MTN	17.30	247	eP	01 02.00	0.7
WRA	18.53	222	Pd	01 15.80	-0.6
	0.5s	7.10nm		4.1mb	
AAI	19.36	277	ePd	01 25.50	-0.7
RMO	20.02	177	eP	01 33.00	-0.2
KNA	20.53	242	eP	01 38.00	-0.5
ASPA	21.55	216	eP	01 49.00	0.2
KURT	23.87	259	iPc	02 25.00	13.3X
STK	25.94	191	eP	02 31.00	-0.1
YOU	27.76	178	eP	02 48.40	0.6
WBN	27.96	243	eP	02 50.00	0.3
CAN	28.82	177	eP	03 01.80	4.4X
MBL	30.48	238	iPc	03 12.30	0.0
	0.5s	11.00nm		4.8mb	
MEK	34.07	231	iPd	03 43.80	0.2
	0.5s	26.00nm		5.4mb	
KLG	34.39	222	eP	03 46.00	-0.2
NAU	34.72	239	eP	03 49.50	0.3
MRWA	37.35	229	eP	04 12.00	0.7
	0.5s	14.00nm		5.1mb	
KLB	37.39	224	iPd	04 11.50	-0.1
	0.5s	22.00nm		5.3mb	
BAL	37.57	226	eP	04 13.00	-0.1
NWAO	38.53	223	eP	04 21.00	-0.2
	0.5s	11.00nm		5.0mb	
MUN	38.69	225	eP	04 23.00	0.5
RKG	39.37	222	eP	04 31.70	3.5X
TCW	42.12	149	eP	04 58.00	7.4X
MNG	42.31	148	P	04 54.00	1.8
WEL	42.43	149	P	04 52.00	-1.1
MAT	43.58	349	eP	05 02.00	-0.6
	1.5s	55.56nm		5.1mb	
			eS	11 36.00	
KGM	44.83	279	ePd	05 13.50	0.4
PPI	47.30	275	ePd	05 31.30	-1.3
	0.7s	42.90nm		5.5mb	
IPM	47.60	282	ePd	05 34.50	-0.5
PSI	49.27	279	ePd	05 47.20	-0.7
BJI	54.46	331	eP	06 27.00	0.7
SPA	83.65	180	eP	09 26.90	0.8
	0.6s	5.28nm		4.8mb	
	S.D. = 0.7	on	31 of	38 obs.	

• MAY 26, 1985 20h 31m 08.94± 3.10s
15.213 N ± 8.6km 60.588 W ±32.7km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

CRM	0.56	215	iPc	31 20.77	0.4
			S	31 29.90	
MVM	0.72	204	iPd	31 22.61	0.0
			S	31 33.50	
FDF	0.72	229	iPc	31 22.57	-0.2
			S	31 33.40	
MDN	0.79	278	eP	31 23.70	0.1
BIM	0.83	214	iPd	31 24.02	-0.3
			S	31 35.90	
MGG	0.99	315	eP	31 26.60	0.1
			S	31 39.50	
PAG	1.33	308	eP	31 31.30	-0.1
			S	31 48.00	
	S.D. = 0.3	on	7 of	7 obs.	

? MAY 26, 1985 21h 38m 25.52± 2.56s
10.335 S ± 9.9km 41.088 E ±31.9km
DEPTH = 10.0km (geophysicist)
NORTHWEST OF MADAGASCAR (574)

NPA	5.05	201	ePn	39 43.00	-0.2
			eP•	39 50.00	
			eS•	40 38.00	
			eSg	40 49.00	
TET	9.32	231	eP	40 44.00	1.1
			eS	42 24.00	
NAI	9.96	334	iPd	40 52.00	0.0
	1.0s	50.00nm		5.9mb X	
MTD	11.24	234	iP	41 09.00	-0.4
			i	43 10.00	
KRI	12.88	239	iP	41 31.00	-0.7
			i	43 50.00	
BUL	15.48	230	iP	42 05.90	0.1
			e	46 20.80	
	S.D. = 0.8	on	6 of	6 obs.	

MAY 26, 1985 22h 19m 24.31± 1.32s
5.630 N ± 6.1km 126.585 E ±11.0km
DEPTH = 103.5 ± 12.4 km
4.9mb (11 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

CGP	3.38	326	iPd	20 17.50	1.5
			iS	21 04.00	
AAI	9.39	170	eP	21 36.10	-2.4
MTN	18.90	166	eP	23 38.00	-1.7
KNA	21.35	174	eP	24 06.00	1.2
IPM	25.48	269	ePd	24 47.00	2.3
WRA	26.53	163	Pc	24 56.60	2.3
	0.8s	20.70nm		4.7mb	
PPI	26.84	258	ePc	24 57.00	-0.1
CHG	29.96	298	iPd	25 24.40	-0.7
	0.6s	7.00nm		4.6mb	
CHTO	29.96	298	iP	25 24.30	-0.8
	0.8s	6.41nm		4.4mb	
KMI	29.97	313	eP	25 25.50	0.1
WBN	31.58	180	iPc	25 40.50	1.3
	0.6s	9.00nm		4.7mb	
TIA	31.65	345	Pd	25 39.80	0.0
XAN	32.67	332	Pd	25 47.60	-1.1
MEK	32.98	193	eP	25 51.00	-0.5
CD2	33.05	322	P	25 51.60	-0.4
BJI	35.52	346	eP	26 14.00	1.0
SNY	36.14	356	eP	26 18.90	0.7
CN2	38.03	359	eP	26 33.40	-0.6
SHL	38.66	305	iP	26 40.00	0.2
MUN	38.68	194	eP	26 40.00	0.3
NWAO	39.36	192	eP	26 41.00	-4.2X
PKI	44.78	304	eP	27 29.20	-0.7
	0.4s	8.00nm		4.9mb	
KKN	44.96	304	eP	27 30.20	-1.1
	0.5s	14.00nm		5.0mb	
DMN	45.04	304	eP	27 31.50	-0.4
	0.5s	12.00nm		5.0mb	
NDI	51.98	302	iPc	28 21.70	-3.5X
	0.4s	38.14nm		5.8mb	
MHI	68.26	307	eP	30 16.00	-0.4
COL	83.08	25	eP	31 39.00	-0.4
KEV	88.07	340	eP	32 03.00	-0.9
INK	88.47	22	eP	32 06.00	0.1
SOD	88.67	338	iP	32 07.30	0.5
KJF	88.83	334	eP	32 08.00	0.4
SUF	89.80	333	iP	32 12.20	0.0
	0.4s	4.20nm		4.9mb	
NUR	90.98	331	eP	32 18.00	0.3
HFS	96.28	332	ePKP	32 41.40	-0.7
	0.5s	3.00nm		5.1mb	
NB2	97.03	334	P	32 44.90	-0.6
	0.6s	1.80nm		4.8mb	
JCT	122.92	48	ePKP	38 11.80	1.3
	S.D. = 1.1	on	34 of	36 obs.	

• MAY 26, 1985 22h 56m 39.47± 0.76s
38.982 N ±12.2km 89.138 E ±11.9km
DEPTH = 33.0km (normal)
4.1mb (3 obs.)
SOUTHERN XINJIANG, CHINA (321)

WMQ	4.95	348	Pn	57 52.20	-1.4
			i	57 59.00	
GTA	8.30	84	Pn	58 33.10	-7.5X
			Pg	59 02.70	
			Sg	00 40.10	
KSH	10.22	277	eP	59 12.00	4.9X
LZH	12.03	99	eP	59 30.20	-1.5
BTO	16.13	78	eP	00 29.50	4.1X
XAN	16.65	101	eP	00 27.60	-4.2X
HHC	17.30	77	eP	00 43.50	3.4X
KMI	17.97	136	eP	00 48.50	-0.1
TIY	18.31	87	P	00 53.60	1.0
QUE	20.23	251	eP	01 21.00	6.3X
BJI	20.86	78	eP	01 22.00	1.1
CHG	21.82	154	eP	01 31.50	0.7
CHTO	21.82	154	eP	01 30.20	-0.6
	0.8s	2.01nm		3.6mb	
WHN	22.31	104	eP	01 33.00	-2.5
TIA	22.31	88	eP	01 37.70	2.1
MHI	23.58	273	eP	01 55.00	6.9X
SNY	26.28	73	eP	02 17.20	3.7X
CN2	27.52	68	eP	02 31.00	6.2X
KJF	43.41	326	eP	04 40.00	-0.2
SUF	44.02	324	iP	04 46.10	0.9
NUR	44.72	321	eP	04 33.00	-17.9X
UPP	48.27	320	iP	05 40.10	21.2X
HFS	50.17	321	eP	05 34.00	0.5
	0.5s	2.20nm		4.4mb	
NB2	51.20	322	P	05 41.20	-0.1
	0.5s	1.20nm		4.1mb	
YKA	77.08	11	eP	08 35.30	4.7X
	S.D. = 1.4	on	13 of	25 obs.	

• MAY 27, 1985 01h 01m 48.61± 0.69s
9.903 S ±14.1km 75.065 W ±20.7km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
PERU (116)

ARE	7.39	152	e(P)	03 45.00	7.7X
LPB	9.45	135	eP	04 06.00	0.0
			S	07 02.00	
CNCB	9.73	136	P	04 13.00	3.1X
PSO	11.25	348	eP	04 31.50	0.9
TPZ	13.02	153	eP	05 16.00	21.7X
			e	05 21.50	
BOG	14.46	4	eP	05 12.00	-1.3
			eS	09 20.00	
TOV	20.25	15	eP	06 28.50	4.3X
ATB	23.61	75	e(P)	07 07.00	9.4X
BHO	47.88	338	e(P)	10 26.30	0.8
RLO	49.53	339	iP	10 39.90	1.6
TUL	49.58	338	eP	10 39.20	0.5
	1.4s	24.70nm		5.0mb	
ALQ	53.59	328	eP	11 08.30	-0.8
	1.5s	18.75nm		4.9mb	
YMT3	60.53	322	eP	11 58.20	0.0
BDW	61.17	332	eP	12 01.10	-1.5
	1.5s	8.57nm		4.7mb	
EUR	62.09	325	iP	12 08.00	-0.9
	1.2s	4.04nm		4.4mb	
ORV	65.38	322	eP	12 30.00	-0.2
EDM	70.82	337	ePc	13 02.80	-1.1
YKC	78.33	342	eP	13 47.00	0.2
YKA	78.38	342	eP	13 48.20	1.1
INK	88.09	342	eP	14 36.00	-0.7
MBC	89.83	350	eP	14 46.00	1.2
COL	91.70	336	eP	14 54.00	8.4
WB2	138.55	224	ePKP	21 11.20	-2.5X
WRA	138.55	224	PKPd	21 11.80	-1.9X
	0.7s	2.70nm			
GBA	152.84	80	PKPc	21 50.70	13.4X
	0.3s	6.10nm			
	S.D. = 1.0	on	17 of	25 obs.	

? MAY 27, 1985 02h 32m 35.93± 2.22s
50.260 N ±17.9km 129.433 W ±26.3km
DEPTH = 10.0km (geophysicist)
4.0mb (3 obs.)
VANCOUVER ISLAND REGION (25)

MCW	4.59	108	eP	33 47.50	0.6
BFW	5.60	130	eP	34 03.30	1.9
NEW	8.30	99	eP	34 37.50	-1.7
EUR	14.37	133	eP	36 07.20	5.7X
YKA	14.70	28	eP	36 17.70	12.2X
YKC	14.73	28	eP	36 14.00	8.1X
BDW	15.56	111	eP	36 21.00	4.0X
	1.1s	9.18nm		4.0mb	
FFC	17.25	64	eP	36 39.00	0.8
INK	18.20	355	eP	36 50.00	0.2
ALQ	22.68	124	eP	37 37.00	-1.8
	1.0s	4.50nm		3.9mb	
JCT	29.70	121	eP	38 44.10	0.0
	1.0s	5.00nm		4.3mb	
	S.D. = 1.6	on	7 of	11 obs.	

• MAY 27, 1985 02h 58m 10.50± 1.18s
4.098 S ±12.8km 128.929 E ±17.4km
DEPTH = 126.7 ± 9.9 km
4.7mb (6 obs.)
BANDA SEA (280)

AAI	0.84	299	iPc	58 32.50	0.6
			eS	58 47.00	
MTN	8.96	166	eP	00 17.00	-1.3
KNA	11.58	181	eP	00 53.00	0.0
WRA	16.61	162	Pd	01 55.70	-1.6
	0.4s	35.40nm		5.0mb	
WB2	16.61	162	eP	01 54.00	-3.3X
			i	01 56.90	
ASPA	20.04	167	iPc	02 35.40	-0.4

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WBN     22.03 186 iPc    02 56.80    1.1
         0.4s     11.00nm          4.6mb
NAU     22.48 214 iPd    03 01.20    1.2
CTA     23.19 135 iPc    03 08.20    1.3
         0.8s     11.94nm          4.3mb
IPM     29.18 287 ePc    04 02.70    0.5
         0.6s     35.80nm          5.2mb X
YOU     35.05 151 iPc    04 53.10    0.0
CAN     36.19 152 iPc    05 03.00    0.3
WAM     36.85 153 eP     05 08.90    0.8
CHG     37.29 309 iPd    05 13.00    1.0
         0.9s     12.60nm          4.7mb
CHTO    37.29 309 iP     05 13.00    1.0
         0.9s     11.72nm          4.7mb
PKI     52.45 310 eP     07 11.60   -1.3
KKN     52.66 310 eP     07 13.00   -1.3
         0.6s     10.00nm          4.9mb X
GBA     54.04 290 Pd     07 22.50   -1.8
         0.8s      7.30nm          4.7mb
TCW     54.87 139 P      07 18.20  -11.7X
      S.D. = 1.2  on  17 of  19 obs.

    MAY  27, 1985  04h 34m 50.81± 0.34s
    10.670 S ± 6.6km   41.231 E ± 7.7km
    DEPTH =  10.0km  (geophysicist)
    4.8mb ( 16 obs.)
  NORTHWEST OF MADAGASCAR            (574)

TET      9.22 233 iP     37 07.00    0.1
                 eS     38 43.00
NAI     10.32 334 iPd    37 17.00   -5.2X
         1.0s     50.00nm          5.9mb X
MTD     11.17 236 iPn    37 31.00   -2.7
                 i      37 39.00
                 iSn    39 31.00
KRI     12.83 240 iPn    37 53.00   -3.3X
                 iSn    40 08.00
                 iLg    41 39.00
BUL     15.37 231 iPnd   38 28.00   -1.7
                 iSn    41 14.70
                 i      42 49.70
JOZ     18.78 206 eP     39 17.30    4.9X
BFS     21.12 218 iPc    39 37.10   -1.2
         1.0s     66.00nm          5.0mb
SEK     21.71 214 eP     39 45.00    0.7
         0.8s     21.64nm          4.6mb
VIR     21.95 216 iPc    39 48.50    1.8
         0.7s     43.84nm          5.0mb
BLF     23.12 215 eP     39 58.80    0.6
         0.8s     25.00nm          4.8mb
BNG     27.12 302 iPd    40 36.00   -0.1
         0.7s      9.00nm          4.6mb
                 ic     40 54.10
GBA     43.27  57 Pd     42 54.30   -0.2
         0.9s     29.80nm          5.0mb
DMN     57.05  47 eP     44 39.00   -1.0
PKI     57.24  47 eP     44 40.00   -1.4
KKN     57.28  47 eP     44 40.20   -1.3
CTI     62.40 337 e(P)   45 15.50   -0.8
CHG     64.00  63 eP     45 27.00   -0.2
CHTO    64.00  63 eP     45 26.10   -1.1
         1.1s     11.19nm          5.0mb
KHC     64.33 340 P      45 28.50   -0.4
BSF     65.78 335 eP     45 38.90    0.6
CDF     66.04 336 eP     45 40.20    0.2
HAU     66.10 335 eP     45 40.40    0.2
SMF     66.13 333 eP     45 41.70    1.3
AVF     66.46 333 eP     45 42.70    0.2
BGF     66.51 332 eP     45 44.10    1.2
         1.0s      7.60nm          4.8mb
LOR     66.59 333 eP     45 43.10   -0.3
SSF     66.59 333 eP     45 43.00   -0.4
TCF     66.61 332 eP     45 43.90    0.4
         1.0s      3.70nm          4.5mb
LSF     66.90 331 eP     45 46.80    1.4
NUR     72.16 351 iP     46 17.00   -0.4
         0.7s     12.00nm          5.1mb
UPP     72.80 348 iP     46 20.70   -0.4
SUF     74.09 353 iP     46 28.40   -0.2
         0.6s      9.10nm          5.0mb
NB2     75.31 345 P      46 35.40   -0.4
         0 9s      4.40nm          4.5mb
KJF     75.35 354 iP     46 35.90    0.1
         0.7s     13.30nm          5.1mb
EKA     75.50 336 P      46 39.00    2.1X
         0.9s      3.90nm          4.5mb
SOD     78.55 354 iP     46 54.20    0.6

                 i      47 02 00
SPA     79.40 180 e(P)   47 01.00    2.4
SO81    80.67 262 eP     47 08.80    2.6X
         0.9s      3.60nm          4.4mb
                 e      47 16.40
WRA     89.30 110 Pd     47 49.80    0.6
         0.6s      2.80nm          4.7mb
WB2     89.31 110 eP     47 49.20   -0.1
YKA    125.40 347 ePKP   53 54.20    0.9
BMN    144.76 331 iPKP   54 30.80    0.7
         1.0s     11.25nm
EUR    144.86 329 iPKP   54 30.80    0.4
         0.5s      9.97nm
PRN    145.88 325 iPKP   54 35.10    3.0X
YMT3   147.08 326 ePKP   54 37.00    3.0X
GLA    148.69 319 ePKP   54 42.00    5.4X
      S.D. = 1.0  on  38 of  46 obs.

%  MAY  27, 1985  04h 36m 00.55± 0.97s
    38.408 N ± 7.9km   28.173 E ±10.6km
    DEPTH =  10.0km  (geophysicist)
  TURKEY                             (366)

IZM      0.72 269 iPg     36 15.50    0.8
                 iSg     36 28.00
DST      1.25  16 iPn     36 21.90   -1.8
YER      1.27 176 iPn     36 23.70   -0.5
KCT      1.84   4 ePn     36 34.00    1.5
EDC      1.95 353 ePn     36 34.80    0.8
EZN      2.02 315 ePn     36 34.00   -1.0
KGT      2.15 342 ePn     36 36.00   -0.9
GPA      2.50  41 ePn     36 43.00    1.0
      S.D. = 1.4  on   8 of   8 obs.

    MAY  27, 1985  06h 22m 22.84± 0.74s
    15.392 N ± 3.5km   119.911 E ± 3.7km
    DEPTH =  64.8 ±  6.8 km
    5.1mb ( 41 obs.)
  LUZON, PHILIPPINE ISLANDS          (249)
       Felt (IV RF) at Posoy and Manila
       International Airport; (III RF)
       at Iba, Manila and Baguio; and
       (II RF) at Quezon City.
       CENTROID, MOMENT TENSOR       (HRV)
       Data Used: GDSN
       L.P.B.:  9S, 17C
       Centroid Location:
       Origin Time          06:22:21.1 0.8
       Lat 15.20N 0.09 Lon 120.31E 0.14
       Dep  83.3 9.3 Half-duration  1.6
       Moment Tensor; Scale 10**23 D-CM
         Mrr= 1.27 0.91  Mtt=-1.02 1.23
         Mff=-0.25 1.90  Mrt= 4.65 0.77
         Mrf= 4.30 0.67  Mtf= 6.01 1.18
       Principal Axes:
         T  Val=  9.98  Plg=36  Azm=314
         N       -3.27       54       123
         P       -6.70        6       220
       Best Double Couple:Mo=8.3*10**23
        NP1:Strike=351 Dip=61 Slip= 157
        NP2:        93     70        31

MAN      1.34 123 iPd     22 48.00    2.1
                 eS     23 17.40
QCP      1.35 124 iP      22 51.00    4.9X
PIP      2.99  13 iPc     23 07.50   -1.4
                 iS     23 23.00
PPR      5.70 192 iPc     23 31.00  -15.9X
                 iS     24 34.00
CGP      8.33 145 eP      24 27.00    3.6X
HKC      8.76 323 iP      24 23.90   -5.4X
                 iS     25 56.70
MCO      9.00 319 iP      24 27.70   -4.9X
TATO     9.65   9 eP      24 37.50   -3.9X
         0.8s    187.41nm          6.2mb X
ANP      9.86   9 e(P)    24 28.00  -16.4X
DAV      9.95 145 eP      24 50.00    4 4X
                 eS     27 04.00
KKM      9.97 202 ePd     24 45.00   -1.0
SSE     15.67   4 Pc     26 02.00    0.9
         1.2s     55.00nm          4 6mb
       Z 16s      2 40um          3.8MszX
       N 15s      1.30um
                 pP     26 17.00
                 S      29 00.00
                 sS     29 22.00
LOE     17.56 279 eP     26 25 00    0.2

KMI     18.78 304 Pc+    26 40.00    0.1
         5.0s      1.70nm          2.5mb X
       N 12s       1.20um
                 pP     26 47.00
                 sP     26 51.00
                 eS     29 56.00
                 SS     30 19.50
NNT     19.77 264 eP     26 51.30    0.8
BDT     20.15 278 eP     26 54.80    0.4
         1.0s    165.60nm          5.3mb
CHG     20.32 283 iPc    26 56.00   -0.3
         1.1s     40.51nm          4.7mb
                 eS     30 44.00
CHTO    20.32 283 iP     26 56.20   -0.1
         1.2s     72.92nm          4.9mb
MKS     20.48 181 iPc    26 58.00    0.1
KHT     20.59 271 eP     27 00.80    1.8
KGM     21.08 233 eP     27 05.00    1.0
IPM     21.45 242 ePc    27 09.80    2.0
         1.0s     74.10nm          5.0mb
                 e      27 22.70
SHK     22.26  29 eP     27 13.30   -2.3
TRT     24.05 198 iPc    27 35.30    2.1
GUMO    24.23  91 eP     27 35.30    0.4
PJG     24.23  91 eP     27 35.30    0.4
PSI     24.23 241 ePd    27 36.50    1.6
         1.0s     72.30nm          5.1mb
GUA     24.28  91 eP     27 35.30   -0.1
         0.8s    143.28nm          5.5mb
BJI     24.77 353 eP     27 39.00   -0.9
                 epP    28 03.00 113kmX
                 esP    28 17.00
                 eS     31 47.00
                 esS    32 26.00
LZH     25.11 328 Pc     27 43.00   -0.4
         1.0s    160.00nm          5.5mb
       E 13s      1.50um
                 pP     28 07.00 113kmX
                 PP     28 20.00
                 eS     32 00.50
MAT     26.63  34 iPd    27 55.80   -1.4
         0.8s     29.85nm          4.9mb
       Z 20s      0.71um          4.2Msz
                 eS     32 30.00
PKI     34.20 297 eP     29 03.20   -1.5
         0.5s     23.00nm          5.4mb
KKN     34.36 297 eP     29 04.60   -1.4
         0.7s     32.00nm          5.4mb
DMN     34.47 296 eP     29 05.50   -1.5
         0.7s     35.00nm          5.4mb
MBL     36.32 180 iPc    29 20.80   -1.5
PMG     36.55 131 eP     29 25.00    0.7
LMG     36.96 129 eP     29 27.00   -0.9
WRA     37.87 158 Pd     29 32.80   -2.6X
         0.9s     29.20nm          5.2mb
WB2     37.88 158 eP     29 33.20   -2.2
                 eS     35 12.00
HYB     39.67 279 ePc    29 50.50    0.0
         1.0s     30.00nm          5.1mb
BGA     40.98 119 eP     30 02.00    0.7
ASPA    41.16 160 eP     30 01.00   -1.6
         0.7s     24.00nm          5.1mb
PAA     41.32 119 eP     30 05.00    0.9
MEK     41.77 182 eP     30 07.00   -0.6
W8N     41.79 171 eP     30 08.00    0.3
         0.4s      9.00nm          4.9mb
CTA     43.75 143 iPc    30 23.40   -0.3
         1.6s     63.33nm          5.2mb
                 eS     36 54.00
POO     44.08 281 eP     30 26.50   -0.1
BAL     45.83 184 eP     30 40.00   -0.2
SVO     46.45 119 P       0 46.00    0.6
KLB     46.76 183 eP     30 46.00   -1.5
MUN     47.23 184 eP     30 50.00   -1.3
NWAO    48.11 183 eP     30 57.00   -1.1
QUE     50.58 297 eP     31 16.90   -0.5
                 eS     38 29.00
YOU     56.34 152 eP     31 58.50   -1.1
MHI     57.31 303 iPc    32 06.20   -0.5
         1.0s     60.00nm          5.6mb
                 eS     40 13.00
CAN     57.49 152 eP     32 06.30   -1.4
TOO     57.92 156 e(P)   32 09.00   -1.7
WAM     58.16 153 eP     32 12.80    0.5
SHI     63.08 296 eP     32 43.00   -3.3X
IR2     64.25 302 eP     32 53.30   -0.5
TTA     73.74  28 eP     33 51.80    0.2
```

27d 06h

0.8s 10.30nm 4.8mb
SVW 73.99 30 eP 33 53.80 0.7
IMA 74.61 25 eP 33 56.90 0.2
WEL 75.81 141 e(P) 33 55.00 -8.7X
KDC 75.86 34 e(P) 34 03.50 -0.2
KEV 76.69 339 iP 34 08.20 0.0
0.6s 11.70nm 5.0mb
e 34 17.00
eS 43 54.00
HRI 76.93 301 eP 34 11.00 0.6
PMR 77.06 29 eP 34 09.80 -0.5
0.8s 47.90nm 5 5mb
COL 77.17 26 eP 34 11.00 0.1
0.8s 11.57nm 4.9mb
FBA 77.17 26 eP 34 11.00 0.1
SOD 77.18 337 iP 34 10.20 -0.8
KJF 77.23 333 iP 34 10.00 -1.3
0.7s 18.70nm 5.2mb
i 34 22.00
e 40 08.00
ePS 43 56.00
JER 77.65 300 eP 34 14.50 0.2
PRNI 78.08 298 eP 34 17.80 1.1
SUF 78.17 332 iP 34 15.60 -0.9
0.6s 11.50nm 5.0mb
TOA 78.36 29 e(P) 34 18.00 0.4
NUR 79.31 330 iP 34 22.00 -0.7
0.8s 20.50nm 5.1mb
Z 17s 0.50um 4.9MszX
eS 44 16.00
LR 13 40.00
CFR 80.47 314 eP 34 29.00 -0.2
VRI 81.30 315 ePc 34 34.00 0.4
INK 81.81 21 eP 34 35.00 -0.8
MLR 81.92 315 ePd 34 38.00 1 0
MBC 82.06 12 eP 34 37.00 0 0
0.5s 6 00nm 4.8mb
UPP 82.87 330 iP 34 39.70 -1.7
KDZ 83.27 311 iP 34 49.00 5.1X
CLO 84.17 315 eP 34 49.00 0.6
MMB 84 46 311 eP 34 50.00 0.0
HFS 84 63 331 eP 34 49.10 -1.2
0.5s 10.00nm 5.1mb
Z 17s 0.70um 5.1MszX
LR 13 08.00
DAG 84.85 351 iPd 34 50.00 -1.2
0.5s 42.25nm 5.8mb
i 35 03.00
SIT 85.03 32 e(P) 34 54.20 1.8
VAY 85.37 311 iP 34 53.70 -0.7
NB2 85.42 332 P 34 53.20 -1.1
0.8s 13.70nm 5.1mb
KSP 86.56 322 eP 35 00.00 -0.1
ic 35 15.60
OHR 86.71 312 eP 35 01.30 0.1
PRU 87.91 321 P 35 11.60 4.9X
PRU 87.91 321 P 35 07.40 0.7
MUD 88 29 329 iP 35 08.60 0.3
0.8s 5.70nm 4.8mb
CLL 88 32 323 eP 35 09.00 0.4
e 35 26.00
KHC 88.81 321 P 35 11.60 0 5
MOX 89.39 323 eP 35 15.00 1.3
Z 20s 0.50um 4 9Msz
E 18s 0.30um
KBA 89.74 319 eP 35 33.00 17.4X
0.8s 8 10nm
i 35 34.80
VOY 89.78 318 eP 35 15.30 -0.5
i 35 29.90
GRC1 90.11 321 iPc 35 17.40 0.3
0.9s 16.00nm 5.3mb
Z 21s 0.50um 4.9Msz
DUI 91.03 314 eP 35 30.20 8.8X
CTI 91.22 319 eP 35 21.50 -0.9
OGA 91.28 320 eP 35 23.00 0.2
0.8s 24.00nm 5.6mb
YKA 91.51 22 eP 35 25.00 1.7
RSNT 91.52 22 P 35 24.00 0.7
WTS 91.53 325 eP 35 35.00 11.5X
0.9s 8.00nm
YKC 91.57 22 eP 35 29.00 5 5X
OSS 91.91 320 ePd 35 26.30 0.7
SAL 92.11 318 eP 35 29.00 2.7X
SAX 92.16 320 ePd 35 27.40 0.5
SLE 92.46 321 ePd 35 28.10 0.1
LLS 92.54 320 ePd 35 28.90 0.3

MEM 92.62 324 Pc 35 37.00 8.4X
GIB 92.70 310 e(P) 35 36.50 7.2X
CDF 92.90 322 eP 35 29.70 -0.4
0.8s 8.00nm 5.2mb
WLF 92.98 323 P 35 33.00 2.8
BSF 93.46 322 eP 35 32.00 -0.7
0.8s 4.90nm 5.0mb
MMK 93.54 320 ePd 35 33.80 0.5
DOU 93.66 324 P 35 33.50 0.1
CVF 94.48 316 eP 35 36.90 -0.5
0.8s 5.50nm 5.0mb
EKA 94.84 331 P 35 38.00 -0.7
1.8s 25.10nm 5.3mb
LOR 95.47 322 eP 35 41.20 -0.6
FRF 95.50 318 eP 35 42.40 0.4
LBF 95.54 322 eP 35 42.40 0.2
LMR 95.69 318 eP 35 42.30 -0.6
LRG 95.73 318 eP 35 43.00 0.0
0.8s 5.50nm 5.1mb
SSF 95.78 322 eP 35 42.60 -0.6
SMF 95.79 322 eP 35 43.50 0.2
AVF 96.01 322 eP 35 43.60 -0.7
0.9s 5.10nm 5.1mb
MZF 96.76 322 eP 35 47.40 -0.3
1.0s 3.70nm 4.9mb
PNT 96.93 35 eP 35 50.00 1.6
0.8s 8.00nm 5.3mb
TCF 96.94 322 eP 35 48.90 0.4
EDM 97.83 29 eP 35 53.50 1.1
RJF 97.87 321 eP 35 52.80 0.1
0.8s 5.30nm 5.1mb
NEW 98.89 35 eP 35 59.00 1.7
RSSD 108.49 32 e(PKP) 40 52.30 6.2X
ALQ 113.35 40 ePKP 40 57.00 1.4
1.0s 2.50nm
LTX 118.79 43 ePKP 41 07.10 1.0
0.8s 1.46nm
JCT 120.49 40 ePKP 41 09.20 0.0
0.9s 7.56nm
KIC 121.07 287 ePKP 41 10.90 0.2
TPM 128.63 50 iPKPd 41 27.00 1.7
SJG 146.18 10 iPKPc 42 02.80 5.6X
ITR 157.82 285 e(PKP) 42 25.00 10.9X
YJA 171.53 144 ePKP 42 29.00 3.1X
S.D. = 1.0 on 122 of 146 obs.

? MAY 27, 1985 06h 36m 20.28± 10.74s
33.803 S ±25.3km 72.048 W ±85.5km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV 0.55 106 iPc 36 31.70 0.1
TACH 0.94 81 iPc 36 36.50 -0.6
iS 36 48.80
SAN 1.21 74 iPd 36 41.00 0.0
iS 36 56.70
BACH 1.37 71 iPd 36 43.50 0.1
FCH 1.54 73 iPd 36 46.60 0.5
JACH 1.65 48 iPd 36 47.40 -0.1
MDZ 2.83 72 eP 37 09.80 5.6X
i 37 16.70
i(S) 37 46.00
RFA 3.12 109 e(P) 37 11.50 3.1X
S 38 02.60
TCA 6.76 71 ePd 37 56.80 -3.0X
S 39 22.40
S.D. = 0.5 on 6 of 9 obs.

• MAY 27, 1985 06h 44m 51.20± 0.77s
34.768 S ±14.2km 179.669 E ±14.4km
DEPTH = 33.0km (normal)
4.9mb (5 obs.)
SOUTH OF BERMADEC ISLANDS (179)

GBZ 3.71 246 P 45 58.00 10.4X
GNZ 4.09 198 P 45 58.00 5.1X
eS 46 43.00
TUA 4.51 206 eP 46 05.00 6.0X
S 46 55.00
MNG 6.72 208 P 46 30.00 -0.1
S 47 34.00
WAM 25.06 258 eP 50 15.10 1.1
CAN 25.07 260 eP 50 20.90 6.8X
YOU 25.73 262 eP 50 26.50 6.2X
BFD 30.02 254 eP 51 03.00 3 9X
CTA 32.89 288 iPc 51 31.00 6.5X
0.9s 11.34nm 4.8mb

ASPA 41.14 273 eP 52 35.00 1.0
0.5s 63 00nm 5.6mb
WB2 42.52 278 eP 52 45.10 -0.2
i 52 48.30
WRA 42.53 278 Pd 52 44.90 -0.5
0.4s 13.90nm 5.0mb
WBN 46.12 266 eP 53 15.00 0.7
0.4s 7.00nm 5.0mb
NWAO 51.13 253 eP 53 52.00 -1.0
KLB 51.19 255 eP 53 53.00 -0.4
MUN 52.28 254 eP 54 01.00 -0.7
SPA 55.41 180 eP 54 26.20 1.7
0.6s 4.88nm 4.7mb
MAW 67.54 202 eP 55 45.00 -0.8
GBA 107.59 275 Pdiff 59 22.00 13.5X
0.3s 42.00nm
YKA 110.22 27 ePKP 03 21.20 0.8
MBC 117.10 14 ePKP 03 32.00 -1.2
SOD 143.84 343 ePKP 04 18.00 -5.7X
BNG 145.11 214 iPKPc 04 25.20 -2.3
0.7s 44.00nm
id 04 40.00
KJF 145.93 338 iPKP 04 27.60 0.3
0.7s 17.40nm
SUF 147.50 338 iPKP 04 31.40 1.6
0.6s 3.20nm
NUR 149.60 336 iPKP 04 37.20 4.0X
0.8s 26.40nm
KIC 151.44 171 iPKP 04 43.90 6.5X
UPP 152.29 340 iPKP 04 43.10 5.9X
NB2 152.68 348 PKP 04 45.20 7.4X
0.9s 4.90nm
HFS 153.02 344 ePKP 04 45.30 7.0X
0.7s 3 30nm
S.D. = 1.2 on 16 of 30 obs.

? MAY 27, 1985 06h 57m 12.54± 5.75s
34.127 S ±21.1km 71.810 W ±45.3km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.37 63 iPc 57 20.50 -0.8
iS 57 27.40
TACH 0.87 57 iPc 57 28.00 -0.4
SAN 1.17 55 iPd 57 32.90 0.2
iS 57 51.20
ROCH 1.33 30 iPd 57 34.80 -0.4
PEL 1.36 44 iPd 57 35.50 0.1
iS 57 55.50
FCH 1.50 58 iPc 57 37.90 0.2
iS 58 01.00
JACH 1.76 36 iPd 57 41.40 0.0
MDZ 2.77 64 eP 57 59.60 4.0X
i(S) 58 05.80
RFA 2.84 104 ePd 57 56.70 0.1
RTCV 3.56 51 eP 58 10.00 3.1X
(S) 59 02.00
RTCB 3.65 45 ePc 58 10.00 1.8X
RTLL 3.96 46 ePc 58 13.30 0.7
S 59 08.00
TCA 6.69 67 ePc 58 47.90 -3.2X
S 00 13.80
SLA 10.86 32 e(P) 00 06.00 17.1X
S.D. = 0.5 on 9 of 14 obs.

? MAY 27, 1985 07h 52m 41.43± 1.46s
65.256 S ±14.2km 179.415 E ±26.4km
DEPTH = 10.0km (geophysicist)
4.7mb (2 obs.)
BALLENY ISLANDS REGION (702)

SBA 13.22 192 iPc 55 50.50 -0.9
1.0s 43.00nm 5.5mb X
DRV 15.93 247 eP 56 28.60 1.7
WEL 24.16 351 P 57 36.00 -22.2X
MNG 24.78 353 (P) 58 05.00 0.7
e 58 26.00
SPA 24.89 180 eP 58 08.00 2.6X
1.0s 15.00nm 4.6mb
CAN 35.02 314 eP 59 36.40 0.5
YOU 36.18 314 eP 59 47.20 1.6X
WB2 54.04 305 eP 02 06.20 -1.6
WRA 54.04 305 Pc 02 06.00 -1.9
0.9s 9.40nm 4.8mb
MBC 146.33 22 ePKP 12 22.00 1.4
FRB 151.97 61 ePKP 12 43.00 13.4X
S.D. = 1.8 on 7 of 11 obs.

* MAY 27, 1985 07h 52m 44.83± 2.04s
37.806 N ± 7.5km 4.832 W ±22.7km
DEPTH = 10.0km (geophysicist)
SPAIN (377)

MAL	1.13	163	iPnc	53	05.70	-0.2
			iSg	53	18.00	
CRT	1.16	122	iPgd	53	05.90	-0.6
AFC	1.16	118	iP	53	07.80	1.1
ALM	2.12	116	iPnd	53	23.30	2.6X
	0.4s		1.20nm			
			iSn	53	46.80	
TOL	2.16	16	iPg	53	28.50	7.1X
			i	53	45.00	
			iSn	53	56.50	
			iSg	54	01.50	
GUD	2.88	10	iP	53	34.20	2.5X
LGR	4.98	20	ePn	54	03.00	1.7
			ePg	54	24.00	
			eSn	55	04.00	
			iSg	55	33.50	
EPF	6.54	35	Pn	54	22.90	-0.6
			Sn	55	30.40	
MLS	6.84	39	eP	54	27.20	-0.5
LFF	8.26	29	Pn	54	46.60	-0.9

S.D. = 1.2 on 7 of 10 obs.

MAY 27, 1985 10h 04m 43.75± 0.48s
51.212 N ± 7.3km 176.561 W ± 5.1km
DEPTH = 33.0km (normal)
4.7mb (19 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 4.5 (PMR). Felt (II) on Adak.

AD5	0.48	332	P	04	55.09	1.1
AD3	0.55	13	P	04	56.08	1.0
AK5	0.63	341	P	04	56.37	0.2
AD6	0.65	320	P	04	57.27	0.8
ADK	0.68	354	iPd	04	57.10	0.3
AD7	0.76	335	P	04	58.49	0.4
AD8	0.77	358	P	04	58.60	0.5
AD2	0.77	26	P	04	59.03	0.9
AK1	0.81	304	P	05	00.39	1.6
AK4	0.82	318	P	05	00.63	1.7
AD1	0.85	17	P	05	00.13	0.8
SMY	5.97	288	eP	06	11.50	-0.5
SDN	10.47	60	eP	07	14.20	-0.2
KDC	15.39	55	eP	08	18.40	-1.4
TTA	16.11	35	e(P)	08	31.70	2.6
	1.0s		20.00nm		4.2mb	
PWA	17.94	44	e(P)	08	53.40	1.5
PMR	18.24	45	P	09	00.00	4.4X
IMA	18.88	29	eP	09	03.70	0.1
TOA	19.74	45	e(P)	09	12.20	-1.2
COL	20.23	36	eP	09	16.00	-2.3
	0.8s		13.06nm		4.3mb	
FBA	20.23	36	eP	09	16.50	-1.8
	1.0s		15.00nm		4.3mb	
INK	26.80	34	eP	10	20.00	-2.2
MBC	33.24	22	eP	11	17.00	-2.3
	0.5s		8.00nm		4.9mb	
YKA	34.33	47	eP	11	28.40	-0.4
YKC	34.39	47	eP	11	28.00	-1.4
MAT	35.15	263	iPc	11	36.70	0.5
	0.8s		18.66nm		5.1mb	
PNT	35.67	70	eP	11	41.00	0.5
	0.7s		18.00nm		5.1mb	
			pP	11	52.00	39kmX
NEW	37.62	70	eP	11	57.00	0.1
			e	12	08.00	
EDM	37.66	61	eP	11	57.00	-0.2
SES	40.17	65	eP	12	18.00	-0.1
JAS1	41.15	86	eP	12	31.50	5.2X
LRM	41.60	71	eP	12	31.60	1.4
BMN	41.66	81	eP	12	33.20	2.6
EUR	43.00	81	iP	12	44.10	2.4
YMT3	44.37	85	iP	12	55.00	2.4
PRN	44.83	83	eP	12	59.00	2.6
BDW	45.00	73	eP	12	59.00	1.1
	1.1s		11.76nm		4.7mb	
			epP	13	10.50	41kmX
BJI	46.78	284	eP	13	11.00	-0.6
RSSD	47.52	69	eP	13	18.10	0.4
	0.8s		6.34nm		4.7mb	
RMU	47.58	81	eP	13	21.50	3.3X
GLA	47.77	88	iP	13	28.00	8.5X
GOL	49.38	74	e(P)	13	31.00	-1.2
GOL	49.38	74	eP	13	33.50	1.3
RSON	49.39	56	eP	13	30.30	-1.5
ALQ	51.75	80	eP	13	50.00	-0.2
	1.0s		3.00nm		4.2mb	
FR8	52.43	32	eP	13	52.00	-2.6
LTX	57.29	83	eP	14	31.00	0.4
	1.0s		2.40nm		4.2mb	
TUL	57.60	72	eP	14	32.50	-0.1
	0.8s		12.50nm		5.0mb	
RLO	57.88	71	e(P)	14	34.00	-0.5
JCT	58.89	79	eP	14	43.00	1.3
			i	15	31.00	
BHO	59.19	72	eP	14	43.70	0.0
	0.8s		2.80nm		4.4mb	
SCH	59.29	39	eP	14	41.00	-3.1X
FVM	59.34	66	iP	14	42.50	-2.2
	0.8s		6.82nm		4.8mb	
FVM	59.34	66	eP	14	43.20	-1.5
	0.6s		7 15nm		5.0mb	
RSCP	63.78	65	eP	15	13.50	-1 1
KMI	65.14	280	iPc	15	23.00	-0.8
PRM	66.71	64	iP	15	33.10	-0.3
KKN	73.65	294	eP	16	15 30	-0.7
	0.6s		11.00nm		5.0mb	
PKI	73.74	294	eP	16	15.80	-0.9
	0.6s		7.00nm		4.8mb	
DMN	73.89	294	eP	16	16.90	-0.5
	0.5s		6.00nm		4.8mb	
QUE	81.60	308	eP	16	58.00	-1.8
WB2	82.88	226	eP	17	08.20	2.0
WRA	82.89	226	Pd	17	07.70	1.5
	0.6s		2.60nm		4.5mb	
GBA	89.25	291	Pd	17	34.90	-2.8
	0.9s		25.40nm		5.5mb	
BNG	123.08	342	iPKPd	23	37.50	-1.0
	0.5s		5.00nm			
MAW	147.21	218	ePKP	24	25.00	3.8X

S.D. = 1.4 on 60 of 66 obs.

* MAY 27, 1985 10h 43m 20.32± 1.05s
10.222 S ±13.7km 40.392 E ±18.8km
DEPTH = 10.0km (geophysicist)
4.3mb (3 obs.)
TANZANIA (573)

TET	8.87	228	eP	45	35.00	3.5X
			eS	47	13.00	
NAI	9.58	338	eP	45	43.00	1.5
	1.0s		26.00nm		5.6mb X	
MTD	10.76	232	iPn	45	58.00	0.3
			iSn	47	58.00	
			iSg	49	00.00	
KRI	12.36	237	iPn	46	20.00	0.5
			iSn	48	34.00	
BUL	15.04	228	iPn	46	54.30	-0.5
			eSn	49	40 60	
			iLg	51	18.50	
BNG	26.18	303	iPc	49	03.10	6.1X
	0.4s		3.00nm		4.3mb	
NUR	71.60	352	eP	54	57.00	13.5X
SUF	73.55	353	iP	54	54.20	-0.8
	0.6s		0.70nm		3.9mb	
KJF	74.83	354	eP	55	01.00	-1.3
WRA	90.23	110	Pd	56	25.00	1.9
	0.8s		2.40nm		4.5mb	
EUR	144.05	328	iPKP	02	57 00	-1.6
	1.0s		3.85nm			

S.D. = 1.5 on 8 of 11 obs.

MAY 27, 1985 11h 32m 52.05± 0.25s
22.710 S ± 4.7km 68.574 W ± 7.2km
DEPTH = 95.8km (10 depth phases)
4.9mb (16 obs.)
NORTHERN CHILE (123)
Felt (IV) at Calama.

TPZ	1.25	354	iPc	33	45.10	29.4X
			S	34	28.00	
ANT	1.96	239	iPc	33	18.20	-6.3X
			iS	33	38 00	
YJA	2.89	80	iPc	33	44.00	6.5X
SLA	3.46	126	ePd	33	47.00	1.9
FSA	4.09	146	iPc	33	53.40	-0.1
CNCB	5.90	6	P	34	23.80	4.7X
LP8	6 16	4	eP	34	26.00	3.4X
			i	34	47.20	
			S	35	17.00	
ARE	6.80	336	eP	34	30.00	-1.2
CFA	8.87	178	ePd	34	50.50	-8.7X
TCA	9.30	158	iPc	34	58.00	-7.1X
JACH	10.09	190	eP	35	05.80	-10.1X
MDZ	10.14	181	eP	35	17.10	0.7
			i(S)	35	50.70	
ROCH	10.45	191	eP	35	21.50	0.7
PEL	10.56	190	eP	35	22.50	0.4
BACH	10.74	189	eP	35	14.00	-10.5X
PCH	11.00	189	eP	35	27.20	-0.8
LNV	11.48	192	eP	35	37.90	3.7X
VBA	16.31	161	e(P)	36	30.60	-6 6X
VAO	19.91	95	eP	37	16.90	-1.7
			i	37	41.40	142kmX
			i	37	47.00	
BAO	20.66	74	eP	37	24.90	-1.5
			e	37	28.40	13kmX
			e	37	30.40	
			e	37	32.10	
SOB1	29.73	68	eP	38	53.60	2.0
			e	38	55.20	6kmX
TPM	51.03	322	iPc	41	49.00	2.3
PRM	57.98	347	iP	42	36.20	-0.6
RSCP	60.19	344	eP	42	51.30	-0.8
	0.7s		40.12nm		5.6mb	
			pP	43	15.00	95km
JCT	60.79	329	iP	42	55.90	-0.4
	0.8s		9.33nm		4.9mb	
			epP	43	19.80	95km
LTX	61.79	325	eP	43	02.20	-0.9
	0.9s		1.54nm		4.0mb	
BHO	62.03	335	eP	43	04.00	-0.5
	0.8s		2.80nm		4.4mb	
TUL	63.74	336	eP	43	14.60	-1.1
	1.2s		30.70nm		5.1mb	
FVM	63.77	341	eP	43	14.80	-1.1
	0.9s		22.88nm		5.1mb	
			pP	43	39.70	99km
SKLY	66.55	356	eP	43	34 00	0.4
RSNY	67.15	355	iP	43	38.30	0.8
	0.9s		42.02nm		5.4mb	
SPA	67.43	180	eP	43	36.70	-2 6
	0.6s		7.72nm		4.8mb	
MIM	67.62	360	eP	43	41.00	0 7
ALQ	67.67	327	eP	43	40 50	-0.7
	0.9s		8.82nm		4.7mb	
			epP	44	05.30	97km
MNT	68.04	356	iP	43	44.00	1.1
	0.8s		80.00nm		5.7mb	
OTT	68.09	355	eP	43	44.00	0.8
KIC	68.75	73	eP	43	47.80	-0.2
GLA	70.86	320	iP	44	01.30	0.7
GLD	70.93	331	eP	44	01.30	0.2
GOL	70.96	331	eP	44	01.10	-0.2
	1.0s		4.50nm		4.3mb	
RMU	71.64	325	iP	44	06.50	1 2
			ipP	44	31.00	95km
RSSD	74.02	334	iP	44	19.30	0 1
	0.9s		13.45nm		4.8mb	
			ipP	44	44.30	96km
PRN	74.09	323	iP	44	20.80	1.2
			epP	44	45.90	97km
YMT3	74.41	322	iP	44	22.20	0.7
			ipP	44	47.20	96km
BDW	75.32	330	eP	44	26.50	-0.2
	1.0s		2.20nm		4.0mb	
EUR	76.07	324	iP	44	31.20	0.1
	0.2s		5.58nm		5.1mb	
RSON	76.53	344	eP	44	32.30	-0.7
	0.8s		9.86nm		4.7mb	
SCH	77.22	1	eP	44	36.00	-0.7
JAS1	77.52	320	eP	44	39.20	0.4
ARN	77.80	319	eP	44	41.00	0.6
LRM	78.98	330	eP	44	47.70	0.7
ORV	79.23	321	eP	44	48.90	0.8
			pP	45	13.80	95km
SES	81.89	334	ePc	45	02.20	0 2
			pP	45	27.00	94km
PNT	84.85	329	eP	45	17.00	0.0
EDM	84.98	335	eP	45	16.50	-1.1
FRB	86.17	0	eP	45	23.00	-0 1
BUL	88.69	111	iPc	45	36.60	0 0
YKC	92.37	340	eP	45	52.00	-0.4
	0.6s		7.00nm		5.2mb	
YKA	92.42	340	eP	45	53.40	0.8
MTD	92.63	109	eP	45	55.00	0.3
WB2	132.06	210	ePKP	51	54.80	-2.0

27d 11h

```
WRA    132.07 210 PKPd  51 55.60   -1.2
         0.8s      2.90nm
GBA    146.53 100 PKPd  52 23.60    0.7
         0.4s     24.20nm
MAT    153.05 307 ePKP  52 39.00    6.7X
         0.8s      7.46nm
       S.D. = 1.0  on  52 of  64 obs.

%  MAY  27, 1985  12h 31m 18.23± 2.19s
   39.077 N ±1..8km   26.436 E ±22.0km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                                (366)

EZN      0.75 354 iPg    31 33.20    0.3
                  iSg    31 46.20
IZM      0.94 136 iPn    31 36.00   -0.1
EDC      1.68  41 ePn    31 47.00   -0.8
DST      1.78  72 ePn    31 50.00    0.7
KCT      1.89  51 ePn    31 53.00    2.2X
YER      2.43 143 ePn    32 02 00    3 4X
DMK      2.92  20 iPn    32 05.50   -0.1
       S.D. = 0.8  on   5 of   7 obs.

*  MAY  27, 1985  12h 40m 55.76± 2.16s
   14.014 N ±14.3km   92.488 W ±10.7km
   DEPTH =  60.4 ± 15.8 km
   4.4mb ( 12 obs.)  3.7Msz (  1 obs.)
 NEAR COAST OF CHIAPAS, MEXICO    ( 69)

COM      2.25   9 iP    41 34.00    2.5
                  iS    41 52.00
III      7.99 304 eP    42 49.00   -2.8
TPM      8.01 309 iP    42 51.00   -1 1
JCT     17.72 339 iP    45 01.50    1.6
         1.0s     14 00nm          4.1mb
LTX     18.43 328 eP    45 10.00    1.3
         1.0s      6.00nm          3.7mb
BHO     20.39 354 eP    45 29.50   -0.6
BOG     20.42 115 eP    45 35.00    4.1X
                  eS    49 30.00
PRM     21.99  23 eP    45 46.70    0.5
TUL     22.01 353 e(P)  45 50.70    4.3X
         1.0s     23.40nm          4.6mb
       Z  19s      0.28um          3.7Msz
RLO     22.18 355 eP    45 47.00   -1.1
RSCP    22.37  15 eP    45 49.30   -0.8
ALQ     24.36 .31 eP    46 10.20    0.7
         1.0s      5.75nm          4.0mb
GLA     27.80 317 eP    46 44.80    3.6X
GOL     27.98 338 e(P)  46 42.50   -0.6
PRN     30.76 323 e(P)  47 15.00    7.2X
YMT3    31.16 321 eP    47 13.00    1.8
RSSD    31.59 344 eP    47 14.40   -0.7
         0.7s      2.33nm          4.1mb
BDW     32.23 336 eP    47 20.40   -0.3
         0.8s      1.61nm          3.9mb
EUR     32.72 325 iP    47 36.00   11.0X
         0.8s      1.62nm
SKLY    33.67  24 eP    47 31.70   -1.1
RSNY    34.06  23 eP    47 35.20   -1 1
BMN     34.07 325 eP    47 36.70    0 1
LRM     35.91 336 ePc   47 53 50    1.2
FFC     41.29 352 eP    48 37.00    0.3
         0.6s      4.00nm          4.4mb
PNT     41.65 333 eP    48 41.00    1 3
         0.8s      8.00nm          4.5mb
EDM     42.47 342 iPc   48 47.00    0.6
SCH     45.38  21 eP    49 08.00   -1 8
YYC     50.86 347 eP    49 52.00   -0.2
         0.8s     28.00nm          5.3mb
YYA     50.90 347 eP    49 53.50    1 0
FRB     52.41  13 eP    50 02.00   -1.9
SOB1    56.15 111 eP    50 32.40    0.5
         0.9s      8.80nm          4.8mb
                   e    50 33.60
ITR     58.22 110 eP    50 46.60    0.1
INK     60.28 344 eP    51 00.00    0 1
COL     63.05 337 eP    51 18.00   -0.6
         0.8s      5.60nm          4.7mb
MBC     63.84 353 eP    51 24.00    0.3
DAG     72.73  13 iPc   52 18.10   -0.8
         0.6s      4.67nm          4 6mb
EKA     78.23  36 P     52 50.00   -0.3
         0.2s    399.30nm          7.0mb X
BUL    123.60  05 ePKP  59 54.30    5.3X
KRI    124.28 101 ePKP  59 55.00    4.6X
MTD    126.15 101 ePKP  00 01.00    7.0X

CHG    145.49 341 ePKP  00 29.50    0.0
CHTO   145.49 341 iPKP  00 13.30  -16.2X
         1.0s      7.50nm
LOE    145.77 335 ePKP  00 30.00    0.0
BDT    146.93 340 ePKP  00 34.50    2.7
HYB    147.54  16 ePKP  00 37.00    4.1X
GBA    150.80  20 PKPd  00 45.20    7.3X
         0.8s     21.20nm
       S.D. = 1.3  on  35 of  46 obs.

*  MAY  27, 1985  12h 43m 41.45± 1.10s
   32.743 S ± 8.7km   71.943 W ±10.8km
   DEPTH =  33.0km  (normal)
   4.5mb (  1 obs.)
 NEAR COAST OF CENTRAL CHILE           (135)

ROCH     0.82 106 iPd    43 56.00   -0.7
PEL      1.13 111 iPd    44 00.90   -0.2
JACH     1.14  87 iPc    44 00.90   -0.3
TACH     1.24 137 iPc    44 02.70    0.1
SAN      1.29 124 iPd    44 03.50    0.2
                  iS     44 19.90
LNV      1.29 160 iP     44 02.10   -1.1
BACH     1.36 117 iP     44 04.60    0.2
PCH      1.48 127 iPc    44 06.70    0.5
FCH      1.51 113 iPd    44 07.00    0.3
MDZ      2.61  94 eP     44 24.20    1.9
                  eS     44 59.10
ZON      3.02  68 eP     44 30.00    1.9
CFA      3.34  71 ePd    44 34.60    2.0
RFA      3.53 126 ePc    44 36.50    1.1
                  S      45 31.00
TCA      6.40  79 ePc    45 14.10   -1.8
                  S      46 26.00
CYA      6 81  53 e(P)   45 19.50   -2.2
                  S      46 43.50
VBA      9 71 126 ePd    46 00.30   -1.6
YJA     11.98  30 e(P)   46 39.00    5.7X
BAO     27.60  58 e(P)   49 25.90   -2.0
SPA     57.43 180 e(P)   53 29.30    0.1
ALQ     74.72 331 eP     55 20.90    1.0
         1.2s      5.86nm          4.5mb
GBA    146.20 117 PKPd  03 20.10    0.6
         0.7s     10.00nm
HYB    149.36 113 ePKP  03 38.40   13.9X
       S.D. = 1.4  on  20 of  22 obs.

%  MAY  27, 1985  13h 03m 29.77± 0.84s
   60.809 N ± 6.2km    5.091 E ±10.1km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                       (535)
      DUR 1.9 (BER).

SUE      0.30 327 iPg    03 36.00    0.1
                  eSg    03 41.20
ASK      0.33 171 iPg    03 36.00   -0.6
                  eSg    03 41.00
HYA      0.64  56 iPg    03 42.40   -0.2
                  eSg    03 51.60
ODD      1.16 137 ePn    03 52.00    0 5
                  eSn    04 08.00
KMY      1.60 177 ePn    03 58.50    0.3
                  eSn    04 20.00
       S.D. = 0.6  on   5 of   5 obs.

?  MAY  27, 1985  13h 21m 31.61± 1.42s
   5.347 S ±20.0km  102.539 E ±30.0km
   DEPTH =  33.0km  (normal)
   4.2mb (  2 obs.)
 SOUTHERN SUMATERA                     (274)

PPI      5.31 336 ePd    22 50.50   -0.2
                  eS     24 09.00
KGM      7.36   6 eP     23 20.00    0.5
LOE     22.62 358 eP     26 30.00   -1.0
CHG     24.27 352 eP     26 47.50    0.5
CHTO    24.27 352 iP     26 47.10    0.1
         1.0s      7.00nm          4.2mb
WRA     34.16 118 P      28 14.00   -2.1
         1.0s      3.00nm          4.2mb
WB2     34.17 118 eP     28 17.70    1.5
KKN     36.92 334 eP     28 39.10   -0.5
         0.7s      9.00nm          4.7mb X
JCT    147.33  37 ePKP   41 13.00    1.3
         0.8s      2.99nm
       S.D. = 1.3  on   9 of   9 obs.

?  MAY  27, 1985  15h 09m 57.29± 6.30s
   60.928 N ±25.8km    3.523 E ±44.7km
   DEPTH =  10.0km  (geophysicist)
 NORTH SEA                             (534)
      DUR 2.4 (BER).

SUE      0.62  77 iPg    10 09.70    0.0
ASK      0.94 118 iPg    10 14.50   -0.6
HYA      1.32  78 iPg    10 21.30   -0.3
ODD      1.84 121 iPn    10 30.40    1.2
KMY      1.93 153 iPn    10 29.90   -0.5
       S.D. = 1.0  on   5 of   5 obs.

*  MAY  27, 1985  15h 28m 54.43± 0.89s
   40.351 N ± 8.9km   25.845 E ±10.6km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                            (365)

EZN      0.64 145 iPg    29 07.20   -0.1
                  iSg    29 18.20
KDZ      1.34 344 iPgc   29 18.00   -1.1
EDC      1.54  89 ePn    29 22.80    0.8
DIM      1.71 353 iPg    29 26.00    1.7
MMB      2.02 308 eP     29 29.00    0.0
DMK      2.06  44 ePn    29 25.10   -4.4X
CTT      2.12  67 ePn    29 29.00   -1.4
JMB      2.19  14 eP     29 35.00    3.7X
IZM      2.24 150 ePn    29 31.80   -0.3
DST      2.26 108 ePn    29 33.00    0.5
VAY      2.67 292 ePn    29 50.00   11.8X
VTS      3.00 319 eP     29 50.00    7.2X
       S.D. = 1.2  on   8 of  12 obs.

   MAY  27, 1985  17h 15m 43.98± 0.52s
   22.679 S ± 5.9km   66.006 W ±10.3km
   DEPTH = 253.3 ±  5.6 km
   4.6mb ( 11 obs.)
 JUJUY PROVINCE, ARGENTINA             (128)

YJA      0.69  43 iPd    16 19.90    0.4
                  S      16 42.00
SLA      2.09 167 iPc    16 29.70    1.6
                  S      17 04.00
TPZ      2.79 295 iPd    16 23.10  -12.1X
                  S      16 52.00
FSA      3.39 180 iPc    16 42.20    0.9
CNCB     6.13 342 iP     17 15.90    0.9
                  iS     18 26.00
LPB      6.42 342 iPc    17 19.30    0.8
         0.9s    134.45nm          4,.9mb X
                  iS     18 33.00
ARE      8.06 319 iPc    17 35.50   -3.6X
                  iS     18 59.50
TCA      8.72 172 iPc    17 46.40   -0.8
                  S      19 20.50
MDZ     10.47 193 eP     18 07.30   -2.1
                  e(S)   19 58.90
ITB1    10.83 103 iPd    18 22.00    8.1X
ITB     11.01 103 P      18 23.60    7.4X
ITB7    11.09 105 eP     18 25.00    7.7X
RFA     12.24 190 ePc    18 28.70   -2.8
VAO     17.55  95 iPc    19 34.20    0.1
                   i     19 36.60
                   i     19 46.40
BAO     18.39  71 iPc    19 43.20    0.3
                   i     19 45.60
                   e     19 47.90
                   e     19 50.30
ATB     23.45  37 Pc     20 31.50   -0.9
SOB1    27.55  65 eP     21 08.60   -1.2
                   i     21 30.80
ITR     29.86  67 iPc    21 28.70   -1.6
         0.6s     34.20nm          5.1mb
BIM     37.28   8 eP     22 31.37   -2.1
MVM     37.34   8 eP     22 32.10   -1.9
FDF     37.48   8 eP     22 33.95   -1.3
         0.4s      0.96nm          3.7mb
CRM     37.53   8 eP     22 34.64   -0.9
JCT     62.02 327 eP     25 38.80   -1.0
         0.8s      2.99nm          4.0mb
KIC     66.48  72 iP     26 07.30   -1.5
         0.7s     53.00nm          5.4mb
SPA     67.46 180 e(P)   26 16.00    1.6
SCH     77.18 360 eP     27 10.00   -0.9
TOL     84.88  43 eP     27 52.00    0.6
BUL     86.48 110 iPc    28 00.50    0.6
KRI     88.64 108 eP     28 15.00    4.7X
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EPF 89.37 42 eP 28 13.80 0.8
0.9s 12.70nm 4.8mb
MLS 89.79 43 eP 28 16.10 1.2
MTD 90.39 108 eP 28 21.00 2.7
LFF 90.62 41 eP 28 19.10 0.5
0.8s 8.40nm 4.7mb
LPO 90.76 41 eP 28 19.70 0.4
MFF 90.99 39 eP 28 20.80 0.6
0.9s 16.30nm 5.0mb
LPF 91.25 37 eP 28 21.30 -0.1
CAF 91.42 41 eP 28 22.70 0.4
0.6s 2.70nm 4.4mb
GRR 91.55 37 eP 28 22.60 -0.2
LSF 91.78 40 eP 28 24.20 0.3
0.9s 3.00nm 4.3mb
FLN 91.96 37 eP 28 24.50 -0.2
LDF 92.07 37 eP 28 25.10 -0.1
MZF 92.39 40 eP 28 26.70 -0.1
BGF 92.72 40 eP 28 28.10 -0.2
1.0s 3.80nm 4.4mb
YKC 93.15 340 eP 28 31.00 1.1
YKA 93.21 340 eP 28 31.50 1.4
SMF 93.36 40 eP 28 30.60 -0.6
0.9s 6.50nm 4.7mb
SSF 93.37 40 eP 28 30.80 -0.4
LRG 93.38 44 eP 28 32.30 1.0
LMR 93.42 44 eP 28 32.00 0.5
FRF 93.61 44 eP 28 33.10 0.7
LOR 93.68 40 eP 28 32.20 -0.5
WB2 133.21 207 ePKP 34 32.70 0.9
WRA 133.21 207 PKPd 34 31.60 -0.2
0.7s 1.60nm
GBA 144.19 98 PKPc 34 50.70 -1.1
0.8s 44.70nm
HYB 146.35 92 ePKPc 34 57.50 2.0
0.8s 34.60nm
DMN 153.42 73 ePKP 35 14.60 8.4X
KKN 153.56 73 ePKP 35 14.60 8.3X
0.6s 10.00nm
PKI 153.70 73 ePKP 35 14.80 8.1X
S.D. = 1.2 on 49 of 58 obs.

