UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

EARTHQUAKE DATA REPORT
September 1985

NATIONAL EARTHQUAKE INFORMATION CENTER

Open File Report
86-551I

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

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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.

% SEP 01, 1985 00h 22m 50.44± 0.99s
40.222 N ± 9.5km 29.365 E ± 7.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA	0.73	84	IPg	23 03.90	-0.8
			ISg	23 18.90	
ISK	0.87	345	IPn	23 08.20	1.0
BNT	1.11	277	IPn	23 10.00	-1.3
EDC	1.16	277	IPn	23 10.50	-1.5
CTT	1.17	323	ePn	23 12.00	-0.2
DMK	2.01	323	ePn	23 25.50	0.7
EZN	2.37	261	ePn	23 31.00	1.1
IZM	2.45	223	ePn	23 32.20	1.1
YER	3.20	196	ePn	23 47.20	5.4X

S.D. = 1.3 on 8 of 9 obs.

SEP 01, 1985 01h 00m 55.54± 0.16s
19.780 N ± 3.2km 75.282 W ± 2.8km
DEPTH = 10.0km (geophysicist)
5.1mb (58 obs.) 4.5Msz (2 obs.)
CUBA REGION (85)

Minor domage at Guontonomo Boy.
Also felt at Kingston and in
eastern Jomoico.
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 12S, 22C
Centroid Location:
Origin Time 01:01: 0.6 1.6
Lot 19.67N 0.14 Lon 75.20W 0.18
Dep 10.0 FIX Holf-durotion 1.3
Moment Tensor; Scole 10**23 D-CM
Mrr= 4.44 0.56 Mtt=-2.78 0.49
Mff=-1.67 0.90 Mrt=-0.57 2.00
Mrf=-1.09 1.49 Mtf=-1.82 0.45
Principol Axes:

T	Vol= 4.64	Plg=81	Azm=103
N	-0.38	6	233
P	-4.26	7	323

Best Double Couple:Mo=4.4*10**23
NP1:Strike= 61 Dip=38 Slip= 100
NP2: 228 53 82

GCM	5.77	266	eP	02 21.40	-1.9
			eS	03 20.50	
SJG	8.80	99	iPc	03 06.60	0.8
UPA	11.50	202	iPc	03 41.00	-1.8
	0.1s	444.44nm			7.7mb X
			i	05 41.20	
SDV	11.73	157	eP	03 46.00	-0.2
UAV	11.80	160	ePn	03 49.00	1.8
CAR	12.24	138	ePn	03 52.50	-0.6
BMG	12.81	170	eP	04 01.00	0.3
BOG	15.11	175	eP	04 34.50	3.3X
			eS	07 31.00	
TRN	16.17	122	eP	04 47.40	2.8
	1.1s	69.50nm			4.7mb
COM	16.40	260	iP	04 53.50	5.8X
GUV	16.77	134	IPd	04 56.00	3.8X
	0.5s	28.30nm			4.7mb
BLA	17.94	347	P	05 04.00	-2.7
PSO	18.58	186	eP	05 19.50	4.3X
PBJ	19.41	263	iP	05 21.00	-3.9X
PIO	21.97	265	eP	05 53.00	1.6
FVM	22.41	327	eP	05 56.20	0.5
	0.8s	54.55nm			5.1mb
TPM	22.44	272	iP	05 58.00	1.6
UTO	22.92	344	iPc	06 02.00	1.3
RLO	23.81	317	iPc	06 10.70	1.3
TUL	24.15	316	iPc	06 14.00	1.3
	1.0s	286.10nm			5.8mb
JCT	24.57	301	iP	06 17.80	0.9
	1.0s	150.00nm			5.6mb
	Z 22s	0.37um			3.8Msz
OCO	25.06	313	e(P)	06 21.60	0.1
OTT	25.55	359	eP	06 26.50	0.5
	1.1s	87.00nm			5.4mb
			pP	06 38.00	45kmX
MNT	25.69	3	eP	06 29.00	1.7
			pP	06 39.00	37kmX
ALQ	31.38	305	eP	07 19.00	-0.1
	1.0s	10.00nm			4.7mb
AT8	32.23	133	Pc	07 26.00	-0.4
GLD	32.50	314	eP	07 29.00	0.2
	1.0s	42.00nm			5.3mb
GOL	32.58	314	eP	07 29.20	-0.4
	0.9s	10.61nm			4.8mb
			e	07 41.00	
RSSD	34.11	322	eP	07 42.30	-0.4
	0.8s	7.04nm			4.6mb
RSON	34.26	339	iP	07 43.30	-0.4
	0.9s	50.42nm			5.4mb
TDM	34.40	298	P	07 45.00	-0.2
SCH	35.57	8	eP	07 54.50	-0.4
LPB	36.77	168	P	08 05.50	-0.3
CNCB	37.06	168	iP	08 08.40	0.0
GLA	37.58	299	eP	08 13.00	0.9
DUG	37.97	311	iP	08 16.00	0.5
TPC	38.78	300	eP	08 23.00	0.8
BAR	39.05	298	eP	08 25.00	0.6
NOP	39.29	303	eP	08 27.50	1.1
PLM	39.31	299	eP	08 27.00	0.2
HPI	39.55	316	eP	08 29.00	0.3
GSC	39.63	302	eP	08 30.00	0.7
			e	08 43.00	
YMT3	39.65	304	iP	08 31.00	1.6
RVR	39.84	300	eP	08 32.60	1.0
EUR	40.03	308	iP	08 32.80	0.0
	0.3s	9.23nm			4.9mb
LRM	40.07	319	eP	08 32.20	-0.8
SBB	40.33	301	eP	08 36.00	0.9
FFC	40.35	336	eP	08 39.50	4.6X
	1.0s	44.00nm			5.1mb
CLC	40.36	302	eP	08 36.00	0.7
MWC	40.44	300	eP	08 36.00	-0.1
CWC	40.87	303	eP	08 40.00	0.4
BMN	41.23	309	iP	08 42.00	-0.5
			e	08 55.00	
MNA	41.39	306	eP	08 44.70	0.9
SES	41.62	326	ePc	08 45.50	0.1
			pP	08 57.00	41kmX
TPZ	42.05	167	P	08 48.90	-0.6
JAS1	43.01	305	eP	08 57.00	0.1
ARN	43.77	304	eP	09 04.00	0.9
NEW	44.02	320	eP	09 04.50	-0.5
			e	09 17.00	
BAO	44.26	141	ePd	09 06.90	-0.4
EDM	44.39	328	iP	09 07.50	-0.4
SOB1	44.46	127	eP	09 08.30	-0.6
			e	09 24.30	
ITR	46.06	125	eP	09 21.30	-0.3
YKC	50.44	338	eP	09 54.00	-1.0
YKA	50.49	338	eP	09 55.40	-0.1
VAO	50.71	146	eP	09 56.90	-0.8
			e	10 06.00	
GDH	51.24	10	IPd	10 01.00	-0.1
	1.0s	24.00nm			5.1mb
MDZ	52.72	173	e(P)	10 25.20	12.4X
INK	60.23	339	eP	11 04.00	-1.9
MBC	60.76	349	iPc	11 07.70	-1.7
	0.9s	33.00nm			5.5mb
ALE	63.00	2	iPc	11 23.20	-1.1
	0.8s	16.00nm			5.3mb
TOL	63.39	55	eP	11 28.00	0.4
			e	11 45.00	
DAG	63.45	12	iPd	11 25.60	-1.6
	0.7s	17.12nm			5.3mb
EKA	63.82	37	Pc	11 29.90	-0.2
	1.1s	16.90nm			5.1mb
COL	64.85	333	eP	11 35.00	-1.7
	0.8s	13.06nm			5.2mb
FBA	64.85	333	eP	11 35.20	-1.5
	1.0s	20.00nm			5.3mb
PME	65.08	330	eP	11 37.10	-1.1
	1.0s	37.70nm			5.5mb
GRR	65.21	45	eP	11 38.50	-0.8
	0.8s	10.30nm			5.1mb
FLN	65.44	45	eP	11 41.00	0.2
	0.8s	13.90nm			5.2mb
LDF	65.69	45	eP	11 42.70	0.3
	0.8s	11.80nm			5.1mb
EPF	66.41	51	eP	11 47.60	0.4
	1.0s	14.80nm			5.1mb
LFF	66.52	49	eP	11 47.90	0.1
	1.0s	16.90nm			5.2mb
KDC	66.69	325	eP	11 48.00	-0.5
LPO	66.86	49	eP	11 49.90	-0.1
	1.0s	16.00nm			5.2mb
LSF	66.96	47	eP	11 50.20	-0.4
	1.0s	8.10nm			4.9mb
RJF	67.04	48	eP	11 51.00	-0.1
	1.0s	12.00nm			5.0mb
IMA	67.39	334	eP	11 52.60	-0.5
TCF	67.43	47	eP	11 53.30	-0.3
	1.0s	12.90nm			5.1mb
CAF	67.46	49	eP	11 53.70	-0.1
	0.9s	13.70nm			5.1mb
MZF	67.70	47	eP	11 55.00	-0.2
	1.0s	10.30nm			5.0mb
BGF	67.84	47	eP	11 55.70	-0.4
	0.8s	6.40nm			4.9mb
GRC	67.93	46	iPc	11 56.30	-0.3
AVF	68.17	47	eP	11 57.70	-0.4
	1.0s	12.50nm			5.1mb
SSF	68.24	46	eP	11 58.80	0.2
	0.8s	14.70nm			5.2mb
TTA	68.37	331	eP	11 58.00	-1.2
LOR	68.46	46	eP	11 59.60	-0.4
	0.9s	14.70nm			5.2mb
SMF	68.52	47	eP	11 59.90	-0.4
	0.9s	15.30nm			5.2mb
LBF	68.57	46	eP	12 00.10	-0.6
	1.0s	9.60nm			4.9mb
DOU	68.66	43	P	12 01.20	0.1
			e	12 18.10	
ENN	69.43	42	iPc	12 05.80	0.0
KIC	69.58	90	iP	12 07.00	-0.4
	0.8s	61.00nm			5.8mb
WLF	69.71	43	P	12 08.20	0.7
WTS	69.85	41	iPc	12 08.80	0.5
	1.0s	39.00nm			5.5mb
HAU	70.04	45	eP	12 08.80	-0.9
	0.9s	6.50nm			4.8mb
BSF	70.36	45	eP	12 11.50	-0.2
	1.0s	11.10nm			4.9mb
CDF	70.60	44	eP	12 13.00	-0.2
	0.8s	5.30nm			4.7mb
LPG	70.67	48	eP	12 13.60	-0.3
	0.8s	8.00nm			4.9mb
LRG	70.72	50	eP	12 13.10	-0.7
FRF	70.91	50	eP	12 14.80	-0.2
	0.8s	7.00nm			4.8mb
DIX	71.04	47	eP+	12 16.70	0.6
NB2	71.22	31	P	12 17.00	0.4
	0.9s	16.60nm			5.2mb
MMK	71.43	47	eP+	12 19.30	0.9
SLE	71.51	45	eP+	12 18.60	0.0
LLS	71.99	46	eP+	12 22.30	0.6
TMA	72.04	47	eP+	12 22.10	0.1
VDL	72.38	46	eP+	12 24.80	0.8
OSS	72.80	46	eP+	12 26.90	0.4
GRF	72.96	43	eP	12 27.80	0.7
	1.0s	13.00nm			5.0mb
	Z 21s	1.00um			5.1Msz
MOX	73.03	42	eP	12 27.00	-0.5
	1.3s	24.00nm			5.1mb
FUR	73.28	44	eP	12 29.40	0.4
CLL	73.77	41	eP	12 31.00	-0.7
	1.5s	15.00nm			4.8mb
WET	74.13	43	iPc	12 36.40	2.5
	1.2s	19.00nm			5.0mb
BRG	74.44	41	iPc	12 35.90	0.3
	1.2s	19.00nm			5.0mb
UPP	74.56	32	iP	12 36.30	0.2
KHC	74.58	43	iPc	12 37.00	0.5
	1.0s	15.50nm			5.0mb
			e	12 51.50	
KBA	74.87	45	iPc	12 38.30	-0.2
	1.0s	9.90nm			4.8mb
			i	12 42.20	
PRU	75.00	42	P	12 39.50	0.6
VOY	75.48	46	eP	12 42.10	0.2
KEV	75.78	21	eP	12 43.00	0.0
	0.8s	26.40nm			5.4mb
SOP	76.85	44	ePc	12 49.60	0.2
	1.0s	21.30nm			5.2mb
ZST	77.07	43	iP	12 51.80	1.2
KJF	77.89	26	iP	12 55.00	0.2
	0.7s	22.70nm			5.4mb
SRO	77.95	43	eP	12 56.00	0.5
KRA	78.35	41	IPd	12 58.40	0.8
	0.7s	16.00nm			5.2mb
VAY	82.86	49	eP	13 21.60	-0.1
BNG	92.11	85	iPc	14 06.80	-0.2
	0.6s	13.00nm			5.5mb
			i	14 16.80	
QUE	118.44	37	ePdiff	15 51.00	-14.0X
GBA	137.32	41	PKPd	20 20.30	-1.6
	0.9s	4.80nm			
CTA	141.02	262	iPKPd	20 20.80	-7.8X

01d 01h

	0.7s	5.14nm				
		i	20	27.30		
STK	144.85	242 iPKPc	20	33.20	-1.7	
PCT	145.60	6 ePKP	20	37.00	0.5	
ADE	146.43	236 iPKPc	20	37.80	0.3	
	0.9s	92.44nm				
NNT	147.46	9 ePKP	20	41.80	2.2X	
WRA	152.15	265 PKPc	20	45.60	-1.1	
	0.8s	23.70nm				
ASPA	152.64	257 ePKP	20	46.00	-1.3	
	0.8s	34.00nm				
	S.D. = 0.9	on 134 of 144 obs.				

• SEP 01, 1985 01h 38m 43.17± 0.69s
39.455 N ±11.6km 75.748 E ±12.0km
DEPTH = 10.0km (geophysicist)
4.8mb (7 obs.)
SOUTHERN XINJIANG, CHINA (321)

QUE	11.73	221 eP	41	35.60	1.9	
		eS	43	42.00		
KKN	14.07	143 iPd	42	04.20	-0.8	
	0.5s	22.00nm			5.2mb	
DMN	14.15	144 iPd	42	05.20	-0.8	
	0.5s	19.00nm			5.1mb	
PKI	14.32	143 iPd	42	07.30	-1.0	
	0.5s	19.00nm			5.0mb	
GBA	25.79	176 Pd	44	17.20	1.2	
	0.5s	4.50nm			4.4mb	
SUF	37.54	325 eP	46	03.00	4.3X	
	0.7s	2.90nm			4.2mb	
NB2	44.36	321 P	46	54.40	-0.6	
	0.5s	1.10nm			4.0mb	
KHC	44.39	304 P	46	55.90	0.5	
BNG	62.18	251 iPc	49	05.20	-2.0	
	0.6s	14.00nm			5.3mb	
MBC	64.18	4 eP	49	20.00	0.4	
KRI	70.63	227 eP	50	00.00	-1.0	
BUL	73.85	226 iPc	50	19.50	-0.6	
KIC	78.65	269 eP	50	46.70	-0.5	
WRA	80.51	126 eP	50	58.30	1.3	
		e	51	40.70		
CTA	88.47	118 eP	51	39.00	2.0	
	S.D. = 1.3	on 14 of 15 obs.				

• SEP 01, 1985 03h 35m 50.08± 1.21s
20.758 S ± 6.6km 69.048 W ±15.8km
DEPTH = 165.4 ± 11.8 km
NORTHERN CHILE (123)

CAC	1.71	179 iPc	36	23.30	-0.3	
TPZ	3.19	103 P	36	41.80	0.4	
		i	37	01.00		
YJA	3.59	114 ePc	36	46.00	-0.5	
		S	37	28.80		
CNCB	4.06	15 iP	36	53.00	0.3	
HJA	4.17	127 iPd	36	54.80	1.2	
LPB	4.30	12 eP	36	56.00	0.3	
CCH	4.34	40 P	36	55.00	-1.1	
ZOBO	4.55	11 iP	36	59.50	0.3	
	0.7s	24.69nm				
		LR	38	28.00		
SLA	5.14	141 ePd	37	06.00	-0.5	
		S	38	07.00		
VAO	20.61	100 eP	40	18.20	0.2	
BAO	20.64	79 e(P)	40	18.00	-0.3	
	S.D. = 0.8	on 11 of 11 obs.				

• SEP 01, 1985 03h 37m 22.12± 2.98s
51.253 N ±25.1km 15.873 E ±15.9km
DEPTH = 10 0km (geophysicist)
POLAND (548)

KSP	0.49	147 iP	37	32.00	0.0	
		iS	37	41.00		
BRG	1.27	253 iPg	37	46.20	0.5	
		iSg	38	05.70		
PRU	1.52	214 ePn	37	49.50	0.1	
		Pg	37	51.30		
		Sn	38	08.30		
		eSg	38	15.50		
		e	38	21.80		
CLL	1.80	273 ePg	37	54.00	0.6	
		eSg	38	19.00		
KHC	2.59	216 Pn	38	05.10	0.4	
		Pg	38	10.50		
		Sn	38	37.00		
		Sg	38	47.70		
HOF	2.70	251 ePn	38	05.00	-1.4	
MOX	2.76	259 eP	38	47.00	39.8X	
		eS	38	51.00		
KBA	4.50	203 eP	38	40.00	8.0X	
		e(Sg)	39	52.00		
	S.D. = 1.0	on 6 of 8 obs.				