MAY 27, 1985 17h 49m 11.32± 0.38s
4.116 S ± 8.7km 68.393 E ± 7.4km
DEPTH = 10.0km (geophysicist)
4.7mb (11 obs.) 3.8Msz (1 obs.)
CHAGOS ARCHIPELAGO REGION (426)

GBA 19.76 27 P 53 44.00 -0.6
1.1s 26.50nm 4.5mb
HYB 23.63 25 eP 54 24.50 0.9
DMN 35.42 26 P 56 10.00 0.0
0.9s 70.00nm 5.5mb
PKI 35.52 27 P 56 10.80 -0.2
0.7s 10.00nm 4.8mb
KKN 35.66 26 iPc 56 12.20 0.2
0.7s 35.00nm 5.3mb
CHG 37.74 52 iPc 56 30.40 1.0
0.8s 8.40nm 4.6mb
CHTO 37.74 52 iP 56 30.50 1.1
1.0s 10.75nm 4.6mb
Z 18s 0.13um 3.8Msz
MTD 38.24 248 eP 56 33.00 -0.7
KRI 40.07 249 eP 56 57.00 8.0X
MHI 41.06 349 eP 56 57.00 0.2
BUL 41.87 244 eP 57 04.30 0.5
SLR 44.04 237 eP 57 22.00 0.6
0.9s 16.81nm 4.9mb
KMI 44.24 47 eP 57 23.00 -0.1
GYA 47.90 48 P 57 51.60 -0.5
CD2 48.50 42 eP 57 56.20 -0.3
WMO 50.79 18 eP 58 15.50 1.6
GTA 52.10 31 eP 58 23.20 -0.8
XAN 53.85 42 eP 58 35.60 -1.4
VRI 61.99 328 eP 59 35.00 1.0
BJI 62.04 40 eP 59 34.00 -0.4
WRA 66.01 110 Pd 00 00.00 -0.7
0.7s 3.70nm 4.7mb
WB2 66.02 110 eP 00 01.20 0.4
CN2 69.90 40 Pd 00 24.20 -0.4
GRC2 72.24 324 eP 00 38.10 -0.6
0.9s 7.00nm 4.8mb
NUR 72.87 339 eP 00 54.00 11.9X
KIC 73.75 278 eP 00 47.90 -0.3
SUF 73.92 341 iP 00 46.80 -1.4
0.5s 0.60nm 3.9mb
KJF 74.52 343 eP 00 52.00 0.4
HFS 76.89 335 ePKP 01 04.60 -0.6
0.2s 1.00nm 4.6mb
RLO 144.63 336 ePKP 08 49.70 -0.7
TUL 145.16 337 ePKP 08 51.50 0.2
0.8s 11.70nm
BHO 146.11 335 e(PKP)08 54.00 1.1
JCT 151.51 338 ePKP 09 08.00 6.5X
S.D. = 0.8 on 30 of 33 obs.

• MAY 27, 1985 18h 46m 14.64± 0.87s
1.457 S ±22.4km 24.488 W ±15.1km
DEPTH = 10.0km (geophysicist)
4.9mb (9 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)

ITR 15.65 242 eP 49 57.30 0.2
SOB1 18.05 244 eP 50 29.60 2.2
0.6s 3.20nm 3.6mb X
e 50 32.20
e 50 42.20
KIC 21.19 68 iPc 51 01.30 -1.5
0.9s 170.00nm 5.4mb
BAO 27.12 237 e(P) 51 53.20 -6.9X
e 51 56.70
e 52 02.90
BNG 43.40 82 iPc 54 20.80 1.3
0.8s 49.00nm 5.3mb
id 54 23.90
id 54 31.00
CNCB 45.42 248 iP 54 33.80 -2.6
LPB 45.46 248 eP 54 36.00 -0.6
ENN 58.13 22 eP 56 10.50 -0.2
1.0s 7.00nm 4.7mb
VOY 58.14 31 eP 56 09.10 -1.9
i 56 21.30
e 57 10.00
GRB5 59.25 27 eP 56 20.70 2.1
0.9s 5.00nm 4.6mb
KHC 60.14 28 P 56 26.50 1.8
CLL 61.43 26 eP 56 44.00 10.6X
BHO 74.73 306 eP 57 56.40 -0.4
TUL 75.80 308 ePc 58 02.60 -0.3
0.9s 15.40nm 5.1mb
JCT 78.11 301 iP 58 17.00 1.1
1.0s 9.50nm 4.8mb
ALQ 84.24 305 eP 58 49.30 0.9
1.0s 10.00nm 5.0mb
ALE 85.48 355 eP 58 53.50 0.1
0.9s 5.00nm 4.7mb
MHI 86.00 54 eP 59 02.00 5.0X
BDW 87.36 313 eP 59 01.00 -2.7
0.9s 1.71nm 4.3mb
EDM 90.47 323 eP 59 18.00 0.1
YKC 91.28 332 eP 59 21.00 -0.3
YKA 91.34 332 eP 59 22.40 0.8
ASPA 147.36 141 ePKP 06 05.00 6.4X
WRA 150.28 137 PKPc 06 09.30 6.1X
0.7s 1.70nm
WB2 150.28 137 ePKP 06 12.80 9.6X
S.D. = 1.5 on 19 of 25 obs.

? MAY 27, 1985 19h 52m 21.27± 4.72s
31.177 S ±34.1km 68.430 W ±30.3km
DEPTH = 112.4 ± 34.4 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.16 192 iPd 52 37.20 -0.2
RTCB 0.44 226 iPd 52 38.50 0.1
S 52 50.30
CFA 0.46 159 iPd 52 38.40 0.0
S 52 50.00
RTCV 0.69 188 iP 52 40.20 0.1
S 52 53.00
MDZ 1.74 192 eP 52 51.50 -0.1
TCA 3.29 94 iPd 53 12.10 0.0
S 53 49.00
S.D. = 0.2 on 6 of 6 obs.

• MAY 27, 1985 20h 19m 05.87± 0.96s
42.113 N ±13.9km 77.972 E ±15.9km
DEPTH = 33.0km (normal)
4.3mb (6 obs.)
ALMA-ATA REGION (330)

MHI 15.45 254 eP 22 43 00 0.0
KKN 15.48 155 eP 22 44.20 0.6
0.5s 24.00nm 4.7mb
DMN 15.60 156 eP 22 44.40 -0.8
0.6s 12.00nm 4.3mb
PKI 15.73 155 eP 22 47.10 0.2
0.8s 27.00nm 4.5mb
SUF 36.40 322 iP 26 15.90 7.2X
0.6s 2.70nm 4.3mb
HFS 42.27 318 eP 26 56.80 -0.5
0.5s 3.20nm 4.3mb
NB2 43.40 319 P 27 07.20 0.5
0.6s 2.10nm 4.1mb
S.D. = 0.7 on 6 of 7 obs.

• MAY 27, 1985 22h 35m 26.04± 1.56s
31.464 S ± 7.6km 71.778 W ±14.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

JACH 1.58 141 iP 35 51.90 -0.2
ROCH 1.64 157 iPc 35 52.60 -0.5
iS 36 15 80
PEL 1.91 151 iPd 35 56.70 -0.3
iS 36 22.60
BACH 2.18 150 iPd 36 00.60 -0.1
iS 36 31.10
SAN 2.20 155 eP 36 02.00 1.0
iS 36 32.40
FCH 2.24 146 iPc 36 02.50 0.6
TACH 2.30 162 iP 36 02.50 0.1
PCH 2.40 154 iP 36 04.00 0.0
LNV 2.50 173 eP 36 05.00 -0.3
RTCB 2.54 91 ePc 36 06.00 0.0
S 36 39.00
CHCH 2.64 159 iP 36 07.00 -0.3
iS 36 41.60
ZON 2.65 93 eP 35 58.00 -9.4X
RTCV 2.79 99 ePd 36 10.30 0.9
S 3 48.00
RTLL 2.83 88 ePd 36 09.30 -0.7
S 36 48.00
MDZ 2.86 120 eP 36 12.60 2.2
i 36 15 60
iS 36 55.50
CFA 3.02 94 ePc 36 12 30 -0.5
S 36 54.10
TCA 6.15 91 ePc 36 52.80 -4.2X
S 38 02.00
SLA 8.70 41 e(P) 37 33.00 0.2
S.D. = 0.5 on 15 of 18 obs.

? MAY 28, 1985 00h 32m 09.74±12.95s
35.770 N ±25.5km 137.216 E ±99.0km
DEPTH = 5.0km (geophysicist)
HONSHU, JAPAN (227)

IID 0.57 117 eP 32 21.00 -0.1
S 32 26.50
MAT 1.11 46 iPc 32 30.80 -0.3
iS 32 42.40
DDR 1.62 81 iPc 32 39.00 -0.1
S 32 58.20
SRY 1.68 95 eP 32 39.90 -0.1
OYM 1.69 101 eP 32 39.90 -0.2
TSK 2.39 79 eP 32 50.90 0.7
KYS 2.46 103 eP 32 53.50 2.3
S.D. = 0.5 on 6 of 7 obs

& MAY 28, 1985 00h 42m 18.56s
37.530 N 118.860 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.1 (PAS).

TIN 0.69 133 iPd 42 32.40 0.0
eS 42 39.20
PPK 0.77 97 eP 42 33.80 -0.1
SVP 0.86 77 eP 42 36.50 0.8
FRI 0.86 232 eP 42 36.50 1.0
MNA 1.06 31 eP 42 38.50 -0.4
WKTM 1.76 169 eP 42 48.40 -1.5
6 obs. ossocioted

& MAY 28, 1985 00h 42m 23.70s
37.450 N 118.680 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.1 (PAS).

28d 00h

PPK	0.62	92	eP	42	29.30	-6.8
SVP	0.75	69	eP	42	31.20	-7.4
FRI	0.94	241	eP	42	41.20	-0.8
MNA	1.06	23	eP	42	43.50	-0.7
WKTM	1.66	173	eP	42	53.00	-0.6
ISA	1.79	175	eP	42	55.30	-0.1
SLD	2.06	260	eP	43	00.00	0.7
EUR	2.94	46	iP	43	17.20	5.1
	8 obs. associated					

MAY 28, 1985 00h 49m 40.83± 0.51s
43 421 N ± 6.1km 5.453 E ± 3.6km
DEPTH = 10 0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 3.2 (LDG).

LRG	0.66	87	Pg	49	54.50	0.5
			Sg	50	05.00	
LMR	0.78	96	Pg	49	56.40	0.5
FRF	0.88	80	Pg	49	58.30	0.6
			Sg	50	10.40	
FCUF	1.47	40	P	50	09.90	2.6X
CAF	2.65	108	Pn	50	23.60	-0.7
			Sn	50	53.20	
CAF	2.86	303	Pn	50	27.40	0.0
			Sn	51	00.80	
			Sg	51	13.20	
MLS	3.23	263	ePd	50	32.60	0.0
LPO	3.32	294	Pn	50	34.00	0.1
			Pg	50	44.40	
			Sn	51	12.20	
			Sg	51	28.60	
RJF	3.39	305	Pn	50	35.60	0.7
			Sn	51	13.60	
			Sg	51	29.60	
SMF	3.42	341	Pn	50	35.60	0.3
MZF	3.46	325	Pn	50	36.60	0.8
			Sn	51	16.00	
BGF	3.64	330	Pn	50	38.80	0.4
			Pg	50	51.20	
			Sn	51	20.80	
TCF	3.68	322	Pn	50	39.60	0.6
			Sg	51	39.20	
AVF	3.68	337	Pn	50	39.60	0.6
			Sn	51	22.00	
			Sg	51	40.00	
LBF	3.71	344	Pn	50	39.90	0.4
LFF	3.72	296	Pn	50	39.60	0.1
			Sn	51	21.80	
EPF	3.76	356	Pn	50	38.90	-1.2
			Sg	51	40.60	
SSF	3.89	340	Pn	50	42.00	0.1
LSF	3.97	317	Pn	50	43.20	0.1
			Sg	51	48.40	
LOR	4.01	344	Pn	50	42.80	-0.8
GRC	4.22	337	ePc	50	46.80	0.2
HAU	4.63	7	Pn	50	50.60	-1.8
			Sn	51	42.80	
CTI	5.14	57	e(Pn)	51	02.50	2.8X
DOU	6.70	355	Pn	51	20.20	-1.5
S.D. = 0.8 on 22 of 24 obs.						

? MAY 28, 1985 01h 25m 01.09± 4.54s
51.664 N ±29.3km 16.266 E ±27.1km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.6 (VKA), 3.3 (GRF).

KSP	0.82	79	iPd	25	17.20	0.2
	0.3s	72.00nm				
			iS	25	26.30	
PRU	2.00	214	Pn	25	35.50	0.2
			Pg	25	37.00	
			Sn	25	53.70	
			Sg	25	59.80	
CLL	2.07	261	iPn	25	36.80	0.5
			ePg	25	39.00	
			iSg	26	04.50	
KMC	3.06	215	Pn	25	50.50	0.0
			Pg	25	56.40	
			Sg	26	34.50	
HOF	3.09	246	iPnc	25	50.80	0.1
MOX	3.10	253	ePn	25	52.00	1.1
			ePg	25	59.00	
			iSg	26	38.00	
VKA	3.40	179	ePn	25	55.00	-0.3
			iPg	26	04.90	
			iSg	26	48.20	
ZST	3.51	171	e(Pn)	26	09.50	12.7X
			e	26	28.50	
			e	26	53.00	
			e	26	58.00	
			e	27	12.60	
GRF	3.77	240	iPnc	26	00.60	0.1
			ePg	26	15.00	
			eSg	26	57.90	
FUR	4.76	225	eP	26	14.20	-0.4
TNS	5.15	257	ePn	26	19.60	-0.5
			eSn	27	43.80	
GWF	6.15	247	eP	26	32.80	-1.4
CTI	6.39	210	ePn	26	38.00	0.3
S.D. = 0.7 on 12 of 13 obs.						

• MAY 28, 1985 01h 31m 35.85± 0.94s
20.492 S ±15.6km 178.028 W ±14.5km
DEPTH = 546.8 ± 9.1 km
4.5mb (7 obs.)
FIJI ISLANDS REGION (181)

KRO	3.99	322	iPc	32	57.90	-0.2
SVA	4.07	305	eP	32	59.00	0.3
VUN	4.13	306	eP	32	58.80	-0.3
BQA	4.19	299	eP	32	57.40	-2.2
NMS	4.32	303	iPd	33	00.60	-0.1
NGA	4.40	301	eP	33	02.00	0.8
MBU	4.66	318	iP	33	03.60	0.2
SGE	4.80	306	iPc	33	05.50	0.9
			eS	34	17.60	
NDF	5.07	302	P	33	07.60	0.9
YSA	5.63	311	eP	33	11.30	-0.3
AFI	8.86	43	P	33	38.00	-5.1X
			S	35	17.00	
KOU	16.57	267	iPc	35	03.20	2.8
MNG	20.81	194	P	35	39.00	-1.5
CTA	33.46	264	iPd	37	31.00	-0.3
	0.9s	42.86nm			5.1mb	
ASPA	44.50	257	eP	39	00.00	-0.5
	1.0s	58.00nm			5.1mb	
WB2	44.56	262	eP	39	00.00	-1.0
WRA	44.57	262	Pd	38	59.90	-1.2
	0.6s	18.80nm			4.8mb	
MTN	49.14	271	iPc	39	34.40	-1.5
SBA	57.88	184	eP	40	39.40	2.4
BMN	82.86	42	eP	43	05.20	1.0
	1.1s	3.25nm			3.8mb	
ALQ	87.42	51	eP	43	26.30	-0.2
	1.0s	2.75nm			4.0mb	
COL	88.24	12	eP	43	28.00	-1.4
BDW	88.97	43	eP	43	34.00	0.4
	1.0s	2.00nm			4.0mb	
CHG	90.21	290	eP	43	41.00	1.5
CHTO	90.21	290	iP	43	40.80	1.4
	1.0s	7.50nm			4.6mb	
SOB1	128.54	121	ePKP	49	42.90	-0.1
MUD	143.69	353	ePKP	50	08.00	-1.5
	1.2s	36.00nm				
KSP	147.68	343	ePKP	50	20.00	3.7X
CLL	148.05	347	iPKPd	50	20.40	3.5X
	1.2s	29.00nm				
			i	50	24.00	
WTS	148.33	354	ePKP	50	21.50	4.2X
	0.9s	13.00nm				
			e	50	26.00	
PRU	148.92	344	PKP	50	23.00	4.7X
			e	50	28.60	
MOX	148.96	348	ePKP	50	23.00	4.7X
ENN	149.63	355	ePKP	50	25.00	5.7X
	0.9s	8.00nm				
			e	50	31.00	
UCC	149.70	357	PKP	50	26.60	7.2X
MEM	149.78	355	PKP	50	25.30	5.8X
GRF	149.95	348	iPKPc	50	26.00	6.1X
			e	50	33.00	
KHC	149.95	345	iPKPd	50	25.80	5.9X
	1.1s	16.00nm				
			i	50	33.80	
DOU	150.39	357	PKP	50	26.50	6.0X
WLF	150.70	354	PKPc	50	28.00	7.1X
S.D. = 1.3 on 26 of 39 obs.						

& MAY 28, 1985 01h 38m 06 70s
31.780 N 115.920 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.3 (PAS).

IKP	0.88	350	iPc	38	22.90	-1.1
			eS	38	35.20	
BAR	1.10	325	iPd	38	27.20	-0.6
			eS	38	40.80	
CPE	1.48	318	eP	38	33.90	0.0
GLA	1.57	36	eP	38	33.00	-2.2
SDW	2.98	341	e(P)	38	57.50	2.0
5 obs. associated						

• MAY 28, 1985 01h 41m 58.12± 1.54s
6.433 S ±18.8km 129.629 E ±12.3km
DEPTH = 97.5 ± 26.4 km
4.4mb (2 obs.)
BANDA SEA (280)

AAI	3.08	332	eP	43	12.50	26.8X
TLE	3.20	76	iPc	42	47.20	-0.2
MTN	6.54	167	iPc	43	37.10	3.6X
KUPT	7.01	238	ePc	43	40.70	0.8
			eS	44	45.50	
KNA	9.30	185	iPc	44	09.70	-1.4
WRA	14.19	162	Pd	45	16.70	0.8
	0.2s	5.50nm			4.4mb	
WB2	14.19	162	eP	45	16.30	0.4
			iS	47	37.00	
MBL	17.44	212	eP	45	53.00	-3.7X
ASPA	17.62	167	eP	46	01.00	2.0X
WBN	19.81	188	eP	46	24.00	0.5
	0.4s	7.00nm			4.3mb	
NAU	21.03	219	eP	46	35.00	-0.9
CTA	21.09	132	eP	46	52.00	15.5X
S.D. = 1.2 on 7 of 12 obs.						

• MAY 28, 1985 03h 48m 13.60± 2.91s
28.240 S ±10.7km 74.226 W ±27.1km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

JACH	5.43	146	iPc	49	33.70	-0.7
ROCH	5.47	150	iPc	49	35.10	0.0
			iS	50	05.70	
RTCB	5.72	126	eP	49	38.80	0.3
			S	50	18.50	
PEL	5.76	149	iPc	49	38.60	-0.5
			iS	50	12.00	
ZON	5.84	126	eP	49	31.00	-9.2X
RTLL	5.87	123	ePd	49	41.20	0.5
BACH	6.02	149	iPd	49	42.40	-0.4
SAN	6.03	150	eP	49	44.30	1.4
TACH	6.09	153	iP	49	44.50	0.8
			i(S)	50	30.00	
FCH	6.10	147	iP	49	44.40	0.3
			iS	50	23.90	
RTCV	6.11	128	ePd	49	44.50	0.5
CFA	6.19	124	ePd	49	45.30	0.2
			S	50	29.90	
LNV	6.19	158	iP	49	48.50	3.5X
			iS	50	39.50	
PCH	6.24	150	iP	49	45.80	-0.1
			iS	50	24.50	
CHCH	6.45	153	iPd	49	49.20	0.4
MDZ	6.55	136	eP	49	49.40	-0.8
			i	49	57.70	
			iS	50	36.70	
CYA	7.43	94	iPc	50	16.00	13.4X
			S	51	26.50	
RFA	8.16	144	ePc	50	10.70	-2.0
SLA	8.57	68	e(P)	50	16.80	-1.7
TCA	8.92	113	ePc	50	24.10	0.8
			S	50	39.10	
YJA	9.94	55	eP	50	38.80	1.1
			S	51	07.20	
VBA	14.17	137	ePc	51	30.50	-3.5X
BAO	27.31	68	e(P)	54	20.10	22.6X
S.D. = 1.0 on 18 of 23 obs.						

MAY 28, 1985 04h 00m 10.71± 0.44s
31.717 S ± 6.4km 139.355 E ± 4.9km
DEPTH = 33.0km (normal)
4.5mb (8 obs.)
SOUTH AUSTRALIA (592)

PNA	1.05	254	iPd	00	31.00	1.8
STK	1.91	96	iPd	00	44.20	2.6
CMS	5.53	89	iPd	01	33.10	0.3

eS 02 25.00
BFD 6.05 155 eP 01 40.00 -0.2
TOO 7.72 141 iPc 02 03.10 -0.6
eS 03 30.00
e 04 12.00
YOU 8.00 111 eP 02 07.40 -0.2
eS 03 34.10
CAN 8.82 117 iPd 02 18.30 -0.6
eS 03 55.40
WAM 9.09 122 iPd 02 21.20 -1.3
ASPA 9.36 328 eP 02 27.00 0.6
eS 04 05.00
RMO 9.73 60 eP 02 31.00 -0.5
ISO 10.96 1 eP 02 49.00 0.7
eS 04 48.00
WBN 12.49 293 eP 03 08.00 -1.0
0.3s 3.00nm 4.9mb
eS 05 20.00
WB2 12.56 338 iPc 03 09.00 -0.9
eS 05 26.70
WRA 12.56 338 Pc 03 08.90 -1.0
0.5s 5.80nm 4.9mb
CTA 13.13 30 iPc 03 17.70 0.2
0.6s 6.67nm 4.8mb
MEK 18.86 280 eP 04 29.00 -1.7
0.4s 11.00nm 4.4mb
eS 07 49.00
MUN 19.66 263 iPc 04 40.00 0.2
0.5s 7.00nm 4.2mb
MRWA 20.28 271 eP 04 47.00 0.7
0.4s 3.00nm 4.0mb
eS 08 20.00
MBL 20.37 296 eP 04 48.00 0.8
0.3s 2.00nm 3.9mb
NAU 23.07 287 eP 05 17.50 3.2X
PKI 78.21 313 eP 12 12.90 3.9X
KKN 78.44 313 eP 12 14.50 4.3X
0.5s 3.00nm 4.6mb
S.D. = 1.1 on 19 of 22 obs.

? MAY 28, 1985 04h 04m 35.80± 1.32s
9.017 S ±42.1km 67.106 E ±34.5km
DEPTH = 10.0km (geophysicist)
4.6mb (1 obs.)
MID-INDIAN RISE (429)

GBA 24.70 25 Pc 09 58.30 -0.2
0.9s 14.20nm 4.6mb
MTD 35.43 254 eP 11 35.00 0.5
KRI 37.30 254 eP 11 50.00 -0.4
BUL 38.76 249 eP 12 02.80 0.2
SLR 40.42 241 eP 12 17.00 0.7
CHG 41.84 49 eP 12 28.00 0.2
BFS 42.04 240 e(P) 12 28.50 -1.1
RLO 148.46 332 ePKP 24 35.10 14.0X
TUL 149.02 332 ePKP 24 37.30 15.3X
0.6s 4.90nm
BHO 149.81 329 e(PKP)24 39.50 16.3X
S.D. = 0.7 on 7 of 10 obs.

MAY 28, 1985 04h 36m 23.56± 0.73s
35.638 N ± 4.3km 23.654 E ± 3.3km
DEPTH = 18.3 ± 5.3 km
4.7mb (43 obs.)
CRETE (370)
ML 4.3 (ATH).

NPS 1.64 103 iPnc 36 54.00 2.3
eSg 37 20.00
ATH 2.33 1 ePn 37 02.00 0.4
eSn 37 32.00
eSg 37 40.00
VLS 3.53 317 ePn 37 20.50 1.9
PRK 4.16 29 ePn 37 27.00 -0.6
ePg 37 43.00
PAIC 4.28 0 ePnc 37 29.00 -0.3
eSn 38 22.10
LIT 4.55 349 ePn 37 33.10 0.0
eSn 38 30.30
KZN 4.89 343 ePn 37 39.00 1.0
SOH 5.18 357 ePnc 37 42.20 0.1
GRG 5.40 350 ePn 37 45.20 0.0
SRS 5.47 360 ePn 37 47.10 0.9
KNT 5.55 354 ePnc 37 47.30 0.1
eSn 38 53.90
VAY 5.74 352 iPn 37 50.00 0.1
OHR 5.91 339 iPn 37 52.30 0.0

MMB 5.94 1 iPd 37 53.00 0.2
KDZ 6.14 12 iP 37 55.00 -0.5
SKO 6.56 345 iPn 38 02.50 1.0
i 38 20.50
i 39 25.50
DIM 6.57 13 eP 38 01.00 -0.7
VTS 6.96 357 iPc 38 08.00 0.9
BRT 7.29 318 IPnd 38 09.60 -2.0
eSn 39 30.00
PVY 7.51 339 ePn 38 14.50 -0.4
eSn 39 37.00
PVL 7.59 8 eP 38 15.00 -0.9
TTG 7.59 335 ePn 38 14.20 -1.7
eSn 39 34.50
HCY 7.89 331 ePn 38 17.50 -2.6X
eSn 39 41.00
CSS 7.94 92 eP 38 21.00 0.1
GIB 8.08 290 ePn 38 21.00 -1.9
SGO 8.21 309 iPnd 38 23.50 -1.1
iSn 39 56.00
BRY 8.26 333 ePn 38 24.50 -1.0
eSn 39 52.00
HLW 8.67 130 eP 38 29.00 -1.9
eS 40 05.00
DUI 9.37 313 iPnc 38 39.00 -1.6
iSn 40 23.00
CLO 9.45 356 ePd 38 42.00 0.3
CRI 9.89 104 eP 38 46.00 -1.8
eS 40 39.50
MLR 9.99 9 ePd 38 53.00 3.6X
BHL 10.02 96 Pn 38 48.00 -1.7
Sn 40 35.00
JER 10.36 109 eP 38 51.50 -2.8X
eS 40 44.00
RMN 10.53 116 eP 38 55.00 -1.7
CEY 12.27 328 eP 39 17.20 -3.0X
i 39 22.40
iS 41 26.20
LJU 12.47 329 eP 39 19.10 -3.7X
eS 41 32.00
VOY 12.73 328 eP 39 22.80 -3.6X
eS 41 32.00
CVF 13.40 306 eP 39 34.70 -0.5
0.8s 16.70nm 5.1mb X
KBA 13.79 329 eP 39 37.50 -3.0X
0.6s 11.60nm 4.9mb
i 39 47.10
i 39 53.00
i 42 07.80
CTI 13.79 323 ePn 39 35.00 -5.5X
eSn 42 01.50
SAL 14.07 319 ePn 39 49.00 5.0X
eSn 42 16.00
OSS 14.99 322 eP 39 56.90 0.7
LMR 15.29 305 eP 40 00.80 0.8
FRF 15.29 306 eP 40 01.10 1.1
0.7s 11.40nm 4.3mb
KHC 15.38 334 iP 40 01.60 0.4
0.9s 49.00nm 4.8mb
i 40 06.80
LRG 15.44 306 eP 40 02.60 0.7
0.8s 19.50nm 4.4mb
FUR 15.52 328 iPd 40 07.80 4.9X
0.8s 38.00nm 4.7mb
LLS 15.70 320 eP 40 06.40 0.9
MMK 15.76 316 eP 40 04.70 -1.6
SAX 15.77 322 eP 40 07.10 0.6
PRU 15.80 338 Pd 40 10.60 4.0X
1.1s 25.00nm 4.3mb
DIX 16.09 315 eP 40 10.40 -0.1
KSP 16.10 343 iP 40 15.10 4.7X
ic 40 21.10
EMS 16.36 315 eP 40 12.80 -1.1
ZUL 16.41 321 eP 40 14.30 -0.1
SLE 16.55 322 eP 40 16.70 0.6
GRF 16.72 331 iPnc 40 20.90 2.6X
Z 20s 0.20um
e 40 26.10
BUH 17.29 324 eP 40 25.90 0.4
MOX 17.35 334 eP 40 28.00 1.9
CLL 17.44 337 eP 40 29.00 1.8
1.5s 47.00nm 4.4mb
GWF 17.79 323 eP 40 33.20 1.5
TNS 18.29 328 ePc 40 38.80 1.0
LBF 18.57 314 eP 40 39 10 -2.3
0.9s 31.80nm 4.5mb
LOR 18.79 314 eP 40 42.30 -1.7

0.8s 22.80nm 4.4mb
CAF 18.86 306 eP 40 44.00 -0.9
1.0s 20.00nm 4.3mb
SSF 18.89 313 eP 40 42.80 -2.4X
0.8s 32.70nm 4.6mb
MLS 18.90 300 eP 40 45.50 0.1
WLF 18.97 323 P 40 47.90 1.9
BGF 19.04 311 eP 40 45.70 -1.4
0.7s 17.30nm 4.4mb
MZF 19.05 310 eP 40 46.30 -0.9
0.7s 7.10nm 4.0mb
GRC 19.26 314 iPc 40 49.70 0.0
TCF 19.32 310 eP 40 49.10 -1.3
0.9s 10.60nm 4.1mb
LPO 19.35 305 eP 40 50.80 -0.1
0.8s 16.10nm 4.3mb
RJF 19.36 307 eP 40 50.30 -0.6
1.0s 8.00nm 3.9mb
EPF 19.45 299 eP 40 52.80 0.8
0.7s 6.60nm 4.0mb
MEM 19.67 325 Pc 40 55.20 0.9
LSF 19.73 309 eP 40 53.30 -1.7
0.8s 24.80nm 4.6mb
LFF 19.74 305 eP 40 54.90 -0.3
0.8s 24.80nm 4.6mb
ENN 19.81 325 eP 40 55.50 -0.3
0.8s 60.00nm 5.0mb
e 41 00.50
DOU 20.01 322 Pc 40 57.60 -0.3
0.7s 166.70nm 5.5mb
WTS 20.29 329 eP 41 01.50 0.7
1.0s 37.00nm 4.7mb
e 41 05.50
UCC 20.58 323 P 41 04.30 0.5
MFF 20.93 309 eP 41 07.40 -0.1
0.9s 63.50nm 5.0mb
WIT 20.96 330 eP 41 08.50 0.9
LGR 21.38 296 e(P) 41 14.00 1.9
COP 21.47 342 eP 41 12.00 -0.9
0.7s 52.05nm 5.1mb
LDF 21.77 314 eP 41 15.60 -0.4
FLN 22.06 314 eP 41 18.30 -0.5
LPF 22.07 312 eP 41 18.50 -0.4
GRR 22.11 313 eP 41 19.00 -0.4
0.6s 34.60nm 5.0mb
IR2 22.12 82 eP 41 21.00 1.3
TOL 22.27 289 eP 41 20.00 -1.0
MUD 23.03 339 iPd 41 30.50 2.2
0.6s 28.00nm 5.0mb
UPP 24.55 353 iP 41 42.60 -0.4
NUR 24.90 1 eP 41 48.00 1.6
Z 17s 0.20um 3.7Mszx
e 1 58.00
LR 52 40.00
HFS 25.35 348 eP 41 49.10 -1.6
0.5s 12.40nm 4.8mb
NB2 26.64 346 P 42 02.20 -0.5
0.5s 4.90nm 4.4mb
EKA 26.94 325 Pc 42 05.40 -0.1
0.8s 41.00nm 5.1mb
SUF 27.15 3 eP 42 06.00 -1.3
DLE 27.55 319 eP 42 10.80 -0.2
0.8s 60.00nm 5.4mb
DCN 27.97 319 eP 42 14.80 0.0
1.0s 80.00nm 5.4mb
KJF 28.70 4 eP 42 13.00 -8.3X
0.6s 7.80nm 4.6mb
i 42 20.20
BNG 31.41 190 iPd 42 47.10 1.3
0.5s 26.00nm 5.4mb
id 43 06.10
SOD 31.82 2 iP 2 47.40 -1.5
KEV 34.22 2 eP 43 09.00 -0.8
OUE 36.53 86 eP 43 31.00 0.9
KIC 39.10 229 eP 43 51.90 0.4
DAG 45.33 347 iPd 44 40.80 -0.9
0.5s 2.82nm 4.5mb
NDI 45.41 83 eP 44 43.00 0.1
0.6s 30.00nm 5.4mb
DMN 52.20 81 eP 45 36.00 0.1
0.6s 48.00nm 5.6mb
KKN 52.27 80 eP 45 35.90 -0.4
0.6s 32.00nm 5.4mb
PKI 52.46 80 eP 45 37.80 -0.1
0.9s 46.00nm 5.4mb
GBA 52.88 100 Pc 45 41.20 0.6
0.7s 33.60nm 5.4mb

28d 04h

SCH	62.00	319	ePd	46 44.00	-0.7	
MBC	65.95	351	eP	47 09.00	-1.1	
CHG	67.55	82	eP	47 21.00	-0.2	
CHTO	67.55	82	iP	47 21.00	-0.2	
	1.0s		7.50nm		4.8mb	
OTT	71.45	313	eP	47 46.00	1.4	
NNT	71.52	88	eP	47 45.80	0.2	
INK	74.98	351	eP	48 04.00	-0.9	
SOB1	75.32	217	eP	48 09.10	1.4	
			e	48 21.10		
YKC	76.59	341	eP	48 09.00	-5.1X	
YKA	76.61	341	eP	48 14.80	0.5	
IMA	78.60	359	eP	48 25.80	0.5	
FFC	78.63	331	iPd	48 26.40	0.9	
	0.8s		13.00nm		5.0mb	
PWA	82.91	357	eP	48 48.90	0.9	
EDM	83.96	336	ePd	48 54.70	1.0	
RSSD	87.49	325	eP	49 03.40	-8.1X	
	0.9s		3.78nm		4.7mb	
RLO	88.60	315	eP	49 17.90	1.2	
TUL	89.22	315	eP	49 20.80	1.1	
	0.8s		5.80nm		4.9mb	
NEW	89.43	335	eP	49 21.00	0.5	
BMO	89.75	313	eP	49 23.80	1.6	
WRA	117.87	95	PKP	55 12.00	1.1	
	0.6s		2.30nm			
WB2	117.87	95	ePKP	55 10.70	-0.2	
	S.D. = 1.1		on 118 of 135 obs.			

* MAY 28, 1985 05h 40m 58.40± 1.00s
31.427 S ±12.7km 67.998 W ± 7.9km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.27	229	ePd	41 05.20	-0.7	
			S	41 10.00		
RTLL	0.41	283	iPd	41 08.70	0.9	
			S	41 16.50		
RTCV	0.63	227	e(P)	41 11.00	0.1	
RTCB	0.69	265	e(P)	41 11.00	-0.7	
MDZ	1.62	206	eP	41 28.00	2.9X	
			iS	41 52.10		
TCA	2.92	89	ePd	41 43.40	-0.2	
			S	42 23.90		
RFA	3.36	187	eP	41 50.50	0.6	
			S	42 41.20		
	S.D. = 0.9		on 6 of 7 obs.			

& MAY 28, 1985 05h 45m 09.93s
60.152 N 151.447 W
DEPTH = 42.2km
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

BRLK	0.48	144	iP	45 20.10	-0.5	
			eS	45 27.49		
HOM	0.51	191	iPd	45 21.00	0.2	
NKA	0.60	10	iP	45 23.38	1.3	
CNPM	0.64	170	ePd	45 22.10	-0.6	
RDT	0.64	312	iP	45 22.36	-0.3	
			eS	45 31.54		
ILM	0.69	273	iP	45 22.94	-0.4	
			eS	45 33.42		
SLKM	0.71	59	iP	45 22.33	-1.3	
RED	0.71	293	iPc	45 23.30	-0.5	
SEW	1.00	92	eP	45 26.36	-1.3	
			eS	45 41.45		
OPT	1.03	242	iPc	45 27.50	-0.6	
SPU	1.08	344	iP	45 28.08	-0.7	
			eS	45 42.57		
MPA	1.09	71	iP	45 27.82	-1.1	
			eS	45 43.44		
CRP	1.17	343	iP	45 29.66	-0.6	
CGLM	1.19	347	eP	45 29.80	-0.7	
			eS	45 46.14		
AUL	1.27	233	eP	45 31.10	-0.4	
AUH	1.28	233	eP	45 31.36	-0.4	
AUI	1.30	232	iP	45 31.03	-0.8	
SUA	1.36	14	eP	45 32.15	-0.8	
			eS	45 51.08		
PTE	1.40	58	iP	45 32.02	-1.2	
PWS	1.44	39	eP	45 33.22	-0.7	
CDD	1.66	223	eP	45 36.70	-0.4	
PWA	1.69	26	eP	45 36.85	-0.6	
SKT	1.84	159	eP	45 39.31	-0.2	
			eS	46 02.70		
PLRM	1.84	37	iP	45 38.07	-1.4	
KNK	1.94	48	eP	45 39.38	-1.6	
GHO	2.04	36	iP	45 41.09	-1.4	
			eS	46 10.66		
MSE	2.08	34	eP	45 41.27	-1.9	
			eS	46 05.14		
CFI	2.09	59	iP	45 40.82	-2.2	
SML	2.25	41	eP	45 43.70	-1.8	
SVW	2.27	297	eP	45 44.01	-1.8	
GLI	2.27	69	eP	45 42.60	-3.2	
TTV	2.32	65	eP	45 44.01	-2.4	
KDC	2.47	193	eP	45 46.20	-2.4	
HIN	2.48	82	eP	45 45.44	-3.3	
FID	2.53	74	iP	45 45.56	-3.9	
			eS	46 13.53		
VZW	2.58	67	iP	45 47.07	-3.1	
SCM	2.62	48	eP	45 48.88	-1.9	
VLZ	2.70	66	eP	45 49.05	-2.8	
KLU	3.02	61	iP	45 53.87	-2.7	
TOA	3.22	50	eP	45 57.55	-1.8	
KMP	3.43	64	eP	45 59.13	-3.2	
COL	5.06	18	eP	46 23.00	-2.2	
			eS	47 25.00		
INK	11.25	36	eP	47 47.00	-3.9	
YKA	17.68	66	eP	49 12.40	-1.8	
	44 obs. associated					

* MAY 28, 1985 06h 01m 32.30± 0.85s
4.984 S ± 8.4km 30.636 E ±12.0km
DEPTH = 10.0km (geophysicist)
LAKE TANGANYIKA REGION (572)

NAI	7.18	59	eP	03 20.00	-0.1	
	0.8s		29.85nm		5.5mb	
MTD	11.76	176	iPn	04 24.00	0.7	
			eSn	06 29.00		
			iLg	07 36.00		
KRI	11.81	185	iPn	04 24.00	-0.1	
			iLg	07 39.00		
BUL	15.20	187	iPn	05 08.20	-0.7	
			eSn	07 47.10		
			i	09 31.00		
BNG	15.28	308	iPc	05 09.90	0.1	
	1.0s		35.00nm		4.7mb	
			id	08 08.10		
			id	09 38.20		
	S.D. = 0.7		on 5 of 5 obs.			

MAY 28, 1985 06h 45m 25.72± 0.82s
36.209 N ± 4.9km 71.206 E ± 3.6km
DEPTH = 99.2 ± 8.9 km
4.8mb (23 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

KSH	4.98	48	P	46 40.00	0.4	
			S	47 34.00		
QUE	6.98	212	eP	47 09.00	1.7	
			eS	48 27.00		
DDI	8.20	134	eP	47 23.00	-0.8	
			eS	48 50.00		
NDI	9.06	144	eP	47 33.00	-2.4	
			iS	49 10.00		
MHI	9.46	274	iPd	47 36.00	-5.0X	
	0.6s		66.67nm		5.7mb X	
			eSn	49 14.00		
AJM	10.27	164	eP	47 51.00	-0.6	
			iS	49 40.00		
DMN	14.58	122	eP	48 45.00	-3.5X	
KKN	14.58	121	eP	48 44.50	-4.0X	
PKI	14.81	122	eP	48 47.80	-3.7X	
IR2	16.46	274	eP	49 13.00	0.9	
POO	17.76	172	iPd	50 08.00	39.9X	
HYB	19.82	159	eP	49 50.00	-0.9	
			eS	53 20.00		
GTA	22.79	73	P	50 21.60	1.1	
GBA	23.19	164	Pc	50 27.80	3.4X	
	0.7s		16.90nm		4.5mb	
LZH	26.29	81	eP	50 55.00	1.2	
CD2	27.56	92	Pd	51 07.00	1.8	
CHG	29.94	118	eP	51 29.00	2.5X	
CHTO	29.94	118	iP	51 28.50	2.0	
	1.0s		5.25nm		4.2mb	
BTO	30.56	70	eP	51 32.00	0.1	
XAN	30.80	83	P	51 33.40	-0.6	
HHC	31.71	69	eP	51 42.00	0.8	
TIY	32.79	75	eP	51 52.00	0.6	
MLR	35.07	300	eP	52 12.50	1.5	
BJI	35.30	70	eP	52 13.00	0.2	
NUR	38.16	324	eP	52 29.00	-7.6X	
			e	52 36.00	24kmX	
KJF	38.22	331	iP	52 36.80	-0.3	
	0.7s		10.70nm		4.9mb	
SUF	38.26	328	iP	52 36.80	-0.6	
	0.5s		8.30nm		4.9mb	
SOD	40.07	335	iP	52 52.20	-0.1	
KEV	41.13	338	eP	53 01.00	0.0	
UPP	41.40	322	iP	53 03.00	-0.3	
PRU	42.60	307	eP	53 14.00	0.7	
			ePP	54 48.50		
BRG	42.93	309	iPc	53 17.00	1.0	
	1.5s		25.00nm		4.8mb	
KHC	43.29	306	P	53 20.00	1.1	
HFS	43.40	322	eP	53 19.00	-0.6	
	0.6s		22.10nm		5.2mb	
Z	19s		0.27um		4.2Msz	
			LR	21 30.00		
CLL	43.50	309	iPc	53 20.50	-0.1	
	1.6s		19.00nm		4.7mb	
MOX	44.42	308	eP	53 29.00	0.9	
NB2	44.71	323	P	53 29.10	-1.2	
	0.6s		15.70nm		5.0mb	
CTI	44.97	302	eP	53 32.80	0.2	
OSS	45.89	303	eP+	53 40.00	0.0	
SAX	46.34	304	eP+	53 43.70	0.1	
LLS	46.64	303	eP+	53 45.60	-0.3	
CDF	47.52	306	eP	53 53.00	0.4	
DIX	47.87	303	eP+	53 55.50	-0.1	
BSF	47.94	305	eP	53 55.70	-0.2	
	0.6s		10.60nm		4.9mb	
EMS	48.20	303	eP+	53 57.90	-0.1	
HAU	48.20	305	eP	53 57.50	-0.3	
LBF	49.98	304	eP	54 11.00	-0.5	
	1.0s		5.50nm		4.5mb	
SMF	50.15	304	eP	54 12.50	-0.3	
	0.8s		9.40nm		4.9mb	
SSF	50.28	305	eP	54 13.20	-0.5	
	1.2s		11.90nm		4.8mb	
AVF	50.45	304	eP	54 14.80	-0.2	
	0.6s		6.50nm		4.8mb	
MZF	51.10	304	eP	54 20.00	0.0	
	0.9s		6.60nm		4.7mb	
TCF	51.33	304	eP	54 21.60	-0.2	
	1.0s		5.50nm		4.5mb	
LDF	52.29	307	eP	54 27.20	-1.7	
GRR	52.81	307	eP	54 32.20	-0.5	
MAT	52.91	68	eP	54 32.00	-1.6	
	1.0s		12.00nm		4.9mb	
LPF	53.02	307	eP	54 33.70	-0.6	
DAG	55.08	344	iPd	54 47.70	-1.3	
	0.7s		17.81nm		5.2mb	
BNG	57.71	250	iPc	55 08.20	-0.2	
	0.9s		9.00nm		4.8mb	
			id	55 37.80	123kmX	
ALE	59.36	354	eP	55 19.00	-0.1	
	0.7s		4.00nm		4.7mb	
MTD	64.66	223	iPd	55 56.00	0.8	
KRI	65.79	224	iPd	56 02.00	-0.5	
MBC	67.62	3	eP	56 13.00	-0.2	
BUL	69.02	223	iPd	56 23.80	1.1	
INK	74.18	9	ePc	56 52.40	-0.2	
COL	74.70	16	eP	56 55.00	-0.7	
	0.8s		16.42nm		4.9mb	
KIC	74.94	267	eP	56 57.20	-0.7	
YKA	81.53	3	eP	57 33.60	0.6	
YKC	81.55	3	eP	57 34.00	0.9	
	0.7s		12.00nm		4.8mb	
WRA	81.70	122	Pd	57 34.40	-0.1	
	0.7s		1.70nm		4.0mb	
FFC	89.24	356	ePc	58 11.50	0.1	
	1.0s		12.00nm		5.0mb	
EDM	90.85	3	eP	58 19.00	0.0	
	S.D. = 0.9		on 63 of 71 obs			

? MAY 28, 1985 07h 05m 40.26± 1.13s
32.774 S ±13.4km 178.912 W ±21.7km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ	6.37	202	eP	07 15.00	0.8	
			eS	08 30.00		
KRP	6.85	220	P	07 23.00	2.0	
			(S)	08 50.00		
CRZ	7.21	254	P	07 43.00	17.0X	
MNG	9.03	208	eP	07 49.00	-2.3	

```
                S      09 31.00
CTA    33.50 283 iPc    12 20.10   1.3
       0.8s     13.06nm          4.9mb
ASPA   42.27 270 eP     13 32.00  -0.4
WRA    43.47 275 Pc     13 41.50  -0.7
       0.6s      8.60nm          4.7mb
SBA    45.62 184 e(P)   14 04.20   5.5X
WBN    47.49 263 eP     14 13.00  -1.2
       0.6s      9.00nm          5.0mb
SPA    57.40 180 eP     15 36.20   8.4X
       1.0s      9.00nm          4.8mb
KJF   144.49 340 ePKP   25 08.00  -6.0X
SUF   146.08 340 iPKP   25 12.50  -4.2X
       0.6s     26.00nm
BNG   147.42 214 iPKPc  25 20.20  -0.2
       0.7s     10.00nm
NUR   148.24 338 iPKP   25 19.10  -1.1
       0.8s     17.60nm
                i      25 32.00
UPP   150.77 343 iPKP   25 27.80   3.7X
NB2   150.96 350 PKP    25 25.20   0.8
       1.0s      9.80nm
HFS   151.39 347 ePKP   25 26.00   1.0
       0.7s      3.40nm
CLL   159.52 338 iPKPc  26 10.40  34.5X
BRG   159.59 336 iPKP   26 10.90  34.9X
       1.0s     12.00nm
                i      26 18.00
     S.D. = 1.4  on  11 of  19 obs.

& MAY 28, 1985  07h 54m 37.77s
   58.638 N          151.138 W
   DEPTH =   2.6km
 KODIAK ISLAND REGION              ( 13)
      <AGS-P>.

CNPM    0.89 357 eP     54 53.50  -2.1
HOM     1.06 346 eP     54 57.40  -0.9
BRLK    1.14   6 eP     54 57.67  -2.1
                eS     55 13.70
KDC     1.14 219 eP     54 57.80  -2.0
CDD     1.34 284 eP     55 00.50  -2.7
AUI     1.38 301 eP     55 02.21  -1.6
AUH     1.40 302 eP     55 02.79  -1.5
AUL     1.40 303 eP     55 03.00  -1.3
OPT     1.48 314 eP     55 04.30  -1.2
SEW     1.71  30 iP     55 06.67  -1.9
                eS     55 32.11
ILM     1.77 332 eP     55 08.17  -1.4
SLKM    1.93  14 iP     55 10.23  -1.7
                eS     55 37.95
RED     1.97 336 eP     55 10.20  -2.3
RDT     2.05 342 eP     55 11.80  -1.8
                eS     55 39.63
MPA     2.07  25 eP     55 11.62  -2.2
NKA     2.11 359 eP     55 14.65   0.2
PTE     2.48  25 iP     55 17.65  -2.0
SPU     2.59 350 iP     55 19.49  -1.9
                eS     55 55.20
CRP     2.69 349 eP     55 21.23  -1.7
CGLM    2.71 351 eP     55 21.49  -1.7
PMS     2.73  16 iP     55 21.49  -1.9
SUA     2.84   4 eP     55 23.32  -1.8
HIN     2.95  51 eP     55 24.33  -2.1
GLI     3.04  41 eP     55 25.03  -2.7
CFI     3.07  32 iP     55 25.41  -2.6
PWA     3.09  11 eP     55 27.12  -1.2
KNK     3.09  25 iP     55 25.94  -2.5
PLRM    3.13  18 eP     55 26.45  -2.5
PMR     3.13  18 eP     55 26.00  -2.9
FID     3.17  46 eP     55 26.20  -3.4
GHO     3.33  18 eP     55 29.77  -2.2
VZW     3.35  42 eP     55 29.53  -2.7
SVW     3.35 320 eP     55 30.62  -1.6
MSE     3.39  18 eP     55 30.46  -2.3
SML     3.47  23 eP     55 31.72  -2.2
VLZ     3.48  42 eP     55 31.66  -2.3
SGAM    3.55  56 eP     55 32.73  -2.2
SCM     3.73  29 eP     55 35.74  -1.8
KLU     3.88  40 iP     55 37.33  -2.4
KMP     4.20  44 iP     55 41.82  -2.5
TOA     4.26  33 eP     55 43.44  -1.7
TTA     4.92 333 eP     55 52.00  -2.5
COL     6.48  13 eP     56 13.00  -3.4
                i      56 17.30
INK    12.43  32 eP     57 40.00   1.7
YKA    18.19  62 eP     58 56.30   3.6

        45 obs  associated

& MAY 28, 1985  07h 56m 45.80s
   39.510 N          119 478 W
   DEPTH =   5.0km  (geophysicist)
   3.5mb (  1 obs.)
 NEVADA                            ( 37)
      <BRK>. ML 4.3 (BRK). Felt (IV)
      at Virginia City and Silver
      City. Also felt (IV) at
      Blairsden and Sattley,
      California. Felt (III) at
      Dayton, Sparks and Wadsworth,
      Nevada. Also felt at Reno,
      Carson City and Lockwood,
      Nevada.

WCN     0.29 227 P      56 51.80   0.0
MNA     1.49 136 iPc    57 13 30  -0.1
ORV     1.56 272 iPc    57 14.70   0.4
JAS1    1.74 205 iPd    57 17.00   0.1
                eS     57 39.30
MIN     1.84 298 iPc    57 18.75   0.4
BMN     1.96  61 P      57 19.80  -0.4
GAS     2.51 274 P      57 28.30   0.3
FRI     2.52 184 ePd    57 28.80   0.7
WDC     2.58 295 eP     57 28.70  -0.3
                iS*    58 08.30
ZSP     2.68 235 e(P)   57 31.00   0.7
ARN     2.69 217 P      57 30.80   0.2
BKS     2.70 234 eP     57 33.60   2.9
                e      57 35.50
                eS     58 09.50
EUR     2.71  89 iP     57 31.50   0.4
BRK     2.72 234 eP     57 31.50   0.5
                eS     58 09.50
MHC     2.75 219 ePd    57 31.80   0.3
SLD     2.79 210 P      57 31.70  -0.3
PCC     3.04 230 eP     57 35.00  -0.4
SAO     3.15 210 iPd    57 36.60  -0.4
PRI     3.49 196 eP     57 44.10   2.1
PRS     3.51 206 e(P)   57 41.80  -0.3
LRM     8.16  37 ePn    58 50.50   2.6
GOL    10.89  85 eP     59 30.00   4.4
ALQ    11.33 110 eP     59 41.80  10.1
RSSD   12.40  63 eP     59 45.20  -0.9
EDM    14.34  15 eP     00 18.70   7.2
TUL    19.07  93 eP     01 12.80   1.3
       1.0s     3.20nm          3.5mb
RLO    19.58  92 e(P)   01 15.80  -1.9
YKC    23.20   6 eP     01 49.00  -5.1
YKA    23.20   6 eP     01 49.10  -5.1
       29 obs. associated

   MAY  28, 1985  08h 33m 56.72± 0.63s
   36.548 N ± 4.2km   71.084 E ± 3.4km
   DEPTH = 211.1 ±  6.9 km
   4.8mb ( 51 obs.)
 AFGHANISTAN-USSR BORDER REGION  (717)

DUE     7.22 210 iP     35 41.90   1.1
                eS     37 02.50
MHI     9.35 272 eP     36 07.00  -1.3
                eSn    37 50.00
NDI     9.39 145 iP     36 08.00  -0.8
                iS     37 46.00
AJM    10.62 164 iP     36 25.00   0.4
                iS     38 07.00
DMN    14.84 123 eP     37 18.00   0.0
KKN    14.85 122 eP     37 16.40  -1.6
PKI    15.07 122 eP     37 20.80  -0.1
IR2    16.34 273 eP     37 39.00   2.9X
SHI    16.99 251 eP     37 44.00   0.3
HYB    20.17 159 eP     38 20.00   3.5X
SHL    20.87 116 iP     38 26.00   2.5X
                iS     42 05.00
GBA    23.55 164 Pd     38 51.30   2.0
       0.3s     5.80nm          4.7mb
CHG    30.18 118 iPc    39 50.00   0.7
       0.6s     6.67nm          4.5mb
CHTO   30.18 118 iP     39 50.60   1.3
       1.0s     7.00nm          4.3mb
BDT    31.28 120 eP     40 04.50   5.7X
       1.0s    80.00nm          5 4mb
LOE    33.10 117 eP     40 15.00   0.4
MLR    34.82 299 ePd    40 30.00   0.8
BJI    35.28  70 eP     40 33.50   0.6

VAY    37.65 293 eP     40 53 60   0.8
NUR    37.83 324 iPc    40 54.20   0.2
       0.8s    140.80nm          5.6mb
                i      52 20.20
KJF    37.88 331 iP     40 54 20  -0 2
       0.9s     77.70nm          5 3mb
SUF    37.92 328 iPc    40 54.90   0 1
       0.8s     88.60nm          5 4mb
JOS    38.45 304 iPd    41 00.70   1 3
SOD    39.72 335 iPc    41 10 10   0 5
                i      42 40.30
ZST    40.76 304 e(P)   41 19.50   1 2
KEV    40.78 338 iP     41 18.20   0 6
       0.8s     57.20nm          5.1mb
UPP    41.08 322 iPc    41 20.60  -0.1
KSP    41.16 308 eP     41 21.50  -0.1
                e      42 59.00
PRU    42.32 307 Pc     41 31.50   0.5
       1.5s     43.30nm          4.7mb
                PP     43 12.80
BRG    42.65 308 iPc    41 34.00   0.3
       1.1s     66.00nm          5.0mb
                i      41 41.00
                i      43 18.00
LJU    42.73 301 e(P)   41 35.50   1.1
                e      43 19.50
KHC    43.01 306 iPc    41 37.50   0.8
       1.0s     17.50nm          4.5mb
                e      42 15.00
                e      43 19.50
HFS    43.07 322 iPc    41 36.70  -0.3
       0.7s    141.70nm          5.6mb
VOY    43.17 301 ePc    41 37.30  -0.8
                e      43 21.90
CLL    43.21 309 iPc    41 38.10  -0.2
       1.6s     55.00nm          4.8mb
                e      41 56.00
TRI    43.31 301 eP     41 39.50   0.4
KBA    43.40 303 iPc    41 40.10   0.0
       1.5s     30.40nm          4.6mb
                e(pP)  43 27.00 613kmX
                i      43 29.50
COP    43.45 315 iPc    41 50.20  10.1X
       0.9s    131.09nm
DUI    43.57 295 eP     41 43.00   1.8
BHG    43.63 304 iPd    41 39.70  -2.0
MOX    44.14 308 iPc    41 46.00   0.3
       1.4s     57.00nm          4.9mb
NB2    44.38 323 P      41 46.60  -0 9
       0.8s    112.10nm          5 4mb
GRF    44.49 307 iPc    41 49.70   0 2
       1 5s    106.00nm          5 1mb
CTI    44.71 302 eP     41 50.50   0 1
GIB    44.82 290 eP     41 50.50  -0 8
OGA    45.00 303 iPd    41 52 10  -0 7
MUD    45.28 316 iPd    41 55 50   0 3
       1.1s     43.00nm          4 5mb
OSS    45.63 303 ePd    41 57.60  -0 1
SAX    46.07 304 ePd    42 01.40   0 1
LLS    46.37 303 ePd    42 03 30  -0 3
SLE    46.55 304 ePd    42 04.80   0.0
GWF    46.92 306 eP     42 07.90   0.3
WTS    46.99 310 ePd    42 07.50  -0 6
       1.0s     37.00nm          4.7mb
                e      42 20.50
                e      42 32.00
MMK    47.23 302 ePd    42 10.20  -0 2
CDF    47.24 305 eP     42 10.80   0.6
CVF    47.40 297 eP     42 11.20  -0.2
       1.0s     20.80nm          4.5mb
DIX    47.60 302 ePd    42 13.30   0.0
BSF    47.66 305 eP     42 13.60   0.1
       0.8s     33.30nm          4.8mb
MEM    47.69 309 Pd     42 14.00   0.5
WLF    47.75 307 Pd     42 15.00   1.1
HAU    47.92 305 eP     42 15.50   0.1
       1.0s     16.90nm          4.4mb
EMS    47.93 302 ePd    42 15.80   0.1
DOU    48.67 308 Pd     42 21.60   0.6
FRF    48.72 299 eP     42 21.80   0.3
       1.0s     20.80nm          4 5mb
LRG    48.95 299 eP     42 23 70   0 4
LBF    49.71 304 eP     42 28.90  -0 2
       1.2s     17.60nm          4 4mb
LOR    49.73 305 eP     42 28.80  -0 4
       1.0s     12.00nm          4.3mb
SMF    49.88 304 eP     42 30.50   0.1
```

28d 08h

0.9s 28.50nm 4.8mb
SSF 50.01 304 eP 42 31.20 -0.1
1.0s 20.00nm 4.6mb
AVF 50.17 304 eP 42 32.60 0.1
0.9s 29.60nm 4.8mb
GRC 50.24 305 iPd 42 33.00 0.0
BGF 50.57 304 eP 42 35.50 -0.1
1.2s 22.80nm 4.6mb
MZF 50.83 304 eP 42 37.80 0.2
1.0s 33.30nm 4.8mb
TCF 51.06 304 eP 42 39.40 0.0
CAF 51.53 30 eP 42 43.20 0.3
0.9s 14.70nm 4.5mb
LSF 51.53 304 eP 42 42.40 -0.4
0.9s 13.60nm 4.5mb
LDF 52.00 307 eP 42 45.80 -0.5
1.2s 32.10nm 4.8mb
FLN 52.19 307 eP 42 47.10 -0.5
0.8s 16.10nm 4.7mb
EKA 52.30 316 Pd 42 47.80 -0.5
1.0s 31.60nm 4.9mb
LFF 52.43 302 eP 42 49.10 -0.3
0.8s 14.90nm 4.6mb
GRR 52.53 307 eP 42 49.60 -0.5
1.2s 42.30nm 4.9mb
MFF 52.55 305 eP 42 49.90 -0.4
1.0s 20.00nm 4.7mb
MLS 52.79 300 ePd 42 51.50 -0.6
EPF 53.28 300 eP 42 54.90 -0.9
0.8s 10.70nm 4.5mb
DAG 54.73 344 iPd 43 04.80 -1.0
0.6s 66.67nm 5.5mb
TOL 57.48 298 eP 43 25.50 -0.3
BNG 57.73 249 iPd 43 26.00 -1.8
0.6s 28.00nm 5.1mb
ic 43 36.20
id 44 17.20
ALE 59.02 354 ePc 43 35.50 -0.4
0.8s 12.00nm 4.7mb
TET 63.25 221 eP 44 05.00 0.1
MTD 64.84 222 iPc 44 15.00 -0.3
KRI 65.97 224 iPc 44 21.00 -1.5
MBC 67.29 3 iPc 44 29.40 -0.5
0.8s 101.00nm 5.6mb
BUL 69.20 223 iPc 44 42.30 -0.3
0.9s 29.83nm 5.0mb
INK 73.86 9 ePc 45 09.40 0.0
0.7s 47.00nm 5.3mb
SLR 73.93 2?0 eP 45 05.50 -5.0X
COL 74.40 ?6 iP 45 12.30 -0.3
0.8s 38.43nm 5.2mb
SEK 76.38 219 eP 45 24.50 0.2
0.9s 21.01nm 4.9mb
VIR 76.57 219 iPc 45 25.50 0.2
0.9s 38.66nm 5.1mb
YKA 81.20 3 eP 45 50.50 1.0
YKC 81.22 3 ePc 45 49.70 0.1
0.9s 45.00nm 5.2mb
WRA 81.96 122 P 45 48.00 -6.2X
0.6s 1.10nm 3.8mb X
WB2 81.97 122 eP 45 53.20 -1.0
SCH 82.08 337 eP 45 54.00 -0.3
ASPA 84.22 125 eP 46 05.00 -0.6
FFC 88.90 356 iPc 46 28.00 0.1
1.3s 36.00nm 5.1mb
EDM 90.52 3 ePc 46 35.80 0.3
SES 93.41 1 eP 46 48.00 -0.9
PNT 93.98 7 eP 46 52.00 0.5
0.7s 5.00nm 4.8mb
SPA 126.36 180 ePKP 52 34.40 -0.5
0.8s 4.58nm
LPB 138.78 288 PKP 53 00.00 -0.2
CNCB 138.86 287 PKP 53 01.00 0.5
TPZ 142.06 282 PKP 53 02.30 -3.6X
MDZ 147.03 264 ePKP 53 16.30 2.8X
S.D. = 0.7 on 104 of 113 obs.

& MAY 28, 1985 08h 51m 04.00s
60.031 N 140.830 W
DEPTH = 4.8km
SOUTHEASTERN ALASKA (19)
<AGS-P>.

AGAM 0.16 321 iP 51 07.63 0.3
eS 51 10.81
PCA 0.30 77 eP 51 10.16 0.2
eS 51 16.46
YAH 0.57 307 eP 51 14.94 -0.4
BCPM 0.61 97 iP 51 15.66 -0.5
eS 51 25.38
YKGM 0.80 273 eP 51 20.54 0.6
PNL 0.81 116 iP 51 18.93 -1.3
CTGM 0.97 345 iP 51 22.10 -0.9
eS 51 36.06
HON 1.15 120 eP 51 24.11 -1.8
BALM 1.26 324 eP 51 27.00 -0.9
KAIM 1.81 268 eP 51 36.84 0.8
RAGM 1.95 282 eP 51 39.02 0.8
eS 52 07.51
GLB 2.04 315 eP 51 39.42 0.0
eS 52 08.35
BMRM 2.08 298 eP 51 40.10 0.0
CSG 2.10 289 eP 51 41.14 0.8
SGAM 2.23 284 eP 51 42.24 0.0
TSIM 2.52 300 eP 51 47.23 0.8
eS 52 22.10
KMP 2.54 308 eP 51 47.14 0.5
INK 8.88 18 eP 53 20.00 4.2
18 obs. associated

• MAY 28, 1985 11h 26m 12.89± 0.75s
1.237 S ±18.7km 24.526 W ±14.8km
DEPTH = 10.0km (geophysicist)
4.8mb (17 obs.) 4.2Msz (1 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)

ITR 15.73 241 eP 29 53.80 -2.4
SOB1 18.11 244 eP 30 28.50 2.1
KIC 21.14 69 iP 30 57.20 -3.4X
1.1s 313.00nm 5.6mb X
BAO 27.21 237 e(P) 31 58.90 -0.3
BNG 43.40 82 iPc 34 16.90 -1.0
0.8s 25.00nm 5.0mb
ic 35 28.10
CNCB 45.47 248 P 34 36.30 1.2
LPB 45.51 248 Pc 34 37.70 2.5
1.2s 31.25nm 5.1mb
LR 48 00.00
EPF 49.42 24 eP 35 06.70 1.7
1.0s 10.80nm 4.8mb
CAF 51.68 24 eP 35 23.00 0.8
1.2s 5.90nm 4.4mb
LRG 52.40 28 eP 35 27.30 -0.3
1.0s 12.50nm 4.8mb
FRF 52.62 28 eP 35 28.50 -0.7
1.0s 8.30nm 4.6mb
MZF 52.95 23 eP 35 32.60 0.9
1.2s 9.30nm 4.6mb
CVF 52.97 31 eP 35 30.20 -1.7
BGF 53.33 23 eP 35 35.40 0.9
SSF 54.01 23 eP 35 40.20 0.8
LBF 54.13 24 eP 35 41.40 1.0
1.2s 6.60nm 4.5mb
LOR 54.32 23 eP 35 42.40 0.7
1.1s 8.30nm 4.7mb
DUI 55.38 35 eP 35 49.00 -0.5
HAU 55.92 25 eP 35 53.80 0.4
0.9s 6.20nm 4.6mb
BSF 55.97 25 eP 35 54.00 0.2
1.0s 14.80nm 5.0mb
CDF 56.62 25 eP 35 58.50 0.0
CTI 56.86 29 e(P) 36 05.00 4.7X
TRI 57.69 31 eP 36 04.60 -1.3
ENN 57.94 22 eP 36 08.50 0.9
0.9s 12.00nm 4.9mb
SKO 59.74 38 e(P) 36 20.00 -0.3
KHC 59.96 28 P 36 20.20 -1.6
MLR 64.38 37 eP 36 50.00 -1.5
NB2 67.90 18 P 37 14.40 0.8
1.0s 4.40nm 4.6mb
SUF 74.16 22 eP 37 52.00 0.8
BHO 74.57 306 eP 37 53.00 -1.1
RLO 75.08 308 eP 37 56.00 -1.1
KJF 75.60 21 iP 38 02.00 2.5
TUL 75.63 307 eP 37 58.80 -1.4
0.9s 14.60nm 5.0mb
Z 19s 0.11um 4.2Msz
JCT 77.96 301 iP 38 12.50 -0.9
1.0s 12.00nm 4.9mb
ALQ 84.08 305 eP 38 45.00 -0.8
1.2s 14.84nm 5.1mb
e 38 56.50
ALE 85.26 355 eP 38 50.00 -0.5
0.8s 4.00nm 4.7mb
SPA 88.77 180 e(P) 39 11.90 3.8X
YKC 91.06 332 eP 39 18.00 -0.6
YKA 91.12 332 eP 39 18.90 0.0
ASPA 147.55 141 ePKP 46 02.00 4.8X
WRA 150.46 137 PKPc 46 08.80 7.1X
1.0s 6.20nm
WB2 150.47 137 ePKP 46 07.00 5.3X
S.D. = 1.3 on 36 of 42 obs.

& MAY 28, 1985 11h 37m 39.51s
61.851 N 151.118 W
DEPTH = 81.8km
SOUTHERN ALASKA (2)
<AGS-P>.

SKT 0.23 304 eP 37 51.34 -0.5
eS 38 00.49
SUA 0.43 155 iP 37 53.06 -0.1
eS 38 03.17
PWA 0.62 108 iP 37 54.59 -0.1
eS 38 06.05
CGLM 0.69 218 iP 37 54.90 -0.6
eS 38 07.01
CRP 0.77 221 iP 37 55.79 -0.7
eS 38 08.69
SPU 0.81 214 iP 37 55.91 -0.8
eS 38 09.03
PMS 0.96 129 iP 37 57.79 -0.7
eS 38 13.35
PLRM 0.98 104 eP 37 57.96 -0.7
MSE 1.02 90 eP 37 58.87 -0.4
eS 38 13.72
GHO 1.04 93 eP 37 59.09 -0.5
NKA 1.11 183 eP 38 02.00 1.7
SML 1.32 91 eP 38 02.18 -0.8
KNK 1.35 108 iP 38 02.47 -0.8
eS 38 20.05
PTE 1.41 134 eP 38 03.06 -1.1
SLKM 1.42 162 eP 38 03.76 -0.5
RDT 1.43 207 iP 38 03.71 -0.7
eS 38 22.85
MPA 1.61 147 eP 38 05.84 -0.9
CFI 1.74 111 iP 38 07.11 -1.3
SCM 1.80 89 eP 38 08.91 -0.4
ILM 1.87 207 eP 38 09.62 -0.6
SEW 1.93 154 eP 38 10.28 -0.8
TTV 2.08 111 eP 38 11.79 -1.3
BRLK 2.10 177 eP 38 14.40 1.0
GLI 2.17 115 iP 38 12.30 -2.0
eS 38 39.15
SVW 2.29 253 eP 38 14.69 -1.3
VZW 2.33 108 eP 38 14.94 -1.6
eS 38 43.29
VLZ 2.41 105 eP 38 15.49 -2.0
FID 2.50 114 eP 38 15.99 -2.8
KLU 2.50 96 eP 38 17.42 -1.6
TTA 2.52 298 eP 38 18.16 -1.1
KMP 2.92 94 eP 38 22.94 -1.8
31 obs. associated

? MAY 28, 1985 11h 56m 28.51± 7.76s
33.457 S ±11.1km 72.269 W ±63.8km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV 0.87 125 iPc 56 44.30 0.0
iS 56 55.50
TACH 1.13 100 iPc 56 47.40 -0.7
iS 57 03.50
ROCH 1.16 66 iPd 56 49.00 0.3
iS 57 04.00
SAN 1.34 90 iPd 56 51.20 0.1
iS 57 09.70
PEL 1.36 77 iPc 56 52.00 0.6
CHCH 1.43 110 iP 56 51.90 -0.5
PCH 1.47 97 iPd 56 53.20 0.1
iS 57 13.10
BACH 1.49 86 iPc 56 53.80 0.5
JACH 1.61 62 iPd 56 55.30 0.3
iS 57 17.60
FCH 1.66 86 iPc 56 56.40 0.4
iS 57 19.60
MDZ 2.92 80 eP 57 03.50 -10.3X
eS 58 07.80
RFA 3.42 114 e(P) 57 21.60 0.8
TCA 6.83 74 e(P) 58 07.40 -1.6
S.D. = 0.7 on 12 of 13 obs

& MAY 28, 1985 12h 08m 37.18s
60.467 N 152.044 W
DEPTH = 77.8km
SOUTHERN ALASKA (2)
<AGS-P>.

RDT	0.21	301	iP	08	48.87	-0.1
			eS	08	58.56	
RED	0.36	263	iPc	08	49.60	-0.3
ILM	0.48	234	iP	08	50.56	-0.2
			eS	08	59.34	
NKA	0.48	55	eP	08	52.29	1.6
			eS	09	02.02	
SPU	0.72	360	iP	08	52.36	-0.8
			eS	09	05.08	
CRP	0.80	356	iP	08	53.57	-0.7
			eS	09	06.80	
HOM	0.84	166	eP	08	54.50	0.1
CGLM	0.84	1	eP	08	53.87	-0.7
			eS	09	08.16	
SLKM	0.90	87	iP	08	54.38	-0.9
			eS	09	08.04	
BRLK	0.91	140	iP	08	54.81	-0.5
			eS	09	09.51	
OPT	1.01	217	eP	08	56.40	-0.1
CNPM	1.03	156	eP	08	56.50	-0.2
SUA	1.18	32	iP	08	58.16	-0.6
			eS	09	14.41	
MPA	1.33	88	iP	08	59.40	-1.1
SEW	1.34	105	iP	08	59.28	-1.4
			eS	09	18.00	
PMS	1.44	56	eP	09	01.47	-0.6
SKT	1.54	9	eP	09	01.80	-1.6
			eS	09	24.06	
PTE	1.54	74	eP	09	01.85	-1.4
			eS	09	20.83	
PWA	1.59	41	eP	09	02.99	-1.0
			eS	09	23.83	
CDD	1.74	208	eP	09	05.00	-1.1
PLRM	1.81	50	eP	09	05.49	-1.5
SVW	1.87	292	iP	09	05.72	-2.1
KNK	1.99	60	eP	09	07.46	-2.0
GHO	2.00	48	eP	09	07.84	-1.8
MSE	2.03	46	eP	09	08.04	-2.1
			eS	09	32.55	
CFI	2.22	69	eP	09	09.76	-2.7
SML	2.25	52	iP	09	11.00	-2.0
GLI	2.47	78	eP	09	12.65	-3.4
SCM	2.67	57	eP	09	17.09	-1.7
HIN	2.75	89	eP	09	17.64	-2.3
FID	2.76	82	eP	09	15.91	-4.1
VZW	2.76	75	eP	09	16.75	-3.3
VLZ	2.88	74	eP	09	18.58	-3.1
KLU	3.16	68	iP	09	22.53	-3.1
TOA	3.28	57	eP	09	25.40	-1.9
KMP	3.57	70	eP	09	28.26	-3.2
COL	4.86	22	eP	09	46.00	-3.4
YKA	17.83	67	eP	12	59.70	18.6

38 obs. ossocioted

MAY 28, 1985 14h 15m 26.95± 0.78s
36.404 N ± 3.4km 71.290 E ± 2.4km
DEPTH = 117.9 ± 7.8 km
5.3mb (59 obs.)
AFGHANISTAN-USSR BORDER REGION (717)
Felt (IV) ot Ishkashim and
Khorog, (III) at Dushonbe ond
(II) at Toshkent, USSR.
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 12S, 21C
Centroid Location:
Origin Time 14:15:29.4 1.1
Lot 36.25N 0.14 Lon 70.94E 0.21
Dep 136.3 3.9 Half-durotion 1.5
Moment Tensor; Scole 10**23 D-CM
Mrr= 5.23 0.78 Mtt=-1.27 1.00
Mff=-3.95 1.13 Mrt= 4.44 0.68
Mrf=-0.77 0.73 Mtf=-4.15 1.28
Principol Axes:

T	Val= 8.07	Plg=57	Azm= 25
N	-0.73	31	227
P	-7.34	10	131

Best Double Couple:Mo=7.7*10**23
NP1:Strike=189 Dip=44 Slip= 42
NP2: 66 62 126

KSH	4.80	49	iPc	16	38.00	-0.3
			S	17	31.00	
QUE	7.18	212	iPd	17	09.00	-2.0
			eS	18	29.00	
NDI	9.18	145	iP	17	31.80	-6.0X
			iS	19	11.00	
MHI	9.52	273	iPd	17	37.00	-5.5X
	0.8s		134.33nm			5.8mb X
			eS	19	15.00	
AJM	10.43	164	iP	17	53.00	-1.5
WMQ	14.56	54	P	18	44.40	-4.0X
DMN	14.63	123	eP	18	44.60	-4.9X
KKN	14.63	122	eP	18	44.00	-5.5X
PKI	14.86	122	eP	18	47.20	-5.2X
IR2	16.52	273	eP	19	14.00	1.0
SHI	17.11	252	eP	19	18.00	-2.3
BOM	17.49	175	eP	19	26.00	1.1
BOK	17.71	131	eP	19	24.00	-3.5X
			eS	22	20.00	
POO	17.94	172	iP	19	30.00	-0.5
KER	19.82	271	eP	19	53.00	2.4
TAB	19.93	282	eP	19	54.00	2.2
HYB	19.98	159	iPd	19	51.50	-0.7
	1.0s		250.00nm			5.5mb
			eS	23	36.00	
SHL	20.66	116	iP	19	59.00	-0.2
			iS	23	36.00	
VIS	21.43	147	iP	20	07.00	0.2
GTA	22.67	74	Pc	20	19.80	0.9
			S	24	21.70	
GBA	23.36	165	Pc	20	24.70	-1.0
	0.7s		64.60nm			5.1mb
LZH	26.19	81	Pc	20	53.00	0.6
	1.5s		207.00nm			5.5mb
CD2	27.50	92	eP	21	05.40	1.3
KMI	29.15	104	eP	21	19.00	-0.2
CHG	29.97	118	iPc	21	27.00	0.8
	0.9s		14.71nm			4.7mb
			eS	26	44.00	
CHTO	29.97	118	iP	21	26.50	0.3
	0.8s		21.96nm			4.9mb
BTO	30.43	70	eP	21	30.00	-0.2
XAN	30.71	83	Pc	21	32.00	-0.7
BDT	31.06	121	eP	21	37.00	1.2
	0.8s		88.20nm			5.5mb
HHC	31.58	69	Pd	21	40.30	0.0
GYA	31.62	98	Pc	21	41.20	0.4
KHT	32.51	124	eP	21	49.80	1.3
TIY	32.68	75	eP	21	49.70	-0.1
LOE	32.88	117	eP	21	50.00	-1.7
NST	32.93	121	iPd	21	53.60	0.9
CFR	33.48	299	ePc	21	57.00	0.4
PPE	33.86	301	eP	22	00.00	0.1
CLI	34.10	301	eP	22	03.00	1.0
ISR	34.62	299	ePd	22	08.00	1.6
NNT	34.86	126	eP	22	09.50	0.8
MLR	35.03	299	iPc	22	12.00	1.9
BJI	35.17	70	eP	22	11.00	-0.1
CMP	35.68	299	ePd	22	17.00	1.6
PVL	35.72	295	iPd	22	17.00	1.3
KDZ	35.74	293	iP	22	16.00	0.1
WHN	36.17	87	eP	22	20.00	0.4
			ipP	22	49.00	128kmX
TIA	36.67	76	eP	22	24.36	0.6
MMB	36.96	293	i(P)	22	26.00	-0.2
CLO	37.27	299	ePd	22	28.00	-0.7
QIZ	37.97	167	eP	22	35.00	0.2
NUR	38.04	324	iP	22	35.00	0.6
	0.8s		93 90nm			5.7mb
Z	20s		0.20um			3.9Msz
			eS	28	20.00	
			LR	37	20.00	
KJF	38.09	331	iP	22	35.00	-0.3
	0.8s		64.50nm			5.5mb
			eS	28	20.00	
SUF	38.13	328	iP	22	35.30	-0.4
	6.7s		79.00nm			5.7mb
GZH	38.56	98	eP	22	41.60	1.9
JOS	38.67	304	iPc	22	41.70	1.3
NJ2	39.26	82	Pc	22	46.60	1.2
DL2	39.53	71	P	22	48.40	0.9
SOD	39.92	335	iP	22	49.70	-0.8
SRO	40.19	303	iPc	22	54.40	1.5
SNY	40 41	66	Pd	22	54.20	-0.6
ZST	40.98	304	eP	23	01.50	2.2
			e	24	36.50	
KEV	40 98	338	eP	22	59.00	-0.1
	0.8s		35 20nm			5 2mb
UPP	41.29	322	iP	23	01.40	-0 3
KSP	41.38	308	ePc	23	03.00	0.4
	0.8s		25.00nm			5.0mb
SOP	41.38	303	iPc	23	03.20	0.5
	1.4s		71.10nm			5.2mb
CN2	41.44	62	eP	23	03.00	-0.2
SSE	41.46	82	Pd	23	05.00	1.5
	1.0s		57.00nm			5.3mb
VKA	41.49	304	eP	23	04.50	0 9
IPM	41.82	132	ePd	23	07.90	1 3
	0.5s		30.30nm			5.3mb
			e	23	20.10	
			e	23	51.00	
BRT	41.92	293	e(P)	23	07.60	0.4
PRU	42.54	307	Pc	23	13.10	1.0
	1.5s		51.70nm			5.1mb
			e	2	47.50	
BRG	42.87	308	iPc	23	15.60	0.8
	0.9s		68.00nm			5.4mb
			epP	23	44.20	126kmX
LJU	42.94	301	ePc	23	16.50	1.0
			e	23	40.50	
			e	25	03.00	
KHC	43.23	306	iPc	23	18.40	0.6
			e	23	27.10	
			e	25	03.00	
HFS	43.29	322	iPc	23	17.60	-0.4
	0.8s		125.20nm			5.7mb
Z	17s		0.66um			4.6MszX
			LR	39	49.00	
VOY	43.39	301	iPc	23	19.30	0.1
			e	23	53.30	
			e	25	04.50	
CLL	43.43	309	iPc	23	19.40	0.1
	1.5s		71.00nm			5.2mb
			e	2	36.00	
TRO	43.45	336	eP	23	20.00	0.8
TRI	43.52	301	eP	23	20.00	-0.1
KBA	43.62	303	iPc	23	21.00	-0.1
	1.0s		22.50nm			4.9mb
			i	24	03.90	
COP	43.67	315	iP	23	21.60	0.4
	0.8s		128.36nm			5.7mb
DUI	43.78	295	eP	23	24.00	1 8
BHG	43.85	304	eP	23	20.10	-2
HOF	44.22	308	iPc	23	26.40	0 6
MOX	44.36	308	iPc	23	27.00	0
	1 6s		80.00nm			5 2m
GRA4	44.58	307	iPc	23	30.50	0
			e	23	31.30	
NB2	44.60	323	P	23	27 60	-
	0.9s		128.50nm			5 7m
FUR	44.86	305	iPc	23	31.40	0 5
	1.5s		100.00nm			5.4mb
CTI	44.93	302	iPc	2	31.80	0 2
GIB	45.03	290	eP	23	31.50	-0 9
OGA	45.22	303	iPc	23	32.70	-1.3
	0.7s		29.00nm			5 1mb
KGM	45.24	132	ePd	23	35.80	1.7
MUD	45.50	317	iPd	23	36.70	1.0
	0.7s		19.00nm			5.0mb
OSS	45.85	303	ePd	23	38.80	-0.1
SAX	46.29	304	eP+	23	42.10	-0.4
TNS	46.42	308	eP	23	43.30	0.1
LLS	46.59	303	eP+	23	44.10	-0 7
SLE	46.77	305	eP+	23	46.10	0.1
BUH	46.79	306	ePc	23	46.20	0.0
ZUL	46.89	304	eP+	23	46.90	0.0
BNS	47.12	309	eP	23	49.50	0.9
GWF	47.14	306	iPc	23	48.80	-0.1
WTS	47.21	311	eP	23	50.00	0.7
	1.1s		55.00nm			5.2mb
STB	47.38	309	eP	23	51.00	0 3
CDF	47.46	306	iPc	23	50.90	-0 6
BER	47.46	322	iP	23	51.00	-0 2
CVF	47.61	298	eP	23	52.00	-0 6
	1.0s		25.00nm			4 9m
DIX	47.82	302	ePd	23	54 50	0 0
BSF	47.88	305	iPc	23	54.60	-0 2
	0.8s		65.60nm			5 5mb
MEM	47.91	309	P	23	54.60	-0.1
ENN	47.93	309	eP	23	55.00	0.1
	1.0s		23.00nm			4.9mb
WLF	47.97	307	Pc	23	56.00	0 8
HAU	48.14	305	iPc	23	56.20	-0.5
	0.7s		19.90nm			5.0mb

28d 14h

KBS	48 76 347 iP	24 00.90	-0.1		
DOU	48.89 308 P	24 02.60	0.3		
FRF	48.94 299 eP	24 02.80	0.0		
LBF	49.93 304 iPc	24 09.80	-0.6		
	0.6s 5.80nm		4.7mb		
LOR	49.94 305 eP	24 09.80	-0.7		
SMF	50.10 304 iPc	24 11.20	-0.5		
	0.8s 42.90nm		5.4mb		
SSF	50.23 305 eP	24 12.20	-0.4		
	1.1s 39.00nm		5.2mb		
AVF	50.39 304 iPc	24 13.40	-0.4		
	0.8s 47.50nm		5.5mb		
PPP	50.39 110 ePd	24 11.20	-3.0		
GRC	50.46 305 iPc	24 14.10	-0.2		
	i	24 48.80			
BGF	50.79 304 iPc	24 16.00	-0.9		
KKM	50.96 115 ePd	24 20.40	1.8		
MZF	51.05 304 iPc	24 18.70	-0.2		
	1.0s 48.10nm		5.4mb		
TCF	51.28 304 iPc	24 20.40	-0.3		
	0.8s 32 30nm		5.3mb		
CAF	51.75 302 eP	24 24.20	0.0		
	0.8s 18.80nm		5.1mb		
LSF	51.75 304 eP	24 23.40	-0.7		
	0.8s 21.10nm		5.1mb		
RJF	52.01 303 eP	24 26.30	0.1		
LDF	52.22 307 iPc	24 26.80	-0.8		
FLN	52.41 308 iPc	24 28.00	-1.0		
	0.8s 32.20nm		5.3mb		
LPO	52.41 302 eP	24 29.00	-0.1		
EKA	52.52 316 Pc	24 28.50	-1.2		
	1.0s 38.70nm		5.3mb		
LEF	52.65 305 eP	24 30.80	0.0		
	1.0s 29.60nm		5.2mb		
GRR	52.75 307 iPc	24 30.70	-0.8		
	0.8s 32.00nm		5.3mb		
MFF	52 77 305 eP	24 30.40	-1.3		
MAT	52 77 69 eP	24 30.00	-1.9		
LPF	52.96 307 iPc	24 32.80	-0.2		
MLS	53.00 300 ePd	24 32.80	-0.7		
EPF	53.50 300 eP	24 36.20	-0.9		
DAG	54.91 344 iPd	24 46.00	-1.0		
	0.6s 53.33nm		5.7mb		
	i	24 55.00			
LGR	55.66 301 eP	24 53.00	0.1		
AKU	57.22 331 iP	25 04.60	1.0		
	0.8s 38.81nm		5.5mb		
TOL	57.69 298 eP	25 07.00	-0.2		
	e	26 00.00			
BNG	57.84 250 iPc	25 06.90	-1.7		
	0.9s 41.00nm		5.4mb		
	id	25 44.90			
TRT	58.56 130 ePc	25 12.00	-1.5		
ALE	59.18 354 ePc	25 15.70	-1.4		
	0.7s 11.00nm		5.0mb		
AVY	59.36 206 eP	25 19.00	-0.2		
TET	63.25 221 eP	25 46.00	0.9		
MTD	64.85 223 iPd	25 56.00	0.4		
	ipP	26 25.00	118kmX		
KRI	65.98 224 eP	26 02.00	-0.9		
	ipP	26 33.00	127kmX		
MBC	67.42 3 iPc	26 10.20	-0.9		
	0.6s 47.00nm		5.6mb		
BUL	69.21 223 iPd	26 23.30	0.3		
	0.9s 13.45nm		4.8mb		
NAU	71.98 37 eP	26 40.20	0.7		
IMA	72.14 18 eP	26 38.60	-1.6		
MBL	73.35 133 eP	26 47.00	-0.6		
JOZ	73.46 216 e(P)	26 38.60	-9.5X		
SLR	73.92 220 eP	26 50.10	-0.9		
INK	73.98 9 ePc	26 49.70	-0.9		
	0.5s 24.00nm		5.2mb		
TTA	74.03 20 eP	26 50.10	-1.0		
COL	74.50 16 eP	26 52.00	-1.7		
FBA	74.53 16 eP	26 52.70	-1.0		
	0.8s 22.30nm		5.0mb		
FIC	75.01 267 eP	26 55.90	-1.5		
FRB	75.22 343 ePc	26 57.30	-0.5		
BFS	75 64 220 eP	27 00.50	-0.3		
SEY	76.37 219 eP	27 05.50	0.6		
	0.5s 22.54nm		5.2mb		
MEY	76.88 138 eP	27 08.00	0.4		
PMR	76.98 19 eP	27 06.20	-1.5		
BLF	77.74 219 eP	27 13 00	0.6		
	0.7s 15.00nm		4.9mb		
KDC	79.26 22 eP	27 19.60	-0.5		
PNL	80.97 15 eP	27 29.50	0.2		

WBN	81.14 132 eP	27 31.00	0.4		
	0 7s 6.00nm		4.5mb		
YKA	81.33 3 eP	27 31.50	0.5		
RSNT	81.35 3 P	27 31.00	0.0		
YKC	81.35 3 ePc	27 31.00	-0.1		
	0.9s 57.00nm		5.4mb		
WRA	81.74 122 Pc	27 33.30	-0.5		
	0.6s 19.30nm		5.1mb		
WB2	81.75 122 iPc	27 33.20	-0.7		
SCH	82.27 337 eP	27 36.00	-0.1		
ASPA	84.01 125 eP	27 45.00	-0.4		
	0.7s 21.00nm		5.1mb		
FFC	89.05 356 iPc	28 09.60	0.0		
	1.2s 91.00nm		5.7mb		
CTA	90.29 115 iPd	28 15.80	0.1		
	0.7s 19.52nm		5.3mb		
LHC	93.79 347 eP	28 31.50	-0.1		
PNT	94.11 7 eP	28 33.00	-0.1		
	0.8s 27.00nm		5.7mb		
NEW	95.38 6 eP	28 39.00	0.0		
LRM	98.08 3 eP	28 51.40	-0.1		
DRV	115.17 156 e(PKP)	34 01.50	6.7X		
SPA	126.22 180 ePKP	34 15.60	-0.6		
	0.8s 5.83nm				
LPB	138.99 288 ePKP	34 43.00	0.8		
CNCB	139.06 287 PKP	34 42.20	-0.3		
TPZ	142.25 282 ePKP	34 34.00	-13.8X		
	S.D. = 0.9 on 181 of 191 obs.				
? MAY 28, 1985 15h 10m 57.70± 1.50s					
	4.633 S ±11.0km 149.034 E ±29.6km				
	DEPTH = 557.6 ± 8.6 km				
	4.6mb (5 obs.)				
BISMARCK SEA			(203)		
MDG	3.30 259 eP	12 16.00	0.2		
LMG	4.34 192 eP	12 23.00	-0.4		
SVO	11.60 113 P	13 56.00	23.3X		
CTA	15.60 190 iPc	14 13.10	0.6		
	0.8s 10.45nm		4.4mb		
WB2	20.88 222 iPc	15 03.00	0.3		
WRA	20.89 222 Pc	15 02.80	0.0		
	0.6s 7.50nm		4.5mb		
WBN	30.32 223 eP	16 26.00	-0.1		
	0.4s 9.00nm		4.8mb		
MEK	36.42 230 iPd	17 17.00	0.0		
KLG	36.75 222 eP	17 19.00	-0.6		
PKI	69.14 302 eP	21 10.60	-0.3		
KKN	69.31 302 eP	21 11.80	0.1		
	0.6s 14.00nm		4.7mb		
DMN	69.40 302 eP	21 12.60	0.2		
	0.7s 20.00nm		4.8mb		
	S.D. = 0.4 on 11 of 12 obs.				
• MAY 28, 1985 15h 19m 16.19± 1.19s					
	7.742 S ±12.0km 127.830 E ±19.6km				
	DEPTH = 136.1 ± 29 7 km				
	4.4mb (1 obs.)				
BANDA SEA			(280)		
AAI	4.04 5 e(P)	20 17.50	0.0		
MTN	6.02 148 eP	20 45.00	0.0		
KNA	8.01 174 iPd	21 10.80	-0.3		
WRA	13.67 153 Pd	22 24 40	-1.3		
	0.2s 3.80nm		4.4mb		
WB2	13.68 153 eP	22 24.80	-0.9		
	eS	24 48.30			
MBL	15.42 209 eP	22 48.00	0.4		
ASPA	16.87 160 iPc	23 07.10	1.4		
WBN	18.34 184 eP	23 23.00	0.1		
NAU	18.91 218 eP	23 27.50	-1.4		
MEK	20.74 204 eP	23 49.00	1.2		
	S.D. = 1.2 on 10 of 10 obs.				
• MAY 28, 1985 16h 12m 03.86± 0.93s					
	20.452 S ±12.8km 178.045 W ±12.4km				
	DEPTH = 544.9 ± 9.8 km				
	4.8mb (6 obs.)				
FIJI ISLANDS REGION			(181)		
SGE	4.76 306 iPc	13 33.20	1.0		
	eS	14 42.00			
NDF	5.03 301 iP	13 35.80	1.5		
AFI	8.84 44 P	14 08 00	-2.9		
	S	15 47 00			
KRP	18.28 196 P	15 45.70	0.8		
GNZ	18.45 190 eP	15 48 00	1 5		

CTA	33.45 264 iPc	17 59.00	-0.3		
	0.8s 29.85nm		5.0mb		
ASPA	44.49 257 eP	19 27.00	-1.6		
WB2	44.55 262 eP	19 27.70	-1.4		
WRA	44.56 262 Pd	19 27.10	-2.1		
	0.2s 3.30nm		4.5mb		
MBL	57.73 257 eP	21 03.00	-2.0		
MRWA	59.83 247 eP	21 17.70	-1.2		
NAU	61.40 255 eP	21 29.00	-0.3		
PWA	84.87 13 eP	23 41.50	-0.1		
TTA	84.90 10 eP	23 42.70	0.8		
BJI	85.83 315 eP	23 47.00	0.3		
PNT	86.64 34 eP	23 51.00	0.6		
ALQ	87.40 51 eP	23 55.00	0.4		
	1.0s 5.00nm		4.2mb		
FBA	88.20 12 eP	23 57.00	-0.4		
	0.8s 18.80nm		5.0mb		
IMA	88.21 10 eP	23 57.90	0.3		
KMI	89.29 297 eP	24 05.30	1.7		
CHG	90.19 290 iPc	24 09.40	1.9		
	0.8s 11.57nm		4.9mb		
CHTO	90.19 290 iP	24 09.20	1.7		
	0.8s 9.33nm		4.8mb		
INK	94.23 15 eP	24 25.00	0.0		
SOB1	128.57 121 ePKP	30 10.80	-0.5		
SUF	134.62 345 iPKP	30 21.40	0.2		
HFS	139.48 351 ePKP	30 22.60	-7.8X		
	0.3s 2.30nm				
MUD	143.64 353 iPKPc	30 36.50	-1.2		
	0.8s 31.00nm				
EKA	144.96 5 PKP	30 40.00	0.0		
	0.5s 3.70nm				
WIT	147.49 355 ePKP	30 49.00	4.9X		
KSP	147.63 343 ePKP	30 48.30	3.8X		
	0.8s 23.00nm				
CLL	140.00 347 iPKP	30 48.90	3.9X		
BRG	148.20 346 iPKP	30 45.90	0.5		
	i	30 50.00			
	i	30 54.80			
WTS	148.29 354 iPKPc	30 50.20	4.8X		
	0.7s 20.00nm				
PRU	148.80 344 PKP	30 51.50	5.1X		
	e	30 57.80			
MOX	148.92 348 ePKP	30 51.50	5.0X		
	1.3s 24.00nm				
ENN	149.59 355 ePKPc	30 53.00	5.6X		
	0.9s 13.00nm				
MEM	149.74 355 PKPc	30 53.70	6.1X		
KHC	149.91 345 iPKP	30 48.90	0.8		
	i	30 54.20			
	e	31 01.80			
CLO	150.00 330 ePKP	30 54.00	5.7X		
DOU	150.35 357 PKPc	30 55.10	6.5X		
WLF	150.66 354 PKPc	30 56.30	7.2X		
FLN	151.69 3 ePKP	30 57.90	7.3X		
LDF	151.87 3 ePKP	30 58.40	7.5X		
GRR	152.04 4 ePKP	30 58.90	7.8X		
LPF	152.38 4 ePKP	30 59.50	7.9X		
	0.9s 14.40nm				
LJU	152.46 341 ePKP	30 59.10	7.2X		
VOY	152.67 342 iPKP	30 59.60	7.3X		
	S.D. = 1.3 on 29 of 47 obs.				
• MAY 28, 1985 16h 48m 30.02± 1.16s					
	45.726 N ± 9.6km 10.749 E ± 8.5km				
	DEPTH = 10.0km (geophysicist)				
NORTHERN ITALY			(545)		
	ML 3.1 (KBA).				
SAL	0.20 233 ePg	48 33.40	-0.9		
	0.4s 880.00nm				
CTI	0.71 63 ePg	48 44.30	0.2		
	0.2s 7000.00nm				
OSS	1.05 337 eP+	48 49.50	-0.4		
OGA	1.16 9 ePg	48 51.50	-0.3		
VDL	1.17 311 eP+	48 51.40	-0.6		
LLS	1.67 314 eP	49 02.00	2.4X		
SAX	1.81 328 eP	49 04.70	3.0X		
ORO	1.94 268 ePg	49 06.20	2.7X		
	e(Sg)	49 31.00			
MMK	1.97 281 eP	49 05.90	1.9		
TRI	2.11 89 eP	49 10.00	4.2X		
	e	49 31.70			
	i(Sg)	49 37.70			
VOY	2.22 81 ePn	49 12.30	4 8X		
	i(Sg)	49 41.50			
KBA	2.25 52 i(Pn)	49 10.70	2.7X		

		iPg	49 13.70		
		iSg	49 43.20		
SLE	2.56	324	eP	49 18.90	6.6X
CEY	2.58	88	e(Pn)	49 21.70	9.2X
			eSg	49 53.60	
LJU	2.66	82	eP	49 53.60	39.9X
BUH	3.41	331	ePn	49 24.60	0.2
KHC	3.91	28	ePg	49 49.00	17.6X
			Sg	50 33.00	

S.D. = 1.1 on 7 of 17 obs.

? MAY 28, 1985 17h 11m 33.61± 3.45s
66.276 N ±37.4km 149.950 W ±16.7km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 4.0 (PMR).

IMA	1.53	264	iPc	12 01.30	0.2
COL	1.65	146	eP	12 02.00	-0.7
			e	12 05.00	
			eS	12 26.00	
FBA	1.65	146	iPd	12 02.20	-0.5
TTA	4.25	221	eP	12 39.50	-0.4
TOA	4.50	157	eP	12 44.80	1.4
PMS	5.05	178	eP	12 55.00	3.8X
SVW	5.77	209	eP	13 07.70	6.4X
INK	6.68	65	eP	13 12.00	-2.1X

S.D. = 1.2 on 5 of 8 obs.

% MAY 28, 1985 17h 49m 47.06± 1.27s
39.690 N ±11.5km 28.926 E ± 7.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.24	250	iPg	49 52.30	0.0
			iSg	49 54.30	
KCT	0.71	322	ePg	50 01.10	0.0
EDC	1.05	309	ePn	50 06.80	0.0
GPA	1.22	60	iPn	50 09.80	0.0
CTT	1.50	346	ePn	50 14.00	-0.1

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

& MAY 28, 1985 18h 31m 47.40s
37.550 N 118.850 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.8 (PAS), 3.4 (BRK).

TIN	0.70	135	iPd	32 00.20	-1.2
			eS	32 09.80	
FRI	0.88	231	iPc	32 03.10	-1.6
			iS	32 14.50	
MNA	1.04	32	iPc	32 06.80	-0.7
			iS	32 21.40	
CWC	1.27	151	iP	32 09.80	-1.7
			eS	32 25.80	
JAS1	1.30	287	ePd	32 10.30	-1.6
			i	32 25.10	
			iS	32 27.60	
WKTM	1.78	169	eP	32 19.30	0.3
VPEM	1.80	152	eP	32 19.30	0.0
LLA	1.92	242	iPc	32 20.60	-0.3
			eS*	32 45.40	
SLD	1.95	257	eP	32 21.30	-0.1
PRI	2.02	227	ePc	32 22.00	-0.6
SAO	2.22	250	iPd	32 25.10	-0.1
MHC	2 23	265	ePc	32 25.50	-0.1
			iS*	32 54.90	
PRS	2.36	240	ePc	32 26.80	-0.5
GCC	2.56	259	e(P)	32 29.40	-0.7
PCC	2.81	270	ePc	32 33.40	-0.3
ORV	2.89	315	eP	32 36.20	1.4

16 obs. associated

* MAY 28, 1985 19h 19m 36.88± 0.87s
21.834 S ±10.8km 68.370 W ±11.0km
DEPTH = 150.0 ± 11.5 km
4.5mb (1 obs.)
CHILE-BOLIVIA BORDER REGION (124)

ANT	2.65	225	iPd	20 20.00	-0.3
			iS	20 48.90	
YJA	2.68	98	iPd	20 22.20	1.0
SLA	3.91	138	ePd	20 39.80	3.0X
CNCB	5.01	4	iP	20 50.80	-1.0
LPB	5.28	3	eP	20 56.00	0.7
			i	21 16.00	
ARE	6.10	331	e(P)	20 46.00	-20.2X
			iS	22 06.00	
VAO	19.82	97	eP	23 57.20	-0.9
			e	23 58.10	
BAO	20.25	76	e(P)	24 01.40	-1.1
OXM	51.08	321	iP	28 27.00	0.5
KIC	68.32	73	eP	30 25.40	1.2
BUL	88.83	111	iPc	32 19.50	3.8X
	0.7s		3.42nm		4.5mb
YKA	91.67	340	eP	32 30.20	2.6X

S.D. = 1.3 on 8 of 12 obs.

MAY 28, 1985 19h 27m 52.22± 0.83s
18.907 N ± 5.6km 101.862 W ± 4.5km
DEPTH = 105.7 ± 6.3 km
5.2mb (53 obs.)
GUERRERO, MEXICO (59)

PIM	0.63	182	iP	27 59.50	-10.3X
UNM	2.57	80	iP	28 34.00	0.7
			iS	29 18.00	
TAC	2.57	78	iP	28 34.00	0.6
			iS	29 20.00	
TPM	2.65	88	iP	28 34.00	-0.3
LTX	10.51	351	iP	30 23.00	1.7
	1.0s	120.00nm			5.7mb X
			ipP	30 40.00	
JCT	11.67	9	iP	30 38.60	1.9
	1.0s	95.00nm			5.5mb X
ALQ	16.48	347	ePc	31 40.70	2.0
	1.0s	77.50nm			4.9mb
			e	31 58.00	
BHO	16.62	21	iP	31 40.00	-0.1
OCO	17.00	12	iP	31 47.00	2.2
TUL	17.77	16	iPc+	31 53.70	-0.5
	1.0s	419.00nm			5.6mb
Z	19s	1.15um			5.4Msz
N	23s	0.49um			
E	24s	0.34um			
			eS	35 28.00	
RLO	18.22	18	iPc	31 58.40	-1.3
GLA	18.26	323	iP	31 59.80	-0.4
OLY	18.92	27	P	32 06.00	-1.4
GCM	19.36	86	P	32 11.80	-0.3
POW	19.59	27	P	32 13.50	-0.9
RMU	19.79	338	iP	32 17.80	1.1
			epP	32 34.00	83kmX
PWLA	20.15	35	P	32 19.00	-1.3
SDW	20.67	322	P	32 25.50	-0.2
GOL	20.94	352	eP	32 29.00	0.4
	1.0s	60.00nm			4.9mb
			epP	32 46.00	79kmX
			sP	32 52.00	
GLD	20.97	353	eP	32 29.50	0.7
	1.1s	192.86nm			5.4mb
			epP	32 47.00	82kmX
FVM	21.47	25	iP	32 32.20	-1.3
	0.8s	69.70nm			5.1mb
			epP	32 50.50	85kmX
RSCP	21.99	38	eP	32 38.80	0.1
VPEM	22.05	324	P	32 39.70	0.2
PRM	23.02	45	eP	32 48.50	-0.3
			epP	33 08.00	89kmX
EUR	23.86	332	iP	32 57.80	0.7
PRI	23.86	320	ePc	32 57.50	0.5
FRI	23.87	323	iPc	32 56.80	-0.1
MNA	24.07	327	iPc	33 00.40	1.3
			e	33 08.70	
			e	33 16.70	
LLA	24.34	320	ePc	33 01.30	-0.2
PRS	24.42	319	ePc	33 02.30	0.1
BDW	24.67	346	iP	33 04.30	-0.6
	1.0s	60.00nm			5.0mb
			ipP	33 23.50	86kmX
			sP	33 30.50	
SAO	24.74	320	eP	33 06.80	1.5
JAS1	24.92	323	iPc	33 07.00	0.0
BMN	25.19	332	iP	33 10.00	0.4
	1.0s	27.50nm			4.7mb
			ipP	33 29.00	85kmX
RSSD	25.20	356	eP	33 09.50	-0.3
	1.0s	55.00nm			5.0mb
			epP	33 27.80	81kmX
MHC	25.24	321	ePc	33 10.40	0.4
GCC	25.25	320	eP	33 09.90	-0.1
PCC	25.79	320	ePc	33 14.70	-0.2
BKS	25.94	321	e(P)	33 16.70	0.3
	1.0s	22.00nm			4.6mb
BRK	25.96	321	e(P)	33 16.00	-0.5
BLA	26.17	41	eP	33 17.10	-1.5
ORV	26.67	325	ePc	33 23.30	0.3
WDC	27.95	325	ePc	33 32.30	-2.3
LRM	28.24	344	iPc	33 37.20	-0.2
SXM	28.24	346	iPc	33 37.40	0.0
BUT	28.44	344	eP	33 39.10	-0.1
FHC	28.90	324	eP	33 43.40	0.2
HRY	28.92	346	iPc	33 43.00	-0.4
LHC	31.16	16	iPc	34 01.80	-1.0
	0.6s	51.00nm			5.4mb
			pP	34 17.50	65kmX
NEW	31.80	341	eP	34 07.00	-1.6
SES	32.26	349	ePc	34 12.00	-0.6
	1.0s	50.00nm			5.2mb
RSON	32.53	10	iP	34 13.30	-1.6
	1.1s	18.60nm			4.8mb
PNT	33.53	339	iP	34 23.00	-0.7
	0.7s	23.00nm			5.1mb
SKLY	34.03	37	eP	34 26.00	-2.0
OTT	34.17	34	eP	34 27.00	-2.1
PGC	34.43	334	ePd	34 31.20	-0.1
EDM	35.39	348	iPc	34 38.50	-1.0
FFC	35.75	360	iPc	34 41.50	-0.9
	0.7s	46.00nm			5.5mb
MIM	37.81	39	eP	34 59.00	-0.9
YKA	44.44	352	eP	35 53.40	-0.6
SCH	44.68	28	eP	35 54.00	-2.0
LPB	48.41	135	iP	36 25.00	-1.2
	1.0s	50.00nm			5.3mb
CNCB	48.68	135	iP	36 27.70	-0.8
PNL	48.81	336	eP	36 28.60	0.3
FRB	50.18	19	eP	36 37.00	-1.7
			pP	37 56.00	389kmX
TPZ	51.60	139	Pd	37 03.80	13.4X
INK	53.21	346	ePc	37 00.70	-0.6
	1.0s	53.00nm			5.5mb
			pP	38 08.00	315kmX
KDC	53.57	329	eP	37 04.00	0.0
PMR	53.84	334	eP	37 05.70	-0.3
YJA	54.14	137	ePd	37 07.80	-1.5
COL	55.10	338	iP	37 14.10	-1.1
IMA	57.80	338	ePc	37 33.00	-1.6
MBC	58.07	355	iPc	37 34.60	-1.6
	0.6s	34.00nm			5.5mb
			pP	38 27.00	232kmX
MDZ	60.40	148	eP	37 51.40	-1.3
BAO	63.16	119	eP	38 10.10	-1.5
ALE	65.45	5	ePc	38 23.20	-2.2
	0.7s	14.00nm			5.0mb
ADK	66.02	319	iP	38 27.60	-1.8
SOB1	66.27	109	eP	38 31.70	0.1
	0.8s	10.40nm			4.8mb
VAO	67.88	126	eP	38 40.70	-1.0
			e	39 59.40	
ITR	68.30	108	iPc	38 44.90	0.5
	1.3s	9.90nm			4.5mb
			e	39 04.60	
			e	39 21.90	
DAG	70.14	14	iPd	38 52.70	-2.0
	0.5s	21.13nm			5.2mb
EKA	79.49	35	Pc	39 48.30	0.0
	1.1s	18.50nm			4.8mb
GRR	83.13	41	iPc	40 08.70	1.2
	0.6s	12.10nm			5.0mb
LPF	83.14	42	iPc	40 08.50	0.9
	1.0s	23.70nm			5.1mb
FLN	83.23	41	iPc	40 09.10	1.0
	0.9s	30.70nm			5.2mb
AVE	83.43	57	iP	40 10.50	1.1
LDF	83.51	41	iPc	40 10.60	1.1
	1.0s	36.00nm			5.2mb
TOL	83.88	50	eP	40 07.50	-4.7
NB2	84.22	27	P	40 13.60	0.7
	0.8s	6.20nm			4.6mb
MFF	84.22	43	iPc	40 14.00	0.9
	1.0s	40.00nm			5.3mb
KEV	84.54	16	iP	40 15.00	0.7
	0.6s	14.30nm			5.1mb
MAL	84.66	53	iPc	40 12.00	-3.5X
CRT	85.11	52	iP	40 20.00	2.1
LFF	85.41	44	iPc	40 20.10	1.0
	0.8s	82.00nm			5.7mb
LSF	85.43	43	iPc	40 19.90	0.7
DOU	85 78	38	Pc	40 22.70	1.9

28d 19h

RJF	85.78	44	iPc	40	21.40	0.5
	0.8s	48.30nm			5	5mb
LPO	85.80	44	iPc	40	21.70	0 6
	0.8s	17.10nm			5.1mb	
TCF	85 85	42	Pc	40	21.30	0.0
EPF	85.86	46	iPc	40	22.10	0.7
	0 9s	44.20nm			5	5mb
GPC	85.99	41	iPc	40	22.20	0.3
SCD	86.05	18	iP	40	21.20	-0.6
MZF	86.11	42	iPc	40	22.70	0.1
	0 8s	41 50nm			5.5mb	
BGF	86 14	42	iPc	40	22 60	-0.1
	0.9s	37.70nm			5.4mb	
WTS	86.23	36	eP	40	23 50	0.5
	0.9s	21 00nm			5.1mb	
ENN	86.26	37	eP	40	24.00	0.8
	0.9s	28.00nm			5.3mb	
CAF	86.28	44	iPc	40	24.10	0.6
	0.8s	16.10nm			5.1mb	
SSF	86.36	41	iPc	40	23.70	0.0
	0.8s	36.20nm			5.4mb	
AVF	86.37	42	iPc	40	23.50	-0.3
	0.9s	22.10nm			5.2mb	
MEM	86.38	37	Pc	40	25.20	1.5
MLS	86.39	46	eP	40	24.50	0.5
LOR	86.49	41	iPc	40	24.60	0.2
	1.0s	56.00nm			5.6mb	
LBF	86.68	41	iPc	40	25.10	-0.3
	0.9s	31.80nm			5.3mb	
SMF	86.74	42	iPc	40	25.20	-0.4
	0.8s	11.20nm			4.9mb	
WLF	86.87	38	Pc	40	27.00	0.9
UPP	87.54	26	iP	40	28.40	-0.7
HAU	87.71	40	iPc	40	30.30	0.0
	0 7s	7.20nm			4.8mb	
GMF	88.04	38	ePKP	40	32.00	0.2
BSF	88 05	40	iPc	40	31.70	-0.3
CDF	88 09	39	iPc	40	32.00	-0.2
	0 7s	4.40nm			4.6mb	
KJF	88 53	20	iP	40	33.80	-0.1
	0.7s	16 00nm			5.2mb	
SUF	89.01	21	iP	40	35.50	-0 7
	0.7s	29.90nm			5.5mb	
SLE	89.11	39	eP	40	37.30	0.3
ZUL	89.18	40	eP	40	38.10	0.8
DIX	89.21	41	eP	40	38.70	0.9
MOX	89.53	36	eP	40	40.00	1.2
MMK	89.57	41	eP	40	40.70	1.3
LRG	89.71	44	iPc	40	40.00	0.2
	0.9s	11.60nm			5.0mb	
ORO	89.77	41	eP	40	41.00	0.8
GRF	89.78	37	iPc	40	44.30	4.3X
	1.1s	20.00nm			5.1mb	
Z	21s	0.10um			4.2Msz	
LLS	89.83	40	eP	40	41.20	0.6
FRF	89.85	44	eP	40	40.50	0.0
SAX	89.86	39	eP	40	41.20	0.4
NUR	89.93	23	iP	40	40.20	-0 3
	0.5s	8.40nm			5.1mb	
Z	23s	0.20um			4.5MszX	
		LR		19	40.00	
CLL	89.95	35	eP	40	41.00	0.2
	1.6s	13.00nm			4.8mb	
OSS	90.61	40	eP	40	44.90	0.8
BPG	90 68	35	iP	40	44 90	0.7
	1.2s	19 00nm			5	2mb
KHC	91.39	36	iP	40	48 50	1.0
		e		41	27.00	
PRU	91 48	35	P	40	48.50	0.7
CTA	91.83	40	eP	40	50.00	0.3
ZST	93.86	36	eP	41	00.00	1.2
JCS	95.56	34	ePc	41	07.50	0.8
	1.0s	22.20nm			5.6mb	
WB2	127.19	259	iPKPc	46	45.80	-0.7
WRA	127.20	259	PKPc	46	45.90	-0.6
	0.6s	3.30nm				
QUE	130.01	13	ePKP	46	53.00	1.1
KKN	133.07	351	ePKP	46	58.40	0.6
	0.8s	13.00nm				
PKI	133.26	351	ePKP	46	58.40	0.1
	0.7s	6.00nm				
DMN	133.27	351	ePKP	46	58.80	0.6
	0.7s	6 00nm				
CHG	137.31	330	ePKP	47	08.00	2.2
CHTO	137.31	330	ePKP	47	06.70	0.9
	0.8s	2.38nm				
HYB	143.90	359	ePKPc	47	14.50	-3.0X

	1.0s	60.00nm			
MRWA	144.08	246	ePKP	47	14.00	-3.5X
NAU	144.93	258	ePKP	47	17.60	-1.5
IPM	147.55	314	ePKPd	47	27.10	3.4X
			e	47	46.00	
KGM	147.67	307	ePKPd	47	28.50	4.6X
GBA	147.69	1	PKPd	47	26.80	3.0X
	0.9s	68.30nm				
S.D. = 1.0 on 146 of 156 obs.						

& MAY 28, 1985 19h 54m 26.10s
36.302 N 122.117 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.8 (BRK).

PRS	0.60	87	iPd	54	37.20	-1.0
			iS	54	47.00	
SAO	0.71	49	iPd	54	39.20	-1.1
GCC	0.73	8	iPc	54	40.30	-0.4
			iS	54	50.60	
LLA	1.00	71	iPd	54	44.70	-0.8
SLD	1.06	43	eP	54	46.00	-0.5
MHC	1.11	20	ePc	54	46.60	-0.8
PRI	1.18	97	eP	54	47.40	-1.4
			i	55	04.30	
			iS	55	05.50	
PCC	1.21	350	e(P)	54	47.30	-1.8
PHAM	1.47	108	e(P)	54	51.80	-1.5
BKS	1.57	357	e(P)	54	56.10	1.4
			eS	55	17.30	
10 obs. associated						

• MAY 28, 1985 20h 13m 20.98± 1.16s
32.198 S ± 9.7km 67.901 W ± 9.7km
DEPTH = 10.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

RTCV	0.64	302	iPd	13	37.30	3.5X
			S	13	46.60	
CFA	0.66	334	iPd	13	33.50	-0.6
			S	13	38.70	
RTLL	0.99	331	ePd	13	39.00	-0.8
RTCB	1.04	313	iPc	13	42.20	1.5
			S	13	53.20	
MDZ	1.05	229	eP	13	40.60	-0.3
RFA	2.61	190	ePd	14	12.50	8.5X
			S	14	59.00	
TCA	2.95	74	ePc	14	09.00	0.2
			S	14	50.60	
S.D. = 1.3 on 5 of 7 obs.						

• MAY 28, 1985 23h 12m 12.69± 1.77s
45.441 N ±15.5km 10.269 E ± 8.8km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)

CTI	1.14	57	ePg	12	34.00	-0.1
			eSg	12	50.50	
VDL	1.18	332	eP	12	34.50	-0.4
OSS	1.25	356	eP	12	35.60	-0.4
ORO	1.62	277	e(Pg)	12	41.50	0.0
LLS	1.68	329	eP	12	41.80	-0.6
MMK	1.73	292	eP	12	43.00	-0.1
SAX	1.92	341	eP	12	47.70	1.7
SLE	2.63	333	eP	13	00.60	4.7X
S.D. = 1.0 on 7 of 8 obs.						

MAY 28, 1985 23h 48m 07.02± 0.78s
40.064 N ± 7.1km 29.360 E ± 6.6km
DEPTH = 10 0km (geophysicist)
TURKEY (366)

DST	0.73	231	iPg	48	20.70	-0.6
GPA	0.76	73	iPg	48	21.40	-0.5
			iSg	48	33.10	
KCT	0.79	284	iPg	48	21.90	-0.5
			iSg	48	32.90	
ISK	1.03	347	iPn	48	25.90	-0.5
EDC	1.18	284	iPn	48	28.30	-0.7
CTT	1.29	327	iPn	48	30.70	-0.3
MFT	1.74	295	iPn	48	39.40	1.8
DMK	2.13	326	iPn	48	42.70	-0.5
IZM	2.33	225	ePn	48	51 90	5.9X
EZN	2.34	265	ePn	48	45 40	-0.8
BCK	2.77	159	ePn	48	53.10	0.8
YER	3.04	196	iPn	49	04.60	8.5X

JMB	3.19	320	eP	48	58.00	-0.1
KDZ	3.43	299	iP	49	09.00	7.5X
DIM	3.48	306	eP	49	05.00	2.8
PVL	4.40	316	e(P)	49	30.00	14.7X
MMB	4.54	291	iPc	49	16.00	-1.3
OHR	6.60	282	ePn	49	47.00	0.4
S.D. = 1.2 on 14 of 18 obs.						

? MAY 29, 1985 00h 25m 51.72± 2.55s
20.944 S ±44.4km 177.791 W ±22.5km
DEPTH = 517.3 ± 19.8 km
4.8mb (4 obs.)
FIJI ISLANDS REGION (181)

KRO	4.49	323	iP	27	16.50	0.5
NGA	4.83	304	ePc	27	17.00	-1.9
SGE	5.25	309	iPd	27	23.90	1.1
NDF	5.50	304	eP	27	26.50	1.6
YSA	6.09	313	iPd	27	30.00	-0.5
AFI	9.05	40	P	28	00.00	-0.5
			S	29	38.00	
CTA	33.64	265	iPd	31	50.80	0.4
	0.8s	18.67nm			4.8mb	
PMG	35.64	283	eP	32	06.00	-1.0
ASPA	44.61	257	iPd	33	20.00	0.7
	0.9s	40.00nm			4.9mb	
WB2	44.72	262	eP	33	19.80	-0.3
WRA	44.73	262	Pd	33	19.70	-0.5
	0.6s	18.20nm			4.8mb	
MBL	57.86	258	iPd	34	55.60	-0.2
COL	88.63	12	eP	37	50.00	0.3
	0.8s	11.57nm			4.8mb	
MUD	144.16	353	iPKPd	44	29.80	0.6
	0.5s	8.00nm				
EKA	145.43	5	PKP	44	33.00	1.6X
	1.1s	9.00nm				
KSP	148.17	343	ePKP	44	41.00	5.1X
CLL	148.54	347	iPKP	44	42.00	5.5X
BRG	148.74	346	iPKP	44	42.90	6.1X
	0.8s	16.00nm				
			i	44	48.00	
WTS	148.80	355	ePKP	44	43.00	6.2X
	0.8s	12.00nm				
PRU	149.41	344	PKP	44	44.80	7.0X
			e	44	50.80	
MOX	149.44	348	iPKPc	44	44.50	6.6X
ENN	150.09	355	ePKP	44	46.50	7.7X
	0.8s	5.00nm				
			e	44	53.00	
MEM	150.24	355	PKP	44	46.30	7.3X
KHC	150.44	345	ePKP	44	47.00	7.5X
			e	44	55.50	
DOU	150.85	357	PKP	44	48.10	8.1X
WLF	151.17	355	PKP	44	49.40	9.0X
S.D. = 1.0 on 14 of 26 obs.						

• MAY 29, 1985 01h 07m 43.75± 1.88s
33.162 S ± 9.8km 72.389 W ±17.5km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.14	134	iPc	08	04.20	0.8
			iS	08	13.90	
ROCH	1.17	81	iPd	08	02.60	-1.5
TACH	1.31	112	iPc	08	05.70	-0.2
PEL	1.43	90	iPd	08	07.50	-0.2
SAN	1.48	102	iPd	08	08.10	-0.2
			iS	08	25.50	
JACH	1.58	73	iPd	08	08.80	-1.2
BACH	1.60	97	iPd	08	10.10	-0.1
PCH	1.63	107	iPd	08	10.50	-0.2
CHCH	1.64	118	iPd	08	11.30	0.6
FCH	1.77	96	iPd	08	13.00	0.2
MDZ	2.99	86	iP	08	34.20	4.3X
			iS	09	11.60	
RTCB	3.47	62	iPd	08	40.00	3.2X
			S	09	22.00	
RTCV	3.50	69	ePd	08	39.50	2.2X
			S	09	26.30	
ZON	3.53	64	eP	08	41.00	3.3X
RFA	3.63	117	ePc	08	40.30	1.2
			S	09	34.00	
RTLL	3.79	62	e(P)	08	43.20	1.9
			S	09	32.00	
CFA	3.84	67	ePc	08	42.40	0.4
			S	09	34.00	
TCA	6.85	77	ePc	09	20.30	-4.3X

			S	10 39.90		
CYA	7.37	52	iPd	09 27.90	-3.9X	
			S	09 55.00		
ANT	9.58	11	e(P)	10 20 30	17.9X	
VBA	9.78	123	ePc	10 01 80	-3.4X	
SLA	10.34	37	e(P)	10 15.00	1.9	
TPZ	12.10	17	eP	11 01.00	23.9X	
CNCB	16.76	15	eP	11 39.00	0.8	
LPB	17.01	14	eP	11 41.00	-0.1	
			eLR	18 25.00		
VAO	24.55	72	eP	13 00.60	-1.2	
			e	13 19.90		
BAO	28.14	58	e(P)	13 33.60	-1.5	
ITR	39.64	60	eP	15 12.70	-1.6	
SPA	57.01	180	e(P)	17 32.00	3.4X	
S.D. = 1.1 on 19 of 29 obs.						

? MAY 29, 1985 01h 12m 35.35± 3.83s
33.316 S ±10.4km 71.766 W ±34.1km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.70	155	iPc	12 48.50	-0.3	
			iS	13 01.70		
ROCH	0.72	62	iPd	12 46.80	-2.5	
			iS	12 56.60		
TACH	0.77	116	iPd	12 49.50	-0.3	
			iS	13 04.50		
PEL	0.92	80	iPd	12 51.40	-0.6	
SAN	0.93	99	iPc	12 52.20	0.0	
			iS	13 09.30		
BACH	1.07	92	iPd	12 54.30	0.2	
PCH	1.09	107	iPc	12 55.00	0.6	
CHCH	1.11	124	iPc	12 55.20	0.5	
JACH	1.17	58	iPd	12 53.20	-2.4	
FCH	1.24	91	iP	12 56.90	0.2	
MDZ	2.49	81	eP	13 18.90	4.4X	
			iS	13 58.70		
RTCV	3.09	63	eP	13 25.70	2.7	
RFA	3.10	119	e(P)	13 31.70	8.5X	
RTCB	3.10	55	ePd	13 24.00	0.8	
			S	14 09.00		
ZON	3.15	57	eP	13 25.00	1.1	
RTLL	3.42	56	ePd	13 28.80	1.0	
TCA	6.39	74	e(P)	14 08.60	-1.1	
			S	15 24.60		
S.D. = 1.4 on 15 of 17 obs.						

* MAY 29, 1985 01h 32m 00.54± 1.09s
43.097 N ± 8.4km 2.000 W ±13.3km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
ML 3.3 (LDG). Felt (II) at Pamplona.

LGR	0.74	210	ePg	32 14.50	-0.5	
			iSg	32 24.30		
EPF	1.72	91	Pn	32 28.80	-1.9	
			Sn	32 54.60		
MLS	2.27	92	eP	32 37.60	-1.0	
LFF	2.70	46	Pn	32 46.80	2.1	
			Sn	33 20.40		
LPO	2.80	54	Pn	32 47.80	1.6	
			Sn	33 22.00		
EBR	2.94	140	(Pn)	32 50.00	1.9	
			eSn	33 28.00		
RJF	3.36	48	Pn	32 55.20	1.1	
			Sn	33 35.20		
CAF	3.46	57	Pn	32 55.40	-0.1	
			Sn	33 36.40		
TOL	3.56	206	ePn	33 01.50	4.5X	
			eSn	33 35.50		
			eSb	33 46.00		
			iSg	33 57.00		
LSF	4.03	37	Pn	33 04.00	0.3	
			Sn	33 52.00		
TCF	4.38	42	Pn	33 08.40	-0.2	
			Sn	33 59.10		
MZF	4.52	45	Pn	33 09.80	-0.8	
			Sn	34 02.40		
BGF	4.88	43	Pn	33 15.20	-0.6	
			Sn	34 11.60		
SSF	5.56	43	Pn	33 24.20	-1.1	
			Sn	34 28.60		
LOR	5.88	43	Pn	33 28.80	-0.9	
DOU	8.34	31	P	34 04.40	0.1	
			Sn	35 40.60		
			e	05 14.30		
S.D = 1.3 on 15 of 16 obs.						

MAY 29, 1985 02h 03m 06.25± 0.70s
46.252 N ± 7.2km 6.979 E ± 7.1km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.9 (LDG)

EMS	0.19	190	iPd	03 09.20	-1.3	
DIX	0.35	120	iPd	03 13.60	0.1	
MMK	0.71	106	eP	03 21.00	0.5	
ROF	1.43	358	iPgd	03 31.60	-0.6	
BSF	1.59	355	Pn	03 33.10	-1.4	
			Pg	03 34.50		
			Sg	03 55.00		
HAU	1.81	346	Pn	03 35.90	-1.8	
			Sg	04 00.90		
SLE	1.83	34	eP	03 39.80	1.7	
CDF	2.17	5	Pg	03 45.60	2.6X	
			Sg	04 14.80		
LBF	2.20	291	Pg	03 44.40	1.1	
			Sg	04 11.00		
SMF	2.21	281	Pg	03 44.00	0.6	
			Sg	04 11.60		
OSS	2.23	78	eP	03 49.90	5.9X	
LOR	2.37	296	Pg	03 47.00	1.1	
			Sg	04 15.60		
SSF	2.53	290	Pg	03 51.30	3.3X	
			Sg	04 22.00		
AVF	2.56	283	Pg	03 52.20	3.7X	
			Sg	04 21.90		
FRF	2.70	185	Pg	03 56.00	5.5X	
			Sg	04 31.60		
LRG	2.83	189	Pg	03 58.60	6.3X	
			Sg	04 36.00		
BGF	2.88	278	Pg	03 57.00	4.0X	
			Sg	04 31.20		
MZF	3.05	271	Pg	04 00.00	4.6X	
			Sg	04 38.40		
WLF	3.46	351	eP	04 50.50	49.3X	
S.D. = 1.4 on 10 of 19 obs.						

? MAY 29, 1985 02h 51m 58.40± 1.04s
51.124 N ±21.2km 178.407 W ±12.9km
DEPTH = 33.0km (normal)
4.6mb (7 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	1.32	54	iP	52 22.50	1.9	
TTA	16.87	37	eP	55 56.30	3.0	
IMA	19.54	31	eP	56 24.70	-1.2	
COL	21.00	37	eP	56 40.00	-0.9	
	0.7s		5.14nm		4.0mb	
MBC	33.75	22	eP	58 37.00	-1.4	
YKA	35.23	46	eP	58 51.20	0.0	
YKC	35.29	46	eP	58 51 00	-0.7	
EUR	44.16	80	eP	00 07.00	1.3	
	0.8s		5.90nm		4.5mb	
BDW	46.14	72	eP	00 22 00	0.5	
	1.1s		4.94nm		4.4mb	
				00 31.80		
ALQ	52.91	78	eP	01 13.20	-0.3	
	0.9s		2.31nm		4.1mb	
FRB	53.12	32	eP	01 12.00	-2.4	
TUL	58.73	70	eP	01 54.60	-0.5	
	0.8s		7.10nm		4.8mb	
			e	02 04.70		
RLO	59.00	70	eP	01 55.90	-1.2	
BHO	60.33	71	eP	02 05.70	-0.4	
KKN	72.62	293	iP	03 25.20	0.6	
PKI	72.71	292	iP	03 26.20	0.9	
	0.7s		24.00nm		5.3mb	
DMN	72.86	293	iP	03 26.90	0.8	
	0.7s		17.00nm		5.2mb	
SLR	147.47	311	iPKPc	11 41.50	3.7X	
S.D. = 1.4 on 17 of 18 obs.						