? SEP 01, 1985 04h 33m 13.92± 3.40s
35.075 S ±21.4km 70.876 W ±30.3km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CHCH	1.15	9 iPc	33	34.70	-0.8	
		iS	33	45.70		
LNV	1.20	338 iP	33	40.30	4.0X	
		iS	33	56.30		
TACH	1.42	358 iPd	33	40.70	0.9	
		iS	33	57.00		
PCH	1.48	12 iPd	33	39.50	-1.2	
		iS	33	55.40		
SAN	1.63	6 iPc	33	42.40	-0.3	
		iS	34	00.50		
BACH	1.75	11 iPc	33	44.10	-0.4	
		iS	34	03.80		
FCH	1.81	16 iPc	33	44.80	-0.9	
		iS	34	04.50		
RFA	2.00	82 iPd	33	47.30	-0.9	
		S	34	07.60		
JACH	2.40	6 iP	33	55.10	1.1	
		iS	34	23.50		
MDZ	2.76	38 iP	34	01.50	2.4	
		iS	34	36.80		
RTCV	3.75	32 ePd	34	18.00	4.8X	
ZON	3.97	28 eP	34	20.00	3.8X	
RTCB	3.98	26 ePd	34	19.70	3.3X	
RTLL	4.24	29 ePc	34	23.20	3.1X	
VBA	7.75	115 eP	35	09.70	0.1	
	S.D. = 1.3	on 10 of 15 obs.				

• SEP 01, 1985 04h 46m 30.95± 0.72s
27.978 N ±12.4km 140.823 E ±13.5km
DEPTH = 33.0km (normol)
5.1mb (6 obs.)
BONIN ISLANDS REGION (212)

MAT	8.82	346 eP	48	40.00	0.8	
WRA	48.05	188 Pd	55	09.40	0.2	
	0.7s	17.70nm			5.2mb	
PKI	48.66	283 eP	55	14.40	0.0	
	0.9s	20.00nm			5.1mb	
KKN	48.72	284 eP	55	15.10	0.4	
	0.8s	24.00nm			5.3mb	
DMN	48.91	283 eP	55	16.90	0.7	
	0.8s	21.00nm			5.2mb	
COL	57.14	29 eP	56	17.00	0.5	
	1.0s	8.00nm			4.7mb	
INK	62.73	25 eP	56	54.00	-0.7	
KJF	74.47	335 eP	58	06.00	-1.4	
PNT	75.12	42 eP	58	12.00	0.5	
LRM	81.05	43 eP	58	45.10	0.7	
NB2	82.34	338 P	58	48.80	-1.7	
	0.7s	1.80nm			4.2mb	
	S.D. = 1.0	on 11 of 11 obs.				

SEP 01, 1985 05h 33m 51.29± 1.07s
39.774 N ± 9.6km 26.014 E ± 8.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.25	78 iPg	33	57.00	0.5	
EDC	1.53	67 ePn	34	18.50	-0.2	
BNT	1.57	68 iPn	34	19.00	-0.3	
IZM	1.68	144 ePn	34	20.70	-0.2	
KDZ	1.93	345 iPc	34	25.00	0.5	
DIM	2.29	352 ePg	34	35.00	5.3X	
CTT	2.30	53 ePn	34	30.00	0.2	
DMK	2.44	32 iPn	34	30.00	-1.7	
MMB	2.51	317 iP	34	33.00	0.2	
		iS	35	02.00		
ISK	2.66	60 ePn	34	36.00	1.1	
JMB	2.73	9 eP	35	10.00	34.1X	
VAY	3.05	302 ePn	34	51.70	11.3X	
PVL	3.43	350 eP	34	49.00	3.2X	
VTS	3.53	324 eP	34	52.00	4.7X	
		eSg	35	45.00		
	S.D. = 0.9	on 9 of 14 obs.				

SEP 01, 1985 06h 28m 27.90± 1.22s
0.963 N ± 7.2km 121.756 E ± 8.2km
DEPTH = 69.5 ± 12.1 km
4.7mb (7 obs.)
MINAHASSA PENINSULA (265)

PCI	2.67	226 eP	29	09.00	-0.4	
		iS	29	31.50		
MKS	6.55	200 ePd	30	03.40	-0.4	
KKM	7.49	313 ePd	30	14.60	-2.2	
	0.6s	118.30nm			3.8mb X	
AAI	7.92	126 ePd	30	25.20	2.5	
BAG	15.39	356 eP	32	02.20	-0.5	
KNA	17.99	158 eP	32	34.90	0.0	
IPM	21.01	280 ePc	33	06.90	-1.1	
PPI	21.40	266 eP	33	14.20	2.3	
	0.7s	32.20nm			4.8mb	
MBL	22.07	185 eP	33	18.00	-0.5	
	0.5s	4.00nm			4.1mb	
PSI	22.88	275 ePd	33	28.40	1.9	
TSI	23.31	277 ePc	33	32.00	1.4	
NAU	24.15	194 eP	33	39.00	0.3	
WRA	24.17	150 Pc	33	37.90	-1.0	
	0.7s	21.90nm			4.7mb	
NNT	24.70	299 eP	33	45.20	1.1	
LOE	25.59	311 eP	33	52.00	-0.5	
ASPA	27.18	155 eP	34	06.00	-1.0	
	0.6s	16.00nm			4.8mb	
MRWA	30.51	190 eP	34	35.00	-1.7	
CTA	31.85	132 iPd	34	48.30	-0.3	
	1.0s	9.00nm			4.5mb	
SHL	37.79	313 iP	35	40.20	0.7	
BJI	39.22	353 eP	35	52.00	0.9	
CAN	44.16	148 eP	36	32.30	0.7	
		ePcP	38	15.50		
WAM	44.76	148 eP	36	37.30	0.9	
		ePcP	38	18.30		
GBA	45.62	288 P	36	44.00	0.6	
NOU	49.32	121 iPc	37	12.00	-0.3	
KRP	62.81	134 P	38	48.70	0.1	
SBA	82.33	171 e(P)	40	41.20	-1.7	
KJF	90.91	334 iP	41	24.00	-0.9	
	0.7s	21.40nm			5.6mb	
NB2	98.98	333 P	41	59.90	-2.1	
	0.8s	2.20nm			4.7mb	
ALQ	122.54	47 ePKP	47	18.00	0.3	
	1.0s	2.50nm				
JCT	129.60	48 iPKP	47	31.90	0.6	
	0.8s	6.72nm				
		e	47	44.00		
ITR	158.80	248 e(PKP)	48	28.00	8.2X	
	S.D. = 1.3	on 30 of 31 obs.				

SEP 01, 1985 07h 53m 54.52± 0.66s
40.102 N ± 6.8km 28.634 E ± 6.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BNT	0.60	295 iPg	54	06.40	-0.3	
		iSg	54	15.90		
EDC	0.64	293 iPg	54	07.00	-0.3	
		iSg	54	17.00		
GPA	1.30	81 iPn	54	18.30	-0.3	
EZN	1.80	262 iPn	54	26.50	0.8	
DMK	1.84	339 iPn	54	27.00	0.6	
IZM	2.01	212 iPn	54	28.20	-0.7	
YER	2.98	185 ePn	54	43.20	0.5	
MMB	4.01	293 eP	54	57.00	-0.3	
	S.D. = 0.6	on 8 of 8 obs.				

• SEP 01, 1985 08h 28m 21.53± 0.54s
38.910 S ±10.8km 92.051 W ± 7.0km
DEPTH = 10.0km (geophysicist)
5.2mb (8 obs.) 5.1Msz (4 obs.)
WEST CHILE RISE (686)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 27C
Centroid Location:
Origin Time 08:28:23.2 0.2
Lat 38.98S 0.04 Lon 92.00W 0.05
Dep 10.0 FIX Half-duration 2.2
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.22 0.06 Mtt= 0.08 0.07
Mff= 0.13 0.06 Mrt= 0.00 0.00
Mrf= 0.00 0.00 Mtf=-2.15 0.07
Principal Axes:

T Val= 2.26 Plg= 0 Azm=225
N -0.22 90 180
P -2.05 0 135
Best Double Couple:Mo=2.2*10**24
NP1:Strike=270 Dip=90 Slip= 180
NP2: 0 90 0

LNV	17.32	80	eP	32 26.50	1.6
TACH	17.80	79	eP	32 32.00	1.1
SAN	18.09	79	eP	32 35.00	0.5
PCH	18.14	80	eP	32 35.50	0.3
FCH	18.43	79	eP	32 40.50	1.5
RFA	19.31	85	eP	32 49.70	0.1
MDZ	19.71	79	i(P)	32 55.20	1.1
RTCB	20.36	76	ePc	33 00.60	-0.4
RTCV	20.39	77	ePd	33 02.00	0.8
RTLL	20.68	76	ePd	33 02.70	-1.6
VCA	22.20	70	ePc	33 23.00	3.3X
			S	42 52.50	
VBA	23.51	97	ePc	33 34.30	1.9
CYA	24.14	72	e(P)	33 37.80	-0.7
SLA	26.51	66	ePc	34 00.80	-0.4
YJA	28.16	61	eP	34 15.40	-1.1
TPZ	28.49	60	eP	34 19.00	-0.4
ARE	28.71	45	eP	34 19.00	-2.3
CNCB	30.45	50	P	34 36.00	-1.2
LPB	30.59	50	ePc	34 37.00	-1.3
	1.7s	153.85nm			5.6mb
Z	23s	9.47um			5.4MszX
		S		39 36.00	
		LR		43 03.00	
ZOBO	30.78	50	IP	34 39.30	-0.9
	1.0s	37.50nm			5.2mb
Z	18s	4.52um			5.2Msz
		LR		42 34.00	
VAO	41.35	81	eP	36 11.40	2.1
		e		36 29.90	
PSO	42.14	22	eP	36 16.00	-0.2
BAO	44.95	72	e(P)	36 35.50	-3.2X
FUQ	47.30	25	eP	36 57.00	-0.5
ATS	50.67	56	Pc	37 21.80	-1.3
SPA	51.28	180	eP	37 27.30	-0.2
	1.8s	29.63nm			4.9mb
Z	19s	1.60um			5.1Msz
SNA	53.86	155	e(P)	37 45.00	-1.4
SOB1	54.37	71	eP	37 48.10	-2.8
		e		37 50.30	
		e		37 55.70	
		e		38 01.20	
SBA	54.60	195	e(P)	37 46.80	-5.0X
Z	19s	1.53um			5.1Msz
ITR	56.50	73	eP	38 03.10	-3.2X
		e		38 04.80	
		e		38 10.10	
		e		38 15.40	
SJG	61.69	28	e(P)	38 31.00	-11.2X
JCT	69.41	353	eP	39 30.00	-1.6
	1.2s	50.78nm			5.6mb
MAW	72.12	170	eP	39 45.00	-2.5
TDM	72.99	343	P	39 57.00	3.9X
OCO	74.23	355	e(P)	40 03.80	3.6X
TUL	74.53	357	eP	40 05.30	3.5X
	1.1s	33.50nm			5.3mb
GLA	74.66	340	eP	40 03.00	0.2
ALQ	74.68	348	eP	40 03.00	-0.1
	1.5s	20.83nm			4.9mb
Z	18s	0.94um			5.1Msz
RLO	74.75	358	e(P)	40 05.40	2.2
BAR	74.81	339	eP	40 08.00	4.4X
PLM	75.50	339	eP	40 11.00	3.2X
TPC	75.98	340	eP	40 13.00	2.7
FVM	76.53	1	eP	40 15.20	2.0
SBB	77.02	338	eP	40 14.00	-2.2
GSC	77.31	339	eP	40 17.00	-0.8
NOP	77.91	340	eP	40 22.00	0.9
CLC	78.01	339	eP	40 26.00	4.4X
ISA	78.12	338	eP	40 28.00	5.8X
YMT3	78.60	340	eP	40 25.50	0.6
CWC	78.73	339	eP	40 30.00	4.3X
GOL	79.18	350	eP	40 28.40	0.2
	1.0s	4.50nm			4.4mb
JAS1	80.79	338	eP	40 37.00	0.5
	1.1s	2.00nm			4.0mb X
DUG	80.98	344	eP	40 38.00	0.4
EUR	81.04	341	eP	40 35.50	-2.6
RSSD	83.36	351	eP	40 50.90	1.0
	1.2s	24.14nm			5.3mb

CER	83.99	128	IPc	40 54.30	0.9
HPI	84.42	345	eP	40 56.50	1.1
LRM	86.32	346	eP	41 10.40	5.6X
NEW	89.61	344	eP	41 21.50	1.2
WIN	89.88	119	eP	41 35.50	13.0X
VOY	126.73	57	ePKP	47 27.00	0.4
CLL	127.89	50	ePKP	47 35.00	6.6X
BRG	128.33	51	ePKP	47 38.80	9.5X
OHR	129.69	65	ePKP	47 30.00	-2.3X
BHD	144.61	85	ePKP	48 02.00	2.2X
MSL	144.70	80	ePKP	47 59.40	-0.5
			e	48 06.50	
SNG	146.40	203	ePKP	48 05.00	1.6
KOD	149.94	159	ePKP	48 05.80	-3.6X
POO	156.29	145	ePKP	48 45.00	27.1X
CHG	157.82	209	ePKP	48 40.00	20.3X

S.D. = 1.4 on 48 of 70 obs.

% SEP 01, 1985 09h 45m 28.10± 1.59s
40.085 N ±15.3km 28.629 E ± 6.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BNT	0.61	297	IPg	45 40.90	0.6
			ISg	45 48.90	
EDC	0.64	294	ePg	45 40.50	-0.5
			ISg	45 50.50	
ISK	1.03	18	IPn	45 47.90	0.3
CTT	1.07	352	ePn	45 47.90	-0.4
GPA	1.30	80	IPn	45 52.20	0.0

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

• SEP 01, 1985 10h 57m 19.50± 1.78s
24.654 N ±19.1km 122.975 E ±16.7km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
TAIWAN REGION (243)

TWC	1.03	268	IPd	57 38.00	0.4
			eS	57 47.50	
TWZ	1.34	289	IPd	57 42.00	-0.1
TWD	1.38	246	IPd	57 42.50	-0.1
			eS	57 55.60	
TATO	1.39	284	IP	57 42.20	-0.5
			eS	57 54.90	
ANP	1.42	292	eP	57 43.70	0.3
WRA	45.69	165	Pc	05 39.20	0.0
	0.3s	0.40nm			3.8mb

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

SEP 01, 1985 12h 08m 18.76± 0.76s
52.205 N ± 6.4km 115.242 W ± 8.7km
DEPTH = 5.0km (geophysicist)
ALBERTA PROVINCE, CANADA (24)
ML 4.0 (NEW). Felt 25 km southwest of Rocky Mountain House.

EDM	1.54	48	ePn	08 47.50	0.6
			ePg	08 48.30	
			eSg	09 09.50	
SES	3.20	123	eP	09 12.00	1.3
RXF	3.35	179	eP	09 15.50	2.6
YKM	3.36	185	eP	09 13.90	0.8
LDM	3.76	181	eP	09 18.70	0.0
LHD	3.96	183	eP	09 22.30	0.7
CLX	4.00	179	eP	09 32.30	10.0X
PNT	4.01	226	eP	09 22.50	0.3
NEW	4.13	198	eP	09 23.00	-0.9
			eLg	10 29.00	
HRY	5.93	157	ePn	09 49.20	-0.3
BUT	6.44	163	ePn	09 56.40	-0.4
			eSg	11 40.60	
SXM	6.61	155	ePn	09 58.60	-0.6
LRM	6.65	163	ePn	09 58.90	-0.8
LCCM	6.75	160	ePn	10 00.00	-1.0
CCMT	7.46	167	ePn	10 10.00	-1.1
FFC	8.31	67	eP	10 18.00	-4.7X
HPI	8.62	170	P	10 35.80	8.4X
YKC	10.31	2	eP	10 46.00	-4.3X
RSSD	11.01	133	eP	10 59.50	-0.6
INK	18.38	338	eP	12 35.00	-0.6

S.D. = 1.1 on 16 of 20 obs.

• SEP 01, 1985 14h 07m 30.17± 0.42s
49.379 N ±10.1km 155.786 E ± 9.1km
DEPTH = 33.0km (normal)
4.6mb (9 obs.)
KURIL ISLANDS (221)

MAT	18.11	231	eP	11 40.00	-0.7
COL	32.99	41	eP	14 03.00	-0.7
INK	38.47	34	eP	14 50.00	-0.1
CHG	54.46	257	IPd	16 57.80	1.1
	1.0s	16.00nm			5.0mb
EUR	60.34	63	IP	17 39.00	0.7
			pP	18 09.20	125kmX
ALQ	68.96	61	eP	18 34.00	-0.2
	1.0s	3.25nm			4.3mb
WRA	71.60	201	Pc	18 50.00	0.0
	1.2s	10.90nm			4.8mb
GBA	72.23	270	P	18 53.70	-0.3
JCT	76.02	60	IP	19 16.00	0.2
	0.8s	3.73nm			4.4mb
KHC	76.62	336	eP	19 19.00	0.2
			e	20 50.90	
KBA	78.56	335	IPd	19 29.00	-0.7
	0.8s	7.60nm			4.8mb
			i	19 30.20	
LOR	80.71	341	eP	19 40.60	-0.5
SMF	81.30	341	eP	19 44.00	-0.2
	1.0s	6.80nm			4.6mb
LPG	81.73	339	eP	19 47.10	0.3
	0.6s	3.60nm			4.6mb
MZF	81.98	342	eP	19 48.00	0.3
TCF	81.99	342	eP	19 47.60	-0.2
	0.7s	3.00nm			4.4mb
CAF	83.32	342	eP	19 55.10	0.4
	0.7s	2.60nm			4.5mb
LPO	83.73	342	eP	19 57.20	0.4

S.D. = 0.5 on 18 of 18 obs.