* MAY 29, 1985 03h 42m 31.48± 1.25s
5.841 S ±10.0km 150.997 E ±25.9km
DEPTH = 33.0km (normal)
3.5mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	0.53	6	iP	42 41.50	-1.0	
			iS	42 50.00		
KVG	3.25	356	eP	43 22.50	1.1	
LAT	4.05	258	eP	43 42.00	9.2X	
LMG	4.15	223	eP	43 34 00	-0.3	
ALOA	4.47	188	e(P)	43 39.00	0.3	
PMG	5.20	227	eP	43 49.00	-0.1	
MOM	5.21	316	iPc	43 54 50	5.4X	
WB2	21.41	228	eP	47 17 80	-1.0	
WRA	21.42	228	P	47 20.00	1.1	
	0.8s		1.80nm		3.5mb	
VTS	121.22	317	iPdiff	57 42 00	-7.3X	
S.D. = 1.1 on 7 of 10 obs						

* MAY 29, 1985 04h 24m 57.37± 1.53s
5.913 S ±12.8km 151.329 E ±24.9km
DEPTH = 33.0km (normal)
3.3mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	0.66	335	iP	25 09.00	-1.2	
			iS	25 20.00		
RAB	1.90	26	eP	25 28.00	-0.1	
	0.4s		542.37nm			
			iS	25 53.50		
KVG	3.36	351	eP	25 50.20	1.4	
LMG	4.33	226	eP	26 02.00	-0.8	
LAT	4.37	260	eP	26 12.00	8.9X	
PMG	5.40	230	eP	26 19.50	1.7	
WB2	21.61	228	eP	29 46.80	0.1	
WRA	21.61	228	Pc	29 45.70	-1.1	
	0.7s		1.00nm		3.3mb	
S.D. = 1.4 on 7 of 8 obs.						

MAY 29, 1985 05h 36m 42.88± 0.74s
40.395 N ± 7.7km 26.233 E ± 7.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.57	173	iPg	36 54.40	-0.1	
			iSg	37 04.40		
EDC	1.25	92	iPn	37 06.30	0.3	
KDZ	1.41	332	iP	37 09.00	0.4	
KCT	1.63	94	ePn	37 12.70	1.0	
DIM	1.72	344	ePg	37 14.00	1.0	
DMK	1.83	38	iPn	37 13.20	-1.4	
DST	2.00	112	ePn	37 16.70	-0.5	
PLD	2.06	326	eP	37 22.00	4.1X	
JMB	2.09	7	eP	37 22.00	3.7X	
IZM	2.15	158	ePn	37 23.00	3.7X	
MMB	2.24	303	eP	37 20.00	-0.6	
PVL	2.86	344	eP	37 38.00	8.6X	
S.D. = 1.0 on 8 of 12 obs						

MAY 29, 1985 06h 01m 36.57± 0.35s
46.272 N ± 3.8km 6.831 E ± 3.6km
DEPTH = 9.0 ± 2.8 km
SWITZERLAND (544
ML 3.4 (LDG), 2.7 (KBA)

EMS	0.21	161	ePd	01 41.60	0.3	
DIX	0.45	115	ePd	01 46.00	0.3	
MMK	0.82	105	eP+	01 52.40	-0.3	
ORO	1.03	129	ePg	01 56.00	-0.2	
ROF	1.41	2	iPnc	02 02.80	0.4	
BSF	1.56	359	Pn	02 04.80	0.2	
			Pg	02 06.60		
			Sg	02 26.60		
LLS	1.61	67	eP+	02 08.80	3.4X	
ZUL	1.61	41	ePd	02 08.30	3.0X	
HAU	1.77	349	Pn	02 07.70	0.2	
			Sg	02 33.20		
SLE	1.88	37	eP	02 13.50	4.4X	
SAX	1.99	60	eP	02 14.90	3.9X	
LBF	2.09	291	Pg	02 16.60	4.3X	
			Sg	02 42.40		
SMF	2.10	281	Pn	02 12.80	0.4	
			Pg	02 16.50		
			Sg	02 43.00		
CDF	2.16	8	Pn	02 12.50	-0.8	
			Pg	02 18.00		
			Sg	02 46.40		
LOR	2.27	297	Pg	02 19.60	4.7X	
			Sg	02 48.00		
SSF	2.42	290	Pn	02 18 10	1.1	
			Pg	02 23.70		
			Sg	02 54 40		
AVF	2.46	283	Pn	02 17.40	0.0	
			Pg	02 24.40		
			Sg	02 54.40		

29d 06h

BUH	2.58	21	ePnc	02 17.60	-1.7
FRF	2.71	183	Pn	02 21.60	0.4
			Pg	02 28.60	
			Sg	03 05.00	
BGF	2.77	277	Pn	02 21.60	-0.4
			Pg	02 28.80	
			Sg	03 06.10	
GRC	2.78	293	iPc	02 26.90	4.9X
			i	02 31.60	
LRG	2.84	187	Pg	02 31.00	8.1X
			Sg	03 08.80	
MZF	2.95	2 0	Pn	02 23.00	-1.4
			Pg	02 31.60	
			Sg	03 11.80	
OGA	2.95	77	ePn	02 33.00	8.3X
TCF	3.20	272	Pn	02 27.40	-0.7
			Pg	02 37.20	
			Sn	03 05.20	
			Sg	03 18.00	
CTI	3.36	92	ePn	02 39.00	8.7X
			eSn	03 23.50	
WLF	3.43	353	eP	03 26.70	55.6X
CAF	3.61	250	Pn	02 34.00	0.2
			Sg	03 31.60	
LSF	3.68	272	Pn	02 34.40	-0.4
			Pg	02 46.00	
			Sn	03 15.80	
			Sg	03 32.00	
DDU	4.11	339	Pn	02 41.80	1.0
			Sn	03 27.60	
MEM	4.37	3 3	Pnc	02 44.80	0.2
ENN	4.54	353	e(Pn)	02 48.00	1.1
	0.8s		6.00nm		
KBA	4.56	77	e(Pn)	03 05.00	17.6X
			iSn	03 45.20	
			iSg	04 03.30	
KHC	5 38	55	ePg	03 11 40	12.5X
			Sg	04 27.00	
BRG	6.59	43	e(P)	03 29.00	13.0X
			e	05 12.00	
	S.D = 0.8		on	21 of 35 obs.	

* MAY 29, 1985 06h 21m 58.58± 0.87s
21.966 N ± 7.3km 121.034 E ±24.7km
DEPTH = 33.0km (normol)
3.6mb (1 obs.)
TAIWAN REGION (243)

TWK	1.39	339	Pc	22 22.00	0.1
TWF1	1.40	10	eP	22 21.50	-0.5
TWQ	2.31	355	iPd	22 35.30	0.2
TWC	2.74	16	iPc	22 42.00	0.9
TATO	3.02	8	e(P)	22 44.50	-0.7
WRA	43.64	162	P	30 02.00	0.2
	0.8s		1.00nm	3.6mb	
WB2	43.64	162	eP	30 01.70	-0.2
	S.D = 0.7		on	7 of 7 obs.	

MAY 29, 1985 06h 59m 24 63± 0.71s
5.936 S ± 7.4km 146.451 E ± 8.1km
DEPTH = 33.0km (normol)
3.2mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.90	143	iPc	59 39.90	-1.0
LMG	3 40	150	eP	00 17.00	0.2
PMG	3 52	169	eP	00 18.50	0.1
WEW	3.68	310	e(P)	00 20.00	-0.5
KVG	5.47	53	eP	00 46 50	0.5
WB2	18.23	219	eP	03 37.00	0.1
WRA	18.23	219	Pd	03 37.50	0.5
	0.4s		0.80nm	3.2mb	
	S.D. = 0.7		on	7 of 7 obs.	

? MAY 29, 1985 08h 23m 31.71± 4.71s
33.893 S ±14.5km 71.783 W ±38.2km
DEPTH = 33.0km (normol)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.32	102	iPc	23 39.00	-0.6
			iS	23 45.00	
TACH	0.74	72	iPc	23 45.10	-0.7
			iS	23 57.20	
CHCH	0 94	93	iPd	23 48.50	-0.1
SAN	1 03	65	iPd	23 49.90	0.0
			iS	24 06.60	
PCH	1.03	76	iPc	23 50.60	-0.2
ROCH	1.12	35	iPd	23 51.00	-0.4
			iS	24 06 00	
PEL	1.18	51	iP	23 57.00	4.9X
BACH	1.20	64	iPd	23 53.20	0.8
PCH	1.37	66	iPd	23 55.50	0.5
			iS	24 15.00	
JACH	1.57	40	iPc	23 58.10	0.5
			iS	24 19.30	
MDZ	2.65	69	eP	24 17.40	4.3X
			iS	24 55.20	
RFA	2.88	109	ePc	24 17.30	0.9
TCA	6.58	69	e(P)	25 08.20	-0.6
	S.D. = 0.6		on	11 of 13 obs.	

* MAY 29, 1985 08h 52m 27.34± 0.46s
23.696 N ± 5.7km 142.015 E ±14.7km
DEPTH = 33.0km (normol)
4.9mb (4 obs.)
VOLCANO ISLANDS REGION (213)

KYS	11.58	352	eP	55 14.00	0.7
OYM	11.93	349	eP	55 18.30	0.2
SRY	12.11	349	eP	55 20.50	0.1
DDR	12.50	349	eP	55 25.90	0.1
TSK	12.58	353	eP	55 26.10	-0.7
MAT	13.22	346	(P)	55 35.00	-0.2
	0.8s		15.67nm	5.1mb	
WB2	44.01	190	eP	00 33.20	-0.4
WRA	44.02	190	Pc	00 34.00	0.4
	0.5s		7.10nm	4.7mb	
CDL	60.40	27	eP	02 36.00	0.5
YKA	75.20	28	eP	04 07.70	-0.4
YKC	75.26	28	eP	04 07 00	-1.4
EDM	79.63	36	iPd	04 33.00	0.2
SES	82.18	38	ePc	04 46.10	-0.2
LRM	83.46	43	ePc	04 53.50	0.2
FFC	84.70	32	eP	04 59.00	0.0
	0.9s		8.00nm	4.9mb	
ALQ	92.78	50	eP	05 39.00	0.8
	0.9s		3.57nm	4.8mb	
LPB	150.88	81	PKP	12 13.80	0.4
CNCB	151.08	82	ePKP	12 10.00	-3.9X
	S.D. = 0.6		on	17 of 18 obs.	

MAY 29, 1985 09h 05m 42.39± 0.60s
28.417 S ± 6.8km 67.492 W ± 9.7km
DEPTH = 96.2 ± 17.1 km
LA RIOJA PROVINCE, ARGENTINA (138)

CYA	1.50	91	ePd	06 08.80	0.0
			S	06 30.00	
FSA	2.67	30	iPd	06 23.80	-0.5
			S	07 00.00	
RTLL	3.02	196	ePc	06 30.40	1.2
CFA	3.24	191	ePc	06 33.10	0.9
			S	07 23.20	
RTCB	3.26	200	ePc	06 33.50	1.0
ZON	3.28	198	eP	06 36.00	3.2X
RTCV	3.55	195	eP	06 38.00	1.6
TCA	3.85	140	ePc	06 40.60	0 0
			S	07 45.60	
SLA	4.09	26	ePc	06 43.00	-1.0
			e	06 55.20	
			e	07 57.80	
MDZ	4.60	194	eP	06 53.70	2.7X
			i	07 16.90	
			i(S)	07 56 80	
JACH	5.02	211	iPc	06 57.20	0.4
PCH	5.45	205	eP	07 04.00	1.0
PEL	5.45	209	iP	07 02.80	0.0
			i	07 17.10	
			i	08 29.50	
RDCH	5.46	213	iP	07 01.50	-1.5
BACH	5.55	207	ePc	07 04.00	-0.2
SAN	5.71	208	eP	07 06.00	-0.3
PCH	5.80	206	eP	07 06.00	-1.6
CHCH	6.13	205	eP	07 15.00	2.9X
RFA	6.39	187	ePc	07 14.40	-1.3
			S	09 00.30	
LNV	6.46	210	eP	07 13 00	-3.6X
YJA	6.48	17	ePd	07 18.00	0.8
TPZ	7.01	351	P	07 28 00	3 5X
VBA	10.66	156	e(P)	08 12 00	-1 7
VAO	19.26	78	eP	10 03 50	1 5
	S.D = 1.2		on	19 of 24 obs	

% MAY 29, 1985 09h 27m 04 30± 0.81s
39.072 N ± 6.7km 27.617 E ± 8.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.73	202	ePg	27 18.70	0.1
			iSg	27 31.90	
DST	0.95	56	iPn	27 22.20	-0.2
EZN	1.25	307	iPn	27 27.50	0.0
EDC	1.29	8	ePn	27 28.30	0.2
KCT	1.31	26	ePn	27 28.70	0.2
KGT	1.40	350	iPn	27 29.60	-0.2
	S.D. = 0.2		on	6 of 6 obs.	

* MAY 29, 1985 11h 16m 48.08± 0.76s
6.087 S ± 8.6km 147.419 E ±11.8km
DEPTH = 97.4 ± 11.1 km
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.70	216	iPc	17 06.00	0.5
MDG	1.83	297	eP	17 19.00	0.2
PMG	3.31	185	iPd	17 38.90	0.1
MOM	4.02	360	eP	17 47.00	-1.5
WEW	4.54	303	e(P)	18 08.00	12.2X
KVG	4.85	44	iPc	18 01.50	1.5
ALOA	5.11	145	eP	18 02.50	-1.1
WB2	18.73	221	eP	21 00.30	-1.9
WRA	18.74	221	Pc	20 45.00	-17.3X
	0.6s		3.60nm		
ASPA	21.79	215	iPc	21 34.60	1.2
WBN	28.17	223	eP	22 34.40	1.0
MEK	34.26	230	eP	23 27.00	0.1
	S.D. = 1.4		on	10 of 12 obs.	

MAY 29, 1985 12h 23m 31.97± 0.75s
6.300 S ± 7.7km 146.443 E ± 8.5km
DEPTH = 33.0km (normol)
3.2mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.66	122	iPd	23 42.90	-1.9
MDG	1.23	328	eP	23 53.00	0.0
LMG	3.10	147	eP	24 21.00	1.2
PMG	3.17	167	eP	24 21.00	0.3
WEW	3.91	314	e(P)	24 52.00	20.8X
ALOA	5.56	136	eP	24 55.00	0.4
KVG	5.70	50	eP	24 57.00	0.4
WB2	17.94	220	eP	27 40.30	-0.4
WRA	17.95	220	Pc	27 40.70	-0.1
	0.8s		1.70nm	3.2mb	
	S.D. = 1.1		on	8 of 9 obs.	

& MAY 29, 1985 13h 38m 57.32s
60.102 N 152.558 W
DEPTH = 75.0km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.15	302	iP	39 08.11	1.2
			eS	39 17.63	
RDT	0.48	9	iP	39 10.37	-0.3
			eS	39 21.51	
AUL	0.85	212	eP	39 13.54	-0.9
BRLK	0.91	111	eP	39 13.95	-1.3
			eS	39 28.57	
NKA	0.92	45	iP	39 16.55	1.3
			eS	39 30.12	
SPU	1.11	13	iP	39 17.35	-0.5
			eS	39 34.02	
CRP	1.19	9	eP	39 18.42	-0.5
SLKM	1.23	70	iP	39 18.72	-0.6
CGLM	1.24	12	eP	39 19.00	-0.5
SEW	1.56	89	eP	39 21.96	-1.6
			eS	39 41.36	
SUA	1.63	32	eP	39 24.69	0.0
			eS	39 46.36	
MPA	1.64	75	eP	39 23.51	-1.2
SVW	1.82	305	iP	39 25.30	-1.9
PMS	1.87	51	eP	39 27.09	-0.8
			eS	39 49.52	
PTE	1.91	65	eP	39 26.75	-1.6
SKT	1.95	14	eP	39 27.91	-1.1
PWA	2.03	39	eP	39 28.92	-1.1
KNK	2.40	55	eP	39 33.40	-1.9
			eS	40 00.93	
GHO	2.44	45	eP	39 32.19	-3.6
MSE	2.47	44	eP	39 29.90	-6.4
CFI	2.60	63	eP	39 34.56	-3.3

SML 2.68 48 eP 39 37.48 -1.6
GLI 2.81 72 eP 39 37.28 -3.6
FID 3.08 75 eP 39 40.29 -4.4
SCM 3.09 53 eP 39 43.17 -1.6
VZW 3.11 69 eP 39 41.76 -3.4
VLZ 3.24 69 eP 39 43.49 -3.3
KLU 3.54 64 eP 39 48.01 -3.1
eS 40 27.33
KMP 3.95 66 eP 39 53.57 -3.3
29 obs. associated

MAY 29, 1985 15h 15m 16.26± 0.36s
29.914 S ± 7.2km 178.582 W ± 6.5km
DEPTH = 33.0km (normal)
5.3mb (16 obs.) 5.6Msz (15 obs.)
KERMADEC ISLANDS (178)
Ms 5.7 (BRK). Felt on Raoul.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 34C
Centroid Location:
Origin Time 15:15:19.3 0.3
Lat 29.64S 0.03 Lon 178.69W 0.03
Dep 10.0 FIX Half-duration 2.9
Moment Tensor; Scale 10**24 D-CM
Mrr=-1.06 0.10 Mtt= 2.80 0.17
Mff=-1.74 0.15 Mrt=-0.13 0.44
Mrf=-1.40 0.42 Mtf= 5.70 0.11
Principal Axes:
T Val= 6.77 Plg= 7 Azm=145
N -0.92 75 29
P -5.86 13 237
Best Double Couple:Mo=6.3*10**24
NP1:Strike=280 Dip=76 Slip= -5
NP2: 12 86 -166

RAO 0.88 41 P 15 27.00 -5.2X
GNZ 9.15 197 eP 17 21.50 -7.5X
S 19 08.00
KRP 9.36 210 iPc 17 33.50 1.6
MNG 11.73 203 P 17 58.00 -6.2X
S 20 06.00
SVA 12.05 346 eP 18 09.00 0.4
WEL 12.57 204 eP 18 22.00 6.6X
S 20 24.00
NDF 12.63 342 eP 18 18.00 1.6
SGE 12.68 345 ePc 18 18.00 0.9
NOU 15.42 296 iPc 18 58.30 5.3X
AFI 17.12 23 P 19 11.00 -3.8X
eS 22 20.00
KOU 18.07 297 iPc 19 26.40 0.1
RAR 19.03 67 P 19 38.00 -0.2
S 23 00.00
CAN 27.76 250 eP 21 04.50 0.5
WAM 27.89 248 eP 21 06.20 1.1
YOU 28.25 253 eP 21 09.30 0.9
HNR 28.60 311 eP 21 10.00 -1.6
eS 26 03.00
VSG 28.89 311 P 21 11.00 -3.3X
SVO 28.90 311 (P) 21 24.00 9.7X
TAU 30.14 235 iPc 21 25.60 0.4
eS 26 36.00
CMS 30.56 258 eP 21 28.00 -1.1
TOO 30.70 246 eP 21 30.00 -0.3
CTA 33.22 279 iPc 21 52.70 0.2
1.4s 62.79nm 5.3mb
iS 27 17.00
i(SS) 29 18.00
STK 34.10 256 eP 22 00.00 0.0
ALOA 34.90 297 e(P) 22 15.00 8.1X
ADE 36.19 251 iPd 22 17.50 -0.3
1.1s 70.89nm 5.5mb
RAB 37.67 307 eP 22 16.00 -14.3X
PMG 37.95 295 e(P) 22 34.00 1.4
KVG 39.78 307 eP 22 50.00 2.1
MDG 41.60 299 eP 23 03.00 0.1
ASPA 42.63 267 iPd 23 10.30 -1.1
1.2s 88.00nm 5.4mb
eS 29 35.00
WB2 43.56 272 iPd 23 17.50 -1.5
WRA 43.57 272 Pc 23 18.10 -1.0
0.6s 23.70nm 5.1mb
DRV 44.40 202 e(P) 23 28.00 2.9
WBN 48.18 260 eP 23 53.30 -2.3
SBA 48.48 184 iPc 23 57.60 0.4
1.5s 69.44nm 5.5mb
Z 18s 3.78um 5.4Msz

i 24 05.10
KNA 50.13 274 eP 24 09.70 -0.9
KLB 54.03 251 eP 24 37.00 -2.6X
MBL 55.69 264 eP 24 51.00 -0.9
GUA 55.71 316 eP 24 56.50 4.4X
0.8s 167.16nm 6.1mb
GUMO 55.78 316 eP 24 56.50 4.0X
PJG 55.78 316 eP 24 56.30 3.8X
AAI 56.60 287 eP 25 05.00 6.4X
1.4s 141.30nm 5.8mb
SPA 60.25 180 eP 25 22.30 -1.3
0.8s 4.17nm 4.6mb
Z 21s 4.12um 5.5Msz
DAV 64.98 295 eP 25 50.00 -5.4X
eS 34 35.00
OCP 73.07 298 eP 27 02.00 16.7X
MAT 77.56 326 eP 27 08.00 -2.5
1.0s 15.00nm 5.0mb
Z 20s 3.01um 5.6Msz
eS 37 05.00
SHK 78.89 321 eP 27 22.60 4.8X
KGM 80.70 278 eP 27 31.00 3.0X
HKC 82.89 301 eP 27 55.00 15.8X
SSE 83.41 311 eP 27 47.70 6.1X
Z 22s 1.80um 5.4Msz
N 26s 2.40um
sS 38 56.00
IPM 83.97 279 ePc 27 49.90 5.0X
BKS 85.56 41 e(P) 28 00.30 8.0X
0.8s 47.00nm 5.8mb
Z 20s 2.90um 5.7Msz
N 20s 2.30um
E 20s 2.00um
e 30 22.80
e 34 43.60
e 36 33.60
eS 38 38.00
e(PPS)39 32.80
eSS 44 20.00
e 46 36.00
eLQ 50 46.80
eLR 54 24.00
WKTM 86.41 45 P 27 56.00 -0.7
FRI 86.44 43 e(P) 27 56.50 -0.2
e 28 03.50
SDW 86.50 47 P 27 51.00 -6.2X
JAS1 86.65 42 e(P) 27 57.00 -0.7
e 28 04.00
VPEM 86.90 45 P 27 58.00 -1.2
GLA 86.96 49 eP 28 00.20 0.9
ORV 87.13 41 eP 28 01.80 1.8
MNA 88.31 43 e(P) 28 06.10 0.2
e 28 12.60
MDZ 88.77 128 eP 28 08.30 0.0
BMN 90.16 42 eP 28 14.00 -0.6
1.2s 20.16nm 5.3mb
EUR 90.29 43 iP 28 13.20 -2.1
0.2s 0.56nm 4.5mb
NST 90.37 288 eP 28 19.60 3.8X
TPM 90.63 69 eP 28 24.50 7.3X
RMU 91.91 48 eP 28 27.80 5.1X
BDT 92.10 289 eP 28 31.00 7.3X
BJI 92.22 316 eP 28 29.00 5.2X
E 20s 1.40um
eS 39 34.00
LTX 92.55 58 eP 28 23.80 -1.9
1.1s 7.53nm 5.0mb
Z 20s 0.99um 5.3Msz
CHG 92.94 290 eP 28 34.00 6.4X
CHTO 92.94 290 eP 28 33.50 5.9X
1.0s 7.00nm 5.0mb
Z 20s 0.94um 5.2Msz
KMI 93.15 297 eP 28 29.00 0.3
sP 28 42.00
SKS 39 04.00
S 39 50.00
ALQ 93.67 52 eP 28 30.00 -0.9
1.5s 36.81nm 5.6mb
Z 18s 4.64um 6.0Msz
TTA 94.27 10 P 28 38.80 6.0X
NEW 95.28 36 P 28 40.00 2.2
Z 18s 1.58um 5.5Msz
BOW 96.13 44 eP 28 43.00 0.9
1.0s 5.60nm 5.0mb
GOL 97.02 48 eP 28 52.50 6.3X
Z 20s 2.10um 5.6Msz
GLD 97.14 48 eP 28 54.00 7.4X

Z 20s 2.60um 5.6Msz
COL 97.51 13 eP 28 53.00 5.6X
Z 20s 3.90um 5.9Msz
FBA 97.51 13 P 28 50.00 2.6
RSSD 100.23 45 ePdiff29 00.00 -0.7
BUL 123.76 211 iPKP 34 15.40 2.4X
QUE 124.03 288 ePKP 34 06.00 -7.3X
MTD 125.22 216 ePKP 34 21.00 5.2X
KRI 126.16 214 ePKP 34 21.00 3.3X
MHI 131.55 294 ePKP 34 31.00 3.6X
e 38 06.00
KJF 141.89 342 ePKP 34 46.00 0.4
1.0s 24.00nm
i 34 53.20
BHD 143.43 287 ePKP 34 52.00 2.8X
SUF 143.49 341 ePKP 34 46.00 -2.4X
MSL 144.68 292 ePKP 34 47.00 -4.3X
e 35 51.20
NUR 145.68 340 iPKP 34 50.50 -1.7
1.0s 142.00nm
Z 24s 2.40um 5.9MszX
i 34 58.00
LR 34 48.00
RTB 146.82 286 ePKP 35 02.00 7.1X
UPP 148.11 345 iPKP 35 01.40 5.3X
i 35 04.30
NB2 148.20 351 PKP 34 57.30 1.0
0.9s 36.90nm
HFS 148.67 348 ePKP 34 58.00 1.0
0.4s 3.40nm
Z 20s 1.74um 5.8Msz
LR 28 12.00
BER 149.41 356 iPKP 35 07.80 9.7X
Z 24s 1342.00um 8.7MszX
BNG 149.93 216 iPKPd 35 03.00 2.6X
1.0s 115.00nm
id 35 10.00
Id 35 22.90
HRI 150.65 285 ePKP 35 08.00 7.0X
BHL 150.75 287 PKP 35 09.00 7.9X
JER 151.00 282 ePKP 35 10.50 8.9X
PRNI 151.01 279 ePKP 35 09.00 7.4X
MUD 152.91 351 ePKP 35 18.00 14.6X
1.2s 30.00nm
COP 153.07 346 ePKP+ 35 22.00 18.4X
CFR 154.05 313 ePKP 35 20.00 14.7X
TLB 154.39 312 ePKP 35 20.00 14.2X
MLR 155.27 316 ePKP 35 20.00 12.8X
KIC 155.86 165 ePKP 35 24.80 16.1X
SPC 156.01 329 e(PKP)35 23.30 15.1X
e 35 47.90
KSP 156.31 336 ePKP 35 14.00 5.7X
1.0s 25.00nm
e 35 42.70
VAL 156.36 18 iPKP 35 24.00 15.8X
iS 47 08.00
CLL 156.94 341 ePKP 35 14.00 5.0X
Z 18s 1.50um 5.9Msz
BRG 157.05 339 ePKP 35 17.20 8.0X
i 35 46.00
i 35 57.00
MOX 157.92 343 ePKP 35 20.00 9.7X
Z 24s 1.70um 5.8MszX
N 24s 1.60um
E 20s 0.70um
e 35 50.00
e 44 50.00
e 51 40.00
e 05 20.00
ZST 158.13 331 e(PKP)35 14.00 3.4X
KHC 158.69 338 PKP 35 17.00 5.8X
Z 22s 1.80um 5.9Msz
N 21s 1.10um
E 20s 0.70um
i 35 54.00
e 36 03.50
WLF 159.95 351 PKPc 35 21.50 9.0X
e 35 57.50
GWF 160.38 348 ePKP 35 18.70 5.7X
LJU 160.91 331 e(PKP)35 17.00 3.4X
VOY 161.18 332 ePKP 35 20.50 6.5X
e 35 58.80
GRC 162.60 356 iPKPc 35 24.10 8.9X
i 36 10.00
EBR 169.09 4 (PKP) 35 37.00 16.3X
MAL 171.64 34 ePKP 35 36.00 13.9X
iPKKP 36 40.00

29d 15h

		iPP	40	44.00	

S.D. = 1.3 on 50 of 122 obs.

? MAY 29, 1985 15h 38m 57.48± 2.31s
29 453 S ±22.0km 177.139 W ±25.8km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
KERMADEC ISLANDS (178)
Felt on Raoul.

RAO	0.71	286 P	39	12.00	1.0
KRP	10.42	214 Pc	41	26.20	-1.4
SGE	12.64	338 eP	42	11.50	13.6X
MSZ	19.26	214 eP	43	23.00	1.0
CAN	29.10	250 eP	44	57.70	0.4
WAM	29.23	248 eP	44	58.60	0.2
YOU	29.59	252 eP	45	02.70	1.0
CTA	34.40	277 iPd	45	43.10	-0.8
	1.1s	42.41nm		5.3mb	X
ASPA	43.92	266 eP	47	01.00	-2.1
	1.1s	23.00nm		4.9mb	
WB2	44.81	271 eP	47	04.80	-5.5X
WRA	44.82	271 Pd	47	06.10	-4.3X
	1.0s	13.20nm		4.8mb	
SBA	49.04	184 e(P)	47	44.30	1.6
SPA	60.71	180 eP	49	07.00	-0.9
ALO	92.40	51 eP	52	19.00	12.7X
	1.1s	5.70nm			
SUF	143.45	342 iPKP	58	35.70	6.2X
	0.9s	4.10nm			
NUR	145.67	341 ePKP	58	38.00	4.6X
	1.0s	28.00nm			
		i	58	43.20	
WB2	147.92	352 PKP	58	46.80	9.7X
	1.4s	24.30nm			
UPP	147.99	346 iPKP	58	49.20	12.1X
HFS	148.46	350 ePKP	58	50.30	12.4X
	0.7s	2.60nm			
	Z 20s	2.07um		5.9MszX	
		LR	37	04.00	
BNG	151.02	214 iPKPd	58	52.80	9.5X
	0.5s	6.00nm			

S.D. = 1.4 on 10 of 20 obs.

MAY 29, 1985 16h 45m 01.11± 0.56s
0.186 S ± 8.9km 80.720 W ± 7.2km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
NEAR COAST OF ECUADOR (105)

PSO	3.66	68 iP	45	57.50	0.3
BOG	8.19	54 eP	47	07.00	6.1X
		eS	49	07.00	
GIE	9.59	267 eP	47	20.50	0.4
		(S)	49	39.00	
NNA	12.34	162 eP	47	57.50	0.0
	1.0s	20.00nm		5.2mb	X
SDV	13.50	48 eP	48	13.90	0.9
TOV	14.71	47 eP	48	28.00	-0.8
TPZ	24.18	152 eP	50	30.00	13.9X
ALO	42.42	328 eP	52	55.00	0.3
	1.0s	6.50nm		4.3mb	
YKC	67.46	344 eP	55	55.00	-0.5
YKA	67.51	344 eP	55	55.60	-0.3
WRA	140.26	218 PKP	04	29.00	-0.4
	0.9s	1.10nm			

S.D. = 0.6 on 9 of 11 obs.

• MAY 29, 1985 16h 45m 15.64± 1.40s
34.055 S ±10.7km 72.631 W ±13.7km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)

LNV	1.02	85 iPd	45	44.50	10.9X
TACH	1.47	75 iPd	45	39.00	-1.0
		iS	45	55.00	
ROCH	1.73	52 iPc	45	44.50	0.4
		iS	46	07.50	
PCH	1.81	77 iPd	45	44.50	-0.7
PEL	1.86	61 iPc	45	46.20	0.4
FCH	2.08	70 iPc	45	48.80	-0.4
		iS	46	12.40	
JACH	2.19	72 iPd	45	50.80	0.3
RFA	3.52	103 ePc	46	09.00	-0.4
		S	47	00.00	
RTCV	4.08	59 ePc	46	22.00	4.7X
		S	47	20.60	
RTCB	4.12	53 ePc	46	20.30	2.3
		(S)	47	18.80	
CFA	4.43	58 ePc	46	23.20	0.9
RTLL	4.44	53 ePc	46	23.80	1.3
		S	47	24.70	
TCA	7.30	70 ePd	46	59.90	-2.8X
		S	48	31.80	
VBA	9.50	118 ePd	47	32.40	-0.9
ARE	17.55	4 eP	49	18.00	-1.7
CNCB	17.67	15 eP	49	27.00	5.5X
		i	49	41.20	
LPB	17.92	14 eP	49	30.00	5.6X
	1.0s	56.00nm		4.6mb	
		i	49	39.00	
SOB1	38.21	57 eP	52	33.20	-1.1
ITR	40.27	59 eP	52	50.00	-1.3
SPA	56.12	180 e(P)	54	56.00	1.9

S.D. = 1.3 on 15 of 20 obs.

• MAY 29, 1985 17h 49m 30.11± 0.86s
38.407 S ± 8.4km 145.964 E ± 9.3km
DEPTH = 33.0km (normal)
NEAR S.E. COAST OF AUSTRALIA (603)

TOO	0.91	336 iPd	49	45.60	-1.0
		eS	49	55.00	
BFD	2.97	293 iPc	50	16.90	0.8
WAM	3.21	47 eP	50	19.90	0.5
CAN	3.93	39 eP	50	29.70	0.1
		eS	51	14.20	
YOU	4.56	26 eP	50	38.50	-0.1
TAU	4.61	168 eP	50	39.00	-0.3

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

• MAY 29, 1985 18h 20m 47.82± 0.60s
13.061 N ±12.0km 144.772 E ±23.8km
DEPTH = 97.8 ± 6.1 km
5.1mb (1 obs.)
MARIANA ISLANDS (216)
Felt (III) on Guom.

GUA	0.49	16 iPc	21	03.70	0.2
		eS	21	14.00	
GUMO	0.53	10 iPc	21	03.70	-0.1
PJG	0.53	10 iP	21	03.80	0.0
AAI	23.41	226 e(P)	25	49.50	0.6
MAT	24.11	347 (P)	25	55.00	-0.6
WB2	34.36	198 eP	27	27.80	0.4
WRA	34.37	198 Pc	27	26.40	-1.1
	0.3s	7.80nm		5.1mb	
NAU	45.55	219 eP	29	00.50	0.8
BAL	51.13	211 iPd	29	42.80	0.1
MUN	52.48	211 eP	29	52.00	-0.9
YKA	83.37	27 eP	33	05.80	0.8
NEW	85.69	42 eP	33	17.00	0.0
TPZ	147.00	109 (PKP)	40	40.00	20.3X
LPB	148.05	100 PKP	40	28.40	6.8X
CNCB	148.16	101 iPKP	40	28.00	6.1X

S.D. = 0.7 on 12 of 15 obs.

MAY 29, 1985 20h 52m 22.95± 0.66s
46.315 N ± 6.8km 7.026 E ± 7.7km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.8 (LDG).

EMS	0.25	195 iPd	52	26.10	-2.3
DIX	0.36	131 ePd	52	30.50	0.1
MMK	0.70	112 eP	52	38.10	1.1
ORO	0.96	136 ePg	52	42.00	0.7
ROF	1.37	356 iPg	52	49.00	0.9
BSF	1.53	354 Pn	52	49.30	-1.1
		Pg	52	51.40	
		Sg	53	11.20	
HAU	1.75	345 Pn	52	52.40	-1.2
		Sg	53	17.90	
SLE	1.76	34 eP	52	57.70	3.9X
CDF	2.11	5 Pn	52	57.20	-1.6
		Pg	53	02.50	
		Sg	53	31.00	
LBF	2.20	289 Pg	53	01.50	1.3
		Sg	53	27.80	
SMF	2.23	280 Pg	53	01.00	0.6
		Sg	53	27.60	
LOR	2.38	295 Pg	53	03.90	1.3
		Sg	53	33.60	
FRF	2.77	186 Pg	53	13.20	5.0X
		Sg	53	49.20	
BGF	2.90	276 Pg	53	13.50	3.5X
		Sg	53	50.00	
MZF	3.08	270 Pg	53	16.40	3.8X
		Sg	53	54.90	

S.D. = 1.4 on 11 of 15 obs.

% MAY 29, 1985 20h 55m 25.20± 1.02s
38.999 N ± 8.7km 27.760 E ±11.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.72	213 ePg	55	39.40	0.1
		iSg	55	47.90	
DST	0.91	48 ePn	55	42.20	-0.4
KCT	1.33	20 ePn	55	49.20	-0.5
EDC	1.35	3 iPn	55	50.80	0.8
EZN	1.38	307 ePn	55	49.60	-0.9
KGT	1.49	346 iPn	55	52.70	0.7

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

MAY 29, 1985 21h 00m 39.42± 0.66s
28.776 N ± 8.3km 103.798 E ± 7.9km
DEPTH = 33.0km (normal)
4.2mb (4 obs.)
SICHUAN PROVINCE, CHINA (307)

CD2	2.13	359 Pn	01	15.70	2.3
		Pg	01	17.10	
		Sg	01	44.30	
GYA	3.43	132 Pn	01	33.40	1.3
		Pg	01	48.40	
		Sn	02	16.60	
		Sg	02	33.80	
KMI	3.76	195 ePn	01	38.00	1.3
		Pg	01	49.00	
		eSn	02	34.00	
		Sg	02	41.50	
XAN	6.83	39 Pn	02	18.20	-1.8
		Sn	03	36.00	
LZH	7.29	0 eP	02	26.00	-0.5
		eS	04	16.00	
WHN	9.35	77 ePn	02	56.00	1.1
GZH	10.29	121 eP	03	08.00	0.2
		eS	04	57.30	
PKI	16.26	270 eP	04	27.50	0.2
	0.5s	8.00nm		4.1mb	
KKN	16.35	271 eP	04	27.80	-0.5
	0.6s	14.00nm		4.3mb	
DMN	16.52	270 eP	04	30.50	-0.1
	0.6s	3.00nm		3.6mb	
WRA	56.71	145 Pd	10	20.80	-1.5
	0.6s	2.70nm		4.5mb	
WB2	56.71	145 eP	10	20.20	-2.2

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

• MAY 29, 1985 21h 25m 27.36± 0.88s
46.358 N ± 8.3km 7.179 E ± 9.2km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.7 (LDG).

ORO	0.92	142 e(Pg)	25	45.00	-0.1
ROF	1.34	352 iPgd	25	52.60	0.6
BSF	1.50	350 Pg	25	55.10	0.7
		Sg	26	15.40	
HAU	1.74	341 Pn	25	56.40	-1.5
		Sg	26	21.20	
CDF	2.06	2 Pg	26	06.40	3.9X
		Sg	26	35.20	
LBF	2.29	287 Pg	26	06.40	0.6
		Sg	26	31.60	
SMF	2.32	278 Pg	26	05.20	-1.1
		Sg	26	31.50	
LOR	2.46	293 Pg	26	07.60	-0.5
		Sg	26	36.10	
BGF	3.00	275 Pg	26	17.00	1.2
		Sg	26	53.90	

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

? MAY 29, 1985 22h 35m 42.68±18.85s
32.643 S ±23.5km 73.027 W ±156.km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

MDZ	3.53	95 eP	36	36.60	0.0

29d 22h

			i	36 45.10		
			i(S)	37 09.60		
RTCB	3.77	73	ePd	36 40.30	0.3	
			S	37 17.50		
ZON	3.85	75	eP	36 41.00	-0.1	
RTCV	3.88	80	ePc	36 41.50	-0.1	
			S	37 18.40		
RTLL	4.09	73	ePd	36 44.30	-0.2	
			S	37 22.30		
RFA	4.35	120	ePd	36 48.30	0.0	
TCA	7.28	82	iPd	37 24.40	-5.2X	
			S	38 34.50		

S.D. = 0.2 on 6 of 7 obs.

% MAY 29, 1985 23h 02m 34.93± 4.20s
39.890 N ±12.9km 25.613 E ±34.8km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.55	96	iPg	02 46.60	0.5	
			iSg	02 49.60		
KGT	1.41	66	iPn	03 00.20	-0.4	
EDC	1.79	74	iPn	03 05.80	-0.2	
IZM	1.97	139	ePn	03 09.00	0.3	
KCT	2.14	79	ePn	03 11.10	0.0	
DST	2.34	96	ePn	03 13.10	-1.0	
CTT	2.49	59	ePn	03 17.00	0.9	

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

• MAY 29, 1985 23h 15m 37.07± 1.67s
30.336 N ±19.6km 102.902 E ±14.1km
DEPTH = 33.0km (normal)
4.2mb (3 obs.)
SICHUAN PROVINCE, CHINA (307)

KMI	5.19	182	iPgc	16 54.50	-0.2	
			Sg	17 49.50		
LZH	5.79	8	ePg	17 27.50	24.4X	
			eSg	18 36.00		
CHTO	12.02	198	eP	18 29.30	0.3	
PKI	15.56	264	eP	19 16.10	0.1	
	0.6s		7.00nm		4.0mb	
KKN	15.62	265	eP	19 16.40	-0.2	
	0.5s		9.00nm		4.2mb	
WRA	58.43	145	Pc	25 33.50	1.4	
	0.7s		3.30nm		4.5mb	
WB2	58.44	145	eP	25 30.70	-1.4	

S.D. = 1.2 on 6 of 7 obs.

MAY 30, 1985 00h 40m 42.10± 0.25s
30.807 N ± 5.1km 98.254 E ± 3.3km
DEPTH = 33.0km (normal)
4.8mb (30 obs.) 4.5Msz (1 obs.)
TIBET (306)

CD2	4.73	87	Pnd	41 54.40	1.4	
			Pg	42 06.00		
			eSn	42 45.00		
LSA	6.24	262	Pn	42 15.80	1.0	
KMI	6.91	144	eP	42 25.00	1.1	
E	10s		4.20um			
			Sg	43 46.00		
LZH	7.04	40	eP	42 25.50	-0.1	
			eS	43 52.50		
			Lg	44 30.00		
			Lg	44 37.50		
SHL	7.67	229	eP	42 35.00	0.5	
			eS	44 02.70		
GYA	8.56	118	Pc	42 46.80	-0.1	
			S	44 24.00		
XAN	9.57	68	e(P)	42 57.00	-3.7X	
			Lg	45 44.00		
PKI	11.68	257	eP	43 28.00	-1.8	
KKN	11.72	258	eP	43 28.00	-2.2	
DMN	11.92	258	eP	43 31.20	-1.8	
CHTO	11.96	177	e(P)	43 33.00	-0.2	
	2.0s		46.51nm		5.3mb X	
BDT	13.52	177	eP	44 03.00	9.0X	
TIY	13.59	56	eP	43 53.00	-2.0	
BTO	13.65	41	eP	43 53.00	-2.8	
LOE	13.71	166	eP	44 09.00	12.5X	
WHN	13.86	87	eP	43 58.00	-0.4	
			sP	44 07.00		
GZH	15.49	116	eP	44 18.90	-0.8	
TIA	16 63	66	Pc	44 34.90	0.7	
BJI	17.24	53	eP	44 42.00	0.1	
			e	45 47.00		
			eS	49 48.00		
			esS	51 04.50		
NJ2	17.63	81	eP	44 46.00	-0.7	
NNT	18.18	175	eP	44 57.00	3.3X	
NDI	18.39	269	iPc	44 54.00	-2.2	
			eS	50 50.00		
SSE	19.67	83	eP	45 11.20	0.0	
Z	12s		4.50um			
N	10s		1.40um			
KSH	20.12	301	eP	45 18.00	1.9	
DL2	20.78	61	P	45 22.00	-0.7	
HYB	22.34	238	eP	45 42.50	3.9X	
SNY	23.10	55	eP	45 45.50	-0.3	
			eS	49 54.00		
CN2	25.09	51	iPc	46 05.70	0.6	
			pP	46 11.60	21kmX	
GBA	25.70	233	Pc	46 15.20	4.2X	
	0.6s		11.40nm		4.6mb	
QUE	26.94	277	eP	46 27.50	4.9X	
KKM	29.85	142	ePd	46 52.10	3.2X	
MHI	32.61	290	eP	47 14.00	1 1	
TAB	42.97	294	eP	48 42.00	2 0	
KJF	54.29	329	iP	50 07.20	0.2	
	0.8s		16.10nm		5.1mb	
SOD	54.91	333	iP	50 12.30	0.8	
SUF	54.96	328	iP	50 12.70	0.8	
	0.8s		6.40nm		4.7mb	
KEV	54.97	336	eP	50 12.00	0.1	
NUR	55.73	325	eP	50 18.00	0.5	
Z	18s		0.40um		4.5Msz	
			LR	15 40.00		
UPP	59.29	325	iP	50 41.70	-0.9	
			i	50 43.20		
SPC	59.88	312	eP	50 49.60	2.6X	
HFS	61.18	325	eP	50 52.80	-2.7	
	0.4s		2.30nm		4.7mb	
Z	15s		0.30um		4.6MszX	
			LR	16 12.00		
WRA	61.23	141	Pd	50 57.30	1.0	
	0.8s		11.60nm		5.1mb	
WB2	61.23	141	iPc	50 56.20	-0.1	
NB2	62.17	327	P	51 02.40	0.1	
	0.8s		5.40nm		4.7mb	
PRU	63.25	314	P	51 11.00	1.5	
BRG	63.36	315	e(P)	51 11.00	0.8	
CLL	63.81	316	eP	51 11.00	-2.1	
KHC	64.11	313	P	51 10.50	-4.7X	
			e	51 16.10		
OGA	66.47	312	eP	51 31.30	0.7	
	0.9s		9.00nm		4.9mb	
ALE	66.53	357	eP	51 31.50	1.2	
	0.9s		3.00nm		4.4mb	
CDF	68.27	314	eP	51 41.50	-0.3	
	1.0s		7.40nm		4.7mb	
WLF	68.48	316	Pc	51 45.50	2.6X	
BSF	68.79	314	eP	51 43.80	-1.3	
	0.8s		7.70nm		4.8mb	
IMA	69.12	25	eP	51 47.10	0.2	
DOU	69.24	317	P	51 49.90	2.3	
CVF	69.50	308	eP	51 48.50	-0.9	
TTA	69.73	28	eP	51 50.50	-0.1	
MBC	70.63	9	eP	51 55.00	-0.7	
LMR	70.77	309	eP	51 56.50	-0.6	
LRG	70.82	310	eP	51 57.00	-0.4	
	0.8s		13.90nm		5.1mb	
LOR	70.84	314	eP	51 56.80	-0.7	
	0.6s		1.80nm		4.3mb	
LBF	70.88	314	eP	51 57.20	-0.6	
	0.8s		2.90nm		4.4mb	
SMF	71.11	313	eP	51 58.90	-0.2	
	1.0s		12.80nm		4.9mb	
SSF	71.14	314	eP	51 59.80	0.5	
EKA	71.28	324	Pd	52 01.60	1.6	
	1.0s		6.20nm		4.6mb	
AVF	71.35	314	eP	52 00.50	-0.1	
	0.8s		15.30nm		5.1mb	
BGF	71.77	314	eP	52 02.80	-0.3	
	0.8s		2.50nm		4.3mb	
COL	71.83	24	eP	52 02.00	-1.1	
	1.0s		22.50nm		5.1mb	
MZF	72.08	313	eP	52 05.20	0.2	
	0.8s		6.20nm		4.7mb	
TCF	72.28	314	eP	52 06.20	0 0	
	0.9s		14.20nm		5.0mb	
LDF	72.67	317	eP	52 08.30	-0.1	
	1.0s		12 00nm		4.8mb	
LSF	72.72	314	eP	52 08.80	0.1	
FLN	72.81	317	eP	52 09.10	0.0	
	1.0s		12.00nm		4.8mb	
CAF	72.98	312	eP	52 10.90	0.6	
	1.0s		12.00nm		4.8mb	
RJF	73.15	313	eP	52 12.10	0.8	
	0.9s		6.50nm		4.6mb	
GRR	73.20	317	eP	52 11.70	0.3	
	0.8s		10.30nm		4.9mb	
LPF	73.47	316	eP	52 13.40	0 4	
MFF	73.59	315	eP	52 13.80	0.0	
LPO	73.64	312	eP	52 14.80	0	
	0.8s		8.00nm		4.8mb	
LFF	73.81	313	eP	52 15.80	0	
	0.8s		8.40nm		4 8mb	
INK	74.05	18	eP	52 17.00	1.0	
EPF	74.95	311	eP	52 21.20	-0.6	
	1.0s		6.00nm		4 5mb	
MTD	79.62	243	eP	52 48.00	-0.1	
KRI	81.17	245	eP	52 56.00	-0.3	
YKA	83.35	15	eP	53 08 00	1 2	
YKC	83.39	15	eP	53 08.00	1.0	
	0.8s		6.00nm		4.8mb	
BUL	83.87	242	iPc	53 11.20	1.0	
	0.8s		6.34nm		4.8mb	
FRB	85.19	354	eP	53 15.00	-0.9	
BAO	145.66	288	ePKP	00 22.40	2.9X	
			e	00 25.40		

S.D. = 1.1 on 77 of 89 obs.

MAY 30, 1985 02h 10m 00.32± 0.47s
46.304 N ± 5.8km 13.225 E ± 4.8km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 3.1 (GRF), 3.0 (VKA), 2.9 (KBA), 2.9 (TRI).

VOY	0.54	120	iPgd	10 10.90	-0.3	
			iSg	10 19.70		
TRI	0.70	148	iPgd	10 13.70	-0.5	
			iSg	10 25.70		
KBA	0.78	6	iPgd	10 14.30	- 3	
			iSg	10 24.30		
LJU	0.95	106	ePg	10 19.10	0 8	
			e	10 22.60		
			iSg	10 34 10		
CEY	1.01	124	ePn	10 19.70	0 2	
			iSg	10 37.00		
CTI	1.12	257	ePg	10 20.50	-1.0	
			iSg	10 31.50		
BHG	1.44	351	iPgc	10 22.40	-4.0X	
OGA	1.62	291	iPgc	10 28.70	-0.5	
GAP	1.89	309	eP	10 35 00	2.0	
SAL	2.01	251	ePn	10 13.70	-20.9X	
			e(Sn)	11 04.00		
OSS	2.16	281	eP	10 38.30	1.2	
FUR	2.29	325	eP	10 42.20	3 5X	
SAX	2.83	291	eP	10 47.50	0.8	
KHC	2.84	5	ePn	10 47.50	0.9	
			Pg	10 52.80		
			Sg	11 29.50		
WET	2.85	355	ePn	10 46.90	0.2	
VKA	2.88	46	iPgd	10 59.20	12.1X	
			iSg	11 37.60		
GRC1	2.93	337	ePn	10 54.00	6.2X	
			e	10 58.00		
ZST	3.25	53	e(P)	11 52.00	59 7X	
SLE	3.55	296	eP	10 56.20	-0.4	
PRU	3.79	13	Pg	11 10.50	10.5X	
			eSg	1 58.50		
BUH	4.14	307	ePn	11 04.10	-0 8	
MOX	4.48	347	(Pn)	11 09.00	-0	
			eSg	12 22.00		
BRG	4.60	6	e(P)	11 24.00	12.5X	
			eSg	12 23.00		
GWF	4.64	307	ePn	11 11.40	-0 7	

S.D. = 1.0 on 16 of 24 obs

% MAY 30, 1985 02h 45m 29.71± 4 29s
36.565 N ±45.6km 29.322 E ± 8 4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ELL	0.51	69	iPg	45 39.60	-0.4	
			iSg	45 50.60		
YER	1.01	305	iPn	45 49 40	0.5	
BCK	1.35	48	iPn	45 55.30	0.7	
IZM	2.46	319	iPn	46 09 90	-0.6	

30d 02h

DST 3.08 356 iPn 46 19.10 -0.3
S.D. = 0.8 on 5 of 5 obs.

% MAY 30, 1985 04h 23m 31 38± 1.08s
39.169 N ± 9.2km 29.259 E ±12 0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0 66 312 ePg 23 44.10 -0.4
iSg 23 54.10
KCT 1 28 327 ePn 23 56.70 1.5
GPA 1 38 36 ePn 23 55.50 -1.2
EDC 1 59 318 ePn 24 00.00 0.3
IZM 1.74 244 ePn 24 00.40 -1.5
KGT 1.98 311 ePn 24 09.00 3.8X
CTT 2.08 342 ePn 24 10.40 3.7X
YER 2.17 201 ePn 24 13.40 5.3X
ELL 2.47 168 ePn 24 13.60 1.2
S.D. = 1.6 on 6 of 9 obs.

% MAY 30, 1985 04h 26m 13.69± 1.55s
39.442 N ±13.5km 29.291 E ± 9.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.54 288 ePg 26 23.10 -1.5
Sg 26 34.10
KCT 1.08 319 iPn 26 35.30 1.3
GPA 1.15 43 iPn 26 34.80 -0.5
EDC 1.42 310 ePn 26 39.80 0.2
ISK 1.63 354 ePn 26 45.00 2.5X
KGT 1.83 304 ePn 26 45.40 0.0
IZM 1.90 237 ePn 26 46.90 0 5
S.D. = 1.2 on 6 of 7 obs

• MAY 30, 1985 05h 05m 47.37± 0 73s
23.858 N ±13 8km 95.179 E ± 9.5km
DEPTH = 33 0km (normal)
BURMA (296)

CHG 6.12 144 eP 07 17.00 -1.0
CHTO 6 12 144 eP 07 19.00 1.0
KMI 7.00 78 Pc 07 30.50 0.0
S 08 42.00
BDT 7.49 151 eP 07 42.00 4 9X
PKI 9.55 295 eP 08 05.60 -0.5
0.5s 15.00nm 5 5mb X
KKN 9.74 296 eP 08 08.70 0.2
0.4s 21.00nm 5.7mb X
DMN 9.82 294 eP 08 09.90 0.3
0.5s 20.00nm 5.6mb X
S.D. = 0.9 on 6 of 7 obs.

• MAY 30, 1985 06h 27m 00.67± 0.74s
6.356 S ±12.6km 153.189 E ± 9.3km
DEPTH = 14.9 ± 6.3 km
4.1mb (2 obs)
NEW BRITAIN REGION (192)

BGA 1.99 84 iPc 27 34.50 0.3
eS 27 58.00
PAA 2.29 89 eP 27 38.00 -0.5
eS 28 04.00
RAB 2.38 335 eP 27 40.00 0.3
iS 28 06.00
KVG 4.45 327 eP 28 14.00 4.9X
ALOA 4.80 215 eP 28 14.00 -0.2
LMG 5.60 243 eP 28 25.50 -0.1
PMG 6 70 243 eP 28 40.00 -1.0
CTA 15.22 206 iP 30 44.30 7.5X
0 8s 9.70nm 4.2mb
WB2 22.74 232 eP 32 05.20 1.7
WRA 22.75 232 Pc 32 03.60 0.0
0.7s 3.40nm 4.0mb
COL 83 18 22 eP 39 25.00 -2.2
COR 89.81 45 eP 40 02.00 1.9
TAB 107.16 308 ePKP 45 25.00 -3.5X
MLR 120.09 320 iPdiff41 56.00 -20.3X
VAO 144.79 147 ePKP 46 39.30 -0.3
S.D. = 1.4 on 11 of 15 obs.

MAY 30, 1985 08h 32m 17.52± 0.18s
10.657 S ± 3 8km 41.355 E ± 4.2km
DEPTH = 10.0km (geophysicist)
5.4mb (52 obs.) 4.8Msz (3 obs.)
NORTHWEST OF MADAGASCAR (574)
CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Location:
Origin Time 08:32:24.5 1.0
Lat 10.25S 0.08 Lon 41.62E 0.09
Dep 10.0 FIX Half-duration 1.6
Moment Tensor; Scale 10**23 D-CM
Mrr=-9.04 0.36 Mtt=-0.50 0.54
Mff= 9.55 0.49 Mrt= 0.18 1.47
Mrf=-3.02 1.71 Mtf=-5.26 0.42
Principal Axes:
T Val= 12.18 Plg= 8 Azm= 67
N -2.81 8 158
P -9.57 79 295
Best Double Couple:Mo=1.1*10**24
NP1:Strike=148 Dip=38 Slip=-104
NP2: 345 53 -80

NPA 4.86 205 eP 33 31.00 -1.4
eS 34 32.00
TET 9.33 233 iP 34 33.00 -2.1
iSn 36 14.00
iS* 36 35.00
iSg 36 57.00
iLg 37 07.00
NAI 10.36 334 iPd 34 44.00 -5.5X
1.0s 475.00nm 6.9mb X
MTD 11.27 236 iPn 34 57.00 -4.9X
KRI 12.95 240 iPnd 35 20.00 -4.5X
iSn 37 36.00
BUL 15.48 231 iPnd 35 54.00 -3.8X
iSn 38 42.50
i 40 37.50
SLR 19 45 218 eP 36 46.00 -1.4
S 40 37.00
AAE 19 73 352 eP 36 50.70 -0.1
BFS 21.21 218 eP 37 03.50 -2.4
0.9s 70.59nm 5.0mb
SEK 21.79 214 iPc 37 11.20 -0.6
1.0s 70.00nm 5.0mb
ARO 22.09 4 iPd 37 14.20 -0.6
BNG 27.21 302 iPd 38 03.40 -0.3
0.6s 46.00nm 5.4mb
id 38 22.10
id 45 13.70
ic 46 25.90
PRNI 41.22 352 eP 40 06.50 2.2X
KOD 41.48 61 eP 40 17.00 10.1X
eS 46 33.00
JER 42.60 352 e(P) 40 14.50 -1.1
GBA 43.16 57 Pc 40 20.90 0.6
1.4s 174.80nm 5 6mb
HRI 44.01 353 eP 40 29.00 1.9
HYB 46.14 53 eP 40 44.00 -0.3
1.2s 50.00nm 5.4mb
IR2 46.94 11 eP 40 52.00 1.5
KIC 48.91 288 eP 41 06.20 0.2
e 41 15.00
YER 49.10 346 iP 41 09.10 1.9
MHI 49.74 19 eP 41 13.00 0.8
e 43 13.00
eS 48 36.00
GPA 51.71 349 iP 41 17.70 -9.3X
NDI 52.25 41 iPc 41 30.00 -1.3
EDC 52.26 347 eP 41 31.80 0.6
MFT 52.81 347 iP 41 36.10 0.7
CTT 52.91 348 eP 41 36.00 0.0
DMK 53.69 347 iP 41 41.80 0.0
KDZ 54.08 345 iPd 41 45.00 0.4
JMB 54.57 347 eP 41 47.00 -1.2
PLD 54.68 345 eP 41 49.00 0.0
OHR 54 89 341 eP 41 50.50 -0.2
e 42 00.40
SKO 55.47 342 iP 41 55.00 0.2
Z 18s 0.59um 4 7Msz
N 18s 0.85um
E 16s 0.55um
i 42 05.50
VTS 55.54 344 iPd 41 55.00 -0.2
PVL 55.55 346 iP 41 56.00 0.7
BRT 55.92 338 eP 42 08.50 10.5X
TLB 56.29 349 eP 42 01.00 0.4
BUC 56.53 347 eP 42 01.50 -0.8
CFR 56.85 349 eP 42 04 00 -0.6
DMN 56.95 47 iPc 42 05.00 -1.0
0.9s 30 00nm 5.3mb
PKI 57 14 47 iPc 42 06.20 -1.3

0.9s 23.00nm 5.2mb
KKN 57.18 47 iPc 42 06.40 -1.2
0.9s 36.00nm 5.4mb
CMP 57.58 346 ePc 42 10.00 0.2
MLR 57.59 347 eP 42 10.00 0.0
DUI 57.64 336 eP 42 11.00 0.8
VRI 57.78 348 eP 42 11.00 -0.2
MAW 58.66 171 eP 42 18.00 1.0
KSH 59.34 31 eP 42 21.00 -1.3
SHL 60.95 53 iP 42 33.00 -0.7
BUD 61.20 343 e(P)d 42 34.00 -0.7
1.1s 138.90nm 6.0mb
IPM 61.30 79 ePc 42 31.10 -4.9X
VOY 61.58 339 eP 42 36.80 -0.7
SRO 61.71 343 iP 42 38.40 0.2
SOP 62.13 341 ePd 42 40.40 -0.6
1.3s 60.90nm 5.6mb
ZST 62.41 342 iP 42 42.20 -0.7
SPC 62.42 345 iPd 42 43.70 0.5
e 42 52.50
e 43 23.40
CTI 62.43 337 iPc 42 43.50 0.3
SAL 62.50 336 eP 42 45.40 1.9
LSA 62.51 49 Pc 42 44.00 -0.5
FRF 62.53 332 eP 42 43.60 -0.1
1.4s 54.40nm 5.5mb
KBA 62.68 339 iPd 42 44.00 -0.9
1.0s 22.50nm 5.3mb
i 42 52.10
KMR 63.24 340 iP- 42 48.20 -0.2
BDT 63.35 65 eP 42 48.00 -1.6
OSS 63.54 337 eP+ 42 50.70 0.1
ORO 63.57 334 eP 42 49.00 -1.7
EBR 63.60 326 eP 42 52.00 1.2
MAL 63.80 320 iP- 42 52.00 -0.2
e(S) 51 44.00
NST 63.80 67 iPd 42 51.10 -1.5
CHG 63.89 63 iPd 42 52.80 -0.4
1.0s 36.50nm 5.5mb
CHTO 63.89 63 iP 42 52.80 -0.4
0.9s 39.43nm 5.6mb
Z 22s 0.32um 4.5Msz
MMK 63.91 335 eP+ 42 52.90 -0.3
LLS 64.15 336 eP+ 42 53.90 -0.7
DIX 64.17 334 eP+ 42 54.50 -0.4
KHC 64.36 340 iPd 42 54.00 -1.8
1.2s 45.00nm 5.5mb
e 43 04.40
e 43 43.00
EMS 64.37 334 eP+ 42 55.50 -0.5
PRU 64.79 341 P 42 57.60 -0.9
1.5s 25.00nm 5.2mb
Z 14s 0.50um 4.9MszX
e 43 06.30
ZUL 64.89 336 eP+ 42 59.40 0.2
KSP 65.01 343 eP 42 59.00 -0.9
SLE 65.08 336 eP+ 43 00.20 -0.2
EPF 65.23 328 eP 43 01.40 -0.1
1.2s 20.30nm 5.2mb
TOL 65.56 323 eP 43 04.50 0.8
e 45 30.00
GRF 65.64 339 eP 43 02.70 -1.3
e 43 04.10
CAF 65.72 330 eP 43 04.90 0.3
1.2s 36.90nm 5.4mb
BRG 65.75 341 iPd 43 04.00 -0.6
1.3s 16.00nm 5.1mb
i 43 14.40
LOE 65.84 65 eP 43 03.50 -2.3
BUH 65.92 337 ePd 43 05.80 0.0
LPO 65.98 330 eP 43 06.50 0.3
CDF 66.08 336 eP 43 05.70 -1.2
1.2s 27.50nm 5.3mb
HAU 66.14 335 eP 43 06.40 -0.8
1.3s 62.40nm 5.6mb
SMF 66.17 333 eP 43 06.70 -0.7
1.2s 19.00nm 5.2mb
RJF 66.26 330 eP 43 08.50 0.5
1.3s 28.80nm 5.3mb
MOX 66.31 340 iPc 43 08.00 -0.3
1.3s 39.00nm 5.4mb
Z 14s 0.40um 4.8MszX
E 15s 0.30um
i 43 17.00
LGR 66.36 326 eP 43 11.00 2.3X
LBF 66.37 333 eP 43 08.00 -0.7
1.2s 44.00nm 5.5mb

IFF	66.38	330	eP	43	08.60	-0.2
	1.2s		29.70nm			5.4mb
GWF	66.40	336	iPd	43	08.40	-0.5
CLL	66.42	341	iPd	43	08.40	-0.5
	1.6s		61.00nm			5.5mb
			epP	43	18.00	31kmX
MZF	66.43	332	eP	43	09.30	0.2
	1.2s		53.40nm			5.6mb
AVF	66.50	333	eP	43	09.10	-0.4
	1.3s		71.40nm			5.7mb
BGF	66.56	332	eP	43	09.70	-0.2
	1.2s		40.00nm			5.5mb
LOR	66.63	333	eP	43	09.80	-0.6
	1.2s		75.50nm			5.8mb
SSF	66.64	333	eP	43	09.60	-0.8
	1.2s		30.90nm			5.4mb
TCF	66.65	332	eP	43	10.70	0.2
	1.2s		79.80nm			5.8mb
LSF	66.95	331	eP	43	12.50	0.1
	1.2s		22.00nm			5.2mb
GRC	67.01	333	iPd	43	12.90	0.2
WLF	67.53	336	Pc	43	16.20	0.3
MFF	68.00	330	eP	43	19.30	0.3
	1.2s		17.80nm			5.1mb
MEM	68.33	337	P	43	21.30	0.4
ENN	68.49	337	iPc	43	22.30	0.4
	1.0s		38.00nm			5.5mb
			e	43	32.00	
DOU	68.49	336	Pc	43	22.40	0.4
WMO	68.63	34	iPd	43	23.00	-0.1
UCC	69.13	336	Pc+	43	26.60	0.7
WTS	69.13	338	eP	43	26.50	0.6
	1.0s		24.00nm			5.3mb
			e	43	36.00	
LDF	69.42	332	eP	43	27.40	-0.3
	1.2s		59.50nm			5.6mb
LPF	69.45	331	eP	43	27.70	-0.2
	1.2s		60.60nm			5.6mb
KMI	69.56	58	eP	43	28.00	-1.4
			S	52	40.00	
			SKS	53	29.00	
GRR	69.61	331	eP	43	28.80	-0.1
	1.2s		34.30nm			5.4mb
FLN	69.71	332	eP	43	29.00	-0.5
	1.2s		47.60nm			5.5mb
MRWA	71.53	117	eP	43	41.50	0.5
MUD	72.00	342	iPc	43	44.30	1.1
	0.9s		48.00nm			5.6mb
			i	43	55.00	
NUR	72.17	351	iP	43	44.10	0.0
	1.0s		72.00nm			5.7mb
			i	43	53.80	
			eS	53	20.00	
CD2	72.69	53	eP	43	47.10	-0.8
UPP	72.81	348	iP	43	47.20	-0.7
			i	43	57.80	
GYA	73.34	58	P	43	51.60	-0.3
GTA	73.61	43	P	43	53.60	0.4
SUF	74.10	353	iP	43	54.60	-0.7
	0.7s		42.00nm			5.6mb
NB2	75.33	345	P	44	00.80	-1.8
	1.4s		93.30nm			5.6mb
KJF	75.35	354	iP	44	02.30	-0.3
	1.0s		84.00nm			5.7mb
			i	44	11.90	
			eS	53	56.00	
EKA	75.54	336	Pd	44	04.00	0.2
	0.9s		13.60nm			5.0mb
BER	76.39	343	iP	44	08.60	0.1
VAL	76.48	330	eP	44	09.00	-0.2
XAN	77.93	52	P	44	17.40	-0.3
GZH	77.98	64	P	44	19.80	1.7
ITR	78.45	263	eP	44	28.80	7.9X
	2.1s		18.80nm			4.8mb
			e	44	40.20	
			e	44	44.10	
HKC	78.49	65	eP	44	35.00	14.1X
SOD	78.55	354	iP	44	21.00	0.7
			i	44	30.80	
SPA	79.41	180	eP	44	26.80	1.4
	1.2s		61.97nm			5.5mb
SOB1	80.79	262	eP	44	35.80	2.3X
	1.0s		19.00nm			5.1mb
			e	44	44.70	
			e	44	48.20	
KEV	80.84	355	iP	44	34.00	1.5
	1.0s		40.00nm			5.4mb

			eS	54	56.00	
WHN	81.08	57	eP	44	36.00	1.3
			sP	44	46.00	
WBN	81.14	115	eP	44	35.80	0.6
TIY	81.90	49	eP	44	39.70	0.8
BAG	82.83	72	eP	44	44.10	-0.1
VAO	84.38	248	eP	44	53.90	1.9
TIA	84.99	52	Pc	44	55.60	1.0
			sP	45	05.30	
NJ2	85.20	56	eP	44	56.60	0.9
BJI	85.42	48	eP	44	57.00	0.4
			eS	55	22.00	
			PS	56	32.00	
BAO	86.56	255	eP	45	04.60	1.6
			e	45	07.40	
			e	45	15.20	
SBA	86.62	170	e(P)	45	04.40	2.4X
SSE	86.88	58	eP	45	04.50	0.4
ASPA	88.09	114	eP	45	10.00	-0.1
WRA	89.19	110	Pd	45	15.20	-0.2
	0.8s		10.70nm			5.2mb
WB2	89.20	110	eP	45	15.70	0.2
CN2	93.07	46	eP	45	31.50	-1.3
MSZ	106.80	143	PKP	50	43.10	-1.9
INK	122.33	358	ePKP	51	14.00	0.2
			pP	51	25.00	
IMA	123.71	7	PKP	51	17.40	0.6
YKC	125.40	347	ePKP	51	20.00	0.0
YKA	125.42	347	ePKP	51	21.40	1.4
COL	125.46	5	ePKP	51	19.00	-1.0
FBA	125.46	5	PKP	51	19.00	-1.0
TTA	126.34	10	PKP	51	23.00	1.0
	1.5s		67.57nm			
	Z 18s		0.61um			5.4Msz
SES	134.32	336	ePKP	51	37.00	-0.5
RSSD	135.25	324	ePKP	51	40.30	0.6
NEW	138.39	338	PKP	51	45.50	0.3
LRM	138.43	332	ePKP	51	46.40	0.7
BDW	139.19	327	iPKP	51	47.00	-0.1
	1.0s		9.00nm			
			epP	51	58.00	
ALQ	142.02	315	PKP	51	47.50	-4.9X
LTX	142.45	305	ePKP	51	49.00	-4.2X
	1.0s		6.00nm			
MSU	143.54	324	PKP	51	52.50	-2.4
BMN	144.80	331	iPKP	51	57.00	0.1
	1.1s		47.08nm			
			ipP	52	08.00	
EUR	144 91	329	iPKP	51	57.00	-0.2
	0.6s		28.21nm			
LMHM	145.77	337	PKP	52	00.00	1.4
MIN	146.80	336	e(PKP)	52	00.90	0.7
MNA	146.81	330	e(PKP)	52	02.00	1.7
WDC	146.97	337	e(PKP)	52	00.50	0.3
ORV	147.43	335	e(PKP)	52	02.70	1.7
GAS	147.83	337	PKP	52	03.50	1.7
JAS1	148.30	332	e(PKP)	52	04.00	1.5
			e	52	43.50	
GSC	148.43	324	ePKP	52	05.00	2.1
CLC	148.50	326	ePKP	52	10.00	7.0X
VPEM	148.52	326	PKP	52	05.00	1.9X
FRI	148.71	330	e(PKP)	52	04.50	1.4
GLA	148.76	319	ePKP	52	05.00	1.6
TPC	148.82	322	ePKP	52	09.00	5.5X
SDW	149.08	324	PKP	52	06.00	2.0X
ISA	149.09	327	ePKP	52	09.00	5.1X
SBB	149.45	325	ePKP	52	06.00	1.5
RVR	149.69	323	ePKP	52	07.00	2.3
PLM	149.83	322	ePKP	52	07.00	1.8
MWC	149.92	324	ePKP	52	11.00	5.7X
PAS	150.04	324	ePKP	52	12.00	6.7X
BAR	150.17	321	ePKP	52	12.00	6.5X
SYP	150.76	327	ePKP	52	14.00	7.5X

S.D. = 1.0 on 172 of 197 obs.