? SEP 01, 1985 14h 36m 08.15± 6.84s
24.309 N ±21.2km 121.999 E ±52.7km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWC	0.33	335	IPd	36 14.40	-0.6
			eS	36 19.50	
TWD	0.43	238	IPc	36 17.00	0.0
			eS	36 24.50	
TATO	0.81	325	IP	36 24.60	0.8
			eS	36 35.60	
TWZ	0.87	334	IPc	36 24.80	-0.1
			eS	36 38.00	
ANP	0.98	333	eP	36 26.80	0.1
TWQ	1.06	268	IPc	36 28.00	-0.2

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

% SEP 01, 1985 14h 44m 33.16± 1.20s
46.080 N ±13.4km 8.576 E ± 6.9km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)

TMA	0.21	83	IPd	44 38.60	0.8
MMK	0.43	266	eP+	44 41.80	-0.1
VDL	0.74	56	eP+	44 46.90	-0.9
DIX	0.81	270	eP	44 48.70	-0.4
LLS	0.84	20	ePd	44 48.30	-1.2
ZUL	1.41	355	eP	45 00.70	1.8
SLE	1.69	358	eP	45 32.90	0.0

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

• SEP 01, 1985 15h 23m 16.81± 0.61s
35.113 N ±10.5km 141.258 E ± 7.8km
DEPTH = 33.0km (normal)
4.7mb (5 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

KYS	0.91	276	eP	23 33.30	0.0
TSK	1.44	320	eP	23 39.00	-1.8
OYM	1.68	281	eP	23 44.10	-0.2
SRY	1.69	288	eP	23 44.30	-0.2
DDR	1.90	298	eP	23 48.70	1.1
			S	24 18.80	
MAT	2.86	301	IPc	24 01.50	0.4
			eS	24 44.00	
SHK	7.08	268	eP	25 02.80	2.0
BJI	20.45	291	eP	27 49.00	-5.0X
AAI	40.50	200	e(P)	30 53.00	-1.3
COL	50.80	31	eP	32 15.00	-0.6
WRA	55.14	188	Pc	32 47.50	-0.8
	0.6s	8.60nm			5.0mb
GBA	60.95	266	P	33 28.00	-1.2

01d 15h

POO	61.33	273	eP	33 30.00	-1.9	
WBN	62.48	195	eP	33 41.00	1.7	
KJF	68.19	334	eP	34 17.00	1.4	
	0.7s	16.00nm		5.2mb		
LRM	75.61	44	eP	35 00.70	0.3	
NB2	75.91	337	P	35 00.40	-1.1	
	0.8s	2.80nm		4.3mb		
EUR	77.15	51	iP	35 10.00	0.9	
	1.0s	3.85nm		4.4mb		
CLL	82.70	330	e(P)	35 47.00	8.8X	
KHC	84.11	328	eP	35 46.00	0.4	
ALO	85.93	50	eP	35 56.00	0.9	
	1.0s	5.00nm		4.7mb		
ZOBO	147.73	62	ePKP	43 02.00	4.1X	
LPB	147.92	62	ePKP	43 02.00	4.0X	
CNCB	148.19	63	PKP	43 03.70	5.1X	
	S.D. = 1.2	on	19 of	24 obs.		

? SEP 01, 1985 16h 41m 42.69± 1.85s
31.058 S ±10.8km 69.015 W ±46.3km
DEPTH = 109.7 ± 22.7 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.47	157	iPc	41 59.10	-0.5	
			S	42 11.40		
RTMO	0.54	146	iPc	41 59.60	-0.5	
			S	42 12.20		
RTLL	0.54	120	iPc	41 59.80	-0.3	
CFA	0.86	130	ePc	42 03.20	0.4	
			S	42 18.60		
RTCV	0.90	153	iPc	42 03.60	0.4	
MDZ	1.83	176	iP	42 15.70	1.7	
			iS	42 42.10		
VCA	2.41	17	ePc	42 21.90	0.2	
			S	42 52.00		
RFA	3.73	173	iPd	42 38.00	-1.4	
	S.D. = 1.2	on	8 of	8 obs.		

% SEP 01, 1985 17h 59m 33.83± 1.73s
44.493 N ± 6.5km 7.273 E ±16.9km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.7 (LDG).

FOUF	0.35	276	P	59 41.05	-0.1	
FRF	1.04	206	Pg	59 53.20	-0.2	
			Sg	00 06.40		
LPG	1.07	340	Pg	59 54.20	0.0	
			Sg	00 07.60		
LRG	1.23	213	Pg	59 57.00	0.3	
			Sg	00 12.20		
LMR	1.20	206	Pg	59 57.50	-0.1	
			Sg	00 13.60		
	S.D. = 0.3	on	5 of	5 obs.		

% SEP 01, 1985 18h 13m 27.82± 1.80s
38.732 N ±15.0km 27.799 E ±19.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.54	232	iPg	13 38.70	0.0	
			iSg	13 46.20		
EZN	1.58	314	iPn	13 56.00	0.1	
EDC	1.61	2	iPn	13 57.00	0.6	
BNT	1.62	3	iPn	13 56.80	0.2	
CTT	2.46	11	ePn	14 09.60	1.0	
GPA	2.49	51	ePn	14 15.60	6.6X	
ISK	2.52	22	ePn	14 09.00	-0.5	
DMK	3.09	359	ePn	14 16.00	-1.5	
	S.D. = 1.0	on	7 of	8 obs.		

• SEP 01, 1985 18h 14m 30.34± 1.56s
31.403 S ±14.7km 68.793 W ±15.3km
DEPTH = 33.0km (normoi)
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.08	184	iPc	14 36.10	-0.1	
			S	14 38.20		
RTMQ	0.15	133	iPc	14 36.20	-0.4	
ZON	0.17	146	iPc	14 37.20	0.4	
RTLL	0.29	75	iPc	14 38.00	0.0	
RTCV	0.51	155	iPd	14 41.00	-0.1	
CFA	0.51	113	ePd	14 41.20	0.0	
			S	14 47.10		
	S.D. = 0.3	on	6 of	6 obs.		

• SEP 01, 1985 18h 29m 22.55± 2.44s
35.746 N ± 7.3km 140.447 E ±19.7km
DEPTH = 10.0km (geophysicist)
NEAR EAST COAST OF HONSHU, JAPAN(228)

TSK	0.54	330	iPc	29 33.70	0.3	
KYS	0.60	204	eP	29 34.50	-0.1	
SRY	0.96	262	eP	29 41.20	0.3	
OYM	1.03	252	eP	29 42.50	0.4	
DDR	1.05	284	eP	29 41.70	-0.7	
MAT	1.98	294	iPd	29 56.30	-0.1	
			eS	30 16.00		
	S.D. = 0.5	on	6 of	6 obs.		

SEP 01, 1985 19h 07m 42.20± 0.32s
23.769 N ± 4.8km 102.738 E ± 4.7km
DEPTH = 10.0km (geophysicist)
5.0mb (24 obs.) 5.1Msz (1 obs.)
YUNNAN PROVINCE, CHINA (318)

KMI	1.35	0	iPnd-	08 11.50	4.3X	
			Sn	08 34.00		
GYA	4.45	52	Pn	08 52.00	0.6	
			Pg	09 10.00		
			Sg	10 15.00		
CHG	6.07	216	iPn	09 18.80	4.6X	
			iPg	09 35.20		
			iSg	11 04.00		
LOE	6.40	189	ePn	09 14.00	-4.9X	
			ePg	09 16.00		
			eSg	11 06.00		
CD2	7.17	7	ePn	09 29.80	0.1	
			iSn	11 01.00		
BDT	7.37	209	eP	09 26.30	-6.2X	
QIZ	8.13	124	ePn	09 39.40	-3.7X	
			Lg	13 44.00		
			e	13 57.00		
NST	8.42	197	eP	09 44.20	-2.9X	
KHT	9.76	204	ePn	10 45.00	39.4X	
			ePg	11 20.80		
			eSg	12 50.50		
SHL	10.03	282	iP	10 08.00	-1.6	
			eS	12 06.00		
MCO	10.11	97	eP	10 08.40	-2.0	
HKC	10.63	96	eP	10 15.10	-2.5	
			i	11 05.20		
			e(S)	12 20.00		
			iLg	13 14.50		
			i	13 29.00		
NNT	11.48	195	eP	10 30.00	0.8	
LSA	11.92	302	eP	10 35.60	0.0	
LZH	12.31	4	eP	10 39.50	-1.1	
	N 11s	3.80um				
	E 10s	8.40um				
			S	13 04.00		
			SS	13 37.00		
			Lg	14 18.00		
			Lg	14 38.00		
QZH	14.50	82	eP	11 08.30	-1.1	
GTA	15.79	352	eP	11 25.00	-1.3	
PKI	16.07	287	eP	11 29.80	-0.5	
TIY	16.19	29	eP	11 31.00	-0.4	
KKN	16.23	288	eP	11 31.60	-0.5	
DMN	16.35	287	eP	11 33.70	0.0	
SNG	16.62	187	eP	11 38.00	1.0	
TIA	17.55	42	eP	11 50.70	2.2	
BTO	17.86	18	P	11 51.50	-1.0	
			eS	15 05.00		
			Lg	16 53.00		
			e	17 22.00		
SSE	17.92	62	eP	11 48.00	-5.1X	
	Z 12s	6.00um				
			sS	15 20.00		
			S	15 28.00		
HHC	18.57	21	eP	12 02.00	0.8	
			pP	12 06.00		
VIS	19.14	255	iP	11 58.00	-10.2X	
IPM	19.15	185	ePc	12 06.40	-2.0	
	1.4s	70.60nm		4.7mb		
BJI	19.79	32	eP	12 16.00	0.5	
			e	12 55.00		
			eS	15 57.00		
PSI	21.27	191	ePd	12 30.50	-0.6	
	1.5s	290.00nm		5.4mb		
KGM	21.63	178	ePd	12 36.00	1.3	
			e	12 48.00		
NDI	23.39	288	iP	12 51.00	-1.0	
			eS	17 06.00		

HYB	23.49	259	eP	12 52.00	-1.1	
WMQ	23.51	332	P	12 55.00	1.8	
SNY	25.01	39	Pd	13 09.00	1.4	
GBA	25.97	252	P	13 16.50	-0.3	
CN2	27.33	38	eP	13 31.00	1.9	
			eS	18 09.50		
POO	27.41	265	iP	13 34.00	3.9X	
			iS	18 32.00		
KOD	27.60	245	eP	13 33.60	1.5	
			eS	18 32.00		
BOM	28.26	266	eP	13 43.70	6.0X	
			eS	18 33.70		
WRA	53.26	142	Pd	17 04.70	1.3	
	0.9s	14.00nm		4.9mb		
ASPA	56.02	145	eP	17 24.00	0.4	
	1.0s	23.00nm		5.2mb		
PRNI	59.90	292	eP	17 52.50	1.6	
KJF	62.36	331	iP	18 09.50	2.6X	
	0.7s	24.00nm		5.5mb		
KEV	62.98	338	iP	18 17.50	6.5X	
	0.7s	16.00nm		5.3mb		
UPP	67.33	327	iP	18 38.80	-0.4	
VAY	67.58	307	eP	18 38.00	-3.1X	
SPC	67.60	315	e(P)	18 45.30	3.9X	
KRA	67.64	316	eP	18 44.40	3.0X	
	0.9s	26.00nm		5.4mb		
	Z 22s	1.40um		5.1Msz		
	N 22s	2.00um				
	E 22s	1.10um				
SKO	68.26	307	iP	18 47.00	1.6	
OHR	68.93	307	eP	18 48.00	-1.6	
SRO	69.14	314	iP	18 53.60	2.9X	
ZST	69.85	315	e(P)	18 58.80	3.8X	
SOP	70.32	314	e(P)	19 01.00	3.0X	
	1.2s	11.10nm		4.9mb		
PRU	71.05	317	eP	19 06.00	3.7X	
	Z 14s	0.50um		4.9MszX		
BRG	71.20	318	eP	19 07.00	3.8X	
	1.2s	15.00nm		5.0mb		
			e	19 23.00		
CLL	71.66	319	eP	19 09.00	3.0X	
	1.3s	14.00nm		4.9mb		
KHC	71.88	316	iPc	19 11.00	3.6X	
	1.2s	10.00nm		4.8mb		
			e	19 29.00		
WET	72.32	316	eP	19 15.70	5.7X	
	1.2s	13.00nm		4.9mb		
VOY	72.52	313	eP	19 10.00	-1.3	
			i	19 14.10		
KBA	72.59	314	i(P)	19 14.50	2.7X	
	1.1s	8.80nm		4.8mb		
			i	19 19.70		
			e	19 40.00		
MOX	72.68	318	eP	19 16.00	3.9X	
	1.5s	34.00nm		5.2mb		
	Z 16s	0.40um		4.8MszX		
	N 20s	0.70um				
	E 18s	0.40um				
			e	19 42.00		
TRI	72.70	313	eP	19 14.80	2.6X	
BHG	72.71	315	eP	19 16.70	4.4X	
GRF	73.20	317	eP	19 19.30	4.2X	
	1.5s	47.00nm		5.3mb		
	Z 23s	0.40um		4.6MszX		
OGA	74.17	315	iPc	19 24.00	2.9X	
	1.2s	16.00nm		4.9mb		
WLF	76.33	318	P	19 38.50	5.5X	
COL	76.57	24	eP	19 38.00	3.9X	
	1.3s	14.42nm		4.9mb		
LPG	77.43	314	eP	19 39.80	0.1	
	0.8s	12.00nm		5.0mb		
LRG	78.43	312	eP	19 42.80	-2.0	
	1.0s	13.60nm		5.0mb		
LOR	78.63	317	eP	19 47.30	1.4	
LBF	78.66	316	eP	19 45.70	-0.4	
	1.0s	3.80nm		4.4mb		
SMF	78.88	316	eP	19 47.20	0.0	
	1.3s	18.00nm		4.9mb		
SSF	78.93	317	eP	19 47.20	-0.3	
	0.9s	8.10nm		4.8mb		
GRC	79.11	317	iPc	19 51.90	3.5X	
INK	79.46	18	eP	19 50.00	0.0	
TCF	80.06	316	eP	19 53.80	0.2	
CAF	80.70	315	eP	19 56.30	-0.8	
RJF	80.90	315	eP	19 58.90	0.8	
KRI	81.99	248	eP	20 05.00	0.7	
BNG	82.92	272	iPc	20 11.10	1.9	

0.7s 10.00nm 5.1mb
BUL 84.36 245 iPc 20 18.20 1.8X
0.9s 8.40nm 5.0mb
SPA 113.63 180 e(PKP)26 25.50 3.6X
JCT 121.89 23 ePKP 26 38.80 0.1
ATB 148.38 306 PKPc 27 30.50 2.8X
BAO 151.32 281 e(PKP)27 43.10 10.8X
S.D. = 1.2 on 49 of 86 obs.

* SEP 01, 1985 21h 14m 11.43± 0.66s
14.972 S ±21.5km 175.096 E ±11.3km
DEPTH = 616.8 ± 12.3 km
4.3mb (2 obs.)
FIJI ISLANDS REGION (181)

YSA 2.94 126 iPd 15 32.00 0.0
VUN 4.42 134 iPd 15 41.00 -0.4
NOU 10.97 227 iPc 16 41.00 0.9
HNR 15.79 289 eP 17 27.00 0.1
WRA 39.12 257 Pc 20 48.80 -0.7
0.4s 1.50nm 3.9mb
WBN 46.53 248 iPc 21 47.30 0.1
0.3s 8.60nm 4.7mb
MBL 52.69 255 eP 22 32.00 -0.5
NAU 56.63 253 eP 23 00.00 0.1
EUR 83.90 47 eP 25 40.50 1.3
COL 84.46 15 eP 25 40.80 -0.3
ALQ 89.28 54 eP 26 04.00 -0.6
S.D. = 0.7 on 11 of 11 obs.

& SEP 01, 1985 21h 42m 38.23s
61.550 N 151.022 W
DEPTH = 73.0km
SOUTHERN ALASKA (2)
<AGS-P>.

SUA 0.16 123 iP 42 49.24 1.6
iS 42 58.63
SKT 0.49 331 iP 42 50.93 -0.6
CRP 0.61 243 iP 42 52.43 -0.4
SPU 0.62 234 iP 42 52.20 -0.6
iS 43 03.15
PMS 0.77 113 iP 42 53.88 -0.5
PMR 0.91 86 iP 42 55.07 -0.9
iS 43 08.06
PME 0.96 84 iP 42 55.91 -0.7
eS 43 09.63
GHO 1.03 77 iP 42 56.94 -0.6
SLKM 1.12 159 iP 42 57.80 -0.9
PTE 1.19 125 iP 42 58.54 -1.0
RDT 1.19 215 iP 42 59.10 -0.5
iS 43 15.48
KNK 1.24 95 iP 42 59.35 -0.9
SML 1.31 77 iP 43 00.14 -1.0
MPA 1.34 142 iP 43 00.64 -0.8
SEW 1.64 151 eP 43 06.29 0.7
KNIM 2.01 125 iP 43 07.99 -2.6
GLI 2.02 108 iP 43 08.51 -2.2
eS 43 32.60
SVW 2.26 261 iP 43 13.05 -1.1
iS 43 40.16
MTU 2.28 132 eP 43 12.26 -2.1
VLZ 2.30 98 eP 43 12.33 -2.3
FID 2.34 108 eP 43 12.16 -3.1
eS 43 40.47
PDB 2.36 223 eP 43 14.28 -1.2
TOA 2.37 74 iP 43 15.20 -0.5
KLU 2.45 89 iP 43 14.58 -2.2
24 obs. associated

SEP 01, 1985 21h 58m 02.62± 0.48s
43.819 N ±10.1km 147.982 E ± 6.2km
DEPTH = 65.7km (2 depth phases)
5.0mb (38 obs.)
KURIL ISLANDS (221)

TSK 9.70 221 eP 00 18.40 -3.5X
MAT 10.42 229 iPd 00 03.20 -28.5X
OYM 10.75 222 P 00 36.00 -0.2
CN2 16.26 278 eP 01 45.40 -2.7
SNY 18.00 272 iPd 02 10.70 1.0
BJI 23.88 272 eP 03 11.00 0.2
BTO 28.14 277 eP 03 51.00 0.5
LZH 34.37 272 Pd 04 46.00 0.6
GTA 35.88 280 P 04 58.80 0.7
COL 40.69 36 eP 05 38.00 0.3
0.8s 13.43nm 4.8mb

WMQ 42.63 292 P 05 54.00 0.0
INK 46.04 30 iPc 06 20.90 0.1
0.4s 18.00nm 5.4mb
KKN 52.11 274 eP 07 08.50 0.0
0.8s 20.00nm 5.2mb
PKI 52.15 274 eP 07 08.60 -0.3
0.8s 9.00nm 4.9mb
DMN 52.34 274 eP 07 10.50 0.2
0.6s 33.00nm 5.4mb
YKA 55.41 34 eP 07 32.30 0.4
NDI 57.39 280 iPd 07 46.00 -0.5
0.7s 10.27nm 5.0mb
KEV 58.86 340 iP 07 54.00 -2.3
EDM 60.94 43 iP 08 10.00 -0.8
NEW 61.84 49 eP 08 16.20 -0.7
KJF 62.57 335 iP 08 19.40 -2.0
0.6s 15.60nm 5.3mb
HYB 63.38 269 eP 08 26.50 -1.0
WRA 64.67 194 P 08 37.00 1.4X
0.5s 0.80nm 3.9mb X
FFC 65.29 37 iPc 08 38.90 -0.4
0.6s 9.00nm 4.9mb
LRM 65.85 49 ePc 08 43.10 -0.3
EUR 67.80 56 eP 08 55.80 0.0
pP 09 14.80 72km
UPP 68.96 336 iP 09 01.00 -1.3
NB2 69.76 339 P 09 06.00 -1.2
0.7s 25.00nm 5.3mb
RSON 71.58 36 eP 09 17.40 -0.9
1.0s 13.00nm 4.8mb
KRA 76.12 328 eP 09 44.10 -0.5
KSP 76.80 331 eP 09 49.00 0.5
CLL 77.53 333 iPc 09 52.00 -0.4
1.0s 26.00nm 5.2mb
BRG 77.59 332 eP 09 52.00 -0.8
1.2s 13.00nm 4.8mb
PRU 78.13 331 Pc 09 56.00 0.2
EKA 78.23 344 P 09 56.00 -0.2
0.6s 7.60nm 4.8mb
MOX 78.55 333 eP 09 58.00 -0.1
WTS 78.84 337 eP 10 00.00 0.4
KHC 79.19 331 iPc 10 01.80 0.2
0.6s 14.50nm 5.1mb
e 10 18.50 60km
SOP 79.34 329 iPd 10 03.10 0.7
GRF 79.50 333 eP 10 03.70 0.4
0.8s 26.00nm 5.2mb
ENN 80.19 337 eP 10 07.00 0.1
0.9s 25.00nm 5.1mb
KBA 81.02 331 iP 10 12.10 0.5
0.7s 17.10nm 5.1mb
i 10 14.00 6kmX
i 10 17.00
DOU 81.17 337 P 10 13.90 1.9
CDF 81.88 335 eP 10 15.80 -0.1
0.6s 5.60nm 4.7mb
SKO 82.05 323 eP 10 17.00 0.2
SLE 82.07 334 eP 10 16.60 -0.2
VAY 82.07 322 eP 10 16.40 -0.5
ZUL 82.35 334 eP 10 18.30 -0.1
BSF 82.54 335 eP 10 19.20 -0.2
OHR 83.03 323 eP 10 21.50 -0.5
TMA 83.41 333 eP 10 23.40 -0.6
FLN 83.74 340 eP 10 25.50 0.1
0.8s 12.30nm 5.0mb
LDF 83.80 339 eP 10 26.00 0.3
0.8s 6.40nm 4.7mb
DIX 83.91 334 eP 10 26.80 0.2
LOR 83.93 336 eP 10 26.20 -0.2
1.0s 16.00nm 5.0mb
GRC 84.13 337 iPc 10 27.20 -0.2
LBF 84.15 336 eP 10 27.60 0.0
0.6s 2.60nm 4.4mb
GRR 84.18 340 eP 10 28.10 0.5
0.8s 18.00nm 5.2mb
SSF 84.22 336 eP 10 28.00 0.2
1.0s 6.80nm 4.6mb
SMF 84.50 336 eP 10 29.50 0.2
0.6s 11.70nm 5.1mb
AVF 84.51 336 eP 10 29.60 0.3
0.8s 7.50nm 4.8mb
LPF 84.56 340 eP 10 30.00 0.5
0.9s 18.10nm 5.1mb
LPG 84.64 334 eP 10 31.00 0.7
0.6s 7.70nm 4.9mb
BGF 84.87 337 eP 10 32.00 0.9
0.6s 3.40nm 4.6mb

MZF 85.25 337 eP 10 34.00 0.9
0.8s 23.20nm 5.3mb
TCF 85.29 337 eP 10 33.80 0.5
0.8s 5.40nm 4.7mb
LSF 85.52 337 eP 10 34.90 0.5
0.8s 11.10nm 5.0mb
MFF 85.65 339 eP 10 35.70 0.7
0.6s 11.50nm 5.1mb
RJF 86.39 337 eP 10 39.40 0.7
0.8s 5.30nm 4.7mb
CAF 86.58 336 eP 10 41.00 1.3
0.8s 8.50nm 4.9mb
LRG 86.58 333 eP 10 39.80 0.2
0.8s 9.10nm 5.0mb
LFF 86.95 337 eP 10 42.60 1.2
0.6s 5.20nm 4.9mb
LPO 87.05 337 eP 10 43.10 1.2
0.7s 5.20nm 4.8mb
ITR 144.63 11 ePKP 17 31.50 -2.1X
0.5s 9.80nm
SOB1 144.67 15 ePKP 17 32.60 -1.0
S.D. = 0.8 on 71 of 75 obs.

SEP 01, 1985 22h 25m 34.17± 0.25s
0.665 N ± 3.6km 121.430 E ± 4.8km
DEPTH = 83.0km (4 depth phases)
5.1mb (19 obs.)
MINAHASSA PENINSULA (265)

PCI 2.23 226 iP 26 10.00 0.2
iS 26 38.00
BKB 4.90 247 ePc 26 49.20 2.3
MKS 6.16 198 iPc 27 03.20 -1.3
KKM 7.46 316 ePc 27 22.10 -0.3
0.9s 170.10nm 5.7mb
e 28 20.80
e 55 39.00
AAI 8.02 123 eP 27 34.60 4.5X
eS 28 35.50
CGP 8.39 23 iPc 27 35.50 0.3
iS 29 12.50
PPR 9.44 344 eP 27 42.50 -7.0X
eS 29 34.00
KHKI 10.68 213 ePd 28 07.10 0.8
KUPT 10.96 169 eP 28 20.50 10.5X
KUG 10.97 169 eP 28 20.50 10.4X
TRT 12.08 226 iPc 28 26.00 1.1
1.3s 373.90nm 6.1mb
SJI 12.75 229 ePc 28 35.10 1.4
BAG 15.67 357 eP 29 12.20 0.5
eS 32 09.00
MTN 16.52 145 eP 29 23.00 0.8
CVP 16.94 1 eP 29 31.50 4.1X
1.1s 120.00nm 5.0mb
KNA 17.85 156 eP 29 40.00 1.4
KGM 18.15 274 ePd 29 43.00 0.6
e 30 07.90
IPM 20.75 281 ePd 30 08.90 -1.5
1.0s 96.90nm 5.1mb
e 30 31.10 113kmX
e 31 26.00
PPI 21.06 267 eP 30 14.50 1.0
0.7s 36.50nm 4.8mb
SNG 21.74 288 eP 30 20.00 -0.3
MBL 21.75 184 eP 30 20.00 -0.4
0.5s 17.00nm 4.7mb
PSI 22.58 275 ePc 30 29.60 1.0
TSI 23.02 277 ePc 30 33.00 0.1
NAU 23.78 194 eP 30 40.00 -0.2
WRA 24.08 149 Pc 30 42.80 -0.3
0.5s 17.30nm 4.7mb
NNT 24.56 300 eP 30 48.00 0.2
LOE 25.54 312 eP 30 55.00 -2.0
NST 25.77 306 eP 30 59.50 0.4
KHT 26.57 303 eP 31 07.30 0.8
ASPA 27.05 154 eP 31 10.00 -0.8
1.0s 16.00nm 4.5mb
WBN 27.11 170 eP 31 11.00 -0.3
e 31 30.00 83km
MEK 27.26 186 eP 31 11.00 -1.7
0.5s 26.00nm 5.0mb
BDT 27.54 308 eP 31 13.00 -2.2
1.0s 42.00nm 5.0mb
CHG 28.50 311 iPd 31 24.20 0.3
1.1s 72.78nm 5.2mb
MRWA 30.17 189 eP 31 37.00 -1.6
0.6s 33.00nm 5.2mb

01d 22h

SSE	30.26	360	eP	31 40.50	1.1
	N 30s		1.10um		
			sS	36 36.00	
KMI	30.29	325	eP	31 41.00	1.0
			eS	37 02.00	
BAL	31.42	188	eP	31 48.00	-1.7
CTA	31.89	132	iPc	31 54.20	0.3
	1.0s	17.00nm		4.8mb	
KLB	32.27	186	eP	31 56.00	-1.0
MUN	32.84	188	eP	32 01.00	-1.0
NWAO	33.65	186	eP	32 08.00	-1.0
RKG	34.80	186	eP	32 23.00	4.1X
			e	32 42.00	80km
SHL	37.75	313	iP	32 44.40	0.3
LZH	38.84	337	Pd	32 54.50	1.4
MAT	38.94	22	eP	32 52.00	-1.7
	1.0s	30.00nm		5.1mb	
ADE	38.96	157	iPd	32 54.30	0.4
	0.9s	31.93nm		5.2mb	
BJI	39.48	354	eP	32 58.50	0.4
PKI	43.68	311	iPd	33 33.40	0.4
KKN	43.89	311	iPd	33 35.10	0.5
DMN	43.93	311	iPd	33 35.60	0.6
CAN	44.09	147	eP	33 36.90	1.0
WAM	44.68	148	eP	33 42.70	2.1
KOD	44.73	284	eP	33 40.00	-1.6
HYB	45.33	294	ePd	33 46.00	0.0
GBA	45.40	288	P	33 46.00	-0.5
			e	34 06.50	85km
POO	49.94	294	iPc	34 21.00	-1.0
NDI	50.56	308	iPd	34 24.50	-2.0
	1.0s	30.00nm		5.3mb	
KRP	62.84	134	eP	36 11.00	17.5X
SBA	82.09	171	e(P)	37 40.20	-6.1X
NAI	84.64	269	eP	38 04.50	3.6X
	1.1s	40.51nm		5.3mb	
PRNI	86.58	300	eP	38 10.50	0.6
COL	89.73	25	eP	38 25.00	0.8
SPA	90.86	180	eP	38 27.90	-0.7
	1.0s	4.00nm		4.6mb	
KJF	91.03	334	iP	38 28.60	-1.5
	0.8s	36.70nm		5.7mb	
			i	38 51.50	84km
BUL	92.87	250	eP	38 40.50	0.8
INK	94.92	21	eP	38 47.00	-1.0
KRA	96.87	320	eP	38 56.40	-0.8
EUR	114.18	46	iPKP	44 06.00	-0.4
	0.3s	1.92nm			
RSSD	119.81	36	ePKP	44 17.90	1.0
	1.0s	13.00nm			
GOL	121.38	41	ePKP	44 19.70	-0.4
	1.1s	10.90nm			
ALQ	122.98	47	ePKP	44 23.10	-0.1
	1.0s	7.50nm			
JCT	130.04	48	ePKP	44 37.10	0.4
	1.0s	21.00nm			
			e	47 50.50	
			e	48 27.50	
CNCB	161.47	150	PKP	45 29.00	1.3
LPB	161.65	150	ePKP	45 28.00	0.3
CCH	161.79	156	(PKP)	45 28.00	0.3
BAO	161.83	215	e(PKP)	45 21.40	-6.1X
			i	46 34.10	
ZOBO	161.86	149	iPKPc	45 29.30	1.2
	1.5s	16.13nm			
	S.D. = 1.1	on 68 of 78 obs.			

SEP 01, 1985 23h 34m 05.48± 1.27s
39.285 N ± 5.6km 75.444 E ± 6.4km
DEPTH = 24.9 ± 10.3 km
4.8mb (14 obs.)
SOUTHERN XINJIANG, CHINA (321)

KSH	0.45	68	iPg	34 15.00	0.1
			Sg	34 23.00	
WMQ	10.24	60	P	36 34.00	0.0
NDI	10.68	172	eP	36 41.50	1.6
	0.8s	11.19nm		5.2mb	
			iS	38 39.00	
KKN	14.08	142	eP	37 24.20	-1.6
DMN	14.15	142	eP	37 25.20	-1.5
PKI	14.33	142	eP	37 27.20	-1.9
LSA	16.08	122	eP	37 53.30	1.4
GTA	18.84	82	P	38 27.20	1.2
SHL	19.44	130	eP	38 29.30	-4.0X
POO	20.72	184	eP	39 06.00	19.3X
HYB	21.96	172	eP	39 01.00	1.8
LZH	22.66	89	P	39 09.00	2.8X
GBA	25.64	176	P	39 39.00	4.2X
KMI	26.94	113	Pc	39 52.00	4.9X
	N 11s		0.40um		
			eS	44 49.00	
CHG	28.80	128	eP	40 14.00	10.4X
KRA	40.05	304	eP	41 39.90	-0.2
PRU	43.51	305	eP	42 09.00	0.7
BRG	43.74	306	iP	42 11.00	0.8
	1.3s	18.00nm		4.7mb	
CLL	44.25	307	iP	42 15.00	0.7
KHC	44.29	304	iPc	42 15.10	0.4
			e	42 20.80	
LJU	44.33	299	eP	42 15.50	0.4
NB2	44.35	321	P	42 14.20	-0.9
	0.7s	6.90nm		4.6mb	
VOY	44.77	300	eP	42 18.00	-0.7
TRI	44.94	299	eP	42 20.20	0.3
CDF	48.51	304	eP	42 48.20	0.1
BSF	48.98	304	eP	42 52.00	0.2
	0.9s	12.10nm		4.9mb	
LPG	49.71	301	eP	42 57.20	-0.5
	0.8s	4.00nm		4.5mb	
FRF	50.43	298	eP	43 02.70	-0.1
	1.1s	10.60nm		4.7mb	
SMF	51.26	303	eP	43 08.70	-0.4
AVF	51.53	303	eP	43 10.80	-0.3
	0.9s	10.90nm		4.8mb	
GRC	51.54	304	iPc	43 11.30	0.1
BGF	51.93	303	eP	43 13.80	-0.4
	0.9s	4.70nm		4.4mb	
MZF	52.22	303	eP	43 16.70	0.3
	1.1s	10.30nm		4.7mb	
EKA	52.76	315	P	43 19.00	-1.3
	0.9s	7.30nm		4.6mb	
BNG	61.90	251	iPc	44 24.60	-0.8
	0.8s	16.00nm		5.2mb	
			i	44 29.80	
MBC	64.36	4	eP	44 40.00	-0.8
	0.7s	22.00nm		5.4mb	
INK	70.55	11	eP	45 19.00	-0.7
COL	70.78	18	eP	45 21.00	-0.2
YKA	78.25	5	eP	46 05.20	1.1
YKC	78.27	5	eP	46 04.50	0.2
	0.8s	16.00nm		5.1mb	
KIC	78.41	269	eP	46 06.30	0.4
PNT	90.78	10	iP	47 08.00	0.4
	0.8s	10.00nm		5.2mb	
	S.D. = 0.9	on 36 of 42 obs.			

* SEP 01, 1985 23h 37m 32.17± 1.15s
38.798 N ± 8.1km 20.735 E ±17.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.7 (ATH).

VLS	0.63	190	ePg	37 44.50	-0.3
KZN	1.71	28	ePb	38 01.50	-0.7
			eSg	38 27.00	
OHR	2.31	1	ePn	38 12.20	1.3
ATH	2.48	108	ePn	38 14.00	0.7
			eSn	38 48.00	
VAY	2.89	29	iPn	38 18.00	-1.0
			iSn	39 04.00	
	S.D. = 1.4	on 5 of 5 obs.			

? SEP 02, 1985 01h 28m 19.07± 1.99s
2.263 N ±17.0km 126.502 E ±33.9km
DEPTH = 73.5 ± 23.1 km
MOLUCCA PASSAGE (266)

CGP	6.41	344	iPd	29 53.50	0.6
MTN	15.70	163	iPd	31 56.30	-1.0
WRA	23.37	161	iPd	33 21.90	-0.1
BJI	38.75	347	eP	35 36.50	-1.4
CAN	42.91	153	eP	36 13.10	0.9
WAM	43.59	153	eP	36 18.30	0.7
PKI	46.64	307	eP	36 42.60	0.1
KKN	46.84	307	eP	36 44.20	0.2
	0.5s	11.00nm		5.0mb	
	S.D. = 1.1	on 8 of 8 obs.			