MAY 30, 1985 09h 40m 57.41± 0.87s
35.486 N ± 8.9km 27.389 E ± 8.7km
DEPTH = 33.0km (normal)
DODECANESE ISLANDS (369)
ML 2.6 (ATH).

NPS	1.47	262	ePb	41	22.50	0.7
			eSg	41	36.50	

YER	1.80	23	iPn	41	27.10	0.5
ELL	2.40	58	iPn	41	35.60	0.3
IZM	2.91	358	iPn	41	43.40	1.6
BCK	3.25	52	ePn	41	47.70	0.4
ATH	3.85	311	ePg	42	03.50	7.7X
PRK	3.86	347	ePb	41	54.50	-1.3
DST	4.23	13	ePn	42	01.10	-0.1
EDC	4.87	4	ePn	42	08.80	-1.4
KHC	17.00	328	P	44	54.90	0.8
BNG	31.96	197	iPc	47	21.80	-0.8
	0.4s		8.00nm			5.0mb X

S.D. = 1.0 on 10 of 11 obs.

MAY 30, 1985 10h 08m 32.81± 0.61s
50.134 N ± 5.8km 5.370 E ± 7.1km
DEPTH = 12.5 ± 6.6 km
BELGIUM (541)
ML 2.7 (LDG), mbLg 2.2 (DOU)

DOU	0.50	266	iPg	08	43.60	0.6
			iLg	08	51.70	
			i	08	54.00	
MEM	0.63	40	iPg	08	43.90	-1.2
			Lg	08	52.00	
WLF	0.69	133	iPg	08	45.50	-0.7
			e	08	57.50	
ENN	0.73	29	ePg	08	47.00	0.2
			e	08	53.50	
GSH	0.88	46	iPgd	08	49.90	0.4
JCK	1.13	36	iPgd	08	54.00	0.3
			iS	09	08.80	
			iS	09	10.20	
PLH	1.27	46	iPgd	08	56.20	0.1
			iS	09	12.50	
			iS	09	13.50	
CDF	2.13	143	Pn	09	08.90	0.3
			Pg	09	14.40	
			Sg	09	38.30	
HAU	2.23	163	Pn	09	11.50	1.5
			Sg	09	44.20	
BSF	2.49	157	Pn	09	14.40	0.6
			Pg	09	18.60	
			Sg	09	51.90	
LOR	3.04	200	Pn	09	20.80	-0.7
			Pg	09	31.30	
			Sg	10	10.10	
LBF	3.28	197	Pn	09	24.40	-0.7
			Sg	10	17.80	
SSF	3.31	203	Pn	09	24.70	-0.7
			Sg	10	18.60	

S.D. = 0.9 on 13 of 13 obs

MAY 30, 1985 10h 43m 26.85± 0.80s
15.380 S ± 7.7km 72.482 W ± 8.0km
DEPTH = 118.6 ± 7.7 km
4.8mb (16 obs.)
SOUTHERN PERU (117)

ARE	1.44	139	iPc	43	54.00	-0.1
LPB	4.37	106	Pc	44	35.20	2.5
	0.8s		231.34nm			
			S	45	37.00	
CNCB	4.55	109	iP	44	37.70	2.3
			S	45	30.00	
NNA	5.42	308	iP	44	45.50	-1.1
	0.5s		140.85nm			5.4mb X
			i	44	46.80	
			eS	45	46.00	
TPZ	7.03	150	iPc	45	33.20	24.2X
YJA	9.45	137	ePc	45	40.00	-1.8
TCA	17.45	157	ePd	47	22.30	-2.0
MDZ	17.73	170	eP	47	27.80	0.6
ITB1	19.32	121	Pd	47	44.30	-1.6
BOG	19.94	355	eP	47	51.50	-0.7
ATB	23.29	61	Pc	48	25.50	0.5
BAO	23.60	94	e(P)	48	26.60	-1.5
VAO	25.23	111	eP	48	42.30	-1.2
			e	48	46.40	
			e	48	54.30	
BHO	53.87	337	e(P)	52	36.00	-3.9X
RLO	55.52	338	eP	52	51.50	-0.4
TUL	55.58	337	eP	52	52.00	-0.3
	1.3s		15.90nm			4.8mb
			e	53	24.70	
ALQ	59.54	328	eP	53	20.00	-0.3
	0.9s		4.20nm			4.5mb
LHC	65.25	348	eP	53	56.50	-1.1

30a 10h

RSON 68.53 346 eP 54 17.50 -0.8
KIC 70.48 77 iP 54 29.00 -1.9
0.8s 97.00nm 5.7mb
ORV 71.22 322 eP 54 37.00 2.1
SPA 74.72 180 eP 54 56.30 1.1
1.0s 9.50nm 4.5mb
FRB 78.93 2 eP 55 18.00 -0.2
SBA 81.19 191 e(P) 55 31.60 1.4
TOL 84.00 46 iPd 55 47.00 1.8
1 0s 4.00nm 4.3mb
YKC 84.28 342 eP 55 47.00 0.9
0.7s 7 00nm 4.7mb
YKA 84.33 342 eP 55 47.20 0.8
EPH 88.30 44 eP 56 06.10 -0.1
LFH 89.30 43 eP 56 10.90 0.1
0.9s 19.40nm 5.2mb
MFF 89.37 41 eP 56 11.20 0.0
0.6s 4.30nm 4.7mb
LPO 89.50 43 eP 56 11.80 0.0
0.8s 10.70nm 5.0mb
GRR 89.64 39 eP 56 12.10 -0.3
RJF 89.95 43 eP 56 13.70 -0.2
FLN 90.02 39 eP 56 14.60 0.5
CAF 90.17 43 eP 56 14.90 0.0
0.8s 6.70nm 4.8mb
LSF 90.31 42 eP 56 15.20 -0.3
0.8s 6.20nm 4.8mb
TCF 90.76 42 eP 56 17.10 -0.5
0.8s 5 40nm 4.8mb
MZF 90.98 42 eP 56 18.50 -0.1
0.9s 8.10nm 4.9mb
AVF 91.68 42 eP 56 21.60 -0.2
0.7s 4.50nm 4.8mb
SSF 91.87 42 eP 56 22.10 -0.6
SMF 91.94 42 eP 56 23.00 0.0
0 8s 9 40nm 5.1mb
LBF 92.15 42 eP 56 23.70 -0.3
BNG 92.15 86 iPd 56 25.40 0 7
0.7s 10.00nm 5.2mb
LOR 92 17 41 eP 56 23.70 -0.4
WRA 136.09 218 PKP 02 38.00 1.5
0.7s 1.00nm
MAT 145.52 3 3 ePKP 02 54.00 1.1
0.9s 10.08nm
NDI 149.05 60 ePKP 03 04.00 5.3X
GBA 150.83 90 PKPd 03 08.50 6.8X
0.7s 10.70nm
S.D. = 1.1 on 44 of 48 obs.

% MAY 30, 1985 10h 50m 56.90± 1.99s
40.680 N ±14.5km 30.138 E ±18.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA 0.41 161 iPg 51 05.30 0.0
iSg 51 11.20
CTT 1.38 290 ePn 51 21.60 -0.5
DST 1.58 228 ePn 51 25.10 0.1
EDC 1.77 260 iPn 51 27.80 0.1
DMK 2.13 303 iPn 51 33.30 0.4
IZM 3.18 225 ePn 51 56.00 8.0X
S.D. = 0 5 on 5 of 6 obs.

& MAY 30, 1985 12h 04m 43.79s
60.360 N 145.986 W
DEPTH = 27.3km
SOUTHERN ALASKA (2)
<AGS-P>. ML 3.4 (PMR).

CVA 0.22 32 iP 04 49.72 -0.2
HIN 0.25 278 iP 04 50.64 0.1
SGAM 0 41 70 iP 04 52.53 -0.2
iS 04 58.11
FID 0.46 328 iP 04 53.47 0.0
CSG 0.64 61 iP 04 56.98 0.6
RAGM 0.65 87 iP 04 56.92 0.3
GLI 0.76 314 iP 04 57.83 -0.5
VLZ 0.79 348 iP 04 58.36 -0.5
iS 05 09.34
TTV 0.89 322 iP 04 59.86 -0.6
iS 05 12.66
KAIM 0.90 118 iP 04 59 89 -0.6
eS 05 12.06
BMRM 0.92 48 iP 05 00.20 -0.7
TSIM 0.93 20 iP 05 00.33 -0.7
MID 0.95 191 eP 05 01.48 0.2
iS 05 13.21

KLU 1 14 2 iP 05 03.72 -0 3
CFI 1.20 314 iP 05 04.27 -0 5
KMP 1.25 22 iP 05 05.42 -0.2
iS 05 21.37
GLB 1.52 43 iP 05 09.31 -0.2
PTE 1.58 290 iP 05 10.00 -0.3
KNK 1.60 312 iP 05 10.54 -0.1
SCM 1.62 337 iP 05 10.82 -0.1
MPA 1.68 276 iP 05 11.04 -0.7
iS 05 31.20
SEW 1.75 263 iP 05 11.82 -0.8
TOA 1.75 357 iP 05 13.71 0.8
YKGM 1.80 98 eP 05 12.80 -0.7
SML 1.85 323 iP 05 13.86 -0.3
BALM 1.92 68 iP 05 14.46 -0.8
PME 1.96 312 eP 05 15.40 -0.3
PMS 1.96 298 eP 05 14.80 -1.1
PLRM 1.97 310 eP 05 15.95 0.0
GHO 2.01 316 eP 05 16.33 -0.3
MSE 2.07 317 iP 05 17.07 -0.5
SLKM 2.11 276 iP 05 16.87 -1.1
YAH 2.11 88 iP 05 16.84 -1.3
PWA 2.30 306 P 05 20.80 0.3
CTGM 2.37 73 eP 05 20.78 -1.0
AGAM 2.48 93 eP 05 22.24 -1.0
BRLK 2.53 258 iP 05 22.66 -1.3
SUA 2.57 298 eP 05 23.57 -1.1
NKA 2.62 281 eP 05 25.03 -0.2
PCA 2.87 93 eP 05 27.15 -1.6
SPU 3.09 288 iP 05 29.83 -2.1
CGLM 3.10 290 eP 05 30.15 -1.9
SKT 3.14 304 eP 05 30.82 -1.8
CRP 3.16 289 eP 05 31.25 -1.7
RDT 3.19 277 eP 05 30.97 -2 3
BCPM 3.20 95 eP 05 32.05 -1.4
PNL 3.38 99 eP 05 33.64 -2.3
ILM 3.41 270 eP 05 33.89 -2.5
HON 3.69 101 eP 05 37.15 -3.3
KDC 4.26 235 eP 05 45.20 -3.2
COL 4.63 350 eP 05 57.00 3.2
FBA 4.63 350 eP 05 51.50 -2.3
INK 9.61 29 eP 07 24.00 20.8
YKA 15.08 68 eP 08 24.00 7.6
54 obs. associated

* MAY 30, 1985 12h 14m 38.13± 0.40s
30.073 S ± 9.6km 177.532 W ± 9.1km
DEPTH = 55.7km (4 depth phases)
5.0mb (10 obs.)
KERMADEC ISLANDS (178)

GNZ 9.30 202 eP 16 52.00 -0.2
S 18 38.00
MNG 11.96 207 P 17 26.00 -2.3
e 19 30.00
S 19 37.00
WEL 12.81 207 P 17 53.00 13.5X
S 19 55.00
TCW 12.95 209 P 17 41.20 -0.1
S 19 59.00
NOU 16.31 295 iPc 18 32 00 7.1X
PVC 17.82 310 iPc 18 53.00 9.3X
MSZ 18.56 214 P 18 50.90 -1.7
eS 22 05.00
KOU 18.95 296 iPc 18 58.20 0.7
CAN 28.56 251 iPd 20 33.50 2.7
WAM 28.68 249 iPd 20 34.90 3.0X
YOU 29.07 253 iPd 20 38.00 2.6
RMQ 29.84 269 eP 20 44.00 1.6
0.8s 181.00nm 5.8mb X
CMS 31.42 258 eP 20 57.00 0.8
TOO 31.46 246 eP 20 59.00 2.4
CTA 34.15 278 iPc 21 19.70 -0.3
0.8s 51.12nm 5.5mb
STK 34.95 256 eP 21 28 00 1.2
ASPA 43.53 266 eP 22 37.00 -1.2
0.9s 24.00nm 4.9mb
WB2 44.48 272 iPc 22 44.20 -1.7
WRA 44.49 272 Pd 22 44.70 -1.2
0.7s 39.20nm 5.3mb
SBA 48.39 184 iPd 23 22.30 6.4X
1.0s 15.00nm 5 0mb
i 23 27.10
WBN 49.05 260 eP 23 20.00 -1.7
KLB 54.83 251 eP 24 03.00 -1.9
MRWA 57.00 253 eP 24 19.00 -1.5
SPA 60.09 180 eP 24 45 30 3.5X

1.0s 9.00nm 4.9mb
MAW 72.76 200 eP 26 04.00 2.1
MAT 78.20 325 (P) 26 32.00 -1.2
1.0s 20.00nm 5.1mb
KGM 81.62 277 ePc 26 51.90 0.0
IPM 84.89 278 ePd 27 07.20 -1.4
JAS1 86.15 42 e(P) 27 14.20 -0.2
e 27 31.10
GLA 86.38 48 eP 27 16.80 1.2
epP 27 32.00 53km
ORV 86.66 40 eP 27 16.30 -0.5
epP 27 33.00 59km
WDC 86.81 39 e(P) 27 17.40 -0.1
e 27 33.80
BMN 89.68 42 eP 27 31.00 -0.4
1.0s 2.25nm 4.4mb
epP 27 48.00 60km
EUR 89.79 43 iP 27 32.00 -0.1
0.2s 5.58nm 5.5mb
LTX 91.87 57 eP 27 43.00 1.3
1.0s 3.60nm 4.8mb
epP 27 58.20 52km
BJI 92.98 315 eP 27 46.00 -0.3
ALQ 93.05 51 eP 27 47.00 -0.1
1.0s 5.75nm 5.0mb
BDW 95.62 43 eP 27 58.00 -0.8
COL 97.46 12 eP 28 04.00 -2.3
SOB1 122.88 126 ePKP 33 31.20 1.0
BUL 124.09 210 iPKPd 33 33.10 0.5
FRB 124.89 31 ePKP 33 31.00 -1.5
MTD 125.62 215 ePKP 33 36.00 0.4
KRI 126.53 213 ePKP 33 38.00 0.6
KEV 137.89 348 ePKP 33 57.00 -0.2
SOD 139.98 346 ePKP 34 02.00 1.0
KJF 142.32 342 iPKP 34 01.80 -3.5X
0.7s 17.40nm
i 34 06.70
SUF 143.93 342 iPKP 34 04.00 -4.1X
0.8s 10.00nm
NUR 146.14 340 iPKP 34 11.00 -0.9
0.7s 110.80nm
i 34 14.10
NB2 148.49 352 PKP 34 16.60 0.9
0.8s 33.90nm
UPP 148.50 345 iPKP 34 17.30 1.6
BER 149.62 357 ePKP 34 21.30 3.9X
BNG 150.32 214 iPKPc 34 21.20 1.3
0.6s 36.00nm
ic 34 26.00
BHL 151.67 286 PKP 34 29.00 7.5X
CLL 157.38 343 iPKP 34 39.20 10.7X
i 34 58.50
BRG 157.51 341 e(PKP) 34 35.00 6.3X
S.D. = 1.4 on 44 of 56 obs.

MAY 30, 1985 12h 18m 09.11± 0.60s
33.889 N ± 8.7km 132.374 E ± 7.5km
DEPTH = 59.8 ± 7.0 km
4.2mb (3 obs.)
SHIKOKU, JAPAN (236)
Felt (II JMA) at Matsuyama, Shikoku and Hiroshima, Honshu. Felt (I JMA) at Kochi, Shikoku and Okayama, Honshu.

MTY 0.34 98 iP 18 18.40 -1.2
iS 18 25.10
HIR 0.48 6 Pc 18 20.40 -0.5
iS 18 27.80
SHK 0.69 21 iPd 18 22.90 -0.4
eS 18 31.60
OIT 0.91 224 eP 18 27.00 1.0
eS 18 40.00
KOC 1.03 109 iPc 18 27.60 0.0
iS 18 41.00
SHN 1.19 273 Pc 18 30.60 0.7
S 18 46.10
TKM 1.46 73 eP 18 34.00 0.4
iS 18 50.30
OKA 1.50 58 eP 18 35.00 0.9
iS 18 51.70
TOT 2.20 42 eP 18 48.00 4.2X
eS 19 15.00
MAT 5.46 59 iPc 19 29.90 0.1
0.5s 14.08nm 4.5mb
(S) 20 39.00
BJI 14.32 300 eP 21 37.50 7.4X

```
WB2     53.56 178 eP     27 25.30   -0.8
                  e      28 26.00
WRA     53.56 178 Pc     27 25.60   -0.5
        0.8s      2.30nm          4.3mb
SUF     67.33 331 eP     28 58.00   -1.4
YKA     70.09  27 eP     29 18.50    2.0
NB2     74.02 334 P      29 38.00   -1.8
        0.8s      1.30nm          3.9mb
FRB     81.29   9 eP     30 21.00    1.3
     S.D. = 1.2  on  15 of  17 obs.

   MAY  30, 1985  12h 18m 11.95± 0.84s
   42.512 N ± 7.6km   24.236 E ± 6.2km
   DEPTH =  10.0km  (geophysicist)
 BULGARIA                          (359)

PLD     0.53 139 iPg     18 23.00    0.2
                 iSg     18 31.00
PVL     0.94  47 eP     18 29.00   -0.8
MMB     1.00 202 iPgd    18 30.00   -0.9
DIM     1.10 115 ePg     18 33.00    0.4
KDZ     1.20 136 eP      18 34.00   -0.3
JMB     1.74  91 eP      18 43.00    0.7
SKO     2.15 256 iPn     18 49.00    0.7
                 iSn     19 18.00
DMK     2.71 104 ePn     18 56.30    0.0
OHR     2.93 243 ePn     19 04.00    4.6X
PSN     3.12  67 e(P)    19 13.00   11.0X
     S.D. = 0.7  on   8 of  10 obs.

   MAY  30, 1985  12h 45m 02.13± 0.24s
   24.303 S ± 4.0km   67.011 W ± 6.5km
   DEPTH = 181.3km  (  7 depth phases)
   5.0mb ( 23 obs.)
 CHILE-ARGENTINA BORDER REGION    (127)

SLA     1.45 107 iPd     45 36.80    2.6
                 S       46 03.00
YJA     2.54  33 iPd     45 47.70    1.5
                 S       46 21.60
ANT     3.17 280 iPc+    45 49.80   -3.6X
                 iS      46 24.80
TPZ     3.23 331 iPd     45 53.80   -0.8
                 iS      46 33.30
CYA     4.27 165 e(P)    46 08.20    0.9
                 S       46 58.00
RTLL    7.12 190 ePd     46 42.70   -2.0
                 S       48 00.00
RTCB    7.33 192 e(P)    46 47.10   -0.5
                 S       48 03.80
TCA     7.33 164 iPc     46 46.10   -1.5
                 S       48 06.90
CFA     7.36 188 ePc     46 45.60   -2.3
ZON     7.36 191 eP      46 48.00    0.0
CNCB    7.51 353 iP      46 49.30   -1.2
                 S       48 09.00
RTCV    7.65 190 ePd     46 50.20   -1.6
                 S       48 11.30
LPB     7.80 352 P       46 51.50   -2.6X
                 i       46 53.20
                 S       48 15.00
ARE     8.86 331 iPc     48 03.00   55.0X
                 iS      49 36.00
PEL     9.38 199 iPc     47 13.50   -1.0
                 i       47 26.30
SAN     9.66 198 eP      47 17.50   -0.6
LNV    10.36 201 eP      47 23.50   -3.7X
RFA    10.51 187 ePc     47 26.40   -2.8X
VBA    14.37 164 ePd     48 15.60   -2.8X
NNA    15.39 321 eP      48 27.70   -3.6X
       0.9s      9.24nm          4.2mb
                 e       51 20.00
VAO    18.41  90 iPd     49 07.00    0.7
                 i       49 09.30
                 i       49 14.50
                 e       49 20.80
                 e       49 26.30
BAO    19.83  68 iPc     49 20.60   -0.4
ATB    25.30  37 Pd      50 12.70   -0.9
SOB1   29.08  63 eP      50 46.30   -1.6
       0.6s     25.10nm          5.1mb
                 i       50 47.30   4kmX
                 i       50 56.70
BOG    29.56 346 eP      50 56.00    3.6X
ITR    31.36  65 eP      51 05.70   -2.2
       0.6s     19.30nm          5.0mb
                 i       51 10.20   16kmX

TPM    53.17 321 iP      54 04.50    0.7
PRM    59.87 345 P       54 49.00   -1.8
GFM    61.69 346 P       55 01.50   -1.8
RSCP   62.12 343 P       55 04.00   -1.9
BLA    62.47 348 P       55 07.00   -1.2
LTX    63.92 325 iP      55 17.00   -0.9
       0.9s      6.50nm          4.5mb
BHO    64.08 335 ePd     55 17.60   -1.1
RLO    65.71 335 iP      55 28.00   -1.2
                 e       56 11.50 184km
FVM    65.75 340 eP      55 28.50   -0.9
       1.0s     45.00nm          5.2mb
                 e       56 11.00 180km
TUL    65.78 335 iP      55 28.50   -1.1
       0.8s     37.50nm          5.3mb
                 e       56 11.60 182km
SPA    65.84 180 iPd     55 31.00    1.0
       0.8s     16.25nm          4.9mb
KIC    67.86  72 eP      55 42.50   -0.6
RSNY   68.86 354 eP      55 48.30   -0.4
ALQ    69.79 326 ePd     55 54.50   -0.3
       0.9s     29.41nm          5.1mb
GLA    73.00 319 iP      56 14.00    0.3
GLD    73.02 330 eP      56 14.20    0.3
       1.0s     24.00nm          4.9mb
GOL    73.05 330 eP      56 13.80   -0.3
       1.1s     11.54nm          4.5mb
SBA    73.40 190 iPd     56 17.10    1.7
       1.1s     44.30nm          5.1mb
LHC    75.09 345 eP      56 24.50   -0.9
RUV    75.29 260 iP      56 28.90    1.7
       1.0s     35.00nm          5.0mb
SDW    75.42 319 P       56 28.00    0.3
MSU    75.47 325 P       56 28.70    0.6
                 pP      57 10.00 169kmX
VAH    75.50 260 iP      56 30.30    1.9
       1.0s     55.00nm          5.2mb
TPT    75.58 260 iP      56 31.00    2.2
       1.0s     50.00nm          5.2mb
PMO    75.82 260 iP      56 32.20    2.0
       1.0s     50.00nm          5.2mb
RSSD   76.07 333 iP      56 31.30    0.0
       0.9s     16.81nm          4.8mb
                 epP     57 15.00 180km
BDW    77.41 329 iP      56 39.00    0.2
       1.0s      8.00nm          4.4mb
                 epP     57 24.00 185km
EUR    78.20 323 iP      56 43.60    0.4
       0.2s     22.61nm          5.6mb
RSON   78.46 343 eP      56 43.30   -0.7
       1.1s     11.63nm          4.5mb
                 epP     57 28.00 183km
PRI    78.61 318 ePd     56 45.90    0.5
MNA    78.68 321 eP      56 46.30    0.6
SCH    78.79   0 eP      56 46.00    0.3
LLA    79.10 319 eP      56 48.60    0.8
PRS    79.17 318 eP      56 48.80    0.6
BMN    79.55 323 iP      56 50.00   -0.3
       1.0s      2.50nm          3.9mb X
JAS1   79.65 320 ePd     56 51.10    0.3
MHC    79.99 319 eP      56 53.50    0.8
GCC    80.01 318 eP      56 53.10    0.5
ORV    81.36 320 iPd     57 00.30    0.6
MIN    81.95 321 e(P)    57 02.50   -0.4
GAS    82.14 320 P       57 05.00    1.2
WDC    82.64 321 ePd     57 05.30   -0.9
FFC    84.24 340 ePd     57 13.60   -0.4
       1.2s     14.00nm          4.6mb
NEW    85.04 329 eP      57 18.00   -0.2
TOL    86.69  43 eP      57 30.00    3.6X
                 i       58 13.50 174km
PNT    86.95 329 eP      57 28.00    0.5
       0.8s     13.00nm          4.8mb
BNG    87.76  84 iPc     57 34.00    1.8
       0.7s     19.00nm          5.1mb
                 ic      57 43.80   31kmX
KRI    89 03 108 iPc     57 41.00    2.7X
MTD    90.76 109 eP      57 49.00    2.8X
MLS    91.60  43 eP      57 51.00    1.6
YKC    94.35 340 eP      58 02.00    0.4
       0.6s      8.00nm          5.1mb
YKA    94.40 340 eP      58 02.40    0.6
MSZ    95.01 216 P       58 05.90    0.7
MUN   123 95 183 ePKP    03 40.00   -0.5
ASPA  128.18 205 iPKPd   03 48.80   -0.1X
       0.9s     24.00nm
WB2   131.35 207 ePKP    03 42.70  -12.2X

                 i       03 55.30
WRA   131.35 207 PKPd    03 50.10   -4.9X
       0.8s      1.00nm
GBA   144.83 101 PKPc    04 20.00    0.4
       0.7s     25.80nm
HYB   147.16  95 ePKP    04 25.00    1.5
       0.9s     33.00nm
NDI   147.76  74 ePKP    04 25.50    1.4
GUA   148.04 256 ePKP    04 28.30    3.4X
       0.8s    107.46nm
GUMO  148.10 256 ePKP    04 28.50    3.6X
PJG   148.10 256 ePKP    04 28.20    3.3X
TRT   148.19 179 iPKPc   04 30.60    5.5X
       0.8s     57.30nm
PPI   152.52 152 ePKP    04 16.00  -15.7X
MAT   155.15 305 ePKP    04 44.00    9.4X
CHTO  165.84 110 ePKP    04 47.00    0.5
       1.0s      2.75nm
                 e       05 49.00
     S.D. = 1.2  on  73 of  93 obs.

   MAY  30, 1985  13h 06m 21.76± 0.11s
   49.133 N ± 2.6km   154.094 E ± 2.7km
   DEPTH = 150.4km  ( 18 depth phases)
   5.5mb ( 75 obs.)
 KURIL ISLANDS                     (221)
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 15S, 28C
      Centroid Location:
      Origin Time        13:06:25.7 0.4
      Lat 48.76N 0.04 Lon 153.96E 0.09
      Dep 150.7 1.8 Half-duration  2.2
      Moment Tensor; Scale 10**24 D-CM
        Mrr=-1.20 0.11  Mtt= 0.32 0.16
        Mff= 0.88 0.16  Mrt= 1.96 0.10
        Mrf= 1.17 0.10  Mtf= 0.54 0.14
      Principal Axes:
        T  Val=  2.48  Plg=31  Azm=316
        N        0.20      16       53
        P       -2.68      57      159
      Best Double Couple:Mo=2.6*10**24
       NP1:Strike= 15 Dip=17 Slip=-129
       NP2:       235     77      -79

SMY    13.12  66 eP      09 26.10    2.9X
                 eLg     11 41.00
TSK    16.47 224 eP      10 03.90   -1.4
DDR    17.07 225 eP      10 12.00   -0.7
MAT    17.10 229 eP      10 12.00   -1.0
       0.8s     78.36nm          5.1mb
                 eS      13 20.00
KYS    17.30 222 eP      10 16.80    1.4
SRY    17.35 224 eP      10 15.60   -0.4
OYM    17.52 224 eP      10 17.60   -0.5
ADK    18.73  70 P       10 29.00   -2.1
SHK    21.52 235 iPc     11 01.20    1.7
BJI    28.24 266 eP      12 01.50   -0.7
                 eS      16 34.00
                 eSS     17 34.00
TTA    30.22  44 eP      12 19.70    0.0
SSE    30.62 246 eP      12 24.50    1.1
       1.0s     26.00nm          4.9mb
     N  12s      1.10um
                 S       17 18.00
IMA    31.51  38 eP      12 31.00    0.6
BRW    31.54  28 eP      12 31.00    0.6
KDC    32.18  54 eP      12 34.50   -2.2
PME    33.50  46 eP      12 47.10   -1.6
COL    33.90  40 iPc     12 51.90    2.3
       0.9s    119.75nm          5.6mb
                 e       13 23.00 143km
                 eS      18 07.00
FBA    33.90  40 P       12 51.70    0.1
PJG    36.25 195 eP      13 06.70   -5.1X
GUA    36.29 195 eP      13 06.80   -5.4X
PNL    38.50  48 eP      13 30.50    0.1
INK    39.31  34 iPc     13 37.50    0.7
       0.9s    138.00nm          5.7mb
MBC    42.13  21 iPc     14 00.60    0.7
       0.6s     48.00nm          5.3mb
BAG    42.50 232 eP      14 03.10   -0.6
       1.0s    158.00nm          5.6mb
                 eS      20 14.00
KMI    46.35 258 iPc     14 34.50    0.0
     E  16s      0.80um
                 S       21 06.00
```

30a 13h

ALE	47.32	6	ePc	14	39.80	-1.4				eScS	26	12.00		RMQ	75.43	185	eP	17	50.00	-0.3
	0.7s	48.00nm			5.3mb					LR	43	40.00		WTS	75.47	340	ePc	17	50.00	-0.3
PHC	48.29	57	eP	14	49.50	0.6	KGM	63.80	240	ePc	16	41.30	1.4				e	20	41.00	
DAV	48.30	219	eP	14	48.00	-1.5				e	17	12.00	126kmX	MLR	75.49	325	iPd	17	50.00	-0.7
YKA	48.63	38	eP	14	52.30	0.8	SDW	64.06	66	P	16	41.00	-0.6	MOX	75.53	336	iPc	17	50.00	-0.7
RSNT	48.64	3?	P	14	52.00	0.5	RSON	64.79	40	iP	16	45.30	-0.5		1.8s	277.00nm			5.7mb	
			pP	15	26.80	153km		1.0s	21.00nm			5.0mb					eS	27	20.00	
YKC	48.69	38	ePc	14	51.90	0.0	RSSD	64.80	51	iP	16	46.30	0.0	DBN	75.73	341	eP	17	52.00	0.3
	0.9s	34.00nm			5.1mb			0.9s	48.32nm			5.4mb		LTX	75.76	62	iP	17	53.00	0.5
MOM	51.30	189	eP	15	11.00	-1.3				epP	17	21.80	148km		0.8s	37.96nm			5.2mb	
KVG	51.58	184	eP	15	14.00	-0.3	MTN	64.96	205	iPd	16	46.20	-1.0				ipP	18	30.50	152km
LOE	52.62	252	eP	15	21.00	-1.1		0.8s	74.00nm			5.7mb		HOF	75.77	336	iPc	17	52.00	-0.1
			e	28	47.00		AKU	65.36	356	iPc	16	49.00	-0.2		1.1s	196.00nm			5.8mb	
SHL	53.11	267	iP	15	25.20	-0.7		0.8s	65.67nm			5.6mb		CMP	76.02	326	ePd	17	55.00	1.5
PNT	53.27	55	eP	15	26.00	-0.6	UPP	65.75	338	iP	16	50.30	-1.5	SRO	76.13	331	iP	17	53.40	-0.6
	0.8s	21.00nm			5.0mb		RMU	65.96	61	eP	16	53.00	-0.7	PSN	76.15	323	iPd	17	56.00	1.8
CHG	53.33	256	iPc	15	28.00	0.7	MHI	66.30	298	eP	16	55.00	-0.9	ZST	76.17	332	iPc	17	55.00	0.7
	1.1s	94.94nm			5.5mb		GLA	66.49	66	iP	16	57.00	0.0				e	18	31.00	145km
			eS	22	52.00		REY	67.03	358	iPc	17	00.40	0.6	FVM	76.18	47	eP	17	54.10	-0.5
CHTO	53.33	256	iP	15	28.00	0.7	TRT	67.20	225	iPc	17	01.30	-0.2		0.9s	33.90nm			5.1mb	
	1.0s	80.00nm			5.5mb		GOL	67.23	55	eP	17	03.00	1.1				ipP	18	31.00	149km
Z	20s	0.76um			4.7Msz			1.0s	7.50nm			4.5mb	X	BUD	76.19	330	iPc	17	53.60	-0.8
DAG	54.29	358	iPd	15	31.20	-2.5	GLD	67.27	55	eP	17	03.10	1.1	COZ	76.23	326	eP	17	55.50	0.6
	0.7s	41.78nm			5.4mb			1.2s	36.36nm			5.1mb		OTT	76.33	34	eP	17	54.00	-1.2
			i	16	35.00	294kmX	HYB	67.61	271	iPc	17	03.50	-0.7	BNS	76.34	339	eP	17	55.00	-0.2
BDT	54.45	254	eP	15	36.10	0.5		0.9s	83.30nm			5.6mb			1.0s	170.00nm			5.7mb	
	1.0s	51.80nm			5.3mb		KNA	68.39	206	eP	17	08.00	-0.8	MBL	76.34	213	iPd	17	55.50	0.0
NST	54.92	252	eP	15	39.90	0.9	LHC	68.52	40	eP	17	08.00	-1.4	KHC	76.37	335	iPc	17	56.10	0.6
NEW	55.23	54	eP	15	40.00	-1.0	CTA	69.26	188	iPd	17	12.60	-1.5		1.0s	267.50nm			5.9mb	
			e	16	15.00	151km		0.9s	42.44nm			5.3mb					e	18	36.00	162kmX
KEV	55.32	340	eP	15	39.00	-2.2	POO	69.89	275	iPc	17	20.30	2.1	PLH	76.39	339	ePd	17	55.10	-0.3
			isP	16	19.00			1.0s	110.00nm			5.6mb		GRF	76.51	336	iPc	17	56.80	0.6
			esPP	18	20.00		KOU	69.97	170	iPc	17	15.70	-2.7		0.9s	247.00nm			5.9mb	
			ePPP	18	44.00		ALQ	70.04	60	eP	17	18.80	-0.3	WET	76.56	335	iPc	18	00.10	3.6X
			eS	23	12.00			0.9s	16.60nm			4.9mb		DLE	76.65	348	iPc	17	57.10	0.3
KKN	55.94	274	iP	15	46.20	-0.4				e	17	27.00	26kmX		0.8s	500.00nm			6.3mb	
PKI	56.01	274	iP	15	46.60	-0.5	COP	70.75	338	iPd	17	21.50	-1.2	DCN	76.69	349	iPc	17	57.20	0.1
DMN	56.18	274	iP	15	48.30	0.0		0.6s	170.67nm			6.1mb			0.7s	87.00nm			5.6mb	
KHT	56.56	253	eP	15	51.50	0.8				iS	26	27.00		TNS	76.73	338	ePc	17	57.50	0.1
WDC	56.88	65	e(P)	15	53.10	0.4	MUD	70.80	340	iPd	17	26.20	3.2X	STB	76.76	339	iPc	17	57.50	0.0
SOD	57.27	339	iP	15	53.30	-1.8		0.7s	24.00nm			5.1mb		BHO	76.77	52	eP	17	57.40	-0.5
			isP	16	33.20					e	18	04.00	156km	SOP	76.79	332	iPc	17	58.40	0.7
GAS	57.36	66	P	15	57.30	1.1	SCH	70.89	24	eP	17	21.10	-2.6		1.0s	72.40nm			5.4mb	
NNT	57.52	2?0	eP	15	57.90	0.5		0.6s	44.00nm			5.5mb		ENN	76.81	340	iPc	17	57.80	0.0
ORV	58.15	65	eP	16	01.30	-0.3	W82	70.98	200	iPd	17	23.60	-0.9		1.0s	313.00nm			6.0mb	
			e	16	35.60	145km	WRA	70.98	200	Pc	17	24.00	-0.6	MEM	76.94	340	Pc	17	58.90	0.4
SVO	58.25	173	P	16	02.00	-0.4		0.5s	16.90nm			5.1mb					iPg	19	02.00	
VSG	58.34	173	P	16	02.00	-1.1	GBA	71.12	269	Pc	17	25.10	-0.5	MNT	76.98	32	eP	17	58.00	-0.8
FFC	58.50	41	iPc	16	03.60	-0.3		0.7s	70.00nm			5.6mb		CLO	77.00	327	ePc	17	58.00	-0.9
	0.9s	47.00nm			5.4mb		IR2	71.61	303	eP	17	28.80	0.4	UCC	77.13	341	P	18	00.00	0.5
HNR	58.54	173	P	16	04.00	-0.4	NOU	71.97	168	iPd	17	19.00	-11.3X	KMR	77.19	334	iP+	18	00.30	0.4
LRM	59.25	54	eP	16	09.50	0.0	TAB	72.25	308	eP	17	33.00	0.8				i	18	52.00	216kmX
			e	16	45.20	151km	KOD	73.58	267	eP	17	41.00	0.6	ELC	77.31	47	P	18	01.00	0.2
KJF	59.50	336	iP	16	08.80	-1.8	KSP	74.06	334	iPc	17	42.00	-0.3	RSNY	77.48	33	eP	18	01.30	-0.3
	0.8s	139.40nm			5.9mb			0.7s	94.00nm			5.6mb			0.8s	9.15nm			4.6mb	
			isP	16	49.50					ic	18	22.20	165kmX	DOU	77.74	340	Pc	18	02.90	0.0
			ePPP	19	54.00		SPC	74.30	331	iPc	17	44.20	0.2		0.7s	217.50nm			6.0mb	
			eS	24	08.00		CLL	74.56	336	iPc	17	44.40	-0.7				S	27	47.00	
JAS1	59.84	66	P	16	13.50	0.2		1.0s	205.00nm			5.8mb		PVL	77.77	324	eP	17	59.00	-4.2X
BMN	60.09	62	iP	16	16.00	0.8				ipP	18	20.60	147km	WLF	77.79	339	Pc	18	03.60	0.4
	0.6s	4.44nm			4.6mb		ASPA	74.68	199	iPd	17	46.30	0.2	JMB	77.80	323	iPd	18	03.00	-0.4
			ipP	16	52.00	152km		0.8s	64.00nm			5.4mb		BHG	77.85	334	eP	18	00.30	-3.3X
GDH	60.19	11	iPc	16	14.00	-1.2	BRG	74.70	335	iPc	17	45.10	-0.8	DMK	77.88	322	iPc	18	03.70	-0.1
	1.0s	180.00nm			6.0mb			1.1s	70.00nm			5.3mb		STU	77.88	337	ePc	18	03.60	-0.1
PRS	60.31	68	e(P)	16	16.70	0.2				i	18	01.00	57kmX		1.0s	100.00nm			5.5mb	
LLA	60.38	67	e(P)	16	17.50	0.5				e	18	25.00		FUR	77.89	336	iPc	18	04.40	0.6
NDI	60 59	281	iPc	16	17.00	-1.5				e	20	33.00			1.2s	326.00nm			5.9mb	
	?s	30 82nm			5.3mb					e	21	11.00		GWF	78.08	338	iPc	18	04.70	-0.2
MNA	60 85	64	eP	16	21 10	0 7	WIT	74.74	340	eP	17	47.00	0.9	SKLY	78.09	33	eP	18	04.90	0.0
			e	16	57.20	152km	VRI	74.88	325	eP	17	46.00	-1.1	GPA	78.09	319	eP	18	03.00	-2.1
SUF	61 11	335	iP	16	20.10	-1.5	CFR	74.90	324	ePc	17	47.00	-0.2	CTT	78.17	321	iP	18	05.00	-0.4
	0.7s	102.70nm			5.9mb					e	17	50.00	10kmX	BUH	78.22	338	ePc	18	05.80	0.2
EUR	61.44	62	iP	16	25.20	0 8	TUL	75.11	52	iP	17	48.70	0.1	HNME	78.27	28	P	18	05.50	-0.4
	0.2s	103.27nm			6.4mb			1.2s	30.70nm			4.9mb		KBA	78.30	334	iPc	18	06.60	0.3
FRB	62.58	20	iPc	16	29.60	-1.7	Z	23s	0.29um			4.5MszX			0.8s	340.00nm			6.1mb	
	0.7s	106.00nm			5.9mb					e	18	25.60	149km				i	18	08.80	
VPEM	62.71	66	P	16	32.30	-0.4	CVO	75.12	325	eP	17	48.00	-0.5				ipP	18	47.10	165kmX
BDW	62.82	55	eP	16	33.50	0.0	SHI	75.14	298	eP	17	49.00	-0.1				iPP	21	06.30	
	1.0s	43.00nm			5.3mb		MSL	75.18	309	iPd	17	49.00	0.1				ipPP	21	44.20	
			ipP	17	09.00	149km	RLO	75.31	51	P	17	49.70	0.0	DIM	78.55	324	iPc	18	08.00	0.5
IPM	63.05	243	ePd	16	36.10	1.1				e	18	26.00	147km	GAP	78.58	335	iPc	18	08.40	0.8
NUR	63.33	335	iP	16	34.50	-1.8	PRU	75.33	334	iPc	17	49.50	0.0		1.2s	245.00nm			5.8mb	
	0.8s	161.40nm			6.0mb			1.0s	109.10nm			5.5mb		CDF	78.69	338	iPc	18	08.60	0.3
Z	24s	0.40um			4.5MszX		Z	18s	0.40um			4.8Msz			1.0s	141.60nm			5.7mb	
			isP	17	11.00		N	18s	0.30um					MIM	78.75	30	iP	18	09.00	0.5
			ePPP	20	28.00					e	17	55.70	20kmX	PLD	78.84	324	iPc	18	09.00	-0.1
			eS	24	36.00					e	18	26.20		WBN	78.86	205	iPd	18	10.20	0.9

	0.9s	74.00nm		5.4mb		
LJU	78.88	333	ePc	18	09.00	-0.2
			e	18	48.60	160km
MFT	78.94	322	iP	18	09.50	-0.2
KDZ	78.99	323	eP	18	10.00	0.1
VTS	78.99	325	iPc	18	10.00	0.2
SLE	78.99	337	eP+	18	10.00	0.2
EDC	79.07	321	iP	18	10.30	-0.1
VOY	79.08	333	ePc	18	09.30	-1.1
OGA	79.15	335	iPc	18	10.90	0.0
	1.1s	308.00nm		5.9mb		
RTB	79.20	309	iPd	18	12.60	1.5
NAU	79.21	216	eP	18	12.00	0.8
SAX	79.25	336	eP+	18	11.90	0.3
ZUL	79.28	337	eP+	18	11.90	0.5
HAU	79.30	339	iPc	18	11.60	0.1
	1.0s	55.30nm		5.2mb		
BSF	79.35	338	iPc	18	11.90	0.0
	1.0s	118.50nm		5.6mb		
TRI	79.41	333	iPc	18	11.00	-1.1
			e	18	50.40	159km
			e	27	58.00	
			e	33	18.00	
			e	37	44.00	
OSS	79.55	336	eP+	18	13.90	0.8
MMB	79.66	324	iPc	18	14.00	0.5
LLS	79.69	336	eP+	18	14.30	0.5
CTI	79.72	334	iPc	18	13.50	-0.4
VDL	79.92	336	eP+	18	16.00	1.0
FLN	80.05	343	iPc	18	15.70	0.3
	1.2s	204.50nm		5.7mb		
LDF	80.14	343	iPc	18	16.30	0.4
	0.6s	50.50nm		5.4mb		
EZN	80.14	322	iP	18	15.70	-0.3
BCK	80.32	318	iPc	18	17.40	0.2
RSCP	80.40	46	eP	18	17.50	-0.1
SAL	80.44	335	iPc	18	17.50	0.0
GRR	80.48	343	iPc	18	18.40	0.7
TTG	80.56	328	iPc	18	18.00	-0.2
LOR	80.57	340	iPc	18	18.50	0.3
CMS	80.60	187	eP	18	18.00	-0.3
PRK	80.66	322	ePc	18	08.50	-10.3X
MMK	80.72	337	eP+	18	20.20	0.9
GRC	80.72	340	iPc	18	19.60	0.6
LBF	80.81	340	iPc	18	19.80	0.3
DIX	80.83	337	eP+	18	21.10	1.2
SSF	80.84	340	iPc	18	20.10	0.5
LPF	80.85	343	iPc	18	20.50	0.9
EMS	80.96	338	eP+	18	21.40	0.9
IZM	80.97	320	iPc	18	20.20	-0.3
ORO	81.11	337	iPd	18	21.70	0.5
	0.6s	6000.00nm		7.5mb X		
CSS	81.13	314	eP	18	21.50	0.1
AVF	81.13	340	iPc	18	21.80	0.7
SMF	81.16	340	iPc	18	21.90	0.6
ELL	81.21	318	iP	18	21.60	-0.3
HRI	81.35	312	eP	18	23.50	0.9
BGF	81.47	340	iPc	18	23.40	0.5
KZN	81.51	325	ePc	18	22.50	-0.8
YER	81.60	319	iPc	18	24.60	0.8
PMO	81.82	124	iP	18	26.10	1.1
	0.8s	20.00nm		4.9mb		
MZF	81.85	340	iPc	18	26.10	1.2
PLDF	81.85	340	iPc	18	26.10	1.1
TCF	81.86	341	iPc	18	25.60	0.6
TPT	81.96	124	iP	18	26.70	1.0
	0.8s	25.00nm		5.0mb		
LSF	82.05	341	iPc	18	26.60	0.7
MFF	82.05	342	iPc	18	26.90	1.0
VAH	82.16	124	iP	18	28.60	1.8
	0.8s	15.00nm		4.8mb		
PYM	82.20	340	iPc	18	27.90	1.1
RUV	82.25	124	iP	18	29.20	1.9
	0.8s	30.00nm		5.1mb		
SSB	82.29	339	iPc	18	27.20	-0.1
FOUF	82.44	337	P	18	29.20	1.3
BRT	82.65	328	iPc	18	29.00	0.0
ATH	82.78	323	ePc	18	29.30	-0.5
JER	82.83	311	iPc	18	28.50	-1.8
DUI	82.86	331	iPc	18	30.50	0.4
LCI	82.87	328	iPc	18	29.50	-0.7
RJF	82.95	341	iPc	18	31.50	0.9
	1.0s	116.00nm		5.7mb		
PPT	83.04	127	eP	18	33.00	1.7
	0.8s	45.00nm		5.3mb		
PRM	83.14	44	eP	18	33.00	1.2
CAF	83.19	340	iPc	18	33.00	1.1
YOU	83.20	185	iPd	18	32.50	0.7
FRF	83.38	337	iPc	18	33.40	0.6
	1.2s	173.50nm		5.8mb		
LFF	83.47	341	eP	18	34.30	1.1
LRG	83.55	337	iPc	18	34.60	1.0
	0.8s	125.90nm		5.8mb		
SGO	83.57	330	eP	18	34.00	0.2
LPO	83.61	341	eP	18	35.00	1.0
ORI	83.64	329	iPc	18	34.80	0.7
VLS	83.81	325	ePc	18	34.50	-0.6
PRNI	84.09	311	eP	18	37.50	0.8
CAN	84.20	184	iPd	18	37.40	0.6
NPS	84.32	320	ePc	18	36.20	-1.5
ADE	84.84	193	iPd	18	40.20	0.2
WAM	85.08	184	iPd	18	41.80	0.7
MRWA	85.09	213	eP	18	41.00	-0.3
MLS	85.28	340	ePc	18	42.50	0.1
EPF	85.37	341	iPc	18	43.40	0.5
BAL	86.10	212	eP	18	46.00	-0.3
GIB	86.33	329	eP	18	45.00	-2.7
LGR	86.50	343	eP	18	49.00	0.6
			ePP	22	03.00	
KLB	86.65	210	eP	18	48.50	-0.4
TOO	86.66	187	iPd	18	50.10	1.2
EBR	87.45	340	(P)	18	57.00	4.1X
MUN	87.53	211	eP	18	53.00	-0.1
NWAO	88.05	210	eP	18	55.50	-0.1
TOL	89.29	343	eP	19	02.00	0.2
			eS	29	20.00	
			ePS	30	38.00	
AVE	96.30	344	eP	19	33.50	-0.6
BNG	114.18	310	ePKPc	24	45.00	0.1
	0.8s	7.00nm				
			id	25	39.00	
KIC	121.72	335	ePKP	24	58.90	-0.3
SBA	126.95	177	ePKP	25	07.50	0.0
	1.0s	8.00nm				
SLR	132.24	279	ePKP	25	19.00	-0.3
BFS	134.01	279	e(PKP)	25	23.20	0.6
SEK	134.43	277	e(PKP)	25	26.00	2.6X
SOB1	138.27	23	ePKP	25	26.90	-3.9X
ITR	138.41	19	e(PKP)	25	27.00	-4.1X
YJA	138.77	64	e(PKP)	25	23.00	-9.1X
SPA	138.94	180	e(PKP)	25	20.00	-10.6X
TCA	145.99	73	ePKPc	25	44.30	0.4
VAO	149.07	40	e(PKP)	25	52.00	3.0X
			e	25	58.00	
			e	26	07.10	
			e	26	38.20	

S.D. = 0.9 on 264 of 280 obs.

* MAY 30, 1985 13h 10m 56.77± 1.52s
36.517 N ±12.3km 22.079 E ± 7.4km
DEPTH = 21.5 ± 7.9 km
4.0mb (1 obs.)

SOUTHERN GREECE (368)
ML 3.8 (ATH).

ATH	1.95	41	iPnc	11	29.60	0.5
			eSb	11	55.00	
VLS	2.04	325	ePb	11	34.00	3.6X
NPS	3.13	113	ePn	11	47.20	1.3
			eSg	12	39.50	
LIT	3.59	5	ePn	11	53.70	1.2
PAIG	3.63	20	ePn	11	52.30	-0.7
KZN	3.79	356	ePb	11	58.80	3.4X
OUR	4.09	21	ePn	11	59.10	-0.4
			eSn	12	46.70	
PRK	4.29	49	ePn	12	00.00	-2.4
GRG	4.44	3	ePn	12	05.90	1.4
IZM	4.53	64	ePn	12	09.00	3.1X
KNT	4.68	8	ePn	12	08.50	0.5
			e	13	07.90	
OHR	4.70	348	ePn	12	13.50	5.3X
SRS	4.74	14	ePn	12	09.50	0.7
			eSn	13	06.50	
LCI	5.00	321	ePn	12	11.00	-1.4
			eSn	13	07.50	
MMB	5.22	14	eP	12	16.00	0.4
SKO	5.47	355	ePn	12	33.00	13.9X
N	10s	0.90um				
			i	13	45.00	
KDZ	5.71	25	eP	12	21.00	-1.5
BRT	5.79	320	ePn	12	22.00	-1.5
			eSn	13	24.50	
PLD	5.94	19	eP	12	29.00	3.4X
DIM	6.15	25	eP	12	35.00	6.4X
TTG	6.29	341	ePn	12	33.00	2.4
			eSn	13	40.00	
ELL	6.30	86	ePn	12	30.60	-0.3
HCY	6.54	336	ePn	12	34.50	0.4
			eSn	13	43.00	
GIB	6.60	285	ePn	12	45.00	10.0X
			e(Sn)	13	55.00	
SGO	6.67	309	ePn	12	36.00	0.1
			eSn	13	49.00	
DMK	6.89	38	eP	12	32.00	-7.1X
PVL	7.04	19	eP	12	30.00	-1.1X
DUI	7.84	313	ePn	12	52.00	-0.3
			eSn	14	22.00	
MLR	9.43	17	eP	13	20.00	5.5X
CEY	10.86	330	eP	13	45.40	11.3X
			eS	15	27.50	
VOY	11.32	330	e(P)	13	40.00	-0.3
			eS	15	39.10	
CTI	12.33	324	e(Pn)	14	01.00	7.1X
			eSn	16	04.00	
KHC	14.05	336	P	14	23.50	6.8X
BRG	15.49	340	e(P)	14	50.00	14.5X
CLL	16.15	339	e(P)	14	56.00	12.1X
NUR	24.07	3	eP	16	22.00	10.9X
Z	24s	0.40um				3.8MszX
			LR	43	40.00	
EKA	25.50	326	P	16	25.00	0.1
	1.1s	4.40nm				4.0mb
CTA	128.87	87	iPKPc	30	21.40	16.7X
	0.8s	9.33nm				

S.D. = 1.2 on 20 of 38 obs.

MAY 30, 1985 13h 21m 39.00± 1.08s
28.695 N ± 4.9km 140.479 E ± 4.3km
DEPTH = 44.6 ± 10.3 km
4.8mb (20 obs.)

BONIN ISLANDS REGION (212)

CBI	2.19	136	iPd	22	11.60	-2.1
			iS	23	38.70	
MAT	8.05	347	eP	23	37.00	6.7
	1.0s	17.00nm				4.9mb X
			eS	25	10.00	
GUMO	15.58	164	eP	25	18.30	1.1
PJG	15.58	164	eP	25	18.40	1.2
GUA	15.63	164	eP	25	19.10	1.2
	0.9s	295.80nm				5.5mb X
SSE	16.90	283	P	25	35.00	1.1
DL2	18.65	308	eP	25	55.00	-0.4
			eS	29	22.00	
NJ2	18.95	286	eP	25	59.00	-0.2
SNY	18.99	318	eP	25	59.50	0.0
CN2	19.30	325	eP	26	05.40	2.4
TIA	21.05	297	eP	26	20.80	-0.7
			eS	30	16.50	
BAG	22.03	241	eP	26	30.60	-1.0
WHN	22.78	281	eP	26	39.00	0.4
			pP	26	47.50	31kmX
			isP	26	51.00	
BJI	22.96	306	eP	26	40.00	-0.3
			eS	30	50.00	
GZH	25.01	263	eP	27	00.00	-0.3
TIY	25.06	298	Pd	27	02.50	1.8
DAV	25.69	216	eP	27	08.80	2.1
HHC	26.54	305	Pd	27	14.00	-0.5
XAN	27.40	289	Pc	27	21.00	-1.4
BTO	27.59	304	eP	27	23.50	-0.6
GYA	30.00	274	eP	27	45.00	-0.3
LZH	31.66	293	eP	28	05.00	4.5X
CD2	31.85	283	eP	28	01.40	-0.7
KVG	32.63	161	eP	28	06.00	-2.8
KMI	33.75	273	P	28	20.50	1.6
GTA	35.08	299	P	28	27.20	-2.9
CHG	39.10	265	eP	29	03.50	-0.4
CHTO	39.10	265	eP	29	03.80	-0.1
	1.0s	15.50nm				4.8mb
NST	39.36	260	eP	29	07.20	1.2
BDT	39.67	263	eP	29	08.50	-0.1
SHL	43.13	278	iP	29	36.80	-0.3
WMQ	44.42	305	Pc	29	48.60	1.3
WB2	48.71	188	eP	30	11.70	-9.4X
			i	30	20.50	
WRA	48.72	188	Pc	30	12.00	-9.1X
	0.5s	1.20nm				4.2mb
ISQ	49.13	181	iPc	30	24.30	0.0
	0.9s	32.00nm				5.4mb
ASPA	52.44	188	eP	30	48.00	-1.5

30d 13h

	0.8s	7.00nm		4.7mb	
TTA	52.84	31 eP	30 51.30	-0.8	
IMA	54.35	27 eP	31 03.00	-0.3	
BRW	54.42	21 eP	31 03.60	0.1	
NDI	54.87	2 6 eP	31 09.00	1.6	
PMR	55.91	33 P	31 14.00	-0.4	
	1.0s	9.00nm		4.8mb	
PME	55.96	33 eP	31 12.50	-2.3	
	1.0s	17.50nm		5.0mb	
WBN	56.13	195 eP	31 17.00	0.6	
NOU	56.56	151 iPd	31 16.50	-3.0	
COL	56.67	29 eP	31 20.00	0.2	
	1.0s	11.50nm		4.9mb	
FBA	56.67	29 eP	31 19.00	-0.8	
	1.0s	10.00nm		4.8mb	
INK	62.22	25 eP	31 57.00	-1.0	
MBC	64.74	15 eP	32 12.00	-2.5	
KEV	70.98	340 eP	32 53.00	-0.5	
YKA	71 45	28 eP	32 56.10	-0.3	
YKC	71.52	28 eP	32 56.00	-0.8	
	0.7s	12.00nm		5.0mb	
SOD	72.36	338 eP	33 02.00	0.2	
KJF	73.70	335 eP	33 09.00	-0.6	
DAG	74.00	3 5 iPc	33 06.30	-4.9X	
	0.9s	3.36nm		4.3mb	
		i	33 11.00		
SUF	75.10	334 iP	33 16.20	-1.5	
	0.6s	4.10nm		4.6mb	
NEW	76.74	42 iPc	33 28.00	0.6	
WDC	76.81	51 eP	33 28.60	0.8	
NUR	76.96	333 eP	33 23.00	-5.2X	
MSZ	77.19	160 P	33 30.00	0.4	
MIN	77.55	51 eP	33 32.30	0.2	
ORV	77.98	52 eP	33 34.70	0.4	
BRK	78.22	53 eP	33 36.40	0.8	
GCC	78.79	54 eP	33 40.10	1.3	
MHC	78.90	54 eP	33 40.20	0.6	
JAS1	79.49	53 eP	33 43.40	0.8	
PRS	79.56	54 eP	33 43.90	0.9	
LLA	79.73	54 e(P)	33 44.90	1.0	
PRI	80.15	54 eP	33 47.60	1.3	
FRI	80.43	53 eP	33 48.30	0.7	
BMN	80.46	49 iP	33 49.00	1.1	
	1.0s	3.00nm		4.2mb	
LRM	80.73	43 eP	33 49.50	0.2	
MNA	80.81	51 eP	33 50.90	1.1	
FFC	81.18	31 eP	33 51.00	-0.1	
	0.9s	16.00nm		5.0mb	
NB2	81.57	338 P	33 50.60	-2.6	
	1.0s	22.30nm		5.1mb	
EUR	81.77	49 iP	33 55.00	0.1	
ISA	81.94	54 eP	33 56.00	0.4	
CLC	82.49	53 eP	33 59.00	0.5	
SBB	82.89	54 eP	34 01.00	0.4	
MWC	82.95	55 eP	34 01.00	-0.1	
GSC	83.30	53 eP	34 03.00	0.3	
BDW	84.12	44 iP	34 07.10	0.2	
	1.0s	10.40nm		4.9mb	
TPC	84.45	54 eP	34 09.00	0.5	
BAR	84.73	56 eP	34 10.00	0.1	
FRB	85.06	13 ePc	34 11.00	0.2	
GLA	85.86	55 eP	34 16.00	0.4	
RSSD	86.61	41 eP	34 19.30	0.0	
	1.0s	9.50nm		5.0mb	
RSON	87.50	31 eP	34 22.30	-0.8	
	1.0s	9.00nm		5.0mb	
ALQ	90.60	49 eP	34 38.00	-0.3	
	1.1s	6.65nm		4.9mb	
EKA	90.70	340 P	34 44.00	5.8X	
	0.9s	3.80nm		4.8mb	
LTX	95.84	52 eP	35 03.20	0.8	
	1.0s	2.20nm		4.6mb	
LPB	151.06	71 PKP	41 31.00	7.2X	
	1.0s	54.00nm			
CNCB	151.29	72 PKP	41 32.00	7.7X	
TPZ	152 64	81 ePKP	41 32.00	6.1X	
	S.D. = 1.1	on 84 of	93 obs.		