SEP 02, 1985 01h 32m 53.43± 0.80s
17.093 N ± 7.7km 119.267 E ± 6.4km
DEPTH = 40.6 ± 8.7 km
5.0mb (10 obs.)
PHILIPPINE ISLANDS REGION (248)

SZP	1.22	68	iPd	33 16.00	1.7
			iS	33 46.00	
BAG	1.43	118	iPc+	33 16.00	-1.4
PIP	1.78	46	ePd	33 20.50	-1.7
			iS	33 47.00	
CVP	2.51	76	eP	33 33.50	0.8
			eS	34 04.00	
MAN	2.98	144	iPc	33 40.50	1.1
			eS	34 14.00	
QCP	3.00	144	eP	33 44.00	4.4X
LOE	16.76	274	eP	36 46.00	-0.9
KMI	17.36	300	eP	36 54.50	-0.1
CHG	19.41	278	eP	37 21.00	1.7
BJI	23.02	354	eP	37 56.00	0.2
PSI	24.58	237	ePc	38 11.70	0.6
	0.7s	14.20nm		4.6mb	
PKI	32.91	294	eP	39 25.90	-0.7
	0.8s	24.00nm		5.1mb	
KKN	33.07	295	eP	39 27.20	-0.6
	0.8s	31.00nm		5.2mb	
DMN	33.18	294	eP	39 28.60	-0.3
WRA	39.67	157	eP	40 22.10	-1.4
GBA	40.43	271	P	40 29.50	-0.4
KJF	75.44	333	iP	44 34.50	-0.2
	0.6s	23.50nm		5.3mb	
COL	75.92	26	eP	44 37.00	-0.4
KRP	76.04	137	eP	44 45.80	7.3X
INK	80.45	21	eP	45 02.00	-0.1
UPP	81.09	330	iP	45 05.40	-0.2
CLO	82.54	315	iPd	45 04.00	-9.5X
KRA	82.91	320	eP	45 15.40	0.1
DAG	83.08	351	iPc	45 14.50	-1.2
	0.6s	16.00nm		5.3mb	
NB2	83.63	332	P	45 18.60	-0.3
	0.7s	5.50nm		4.8mb	
VAY	83.79	311	eP	45 18.30	-1.7
SKO	84.40	312	iP	45 23.50	0.4
OHR	85.13	311	eP	45 24.00	-2.8
PRU	86.20	321	P	45 32.60	0.7
BRG	86.22	322	iP	45 32.40	0.4
	1.2s	15.00nm		5.1mb	
CLL	86.60	323	eP	45 34.00	0.2
KHC	87.11	321	iPc	45 37.20	0.8
OSS	90.22	319	eP+	45 52.10	0.7
SAX	90.47	320	eP+	45 53.00	0.3
LLS	90.85	320	eP+	45 54.70	0.4
CDF	91.19	322	eP	45 56.70	1.0
	0.7s	3.00nm		4.8mb	
TMA	91.26	319	eP+	45 56.00	-0.2
BSF	91.75	321	eP	45 59.20	0.9
	0.7s	4.00nm		4.9mb	
MMK	91.85	320	eP+	45 59.80	0.8
DIX	92.18	320	eP+	46 01.50	0.9
LPG	92.86	319	eP	46 04.50	0.8
	0.8s	5.90nm		5.1mb	
SMF	94.08	321	eP	46 08.60	-0.3
AVF	94.30	322	eP	46 10.30	0.4
	S.D. = 1.0	on 40 of 43 obs.			

* SEP 02, 1985 02h 13m 34.26± 0.66s
43.245 N ±17.1km 46.873 E ±10.1km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
EASTERN CAUCASUS (337)
Felt (IV) at Kizilyurt and (III) at Mokhachkala.

ANTO	11.08	257	e(P)	16 19.00	5.5X
JER	14.71	223	eP	17 11.50	9.7X
PRNI	15.99	220	eP	17 24.50	6.3X
KJF	23.67	339	iP	18 47.40	4.2X
	0.5s	15.40nm		4.8mb	
KBA	23.84	291	i(P)	18 51.10	5.8X
	0.5s	2.70nm		4.0mb	
CLL	24.18	301	e(P)	19 01.00	12.7X
UPP	24.34	323	iP	18 49.80	0.0
DMN	34.51	104	eP	20 21.90	0.2
	0.4s	13.00nm		5.2mb	X
KKN	34.52	104	eP	20 21.60	-0.2
	0.4s	9.00nm		5.1mb	X
PKI	34.74	104	eP	20 23.70	-0.1
	0.5s	13.00nm		5.1mb	X
BNG	46.07	221	iPc	21 57.00	0.1
	0.5s	8.00nm		4.9mb	
KIC	58.26	246	iP	23 27.80	-0.2
	S.D. = 0.2	on 6 of 12 obs.			

• SEP 02, 1985 02h 47m 13.32± 1.29s
46.003 N ± 6.4km 14.532 E ±11.5km
DEPTH = 5.0km (geophysicist)
YUGOSLAVIA (383)
ML 1.8 (KBA), 1.6 (TRI).

LJU	0.04	2	iPgc	47	14.70	0.0
			iSg	47	17.00	
CEY	0.27	196	ePg	47	19.30	0.4
			iSg	47	24.50	
VOY	0.45	274	iPgc	47	22.50	0.2
			iSg	47	32.00	
TRI	0.61	242	e(Pg)	47	25.60	0.0
KBA	1.35	323	iPgd	47	39.50	0.6
			iSg	47	57.20	

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

• SEP 02, 1985 04h 41m 57.66± 1.00s
36.692 N ±12.8km 3.189 W ±24.5km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)

TOL	3.26	348	ePn	42	50.00	0.2
			eSn	43	20.00	
			eSb	43	28.00	
			iSg	43	35.50	
IFR	3.54	207	ePn	42	54.00	0.0
			iSn	43	47.50	
EBR	5.03	34	eP	44	10.00	55.2X
EPF	6.89	22	Pn	43	41.50	0.3
			Sn	44	50.80	
MLS	7.07	26	eP	43	45.20	1.6
			e	44	56.50	
LPO	8.65	21	Pn	44	04.80	-0.9
			Sn	45	32.50	
LFF	8.76	19	Pn	44	07.50	0.3
CAF	9.14	24	Pn	44	12.20	-0.3
			Sn	45	43.30	
RJF	9.31	21	Pn	44	13.50	-1.3

S.D. = 1.0 on 8 of 9 obs.

• SEP 02, 1985 04h 55m 31.13± 1.38s
1.315 N ±11.4km 99.248 E ±16.3km
DEPTH = 33.0km (normal)
NORTHERN SUMATERA (706)

PSI	1.41	347	iPd	55	55.70	1.0
			eS	56	15.00	
PPI	2.10	147	eP	56	04.50	-0.2
			e(S)	56	32.00	
TSI	2.28	343	iPc	56	06.50	-0.6
IPM	3.70	29	ePd	56	26.60	-0.7
			e	56	41.10	
KGM	4.13	80	ePd	56	34.00	0.5

S.D. = 1.1 on 5 of 5 obs.

SEP 02, 1985 06h 05m 30.16± 0.47s
40.265 N ± 5.8km 27.103 E ± 3.9km
DEPTH = 11.1 ± 3.8 km
TURKEY (366)

EDC	0.59	82	iPg	05	42.30	0.4
BNT	0.63	81	iPg	05	42.00	-0.7
EZN	0.74	234	iPg	05	45.10	0.5
CTT	1.34	48	ePn	05	54.60	-0.1
OMK	1.63	17	iPn	05	59.10	0.2
ISK	1.69	61	iPn	05	59.60	-0.1
IZM	1.87	176	iPn	06	02.70	0.3
KDZ	1.91	317	iPd	06	03.00	0.1
DIM	2.12	328	iP	06	06.00	0.1
JMB	2.23	350	eP	06	08.00	0.4
GPA	2.45	88	ePn	06	11.50	0.8
PLO	2.58	316	iPd	06	14.00	1.5
MMB	2.88	298	iPd	06	17.00	0.2
VAY	3.60	289	iPn	06	26.90	-0.1
VTS	3.75	310	iP	06	22.00	-7.1X
TLB	4.38	9	eP	06	49.00	11.0X
SKO	4.61	294	e(Pn)	06	55.00	13.7X
OHR	4.87	282	ePn	06	44.50	-0.6
CFR	4.98	9	eP	06	46.00	-0.5
MLR	5.29	351	iPc	06	52.00	0.9
CVO	5.60	353	iPd	06	56.00	0.7
VRI	5.61	357	iPd	06	56.00	0.5
CLO	5.76	328	iPc	06	55.00	-2.5

S.D. = 0.9 on 20 of 23 obs.

• SEP 02, 1985 06h 24m 12.93± 1.82s
32.892 S ± 5.7km 71.733 W ±15.4km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.61	98	iPd	24	25.00	-0.4
PEL	0.92	106	iPd	24	30.00	-0.5
			i(S)	24	44.00	
JACH	0.98	78	iPc	24	30.00	-1.7
TACH	1.01	139	iPc	24	31.70	-0.4
			iS	24	46.10	
SAN	1.06	122	iPc	24	32.50	-0.4
			i(S)	24	48.70	
			i	24	49.60	
LNV	1.09	166	iPd	24	33.10	-0.4
			iS	24	48.20	
PCH	1.25	126	iPc	24	35.70	-0.6
CHCH	1.38	139	iPd	24	38.20	0.0
MDZ	2.43	91	iP	24	54.70	1.4
			iS	25	27.60	
RTCB	2.85	61	ePc	24	58.90	-0.5
			S	25	38.40	
RTCV	2.89	70	eP	25	01.00	1.1
ZON	2.92	63	eP	25	01.00	0.7
RTMQ	2.94	63	e(P)	25	02.00	1.3
RTLL	3.18	62	iPc	25	03.40	-0.6
			S	25	47.00	
CFA	3.23	68	ePd	25	04.20	-0.4
			S	25	48.50	
RFA	3.30	125	ePc	25	06.20	0.4
VCA	5.13	37	e(P)	25	30.00	-1.8
			S	26	37.50	
SLA	9.80	35	e(P)	26	56.00	18.9X

S.D. = 1.0 on 17 of 18 obs.

SEP 02, 1985 08h 37m 00.28± 0.24s
28.165 N ± 4.5km 140.714 E ± 4.1km
DEPTH = 33.0km (normal)
5.1mb (14 obs.) 4.7Msz (2 obs.)
BONIN ISLANDS REGION (212)

KYS	7.03	356	eP	38	42.80	-0.7
OYM	7.34	351	eP	38	47.70	-0.2
SRY	7.52	351	eP	38	49.30	-1.1
DDR	7.92	351	eP	38	57.70	1.7
TSK	8.04	357	eP	38	57.30	-0.4
MAT	8.62	346	iPd-	39	06.90	1.2
	0.5s		16.20nm			5.4mb
			eS	40	36.00	
SHK	9.35	315	eP	39	19.10	3.3X
			eS	40	53.50	
GUMO	15.01	164	eP	40	35.00	3.2X
PJG	15.01	164	eP	40	35.30	3.6X
GUA	15.07	164	eP	40	34.90	2.4
	0.8s		77.61nm			5.0mb
SSE	17.23	284	P-	41	07.00	7.1X
	N 11s		2.40um			
			sP	42	31.00	
			S	44	24.00	
SSE	17.23	284	Pd	41	02.00	2.1
ANP	17.41	265	eP	41	04.00	1.6
MDJ	18.67	335	eP	41	16.00	-1.7
			PP	41	32.00	
			S	44	36.00	
DL2	19.14	309	eP	41	23.00	-0.4
NJ2	19.30	287	Pc	41	26.00	0.7
			S	45	04.00	
SNY	19.52	319	eP	41	28.60	0.9
CN2	19.85	326	eP	41	33.60	2.4
CVP	20.25	243	ePd	41	37.00	1.4
TIA	21.48	298	eP	41	47.50	-0.6
BAG	21.96	242	eP	41	52.00	-1.2
			e	43	22.00	
			eS	46	46.00	
BJI	23.44	307	eP	42	08.00	0.7
			e	42	26.00	
			e	43	36.00	
			eS	46	23.00	
HKC	24.68	262	eP	42	22.00	2.5
			esP	43	51.00	
			eS	46	51.00	
GZH	25.16	265	eP	42	25.50	1.4
DAV	25.39	217	eP	42	26.00	-0.3
			eS	47	06.00	
TIY	25.49	299	eP	42	27.00	-0.2
HHC	27.02	306	eP	42	41.00	-0.3
XAN	27.78	290	eP	42	47.00	-1.2
BTO	28.06	304	Pc	42	51.00	0.2
			ePP	43	42.50	
			S	47	33.50	
QIZ	29.65	259	eP	43	06.00	0.9
			S	47	59.00	
GYA	30.25	275	P	43	11.00	0.4
LZH	32.06	294	Pc	43	26.50	0.0
			S	48	40.00	
CD2	32.18	284	eP	43	26.50	-0.9
			eS	48	32.00	
			sS	48	44.00	
			SS	50	10.00	
KMI	33.99	274	eP	43	42.50	-0.9
	N 15s		4.00um			
			S	49	10.00	
			sS	49	17.00	
GTA	35.52	299	Pc	43	56.30	0.0
			PP	45	25.70	
			S	49	50.50	
LOE	37.36	262	eP	44	12.00	0.3
PMG	37.87	170	eP	44	12.00	-3.9X
CHG	39.26	266	eP	44	28.00	0.2
NST	39.47	260	eP	44	30.00	0.6
ADK	39.53	41	P	44	30.00	0.5
MTN	41.81	194	eP	44	47.00	-1.6
LSA	43.14	284	P	45	00.60	0.6
			eS	51	29.00	
SHL	43.41	278	iP	45	02.00	0.1
			iS	51	28.00	
IPM	44.40	245	ePc	45	09.00	-0.8
			e	46	38.90	
WMQ	44.89	305	Pd	45	13.50	-0.1
			sP	45	24.60	
			S	51	52.00	
PSI	47.20	245	ePc	45	31.50	-0.5
WRA	48.22	188	iPc	45	38.00	-1.9
CTA	48.27	173	eP	45	39.00	-1.2
PKI	48.52	283	P	45	43.40	0.7
	0.9s		46.00nm			5.5mb
KKN	48.58	283	P	45	43.00	0.0
DMN	48.78	283	eP	45	44.80	0.3
	0.8s		50.00nm			5.6mb
KSH	53.92	300	Pc	46	24.00	1.1
NDI	55.22	287	eP	46	31.00	-1.5
			eS	54	20.00	
WBN	55.68	195	eP	46	35.00	-0.7
NOU	55.99	151	iPc	46	35.80	-2.2
PMR	56.24	33	P	46	38.00	-1.3
	1.5s		54.05nm			5.4mb
COL	57.03	29	eP	46	44.00	-1.0
	0.9s		10.08nm			4.9mb
			e	48	15.00	
HY8	57.77	274	eP	46	51.00	0.1
AJM	58.33	285	eP	46	52.00	-2.5
GBA	60.28	270	P	47	09.00	0.7
PDO	61.48	277	iP	47	16.00	-0.4
KOD	61.70	267	eP	47	18.00	-0.3
BOM	62.25	278	eP	47	27.00	5.5X
			eS	55	52.00	
INK	62.61	25	eP	47	22.00	-1.2
QUE	63.34	292	eP	47	28.00	-0.8
			eS	48	58.00	
KEV	71.54	340	iP	48	18.00	-1.5
	0.6s		10.40nm			5.0mb
			e	49	48.00	
YKA	71.82	28	eP	48	22.50	1.2
SOD	72.93	338	eP	48	26.00	-1.8
			i	49	55.80	
KRP	73.39	152	P	48	30.70	0.0
			PP	49	59.00	
KJF	74.26	335	eP	48	34.00	-1.5
			e	50	04.00	
PNT	75.05	42	eP	48	40.00	-0.4
	1.0s		14.00nm			4.9mb
SUF	75.67	334	iP	48	41.90	-1.7
	0.5s		3.80nm			4.6mb
EDM	76.74	36	eP	48	50.00	0.1
WDC	76.98	51	eP	48	52.50	1.1
NEW	77.00	42	eP	48	52.00	0.6
			e	50	21.00	
NUR	77.52	333	iP	48	54.00	0.0
	0.6s		6.50nm			4.8mb
	Z 21s		0.30um			4.6Msz
			e	50	23.00	
			LR	26	40.00	
ORV	78.15	52	eP	48	57.50	-0.4
ARN	79.12	54	P	49	04.00	0.7
SES	79.41	38	ePc	49	04.00	-0.6

02d 08h

			pP	50	35.00	403kmX
JAS1	79.64	53	P	49	07.00	0.9
	2.0s	46.15nm				5.1mb
FRI	80.58	53	eP	49	11.90	0.9
BMN	80.65	49	eP	49	12.90	1.3
UPP	80.67	335	iP	49	10.10	-0.9
LRM	80.98	43	eP	49	13.50	0.2
MNA	80.98	51	eP	49	14.00	0.6
HPI	81.67	45	P	49	19.00	2.0
EUR	81.95	50	iP	49	17.80	-0.7
	0.5s	1.46nm				4.3mb
ISA	82.09	54	eP	49	18.00	-1.1
NB2	82.14	338	P	49	17.00	-1.8
	0.9s	4.90nm				4.5mb
CLC	82.64	53	eP	49	20.00	-1.9
YMT3	82.99	52	P	49	24.00	0.2
SBB	83.03	54	eP	49	25.00	1.0
			e	50	55.00	
GSC	83.45	54	eP	49	27.00	0.8
NOP	83.50	53	P	49	28.00	1.6
DUG	83.68	48	P	49	28.50	1.2
PLM	84.38	55	eP	49	28.00	-3.0X
TPC	84.59	54	eP	49	26.00	-5.9X
MLR	85.78	320	eP	49	42.00	4.3X
GLA	86.00	55	eP	49	40.00	1.1
RSSD	86.88	41	eP	49	45.00	1.8
RSON	87.85	31	P	49	46.00	-1.5
GOL	88.71	45	eP	49	54.50	2.3
	2.0s	38.14nm				5.4mb
GLD	88.77	45	P	49	53.00	0.6
KHC	89.78	328	P	49	55.50	-1.3
VAY	90.28	318	eP	49	57.80	-1.4
ALQ	90.79	49	eP	50	00.00	-1.9
SPA	118.00	180	e(PKP)	55	42.00	-2.6X
ZOBO	150.88	72	PKP	56	47.30	0.8
	1.1s	14.50nm				
	Z 25s	0.55um				5.3MszX
			LR	47	40.00	
LPB	151.02	73	PKPd	56	47.70	1.2
	Z 22s	0.19um				4.8Msz
			LR	49	05.00	
CNCB	151.25	73	PKP	56	48.00	1.0
ATB	152.36	29	e(PKP)	56	47.00	-1.0
CCH	153.07	72	ePKP	56	53.00	3.7X
			e	58	39.00	
TPZ	155.13	80	ePKP	56	55.00	3.0X
	S.D. = 1.2	on 101 of 113 obs.				

* SEP 02, 1985 08h 38m 29.94± 0.46s
28.122 N ±11.6km 140.691 E ± 9.1km
DEPTH = 33.0km (normal)
5.3mb (13 obs.)
BONIN ISLANDS REGION (212)

MAT	8.65	347	(P)	40	43.00	7.2X
NJ2	19.29	287	Pc	42	56.90	2.0
QZH	20.02	266	Pc	43	05.00	2.2
			S	46	42.50	
WHN	23.08	282	eP	43	35.00	1.4
			S	47	50.00	
HHC	27.02	306	Pc	44	10.80	-0.2
GYA	30.23	275	P	44	40.00	-0.1
CD2	32.17	284	P	44	59.00	2.0
ADK	39.58	41	P	45	52.00	-7.6X
MTN	41.76	194	eP	46	17.00	-0.9
SNG	43.21	249	eP	46	31.00	1.2
WRA	48.18	188	iPd	47	08.20	-1.0
ASPA	51.90	188	eP	47	36.00	-1.6
	1.0s	39.00nm				5.3mb
WBN	55.63	195	eP	48	05.00	0.0
PMR	56.29	33	P	48	08.00	-1.4
	2.0s	178.34nm				5.8mb
COL	57.08	29	eP	48	15.00	0.0
HYB	57.75	274	eP	48	25.00	4.6X
GBA	60.26	270	P	48	38.00	0.2
INK	62.65	25	eP	48	52.00	-1.1
PNT	75.09	42	eP	50	10.00	-0.3
	1.2s	32.00nm				5.2mb
NEW	77.04	42	P	50	21.00	-0.4
	2.0s	157.69nm				5.7mb
ARN	79.16	54	P	50	35.50	2.3
JAS1	79.69	53	P	50	37.00	1.0
	2.0s	76.92nm				5.4mb
BMN	80.69	49	P	50	43.00	1.5
HPI	81.72	45	P	50	48.00	1.1
NB2	82.17	338	P	50	47.40	-1.2
	0.8s	8.80nm				4.9mb
YMT3	83.03	52	P	50	54.50	0.9
NOP	83.54	53	P	50	58.00	1.7
DUG	83.72	48	P	50	58.00	0.8
AKU	85.07	351	iP	51	05.00	1.8
	1.3s	61.54nm				5.6mb
VRI	85.14	320	eP	51	03.50	-0.5
GLA	86.04	55	P	51	10.00	1.2
KRA	86.14	326	eP	51	06.60	-2.2
RSSD	86.92	41	P	51	14.00	0.9
	2.0s	47.17nm				5.4mb
KSP	87.35	328	eP	51	13.00	-1.7
RSON	87.89	31	P	51	17.00	-0.3
	1.0s	11.00nm				5.1mb
BRG	88.40	329	eP	51	17.30	-2.5
	1.6s	14.00nm				5.0mb
			e	51	52.00	
CLL	88.51	330	eP	51	18.00	-2.3
	1.5s	17.00nm				5.1mb
GOL	88.75	45	P	51	23.00	0.9
	2.0s	46.61nm				5.5mb
PRU	88.75	329	eP	51	25.00	3.5X
	Z 14s	0.70um				5.2MszX
	N 16s	0.50um				
	E 13s	0.50um				
KHC	89.80	328	iPc	51	25.50	-1.0
ALQ	90.83	49	P	51	32.00	0.2
	2.2s	29.94nm				5.2mb
OHR	91.46	319	eP	51	32.00	-2.4
VOY	91.85	326	eP	51	33.90	-2.2
	S.D. = 1.5	on 39 of 43 obs.				

* SEP 02, 1985 08h 57m 08.93± 0.85s
23.493 N ±10.6km 102.863 E ±20.6km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
YUNNAN PROVINCE, CHINA (318)

KMI	1.63	356	iPn-	57	37.50	1.6
			Sn	58	00.00	
GYA	4.54	49	Pn	58	18.60	1.3
			Pg	58	41.40	
			Sg	59	40.60	
CHG	5.92	219	eP	58	37.00	0.3
LOE	6.15	198	eP	58	40.00	0.1
BDT	7.19	211	eP	58	54.00	-0.5
CD2	7.43	6	ePn	58	57.00	-0.8
GZH	9.64	90	eP	59	37.00	8.5X
MCO	9.96	96	eP	00	23.10	50.2X
XAN	11.77	25	eP	59	55.50	-2.1
WHN	12.41	53	eP	00	12.50	6.4X
WRA	52.97	142	Pc	06	31.40	6.7X
	0.7s	1.90nm				4.2mb
	S.D. = 1.6	on 7 of 11 obs.				

? SEP 02, 1985 09h 13m 54.91± 0.99s
27.940 N ±16.1km 141.046 E ±19.6km
DEPTH = 33.0km (normal)
4.9mb (4 obs.)
BONIN ISLANDS REGION (212)

MAT	8.91	345	(P)	16	10.00	5.7X
WRA	48.04	188	eP	22	32.70	-0.4
PKI	48.86	283	eP	22	39.20	-0.7
	1.0s	14.00nm				4.9mb
KKN	48.92	284	eP	22	41.60	1.4
	1.0s	28.00nm				5.2mb
DMN	49.11	283	eP	22	41.00	-0.7
	0.8s	10.00nm				4.9mb
ASPA	51.77	188	eP	23	02.00	0.4
	0.6s	10.00nm				5.0mb
COL	57.08	29	eP	23	40.00	0.0
	S.D. = 1.1	on 6 of 7 obs.				

* SEP 02, 1985 09h 31m 23.44± 0.64s
17.678 S ±19.0km 172.924 W ±13.2km
DEPTH = 33.0km (normal)
5.1mb (3 obs.)
TONGA ISLANDS REGION (174)

NUE	3.17	117	P	32	02.00	-10.1X
			S	32	33.00	
SGE	8.73	269	eP	33	30.00	-0.5
MGO	8.90	268	eP	33	41.80	9.0X
YSA	9.13	275	eP	33	45.60	9.6X
GNZ	22.34	199	P	36	24.00	4.2X
KRP	22.57	204	P	36	26.00	3.9X
			(pP)	36	36.80	42kmX
TCW	25.91	202	e(P)	37	00.00	3.8X
CTA	38.63	260	eP	38	45.00	-0.7
WRA	49.80	259	eP	40	14.30	-1.2
ASPA	49.88	254	eP	40	16.00	0.0
	0.6s	46.00nm				5.7mb
WBN	56.34	250	eP	41	04.00	0.1
			e	46	07.00	
S8A	61.03	185	e(P)	41	34.50	-1.2
MUN	64.87	242	eP	42	03.00	1.1
SPA	72.43	180	e(P)	42	49.50	1.1
ALQ	81.92	50	eP	43	41.00	-0.6
	1.0s	4.00nm				4.4mb
COL	84.54	10	eP	43	54.00	0.0
	0.8s	13.43nm				5.2mb
SES	86.81	34	eP	44	05.00	-0.7
EDM	87.18	31	eP	44	07.00	-0.4
BJI	87.36	313	eP	44	11.00	2.6X
PSI	89.05	273	eP	44	20.00	2.8
NAI	145.19	240	ePKP	50	59.00	-1.5
	0.5s	21.13nm				
KRA	146.08	345	ePKP	51	03.00	2.3X
			e	51	13.20	
KSP	146.10	350	iPKPc	51	03.20	2.5X
CLL	146.12	353	iPKPd	51	02.50	1.8
	1.7s	35.00nm				
			e	51	28.00	
BRG	146.43	352	iPKPc	51	03.30	2.1X
			i	51	14.20	
			i	51	22.30	
MOX	146.91	355	ePKP	51	05.00	3.0X
	1.6s	31.00nm				
PRU	147.21	351	ePKP	51	06.00	3.5X
			e	51	15.50	
MLR	148.11	334	ePKPd	51	08.00	3.7X
KHC	148.19	352	iPKPc	51	08.90	4.8X
			e	51	22.10	
			e	51	49.90	
ZST	148.48	347	e(PKP)	51	09.80	5.2X
SRO	148.56	345	ePKP	51	09.50	4.8X
SOP	149.08	347	ePKPd	51	12.00	6.5X
K8A	150.23	351	ePKP	51	13.00	5.5X
MOI	150.86	304	ePKP	51	15.00	6.3X
VOY	151.17	350	ePKP	51	15.60	6.7X
PRNI	151.63	302	ePKP	51	19.00	9.0X
OHR	153.83	336	ePKP	51	22.50	9.7X
	S.D. = 1.3	on 15 of 37 obs.				

SEP 02, 1985 09h 36m 31.94± 0.59s
28.014 N ± 8.0km 140.783 E ± 9.0km
DEPTH = 33.0km (normal)
5.1mb (6 obs.)
BONIN ISLANDS REGION (212)

MAT	8.78	346	(P)	38	40.00	0.4
	0.6s	10.00nm				5.1mb
NJ2	19.40	287	eP	40	59.20	1.1
TIA	21.61	298	Pc	41	20.90	-0.1
BJI	23.58	307	eP	41	40.00	-0.4
TIY	25.62	299	P	42	00.80	0.7
HHC	27.15	306	eP	42	13.40	-0.8
XAN	27.89	290	eP	42	19.80	-1.1
GYA	30.32	275	eP	42	42.60	-0.3
CD2	32.27	284	eP	42	59.30	-0.6
GTA	35.65	299	P	43	28.50	-0.5
CHG	39.31	266	eP	44	01.00	1.2
WRA	48.08	188	iPc	45	11.10	0.7
PKI	48.62	283	eP	45	15.10	0.1
	1.0s	20.00nm				5.1mb
KKN	48.68	284	eP	45	15.30	-0.1
	1.0s	42.00nm				5.4mb
DMN	48.87	283	eP	45	17.30	0.4
	0.8s	23.00nm				5.3mb
ASPA	51.81	188	eP	45	38.00	-0.9
	1.0s	17.00nm				5.0mb
COL	57.13	29	eP	46	17.00	-0.4
	0.9s	6.72nm				4.7mb
NEW	77.07	42	eP	48	24.00	0.5
	S.D. = 0.7	on 18 of 18 obs.				

SEP 02, 1985 10h 39m 09.46± 0.47s
27.054 N ± 6.4km 142.842 E ± 7.4km
DEPTH = 33.0km (normal)
4.8mb (7 obs.)
BONIN ISLANDS REGION (212)

KYS	8.44	345	eP	41	11.70	-0.7
OYM	8.89	341	eP	41	17.30	-1.3

SRY	9.06	341	eP	41	19.80	-1.1
TSK	9.42	346	eP	41	24.20	-1.7
DDR	9.44	342	eP	41	25.00	-1.3
MAT	10.24	339	IPd	41	36.60	-0.7
SNY	21.60	318	eP	44	00.50	2.1
TIA	23.67	299	eP	44	18.40	-0.4
WHN	25.18	285	eP	44	34.50	1.1
XAN	29.93	292	P	45	15.80	-1.0
GYA	32.24	277	eP	45	38.60	1.3
CD2	34.29	286	IPc	45	54.30	-0.6
KMI	35.96	276	eF	46	09.50	0.0
GTA	37.71	300	IPc	46	24.70	0.8
CHG	41.09	268	eP	46	52.50	0.5
IPM	45.70	248	ePd	47	29.30	-0.1
WMQ	47.07	306	P	47	41.50	1.5
WRA	47.44	191	IPd	47	40.70	-2.3
PSI	48.48	248	eP	47	51.00	-0.2
PKI	50.62	285	eP	48	08.20	0.3
	0.8s		11.00nm			4.9mb
KKN	50.68	285	eP	48	08.90	0.7
	0.8s		27.00nm			5.3mb
DMN	50.87	285	eP	48	10.30	0.5
	0.6s		9.00nm			4.9mb
ASPA	51.16	191	eP	48	09.00	-2.5
	0.8s		10.00nm			4.8mb
COL	57.10	28	e(P)	48	55.50	0.8
NDI	57.36	288	e(P)	48	56.50	-0.5
GBA	62.18	272	P	49	30.00	-0.4
			e	49	39.90	
INK	62.83	25	eP	49	34.00	0.2
KEV	73.21	341	eP	50	44.00	5.4X
SOD	74.65	339	eP	50	47.00	0.1
KJF	76.05	336	eP	50	56.00	1.0
EDM	76.50	37	ePc	50	58.50	0.8
NEW	76.54	43	eP	50	58.00	-0.1
SUF	77.47	335	IP	51	04.30	1.4
	0.5s		3.30nm			4.6mb
SES	79.10	39	ePc	51	12.50	0.4
LRM	80.50	43	eP	51	20.20	0.2
EUR	81.22	50	IP	51	24.80	0.9
	0.1s		17.24nm			6.0mb X
NB2	83.87	339	P	51	36.80	-0.1
	1.1s		5.10nm			4.6mb
ALQ	90.06	50	eP	52	08.20	0.4
	1.0s		3.00nm			4.5mb
ZOBO	149.36	76	PKP	58	58.60	5.2X
	1.0s		9.50nm			
LPB	149.50	76	PKP	58	58.20	4.8X
CNCB	149.72	77	IPKP	58	59.50	5.6X
CCH	151.55	76	ePKP	59	04.00	7.7X
TPZ	153.41	84	(PKP)	59	09.00	10.0X
	S.D. = 1.1		on 37 of 43 obs.			

& SEP 02, 1985 10h 55m 17.18s
60.015 N 153.397 W
DEPTH = 122.3km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.34	60	eP	55	34.52	1.3
AUH	0.65	182	iP	55	35.81	-1.0
			eS	55	50.55	
RDT	0.75	41	eP	55	36.94	-0.6
			eS	55	52.45	
NNL	1.06	88	eP	55	40.39	0.1
CNPM	1.20	113	iP	55	40.90	-0.9
			eS	55	59.30	
SPU	1.35	29	eP	55	42.40	-1.0
			eS	56	02.34	
CRP	1.40	25	eP	55	43.25	-0.9
CGLM	1.47	27	eP	55	43.78	-1.1
SVW	1.55	316	iP	55	44.85	-0.9
SLKM	1.66	71	eP	55	45.32	-1.7
SUA	1.95	41	eP	55	49.32	-1.4
MPA	2.07	75	eP	55	50.38	-1.6
PMS	2.26	55	eP	55	52.42	-2.1
			eS	56	19.41	
PTE	2.33	67	eP	55	52.71	-2.6
PWA	2.38	45	eP	55	55.03	-1.0
PWL	2.65	69	eP	55	57.87	-1.7
			eS	56	26.90	
GHO	2.81	49	eP	55	58.85	-2.9
KNIM	2.85	81	eP	55	59.77	-2.4
			eS	56	31.33	
MTU	2.89	88	eP	56	01.23	-1.5
			eS	56	33.61	
SML	3.06	52	eP	56	02.44	-2.6
GLI	3.24	72	eP	56	05.54	-1.9
FID	3.51	75	IP	56	08.05	-3.0
			eS	56	45.54	
VLZ	3.66	69	eP	56	10.79	-2.2
	23 obs. associated					

% SEP 02, 1985 11h 14m 40.66± 0.80s
40.173 N ± 7.5km 28.642 E ± 6.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BNT	0.58	289	IPg	14	52.00	-0.5
			ISg	15	01.00	
EDC	0.62	287	IPg	14	52.50	-0.7
			ISg	15	01.80	
ISK	0.95	19	IPn	14	59.50	0.8
CTT	0.99	351	ePn	14	59.50	0.1
GPA	1.28	84	IPn	15	03.40	-1.1
DMK	1.78	338	ePn	15	12.10	0.5
EZN	1.81	260	ePn	15	11.60	-0.5
IZM	2.07	212	ePn	15	17.20	1.3
	S.D. = 1.0		on 8 of 8 obs.			