MAY 30, 1985 13h 42m 44.41± 0.62s
6.649 S ± 3.4km 147.868 E ± 7.0km
DEPTH = 42.5 ± 9.3 km
4.2mb (2 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.86	270 eP	43 00.00	-0.2	
LMG	2.26	173 iPc	43 19.00	-1.3	
MDG	2.50	304 eP	43 24.00	0.5	
PMG	2.83	194 eP	43 30.00	1.7	
ALOA	4.39	146 eP	43 50.00	-0.4	
MOM	4.60	354 e(P)	43 53.00	-0.3	
KVG	4.99	36 eP	43 59.00	0.2	
WEW	5.23	306 eP	44 11.00	8.9X	
WB2	18.62	224 eP	47 00.20	-0.7	
WRA	18.63	224 Pd	47 00.70	-0.3	
	0.4s	2.40nm		3.7mb	
ASPA	21.60	217 eP	47 33.00	0.2	
	0.4s	14.00nm		4.7mb	
YOU	27.50	179 eP	48 29.70	0.8	
WBN	28.07	224 eP	48 34.00	-0.2	
CAN	28.55	178 eP	48 38.90	0.5	
MBL	30.72	239 iPd	48 57.50	-0.4	
KLB	37.51	225 eP	49 56.00	-0.1	
BUL	114.63	244 ePdiff	57 45.00	12.5X	
	S.D. = 0.8	on 15 of	17 obs.		

MAY 30, 1985 13h 48m 23.98± 0.24s
56.750 S ± 7.2km 25.518 W ± 6.6km
DEPTH = 33.0km (normal)
5.2mb (8 obs.) 5.4Msz (4 obs.)
SOUTH SANDWICH ISLANDS REGION (153)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 32C
Centroid Location:
Origin Time 13:48:28.8 0.4
Lat 56.66S 0.04 Lon 26.05W 0.09
Dep 10.0 FIX Half-duration 2.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 2.56 0.08 Mtt=-0.06 0.12
Mff=-2.49 0.13 Mrt= 0.45 0.29
Mrf= 3.66 0.32 Mtf= 1.41 0.09
Principal Axes:
T Val= 4.72 Plg=58 Azm=295
N -0.06 18 174
P -4.66 25 75
Best Double Couple:Mo=4.7*10**24
NP1:Strike=132 Dip=25 Slip= 45
NP2: 0 73 108

AAS	17.46	238 iP-	52 30.30	4.1X	
	1.5s	760.00nm		5.6mb X	
	Z 16s	13.00um			
		e(S)	55 42.00		
AIA	20.30	229 eP	53 01.50	2.3	
VBA	30.45	292 ePc	54 33.70	-1.8	
SPA	33.43	180 iPc	55 01.00	-0.5	
	1.0s	59.50nm		5.5mb	
	Z 20s	3.42um		5.1Msz	
		e	01 27.30		
		e	02 31.00		
		e	05 30.00		
TCA	37.07	297 ePd	55 30.90	-1.8	
VAO	37.18	326 eP	55 36.00	2.3X	
ITB1	38.27	315 P	55 43.30	0.6	
PCH	38.28	288 eP	55 41.00	-1.8	
FCH	38.39	288 eP	55 43.00	-1.0	
BACH	38.48	288 eP	55 43.10	-1.3	
TACH	38.48	287 eP	55 42.80	-1.6	
LNV	38.49	286 eP	55 42.50	-1.9	
PEL	38.74	288 iPc	55 45.10	-1.5	
MAW	39.03	143 eP	55 48.00	-0.6	
ROCH	39.04	288 eP	55 47.00	-2.4	
JACH	39.05	289 eP	55 40.00	-9.3X	
SLA	43.02	301 ePd	56 21.20	-0.9	
BAO	44.44	328 iPc	56 35.20	1.7	
		e	56 38.00		
		e	56 43.00		
		e	56 48.00		
		e	56 53.20		
YJA	45.22	303 ePc	56 40.40	0.3	
SBA	45.44	184 iPc	56 41.00	0.3	
	1.0s	32.00nm		5.2mb	
ANT	46.26	296 eP	56 46.50	-1.3	
SEK	46.75	76 e(P)	56 53.00	1.2	
BFS	47.44	74 eP	56 56.00	-1.3	
SOB1	48.92	340 eP	57 09.60	0.9	
	0.7s	24.90nm		5.4mb	
		e	57 12.60		
		e	57 15.60		
		e	57 28.70		
ITR	48.92	343 eP	57 08.60	-0.1	
	0.7s	10.70nm		5.0mb	
		e	57 29.20		
SLR	49.17	74 eP	57 09.50	-1.2	

	Z 20s	4.96um		5.5Msz	
CNCB	51.01	304 iP	57 26.70	1.4	
		S	04 43.00		
LPB	51.31	304 iPc	57 28.70	1.3	
	0.9s	823.53nm		6.7mb X	
		S	04 45.00		
		LR	13 00.00		
ARE	52.96	300 iP	57 39.50	-0.2	
DRV	56.43	173 eP	57 59.00	-5.0X	
KRI	57.20	69 eP	58 08.00	-2.2	
MTD	58.26	71 eP	58 16.00	-1.6	
TET	59.83	73 eP	58 29.00	0.6	
		e	59 24.00		
KIC	65.16	23 iP	59 04.20	0.4	
	0.7s	31.00nm		5.5mb	
AVY	65.21	87 eP	59 11.20	6.8X	
QUR	70.49	302 eP	59 38.80	1.1	
BNG	70.70	47 iPc	59 37.80	-0.6	
	0.7s	10.00nm		5.0mb	
CAR	75.22	318 eP	00 05.00	0.0	
TOV	75.65	315 eP	00 08.30	0.9	
MDN	77.78	325 eP	00 20.00	0.9	
MGG	78.32	325 eP	00 24.00	1.9	
MSZ	78.32	190 P	00 21.10	-0.7	
PAG	78.54	325 eP	00 26.00	2.6	
SEG	78.84	325 eP	00 26.00	1.1	
UPA	79.03	305 eP	00 26.00	-0.1	
	0.8s	88.06nm		5.8mb	
BPA	79.55	325 eP	00 29.00	0.2	
TAU	80.53	175 eP	00 29.00	-4.8X	
WEL	80.84	195 eP	00 36.00	0.5	
TCW	80.98	195 P	00 36.70	0.5	
MNG	81.39	196 P	00 38.00	-0.4	
SJG	81.97	321 e(P)	00 35.00	-6.6X	
GNZ	82.90	198 e(P)	00 47.50	1.3	
STH	85.97	312 eP	01 05.42	3.6X	
BBJ	86.43	312 eP	01 06.02	1.9	
KLB	86.66	149 eP	01 05.00	-0.2	
WAM	87.30	175 eP	01 08.50	0.3	
ADE	87.67	167 eP	01 10.30	0.2	
CAN	88.17	176 eP	01 12.70	0.2	
MRWA	88.38	147 eP	01 13.00	-0.5	
YOU	89.18	175 eP	01 17.70	0.3	
WBN	94.12	155 eP	01 40.00	-0.3	
WRA	101.75	161 Pdiffd	02 14.60	-0.1	
	0.6s	1.70nm		4.8mb	
WB2	101.75	161 ePdiff	02 14.00	-0.7	
CLO	109.23	34 iPKPc	07 11.50	20.3X	
DOU	109.36	20 ePKP	06 48.40	-2.8	
ALQ	113.86	297 PKP	07 00.00	-0.6	
	1.5s	10.14nm			
RMU	117.78	296 ePKP	07 08.50	0.5	
RSSD	120.00	305 ePKP	07 13.00	1.0	
	1.0s	6.00nm			
NB2	120.94	20 PKP	07 13.60	0.6	
	0.7s	2.80nm			
RSON	121.05	317 ePKP	07 11.30	-2.2	
	1.0s	4.00nm			
BDW	121.51	301 ePKP	07 14.00	-1.0	
	1.1s	4.24nm			
EUR	122.13	294 iPKP	07 18.00	1.7	
	0.2s	3.35nm			
FRI	122.16	289 e(PKP)	07 17.70	1.7	
JAS1	123.23	290 ePKPd	07 19.30	1.2	
NUR	123.41	27 ePKP	07 20.00	2.3	
	Z 18s	0.70um		5.4Msz	
		LR	03 00.00		
MHC	123.43	288 ePKP	07 20.20	1.5	
BMN	123.48	294 ePKP	07 20.20	1.5	
	1.0s	4.75nm			
PKI	123.98	91 ePKP	07 19.80	-0.5	
	0.8s	8.00nm			
KKN	124.08	90 ePKP	07 20.60	0.2	
	0.8s	13.00nm			
BRK	124.15	288 e(PKP)	07 21.20	1.3	
FRB	124.64	338 ePKP	07 20.00	0.0	
ORV	125.01	290 e(PKP)	07 24.60	3.1X	
LRM	125.17	301 ePKP	07 22.50	0.5	
MIN	125.65	291 e(PKP)	07 24.10	1.1	
SUF	125.68	26 iPKP	07 29.20	7.1X	
	0.6s	1.90nm			
WDC	126.30	290 ePKP	07 24.30	0.3	
FFC	127.23	315 ePKP	07 26.00	0.7	
	0.9s	12.00nm			
KJF	127.31	26 ePKP	07 25.00	-0.2	
	0.8s	22.00nm			
		i	07 32.90		

NEW	129.14	301	PKP	07 30.20	1.0
	1.0s	7.50nm			
SOD	129.70	23	iPKP	07 29.10	-0.5
DAG	133.32	2	iPKPc	07 36.30	0.0
	0.6s	5.33nm			
YKC	137.26	317	ePKP	07 33.00	-11.1X
	1.1s	37.00nm			
YKA	137.31	317	ePKP	07 34.40	-9.8X
ALE	140.29	353	ePKP	07 42.00	-7.2X
	0.7s	6.00nm			
MBC	145.00	335	ePKP	07 57.00	-0.5
	0.6s	49.00nm			
SSE	145.48	124	ePKP	07 59.80	0.2
	1.5s	75.00nm			
PNL	146.33	303	ePKP	08 01.80	1.6
INK	146.92	320	ePKP	08 00.00	-0.8
	0.6s	60.00nm			
BJI	150.07	107	ePKP	08 08.00	1.4
PME	151.46	304	ePKP	08 14.10	6.1X
	1.0s	20.00nm			
PMR	151.50	303	PKP	08 07.00	-1.1
	1.0s	48.00nm			
COL	151.68	311	ePKP	08 06.00	-2.3
	0.8s	39.18nm			
	Z 20s	0.71um		5.5Msz	
		e	08 14.00		
		i	08 25.00		
FBA	151.68	311	ePKP	08 06.30	-2.0
	1.0s	50.00nm			
KDC	151.90	295	ePKP	08 15.30	6.5X
TTA	154.93	305	ePKP	08 22.50	9.6X
BRW	155.11	325	ePKP	08 10.50	-2.3
MAT	157.02	145	(PKP)	08 28.00	11.5X
ADK	162.56	266	PKP	08 43.00	21.1X
	S.D. = 1.3	on 89 of 108 obs.			

* MAY 30, 1985 14h 41m 41.85± 0.86s
11.580 S ± 8.6km 118.016 E ±14.2km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
SOUTH OF SUMBAWA ISLAND (291)

MKS	6.48	13	ePd	43 16.60	-0.9
TRT	6.56	306	ePc	43 19.00	0.5
			eS	44 02.40	
MBL	9.68	170	eP	44 00.00	-2.0
	0.3s	19.00nm		5.8mb X	
			eS	45 39.00	
NAU	11.16	192	eP	44 21.00	-1.3
	0.3s	13.00nm		5.6mb X	
			eS	46 15.60	
WBN	16.58	152	eP	45 33.00	-0.6
			eS	48 26.00	
MRWA	17.65	186	eP	45 47.00	0.1
			iS	48 49.00	
WRA	17.76	120	P	46 05.00	16.6X
	0.4s	0.50nm			
WB2	17.77	120	eP	45 49.70	1.2
			eS	48 56.20	
BAL	18.97	183	eP	46 05.00	1.8
			eS	49 21.00	
KLG	19.37	171	eP	46 09.00	1.1
			eS	49 30.00	
KLB	19.92	181	eP	46 17.00	3.3X
			eS	49 40.00	
MUN	20 37	184	eP	46 23.00	4.5X
			eS	49 47.00	
NWAO	21.26	182	eP	46 34.00	6.4X
	0.5s	11.00nm		4.5mb	
			eS	50 11.00	
	S.D. = 1.5	on 9 of 13 obs.			

MAY 30, 1985 15h 13m 16.61± 1.06s
36.259 N ±11.0km 22.166 E ± 6.5km
DEPTH = 33.0km (normal)
4.2mb (4 obs.)
SOUTHERN GREECE (368)
ML 3.7 (ATH).

ATH	2.11	35	iPnc	13 52.00	1.7
			eSn	14 19.50	
			eSb	14 21.60	
VLS	2.29	327	ePn	13 54.20	1.3
			eSg	14 29.00	
NPS	2.97	109	ePg	14 10.50	7.9X
LIT	3.84	4	ePgc	14 18.40	3.5X
PAIG	3.85	18	ePg	14 15.70	0.7
KZN	4.05	356	ePn	14 23.00	5.1X
SOH	4.65	11	ePb	14 28.00	1.6
GRG	4.69	2	ePb	14 30.60	3.6X
KNT	4.93	6	ePb	14 33.20	2.9X
OHR	4.96	348	ePn	14 36.00	5.2X
SRS	4.98	13	ePb	14 32.20	1.2
YER	4.99	78	eP	14 34.20	2.9X
LCI	5.25	322	ePn	14 33.50	-1.2
			eSn	15 29.00	
MMB	5.46	12	eP	14 38.00	0.2
SKO	5.73	355	ePn	14 48.00	6.4X
ORI	5.88	312	ePn	14 44.00	0.3
			eSn	15 51.50	
KDZ	5.92	24	iPd	14 43.00	-1.3
BRT	6.03	321	iPnc	14 44.90	-0.9
			iSn	15 47.90	
EDC	6.06	46	eP	14 45.80	-0.5
ULC	6.13	339	ePn	14 45.50	-1.8
			eSn	15 47.50	
ELL	6.26	83	eP	14 47.60	-1.6
VTS	6.38	7	eP	14 52.00	1.3
TTG	6.56	341	ePn	14 53.00	-0.2
			eSn	16 01.20	
GIB	6.73	287	ePn	14 58.00	2.2
			eSn	16 08.00	
HCY	6.80	336	ePn	14 54.00	-2.6
			eSn	16 03.00	
DMK	7.05	36	eP	14 56.80	-3.4X
PVL	7.26	18	e(P)	15 03.00	0.0
DUI	8.07	314	ePn	15 14.50	0.1
			eSn	16 40.00	
MLR	9.66	16	eP	15 50.00	13.6X
CEY	11.12	331	eP	16 04.20	7.8X
			eS	17 52.10	
VOY	11.58	330	eP	15 58.50	-4.1X
			eS	18 01.60	
EKA	25.75	326	Pc	18 46.00	0.4
	0.6s	1.70nm		3.8mb	
NB2	25.76	348	P	18 44.20	-1.6
	0.6s	1.10nm		3.6mb	
DMN	53.29	80	eP	22 35.40	0.5
	0.5s	7.00nm		4.9mb	
KKN	53.35	80	eP	22 35.40	0.1
	0.5s	3.00nm		4.5mb	
PKI	53.55	80	eP	22 37.00	0.1
	S.D. = 1.3	on 24 of 36 obs.			

MAY 30, 1985 16h 54m 58.77± 0.23s
62.036 N ± 3.2km 150.733 W ± 2.8km
DEPTH = 89.1 ± 3.8 km
4.4mb (8 obs.)
CENTRAL ALASKA (1)
Felt (IV) at Skwentna and
Willow Felt (II) at Anchorage.

SKT	0.38	262	iP	55 12 39	-0.4
			iS	55 22.59	
PWA	0.56	133	iP	55 14.34	0.2
SUA	0.57	181	iP	55 14.71	0.3
MSE	0.86	103	iP	55 17.64	0.4
PLRM	0.88	120	iP	55 17.10	-0.2
			iS	55 31.37	
PMR	0.88	120	iP	55 17.11	-0.2
GHO	0.90	106	iP	55 17.89	0.3
PME	0.91	116	eP	55 17.00	-0.6
CGLM	0.95	220	iP	55 18.37	0.1
PMS	0.97	144	iP	55 18.41	0.0
CRP	1.03	222	iP	55 19.57	0.4
SPU	1.06	217	iP	55 19.79	0.3
SML	1.16	100	iP	55 20.97	0.3
KNK	1.25	119	iP	55 21.97	0.2
NKA	1.32	191	iP	55 24.59	2.0
PTE	1.43	144	iP	55 23.66	-0.3
			iS	55 42.38	
SLKM	1.55	171	iP	55 25.36	-0.2
SCM	1.62	96	iP	55 26.96	0.4
CFI	1.66	120	iP	55 26.67	-0.2
RDT	1.67	210	iP	55 27.58	0.4
MPA	1.69	156	iP	55 27.18	-0.1
TTV	1.99	118	iP	55 31.40	0.0
SEW	2.04	162	eP	55 31.30	-0.6
			eS	55 51.72	
GLI	2.10	122	iP	55 32.20	-0.6
ILM	2.12	209	iP	55 33.42	0.3
TOA	2.15	86	iP	55 34.72	1.2
VZW	2.23	114	iP	55 34.07	-0.5
BRLK	2.28	182	iP	55 35.01	-0.3
KLU	2.35	101	iP	55 36.24	-0.1
FID	2.42	120	iP	55 35.93	-1.2
SVW	2.52	250	iP	55 38.59	0.1
TTA	2.61	292	eP	55 38.60	-1.2
HIN	2.63	127	eP	55 38.88	-1.1
AUL	2.98	208	eP	55 45.68	0.9
AUH	2.99	208	eP	55 45.23	0.1
COL	3.16	23	iPd	55 48.20	0.9
			eS	56 22.00	
FBA	3.16	23	iP	55 48.10	0.8
MID	3.39	139	P	55 51.00	0.5
IMA	4.25	344	eP	56 03.10	0.6
KDC	4.39	192	eP	56 03.00	-1.3
PNL	6.03	108	eP	56 25.70	-1.4
SDN	8.41	221	eP	56 59.30	-0.4
INK	9.56	42	iPd	57 14.20	-1.1
	0.4s	13.00nm		5.2mb	
BRW	9.60	348	eP	57 15.10	-0.8
YKA	16.69	72	eP	58 48.50	0.5
YKC	16.75	72	eP	58 49.00	0.2
	0.7s	11.00nm		4.2mb	
MBC	17.71	24	eP	59 00.00	-0.4
	0.6s	28.00nm		4.7mb	
EDM	21.58	97	iP	59 43.50	1.3
BDW	30.90	109	P	01 10.00	1.2
	0.9s	1.28nm		3.7mb	
FRB	35.07	50	eP	01 45.00	0.6
DAG	38.22	16	iPc	02 10.70	0.0
	0.7s	16.44nm		5.1mb	
SCH	41.59	60	eP	02 39.00	0.3
NB2	56.48	10	P	04 30.50	-2.6
	0.6s	1.50nm		4.2mb	
EKA	60.24	21	Pc	04 59.30	0.1
	0.9s	2.60nm		4.3mb	
KBA	70.49	11	iPc	06 06.40	1.2
	0.7s	4.10nm		4.4mb	
	S.D. = 0.8	on 55 of 55 obs			

MAY 30, 1985 16h 5_m 19.66± 0.72s
19.221 S ± 6.4km 168.999 E ± 5.7km
DEPTH = 177.3 ± 6.5 km
4.9mb (12 obs.)
VANUATU ISLANDS (186)

PVC	1.61	336	iPc	56 52.00	-0.8
			iS	57 16.20	
NOU	3.89	217	iPd	57 18.50	-1.4
			iS	58 06.50	
KOU	4.64	252	iPd	57 30.20	0.7
			iS	58 26.10	
NDF	8.15	81	iP	58 16.40	0.5
HNR	13.09	317	P	59 28.00	7.8X
VSG	13.38	316	P	59 32.00	8.1X
RMQ	19.99	245	eP	00 42.00	1.6
GNZ	20.88	160	P	00 48.00	-1.1
CTA	21.44	264	iPc	00 55.60	0.9
	0.9s	12.60nm		4.4mb	
MNG	22.04	167	P	01 00.00	-0.5
TCW	22.38	170	P	01 03.50	-0.2
PMG	23.28	292	eP	01 12.00	0.6
YOU	23.68	227	eP	01 17.60	1.2
CAN	23.87	224	eP	01 19.00	0.8
CMS	24.18	235	eP	01 16.00	-5.1X
WAM	24.47	222	eP	01 24.70	0.9
MSZ	25.39	182	eP	01 34.00	1.9
STK	27.67	237	eP	01 53.00	0.0
WB2	32.62	263	eP	02 35.80	-0.9
			i	05 18.50	
WRA	32.63	263	Pc	02 34.30	-2.5
	0.7s	7.80nm		4.5mb	
ASPA	32.91	256	iPd	02 39.00	-0.3
	0.6s	79.00nm		5.6mb	
			eS	07 43.00	
MTN	36.89	274	iPc	03 13.40	0.5
KNA	38.47	269	iPd	03 26.50	0.3
WBN	39.61	252	eP	03 36.00	0.5
	0.6s	30.00nm		5.1mb	
MBL	46.04	259	iPd	04 28.20	0.7
NAU	49.88	256	eP	04 58.00	0.9
SBA	58.68	181	iPc	05 59.60	-0.6
	0.9s	32.77nm		5.2mb	
MAT	62.63	332	eP	06 27.00	-0.3
	1.0s	20.00nm		4.9mb	
SPA	70.90	180	iPc	07 17 90	-1.2
	0.9s	51.82nm		5.3mb	
BJI	76.78	321	eP	07 54 00	0.9
MAW	78.37	202	eP	08 02.00	0.6

30d 17h

CHG 78.44 295 iPc 08 04.00 1.3
0.8s 9.33nm 4.6mb
CHTO 78.44 295 iP 08 04.00 1.4
1.0s 10.50nm 4.5mb
PCC 85.66 48 eP 08 39.80 0.3
GCC 85.71 49 eP 08 40.20 0.4
PRS 85.84 49 e(P) 08 41.20 0.7
BRK 85.92 48 e(P) 08 40.90 0.1
MHC 86.11 43 eP 08 42.60 0.7
FHC 86.15 44 e(P) 08 42.90 1.0
PRI 86.26 50 eP 08 43.40 0.7
WDC 87.01 45 iPc 08 46.60 0.6
ORV 87.23 46 ePc 08 47.90 0.8
JAS1 87.24 48 ePc 08 47.40 0.2
FRI 87.33 49 eP 08 47.80 0.2
MIN 87.53 46 eP 08 48.50 -0.2
MNA 89.06 49 eP 08 56.30 0.2
GLA 89.31 55 iP 08 59.20 2.0
COL 90.13 17 eP 08 58.00 -2.2
0.9s 9.24nm 4.8mb
BMN 90.57 47 eP 09 03.10 0.1
1.1s 12.99nm 4.9mb
EUR 91.05 48 iP 09 05.50 0.2
0.9s 11.26nm 4.9mb
INK 96.60 18 eP 09 29.00 -0.8
YKA 100.76 27 ePdiff09 50.20 1.5
KEV 124 47 345 iPKP 14 57.20 -1.2
0.5s 9.80nm
BUL 124.89 227 iPKPd 15 00.40 -0.5
MTD 124.93 232 ePKP 15 02.00 1.0
KRI 126.36 231 iPKPd 15 03.00 -0.8
KJF 128.09 346 iPKP 15 05.10 -0.4
0.7s 13.30nm
SUF 129.60 339 iPKP 15 07.50 -0.9
0.6s 5.40nm
NUR 131.63 337 iPKP 15 11.80 -0.5
0.9s 10.10nm
NB2 135.37 345 PKP 15 18.20 -1.3
0.6s 2.10nm
SOB1 139.18 131 ePKP 15 17.40 -10.6X
0.6s 3.00nm
e 15 26.40
e 15 28.60
ITR 141.22 133 ePKP 15 22.40 -9.3X
e 15 26.90
e 15 32.10
BRG 142.75 334 iPKP 15 30.00 -3.2X
1.0s 18.00nm
CLL 142.80 335 iPKPd 15 29.30 -4.0X
0.6s 9.00nm
PRU 143.16 332 ePKP 15 30.50 -3.4X
ZST 143.22 328 ePKP 15 32.90 -1.2
EKA 143.46 352 PKP 15 31.00 -3.3X
0.8s 4.20nm
MOX 143.87 335 iPKPc 15 33.00 -2.1X
1.2s 46.00nm
HOF 144.03 335 iPKPc 15 33.60 -1.8
1.0s 54.00nm
KHC 144.21 332 iPKPc 15 34.50 -1.3
0.9s 40.00nm
e 16 17.90
SKO 144.36 317 iPKPc 15 35.80 -0.4
1.1s 80.00nm
WTS 144.43 341 ePKP 15 34.50 -1.5
0.8s 21.00nm
WET 144.51 333 iPKPc 15 35.50 -0.8
0.6s 20.00nm
GRF 144.78 335 iPKPc 15 36.60 -0.1
OHR 145.20 316 ePKP 15 37.20 -0.6
TNS 145.40 338 ePKP 15 38.20 0.4
BHG 145.57 331 iPKPc 15 34.50 -3.6X
0.7s 47.00nm
ENN 145.78 341 ePKP 15 39.00 0.7
0.6s 17.00nm
DCN 145.82 356 ePKP 15 38.40 0.1
0.7s 50.00nm
KBA 145.82 330 iPKPc 15 38.80 0.0
0.6s 18.10nm
i 15 41.20
i 15 43.00
i 16 19.70
DLE 145.82 355 ePKP 15 38.10 -0.2
0.7s 25.00nm
MEM 145.89 341 PKP 15 39.30 0.8
FUR 145.94 333 iPKPc 15 40.10 1.4
0.8s 97.00nm
LJU 145.96 328 ePKP 15 38.20 -0.6

i 15 40.10
e 16 20.70
VOY 146.29 328 ePKP 15 38.30 -1.2
i 15 40.40
STU 146.31 336 ePKPc 15 41.50 2.2X
1.0s 34.00nm
GAP 146.56 332 ePKP 15 41.60 1.8
WLF 146.66 340 iPKPc 15 42.50 2.8X
GWF 146.74 337 iPKPc 16 02.00 22.0X
BUH 146.76 337 ePKPc 15 42.30 2.2X
DOU 146.77 342 iPKPc 15 42.10 2.1X
OGA 147.04 332 iPKPc 15 42.30 1.5
0.6s 42.00nm
CDF 147.34 337 ePKP 15 43.40 2.3X
CTI 147.37 330 ePKP 15 44.30 3.1X
SLE 147.40 335 ePKP 15 43.50 2.4X
SAX 147.47 334 ePKP 15 44.30 2.7X
OSS 147.57 332 ePKP 15 44.90 3.3X
BNG 147.65 247 ePKPc 15 38.00 -4.5
0.8s 61.00nm
ic 15 45.40
id 16 26.90
ZUL 147.68 335 ePKP 15 44.10 2.5X
LLS 147.92 334 ePKP 15 45.30 3.1X
BSF 148.00 337 ePKP 15 45.20 3.0X
HAU 148.01 338 ePKP 15 45.20 3.1X
VDL 148.02 333 ePKP 15 46.00 3.6X
SAL 148.22 331 ePKP 15 46.00 3.6X
DUI 148.87 321 e(PKP)15 48.50 5.0X
MMK 149.00 334 ePKP 15 48.50 4.5X
DIX 149.21 335 ePKP 15 49.20 4.9X
FLN 149.33 346 ePKP 15 48.20 4.2X
ORO 149.34 333 ePKP 15 48.00 3.7X
LDF 149.40 346 ePKP 15 48.50 4.3X
EMS 149.41 335 ePKP 15 49.20 4.7X
LOR 149.50 340 ePKP 15 48.90 4.5X
LBF 149.71 339 ePKP 15 49.30 4.5X
GRC 149.73 341 iPKPc 15 49.90 5.2X
GRR 149.76 347 ePKP 15 49.60 4.9X
SSF 149.80 340 ePKP 15 49.70 4.9X
SMF 150.05 339 ePKP 15 50.10 4.9X
AVF 150.09 340 ePKP 15 50.00 4.8X
LPF 150.14 347 ePKP 15 50.50 5.2X
BGF 150.45 340 ePKP 15 51.00 5.2X
MZF 150.84 340 ePKP 15 51.90 5.5X
TCF 150.89 341 ePKP 15 52.00 5.5X
LSF 151.13 342 ePKP 15 52.30 5.4X
MFF 151.27 344 ePKP 15 53.10 6.1X
FRF 151.56 332 ePKP 15 53.70 6.1X
LRG 151.77 333 ePKP 15 54.40 6.5X
LMR 151.80 332 ePKP 15 54.10 6.2X
RJF 151.99 341 ePKP 15 54.90 6.7X
CAF 152.15 340 ePKP 15 55.30 6.8X
LFF 152.56 342 ePKP 15 56.20 7.3X
LPO 152.65 341 ePKP 15 56.50 7.4X
S.D. = 1.1 on 77 of 131 obs.

* MAY 30, 1985 17h 11m 33.32± 1.18s
45.853 N ± 9.1km 14.423 E ± 9.7km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.4 (KBA).

CEY 0.11 179 ePn 11 36.20 -0.1
iSg 11 58.00
LJU 0.21 22 ePn 11 37.60 -0.2
eSn 12 00.70
VOY 0.41 296 ePn 11 41.20 -0.5
iSg 12 09.60
TRI 0.48 253 e(Pn) 11 42.30 -0.8
e(Sn) 12 07.30
i(Sg) 12 12.70
KBA 1.43 329 ePg 12 02.00 2.5X
i(Sn) 12 29.30
iSg 12 42.50
CTI 1.94 277 e(Pn) 12 08.50 1.7
S.D. = 1.4 on 5 of 6 obs.

MAY 30, 1985 18h 47m 23 67± 0.78s
28.798 N ± 3.5km 140 344 E ± 4.2km
DEPTH = 39 6 ± 6 7 km
5.3mb (44 obs) 5.2Msz (8 obs.)
BONIN ISLANDS REGION (212)
Ms 5.2 (BRK)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 27C

Centroid Location:
Origin Time 18:47:24.6 0.5
Lat 28.68N 0.07 Lon 140.39E 0.08
Dep 10.0 FIX Half-duration 1.9
Moment Tensor; Scale 10**24 D-CM
Mrr=-1.74 0.09 Mtt= 0.04 0.09
Mff= 1.70 0.14 Mrt=-0.33 0.33
Mrf=-0.93 0.31 Mtf= 0.44 0.09
Principal Axes:
T Val= 2.06 Plg=14 Azm=104
N -0.06 3 195
P -2.00 75 295
Best Double Couple:Mo=2.0*10**24
NP1:Strike=191 Dip=31 Slip= -95
NP2: 17 59 -87

CBI 2.35 136 eP 47 58.00 -2.7
eS 48 23.00
KYS 6.38 359 eP 48 58.30 0.6
OYM 6.67 352 eP 49 01.80 0.1
SRY 6.85 353 eP 49 02.80 -1.4
DDR 7.24 353 eP 49 10.70 0.9
TSK 7.39 359 eP 49 11.30 -0.6
MAT 7.93 347 eP 49 22.00 2.7
1.0s 70.00nm 5.6mb X
eS 50 54.00
MVI 8.62 252 eP 49 38.00 9.1X
SHK 8.68 313 eP 49 28.30 -1.4
PJG 15.71 164 e(P) 51 07.60 3.8X
GUA 15.77 163 e(P) 51 06.50 1.9
SSE 16.76 283 iP+ 51 20.00 2.9X
Z 10s 5.90um
E 12s 5.50um
pP 51 32.00
sP 51 37.00
sS 54 40.00
ANP 17.16 262 iP+ 51 28.00 5.8X
iS 55 04.00
BAG 21.98 240 eP 52 16.00 -0.2
eS 56 22.00
OCP 22.73 236 eP 52 34.00 10.6X
BJI 22.80 306 eP 52 26.00 2.1
Z 18s 10.10um 5.3Msz
E 19s 10.50um
esP 52 36.00
eS 56 34.00
esS 56 50.00
eSS 57 18.00
HKC 24.45 261 eP 52 43.00 2.9X
eS 57 12.00
DAV 25.71 216 eP 52 52.00 0.0
eS 57 34.00
LZH 31.51 293 eP 53 44.50 0.1
3.5s 312.00nm 5.5mb X
N 14s 3.90um
E 11s 2.00um
eS 58 53.00
KKM 32.14 230 ePd 53 52.50 2.6
KVG 32.76 160 eP 53 53.50 -1.7
KMI 33.63 273 eP 54 04.00 1.0
E 16s 5.00um
S 59 06.00
sS 59 28.00
LOE 37.13 261 eP 54 31.50 -1.0
PMG 38.55 169 e(P) 54 38.00 -6.4X
CHG 38.99 265 iPd 54 48.20 0.0
0.8s 13.43nm 4.8mb
eS 00 56.00
CHTO 38.99 265 iP 54 48.80 0.6
1.5s 67.57nm 5.2mb
Z 20s 1.17um 4.7Msz
NST 39.26 259 eP 54 51.60 1.3
BDT 39.56 262 eP 54 53.50 0.6
1.0s 36.60nm 5.1mb
ALOA 40.06 165 e(P) 54 56.00 -0.9
KHT 40.98 259 eP 55 06.00 1.4
NNT 41.04 255 eP 55 06.20 1.2
MTN 42.35 193 iPd 55 15.40 -0.3
0.6s 43.00nm 5.4mb
SHL 43.00 278 iP 55 21.00 -0.3
iS 01 50.40
KGM 44.19 240 eP 55 29.00 -1.8
IPM 44.37 245 ePd 55 32.40 0.2
PSI 47.17 244 eP 55 55.00 0.6
0.9s 44.30nm 5.4mb
PPI 48.01 240 eP 56 02.50 1.5
PKI 48.07 282 eP 56 02.00 0.2

1.0s 54.00nm 5.5mb
KKN 48.12 283 eP 56 02.40 0.3
DMN 48.32 283 eP 56 04.00 0.4
0.8s 33.00nm 5.4mb
WB2 48.80 187 IPc 56 06.20 -0.8
CTA 48.93 173 IPc 56 07.00 -1.0
0.6s 10.00nm 5.0mb
iS 03 10.00
ASPA 52.53 187 eP 56 34.00 -1.3
TTA 52.81 31 eP 56 39.00 1.9
MBL 53.47 204 IPd 56 42.20 0.0
IMA 54.32 27 eP 56 48.50 0.3
BRW 54.37 21 eP 56 48.50 0.2
NDI 54.73 286 eP 56 57.00 5.4X
eS 04 36.00
PMR 55.89 33 P 57 00.00 0.5
PME 55.94 33 eP 57 01.60 1.8
1.0s 20.00nm 5.1mb
WBN 56.20 195 eP 57 02.40 0.3
NAU 56.38 208 eP 57 04.00 0.6
COL 56.63 29 eP 57 06.00 1.2
FBA 56.63 29 eP 57 05.60 0.8
1.0s 25.00nm 5.2mb
NOU 56.70 151 IPd 57 05.20 -0.5
HYB 57.41 273 eP 57 10.50 -0.5
GBA 59.96 270 Pc 57 28.40 -0.3
0.8s 16.10nm 5.2mb
POO 61.08 276 iPc 57 37.00 0.6
KOD 61.42 266 eP 57 39.20 0.2
eS 06 07.00
INK 62.18 25 eP 57 42.00 -1.0
0.9s 40.00nm 5.5mb
YOU 63.19 173 eP 57 55.50 5.5X
BAL 63.23 203 eP 57 50.50 0.2
KLB 63.79 201 eP 57 55.00 1.0
CAN 64.30 172 eP 57 58.60 1.3
i 58 08.40
MBC 64.67 15 eP 57 59.00 -0.3
0.9s 60.00nm 5.7mb
WAM 65.14 172 eP 58 02.30 -0.4
NWAO 65.19 201 eP 58 03.00 0.0
Z 20s 0.50um 4.7Msz
N 20s 0.50um
E 20s 0.20um
MHI 66.72 300 eP 58 13.00 -0.1
e 00 44.00
eS 07 07.00
ALE 68.38 3 eP 58 21.50 -1.2
1.0s 22.00nm 5.2mb
PHC 69.62 43 eP 58 32.00 1.2
KEV 70.84 340 eP 58 37.00 -0.9
0.9s 23.70nm 5.2mb
Z 16s 2.30um 5.5MszX
i 58 46.00
eS 07 52.00
eSS 12 44.00
eSSS 15 40.00
LR 33 42.00
YKA 71.42 28 eP 58 41.10 -0.4
RSNT 71.43 28 P 58 40.80 -0.7
YKC 71.48 28 eP 58 41.00 -0.9
0.9s 38.00nm 5.4mb
SOD 72.22 338 IP 58 45.20 -1.0
i 58 54.20
IR2 73.44 302 (P) 58 53.00 -1.1
KJF 73.55 335 eP 58 53.00 -1.0
0.8s 16.10nm 5.0mb
i 59 02.00
eS 08 24.00
e 11 04.00
eSS 13 06.00
DAG 73.89 355 IPd 58 55.00 -0.8
0.6s 4.30nm 4.6mb
i 59 04.00
SHI 74.64 296 eP 59 00.00 -1.2
PNT 74.80 42 eP 59 02.00 0.4
1.1s 47.00nm 5.4mb
SUF 74.95 334 IP 59 00.80 -1.4
0.5s 5.50nm 4.8mb
EDM 76.42 36 iP 59 10.50 -0.2
1.0s 84.00nm 5.7mb
NEW 76.75 42 eP 59 13.00 0.4
NUR 76.81 333 iP 59 11.20 -1.4
0.7s 16.00nm 5.1mb
Z 18s 1.10um 5.2Msz
i 59 17.90
eS 09 06.00

eSS 14 00.00
eSSS 17 42.00
LR 35 30.00
WDC 76.84 51 e(P) 59 13.60 0.4
GAS 77.13 52 P 59 16.00 1 0
YKM 77.28 41 IPc 59 16.50 0.8
MSZ 77.33 160 eP 59 15.30 -0 3
RXF 77.62 41 eP 59 18.30 0.8
LHD 77.66 42 eP 59 20.70 2.9X
LDM 77.71 41 eP 59 24.10 6.2X
CLX 77.94 41 eP 59 20.00 0.6
ORV 78.01 51 eP 59 19.90 0.2
BRK 78.25 53 e(P) 59 22.20 1.1
BKS 78.27 53 eP 59 22.50 1.3
0.8s 28.00nm 5.3mb
Z 20s 1.30um 5.3Msz
N 20s 0.70um
E 20s 1.10um
eS 09 22.80
eSS 14 28.00
eLR 22 05.00
e 23 00.00
SES 79.11 38 eP 59 45.50 19.9X
JAS1 79.52 53 e(P) 59 28.00 0.0
e 59 36.20
UPP 79.96 334 iP 59 29.70 -0 1
i 59 37.50
FRI 80.46 53 e(P) 59 33.40 0.4
BMN 80.48 49 eP 59 34.00 0.7
1.0s 14.50nm 4.9mb
LRM 80.73 43 eP 59 35.40 0.8
MNA 80.84 51 e(P) 59 35.30 0.1
FFC 81.15 31 iPc 59 36.10 -0.2
0.9s 28.00nm 5.2mb
HFS 81.22 336 iP 59 35.20 -1.3
0.8s 15.80nm 5.0mb
Z 17s 1.89um 5.5MszX
LR 31 43.00
NB2 81.43 338 P 59 35.20 -2.5
1.1s 49.20nm 5.4mb
HPI 81.45 45 P 59 39.00 0.5
GDH 81.71 5 eP+ 59 47.00 8.1X
eS 10 02.00
EUR 81.79 49 iP 59 41.00 0.7
0.2s 8.37nm 5.4mb
PMO 81.83 112 eP 59 46.00 5.7X
1.1s 65.00nm 5.6mb
TPT 82.04 112 eP 59 48.00 6.5X
1.1s 40.00nm 5.4mb
VPEM 82.30 53 P 59 43.00 0.1
RUV 82.34 112 eP 59 49.00 6 0X
1.1s 40.00nm 5.4mb
BDW 84.13 44 eP 59 53.00 0.8
1.0s 34.00nm 5.4mb
AKU 84.36 351 eP 59 51.70 -0.9
1.1s 40.51nm 5.5mb
VRI 84.42 320 eP 59 54.00 0.7
COP 84.86 333 eP 00 05.00 9 8X
iS 10 24.00
FRB 84.98 12 ePc 59 55.60 -0 1
MLR 85.09 320 eP 00 00.00 3.2X
BUC 85.65 319 eP 00 00.00 0.6
SPC 85.82 325 eP 00 03.60 3.1X
GLA 85.90 54 iP 00 02.00 1 0
RMU 86.40 49 eP 00 01.00 -2.6
RSSD 86.61 41 eP 00 03.30 -1.2
1.1s 23.84nm 5.3mb
KSP 86.62 328 eP 00 03.00 -1.1
ic 00 12.10
e 07 10.00
RSON 87.47 31 eP 00 08.40 0.2
1.0s 10.00nm 5.0mb
BRG 87.66 329 eP 00 10.00 0.9
1.2s 11.00nm 5.0mb
e 00 17.00
e 00 35.00
e 10 48.00
CLL 87.77 330 eP 00 10.00 0.4
e 00 17.00
e(S) 10 51.00
PRU 88.02 328 eP 00 13.00 2.1
Z 16s 2.20um 5.7MszX
N 17s 1.80um
E 16s 1 70um
e 00 18.00
eS 10 56.00
ZST 88.04 326 eP 00 13.00 2 0

GOL 88.49 45 e(P) 00 17.00 3.3X
1.0s 8.00nm 5.0mb
Z 20s 0.70um 5.1Msz
MOX 88.86 330 eP 00 23 00 8 1X
Z 16s 2.10um 5.7MszX
N 16s 1.70um
E 16s 1.50um
eS 11 00.00
eSS 17 00.00
eLO 24 00.00
KHC 89.07 328 Pc 00 16.50 0.5
Z 16s 1.40um 5.5MszX
N 16s 0.90um
E 16s 0.90um
e 00 36.00
e 01 18.80
EDU 89.48 341 ePc 00 16 90 -0 9
VAY 89.59 318 eP 00 08.50 -10.0X
GRF 89.73 330 e(P) 00 20 30 1 2
e 00 28 20
SKO 89.83 319 eP 00 07 00 -12 7X
Z 20s 1.90um 5.5Msz
N 16s 1.18um
E 18s 1.74um
ESY 89.90 340 eP 00 19.40 -0.4
EAU 90.21 341 ePc 00 20.50 -0.7
EKA 90.56 340 P 00 22.00 -0.8
0.9s 5.70nm 4.9mb
ALQ 90.62 49 eP 00 23.80 0.1
1.0s 14.50nm 5.3mb
Z 22s 1.85um 5.5Msz
KBA 90.64 327 i(P) 00 25.60 2.1
VOY 91.12 326 eP 00 27.00 1.4
LHC 91.23 31 eP 00 26.00 0.0
TRI 91.41 326 eP 00 30.00 3.2X
e 04 11.00
e 12 20.00
e 17 48.00
e 23 56.00
WLF 91.91 332 P 00 31.60 2.6X
CTI 92.19 327 e(P) 00 32.50 1.9
DOU 92.19 333 P 00 43.00 12.6X
Z 14s 0.12um 4.5MszX
PP 04 23.00
S 11 35.00
CDF 92.40 331 eP 00 30.30 -1.2
BSF 93.06 331 eP 00 33.00 -1 6
1.0s 8.80nm 5.1mb
HAU 93.11 331 eP 00 33.30 -1.4
LOR 94.73 332 eP 00 40.60 -1 6
1.3s 14.40nm 5.2mb
LBF 94.91 332 eP 00 41.40 -1 6
GRC 95.04 332 eP 00 43 20 -2 3
SSF 95.05 332 eP 00 42.40 -1 5
SMF 95.24 332 eP 00 43 20 -1 3
AVF 95.33 332 eP 00 43 60 -1 3
1 1s 18.80nm 5 5mb
GRR 95 67 335 eP 00 45.20 -1 2
BGF 95.72 332 eP 00 45.30 -1 4
LTX 95.87 52 P 00 48.30 0.5
LPF 96.03 335 eP 00 47.20 -0.9
MZF 96.10 332 eP 00 47.70 -0.8
1.5s 26.10nm 5.5mb
TCF 96.20 332 eP 00 47.80 -1.1
LSF 96.51 333 eP 00 49.00 -1.3
1.2s 12.10nm 5.3mb
SPA 118.64 180 e(PKP)06 07.00 -1.3
BOG 133.11 50 ePKP 06 44.00 6.1X
ARE 148.26 74 ePKP 07 08.00 3.4X
LPB 151.14 71 ePKP 07 12.00 2.8X
CNCB 151.37 72 PKP 07 11.20 1.5
ATB 151.95 28 e(PKP)07 11.50 1.5
ANT 152.00 87 ePKP 07 17.00 7.3X
TPZ 152.74 81 ePKP 07 19.00 7.7X
MDZ 154.64 107 ePKP 07 20.50 7 3X
YJA 155.78 80 ePKPc 07 17 00 1.4
BAO 164.81 32 e(PKP)07 26.00 1.0
S.D. = 1.1 on 142 of 174 obs

% MAY 30, 1985 18h 48m 12 44± 0.72s
40.738 N ± 5.9km 27 38° E ± 7 2km
DEPTH = 10.0km (geophysic st
TURKEY (366

MFT 0.09 303 iPg 48 15 30 0 2
KGT 0.29 192 iPg 48 19.60 ' '
EDC 0.54 137 iPg 48 22 80 -0 5

30d 18h

			iSg	48 31.80		
CTA	0.89	62	iPn	48 29.80	0.2	
DWR	1.12	15	iPn	48 33.30	-0.1	
EZN	1.22	22	iPn	48 34.20	-0.9	
S.D = 0.9 on 6 of 6 obs.						

MAY 30, 1985 18h 54m 30.43± 0.33s
28.832 N ± 8.1km 140.454 E ± 5.0km
DEPTH = 33.0km (normal)
4.9mb (11 obs.)
BONIN ISLANDS REGION (212)

CBI	2.31	138	eP	55 05.00	-1.9	
			eS	55 31.00		
MAT	7.92	347	eP	56 30.00	3.9X	
	1.0s		43.00nm		5.5mb X	
NJ2	18.90	285	Pc	58 52.20	1.5	
TIA	20.97	297	eP	59 13.00	-0.1	
BAG	22.08	240	eP	59 24.00	-0.5	
TIY	24.97	298	eP	59 52.30	-0.2	
HHC	26.45	305	P	00 05.80	-0.4	
BTO	27.50	303	eP	00 15.00	-0.8	
CD2	31.80	283	eP	00 53.00	-1.2	
WMQ	44.33	304	eP	02 41.40	2.2	
PKI	48.15	282	eP	03 09.20	-0.8	
	1.2s		27.00nm		5.2mb	
KKN	48.21	283	eP	03 10.70	0.5	
	1.0s		36.00nm		5.4mb	
DMN	48.40	283	eP	03 12.20	0.4	
WB2	48.85	188	eP	03 17.30	2.5	
TTA	52.74	31	P	03 43.00	-1.0	
IMA	54 24	27	eP	03 55.50	0.4	
BRW	54 31	21	eP	03 55.50	0.2	
NDI	54 82	286	eP	03 58.00	-1.7	
PME	55.86	33	eP	04 05.10	-1.6	
COL	56.56	29	eP	04 11.00	-0.8	
INK	62.11	25	eP	04 49.00	-1.0	
MBC	64.62	15	eP	05 06.00	-0.4	
KEV	70.84	340	eP	05 53.00	7.6X	
YKA	71.35	28	eP	05 49.00	0.4	
RSNT	71.36	28	P	05 47.80	-0.8	
YKC	71.41	28	eP	05 48.00	-0.9	
SOD	72.23	338	eP	05 51.00	-2.8X	
KJF	73.56	335	eP	06 02.00	0.4	
DAG	73.87	355	iPd	06 02.20	-1.0	
	0.8s		10.45nm		4.9mb	
PNT	74.71	42	eP	06 09.00	0.4	
SUF	74.97	334	iP	06 08.50	-1.3	
	0.5s		1.30nm		4.2mb	
FHC	75.66	51	e(P)	06 15.70	1.5	
EDM	76.34	36	eP	06 17.50	-0.3	
NEW	76.66	42	eP	06 20.00	0.3	
WDC	76.74	51	eP	06 20.60	0.4	
GAS	77.03	52	P	06 23.30	1.3	
MSZ	77.33	160	eP	06 35.00	11.9X	
ORV	77.92	52	iPc	06 27.00	0.3	
			e	06 33.70		
MHC	78.84	54	e(P)	06 32.50	0.5	
JAS1	79.42	53	e(P)	06 35.50	0.5	
PRS	79.50	54	e(P)	06 36.20	0.7	
LLA	79.67	54	e(P)	06 37.00	0.6	
FRI	80.36	53	eP	06 40.70	0.7	
BMN	80.39	49	eP	06 40.50	0.2	
	1.2s		8.06nm		4.6mb	
LRM	80.64	43	eP	06 42.20	0.5	
MNA	80.74	51	e(P)	06 43.00	0.8	
FFC	81.07	31	eP	06 43.00	-0.4	
	1.2s		23.00nm		5.1mb	
NB2	81.43	338	P	06 42.40	-2.9X	
	1.1s		13.80nm		4.9mb	
BDW	84.04	44	eP	06 59.50	0.2	
	1.0s		8.00nm		4.8mb	
MSU	84.72	49	P	07 04.00	1.2	
FRB	84.93	13	ePc	07 03.20	0.2	
RSSD	86.52	41	eP	07 12.30	0.6	
	1.2s		8.97nm		4.9mb	
RSON	87.39	31	eP	07 15.30	-0.1	
	1.0s		5.50nm		4.8mb	
CLL	87.79	300	eP	07 19.00	1.7	
ALQ	90.52	49	eP	07 30.00	-0.8	
	1.4s		11.63nm		5.0mb	
LHC	91.15	31	eP	07 33.50	0.3	
			pP	07 49.50	55kmX	
LTX	95.77	52	P	07 55.00	0.0	
ARE	148 16	74	ePKP	14 08.00	-4.1X	
LPB	151.03	71	ePKP	14 15.00	-1.6	
			LR	57 55.00		

CNCB	151.27	72	ePKP	14 16.00	-1.2	
			i	14 25.00		
TPZ	152.64	81	PKPd	14 24.40	5.6X	
S.D. = 1.0 on 54 of 61 obs.						

MAY 30, 1985 19h 50m 21.89± 2.76s
28.893 N ±13.0km 140.259 E ± 8.2km
DEPTH = 79.1 ± 22.5 km
4.5mb (9 obs.)
BONIN ISLANDS REGION (212)

MAT	7.82	348	(P)	52 15.00	-0.1	
	1.5s		55.56nm		5.0mb X	
SNY	18.71	318	eP	54 36.30	-0.3	
NJ2	18.71	285	eP	54 37.80	1.0	
TIA	20.79	296	eP	54 58.50	-0.1	
WHN	22.55	281	eP	55 17.50	1.4	
BJI	22.69	306	eP	55 16.50	-0.9	
TIY	24.79	298	Pc	55 38.20	0.3	
HHC	26.27	305	eP	55 51.50	-0.1	
BTO	27.32	303	eP	56 00.40	-0.8	
CD2	31.62	283	eP	56 39.20	-0.3	
CHG	38.93	264	eP	57 41.50	-0.3	
WMQ	44.15	304	P	58 25.00	0.6	
PKI	47.97	282	eP	58 55.50	0.4	
	1.0s		10.00nm		4.7mb	
KKN	48.03	283	eP	58 55.90	0.5	
	0.9s		13.00nm		4.8mb	
WB2	48.88	187	eP	59 00.20	-1.4	
INK	62.12	25	eP	00 35.00	-1.4	
DAG	73.79	355	iPd	01 48.10	-0.7	
	0.9s		6.72nm		4.6mb	
EDM	76.39	36	eP	02 04.00	-0.1	
NEW	76.73	42	eP	02 06.00	-0.1	
ORV	78.01	51	eP	02 12.70	-0.6	
SES	79.08	38	eP	02 19.00	0.0	
JAS1	79.52	53	eP	02 21.00	-0.6	
BMN	80.48	49	eP	02 28.10	1.3	
	1.0s		2.00nm		4.0mb	
LRM	80.72	43	eP	02 28.90	0.8	
FFC	81.11	31	eP	02 29.00	-0.6	
	1.1s		7.00nm		4.5mb	
NB2	81.31	338	P	02 28.20	-2.4	
	1.2s		7.70nm		4.5mb	
BDW	84.11	44	eP	02 46.10	0.5	
	1.0s		2.60nm		4.2mb	
FRB	84.91	12	eP	02 50.00	1.2	
GLA	85.91	54	eP	02 56.00	1.5	
RSSD	86.59	41	eP	02 59.40	1.5	
	1.0s		4.00nm		4.5mb	
RSON	87.43	31	eP	03 01.30	-0.2	
	1.0s		4.00nm		4.5mb	
LPB	151.18	71	PKP	10 10.00	7.6X	
CNCB	151.41	71	PKP	10 10.70	7.7X	
TPZ	152.80	81	(PKP)	10 14.00	9.4X	
S.D. = 1.0 on 31 of 34 obs.						

MAY 30, 1985 19h 58m 50.64± 0.30s
28.637 N ± 5.7km 140.259 E ± 4.5km
DEPTH = 33.0km (normal)
4.7mb (14 obs.)
BONIN ISLANDS REGION (212)

CBI	2.29	132	eP	59 26.00	-0.9	
			eS	00 52.00		
KYS	6.54	359	eP	00 27.00	0.0	
OYM	6.82	353	eP	00 26.80	-4.2X	
SRY	7.00	353	eP	00 32.30	-1.2	
DDR	7.39	353	eP	00 35.80	-3.3X	
TSK	7.55	359	eP	00 38.40	-2.8	
MAT	8.07	348	(P)	00 52.00	3.5X	
	1.0s		16.00nm		5.1mb X	
			eS	02 23.00		
SHK	8.74	314	eP	00 58.80	1.1	
GUMO	15.58	163	e(P)	02 46.20	16.8X	
GUA	15.63	163	e(P)	02 46.50	16.3X	
DL2	18.54	308	eP	03 10.00	3.6X	
			eS	06 38.00		
NJ2	18.78	286	eP	03 11.00	1.5	
SNY	18.90	319	eP	03 14.70	3.9X	
QZH	19.69	264	eP	03 18.00	-2.0	
TIA	20.91	297	eP	03 33.30	0.8	
BAG	21.84	240	eP	03 41.10	-1.2	
BJI	22.84	306	eP	03 53.00	1.2	
E 20s			2.70um			
			eS	08 05.00		
			esS	08 46.00		

			eSS	09 09.00		
HKC	24.35	261	eP	04 14.00	7.3X	
			eS	08 43.00		
TIY	24.91	299	eP	04 12.50	0.4	
HHC	26.42	305	eP	04 26.00	-0.2	
XAN	27.24	289	eP	04 33.40	-0.3	
			S	09 16.00		
BTO	27.46	304	eP	04 34.70	-1.0	
LZH	31.51	293	eP	05 12.00	0.1	
CD2	31.68	283	Pc	05 13.50	0.1	
GTA	34.94	299	eP	05 42.00	0.3	
			i	07 31.40		
CHTO	38.90	265	eP	06 15.30	0.2	
	1.0s		5.00nm		4.2mb	
WMQ	44.30	305	eP	06 59.50	0.4	
PKI	48.03	283	eP	07 29.80	0.6	
KKN	48.08	283	eP	07 30.20	0.7	
	0.8s		27.00nm		5.3mb	
DMN	48.28	283	eP	07 31.60	0.6	
	0.8s		12.00nm		5.0mb	
WB2	48.63	187	iPc	07 33.20	-0.2	
ASPA	52.36	187	eP	08 01.00	-0.8	
			e	09 43.00		
			e(S)	15 36.00		
TTA	52.99	31	P	08 04.80	-1.3	
IMA	54.49	27	eP	08 17.30	0.1	
BRW	54.55	21	eP	08 17.50	0.2	
NDI	54.71	286	eP	08 18.00	-1.1	
COL	56.81	29	eP	08 34.00	0.2	
INK	62.36	25	eP	09 10.00	-1.9	
YOU	63.04	172	eP	09 16.10	-0.7	
MBC	64.85	15	eP	09 28.00	-0.1	
	0.6s		7.00nm		4.9mb	
ALE	68.54	3	eP	09 50.00	-1.5	
	0.7s		2.00nm		4.3mb	
KEV	70.96	340	eP	10 08.00	1.6	
YKA	71.60	28	eP	10 10.80	0.5	
YKC	71.66	28	eP	10 10.00	-0.7	
	0.7s		11.00nm		5.0mb	
SOD	72.35	338	eP	10 14.00	-0.7	
			i	10 18.00		
KJF	73.67	335	eP	10 23.00	0.6	
DAG	74.04	355	eP	10 24.00	-0.4	
PNT	74.97	42	eP	10 31.00	0.7	
SUF	75.07	334	iP	10 29.20	-1.3	
	0.5s		2.00nm		4.4mb	
EDM	76.60	36	eP	10 40.00	0.5	
NEW	76.92	42	eP	10 42.00	0.7	
NUR	76.92	333	eP	10 42.00	1.0	
WDC	77.00	51	e(P)	10 42.00	0.1	
GAS	77.29	52	P	10 45.60	1.9	
MIN	77.74	51	eP	10 40.00	-6.2X	
ORV	78.17	51	e(P)	10 48.30	-0.1	
JAS1	79.68	52	eP	10 58.00	1.4	
BMN	80.65	49	eP	11 03.80	1.9	
	1.0s		2.25nm		4.1mb	
LRM	80.90	43	eP	11 02.80	-0.5	
FFC	81.33	31	eP	11 04.00	-0.9	
	1.0s		10.00nm		4.8mb	
NB2	81.55	338	P	11 03.10	-3.0X	
	0.8s		5.80nm		4.6mb	
HPI	81.62	45	P	11 08.60	1.5	
EUR	81.95	49	iP	11 11.00	2.1X	
	0.2s		10.61nm		5.5mb	
ISA	82.13	54	eP	11 16.00	6.3X	
SBB	83.08	54	eP	11 16.00	1.4	
			e	12 56.00		
GSC	83.49	53	eP	11 17.00	0.3	
DUG	83.66	48	P	11 17.70	0.2	
BDW	84.29	44	eP	11 20.00	-0.8	
	1.0s		4.20nm		4.6mb	
TPC	84.64	54	eP	11 24.00	1.5	
			e	13 03.00		
BAR	84.92	56	eP	11 10.00	-13.9X	
FRB	85.15	12	eP	11 24.00	-0.4	
GLA	86.06	54	eP	11 32.00	2.5X	
			e	13 11.00		
RSSD	86.78	41	eP	11 32.80	-0.3	
	0.8s		7.04nm		4.9mb	
ALQ	90.78	49	eP	11 51.50	-0.7	
	1.0s		3.50nm		4.7mb	
ARE	148.37	74	ePKP	18 38.00	5.4X	
LPB	151.26	71	ePKP	18 40.00	2.8X	
CNCB	151.49	72	ePKP	18 40.00	2.3X	
ITR	160.19	356	ePKP	18 32.90	-15.4X	
SOB1	160.64	3	ePKP	18 34.90	-13.8X	
	1.0s		7.60nm			

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                e      18 46.00
                e      18 52.40
      S.D. = 1.0  on  60 of  79 obs.

   MAY  30, 1985  20h 00m 34.61± 1.20s
   28.551 N ± 7.5km  140.489 E ± 5.7km
   DEPTH =  52.4 ± 11.1 km
   4.9mb ( 13 obs.)  4.7Msz (  1 obs.)
 BONIN ISLANDS REGION                (212)

CBI     2.09 134 eP     01 07.00   -0.8
MAT     8.20 347 (P)    02 35.00    1.4
       0.9s     29.41nm          5.1mb X
                (S)    04 09.00
SSE    16.94 283 e(P)   04 29.20   -0.3
     Z 12s      7.50um
     E 12s      6.60um
BAG    21.97 241 eP     05 25.00   -0.8
BJI    23.05 306 eP     05 36.50    0.4
                eS     09 39.00
LOE    37.22 261 eP     07 43.00    0.1
CHG    39.10 265 eP     07 58.50   -0.2
CHTO   39.10 265 eP     07 58.00   -0.6
       1.1s     25.03nm          5.0mb
NST    39.34 260 eP     07 50.00 -10.6X
BDT    39.66 263 eP     08 02.00   -1.3
NNT    41.10 256 eP     08 18.20    3.1X
IPM    44.38 245 ePd    08 43.70    1.8
WB2    48.57 188 iPc    09 15.70    0.9
TTA    52.96  31 P      09 50.00    2.3
IMA    54.48  27 P      09 58.50   -0.4
BRW    54.56  21 P      09 58.40   -0.8
NDI    54.92 286 eP     10 02.00   -0.5
WBN    56.00 195 eP     10 01.80   -8.4X
COL    56.79  29 eP     10 20.00    4.6X
GBA    60.08 270 Pc     10 40.50    1.5
       1.0s     20.10nm          5.2mb
INK    62.35  25 eP     10 52.00   -1.6
MBC    64.88  15 eP     11 09.00   -1.1
       0.6s     15.00nm          5.2mb
MHI    66.95 300 eP     11 28.00    3.9X
YKA    71.58  28 eP     11 52.00    0.1
RSNT   71.59  28 P      11 50.40   -1.5
YKC    71.64  28 eP     11 51.00   -1.2
       0.7s     14.00nm          5.0mb
SOD    72.50 338 eP     11 58.00    0.7
KJF    73.83 335 eP     12 10.00    4.9X
DAG    74.15 355 iPd    12 05.00   -1.7
       0.7s      3.42nm          4.4mb
                i      12 12.00
SUF    75.23 334 iP     12 18.70    5.5X
       0.7s      6.70nm          4.7mb
EDM    76.55  36 eP     12 20.50   -0.3
NEW    76.84  42 P      12 22.50   -0.1
       1.0s     13.75nm          4.9mb
WDC    76.89  51 e(P)   12 23.20    0.2
MSZ    77.05 160 P      12 32.10    8.6X
NUR    77.09 333 eP     12 27.00    3.4X
     Z 18s      0.30um          4.7Msz
                LR     57 30.00
GAS    77.18  52 P      12 25.80    1.1
ORV    78.07  51 eP     12 29.30   -0.2
SES    79.23  38 eP     12 36.00    0.4
JAS1   79.57  53 eP     12 38.50    0.8
UPP    80.24 335 iP     12 45.70    5.0X
FRI    80.51  53 e(P)   12 43.30    0.6
BMN    80.55  49 eP     12 44.00    1.0
FFC    81.29  31 iPc    12 45.90   -0.5
       0.8s     10.00nm          4.8mb
NB2    81.70 338 P      12 45.40   -3.1X
       1.1s     28.70nm          5.2mb
DUG    83.57  48 P      12 59.00    0.3
BDW    84.22  44 eP     13 02.00   -0.1
       1.0s      7.00nm          4.7mb
DAU    84.46  47 P      13 04.00    0.6
FRB    85.20  13 ePc    13 05.70   -0.5
GLA    85.94  55 iP     13 11.80    1.2
RSSD   86.71  41 eP     13 14.30   -0.1
       1.0s      9.00nm          4.9mb
KSP    86.89 328 eP     13 20.00    5.1X
BRG    87.94 329 e(P)   13 25.00    5.1X
CLL    88.05 330 eP     13 26.00    5.6X
PRU    88.29 328 eP     13 27.50    5.9X
ALQ    90.68  49 e(P)   13 33.00   -0.4
       1.0s      5.00nm          4.9mb
EKA    90.84 340 Pc     13 38.90    5.4X
       1.1s      5.40nm          4.9mb

LPB   151.09  72 PKP    20 25.80    7.4X
CNCB  151.33  72 iPKP   20 27.00    8.1X
TPZ   152.65  82 ePKP   20 27.00    6.5X
      S.D. = 1.0  on  40 of  59 obs.