SEP 02, 1985 11h 23m 52.07± 0.36s
5.393 S ± 4.1km 146.901 E ± 3.5km
DEPTH = 231.9 ± 4.1 km
5.1mb (16 obs.)
EAST PAPUA NEW GUINEA REGION (207)

MDG	1.13	277	IPc	24	26.00	-0.2
MNDI	3.31	257	IPc	24	49.00	1.3
WEW	3.74	299	eP	24	53.00	0.5
PMG	4.00	176	IPd	24	54.80	-0.8
RAB	5.38	77	IPc	25	13.00	0.3
	1.0s		600.00nm			5.6mb
TZZ	5.66	271	IPd	25	16.00	-0.2
ALOA	5.97	145	IPd	25	19.20	-0.9
BGA	8.27	96	eP	26	04.00	14.1X
			eS	27	29.00	
PAA	8.59	96	eP	25	55.00	1.0
VSG	13.27	108	eP	26	53.00	-0.1
			eS	28	44.00	
SVO	13.34	107	eP	26	52.00	-1.9
			e(S)	28	27.00	
HNR	13.54	108	IPc	26	56.00	-0.4
			iS	28	31.00	
CTA	14.62	182	IPd	27	10.90	1.2
	1.1s		196.20nm			5.4mb
			i	27	20.70	
			iS	29	55.00	
ISQ	16.82	204	eP	27	35.00	-0.8
MTN	17.23	243	IPc	27	39.30	-0.9
			eS	30	44.00	
WRA	18.94	219	IPd	27	57.50	-0.4
GUMO	18.96	354	eP	27	58.20	0.0
	0.8s		128.84nm			5.5mb
PJG	18.96	354	eP	27	58.10	-0.1
KNA	20.56	239	eP	28	15.00	0.8
RMO	21.05	175	eP	28	20.00	1.0
ASPA	22.07	213	IPd	28	30.30	1.4
			eS	32	17.00	
BRS	22.58	166	IPd	28	35.60	1.7
NOU	25.30	134	IPc	28	58.00	-1.3
STK	26.82	190	eP	29	12.00	-0.9
			e	29	27.00	
WBN	28.34	221	IPc	29	26.80	0.1
	0.4s		21.00nm			5.2mb
			e	35	05.00	
YOU	28.77	177	eP	29	30.40	-0.1
CAN	29.85	177	eP	29	39.50	-0.4
ADE	30.39	193	IPc	29	44.20	-0.5
	0.5s		32.39nm			5.2mb
MBL	30.57	237	eP	29	45.00	-1.4
	0.3s		6.00nm			4.7mb
WAM	30.71	177	eP	29	47.70	0.3
BFD	31.88	187	IPc	29	57.30	-0.3
	0.4s		30.00nm			5.3mb
VUN	33.28	115	IP	30	10.00	0.1
MEK	34.31	229	IPd	30	18.60	0.0
	0.5s		50.00nm			5.4mb
NAU	34.79	238	IPd	30	22.70	0.0
CRZ	37.48	144	P	30	46.00	0.9
MRWA	37.62	227	IPd	30	46.10	-0.3
	0.4s		22.00nm			5.1mb
KLB	37.74	223	IPc	30	46.30	-1.1
	0.3s		31.00nm			5.4mb
BAL	37.89	225	eP	30	48.00	-0.6
	0.4s		14.00nm			4.9mb
NWAO	38.91	222	eP	30	56.00	-1.0
MUN	39.03	224	eP	30	57.80	-0.2
RKG	39.77	220	eP	31	07.00	3.0X
	0.4s		12.00nm			4.7mb
KRP	41.57	145	P	31	20.00	1.4
MAT	42.50	350	IPd	31	25.80	-0.5
	0.6s		25.33nm			4.8mb
MSZ	43.23	158	P	31	33.00	0.9
TCW	43.25	150	P	31	32.60	0.3
GNZ	43.49	144	P	31	34.20	0.0
			S	37	51.00	
KMI	52.55	307	eP	32	45.50	1.1
SBA	73.17	176	eP	34	59.60	1.1
	0.9s		5.88nm			4.3mb
MAW	82.77	203	eP	35	51.00	0.1
SPA	84.64	180	IP	36	00.90	0.3
	1.0s		22.50nm			4.9mb
COL	84.66	23	eP	36	00.00	-0.5
	0.8s		15.67nm			4.9mb
INK	91.13	21	eP	36	31.00	-0.2
NEW	97.98	42	eP	37	03.00	0.1
CNCB	139.07	123	ePKP	42	45.00	-9.4X
LPB	139.10	123	ePKP	42	46.00	-8.3X
ZOBO	139.21	122	ePKP	42	46.00	-8.7X
KIC	151.78	273	ePKP	43	21.00	6.2X
	S.D. = 0.8		on 51 of 57 obs.			

& SEP 02, 1985 12h 04m 33.97s
60.460 N 152.106 W
DEPTH = 82.0km
SOUTHERN ALASKA (2)
<AGS-P>.

RDT	0.19	308	IP	04	45.99	1.4
			eS	04	55.34	
SPU	0.72	2	IP	04	49.91	-0.4
			eS	05	02.42	
SUA	1.21	33	IP	04	55.82	-0.3
			eS	05	12.72	
MPA	1.36	88	IP	04	56.91	-1.0
PMS	1.47	57	eP	04	59.21	-0.3
			eS	05	17.55	
PTE	1.57	74	IP	04	59.51	-1.1
PWA	1.61	41	eP	05	01.22	0.0
PME	1.90	51	eP	05	03.93	-1.2
PWL	1.90	76	IP	05	03.22	-1.9
KNK	2.02	60	eP	05	05.25	-1.5
			eS	05	30.63	
GHO	2.03	48	eP	05	05.63	-1.3
KNIM	2.17	91	IP	05	06.25	-2.6
			eS	05	31.45	
CFI	2.25	69	eP	05	07.46	-2.3
MTU	2.27	100	eP	05	08.40	-1.8
			eS	05	34.79	
SML	2.28	52	iP	05	08.67	-1.6
GLI	2.50	78	eP	05	10.52	-2.8
			eS	05	38.31	
FID	2.79	82	IP	05	13.62	-3.7
			eS	05	45.16	
VLZ	2.91	74	eP	05	16.30	-2.6
KLU	3.19	68	iP	05	20.31	-2.6
TOA	3.31	57	eP	05	23.25	-1.3
COL	4.88	22	eP	05	44.00	-2.4
	21 obs. associated					

SEP 02, 1985 12h 33m 16.19± 0.69s
26.596 N ± 5.4km 126.308 E ± 5.7km
DEPTH = 135.3 ± 6.6 km
4.9mb (13 obs.)
RYUKYU ISLANDS (238)

NAH	1.29	107	IP	33	41.10	-1.6
			iS	33	58.50	
ANP	4.54	253	eP	34	26.00	1.8
SSE	6.35	316	Pd	34	49.00	0.5
			Lg	36	22.30	
MAT	14.17	43	(P)	36	36.00	4.1X
BJI	15.84	330	eP	36	54.00	1.2
LOE	24.52	253	eP	38	24.00	-8.5
CHG	26.37	259	eP	38	41.50	-0.1
IPM	32.61	232	ePd	39	37.00	0.0
			e	40	05.80	
PKI	36.31	281	eP	40	07.60	-1.3
	0.5s		12.00nm			4.9mb
KKN	36.39	281	eP	40	09.00	-0.5
	0.8s		12.00nm			4.7mb

[illegible] 12h

[illegible] 46.91 170 eP 41 34.00 -0.9
[illegible] 47.41 264 P 41 39.00 0.1
[illegible] 48.80 260 eP 41 50.50 0.5
CTA 50.28 155 iPd 42 01.30 0.5
1.1s 18.99nm 4.8mb
ASPA 50.50 171 iPc 42 02.10 -0.3
0.6s 15.00nm 5.0mb
[illegible] 52.43 180 eP 42 16.00 -0.9
0.5s 16.00nm 5.1mb
[illegible] e 42 45.00
[illegible] 61.37 33 eP 43 20.40 0.7
ADE 62.34 169 iPc 43 26.10 -0.2
0.7s 21.92nm 5.2mb
KDC 63.30 36 eP 43 32.70 0.3
YOU 64.06 160 eP 43 38.50 0.9
PME 64.47 32 eP 43 39.50 -0.5
0.7s 14.30nm 5.0mb
COL 64.53 28 eP 43 40.00 -0.3
FBA 64.53 28 eP 43 40.40 0.1
CAN 65.21 160 eP 43 46.00 1.0
TOA 65.72 31 ePd 43 48.50 0.4
0.6s 26.80nm 5.3mb
WAM 65.98 160 eP 43 51.00 1.1
INK 69.23 23 iPd 44 09.90 0.1
SOD 69.37 336 iP 44 09.80 -0.9
KJF 70.01 333 eP 44 13.00 -1.6
0.5s 14.00nm 5.0mb
SUF 71.19 331 iP 44 20.20 -1.5
NUR 72.70 329 eP 44 30.00 -0.6
NB2 78.22 333 P 45 00.80 -1.1
1.0s 5.90nm 4.3mb
YKA 78.91 24 eP 45 07.30 1.7
KRA 79.76 321 eP 45 10.30 -0.1
VAY 82.37 312 eP 45 24.30 0.1
BRG 82.61 324 eP 45 25.40 0.1
0.9s 12.00nm 4.7mb
CLL 82.86 324 eP 45 26.00 -0.5
0.9s 9.00nm 4.6mb
EDM 85.19 31 eP 45 40.00 1.7
FFC 89.02 26 eP 45 57.50 0.7
0.7s 5.00nm 4.7mb
S.D. = 0.9 on 38 of 39 obs.

% SEP 02, 1985 12h 41m 59.41± 0.82s
60.294 N ± 6.4km 5.370 E ±10.7km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

ASK 0.21 335 iPgc 42 03.50 -0.4
eSg 42 06.60
ODD 0.74 117 iPg 42 13.60 -0.3
iSg 42 24.00
SUE 0.82 339 iPn 42 15.50 0.2
eSn 42 26.80
HYA 0.96 24 iPn 42 18.00 0.3
iSn 42 30.70
KMY 1.09 183 iPn 42 20.00 0.2
iSn 42 34.00
S.D. = 0.5 on 5 of 5 obs.

SEP 02, 1985 12h 49m 29.18± 0.71s
40.083 N ± 7.0km 28.625 E ± 5.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BNT 0.60 297 iPg 49 40.90 -0.5
iSg 49 50.50
EDC 0.64 295 iPg 49 41.50 -0.5
iSg 49 51.50
ISK 1.04 18 iPn 49 48.50 -0.2
[illegible] 1.07 352 ePn 49 49.30 -0.1
[illegible] 1.31 80 iPn 49 52.90 -0.5
[illegible] 1.79 262 iPn 50 01.60 1.3
[illegible] [illegible] 340 ePn 50 00.10 -1.2
[illegible] [illegible] 213 iPn 50 02.20 -1.1
[illegible] [illegible] 60 ePn 50 11.00 1.2
[illegible] [illegible] 303 eP 50 16.00 -0.7
YER [illegible] 185 ePn 50 23.50 6.4X
DIM 3.02 311 eP 50 28.00 10.1X
PLD 3.59 306 eP 50 53.00 27.0X
MMB 4.01 294 eP 50 33.00 1.0
VAY 4.77 287 ePn 50 52.50 9.8X
VTS 4.80 303 eP 50 44.00 0.9
MLR 5.75 341 eP 50 57.00 0.2
S.D. = 0.9 on 13 of 17 obs.

SEP 02, 1985 13h 52m 24.44± 1.02s
12.367 N ± 4.8km 144.022 E ± 6.4km
DEPTH = 38.0 ± 9.5 km
5.0mb (11 obs.) 4.4Msz (1 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUA 1.45 37 eP 52 48.50 -0.1
GUMO 1.47 34 eP 52 48.80 0.0
eS 53 07.40
PJG 1.47 34 eP 52 48.80 0.0
DAV 18.92 256 eP 56 50.00 5.2X
PMG 21.86 172 eP 57 16.00 0.2
AAI 22.40 226 e(P) 57 22.50 1.3
BAG 23.05 283 eP 57 29.00 1.2
ALOA 23.39 164 eP 57 32.00 1.2
TSK 24.00 352 eP 57 36.60 0.0
SHK 24.36 337 eP 57 40.40 0.3
MAT 24.63 349 iPc 57 41.90 -0.9
1.2s 65.63nm 5.1mb
Z 18s 1.03um 4.4Msz
eS 02 06.00
MTN 28.13 207 eP 58 14.00 -1.2
CTA 32.33 176 iPc 58 51.00 -1.4
0.7s 9.59nm 4.8mb
WRA 33.49 197 iPc 59 01.00 -1.6
BJI 36.91 323 eP 59 31.00 -0.4
ASPA 37.15 195 eP 59 33.00 -0.7
BRS 40.42 168 iPd 00 01.90 1.0
KMI 40.94 294 eP 00 07.00 1.5
KGM 41.61 259 eP 00 14.00 3.2X
WBN 41.87 204 eP 00 13.40 0.6
SNG 43.05 267 eP 00 26.00 3.4X
LZH 43.16 310 Pd 00 24.50 1.0
IPM 43.17 263 ePd 00 25.00 1.3
NAU 44.56 219 eP 00 35.00 0.3
0.5s 7.00nm 4.7mb
PSI 45.66 262 ePc 00 44.60 1.0
ADE 47.34 186 eP 00 56.70 0.1
WAM 48.51 175 eP 01 04.80 -0.9
MRWA 49.41 213 iPd 01 12.00 -0.7
0.8s 24.00nm 5.3mb
MUN 51.52 210 eP 01 27.00 -1.7
PKI 56.65 295 eP 02 06.60 -0.4
0.6s 18.00nm 5.3mb
KKN 56.78 295 eP 02 07.40 -0.4
0.9s 25.00nm 5.2mb
DMN 56.92 295 eP 02 08.50 -0.4
0.8s 40.00nm 5.5mb
HYB 63.22 283 eP 02 52.00 0.3
POO 67.56 285 iPc 03 19.50 -0.3
COL 69.67 25 eP 03 30.00 -2.0
QUE 72.80 298 eP 03 51.50 -0.2
INK 75.80 22 eP 04 07.00 -1.0
PNT 84.83 41 eP 04 57.00 0.5
0.6s 6.00nm 4.9mb
NEW 86.69 41 eP 05 06.50 0.8
KEV 87.42 342 eP 05 08.00 -0.8
EDM 87.62 36 eP 05 10.50 0.4
BMN 88.63 49 eP 05 16.70 1.3
0.8s 1.76nm 4.4mb
SOD 88.72 340 eP 05 13.00 -2.1
CLC 89.53 54 eP 05 20.00 0.4
SBB 89.64 55 eP 05 21.00 0.9
EUR 89.81 50 iP 05 22.20 1.1
0.8s 2.65nm 4.6mb
KJF 89.89 337 eP 05 19.00 -1.6
GSC 90.29 54 eP 05 24.00 0.8
LRM 90.44 43 eP 05 22.80 -1.1
PLM 90.75 56 eP 05 24.00 -1.5
TPC 91.20 55 eP 05 28.00 0.6
SUF 91.24 336 iP 05 25.90 -1.0
0.5s 4.10nm 5.1mb
GLA 92.48 56 eP 05 35.00 1.8
BNG 123.30 284 iPKPc 11 20.80 0.8
0.5s 4.00nm
KIC 143.80 299 e(PKP)11 56.20 -2.1X
ZOBO 148.63 101 PKP 12 09.00 2.1X
1.1s 10.73nm
LR 17 48.00
LPB 148.64 101 PKP 12 12.50 5.8X
CNCB 148.74 102 PKP 12 09.70 2.6X
TPZ 150.19 112 ePKP 12 15.00 6.1X
CCH 150.44 103 ePKP 12 11.00 1.7
SOB1 174.24 57 ePKP 12 35.10 3.4X
S.D. = 1.1 on 52 of 61 obs.

? SEP 02, 1985 14h 08m 41.58± 3.13s
21.841 S ±30.9km 179.233 W ±72.2km
DEPTH = 621.6 ± 34.4 km
4.7mb (2 obs.)
FIJI ISLANDS REGION (181)

VUN 4.39 330 iPd 10 11.00 -0.7
MGO 4.94 324 iPd 10 16.20 0.4
YSA 5.94 329 eP 10 24.00 0.3
KRP 16.65 195 P 12 05.00 0.1
CTA 32.24 267 iPd 14 23.10 0.4
0.6s 10.00nm 4.6mb
ASPA 43.11 258 eP 15 51.00 0.1
0.6s 20.00nm 4.8mb
WRA 43.29 264 iPd 15 52.00 -0.3
WBN 49.40 254 eP 16 38.00 -0.5
MBL 56.36 259 eP 17 27.00 -0.8
NAU 59.98 256 eP 17 53.00 1.0
S.D. = 0.7 on 10 of 10 obs.

& SEP 02, 1985 16h 53m 30.00s
40.582 N 123.750 W
DEPTH = 24.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.0 (BRK). Felt (III) at Rio Dell.

FHC 0.28 321 iPc 53 36.50 -0.3
WDC 0.92 90 iPc 53 44.80 -2.4
iS 54 00.20
GAS 1.22 139 iPd 53 50.00 -1.7
LMHM 1.87 57 eP 53 59.40 -1.8
ORV 2.01 120 eP 53 59.50 -3.5
iS 54 19.10
WCN 3.32 111 eP 54 19.30 -2.5
JAS1 3.70 135 eP 54 26.30 -0.8
EUR 6.07 98 eP 54 57.00 -3.8
8 obs. associated

• SEP 02, 1985 19h 28m 36.15± 1.53s
14.284 N ±11.4km 91.124 W ±12.9km
DEPTH = 145.7 ± 16.8 km
4.1mb (3 obs.)
GUATEMALA (70)

COM 2.18 334 iP 29 14.00 0.2
i 29 39.00
PBJ 4.65 298 iP 29 44.50 -1.2
VHO 6.15 299 iP 30 05.00 -1.0
PIO 7.07 288 iP 30 18.00 -0.4
iS 31 27.00
TPM 8.93 303 iP 30 44.50 1.2
OXM 9.60 302 iP 30 53.50 1.1
JCT 17.99 335 eP 32 39.20 0.8
1.0s 5.00nm 3.8mb
OLY 21.13 359 P 33 10.00 -0.7
COW 21.24 25 P 33 14.00 2.2X
PRM 21.25 20 P 33 12.00 0.1
POW 21.78 360 P 33 16.00 -1.0
JSC 21.82 22 P 33 18.80 1.4
TUL 21.94 350 e(P) 33 20.00 1.3
0.8s 5.40nm 4.0mb
TKL 22.28 16 P 33 23.30 1.3
GFM 23.29 19 P 33 32.40 0.5
NAV 24.72 20 P 33 45.00 -0.4
BLA 24.75 21 P 33 45.50 -0.2
CVL 26.14 23 P 33 57.80 -0.6
NA2 26.54 24 P 34 02.00 -0.1
SCH 44.67 20 eP 36 34.00 -1.8
SOB1 55.02 112 eP 37 54.70 -0.4
VAO 56.93 130 e(P) 38 10.00 1.4
EKA 77.24 36 P 40 14.00 -1.5
1.0s 11.40nm 4.6mb
WRA 136.29 256 PKPd 47 45.10 2.2X
0.2s 0.40nm
MBL 149.77 252 ePKP 48 13.00 7.0X
S.D. = 1.1 on 22 of 25 obs.