•  MAY  30, 1985  21h 35m 26.44± 2.77s
   28.811 N ±12.4km  140.383 E ±14.6km
   DEPTH =  80.1 ± 25.0 km
   4.5mb (  5 obs.)
 BONIN ISLANDS REGION                (212)

MAT     7.92 347 eP     37 21.00    0.0
       0.6s     6.67nm          4.5mb
                eS     38 50.00
CHTO   39.03 265 eP     42 47.00   -0.1
       1.1s     3.24nm          4.1mb
PKI    48.10 282 eP     44 00.60    0.1
KKN    48.15 283 eP     44 01.30    0.5
       0.8s    12.00nm          4.9mb
DMN    48.35 283 eP     44 02.70    0.4
WB2    48.82 188 eP     44 05.20   -0.3
WRA    48.82 188 Pc     44 05.50   -0.1
       0.7s     6.10nm          4.7mb
INK    62.15  25 eP     45 40.50   -0.5
LRM    80.70  43 eP     47 33.90    1.5
NB2    81.43 338 P      47 34.20   -1.5
       0.9s     3.20nm          4.2mb
     S.D. = 0.9  on  10 of  10 obs.

   MAY  30, 1985  21h 41m 34.37± 0.83s
   39.689 N ± 8.0km   20.515 E ± 7.8km
   DEPTH =  10.0km  (geophysicist)
 GREECE-ALBANIA BORDER REGION        (392)
      ML 4.0 (ATH).

KZN     1.15  57 ePn    41 56.00    0.1
                eSg    42 15.50
OHR     1.44   9 iPn    42 01.10    0.6
VLS     1.51 178 ePg    42 01.30   -0.2
LCI     2.07 289 ePn    42 10.50    1.0
VAY     2.26  43 iPn    42 13.20    0.9
SKO     2.39  17 iPn    42 15.00    0.9
                i      42 18.50
                iSn    42 45.00
BRT     2.80 296 ePn    42 25.70    5.7X
                eSn    43 02.00
TTG     2.90 341 ePn    42 20.00   -1.3
                eSn    43 08.00
ATH     3.03 123 ePn    42 29.20    6.0X
MMB     3.10  51 eP     42 23.00   -1.2
HCY     3.15 332 ePn    42 24.20   -0.7
                e(Sn)  43 18.00
KDZ     4.16  61 iP     42 45.00    5.7X
PVL     4.92  44 e(P)   43 02.00   12.0X
DUI     5.01 295 e(Pn)  42 45.00   -6.3X
                eSn    44 21.50
VOY     7.99 325 ePn    43 29.30   -4.0X
                eSn    44 55.10
      S.D. = 1.0  on   9 of  15 obs.

•  MAY  30, 1985  21h 54m 03.02± 2.55s
   28.820 N ±10.7km  140.285 E ±11.3km
   DEPTH =  85.4 ± 21.9 km
   4.7mb (  3 obs.)
 BONIN ISLANDS REGION                (212)

MAT     7.90 348 (P)    55 57.00   -0.1
       1.5s     27.78nm          4.7mb X
                (S)    57 28.00
TIY    24.85 298 eP     59 19.60    0.7
XAN    27.20 289 eP     59 40.00   -0.6
CD2    31.66 283 Pc     00 20.60    0.3
WMO    44.21 304 eP     02 06.40    1.1
WB2    48.82 187 eP     02 41.20   -0.4
WRA    48.82 187 Pc     02 41.60    0.0
       0.4s    10.00nm          5.1mb
NDI    54.68 286 eP     03 25.50    0.0
INK    62.18  25 ePd    04 16.40   -0.8
MBC    64.67  15 eP     04 33.00   -0.4
YKA    71.43  28 eP     05 15.80    0.2
YKC    71.49  28 eP     05 16.00    0.1
LRM    80.75  43 eP     06 09.70    1.0
                e      06 16.70
FFC    81.16  31 eP     06 11.00    0.8
       0.8s     7.00nm          4.6mb
NB2    81.39 338 P      06 09.10   -2.3
       0.9s     4.90nm          4.4mb

FRB    84.97  12 eP     06 30.00    0.4
LPB   151.18  71 PKP    13 51.20    8.4X
CNCB  151.41  71 iPKP   13 51.90    8.6X
      S.D. = 0.9  on  16 of  18 obs

&  MAY  30, 1985  22h 17m 34.23s
   60.548 N          149.722 W
   DEPTH =  59.9km
 KENAI PENINSULA, ALASKA             ( 14)
      <AGS-P>.

MPA     0.19 108 iP     17 43.62   -0.1
                iS     17 50.00
SLKM    0.25 261 iP     17 43.89   -0.2
SEW     0.47 163 iP     17 45.47   -0.4
                eS     17 53.78
PTE     0.47  47 iP     17 45.72   -0.2
                iS     17 53.83
PMS     0.70   6 iP     17 48.60   -0.1
NKA     0.77 285 iP     17 50.52    1.1
BRLK    0.98 217 iP     17 51.83   -0.3
                iS     18 04.33
SUA     1.05 332 eP     17 52.95   -0.2
KNK     1.06  35 iP     17 53.21   -0.1
                iS     18 06.87
PLRM    1.09  15 eP     17 53.39   -0.1
                eS     18 07.75
PWA     1.11 356 eP     17 53.88    0.0
                eS     18 06.58
CFI     1.15  56 iP     17 54.09   -0.3
GHO     1.29  17 eP     17 56.42    0.0
SPU     1.31 300 iP     17 56.08   -0.6
                iS     18 12.89
RDT     1.33 272 iP     17 56.22   -0.7
GLI     1.33  74 eP     17 56.10   -0.9
MSE     1.35  15 iP     17 56.91   -0.3
CGLM    1.35 305 iP     17 56.93   -0.4
TTV     1.37  67 eP     17 57.22   -0.3
CRP     1.39 302 eP     17 57.85    0.0
SML     1.43  27 iP     17 58.30   -0.1
ILM     1.58 258 iP     17 59.77   -0.6
HIN     1.60  94 iP     17 59.48   -1.2
FID     1.61  81 iP     17 59.31   -1.5
VZW     1.64  70 eP     18 00.50   -0.7
SKT     1.68 330 eP     18 02.10    0.3
SCM     1.73  41 eP     18 03.07    0.5
VLZ     1.76  69 eP     18 02.39   -0.4
KLU     2.08  61 eP     18 07.23   -0.2
SGAM    2.23  89 iP     18 07.98   -1.5
TOA     2.32  46 eP     18 11.52    0.8
KMP     2.48  65 eP     18 12.42   -0.6
BALM    3.65  79 eP     18 27.88   -0.7
       33 obs. associated

%  MAY  30, 1985  22h 48m 59.38± 0.73s
   40.807 N ± 5.9km   28.079 E ± 8.9km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

CTT     0.43  38 iPg    49 08.40    0.2
EDC     0.49 200 iPg    49 08.80   -0.5
                iSg    49 16.80
KGT     0.69 239 ePg    49 12.70   -0.3
DMK     1.04 347 iPn    49 18.60   -0.4
DST     1.27 161 ePn    49 23.00    0.0
EZN     1.66 234 iPn    49 29.70    1.1
      S.D. = 0.8  on   6 of   6 obs.

   MAY  30, 1985  23h 20m 10.87± 1.09s
   28.774 N ± 6.0km  140.401 E ± 4.8km
   DEPTH =  36.7 ± 10.0 km
   4.6mb ( 15 obs.)  3.8Msz (  1 obs.)
 BONIN ISLANDS REGION                (212)

CBI     2.30 136 eP     20 46.00   -1.2
                eS     21 12.00
MAT     7.96 347 (P)    22 08.00    0.9
                eS     23 44.00
PJG    15.67 164 eP     23 55.30    4.6X
SSE    16.82 283 eP     24 16.00   10.9X
     Z 12s      1.50um
SNY    18.88 318 eP     24 30.40   -0.2
TIA    20.96 297 P      24 53.60    0.5
BAG    22.01 240 eP     25 05.80    1.8
WHN    22.69 281 eP     25 12.50    2.1
BJI    22.86 306 eP     25 14.00    2.1
                eS     29 14.00
```

30d 23h

TIY	24.96	298	eP	25	32.70	0.3
HHC	26.44	305	eP	25	45.80	-0.5
XAN	27.31	289	Pc	25	53.40	-0.8
BTO	27 49	303	eP	25	55.00	-0.8
CD2	31.77	283	Pc	26	33.70	-0.3
GTA	34.99	298	eP	27	01.60	-0.3
CHTO	39.04	265	eP	27	35.10	-1.0
	1.0s		4.50nm			4.2mb
	Z 20s		0.16um			3.8Msz
WMQ	44.32	304	eP	28	18.60	-0.6
PKI	48.12	282	eP	28	49.40	-0.4
	0.8s		9.00nm			4.9mb
KKN	48.18	283	eP	28	50.10	0.1
	0.8s		20.00nm			5.2mb
WB2	48.78	188	iPc	28	54.40	0.0
WRA	48.78	188	Pd	28	54.00	-0.4
	0.5s		13.60nm			5.2mb
NDI	54.79	286	iPc	29	38.50	-1.0
PMR	55.88	33	P	29	40.00	-6.9X
	1.1s		12.50nm			4.9mb
WBN	56.19	195	eP	29	50.00	0.4
COL	56.63	29	eP	29	58.00	5.7X
INK	62.18	25	ePd	30	29.60	-0.9
MBC	64.68	15	eP	30	46.00	-0.9
ALE	68.40	3	eP	31	09.50	-0.9
	0.9s		5.00nm			4.6mb
YKA	71.42	28	eP	31	29.30	0.3
YKC	71.48	28	eP	31	29.00	-0.4
	0.6s		7.00nm			4.8mb
SOD	72.26	338	eP	31	42.00	8.0X
KJF	73.60	335	eP	31	41.00	-0.8
DAG	73.92	355	iPd	31	38.10	-5.4X
	0.5s		2.82nm			4.5mb
			i	31	43.00	
SUF	75.00	334	eP	31	48.00	-1.9
	0.8s		2.40nm			4.2mb
EDM	76.41	36	eP	31	58.50	0.3
NEW	76.73	42	P	32	01.00	0.9
	1.0s		7.50nm			4.7mb
ORV	77.99	51	iP	32	07.50	0.3
JAS1	79.49	53	eP	32	16.00	0.6
BMN	80.46	49	eP	32	21.80	1.1
LRM	80.72	43	eP	32	22.90	0.8
FFC	81.14	31	eP	32	23.50	-0.3
	0.9s		6.00nm			4.6mb
HFS	81.26	336	eP	32	23.00	-1.3
	0.5s		2.20nm			4.4mb
NB2	81.47	338	P	32	22.20	-3.3X
	0.9s		4.50nm			4.5mb
CLC	82.50	53	eP	32	32.00	0.7
SBB	82.90	54	eP	32	34.00	0.6
GSC	83.31	53	eP	32	36.00	0.4
BDW	84.11	44	eP	32	40.50	0.8
	1.0s		2.60nm			4.3mb
TPC	84.46	54	eP	32	41.00	-0.3
FRB	84.99	2	ePc	32	43.50	0.2
GLA	85.87	55	eP	32	49.00	0.6
RSSD	86 60	41	eP	32	52.30	0.3
RSON	87 47	31	eP	32	55.30	-0.5
ALQ	90 66	49	eP	33	11.00	-0.2
	1.0s		3.25nm			4.6mb
LPB	151.10	71	PKP	39	54.00	-2.7X
			i	40	04.20	
CNCB	151.33	72	ePKP	39	53.00	-4.2X
			i	40	05.00	
TPZ	152.70	81	ePKP	40	06.00	7.1X
	S.D. = 0.9		on 46 of 56 obs.			

? MAY 30, 1985 23h 39m 22.80± 5.96s
35.935 N ±19.8km 139.619 E ±20.1km
DEPTH = 117.5 ± 56.8 km
NEAR S. COAST OF HONSHU, JAPAN (230)

TOK	0.27	155	P	39	41.90	2.4X
			S	39	56.80	
DDR	0.35	281	iPc	39	41.10	1.1
			S	39	55.70	
SPA	0.43	221	iPc	39	39.80	-0.5
TSK	0.48	55	iPd	39	39.80	-0.8
YOK	0.50	177	eP	39	42.00	1.3
			iS	39	56.80	
OYM	0.60	211	ePc	39	39.70	-1.7
KYS	0.85	149	eP	39	43.90	0.4
MAT	1.29	298	iPc	39	48.20	0.2
			iS	40	08.10	
	S.D. = 1.5		on 7 of 8 obs.			

MAY 31, 1985 01h 34m 25.26± 0.94s
28.864 N ± 5.8km 140.402 E ± 4.4km
DEPTH = 33.3 ± 7.7 km
4.7mb (20 obs.) 4.1Msz (1 obs.)
BONIN ISLANDS REGION (212)

CBI	2.36	138	ePc	35	02.00	-0.5
			eS	35	28.00	
KYS	6.32	358	eP	35	57.80	-0.7
OYM	6.61	352	eP	36	02.70	0.0
SRY	6.79	352	eP	36	03.80	-1.4
DDR	7.19	352	eP	36	10.50	-0.3
TSK	7.33	358	eP	36	11.70	-1.0
MAT	7.88	347	iPc	36	22.80	2.4
	1.5s		94.44nm			5.6mb X
			eS	37	53.00	
SHK	8.67	313	eP	36	29.80	-1.6
SSE	16.80	282	P-	38	16.00	-3.5X
	E 16s		1.50um			
			eS	41	40.00	
			sS	41	44.00	
DL2	18.50	308	P	38	42.20	1.7
SNY	18.82	318	eP	38	45.10	0.7
NJ2	18.84	285	Pc	38	46.00	1.2
CN2	19.12	325	Pc	38	50.60	2.5
			sP	39	05.00	
			eS	42	20.00	
			esS	42	37.00	
QZH	19.83	264	eP	38	58.00	1.9
TIA	20.92	296	eP	39	07.40	0.1
			S	43	03.00	
WHN	22.68	281	eP	39	27.50	2.5
BJI	22.81	306	eP	39	25.50	-0.6
			eS	39	43.30	
TIY	24.92	298	eP	39	46.80	0.1
			S	44	12.00	
HHC	26.39	305	eP	39	59.60	-0.9
XAN	27.28	289	P	40	08.40	-0.3
			eS	44	44.00	
BTO	27.44	303	eP	40	10.00	-0.1
LZH	31.53	293	eP	40	46.20	-0.6
CD2	31.75	283	eP	40	48.00	-0.6
KMI	33.67	273	eP	41	06.00	0.4
GTA	34.95	298	P	41	16.20	-0.1
			S	46	40.60	
CHG	39.05	265	eP	41	51.00	0.1
CHTO	39.05	265	eP	41	46.00	-4.9X
	1.5s		11.26nm			4.4mb
	Z 20s		0.29um			4.1Msz
WMQ	44.27	304	eP	42	32.50	-1.0
			eS	49	05.50	
PKI	48.10	282	eP	43	04.60	0.2
	0.6s		11.00nm			5.1mb
KKN	48.16	283	eP	43	04.00	-0.6
	0.8s		5.00nm			4.6mb
DMN	48.35	282	eP	43	06.00	-0.2
	0.7s		9.00nm			4.9mb
WB2	48.87	188	eP	43	09.00	-0.8
			e	44	32.70	
WRA	48.87	188	Pd	43	08.20	-1.6
	0.8s		11.00nm			4.9mb
IMA	54.24	27	eP	43	49.00	-0.9
	1.0s		5.00nm			4.5mb
NDI	54.76	286	eP	43	53.00	-1.1
PMR	55.81	33	P	44	00.00	-1.1
COL	56.55	29	eP	44	06.00	-0.5
	0.8s		8.96nm			4.8mb
FBA	56.55	29	eP	44	13.60	7.1X
INK	62.10	25	eP	44	43.80	-0.9
			pP	46	08.00	391kmX
MBC	64.60	15	eP	45	01.00	-0.1
	0.6s		11.00nm			5.1mb
ALE	68.31	3	eP	45	23.50	-1.1
	0.7s		3.00nm			4.5mb
YKA	71.34	28	eP	45	44.00	0.7
YKC	71.40	28	eP	45	43.00	-0.7
	0.8s		13.00nm			5.0mb
SOD	72.18	338	eP	45	48.00	-0.3
KJF	73.52	335	eP	46	01.00	4.9X
DAG	73.83	355	iPd	45	57.10	-0.6
	1.0s		11.00nm			4.8mb
SUF	74.92	334	iP	46	03.70	-0.6
	0.5s		1.50nm			4.2mb
EDM	76.34	36	ePc	46	12 50	-0.1
NEW	76.66	42	eP	46	15.00	0.5
WDC	76.76	51	e(P)	46	16.20	1.1
ORV	77.93	52	eP	46	22.60	1.0
SES	79.03	38	eP	46	27.50	0.0
			pP	46	33.00	18kmX
JAS1	79.44	53	eP	46	31.00	1.1
FRI	80.38	53	e(P)	46	35.20	0.3
LRM	80.65	43	eP	46	36.80	0.3
MNA	80.76	51	eP	46	38.60	1.5
FFC	81.07	31	ePc	46	38.20	0.0
	1.1s		12.00nm			4.8mb
HFS	81.18	336	eP	46	38.10	-0.6
	0.6s		2.60nm			4.4mb
	Z 14s		0.24um			4.7MszX
			LR	19	51.00	
NB2	81.39	338	P	46	37.50	-2.3
	1.0s		8.30nm			4.7mb
ISA	81.90	54	eP	46	43.00	0.0
CLC	82.44	53	eP	46	46.00	0.2
SBB	82.84	54	eP	46	49.00	1.1
GSC	83.26	53	eP	46	51.00	0.9
BDW	84.04	44	eP	46	54.00	-0.1
	1.1s		4.94nm			4.6mb
TPC	84.40	54	eP	46	56.00	0.1
FRB	84.91	12	ePc	46	57.60	-0.1
GLA	85.82	55	eP	47	04.00	1.0
RSSD	86.53	41	eP	47	07.50	1.0
	1.0s		5.50nm			4.7mb
RSON	87.39	31	eP	47	10.30	0.1
	1.0s		5.50nm			4.8mb
PRU	87.99	328	eP	47	11.00	-2.1
GOL	88.40	45	eP	47	16.00	0.3
ALQ	90.54	49	eP	47	26.00	0.3
	1.0s		3.75nm			4.7mb
LHC	91.15	31	eP	47	27.00	-0.9
LTX	95.79	52	eP	47	51.50	1.7
	1.0s		2.00nm			4.5mb
ARE	148.19	74	e(PKP)	54	07.00	0.1
LPB	151.07	71	PKPc	54	13.60	2.1X
			i	54	19.10	
CNCB	151.30	71	PKP	54	14.00	2.0X
			i	54	20.30	
	S.D. = 1.0		on 71 of 77 obs.			

MAY 31, 1985 01h 50m 31.90± 0.95s
42.965 N ± 8.5km 0.737 W ± 7.0km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 3.1 (LDG).

ISSF	0.08	326	Pc	50	34.55	0.1
LHE	0.10	122	Pc	50	34.31	-0.4
			S	50	36.52	
ATE	0.12	12	P	50	35.92	1.0
JAU	0.28	75	P	50	38.37	0.5
OGE	0.28	43	Pc	50	38.64	0.8
EPF	0.79	85	Pg	50	47.20	-0.2
MLS	1.34	90	eP	50	57.50	1.0
LGR	1.40	249	iPnd	50	57.50	0.1
			iSn	51	16.50	
CAF	2.82	45	Pn	51	16.50	-1.3
			Sn	51	50.20	
LSF	3.66	25	Pn	51	27.40	-2.4
			Sn	52	09.40	
MFF	3.66	6	Pn	51	31.30	1.5
			Sn	52	11.40	
TOL	3.96	220	ePg	51	45.00	11.0X
			eSn	52	19.00	
			eSg	52	38.00	
BGF	4.41	34	Pn	51	38.40	-1.9
			Sn	52	26.20	
AVF	4.80	36	Pn	51	44.80	-1.2
			Sn	52	36.90	
SMF	4.91	40	Pn	51	49.30	1.8
DOU	8.02	25	P	52	31.70	0.5
	S.D. = 1.3		on 15 of 16 obs.			

MAY 31, 1985 02h 01m 43.65± 0.55s
33.627 N ± 8.9km 132.396 E ± 8.5km
DEPTH = 70.0 ± 5.9 km
4.3mb (3 obs.)
SHIKOKU, JAPAN (236)
Felt (11 JMA) at Kure, Matsuyama and Uwajima and (1 JMA) at Fukuyama, Hiroshima and Oita.

MTY	0.38	56	Pc	01	54.80	-0.8
			S	02	02.00	
HIR	0.74	3	iPc	01	59.60	0.5
			S	02	09.60	

OIT	0.76	239	Pc	01 59.30	-0.1
			iS	02 10.20	
SHK	0.93	14	iPc	02 01.80	0.2
			eS	02 13.80	
SHN	1.25	285	ePc	02 05.00	-0.7
			S	02 21.60	
KUM	1.63	240	Pc	02 11.30	0.5
			S	02 31.50	
MAT	5.58	57	iPc	03 06.90	0.9
	0.4s		29.66nm	4.9mb X	
WB2	53.30	178	eP	10 57.80	0.2
WRA	53.30	178	Pd	10 57.50	-0.1
	0.7s		1.70nm	4.2mb	
COL	55.84	30	eP	11 14.00	-1.7
SUF	67.57	331	iP	12 35.00	0.7
	0.6s		2.70nm	4.4mb	
HFS	73.94	333	eP	13 13.00	0.3
	0.5s		2.40nm	4.4mb	
	S.D. = 0.9		on 12 of 12 obs.		

& MAY 31, 1985 02h 42m 07.93s
60.419 N 152.079 W
DEPTH = 83.3km
SOUTHERN ALASKA (2)
<AGS-P>.

RDT	0.22	314	iP	42 20.08	1.2
			iS	42 29.82	
RED	0.34	270	iPd	42 20.80	-0.3
ILM	0.44	237	iP	42 21.25	-0.5
			iS	42 31.94	
NKA	0.53	52	iP	42 23.69	1.3
SPU	0.77	1	iP	42 24.16	-0.7
			iS	42 36.84	
HOM	0.79	164	iPd	42 25.10	0.1
CRP	0.85	358	iP	42 25.43	-0.5
			iS	42 38.12	
BRLK	0.89	137	iP	42 25.35	-0.8
			eS	42 39.36	
CGLM	0.89	2	iP	42 25.83	-0.5
			iS	42 39.63	
SLKM	0.92	84	eP	42 25.84	-0.8
			iS	42 39.54	
OPT	0.96	217	eP	42 26.80	-0.2
CNPM	0.99	154	eP	42 26.70	-0.7
SUA	1.23	31	iP	42 29.96	-0.5
			iS	42 47.24	
AUL	1.24	214	eP	42 30.30	-0.2
MPA	1.35	86	eP	42 30.81	-1.0
SEW	1.35	102	iP	42 30.45	-1.3
PMS	1.49	55	iP	42 32.61	-0.8
			iS	42 49.64	
PTE	1.57	72	iP	42 33.25	-1.4
SKT	1.59	9	iP	42 33.76	-1.2
CDD	1.69	209	ePd	42 35.80	-0.5
PLRM	1.86	49	eP	42 36.96	-1.5
SVW	1.87	293	eP	42 36.98	-1.8
KNK	2.03	59	eP	42 39.58	-1.3
			iS	43 03.08	
MSE	2.08	45	iP	42 39.78	-1.8
			iS	43 04.03	
CFI	2.25	68	eP	42 42.00	-1.8
			eS	43 05.69	
SML	2.29	51	eP	42 42.54	-1.9
GLI	2.50	77	eP	42 45.68	-1.6
VZW	2.79	74	eP	42 48.63	-2.7
			eS	43 19.61	
VLZ	2.91	73	eP	42 51.10	-1.8
KLU	3.19	68	iP	42 54.27	-2.6
			iS	43 29.80	
KMP	3.61	69	eP	43 00.65	-2.0
	31 obs. associated				

MAY 31, 1985 03h 37m 08.52± 0.31s
55.377 S ± 7.6km 27.526 W ± 6.7km
DEPTH = 33.0km (normal)
5.1mb (6 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SPA	34.80	180	eP	43 57.70	-0.2
	1.0s		12.50nm	4.8mb	
MDZ	36.45	291	eP	44 06.30	-5.7X
BAO	42.68	330	eP	45 04.30	0.5
TPZ	45.67	301	Pc	45 16.40	-11.7X
SBA	46.74	184	iPc	45 35.60	0.1
	1.0s		19.00nm	5.0mb	
SOB1	47.25	342	eP	45 39.80	-0.5
	0.9s		17 10nm	5.1mb	
			e	45 43.50	
			e	45 57.50	
			e	46 06.10	
ITR	47.29	345	eP	45 39.90	-0.7
	1.1s		13.80nm	4.9mb	
			e	45 43.60	
			e	45 53.00	
SEK	47.54	79	eP	45 44.00	1.4
CNCB	49.31	305	iP	45 57.00	0.1
LPB	49.60	305	Pd	45 59.50	0.5
			LR	03 37.00	
SLR	49.92	77	eP	46 01.20	0.2
			S	52 51.00	
ARE	51.29	301	iPc	46 11.80	0.2
BUL	54.56	73	iPc	46 36.00	0.2
KRI	57.80	72	iPc	46 58.00	-1.0
MTD	58.92	74	eP	47 06.00	-0.7
KIC	64.36	25	iP	47 43.30	0.1
	0.9s		79.00nm	5.8mb	
BNG	70.63	50	iPd	48 22.90	0.3
	0.6s		32.00nm	5.6mb	
FRB	122.95	340	ePKP	56 01.00	-0.2
LRM	123.48	303	ePKP	56 07.30	4.0X
SUF	124.96	27	ePKP	56 05.00	-0.2
SOD	128.89	24	iPKP	56 13.00	0.3
YKC	135.48	319	ePKP	56 25.00	-0.3
YKA	135.54	319	ePKP	56 25.50	0.1
INK	145.15	321	ePKPd	56 42.20	-0.3
	1.0s		87.00nm		
COL	149.93	313	ePKP	56 55.00	4.8X
	1.0s		25.00nm		
BJI	151.56	107	ePKP	57 00.00	6.6X
	S.D. = 0.5		on 21 of 26 obs.		

• MAY 31, 1985 03h 43m 58.35± 0.46s
55.391 S ±11.7km 27.645 W ± 9.9km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SPA	34.79	180	e(P)	50 42.10	-5.5X
TPZ	45.62	301	eP	52 06.00	-11.6X
SBA	46.72	184	eP	52 24.50	-0.7
	1.1s		22.78nm	5.1mb	
SOB1	47.24	342	eP	52 29.20	-0.8
	0.6s		5.40nm	4.7mb	
			e	52 33.80	
ITR	47.29	345	eP	52 29.50	-0.9
CNCB	49.26	305	P	52 46.70	0.4
LPB	49.56	305	P	52 49.00	0.6
ARE	51.24	302	iP	53 01.70	0.6
BUL	54.63	73	eP	53 27.30	1.2
KRI	57.87	72	eP	53 43.00	-6.3X
MTD	58.98	74	eP	53 57.00	-0.1
KIC	64.40	25	iP	54 33.10	-0.2
BNG	70.69	50	iPd	55 12.60	-0.2
	0.6s		22.00nm	5.4mb X	
			id	55 18.30	
FRB	122.94	340	ePKP	02 51.00	0.0
SUF	125.00	27	iPKP	02 55.00	-0.1
SOD	128.93	24	iPKP	03 02.20	-0.4
YKA	135.51	319	ePKP	03 16.10	0.9
INK	145.11	321	ePKPd	03 31.90	-0.3
	0.5s		17.00nm		
COL	149.89	313	ePKP	03 44.00	4.0X
	1.2s		23.44nm		
FBA	149.89	313	ePKP	03 44.40	4.4X
IMA	152.47	314	ePKP	03 51.50	7.5X
	1.0s		5.00nm		
	S.D. = 0.7		on 15 of 21 obs.		

• MAY 31, 1985 04h 13m 22.85± 0.96s
44.698 N ± 4.7km 112.906 W ±13.9km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.1 (BUT).

HPI	1.00	188	iP	13 42.70	0.3
LRM	1.17	16	eP	13 44.90	-0.4
			eS	14 01.60	
BUT	1.34	10	ePn	13 47.80	-0.3
			ePg	13 48.90	
			eSn	14 05.60	
			e	14 06.60	
TMI	1.56	153	eP	13 51.50	-0.1
IMW	1.62	119	eP	13 52.30	-0.2
SXM	1.88	39	ePn	13 57.50	1.4
HRY	2.15	20	ePn	13 59.70	-0.3
BDW	3.09	127	e(P)	14 13.00	-0.4
	S.D. = 0.7		on 8 of 8 obs.		

? MAY 31, 1985 04h 46m 39.53± 1.28s
24.813 N ±16.0km 122.073 E ±25.6km
DEPTH = 109.4 ± 15.4 km
3.7mb (1 obs.)
TAIWAN REGION (243)

TWC	0.29	225	Pc	46 55.90	-0.1
			eS	47 08.50	
TWZ	0.53	302	iPd	46 56.00	-0.7
TATO	0.56	287	iP	46 56.20	-0.7
			iS	47 09.00	
ANP	0.63	306	eP	46 59.00	1.4
TWQ	1.25	245	iPc	47 03.50	-0.2
			eS	47 22.80	
TWK	2.11	224	ePc	47 14.50	0.0
TWG	2.19	205	ePc	47 15.80	0.4
WRA	46.06	164	Pc	54 54.00	-0.1
	0.6s		0.80nm	3.7mb	
	S.D = 0.9		on 8 of 8 obs.		

MAY 31, 1985 06h 00m 02.66± 1.30s
15.852 N ± 7.2km 92.948 W ± 7.8km
DEPTH = 112.1 ± 12.2 km
4.8mb (16 obs.)
MEXICO-GUATEMALA BORDER REGION (62)

VHO	3.88	291	P	01 00.00	-1.6
TPM	6.61	299	iP	01 20.00	-19.1X
TAC	6.92	302	iP	01 47.50	4.1X
GCM	11.55	71	P	02 46.20	0.9
			e	04 56.45	
			e	10 33.30	
BBJ	15.20	78	eP	03 43.72	11.1X
STH	15.59	80	iP	03 49.10	11.5X
HOJ	15.65	80	eP	03 49.25	11.1X
LTX	16.66	325	iP	03 56.00	5.2X
	1.1s		37.65nm	4.6mb	
BHO	18.53	355	eP	04 13.50	0.2
			e	08 28.20	
TUL	20.14	353	eP	04 29.70	-0.3
	0.9s		95.80nm	5.2mb	
			e	08 23.50	
RLO	20.32	355	eP	04 31.40	-0.5
PRM	20.51	26	iP	04 36.00	2.2
RSCP	20.74	17	eP	04 40.30	4.1X
			i	05 02.30	
PSO	21.20	132	eP	04 42.50	1.1
BOG	21.65	119	eP	04 50.00	4.3X
FVM	22.16	5	iP	04 50.00	-0.2
	0.8s		16.67nm	4.4mb	
ALQ	22.54	330	eP	04 56.00	1.8
	0.8s		12.69nm	4.3mb	
SDV	22.86	105	eP	04 58.50	1.2
TOV	23.36	102	eP	05 06.00	3.9X
GOL	26.12	338	iP	05 29.00	0.8
	1.0s		4.50nm	4.0mb	
RSSD	29.71	344	iP	06 00.50	0.1
	0.8s		15.85nm	4.8mb	
BDW	30.38	335	iP	06 06.70	0.4
	1.0s		6.00nm	4.3mb	
EUR	30.97	324	iP	06 13.20	1.6
	0.5s		5.32nm	4.5mb	
SKLY	32.20	26	eP	06 20.80	-1.1
RSNY	32.57	25	P	06 25.00	-0.2
LHC	32.61	5	eP	06 24.00	-1.5
			pP	06 49.50	115kmY
JAS1	32.71	318	P	06 28.50	2.6
OTT	32.82	23	eP	06 26.00	-1.3
LRM	34.06	335	iPc	06 39.50	1.2
NEW	37.94	334	P	07 10.20	-0.6
	1.0s		5.00nm	4.4mb	
ARE	38.46	146	eP	07 16.00	0.3
FFC	39.42	352	eP	07 22.60	-1.8
	0.6s		9.00nm	4.8mb	
PNT	39.82	333	iP	07 27.00	0.7
	0.8s		29.00nm	5.1mb	
EDM	40.60	341	iPc	07 32.60	-0.1
PGC	41.14	329	eP	07 38.00	0.9
YJA	46.38	144	ePd	08 20.00	-0.1
YKC	48.98	347	ePc	08 38.80	-0.5
	0.5s		14.00nm	5.1mb	
YKA	49.02	347	eP	08 39.60	-0.1

31d 06h

FRB	50.73	14	eP	08 51.00	-1.6	
PEL	53.16	157	iPd	09 09.50	-1.7	
BAC	54.30	123	e(P)	09 17.30	-2.7X	
PNL	55.22	333	eP	09 27.00	1.0	
SOB1	57.24	112	eP	09 39.80	-1.2	
INK	58 40	344	ePc	09 47.70	-0.6	
PME	60.33	333	eP	10 01.60	0.0	
	1.0s	15.00nm		5.0mb		
COL	61.19	337	iP	10 07.20	-0.3	
	0.8s	26.49nm		5.3mb		
		e		10 48.00		
FBA	61.19	337	eP	10 06.70	-0.8	
	1 0s	33.80nm		5.3mb		
MBC	61.97	353	eP	10 12.00	-0.5	
	0.7s	20.00nm		5.2mb		
TTA	63.84	353	eP	10 24.40	-0.7	
IMA	63.91	337	eP	10 24.50	-1.1	
WB2	134.92	258	ePKP	19 00.20	-10.7X	
		e		19 09.70		
		e		19 40.00		
WRA	134.93	258	PKPd	19 02.90	-8.0X	
	0 4s	0.40nm				
LCE	143 92	336	ePKP	19 24.00	-3.2X	
BDT	145.07	340	ePKP	19 28.00	-1.1	
	0 6s	65.30nm				
HYB	145.90	15	ePKP	19 30.50	-0.1	
		e		19 59.00		
NST	146.12	337	ePKP	19 32.00	1.1	
KHT	147.49	339	ePKP	19 36.00	2.8X	
NWAO	147.84	233	ePKP	19 35.00	1.7	
MUN	149.02	234	iPKPd	19 38.70	3.5X	
NNT	149.08	335	ePKP	19 41.00	5.3X	
GBA	149.23	19	PKPc	19 35.50	-0.4	
	0.8s	20.60nm				
MRWA	150.24	248	iPKPc	19 41.50	4.4X	
	S.D. = 1.1	on	45 of	62 obs.		

* MAY 31, 1985 06h 44m 25.90± 0.98s
31.816 S ± 9.5km 68.492 W ±12.1km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

ZON	0.31	329	iPc	44 35.20	1.3	
			eS	44 50.00		
RTCB	0.42	321	iPc	44 34.00	-1.4	
			S	44 48.80		
RTLL	0.49	2	iPc	44 36.20	-0.2	
			S	44 53.00		
MDZ	1.11	196	iP	44 45.10	-0.1	
			iS	45 05.60		
RFA	2.95	180	ePd	45 07.00	-4.5X	
TCA	3.36	83	iPd	45 17.20	-0.3	
			S	46 04.60		
	S.D. = 1.4	on	5 of	6 obs.		

* MAY 31, 1985 07h 09m 35.05± 0.48s
12.247 N ±10.0km 144.167 E ±11.4km
DEPTH = 33.0km (normal)
4.9mb (3 obs.)
SOUTH OF MARIANA ISLANDS (210)

DAV	19.03	256	eP	14 02.00	4.9X	
BAG	23.22	283	eP	14 41.00	0.5	
WB2	33.42	197	eP	16 12 30	-0.7	
WRA	33.42	197	Pc	16 12 60	-0.4	
	0.7s	4.10nm		4.4mb		
ASPA	37.08	196	eP	16 45 00	0.8	
PKI	56.83	295	eP	19 19.50	0.0	
KKN	56.96	295	eP	19 20.20	0.0	
DMN	57.10	295	eP	19 21.50	0.2	
	1.2s	30.00nm		5.2mb		
HYB	63.38	233	eP	20 04.00	0.0	
INK	75.87	22	eP	21 17.00	-2.6	
	1.0s	53.00nm		5.5mb X		
YKA	84.36	27	eP	22 05.50	0.5	
YKC	84.42	27	eP	22 06.00	0.7	
ALE	84.62	3	eP	22 06.00	0.0	
	0.9s	10.00nm		5.0mb		
NEW	86.68	41	eP	22 18.00	1.1	
EDM	87.63	36	eP	22 21.50	0.1	
LRM	90.43	43	eP	22 35.70	0.6	
SUF	91.41	336	eP	22 38.00	-0.8	
KIC	143 98	299	ePKP	29 08.10	-1.8X	
	S D = 0.9	on	16 of	18 obs.		

MAY 31, 1985 07h 24m 34.12± 0.55s
12.246 N ± 3 5km 144.280 E ± 4.2km
DEPTH = 31.9 ± 3.9 km
5.5mb (40 obs.) 6.0Msz (18 obs.)
SOUTH OF MARIANA ISLANDS (210)
Ms 5.9 (BRK), 5.8 (PAS). Felt (III) on Guam.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 29C
Centroid Location:
Origin Time 07:24:40.2 0.2
Lat 12.02N 0.03 Lon 144.26E 0.03
Dep 16.9 2.3 Half-duration 4.0
Moment Tensor; Scale 10**24 D-CM
Mrr= 6.98 0.22 Mtt=-6.46 0.27
Mff=-0.52 0.32 Mrt= 4.78 1.00
Mrf= 5.41 0.98 Mtf=-5.23 0.21
Principal Axes:
T Val= 10.06 Plg=65 Azm=289
N 1.96 14 51
P -12.02 20 146
Best Double Couple:Mo=1.1*10**25
NP1:Strike=259 Dip=28 Slip= 121
NP2: 45 67 75

GUA	1.42	26	eP	24 58.10	0.1	
			e	25 20.40		
GUMO	1.45	23	eP	24 58.90	0.5	
PJG	1.45	23	eP	24 50.80	-7.6X	
MOM	14.53	167	eP	28 00.50	1.1	
JAY	15.09	194	ePd	28 08.00	1.2	
KVG	16.08	156	iPc	28 19.00	-0.6	
RAB	18.11	154	iP-	28 44.00	-1.1	
			iS	32 17.20		
MVI	18.27	320	eP	28 51.00	4.1X	
LAT	18.97	172	eP	28 59.00	3.4X	
DAV	19.13	256	iPc+	28 58.50	1.0	
CGP	19.63	261	ePd	29 02.10	-1.1	
	1.5s	100.30nm		4.9mb		
MAP	20.00	267	iPc	29 07.50	0.4	
LMG	21.36	169	eP	29 19.50	-1.8	
PMG	21.70	172	eP	29 23.00	-1.5	
AAI	22.50	226	eP	29 33.50	1.0	
	0.9s	321.20nm		5.8mb		
QCP	22.69	279	ePd	29 34.00	-0.3	
MAN	22.69	279	eP	29 51.40	17.1X	
KYS	23.16	351	eP	29 41.00	2.3	
ALOA	23.20	165	eP	29 40.00	0.7	
BAG	23.33	283	ePc+	29 40.80	0.0	
	1.7s	1469.23nm		6.2mb		
			eS	34 00.00		
OYM	23.52	350	eP	29 40.40	-1.9	
SRY	23.70	350	eP	29 42.60	-1.4	
DDR	24.09	350	eP	29 47.00	-0.9	
SHK	24.57	336	eP	29 50.60	-1.8	
MAT	24.80	348	eP	29 55.00	0.3	
	0.6s	33.33nm		5.1mb		
			eS	34 14.00		
TATO	24.99	304	eP	29 58.00	1.4	
	1.1s	94.23nm		5.3mb		
ANP	25.06	304	iP+	29 56.00	-1.3	
			iS	34 36.00		
PPR	25.20	267	ePd	30 01.00	2.4	
	1.1s	116.40nm		5.4mb		
SVO	26.27	143	P	30 24.00	15.4X	
HNR	26.57	143	eP	30 10.00	-1.4	
			eS	34 48.00		
MTN	28.14	208	eP	30 25.00	-0.6	
KKM	28.37	260	ePd	30 29.30	1 4	
SSE	28.40	315	iP+	30 29.00	1.2	
	Z 18s	35.60um		6.0Msz		
	N 16s	7.50um				
	E 16s	11.00um				
			pP	30 36 00	25kmX	
			PP	31 18.00		
			eS	34 56.00		
			sS	35 16.00		
HKC	30.38	293	ePc	30 46.00	0.3	
			ePP	31 41.00		
			eS	35 43.00		
CTA	32.19	177	iPd-	31 01.20	-0.3	
	1.0s	79	00nm	5.6mb		
			iS	36 08 00		
WB2	33.45	197	eP	31 10.40	-2 1	
WRA	33.45	197	Pd	31 10 50	-2.0	
	0.6s	37	90nm	5 5mb		
ASPA	37.11	196	eP	31 42 00	-1 7	
BJI	37 15	323	eP	31 34 00	-9 8X	
	Z 19s	12.90um		5.7Msz		
	N 17s	4.60um				
	E 18s	12.00um				
			ePP	33 06.00		
			ePPP	33 26.00		
			eS	37 25.00		
			eSS	39 34.00		
TRT	37.18	239	ePd	31 46.80	2.4	
RMO	38.75	174	eP	31 58.00	0.6	
MBL	40.97	216	eP	32 17.00	1.2	
KMI	41.22	294	Pc+	32 19.00	0.9	
	E 16s	11.50um				
			pP	32 49.00	133kmX	
			PP	33 59.00		
			S	38 07.00		
LOE	41.39	282	eP	32 21.00	1.6	
KGM	41.83	259	ePc	32 24.20	1.2	
	1.5s	337.50nm		5.9mb		
WBN	41.86	284	eP	32 25.00	1.9	
NST	42.92	280	eP	32 33.00	1.1	
IPM	43.41	264	ePc	32 38.00	2.0	
	1.0s	60.20nm		5.3mb		
		e		33 14.10		
LZH	43.43	310	Pd	32 36.50	0.5	
	1.5s	400.00nm		6.0mb		
	N 16s	3.90um				
	E 17s	12.90um				
			PP	34 10.00		
			S	38 45.00		
			SS	41 42.00		
NNT	43.47	275	eP	32 37.80	1.4	
STK	43.95	183	eP	32 40.00	0.0	
BDT	43.99	282	eP	32 41.60	1.0	
	1.2s	86.30nm		5.4mb		
CHG	44.07	284	iPc	32 41.60	0.3	
	1.0s	25.00nm		5.0mb		
			eS	39 16.00		
CHTO	44.07	284	iP	32 41.20	0.0	
	1.0s	20.50nm		4.9mb		
KHT	44.44	279	eP	32 47.00	2.8X	
NAU	44.62	219	eP	32 42.00	-3.6X	
PPI	45.34	257	e(P)	32 44.50	-7.0X	
PSI	45.89	262	ePc	32 56.50	0.7	
	1.5s	328.00nm		6.0mb		
YOU	46.43	175	eP	33 00.20	0.5	
		e		33 15.60		
ADE	47.25	186	eP	33 04.70	-1.6	
CAN	47.52	175	eP	33 07.40	-1.0	
		e		33 25.60		
WAM	48.37	175	eP	33 13.90	-1.0	
BSI	48.78	267	ePd	33 21.00	2.5	
BFD	49.18	182	eP	33 22.00	0.8	
MRWA	49.45	213	eP	33 22.00	-1.4	
TOO	49.56	179	eP	33 23.00	-1.1	
BAL	50.18	211	eP	33 28.00	-1.0	
KLB	50.46	210	eP	33 29.00	-2.1	
	0.9s	65.00nm		5.6mb		
ADK	50.50	30	eP	33 27.00	-4.1X	
SHL	51.01	293	iP	33 35.00	-0.6	
			iS	40 50.00		
MUN	51.54	211	eP	33 39.00	-0.3	
NWAO	51.81	209	eP	33 41.00	-0.3	
	Z 18s	9.00um		5.8Msz		
	N 18s	6.00um				
	E 18s	4.00um				
PKI	56.93	295	iP	34 18.00	-1.4	
KKN	57.06	295	iP	34 18.60	-1.6	
DMN	57.20	295	iP	34 20.10	-1.1	
KRP	57.87	151	P	34 24.50	-0.7	
GNZ	59.64	150	eP	34 34.00	-3.5X	
MNG	60.01	153	P	34 37.20	-2.9X	
WEL	60.24	154	e(P)	34 24.00	-17.7X	
	Z 20s	7.09um		5.8Msz		
			(S)	43 00.00		
			(ScS)	44 46.00		
MSZ	60.57	161	P	34 44.20	0.4	
HYB	63.49	283	ePc	35 03.00	-1.0	
	1.4s	300.00nm		6.2mb		
NDI	64.19	296	iP	35 06.60	-1.8	
			iS	43 41.00		
GBA	64.98	279	Pc	35 10.50	-3.1X	
	0.9s	30.30nm		5.4mb		
KOD	65.42	276	eP	35 16.00	-0.9	
			eS	44 02.00		
TTA	65.61	26	eP	35 15.40	-1.6	
AJM	66.76	293	iP	35 22.00	-2.9X	
IMA	67.71	23	eP	35 29.30	-1.1	

POO	67.84	285	iPc	35	31.00	-0.9	SLBC	90.37	56	eP	37	38.50	4.6X	GRF	105.85	330	iPdiff	38	45.00	1.4
			iS	44	28.00		HPI	90.56	45	P	37	36.00	1.0		2.5s		0.10nm			3.4mb X
PME	68.29	28	eP	35	31.00	-2.9X	DAG	90.59	356	iPd	37	31.90	-2.2		Z 19s		7.00um			6.2Msz
	1.0s		20.00nm			5.2mb		0.5s		9.86nm			5.4mb	RLO	106.26	46	ePKP	42	55.20	-2.2
BOM	68.77	286	iP	35	18.00	-19.6X				i	41	09.00		VOY	106.86	326	ePdiff	39	47.00	-1.3
			iS	44	47.00		SBA	90.84	175	PDIFc	37	37.10	2.1	TRI	107.14	326	ePdiff	39	47.20	-2.1
COL	69.68	25	iP	35	40.60	-1.8		1.5s		33.33nm			5.5mb				iPP	43	19.00	
	1.2s		60.16nm			5.5mb	SUF	91.45	336	iP	37	36.50	-1.8				iSKS	49	27.00	
FBA	69.68	25	eP	35	40.00	-2.4		0.4s		9.80nm			5.5mb				e	50	16.00	
	1.0s		15.00nm			5.0mb	BHD	91.47	304	eP	37	38.00	-0.9				iSP	52	34.00	
MHI	78.70	305	iPc+	36	35.40	0.1				e	48	09.00					iSPP	53	36.00	
			eS	46	39.00					e	48	33.00					eSS	59	34.00	
PHC	79.56	40	eP	36	40.00	0.5	DUG	91.82	48	P	37	41.40	0.7				eSSS	02	36.00	
MBC	79.71	14	iPc	36	38.40	-1.4	IMW	91.99	44	P	37	42.00	0.5	WLF	108.23	333	ePKP	43	13.00	12.4X
	0.6s		35.00nm			5.5mb	MSU	92.80	50	P	37	46.30	1.0	DOU	108.59	334	Pdiff	39	03.00	7.3X
PGC	82.41	42	eP	36	56.00	1.5	NUR	93.21	334	iP	37	45.00	-1.4		Z 19s		2.70um			5.8Msz
GMW	83.04	43	P	36	58.90	1.0		0.8s		14.70nm			5.5mb				PP	43	27.00	
COR	83.22	46	eP	37	08.00	9.2X		Z 18s		6.20um			6.1Msz				SKS	49	39.00	
FHC	83.41	50	P	37	01.00	1.0				ePP	41	28.00		MTD	114.95	257	ePKP	43	16.00	1.4
YKA	84.31	27	eP	37	04.00	0.0				ePPP	43	20.00		KRI	116.83	257	ePKP	43	22.00	3.8X
RSNT	84.32	27	P	37	03.50	-0.5				eSKS	48	16.00		BUL	118.03	254	ePKP	43	21.90	1.5
YKC	84.37	27	eP	37	00.00	-4.3X				ePS	50	08.00		SLR	118.52	247	ePKP	43	10.00	-11.2X
	0.8s		32.00nm			5.6mb				eSS	55	28.00			Z 19s		2.26um			5.8Msz
WDC	84.53	50	eP	37	06.20	0.6				eSSS	58	56.00		BNG	123.58	284	iPKPc	43	31.50	0.4
GAS	84.58	51	P	37	07.00	1.0				LR	23	20.00			0.9s		21.00nm			
ALE	84.61	3	ePc	37	05.00	-0.2	FFC	93.25	32	eP	37	47.00	0.3				id	45	11.20	
	1.2s		132.00nm			6.0mb		1.5s		41.00nm			5.6mb	SDV	139.44	60	e(PKP)	43	54.20	-7.2X
PNT	84.76	41	eP	37	07.00	0.5	BDW	93.30	45	eP	37	47.80	0.2	CAR	141.63	55	ePKP	44	02.00	-3.2X
PCC	85.27	53	e(P)	37	13.10	3.8X		1.1s		10.59nm			5.2mb	PEL	141.89	129	ePKP	44	02.50	-2.6
MIN	85.28	50	eP	37	10.20	0.7	UPP	96.46	336	eP	37	59.00	-2.4	MDZ	143.39	130	ePKP	44	07.40	-0.3
BRK	85.29	52	e(P)	37	11.00	1.6				iS	48	35.00		KIC	144.08	299	ePKP	44	06.90	-2.4
BKS	85.31	52	eP	37	11.10	1.6	RSSD	96.54	42	eP	38	02.40	0.0	ARE	145.12	101	ePKP	44	12.00	0.7
	0.9s		33.00nm			5.5mb		1.1s		18.60nm			5.5mb	ANT	145.18	114	ePKP	44	12.50	1.6
	Z 20s		4.10um			5.8Msz	GOL	97.36	47	eP	38	07.10	0.9	VBA	145.23	142	ePKPc	44	10.80	0.2
	N 20s		2.60um					Z 20s		5.00um			6.0Msz	TPZ	147.18	111	PKP	44	21.90	7.2X
	E 20s		3.40um				GLD	97.45	47	eP	38	09.00	2.5	TCA	147.30	130	ePKPd	44	18.40	4.1X
			e	37	25.10			Z 20s		4.50um			6.0Msz	CYA	147.65	124	iPKPc	44	17.50	2.6X
			eS	47	42.00		GDH	97.75	6	eP+	38	05.00	-2.0	LPB	148.37	102	ePKP	44	19.00	2.2
			eSS	53	22.80			Z 20s		4.61um			6.0Msz		Z 18s		2.75um			6.1Msz
			e(SSS)	56	38.80					eS	48	45.00					LR	03	03.00	
			eLQ	59	20.50		N82	98.09	339	P	38	05.40	-3.4X	CNCB	148.47	102	PKP	44	19.50	2.4
			eLR	03	38.40			1.0s		7.40nm			5.2mb	SLA	149.23	118	ePKPd	44	22.60	4.4X
ORV	85.52	51	eP	37	10.70	0.2	ALQ	98.32	52	eP	38	09.80	-0.7	LPA	149.75	142	ePKP+	44	20.00	2.1
SHI	85.55	299	eP	37	11.00	-0.1		1.0s		6.75nm			5.1mb	YJA	149.94	113	ePKP	44	20.00	0.9
ARN	85.96	53	P	37	11.00	-1.8		Z 18s		4.30um			6.0Msz	ATB	161.40	63	e(PKP)	44	36.00	2.6X
IR5	86.02	305	iPc	37	14.20	0.9	MGI	98.88	306	eP	38	13.00	0.2	SOB1	174.09	60	ePKP	44	42.30	0.1
PRS	86.31	54	e(P)	37	16.00	1.5	JER	99.31	305	eP	38	11.50	-3.4X				e	44	54.00	
MFW	86.33	44	P	37	15.10	0.7	PRNI	99.97	304	eP	38	17.80	-0.1				e	44	57.10	
NEW	86.61	41	eP	37	16.00	0.2	FRB	100.17	14	ePdiff	38	17.00	-0.9				e	45	05.60	
	1.0s		50.00nm			5.7mb	BER	100.56	341	ePdiff	38	25.20	5.5X				e	46	14.00	
	Z 20s		3.00um			5.7Msz		Z 18s		6897.00um			9.2MszX	ITR	175.63	38	ePKP	44	47.10	4.5X
JAS1	86.70	52	eP	37	16.80	0.4	BUC	100.60	320	ePdiff	38	20.00	-0.3		S.D. = 1.3		on 167 of 204 obs			
PRI	86.90	54	e(P)	37	18.70	1.1	COP	101.28	335	ePdiff	38	22.00	-1.0							
YKM	87.36	41	iP	37	20.30	0.8		Z 22s		6.67um			6.1Msz	• MAY 31, 1985 07h 54m 26.27± 0.57s						
FRI	87.46	53	e(P)	37	20.40	0.4				iS	49	03.00		6.890 N ±10.6km 123.627 E ±12.9km						
EDM	87.57	36	ePc	37	20.00	-0.3	SPC	101.53	326	e(Pdif	38	24.30	-0.3	DEPTH = 618.6 ± 8.5 km						
	1.2s		177.00nm			6.2mb				e	42	41.50		4.7mb (5 obs.)						
KEV	87.61	342	iP	37	19.60	-0.6	KDZ	102.41	318	iPdiff	38	29.00	0.5	MINDANAO, PHILIPPINE ISLANDS (259)						
	0.6s		13.00nm			5.4mb	VTS	103.33	319	ePdiff	38	32.00	-0.4							
	Z 16s		5.70um			6.1MszX	SRO	103.37	326	ePdiff	38	34.40	1.9	MAP	3.43	6	eP	55	50.00	0.2
			ePPP	40	48.00			N 20s		5.40um				PPR	5.63	301	iPd	56	05.00	-0.7
			eSKS	47	44.00			E 18s		5.40um					0.9s		532.80nm			5.5mb X
			ePS	49	04.00					e(PP)	42	48.80		KKM	7.41	264	ePd	56	21.80	0.5
			eSS	54	04.00					e(S)	49	14.00			0.4s		31.10nm			4.7mb
			e	57	12.00		MMB	103.50	318	iPdiff	38	33.00	-0.3	CHG	26.78	299	eP	59	22.00	0.8
			LR	21	40.00		BRG	103.76	330	e(Pdif	38	33.00	-1.2	WRA	28.67	159	Pd	59	37.40	-0.1
LHD	87.62	41	eP	37	21.70	1.0		Z 20s		8.00um			6.2Msz		0.5s		35.10nm			5.2mb
LDM	87.72	41	iPd	37	22.90	1.7		N 20s		6.00um				WB2	28.68	159	iPc	59	36.30	-1.2
RXF	87.73	41	eP	37	21.70	0.4		E 20s		4.00um							eS	03	40.50	
CLX	87.91	41	eP	37	23.00	0.7	ZST	103.80	327	e(Pdif	38	35.20	0.7				eScP	05	10.20	
MNA	88.31	51	eP	37	25.20	0.8	CLL	103.93	331	ePdiff	38	34.00	-0.9	ASPA	31.98	162	iPc	00	05.50	0.6
BMN	88.52	49	P	37	25.30	0.0		1.6s		13.00nm			5.5mb	WBN	32.96	175	iPc	00	14.00	0.4
TAB	88.70	309	eP	37	26.00	-0.2		Z 17s		8.00um			6.3MszX	SHL	35.53	305	iP	00	35.50	0.4
VPEM	89.19	53	P	37	28.80	0.2	PRU	104.03	329	ePdiff	38	34.00	-1.4	MRWA	36.64	191	iPc	00	43.40	-0.5
EUR	89.69	50	iP	37	31.50	0.5	MOX	105.03	331	ePdiff	38	38.00	-1.9	NWAO	40.06	188	iPd	01	11.80	0.3
	0.3s		5.77nm			5.3mb		Z 18s		10.60um			6.4Msz	PKI	41.64	304	eP	01	24.70	0.1
KJF	90.10	337	iP	37	31.30	-0.8		N 18s		6.50um					0.6s		16.00nm			4.7mb
	1.0s		34.00nm			5.6mb		E 18s		3.20um				KKN	41.83	304	eP	01	26.00	0.1
	Z 16s		5.70um			6.1MszX				e	42	03.00			0.4s		26.00nm			5.1mb X
			i	37	38.80					ePP	43	06.00		DMN	41.90	304	eP	01	26.90	0.3
			ePPP	43	08.00					eSKS	49	20.00			0.5s		19.00nm			4.8mb X
			eSKS	48	00.00					ePS	52	10.00		STK	42.20	157	eP	01	29.00	0.6
			ePS	49	28.00					eSS	58	10.00		HYB	45.18	288	eP	01	52.00	0.2
			eSS	54	20.00					eSSS	01	35.00			1.0s		25.00nm			4.7mb
			LR	24	20.00		KHC	105.06	329	ePdiff	38	38.50	-1.6	GBA	45.88	282	Pc	01	56.90	-0.2
SDW	90.12	55	P	37	32.50	-0.4	ATH	105.29	315	ePKP	43	02.00	6.5X		0.6s		16.60nm			4.7mb
LRM	90.36	43	eP	37	33.90	-0.1	KMR	105.46	328	ePKP	42	57.00	1.5	YOU	47.17	152	eP	02	16.10	9.4X

31c 08h

CAN	48.32	152	eP	02 07.40	-7.9X
NDI	48.82	302	iPc	02 17.50	-1.6
WAM	48.98	153	eP	02 20.70	0.6

S.D. = 0.7 on 19 of 21 obs.

• MAY 31, 1985 10h 15m 53.47± 2.32s
32.713 N ±1i.8km 142.298 E ± 7.5km
DEPTH = 46.9 ± 19.2 km
4.7mb (15 obs.)
SOUTH OF HONSHU, JAPAN (211)

MAT	5.09	320	iPc	17 09.10	-0.2
			iS	18 05.70	
SHK	8.23	285	eP	17 53.70	0.5
CN2	17.22	315	eP	19 51.00	-1.4
			sP	20 12.00	
SNY	17.43	307	Pc	19 55.20	0.1
SSE	18.00	271	eP	20 05.00	2.8
GUMO	19.18	172	e(P)	20 26.10	9.4X
PJG	19.18	172	e(P)	20 22.90	6.2X
NJ2	19.81	274	Pc	20 22.50	-0.9
BJI	22.22	297	eP	20 47.00	-0.8
WHN	23.87	272	eP	21 03.00	-1.0
TIY	24.85	290	P	21 15.70	2.2
			S	25 37.00	
HHC	25.82	297	eP	21 22.80	0.1
BTO	26.95	296	eP	21 33.20	0.1
			eS	26 12.00	
XAN	27.84	282	P	21 39.40	-1.7
LZH	31.77	287	eP	22 15.00	-1.3
CD2	32.68	277	eP	22 22.60	-1.5
GTA	34.74	293	eP	22 42.20	0.3
WMO	43.57	301	P	23 57.50	2.3
			S	30 25.00	
KKN	49.00	280	eP	24 39.10	0.6
	0 8s		23.00nm	5.3mb	
DMN	49.21	280	eP	24 44.20	4.1X
PMP	51.71	35	P	24 58.00	-0.3
WB2	52.91	189	eP	25 05.80	-2.0
WRA	52.91	189	Pd	25 04.00	-3.8X
	0.6s		2.00nm	4.3mb	
NDI	55.33	184	eP	25 24.50	-1.0
INK	57.93	26	eP	25 42.50	-1.0
			pP	25 53.50	37kmX
MBC	60.47	16	eP	26 00.00	-0.9
GBA	61.71	268	P	26 21.00	10.8X
GBA	61.71	268	P	26 11.00	0.8
	0.5s		6.80nm	5.0mb	
POO	62.37	275	eP	26 16.00	1.4
MHI	66.28	299	eP	26 44.00	4.1X
YKA	67.19	29	eP	26 44.70	-0.4
YKC	67.25	29	eP	26 45.00	-0.5
	0.8s		12.00nm	5.0mb	
KJF	70.72	335	iP	27 18.80	11.9X
	0.6s		11.70nm		
SUF	72.17	334	iP	27 25.40	9.8X
	0.6s		4.40nm	4.6mb	
NEW	72.74	43	P	27 20.00	0.7
	1.0s		5.00nm	4.4mb	
			pP	27 31.00	36kmX
WDC	73.10	52	e(P)	27 21.30	-0.1
			e	27 32.50	
NUR	74.11	333	eP	27 38.00	11.1X
ORV	74.29	53	e(P)	27 28.80	0.4
			e	27 39.60	
SES	75.01	39	eP	27 43.00	10.6X
JAS1	75.84	54	e(P)	27 36.80	-0.5
			e	27 48.60	
BMN	76.68	50	eP	27 42.00	-0.1
	1.0s		2.75nm	4.2mb	
			epP	27 53.00	36kmX
LRM	76.74	44	eP	27 42.40	-0.1
			e	27 54.00	
KRP	76.80	154	P	27 55.00	12.6X
FRI	76.80	55	e(P)	27 42.60	0.0
			e	27 53.70	
FFC	76.95	32	eP	27 43.00	-0.1
	1 4s		13.00nm	4.8mb	
EUR	78.00	51	iP	27 50.00	0.5
	1 0s		2 88nm	4.3mb	
NBC	78.45	338	P	27 50.40	-1.0
	1 1s		13.80nm	4.9mb	
CLC	78 86	55	eP	27 54.00	-0.1
			e	28 05.00	
MNG	79 15	155	P	27 55.30	0.0
SB8	79.31	56	eP	28 08.00	11.4X
BDW	80.17	45	eP	28 01.80	0.5
	1.1s		4.71nm	4.4mb	
			epP	28 12.00	32kmX
TPC	80.86	55	eP	28 05.00	0.2
BAR	81.20	57	eP	28 08.00	1.4
GLA	82.29	56	eP	28 12.00	-0.3
			e	28 24.00	
RSSD	82.56	42	eP	28 15.00	1.2
	1.1s		6.98nm	4.6mb	
			epP	28 27.00	40kmX
RSON	83.27	32	eP	28 28.30	11.4X
	1.0s		6.00nm		
GOL	84.54	46	eP	28 25.50	1.5
	1.0s		5.00nm	4.6mb	
BRG	85.14	330	eP	28 37.80	11.4X
	2.0s		43.00nm		
CLL	85.21	331	eP	28 30.00	3.3X
			e	28 38.00	
			i	28 54.70	
PRU	85.55	329	eP	28 41.50	13.1X
MOX	86.28	331	e(P)	28 45.00	12.9X
ALO	86.81	50	eP	28 34.30	-0.9
	1.3s		11.06nm	4.9mb	
			e	28 45.50	
LTX	92.16	53	eP	29 01.00	0.7
	1.1s		9.41nm	5.1mb	
LPB	148.17	67	PKPd	35 38.30	4.2X
			i	35 50.00	
CNCB	148.42	67	PKP	35 39.00	4.3X
			i	35 50.60	

S.D. = 1.1 on 46 of 65 obs.

? MAY 31, 1985 10h 28m 33.69± 2.33s
26.846 N ±33.5km 139.700 E ±52.1km
DEPTH = 33.0km (normol)
4.1mb (1 obs.)
BONIN ISLANDS REGION (212)

MAT	9.75	353	eP	30 55.00	0.3
YKA	73.41	28	eP	40 03.10	-0.9
YKC	73.47	28	eP	40 03.00	-1.4
LRM	82.56	42	eP	40 56.70	1.7
			e	41 03.00	
NB2	83.01	337	P	40 56.60	-0.1
	0.8s		1.50nm	4.1mb	
FRB	87.00	12	eP	41 17.00	0.4

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

• MAY 31, 1985 10h 40m 37.10± 0.96s
42.307 N ±10.3km 26.073 E ± 7.5km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

JMB	0.41	67	e(P)	40 44.00	-1.5
DIM	0.45	235	e(P)	40 46.00	-0.2
KDZ	0.86	219	iPc	40 53.00	-0.6
			iSg	41 04.00	
PVL	1.07	322	eP	40 58.00	0.8
DMK	1.34	111	iPn	41 03.40	1 5
MMB	1.89	248	iPc	41 12.00	2.2X
VOY	9.51	297	iPgc	43 43.30	46.1X
			iSg	43 44.40	
			i	43 44.50	

S.D. = 1.7 on 5 of 7 obs.

& MAY 31, 1985 11h 30m 30.40s
31.830 N 115.810 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.9 (PAS).

IKP	0.85	343	ePd	30 46.00	-1.3
			eS	30 58.20	
BAR	1.12	319	iPc	30 50.30	-1.5
GLA	1.48	34	iP	30 56.00	-1.6
SLBC	1.70	314	eP	31 00.20	-0.5
			eS	31 20.70	
SDW	2.97	339	eP	31 19.30	0.3
VPEM	4.43	338	e(P)	31 39.50	-0.4
EUR	7.64	359	iP	32 26.00	0.9
	0.2s		1.12nm	4.7mb X	
ALO	8.41	66	eP	32 35.00	-1.0
	8 obs. associated				

• MAY 31, 1985 11h 39m 00.77± 2.36s
66.212 N ±24.2km 149.959 W ±11.2km
DEPTH = 10.0km (geophysicist)
ALASKA (676)

IMA	1.52	266	eP	39 28.10	0.0
COL	1.60	145	iPd	39 29.20	0.1
			i	39 31.60	
			eS	39 52.00	
FBA	1.60	145	eP	39 29.00	-0.1
TTA	4.20	221	eP	40 06.50	0.2
BRW	5.68	337	eP	40 20.30	-6.8X
SVW	5.71	209	eP	40 27.50	-0.1
INK	6.71	64	eP	40 37.00	-4.6X

S.D. = 0.2 on 5 of 7 obs.

MAY 31, 1985 12h 55m 39.03± 0.69s
38.884 N ± 6.0km 25.988 E ± 7.5km
DEPTH = 10.3 ± 4.6 km
AEGEAN SEA (365)
ML 3.4 (ATH).

PRK	0.42	31	iPgc	55 47.50	-0.2
			eSg	55 53.50	
EZN	0.98	15	iPg	55 57.20	-0.3
			iSg	56 11.80	
IZM	1.11	116	iPn	55 59.90	0.0
KGT	1.87	33	iPn	56 10.80	-0.4
ATH	2.00	244	ePn	56 14.00	0.8
			ePg	56 19.00	
			eSg	56 46.00	
EDC	2.06	44	iPn	56 13.20	-0.8
MFT	2.15	27	ePn	56 19.00	3.6X
DST	2.17	70	ePn	56 18.00	2.2
KCT	2.28	53	ePn	56 17.00	-0.3
KDZ	2.80	350	iP	56 25.00	0.4
CTT	2.94	39	iPn	56 26.50	0.0
MMB	3.21	328	i(P)	56 37.00	6.6X
ISK	3.21	46	ePn	56 33.00	2.6X
DMK	3.23	24	iPn	56 29.50	-1.2
PLD	3.36	343	eP	56 42.00	9.4X
GPA	3.62	66	ePn	56 43.50	7.2X
NPS	3.63	185	ePn	56 35.00	-1.4
			ePb	56 41.50	
VTS	4.27	331	eP	56 49.00	3.5X
PVL	4.30	352	eP	56 46.00	0.1

S.D. = 1.1 on 13 of 19 obs.

MAY 31, 1985 13h 19m 19.13± 0.29s
30.084 N ± 6.2km 51.656 E ± 3.9km
DEPTH = 33.0km (normol)
4.7mb (12 obs.) 3.6Msz (1 obs.)
IRAN (348)

SHI	0.87	120	iPc	19 34.50	-0.7
IR5	5.19	350	eP	20 36.20	-0.5
			eS	21 58.00	
TEH	5.64	358	eP	20 44.00	1.0
KER	5.74	319	eP	20 47.00	2.6X
BHD	6.96	299	ePd	21 02.00	0.6
			i	21 34.00	
			e	22 04.00	
			eS	22 57.50	
			i	23 12.50	
			i	23 26.00	
			i	23 34.00	
			i	24 10.50	
			i	24 47.00	
MHI	9.03	45	iPc	21 30.20	-0.1
			eS	23 20.00	
TAB	9.11	332	e(P)	21 54.00	22.6X
MSL	9.49	314	ePc	21 33.00	-3.6X
			iS	23 16.50	
			e	24 47.00	
HRI	13.92	287	eP	22 35.00	-1.4
JER	14.23	281	eP	22 40.00	-0.4
PRNI	14.41	275	eP	22 43.50	0.8
CSS	16.20	292	eP	23 06.00	0.1
ELL	19.31	296	iP	23 44.00	-0.4
GPA	20.15	306	iP	23 53.40	0.0
DST	21.10	303	eP	24 03.00	-0.2
IZM	21.76	299	eP	24 09.90	0.1
EDC	21.91	304	eP	24 09.80	-1.4
NDI	22.31	87	iPc	24 18.00	2.8
KGT	22.35	304	eP	24 16.30	0.8
NPS	22.49	290	eP	24 18.50	1.4
DMK	22.54	308	eP	24 18.40	1.0
PRK	22.73	301	eP	24 21.00	1.7
EZN	22.86	302	eP	24 21.00	0.5
POO	23.22	115	eP	24 32.00	7.7X

KDZ	24.14	306	iPd	24	34.00	1.0
ATH	24.39	296	eP	24	29.50	-6.0X
PVL	24.82	309	eP	24	40.00	0.5
MMB	25.28	305	iPd	24	45.00	1.1
MLR	25.34	315	eP	24	46.00	1.4
CVO	25.36	315	eP	24	46.00	1.3
CMP	25.80	313	ePc	24	50.00	1.2
VTS	25.97	307	eP	24	50.00	-0.3
KZN	26.36	301	eP	24	57.00	3.0X
VLS	26.86	296	eP	24	58.50	-0.1
HYB	27.58	111	eP	25	07.00	1.6
DMN	29.35	86	eP	25	21.20	-0.3
	0.6s	17.00nm			5.0mb	
KKN	29.46	86	eP	25	22.30	-0.2
	0.4s	19.00nm			5.2mb	
PKI	29.62	86	eP	25	23.70	-0.3
	0.9s	41.00nm			5.2mb	
ZST	31.97	314	eP	25	43.90	-0.3
VOY	33.37	309	eP	25	55.30	-1.2
PRU	34.20	316	eP	26	05.00	1.5
KHC	34.49	314	Pd	26	05.30	-0.8
	1.2s	20.00nm			4.9mb	
BRG	34.88	317	e(P)	26	15.00	5.7X
NUR	35.36	337	eP	26	11.00	-2.3
Z	18s	0.10um			3.6Msz	
		e		26	26.00	
		LR		40	30.00	
CLL	35.60	318	eP	26	16.00	0.6
SUF	36.57	341	iP	26	22.10	-1.4
KJF	37.33	343	eP	26	30.00	0.2
		e		26	50.00	
BNG	40.34	237	ePd	26	55.80	0.3
	0.8s	7.00nm			4.5mb	
		ic		27	02.90	
NB2	40.82	331	P	26	54.40	-4.5X
	0.7s	2.50nm			4.1mb	
MLS	42.03	302	eP	27	08.50	-0.6
KEV	42.12	347	eP	27	11.00	1.6
LZH	43.71	68	eP	27	24.00	1.0
CHG	44.21	94	eP	27	27.50	0.4
CHTO	44.21	94	iP	27	27.50	0.4
	1.0s	25.00nm			5.0mb	
KMI	45.24	83	eP	27	36.00	0.4
ESY	45.80	320	ePd	27	38.20	-1.1
EKA	46.00	320	P	27	39.00	-1.9
	0.5s	1.70nm			4.2mb	
EBL	46.01	320	eP	27	40.00	-1.0
	0.7s	13.00nm			5.0mb	
NST	46.58	97	eP	27	46.20	0.3
EAB	46.80	321	eP	27	46.00	-1.2
MTD	50.45	205	eP	28	16.00	0.1
KRI	51.25	207	eP	28	27.00	4.9X
IPM	52.97	109	ePd	28	33.40	-1.6
BUL	54.64	207	eP	28	47.40	0.1
DAG	56.48	345	iPc	28	58.20	-1.6
	0.7s	3.42nm			4.5mb	
KIC	57.88	258	eP	29	10.00	-0.5
TATO	61.27	76	eP	29	39.00	5.4X
ALE	63.39	352	ePd	29	46.80	-0.3
	0.7s	3.00nm			4.5mb	
MBC	73.78	358	eP	30	51.00	-0.3
FRB	75.36	337	eP	31	00.00	-0.6
INK	81.85	2	eP	31	36.00	0.2
MEK	85.28	124	eP	31	52.70	-1.3
YKA	87.09	354	eP	32	03.70	1.3
YKC	87.09	354	eP	32	00.00	-2.4
WRA	93.74	111	Pc	32	33.80	-0.3
	0.4s	0.50nm			4.3mb	
WB2	93.75	111	eP	32	33.50	-0.7
	S.D. = 1.1	on	66 of	76	obs.	

• MAY 31, 1985 14h 53m 35.06± 0.81s
27.924 N ± 8.8km 127.772 E ±10.7km
DEPTH = 13.1 ± 6.9 km
4.0mb (1 obs.)
RYUKYU ISLANDS (238)

NGO	1.34	172	eP	54	00.00	0.7
			iS	54	13.10	
NZJ	1.59	73	eP	54	03.00	0.1
			S	54	21.20	
NAH	1.70	183	eP	54	04.00	-0.5
			eS	54	22.00	
NJ2	8.76	300	eP	55	43.00	-1.2
BJI	15.43	325	eP	57	24.00	10.2X
CN2	15.95	354	Pc	57	28.60	7.9X
XAN	17.27	295	P	57	39.80	2.4
HHC	18.54	318	eP	57	45.80	-7.4X
BTO	19.32	315	eP	58	04.00	1.2
CD2	21.12	284	P	58	20.80	-1.1
LZH	21.82	298	eP	58	29.00	-0.1
KMI	22.56	269	eP	58	36.00	-0.5
GTA	25.83	304	P	59	07.60	-0.3
WRA	48.01	172	Pd	02	10.40	-5.4X
	0.7s	1.10nm			4.0mb	
WB2	48.01	172	eP	02	15.80	0.0
YKA	77.17	25	eP	05	28.90	-0.8
	S.D. = 1.2	on	12 of	16	obs.	

& MAY 31, 1985 15h 07m 27.50s
39.105 N 122.028 W
DEPTH = 10.0km (geophysicist)
NORTHERN CALIFORNIA (36)
<BRK>. ML 2.7 (BRK). Felt (II)
at Williams.

ORV	0.61	42	iPd	07	38.70	-1.1
GAS	0.76	316	P	07	40.70	-1.8
NWRM	0.93	226	P	07	43.40	-1.9
BKS	1.24	188	eP	07	48.30	-2.2
BRK	1.24	188	eP	07	51.50	0.9
MIN	1.28	15	eP	07	49.50	-1.9
WDC	1.52	345	eP	07	50.40	-4.4
PCC	1.63	190	e(P)	07	54.10	-2.2
JAS1	1.72	133	eP	07	56.80	-0.9
			iS	08	21.20	
WCN	1.78	83	P	07	59.00	0.4
MHC	1.79	170	e(P)	07	56.80	-1.9
ARN	1.80	167	P	07	56.90	-1.9
SLD	2.12	162	P	08	01.00	-2.5
SAO	2.38	169	e(P)	08	04.90	-2.3
FRI	2.79	138	e(P)	08	14.90	1.8
	15 obs.	associated				

• MAY 31, 1985 15h 17m 10.89± 0.98s
23.985 N ± 9.0km 122.584 E ±11.2km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
TAIWAN REGION (243)

TWD	0.91	276	iP	17	26.00	-1.3
TWC	0.91	313	iPd	17	27.00	-0.4
TWF1	1.34	242	iPd	17	32.50	-0.9
TATO	1.40	315	iP	17	35.40	1.1
			eS	17	56.00	
TWZ	1.44	321	iPc	17	36.20	1.4
ANP	1.54	321	iPc	17	38.20	1.8
	0.8s	1432.84nm				
			eS	17	55.20	
TWO	1.62	281	iPd	17	38.50	0.9
QZH	3.76	286	Pnc	18	06.20	-1.8
SSE	7.19	350	Pnc	18	55.50	-0.9
NJ2	8.68	339	ePn	19	16.00	-1.2
XAN	15.58	313	eP	20	52.40	2.7
BJI	16.90	343	eP	21	11.00	4.7X
CD2	18.07	297	Pd	21	20.80	-0.3
BTO	19.64	330	eP	21	40.00	0.1
CN2	19.91	6	Pc	21	41.40	-1.1
WRA	45.14	164	Pc	25	27.40	1.1
	0.8s	3.50nm			4.3mb	
WB2	45.14	164	eP	25	27.20	0.9
NB2	78.99	333	P	29	10.60	-2.2
	0.9s	2.00nm			4.1mb	
	S.D. = 1.5	on	17 of	18	obs.	

% MAY 31, 1985 15h 26m 53.04± 0.73s
40.072 N ± 6.0km 28.907 E ± 5.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KCT	0.46	293	iPg	27	02.90	0.5
			Sg	27	09.40	
DST	0.51	205	iPg	27	03.00	-0.5
EDC	0.85	289	iPg	27	08.30	-1.0
			iSg	27	22.80	
ISK	1.00	7	iPg	27	11.70	-0.2
			iSg	27	25.20	
GPA	1.10	78	iPn	27	14.10	0.4
CTT	1.13	341	iPn	27	14.70	0.4
KGT	1.28	288	iPn	27	17.70	0.8
MFT	1.43	300	iPn	27	19.20	0.1
DMK	1.95	334	ePn	27	25.40	-1.1
EZN	2.00	264	ePn	27	27.80	0.6
IZM	2.10	218	ePn	27	34.40	5.6X
	S.D. = 0.8	on	10 of	11	obs.	

MAY 31, 1985 15h 35m 06.08± 0.37s
43.294 N ± 4.8km 21.048 E ± 3.3km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.3 (TTG).

IVA	0.94	244	iPgd	3	23.50	-0.6
			iSg	35	36.50	
PVY	1.05	229	ePg	35	25.70	-0.3
			eSg	35	39.40	
PLE	1.21	272	iPgd	35	28.10	-0.6
			eSg	35	46.50	
TTG	1.57	237	ePg	35	34.50	0.5
			eSg	35	55.20	
VTS	1.73	113	iPd	35	37.00	0.7
BRY	1.88	259	ePn	35	39.00	0.4
			eSn	36	06.00	
ULC	1.88	226	ePn	35	39.50	1.0
			eSn	36	06.00	
BDV	1.92	239	ePn	35	41.00	1.8X
			eSn	36	07.00	
KNT	2.54	147	eP	35	48.00	0.1
GRG	2.54	156	eP	35	48.40	0.3
MMB	2.61	130	iPc	35	50.00	0.9
SRS	2.88	138	eP	35	52.60	-0.3
DEV	2.91	26	ePd	3	00.00	6.8X
PLD	2.94	113	eP	36	02.00	8.3X
PVL	3.02	91	iPc	35	55.00	0.2
THE	3.02	151	eP	35	55.50	0.7
LIT	3.37	161	eP	35	59.40	-0.4
KDZ	3.59	116	iP	36	10.00	7.1X
OUR	3.68	142	eP	36	03.70	-0.5
BRT	3.74	231	ePn	36	18.00	12.9X
PAIG	3.90	149	eP	36	06.90	-0.4
MLR	4.14	56	eP	36	14.00	3.2X
CVO	4.45	54	eP	36	30.00	14.8X
ORI	4.73	228	e(Pn)	36	36.00	16.9X
DUI	5.14	254	ePn	36	33.00	8.1X
PSN	5.21	83	eP	36	41.00	15.2X
MFT	5.27	116	ePn	36	26.00	-0.9
CEY	5.33	300	e(Pn)	36	27.70	0.1
			e(Sn)	37	27.50	
LJU	5.40	303	e(Pn)	36	25.20	-3.4X
			eSn	37	26.00	
KGT	5.47	119	iPn	36	28.70	-0.8
TRI	5.74	297	eP	37	31.10	57.7X
			e	38	15.70	
VOY	5.79	301	ePn	36	32.50	-1.7
			e(Sn)	37	34.50	
SPC	5.92	355	eP	37	01.00	24.9X
KBA	6.63	307	iPnc	36	47.20	1.1
			iSg	37	56.40	
CTI	7.24	296	e(Pn)	36	55.00	0.4
KHC	7.80	321	eP	37	02.50	0.1
			e	38	28.80	
	S.D. = 0.7	on	23 of	36	obs	

? MAY 31, 1985 15h 39m 04.93± 6.51s
31.187 S ±46.2km 71.035 W ±41.8km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

JACH	1.54	166	iP	39	30.50	0.1
ROCH	1.78	179	eP	39	32.50	-1.6
			iS	40	08.50	
PEL	1.97	171	iPc	39	35.90	-0.8
			iS	40	19.60	
ZON	2.05	101	eP	39	39.00	1.2
RTLL	2.20	94	ePc	39	38.20	-1.7
BACH	2.21	168	eP	39	40.00	0.0
RTCV	2.24	108	eP	39	41.20	0.8
			S	40	25.80	
SAN	2.28	172	iPd	39	46.90	5.8X
PCH	2.47	170	iP	39	44.50	0.7
MDZ	2.51	133	eP	39	52.10	7.7X
			eS	40	38.60	
CHCH	2.76	173	iPc	39	46.50	-1.3
LNV	2.78	186	iPc	39	50.30	2.3
			i	40	24.20	
RFA	4.18	150	ePc	40	08.40	0.4
CYA	5.31	60	iPc	40	13.00	-11.0X
			(S)	41	25.00	
TCA	5.52	93	iPd	40	21.00	-6.0X
			S	41	36.00	
SLA	8.09	39	e(P)	40	54.00	-9.1X

31d 15h

S.D. = 1.4 on 11 of 16 obs.

? MAY 31, 1985 18h 16m 02.18± 7.01s
33.898 S ±20.0km 71.940 W ±55.9km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.44	98	iPc	16	10.90	-1.0
			iS	16	19.90	
TACH	0.87	74	iPc	16	17.50	-0.5
			iS	16	32.00	
CHCH	1.07	92	iPd	16	20.70	-0.3
SAN	1.15	68	iPc	16	22.40	0.3
			iS	16	36.10	
ROCH	1.21	40	iPc	16	22.70	-0.3
			iS	16	41.00	
PCH	1.22	77	eP	16	23.00	-0.1
PEL	1.29	55	iPc	16	24.80	0.7
			iS	16	37.00	
BACH	1.33	66	iPc	16	25.40	0.8
JACH	1.66	43	iPc	16	29.00	-0.4
MDZ	2.78	69	eP	16	55.50	10.2X
			eS	17	35.20	
RFA	3.00	108	ePd	16	49.40	0.8
TCA	6.70	70	e(P)	17	38.20	-2.8X

S.D. = 0.7 on 10 of 12 obs.

% MAY 31, 1985 18h 16m 30.13± 0.96s
60.804 N ± 6.8km 5.008 E ±11.9km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.8 (BER).

SUE	0.28	335	iPg	16	36.30	0.3
			iSg	16	41.50	
ASK	0.34	164	iPg	16	36.50	-0.6
HYA	0.68	57	iPg	16	43.00	-0.6
			eSg	16	52.40	
ODD	1.19	135	ePn	16	53.50	1.2
			eSn	17	10.00	
KMY	1.60	176	ePn	16	58.20	-0.3
			eSn	17	18.00	

S.D = 1.0 on 5 of 5 obs.

MAY 31, 1985 18h 55m 28.08± 0.57s
38.219 N ± 5.2km 23.201 E ± 5.9km
DEPTH = 10.0km (geophysicist)
3.9mb (1 obs.)
GREECE (364)
ML 3.8 (ATH).

ATH	0.48	121	iPgc	55	37.50	-0.2
			eSg	55	44.50	
PAIG	1.75	12	ePb	55	58.70	0.1
LIT	1.96	344	ePb	56	01.30	-0.4
VLS	2.06	270	ePn	56	03.50	0.4
			ePg	56	09.00	
OUR	2.20	16	ePn	56	05.10	0.0
			eSn	56	33.20	
KZN	2.36	332	ePn	56	07.20	-0.4
			ePb	56	10.50	
			ePg	56	14.00	
PRK	2.61	66	ePn	56	11.80	0.8
GRG	2.80	348	ePn	56	13.10	-0.7
SRS	2.91	6	ePn	56	15.00	-0.3
			eSn	56	50.30	
EZN	2.92	56	ePn	56	21.80	6.5X
KNT	2.95	356	ePn	56	15.90	0.1
IZM	3.20	86	ePn	56	27.00	7.6X
MMB	3.39	7	iPc	56	21.00	-1.1
NPS	3.53	146	ePn	56	23.50	-0.6
KDZ	3.80	25	iPc	56	29.00	1.1
VTS	4.38	360	eP	56	36.00	0.0
			iS	57	27.00	
EKA	24 65	223	P	00	51.00	1.2
	0 9s		2.60nm			3.9mb

S.D. = 0.7 on 15 of 17 obs.

? MAY 31, 1985 19h 10m 35.33± 1.09s
12.142 N ±17.8km 144.403 E ±35.3km
DEPTH = 33.0km (normal)
SOUTH OF MARIANA ISLANDS (210)

GUA	1.47	20	eP	11	00.30	0.5
GUMO	1.51	17	eP	11	00.50	0.2
			eS	11	18.20	
PJG	1.51	17	eP	11	00.10	-0.2
WB2	33.38	197	eP	17	13.70	0.7
BJI	37.31	323	eP	17	50.50	4.3X
GBA	65.11	279	P	21	16.00	0.5
	0.8s		13.10nm			5.1mb X
KIC	144.23	299	ePKP	30	09.00	-1.6

S.D. = 1.1 on 6 of 7 obs.

• MAY 31, 1985 19h 42m 47.54± 0.48s
19.999 S ±14.2km 173.725 W ±10.0km
DEPTH = 33.0km (normal)
4.9mb (9 obs.) 4.5Msz (1 obs.)
TONGA ISLANDS (173)

SGE	8.27	285	ePd	44	55.00	6.8X
RAR	13.12	98	P	45	43.00	-11.2X
			S	46	56.00	
NOU	18.63	259	iPc	47	05.00	0.3
MSZ	28.95	208	eP	48	51.90	6.0X
CTA	37.53	263	iPd	50	00.50	-0.1
	1.1s		37.34nm			5.2mb
			iS	56	16.00	
PMG	39.18	280	e(P)	50	14.00	-0.4
TOO	39.45	235	eP	50	16.00	-0.5
LAT	40.33	284	e(P)	50	24.00	0.1
JAY	47.74	285	ePc	51	24.00	0.3
ASPA	48.54	256	eP	51	28.00	-1.8
WB2	48.63	261	eP	51	28.60	-1.9
W8N	54.87	252	eP	52	16.00	-1.4
SBA	58.67	185	eP	52	45.10	1.5
MBL	61.78	256	eP	53	04.00	-1.8
NWAO	62.17	243	eP	53	08.00	-0.3
MUN	63.15	244	eP	53	14.00	-0.7
MRWA	63.74	247	eP	53	18.00	-0.6
SPA	70.13	180	e(P)	53	59.30	0.7
MAT	72.27	321	eP	54	12.00	0.3
	1.1s		20.25nm			5.0mb
JAS1	76.33	41	eP	54	34.20	-0.9
BMN	79.83	40	eP	54	54.10	-0.4
	1.0s		2.75nm			4.2mb
MSU	81.91	44	P	55	06.00	0.4
LTX	83.43	56	eP	55	13.90	0.4
	1.0s		2.40nm			4.3mb
TTA	83.82	8	P	55	15.00	0.3
ALQ	83.99	50	eP	55	15.50	-0.8
	1.0s		12.50nm			5.0mb
KGM	84.07	274	ePd	55	18.90	2.0
BDW	85.88	42	eP	55	25.00	-0.6
	1.0s		5.60nm			4.7mb
COL	86.95	11	eP	55	29.00	-1.0
	1.1s		18.35nm			5.2mb
IPM	87.10	276	ePc	55	34.40	2.5
BJI	88.40	314	eP	55	39.00	1.5
PSI	88.42	273	eP	55	40.00	1.8
EDM	89.55	32	eP	55	42.50	-0.2
RSSD	90.04	42	eP	55	44.30	-1.2
	1.0s		5.00nm			4.7mb
BDT	93.29	287	eP	56	03.00	2.4
CHTO	93.87	288	eP	56	06.50	3.2X
	1.0s		5.00nm			4.9mb
	Z 20s		0.17um			4.5Msz
RSCP	99.91	56	eP	56	09.30	-21.3X
WIT	147.25	360	ePKP	02	30.00	3.6X
WTS	148.06	359	ePKP	02	32.50	4.7X
	1.0s		24.00nm			
KSP	148.22	348	ePKPc	02	32.50	4.4X
CLL	148.31	352	ePKP	02	32.00	3.8X
BRG	148.60	351	ePKP	02	33.10	4.4X
	1.0s		20.00nm			
			e	02	51.80	
SPC	148.80	342	ePKP	02	34.60	5.2X
MOX	149.13	353	iPKPd	02	35.00	5.4X
	1.4s		26.00nm			
VRI	149.19	332	ePKP	02	34.00	4.1X
ENN	149.30	0	ePKP	02	34.50	4.7X
	1.0s		19.00nm			
JOS	149.33	341	ePKPc	02	35.60	5.6X
	1.4s		23.10nm			
PRU	149.36	350	PKP	02	35.30	5.3X
	1.2s		19.20nm			
HOF	149.43	353	ePKP	02	35.30	5.2X
	1.2s		31.00nm			
MEM	149.45	0	PKP	02	35.10	5.1X
MLR	149.83	332	ePKP	02	36.00	5.0X
DOU	149.94	2	PKPd	02	36.90	6.1X
GRF	150.11	354	iPKPc	02	37.30	6.2X
PSN	150.11	327	e(PKP)	02	38.00	6.8X
KHC	150.35	350	iPKPc	02	38.00	6.5X
	1.1s		28.50nm			
WLF	150.40	0	PKPd	02	38.00	6.5X
ZST	150.54	345	ePKP	02	38.50	6.7X
SRO	150.58	343	ePKP	02	37.50	5.7X
FLN	150.79	9	ePKP	02	37.70	5.6X
LDF	151.01	9	ePKP	02	38.40	5.9X
GWF	151.07	358	ePKP	02	38.90	6.3X
GRR	151.10	10	ePKP	02	38.80	6.2X
LPF	151.41	10	ePKP	02	39.60	6.5X
JER	151.55	300	ePKP	02	38.00	4.1X
CDF	151.64	359	ePKP	02	40.50	6.9X
JMB	151.80	327	e(PKP)	02	40.00	6.2X
HAU	152.06	360	ePKP	02	41.20	7.1X
BSF	152.23	359	ePKP	02	41.70	7.2X
KBA	152.38	350	e(PKP)	02	37.50	2.7X
	1.0s		4.20nm			
			i	02	41.50	
GRC	152.65	5	iPKPc	02	42.80	7.9X
LOR	152.73	4	ePKP	02	42.60	7.6X
SSF	152.91	4	ePKP	02	43.40	8.1X
LBF	153.02	3	ePKP	02	43.30	7.8X
KDZ	153.03	327	iPKPd	02	44.00	8.4X
LJU	153.15	347	e(PKP)	02	36.50	0.9X
AVF	153.17	4	ePKP	02	43.60	8.0X
VOY	153.29	348	e(PKP)	02	36.00	0.0X
VTS	153.33	331	i(PKP)	02	45.00	9.1X
SMF	153.35	4	ePKP	02	44.10	8.2X
BGF	153.36	5	ePKP	02	43.90	8.0X
LSF	153.53	7	ePKP	02	43.80	7.6X
TCF	153.57	6	ePKP	02	44.20	7.9X
MZF	153.68	6	ePKP	02	44.70	8.3X

S.D. = 1.2 on 31 of 82 obs.

? MAY 31, 1985 20h 16m 34.72± 1.08s
54.245 S ±27.1km 135.978 W ±23.2km
DEPTH = 10.0km (geophysicist)
4.8mb (1 obs.)
SOUTH PACIFIC CORDILLERA (691)

SBA	30.85	200	eP	22	52.90	0.4
SPA	35.94	180	eP	23	36.00	-1.0
	1.1s		16.07nm			4.8mb
TPZ	59.61	85	eP	26	59.00	17.5X
CNCB	63.68	82	eP	27	08.00	-1.1
LPB	63.84	82	eP	27	09.00	-0.9
			LR	47	00.00	
CTA	66.84	268	eP	27	36.00	7.2X
WB2	73.88	258	eP	28	10.70	-0.8
BAO	76.31	98	e(P)	28	27.10	1.5
BNG	126.19	148	ePKPc	35	41.00	1.9
	0.8s		7.00nm			
			id	35	44.10	
TOL	144.97	94	ePKP	36	13.00	0.0

S.D. = 1.4 on 8 of 10 obs.

& MAY 31, 1985 20h 26m 56.60s
35.930 N 118.310 W
DEPTH = 6.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.2 (PAS).

WKTM	0.17	218	iP	27	00.10	-0.2
ISA	0.30	207	iPc	27	02.40	-0.3
VPEM	0.40	87	iPc	27	04.10	-0.6
CLC	0.59	101	iPc	27	07.50	-0.9
SDW	1.66	142	eP	27	27.00	0.5

5 obs. associated

% MAY 31, 1985 20h 34m 44.35± 0.77s
39.091 N ± 6.4km 28.152 E ± 8.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.63	36	iPg	34	57.90	0.8
			iSg	35	05.90	
IZM	0.98	225	iPg	35	03.40	0.4
			iSg	35	17.90	
EDC	1.27	350	iPn	35	07.30	-0.7
KGT	1.51	335	iPn	35	11.10	-0.3
EZN	1.59	298	ePn	35	12.90	0.3
ELL	2.72	149	ePn	35	28.50	-0.5

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

• MAY 31, 1985 21h 06m 35.14± 0.98s
15.811 S ± 9.6km 178.876 E ±14.2km
DEPTH = 33.0km (normal)
FIJI ISLANDS (182)

MBU	1.17	187	iP	06 59.00	3.8X	
YSA	1.53	235	iPc	06 59.00	-1.4	
KRO	1.57	162	iPc	07 00.50	-0.6	
SGE	1.99	207	iP	07 06.30	-0.9	
VUN	2.22	190	eP	07 11.00	0.6	
SVA	2.33	190	iPd	07 12.00	0.1	
			eS	07 40.00		
NMS	2.36	197	iP	07 12.40	-0.1	
NDF	2.37	215	iPc	07 13.00	0.5	
			eS	07 42.00		
NGA	2.52	200	eP	07 14.70	0.1	
WB2	42.48	258	eP	14 30.50	1.3	
SBA	62.36	183	e(P)	16 57.30	1.0	
COL	84.37	14	eP	19 03.00	-1.9	
KHC	144.66	343	PKP	26 11.50	1.4	
			e	26 17.70		
LJU	147.13	340	e(PKP)	26 19.20	5.0X	

S.D. = 1.2 on 12 of 14 obs.

• MAY 31, 1985 21h 06m 51.93± 1.10s
27.543 N ±10.1km 127.761 E ±10.8km
DEPTH = 69.6 ± 14.7 km
4.7mb (1 obs.)
RYUKYU ISLANDS (238)

NGO	0.96	169	eP	07 09.00	-1.2	
			IS	07 24.50		
NJ2	8.95	302	Pc	08 54.50	-6.3X	
MAT	12.60	42	eP	09 52.00	2.0	
BJI	15.73	325	eP	10 31.50	0.9	
CN2	16.33	354	eP	10 38.50	0.4	
MDJ	17.10	4	eP	10 47.10	-0.6	
XAN	17.42	296	eP	10 51.40	-0.4	
HHC	18.82	319	eP	11 04.20	-4.6X	
GYA	18.83	272	eP	11 10.40	1.3	
CD2	21.21	285	Pc	11 32.70	-1.1	
LZH	22.00	299	eP	11 41.00	-0.8	
KMI	22.54	270	Pc	11 48.50	1.2	
GTA	26.04	304	P	12 19.50	-0.9	
IPM	34.21	233	ePc	13 35.20	2.2	
WMQ	35.98	308	eP	13 46.30	-1.6	
PKI	37.41	280	eP	14 00.50	0.1	
KKN	37.49	281	eP	14 01.00	0.1	
	0.8s		8.00nm		4.7mb	
YKA	77.52	25	eP	18 41.20	-0.1	
YKC	77.58	25	eP	18 40.00	-1.6	

S.D. = 1.3 on 17 of 19 obs.

• MAY 31, 1985 21h 18m 03.78± 0.95s
8.654 S ±13.1km 147.876 E ±14.1km
DEPTH = 110.1 ± 11.5 km
EAST PAPUA NEW GUINEA REGION (207)

LMG	0.37	133	iPd	18 19.90	-0.4	
PMG	1.03	223	iPd	18 26.80	1.2	
LAT	2.17	336	iPc	18 39.00	-0.4	
ALOA	2.96	124	eP	18 50.00	0.0	
CTA	11.47	188	iPc	20 48.80	3.3X	
WB2	17.24	228	eP	21 57.80	-1.4	
HYB	73.21	291	eP	29 26.00	1.0	
EUR	100.18	51	iPdiff	31 33.80	-5.3X	

S.D. = 1.5 on 6 of 8 obs.

• MAY 31, 1985 22h 38m 25.17± 0.66s
42.257 N ±14.1km 80.619 E ± 8.8km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
KIRGHIZ-XINJIANG BORDER REGION (320)

KSH	4.50	233	ePn	39 41.00	8.1X	
			Sn	40 39.00		
WMQ	5.42	71	ePn	39 45.80	0.0	
			Sg	41 08.40		
NDI	13.82	193	eP	41 31.00	-10.0X	
			eS	43 54.00		
GTA	14.81	95	P	41 55.20	1.2	
MHI	17.39	257	eP	42 27.00	0.1	
CD2	21.69	114	eP	43 13.60	-1.5	
XAN	23.64	101	eP	43 30.00	-4.2X	
HYB	24.82	185	eP	43 46.00	0.3	
GYA	26.51	118	eP	44 01.20	-0.4	
KJF	37.03	325	eP	45 37.00	3.8X	
SUF	37.49	322	eP	45 39.00	1.9	
NUR	38.02	318	eP	45 47.00	5.5X	
NB2	44.57	320	P	46 34.60	-0.8	
	0.7s		2.50nm		4.2mb	
KHC	45.94	303	P	46 43.90	-2.6	
MBC	61.09	5	eP	48 38.00	0.4	
BNG	66.54	254	ePc	49 15.60	1.4	
	0.5s		3.00nm		4.6mb	

S.D. = 1.5 on 11 of 16 obs.

? MAY 31, 1985 23h 39m 04.37± 2.34s
52.179 N ±41.2km 172.032 E ±13.8km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
NEAR ISLANDS, ALEUTIAN ISLANDS (5)

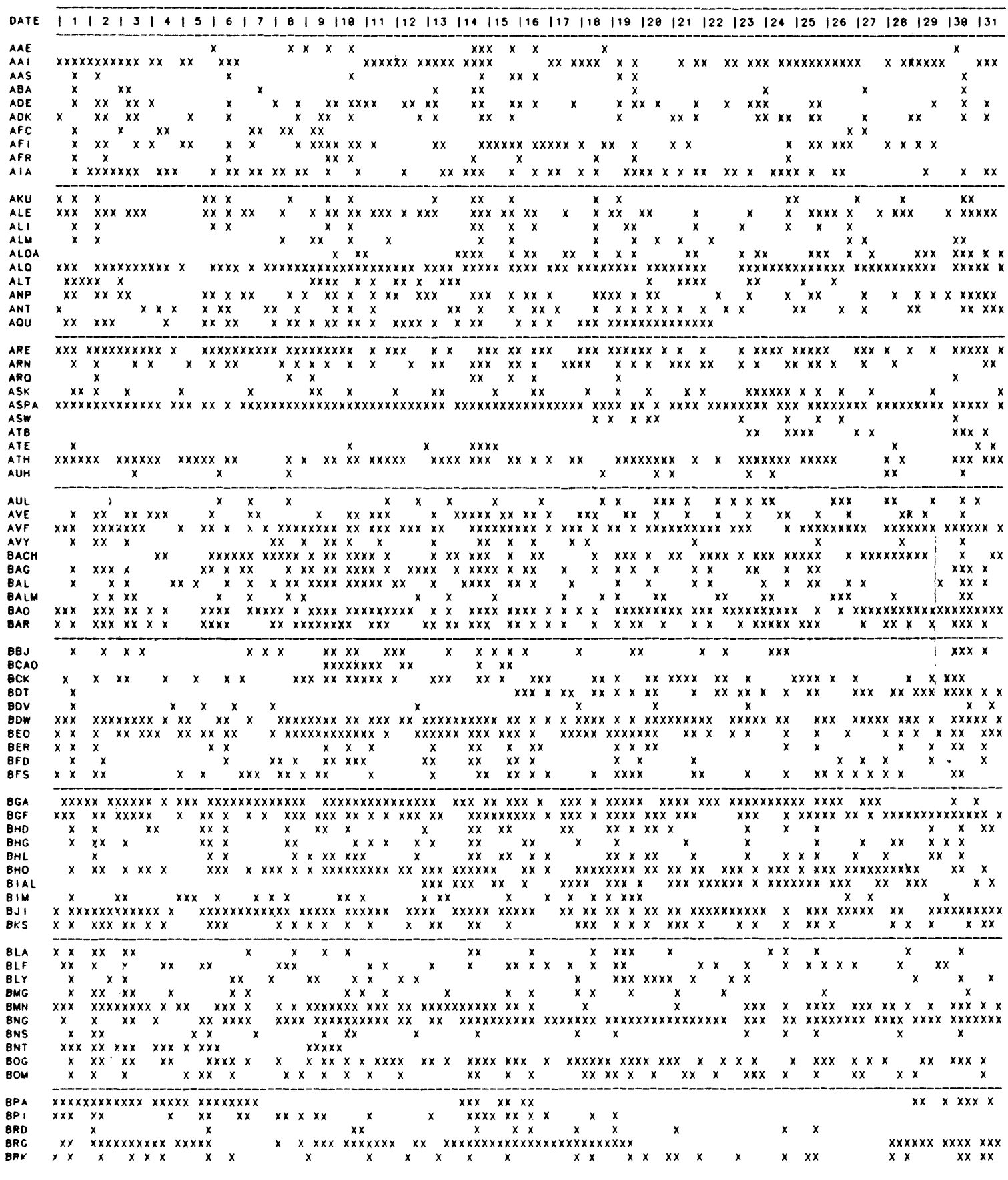
SMY	1.38	66	eP	39 28.00	0.5	
TTA	20.01	45	eP	43 35.70	-1.1	
COL	24.03	43	iP	44 17.40	0.6	
	0.8s		8.58nm		4.3mb	
YKA	38.77	45	eP	46 27.60	0.7	
YKC	38.83	45	eP	46 28.00	0.6	
NEW	43.85	66	eP	47 08.00	-0.8	
HPI	48.77	69	eP	47 49.50	1.4	
BDW	51.37	67	eP	48 06.50	-1.4	
FRB	55.17	28	eP	48 34.00	-1.4	
KJF	60.69	343	eP	49 21.00	6.9X	
SUF	62.33	343	iP	49 25.60	0.4	
	0.6s		2.80nm		4.6mb	
NUR	64.65	343	eP	49 41.00	0.5	
NB2	66.09	350	P	49 48.40	-1.4	
	0.7s		2.60nm		4.4mb	
EKA	72.78	357	P	50 32.00	1.2	
	0.7s		1.30nm		4.0mb	
KHC	77.41	346	eP	51 03.10	5.7X	

S.D. = 1.1 on 13 of 15 obs.

STATION DATA REPORT FOR MAY, 1985

1006 stations reported 57761 reading arrival groups

X = data received for this 6-hour time period




DATE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31
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CFA
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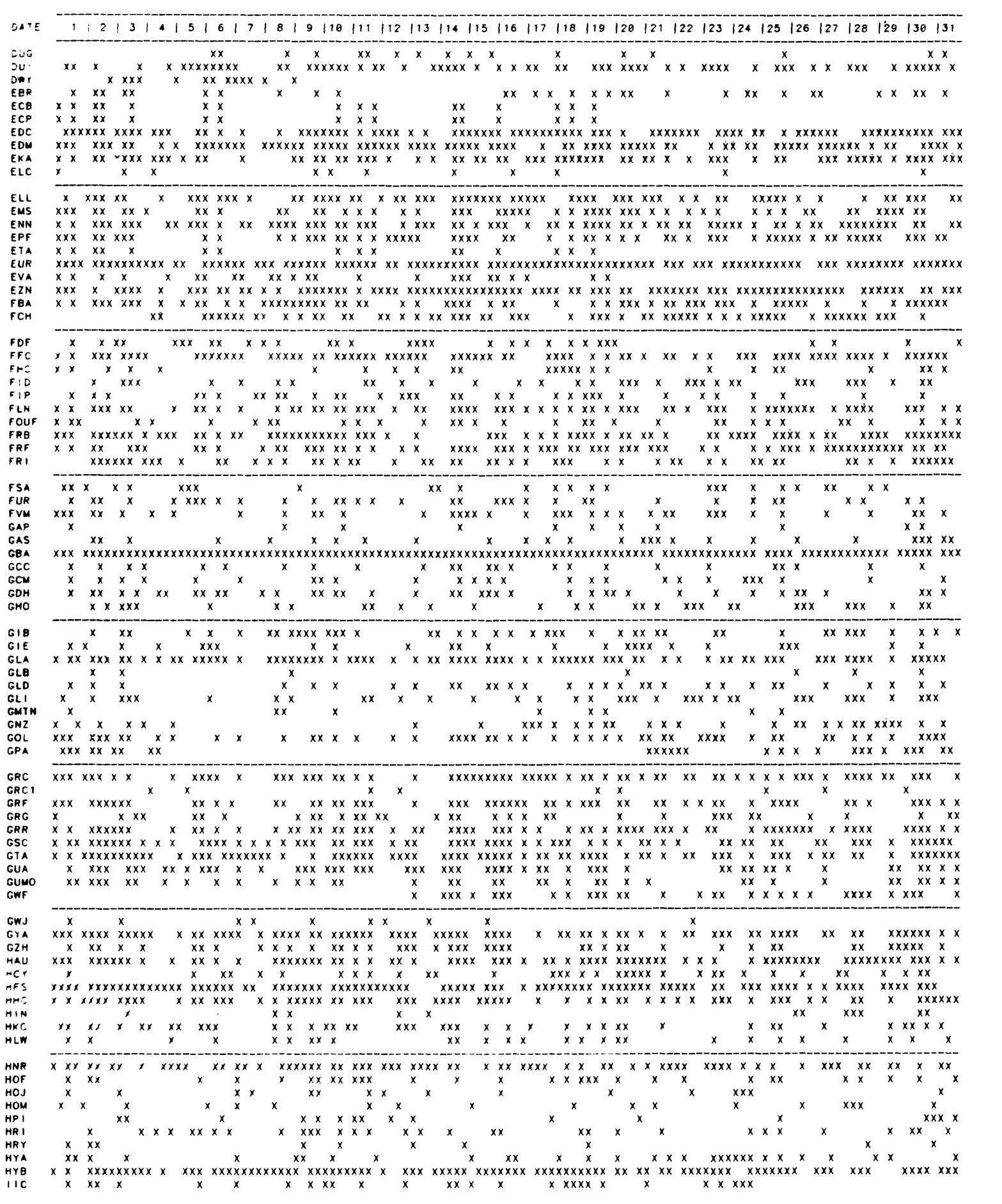
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GWJ
GYA
GZH
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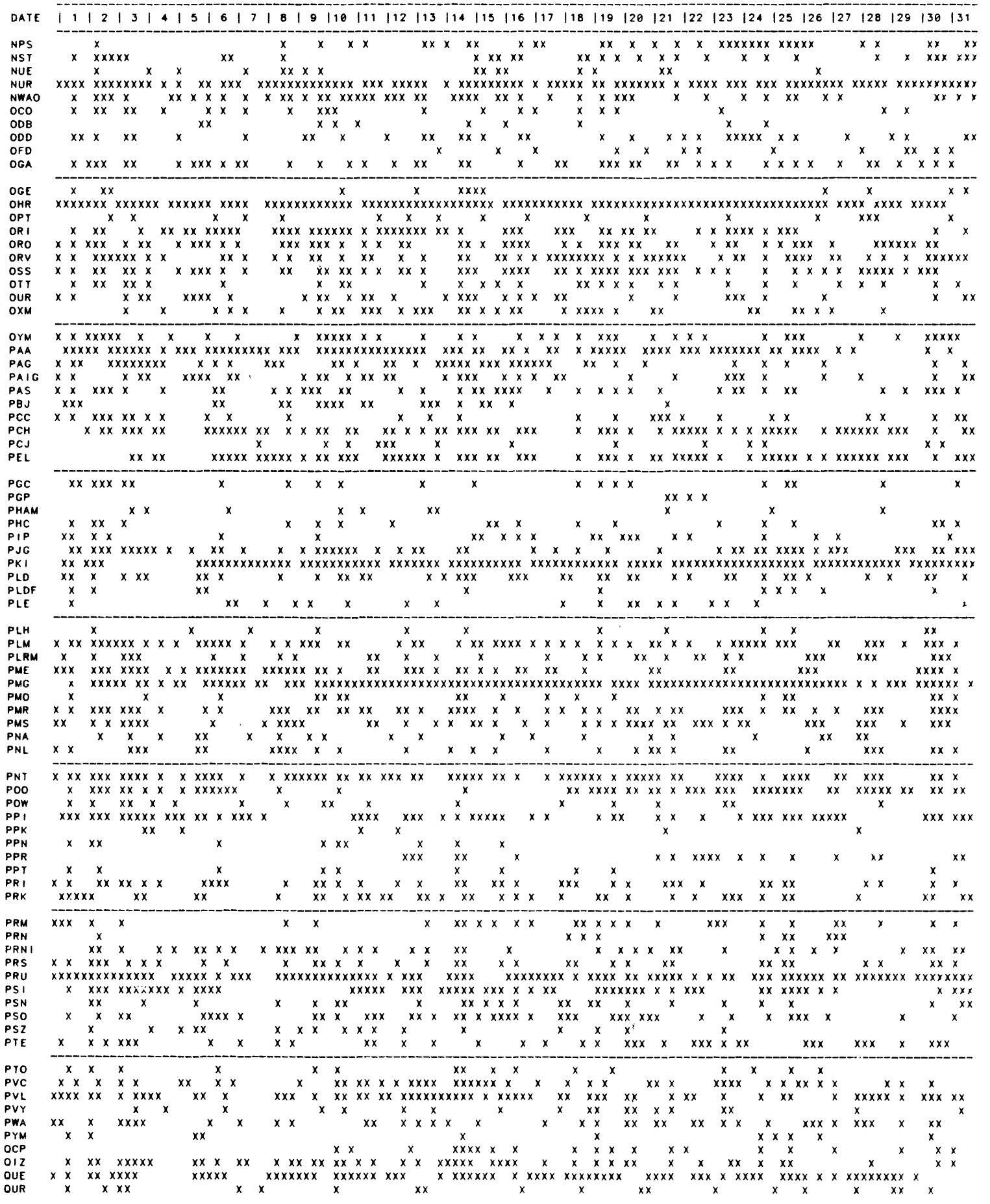
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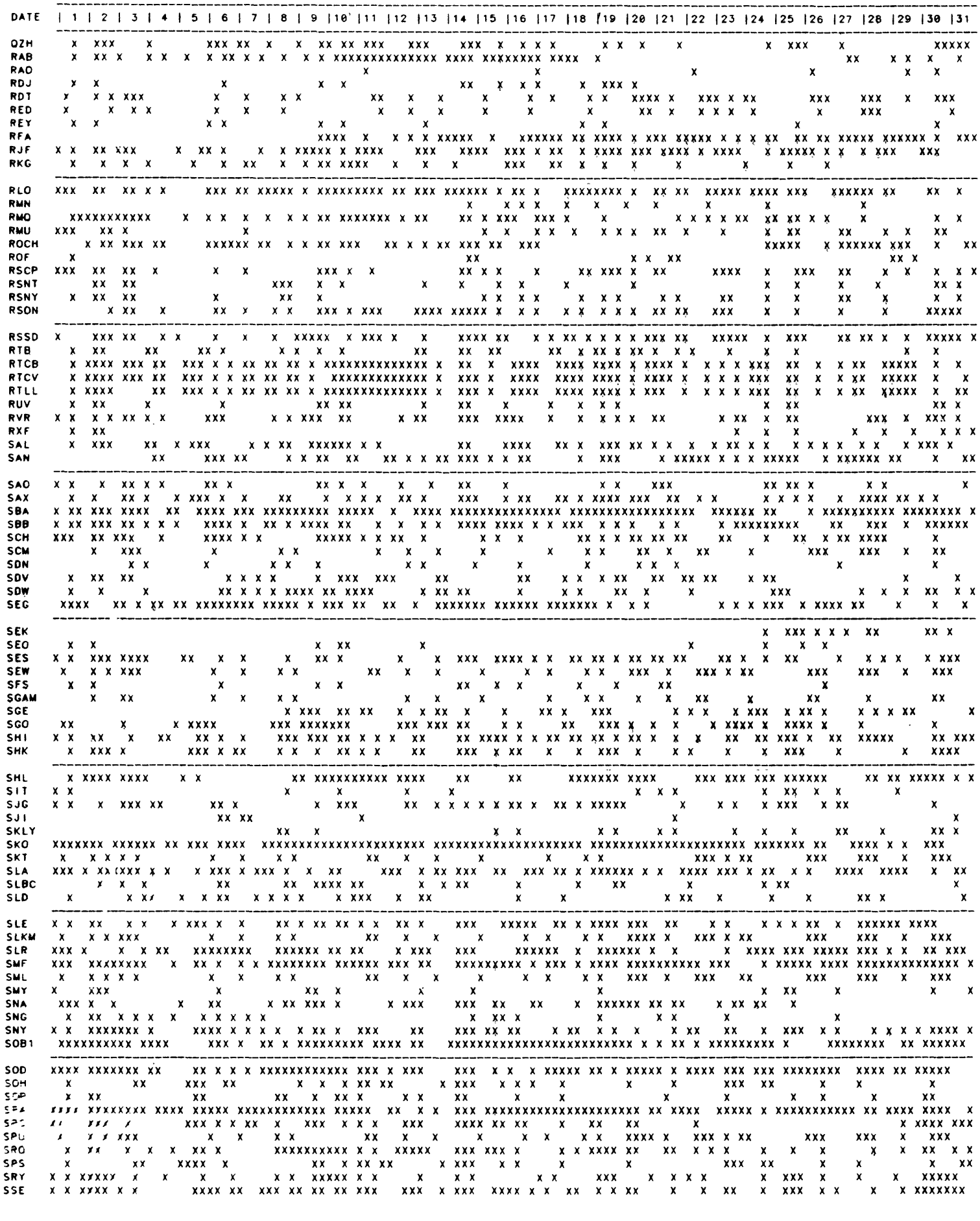
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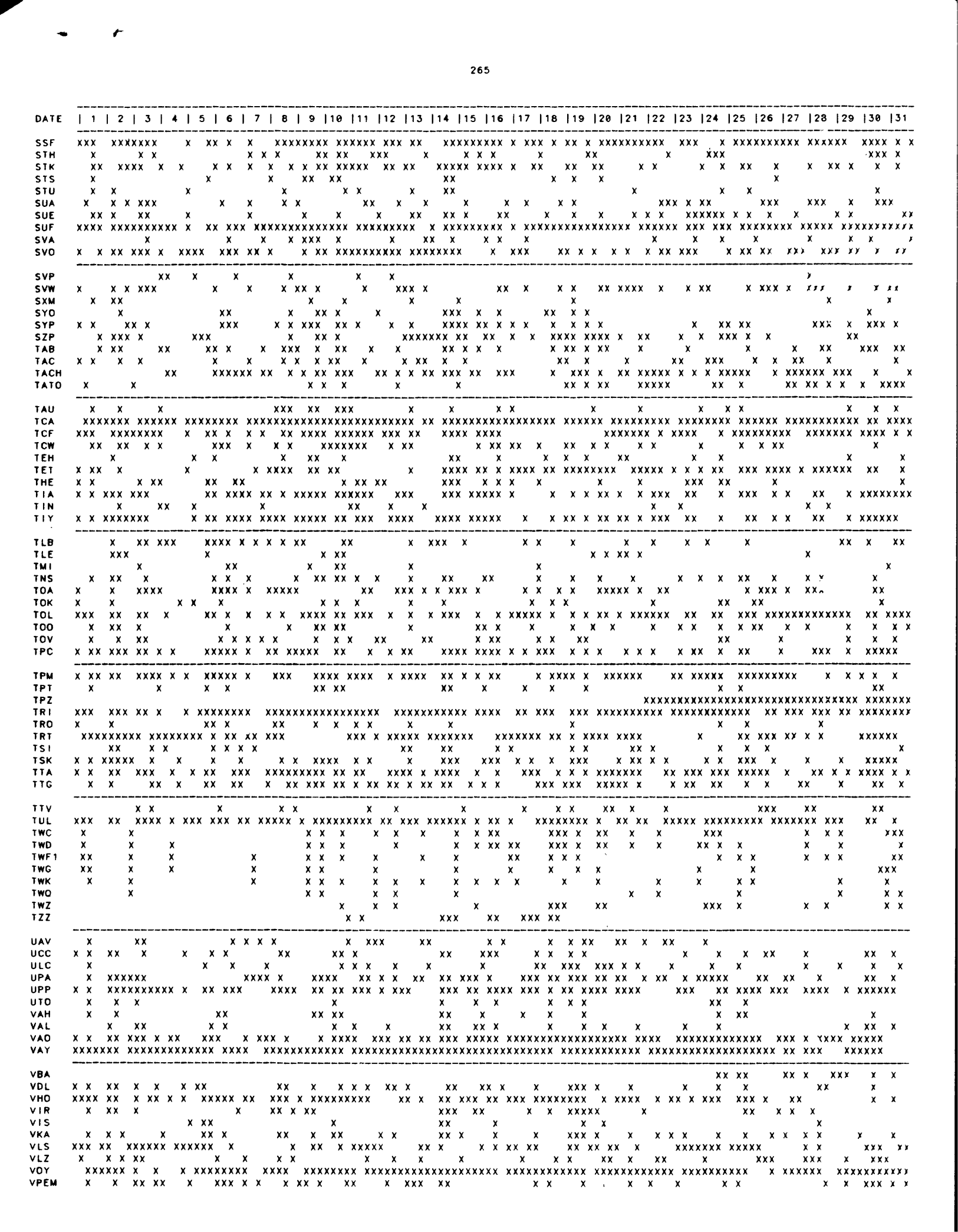
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VRI   X X  XX  XXX         X  XXX  X  XX       XXXXXXX  XXXX    XXXXX X X X X X    XX X      X X       X     X  XX  XX XX X      XX XXXX  X
VSG   X XX  XXXXX X  XXXX  XX  XX XX  XXXXX XXXXXXXXXX XXXXXXX  X XXX        X X X X  X X  X XX XXXX X X XX XX  XXX  XXX XX XX   X
VTS   XXXX XX XXXXXXX   XXX XX       XXX  X  XX XXXXX XXXXXX XXX X XXX     XXX  XXX  XX     X XX X XX  XXX XX XXX  X XX  X    XXX XXX
VUN     X XX  XX            X        X X X  XX         XXXX  X    X      X X XXX          X X X   X X    X            X          X  X
VZW    X   X   X X          X       X X         XX   X    X     X     X  X     X X    XXX X   XXX X XX        XXX      XXX   X   XXX
WAM     X  XXXXX XXX XXX    X  XX XX XX  XX XXXXX X X X   X  XX  XXXX XXXXX X  X  XX    X X X XXX XX  XX XXXX  XX   XX X XXX  XX XX
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WCN            X XX   X    XX   X   X       X  X      X      X                X X X X  XXXXX     X              X       X            X
WDC   X X  XXX XX X X       XX  X   X X  XX  X  XX    X  X     XX   XX X X XXXXX XX X X  XXXXX     X X   X   XX X       X X      XXXXXX

WEL   X  X X      X X  X       XX    X  XX       XX        X               XX  X      XX                XX X    X          X  XXXXX X X X XX  XX  X
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WEW                                                                    X      X   X                        X  X    X   X    X         XX XXX
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WIN     X  XX             X X       X     XX   X               XXX                   XX XX  X   X
WIT     X  XX             X X             XX   X  X      X     XXX     X              XX  X             X     X  XX    X     X X       X    X
WKTM    X         XX   X    XX   X    X      X XX    X  X X X  XX             X                 X  X    X        X           X  X  X          X
WLF   XXX XXX  XX XX XXXXXXXX  X X   XXX   XX XX X X XXX XX   XXX X XXXXX   XXX X XXXX X    XX  XX XXXX   X XXX XXX X  XXXXXXXXXXXX XXX
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WRA   XXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

WTS   X X  XXX XXX   XX XXX X    XX XXXX XXX XX XXX    X X X   XX X XXX   X   XX X XXXX XXXX   X   X     XXX   XXXXX   XX X  XXXXX X   XX  X X
XAN   X X XXXXXXXXXX    X XXXXXX XXX XXXX XX XXXXXX   XXXX   XXXXX XXXXX X XX XX XXXX XX XX X  XX   XXX   XX XXXX X XX XXX      XXXXXXXXX
YAH             X                  X      X X             X    X      X                X X      XX                X            X          X           X
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YJA   XXX  XXXXXXX XXX  XX XXX X XXX X XXXX XX XXXXXX  X            X XXX X    X  XXXXX X X XXXXX XXXXXXXXXXX X    XX X  XXX    XXXXX
YKA   XXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
YKC   X X  XXX XXXX XXXXXXXXXXXX XXXXXXX XXXXXXXXXXXXXXXXX XXXXX XXXX   XXXXXXXXXX XXXXX XX XXXXXXX XX   XXXX XXXXXXXXXXXXXX XXXXXXXX
YKM     X  XX  X                            X  X       X X   X               X  X X X               X    X   X          X    X    X    X X X
YLV    XXXXXX XXXXXXXX XXXXXX  X    XX  XXXXXXX XX X     XX XXXXXXX XXXXXXXX XXXXXX  X    XX  X    X        X
YMT3                                                                              X X X         X                 X  XXXX  XXX

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YSA                                                       X     X     X                                         X      X      X    X    X           X
ZON    XX X  X XXX X           X X  X        X         X X   X  XX     X XX      X  XXX          X  X X X X XX  X        XXX   XXXX  X  XX
ZSP         X      X        X  X            X        X      X   X                                       X       X               X       X
ZST   XXX  XXX XX XX  XX XXXX  XXX      X XXXXXX X X    XXX      XXXXXX    X X  X X XXXX XX XXXX  X X X  X X   X   X     XXXX  X XXXX XXX
ZUL   XXX  XX       X    X  XX X         XX X XX  X X X   X X      XX      XXXX     XX X XXXX XXX  X        X     X X X XX       X XX XX  XX
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The following stations each reported less than 10 readings:

ABF	ABJ	AD1	AD2	AD3	AD4	AD5	AD6	AD7	AD8	ADI	AGAM	AHA	AJI	AJM	AK1	AK4	AK5
AKI	AN12	AN4	AN8	ANG	ANTO	AOM	APO	ASA	ASJ	ASZ	ATA	AUI	BAA	BBS	BCPM	BFW	BGB
BKB	BLP	BMR	BMRM	BNH	BOH	BOK	BOT	BQA	BRL	BTG	CAL	CBI	CBZ	CEI	CHO	CIZ	COB
COI	COW	CPE	CRI	CRQ	CSG	CTAO	CTGM	CUM	CVA	DAF	DAU	DAY	DDI	DMV	DNZ	DOR	EAB
EAU	EBL	ECH	ECZ	EDU	ELF	EMM	ESCF	ESY	FAR	FEL	FKJ	FKK	FKS	FMT	FUK	FUL	FUQ
GAL	GBZ	GCA	GFM	GIF	GMW	GRA2	GRA3	GRA4	GRB1	GRB2	GRB3	GRB5	GRC2	GRC4	GRM	GRT	GRW
GSH	GUD	GUV	GVI	GWV	HAC	HAK	HAM	HAY	HBF	HIK	HIR	HJJ	HMD	HMM	HNM	HNME	HON
HON	IAS	IID	IIM	IIT	IMW	IN1	IN2	IN3	IN4	ISI	ISN	ITB	ITB1	ITB7	IZU	JCK	JSC
KAD	KAE	KAG	KAI	KAIM	KAN	KHU	KKZ	KLL	KLM	KMG	KMJ	KOB	KOC	KOF	KRNA	KSU	KUG
KUM	KUS	KYO	LCH	LDN	LIS	LMHM	LON	MADF	MBO	MBU	MCA	MCJ	MCO	MCW	MDR	MED	MFW
MGI	MGM	MIS	MIT	MIY	MKT	MLH	MOI	MRK	MRR	MRT	MSR	MSV	MTS	MTY	MVI	MYK	MYZ
NA2	NAG	NAH	NAO	NAV	NEM	NGA	NGN	NGO	NGS	NII	NKY	NMS	NOB	NOH	NWRM	NZJ	OBI
OBO	OFU	OIT	OKA	OLY	OMZ	ONA	ONE	OPA	OSA	OSH	OSK	OWA	PAE	PAL	PAX	PCA	PCT
PGE	PIM	PIO	PLY	POI	PPE	PRIN	PRL	PTN	PWL	PWLA	QCS	QSM	RAGM	RAR	RBL	RDP	RIV
RKT	RMJ	RMT	ROG	SAG	SAI	SAP	SBC	SCE	SEN	SFG	SGH	SGS	SGV	SHJ	SHN	SHRG	SHW
SHZ	SLL	SMCF	SNZO	SPT	SRE	SSB	SSR	SSS	STB	STJ	SUR	SUT	SVB	TAF	TAJ	TAT	TBI
TBR	TCE	TDD	THI	TKD	TKL	TKM	TKS	TKY	TMBR	TMO	TMP	TNZ	TOT	TRD	TRN	TRZ	TSIM
TUA	TURI	TVO	TWM1	TYK	UNM	UNZ	URA	UTS	UWA	VAR	VITF	VLR	WAJ	WAK	WAR	WIZ	WKA
WKY	WSI	WTZ	WVLY	YAM	YKGM	YMT1	YOK	ZAG	ZNT	ZOBO							