• SEP 02, 1985 19h 35m 10.19± 1.36s
40.682 N ±12.9km 23.243 E ± 9.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)

VAY 0.82 322 iPg 35 27.00 1.0
iSg 35 39.00
MMB 0.98 22 iPgc 35 27.00 -1.8
PLD 1.80 37 iPd 35 44.00 2.6X
KDZ 1.86 58 iP 35 40.00 -2.3X
SKO 1.87 314 iPn 35 46.00 3.5X

			ISn	36	08.50	
OHR	1.90	284	ePn	35	42.00	-1.0
VTS	1.92	359	eP	35	44.00	0.9
DIM	2.23	51	eP	35	49.00	1.3X
EZN	2.51	109	ePn	35	52.00	0.4
JMB	3.08	53	eP	36	07.00	7.3X
MLR	5.20	21	eP	36	30.50	0.6

S.D. = 1.5 on 6 of 11 obs.

& SEP 02, 1985 19h 45m 08.10s
37.150 N 117.993 W
DEPTH = 5.0km
CALIFORNIA-NEVADA BORDER REGION (40)
<BRK>. ML 3.4 (BRK), 3.3 (PAS).

PPK	0.28	14	IPd	45	13.70	-0.2
LCH	0.29	73	iPc	45	14.20	0.2
MGM	0.49	54	IPd	45	17.60	-0.4
SVP	0.58	15	IPd	45	19.10	-0.7
MCA	0.76	131	iPc	45	22.50	-0.8
SGV	0.79	102	iPc	45	23.50	-0.5
VPEM	1.21	173	eP	45	30.80	-0.3
MNA	1.29	354	IPd	45	32.00	-0.5
			iS	45	48.60	
CLC	1.37	166	ePc	45	33.90	0.0
FRI	1.38	264	iPc	45	33.00	-1.0
WKTM	1.40	195	eP	45	33.80	-0.6
NOP	1.80	124	P	45	38.40	-1.7
JAS1	2.08	293	iPc	45	44.60	0.5
			iS	46	11.40	
PRI	2.37	246	eP	45	48.90	0.5
LLA	2.42	258	eP	45	50.40	1.3
WCN	2.57	328	eP	45	50.00	-1.2
SLD	2.58	269	eP	45	52.50	1.2
SDW	2.64	163	eP	45	51.80	-0.4
SAO	2.79	263	iPc	45	55.20	0.9
EUR	2.82	34	iP	45	54.00	-0.9
ARN	2.83	275	eP	45	55.50	0.6
BMN	3.33	10	eP	46	00.00	-2.1

22 obs. associated

? SEP 02, 1985 20h 25m 10.41± 1.45s
43.870 N ±43.1km 16.483 E ±42.5km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.2 (TRI), 3.2 (KBA), 3.0 (TTG).

BRY	1.79	122	ePn	25	41.10	-0.6
			iSn	26	05.50	
HCY	2.05	133	ePn	25	44.80	-0.5
			eSn	26	11.00	
NKY	2.12	119	IPnd	25	46.10	-0.3
			ISn	26	14.50	
CEY	2.37	323	ePn	25	50.50	0.5
	0.7s	172.00nm				
			iPg	25	57.70	
			iSn	26	20.70	
			iSg	26	32.40	
TTG	2.49	124	ePn	25	53.00	1.4
			eSn	26	22.70	
LJU	2.58	328	IPn	25	52.80	-0.1
	0.7s	1231.00nm				
			iSn	26	23.60	
			iSg	26	33.40	
TRI	2.67	314	e(Pn)	25	59.40	5.2X
			e	26	00.80	
			iSg	26	35.20	
VOY	2.84	321	iPnc	25	56.60	-0.1
			i	26	03.50	
			i	26	41.70	
KBA	3.89	327	iPnd	26	11.40	-0.3
			iPg	26	24.30	
			i	26	25.20	
			i	26	49.30	
			i	26	59.30	
			i	27	06.70	
			iSg	27	14.60	
			i	27	16.70	
			i	27	19.10	
			i	27	24.30	

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

SEP 03, 1985 00h 28m 44.22± 0.82s
10.445 N ± 9.5km 85.519 W ± 7.3km
DEPTH = 22.7 ± 8.1 km
4.7mb (11 obs.) 4.4Msz (2 obs.)

COSTA RICA (78)
Felt in the Santa Cruz-Nicoya area.

JUD	0.28	186	P	28	49.70	-1.2
RIN	0.36	26	P	28	59.00	6.9X
CAO	0.85	151	P	28	58.40	-1.7
EPA	1.02	117	P	29	04.40	1.4
PTCR	1.26	121	P	29	07.60	1.0
POA	1.31	103	P	29	10.60	3.1X
HDC	1.45	108	P	29	12.00	2.7X
			S	29	33.50	
IRZ2	1.66	106	P	29	15.30	2.6X
			S	29	39.80	
OPS	1.71	127	P	29	13.00	0.0
CDM	1.94	117	P	29	17.80	1.1
			S	29	44.50	
PBC	3.17	129	P	29	33.40	-0.5
UPA	6.08	103	eP	30	15.50	0.5
	0.9s	35.29nm			5.1mb	
COM	8.64	313	eP	30	55.00	3.9X
PBJ	11.31	303	iP	31	27.50	-0.1
PSO	12.28	138	eP	31	42.50	1.4
VHO	12.81	303	iP	31	48.00	0.0
PIO	13.61	297	iPc	32	08.90	10.5X
SDV	14.76	95	eP	32	15.50	1.8
TPM	15.60	305	eP	32	27.00	2.4
OXM	16.27	304	iP	32	36.00	2.6X
SJG	20.25	66	eP	33	18.00	-2.9X
PRM	23.70	7	P	33	57.50	2.2
JCT	23.96	328	eP	33	58.00	0.1
	0.8s	48.51nm			5.1mb	
TUL	27.01	341	eP	34	25.30	-1.2
	1.0s	16.70nm			4.6mb	
RLO	27.02	343	eP	34	25.20	-1.4
BLA	27.04	9	P	34	28.00	1.1
FVM	27.77	352	P	34	32.00	-1.4
ALQ	30.97	325	eP	35	01.60	-0.7
	0.8s	6.16nm			4.5mb	
ZOBO	31.64	147	P	35	13.00	4.3X
	Z 20s	0.91um			4.4Msz	
			LR	45	44.00	
LPB	31.87	147	eP	35	15.00	4.4X
	Z 18s	0.69um			4.4Msz	
			LR	46	20.00	
CNCB	32.16	147	eP	35	13.00	-0.3
CCH	33.63	145	P	35	31.60	5.8X
GLD	34.04	332	P	35	29.00	0.0
	0.9s	16.84nm			5.0mb	
GOL	34.07	332	P	35	28.20	-1.2
	0.9s	7.58nm			4.6mb	
GLA	35.10	314	P	35	40.00	1.9
OTT	35.83	12	eP	35	44.00	0.0
ATB	35.85	111	Pc	35	44.00	-0.5
MNT	36.39	14	iP	35	49.00	0.3
			pP	35	58.50	32kmX
RSSD	37.18	338	P	35	55.20	-0.5
	0.8s	7.39nm			4.6mb	
TPZ	37.20	149	P	36	03.20	7.0X
EUR	39.62	322	iP	36	16.20	0.0
	0.5s	3.72nm			4.4mb	
MNA	40.36	319	ePc	36	23.70	1.5
			epP	36	33.50	33kmX
			esP	36	37.00	
			ePcP	38	25.90	
FRI	40.59	316	eP	36	24.80	0.9
			esP	36	38.00	
PRI	40.82	315	e(P)	36	26.30	0.4
BMN	40.96	322	P	36	28.00	0.9
LLA	41.25	315	eP	36	30.00	0.7
PRS	41.40	314	eP	36	31.00	0.4
JAS1	41.56	317	eP	36	33.30	1.4
			ePcP	38	29.70	
SAO	41.67	315	e(P)	36	35.10	2.3X
MHC	42.09	316	ePc	36	37.80	1.4
LRM	42.10	332	ePc	36	36.20	-0.3
GCC	42.19	315	eP	36	38.30	1.3
BRK	42.79	316	e(P)	36	44.00	2.1X
ORV	43.15	318	ePc	36	46.20	1.4
			epP	36	56.00	33kmX
			ePcP	38	36.00	
WDC	44.37	319	eP	36	52.50	-2.2
			epP	37	02.50	34kmX
FHC	45.42	318	ePc	37	04.80	1.6
FFC	46.06	347	eP	37	07.00	-1.0
	0.9s	8.00nm			4.7mb	
NEW	46.07	331	P	37	07.00	-1.2
SCH	46.68	15	eP	37	11.00	-1.9
PNT	47.99	330	eP	37	22.00	-1.3
	0.8s	13.00nm			5.0mb	
SOB1	48.51	112	eP	37	25.80	-2.0
VAO	50.29	132	eP	37	38.70	-2.7X
INK	65.67	342	eP	39	26.00	-2.7
PMR	68.45	333	P	39	45.00	-1.3
COL	69.02	336	eP	39	48.00	-1.8
ADK	82.59	321	P	41	08.00	1.1
NB2	84.19	29	PKP	41	12.80	-2.1
	0.7s	1.00nm			4.2mb	
CHG	150.60	351	IPKPc	48	35.60	4.4X
	0.8s	7.46nm				
LOE	151.41	345	ePKP	48	38.00	5.6X

S.D. = 1.3 on 52 of 69 obs.

* SEP 03, 1985 02h 09m 01.45± 1.23s
50.354 N ±16.2km 18.852 E ± 7.9km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.0 (VKA).

KRA	0.76	113	iPgc	09	16.00	-0.3
			iSg	09	27.10	
SPC	1.48	142	e(Pn)	09	28.90	0.7
			e(Sn)	09	49.40	
KSP	1.70	288	ePn	09	31.50	0.2
	0.3s	62.00nm				
			iPg	09	33.50	
			iS	09	56.50	
ZST	2.45	209	eP	09	52.60	10.6X
			e	10	17.10	
PSZ	2.53	164	ePn	09	42.90	-0.4
SRO	2.57	188	e(P)	09	50.40	6.6X
			i	10	18.60	
VKA	2.67	219	iPnc	09	52.30	7.1X
			i	09	56.10	
			i(Sn)	10	26.30	
			i	10	31.70	
			iSg	10	36.60	
PRU	2.80	264	ePg	09	53.50	6.5X
	Z 14s	1.00um				
	N 14s	0.70um				
	E 14s	0.80um				
			Sg	10	27.80	
			e	10	32.00	
SOP	3.07	210	eP	10	06.00	15.2X
KHC	3.63	252	ePg	09	58.30	-0.6
			Sg	10	51.00	
BHG	4.73	238	IPd	10	15.00	0.5
K8A	4.90	230	eP	10	37.00	19.9X
	0.6s	11.30nm				
			i	11	24.70	
			i	11	46.30	

S.D. = 0.7 on 6 of 12 obs.

* SEP 03, 1985 02h 49m 07.44± 1.13s
36.498 N ±14.4km 71.336 E ±11.4km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.28	211	eP	50	54.90	0.5
			eS	52	12.00	
NDI	9.23	146	IPd	51	19.50	-1.8
			eS	52	57.50	
DMN	14.65	123	eP	52	35.60	1.3
	0.5s	26.00nm			4.9mb	
KKN	14.65	122	eP	52	34.40	0.1
	0.6s	33.00nm			5.0mb	
PKI	14.87	123	eP	52	37.40	0.0
	0.5s	20.00nm			4.7mb	
GBA	23.44	165	P	54	15.00	0.3
NB2	44.55	323	P	57	17.20	-0.4
	0.5s	0.90nm			3.9mb	

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

& SEP 03, 1985 02h 58m 52.00s
34.050 N 118.383 W
DEPTH = 5.0km (geophysicist)
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.6 (PAS). Felt in the West Hollywood area.

SDW	1.22	62	eP	59	15.00	-0.2
WKTM	1.74	358	e(P)	59	24.00	0.9
BLP	1.75	288	eP	59	24.00	0.9

03d 02h

VPEM 1.95 18 eP 59 26.80 0.5
4 obs. associated

SEP 03, 1985 03h 33m 11.84± 0.31s
52.905 N ± 4.8km 106.913 E ± 7.0km
DEPTH = 33.0km (normal)
4.8mb (22 obs.)
LAKE BAIKAL REGION (327)
Felt (IV) at Tyrgana, Irkutsk, Ulan-Ude and Kudara.

	14.35	150	eP	36 29.00	-5.4X
			Lg	40 38.50	
LZH	16.96	189	eP	37 09.50	1.4
			Lg	42 08.00	
KMI	27.92	188	eP	38 59.50	-1.6
KKN	29.79	221	eP	39 18.30	0.4
	0.8s		31.00nm		5.4mb
PKI	29.93	221	eP	39 19.30	0.0
	0.8s		15.00nm		4.8mb
DMN	30.02	221	eP	39 20.50	0.5
	0.8s		31.00nm		5.2mb
CHG	34.59	193	iPd	39 57.80	-1.8
	0.8s		9.20nm		4.8mb
KEV	38.48	327	eP	40 31.00	-0.8
	0.7s		12.00nm		4.8mb
SOD	39.35	323	iP	40 39.00	-0.2
KJF	40.08	318	iP	40 45.20	0.0
	0.6s		7.00nm		4.6mb
SUF	41.33	316	iP	40 55.30	-0.1
	0.5s		2.50nm		4.2mb
NUR	42.96	314	eP	41 09.00	0.2
GBA	45.68	222	P	41 31.00	-0.1
UPP	46.31	316	iP	41 36.00	0.3
NB2	48.26	320	P	41 50.40	-0.6
	0.7s		4.00nm		4.6mb
KOD	48.73	220	eP	41 57.50	2.1
COL	49.34	33	eP	41 59.00	-0.3
	0.8s		8.21nm		4.8mb
			e	42 09.00	
INK	51.13	25	eP	42 12.00	-0.8
CLO	52.74	298	eP	42 26.00	0.7
BRG	53.44	308	i(P)	42 30.00	-0.4
	0.8s		10.00nm		4.9mb
MOX	54.69	309	e(P)	42 40.00	0.4
KHC	54.77	307	P	42 41.00	0.7
KBA	56.28	305	iPd	42 51.70	0.3
	0.7s		7.70nm		4.8mb
			i	42 54.40	
MLR	57.91	311	P	43 13.50	10.9X
YKA	60.39	21	eP	43 20.00	0.4
SSF	61.01	311	eP	43 23.50	-0.5
GRC	61.04	311	iPc	43 23.90	-0.3
LDF	61.50	314	eP	43 26.40	-0.9
	0.6s		12.60nm		5.2mb
FLN	61.53	314	eP	43 26.60	-0.9
	0.6s		5.60nm		4.9mb
MZF	62.06	310	eP	43 31.30	0.1
	0.6s		2.60nm		4.5mb
FRF	62.10	306	eP	43 31.80	0.3
	0.8s		5.80nm		4.8mb
TCF	62.18	311	eP	43 31.80	-0.2
	0.7s		3.40nm		4.6mb
LPF	62.32	314	eP	43 32.00	-0.8
LSF	62.52	311	eP	43 34.00	-0.2
	0.7s		7.10nm		4.9mb
EPF	65.52	309	eP	43 53.90	0.0
	0.8s		6.70nm		4.8mb
LRM	67.29	311	eP	44 08.00	2.9X
EDM	69.03	25	ePd	44 15.40	-0.4
TOL	70.04	310	eP	44 23.50	1.4
SES	72.28	24	eP	44 35.00	0.0
SCH	72.52	306	eP	44 36.00	-0.7
WRA	76.35	154	eP	44 57.20	-1.9
JAS1	80.66	36	ePc	45 23.60	1.1
EUR	80.77	32	iP	45 24.00	0.6
	1.2s		2.23nm		4.8mb
MNA	80.99	34	eP	45 25.60	1.1
FRI	81.74	36	eP	45 29.10	0.9
BNG	85.51	271	ePd	45 47.40	-0.3
	0.5s		3.00nm		4.8mb
ALQ	87.82	27	eP	46 00.00	1.0
	1.0s		10.00nm		5.1mb
			e	46 10.00	
RLO	89.26	18	eP	46 14.80	9.1X
TUL	89.37	18	eP	46 15.80	9.7X
	1.3s		11.30nm		5.0mb

SBA	135.49	165	e(PKP)	52 25.20	-3.2X
SPA	142.72	180	e(PKP)	52 38.90	-3.1X
	S.D. = 0.9		on 44 of 51 obs.		

? SEP 03, 1985 05h 12m 42.16± 0.83s
31.565 S ± 7.4km 68.508 W ± 7.2km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

RTMQ	0.15	294	ePd	12 46.70	1.1
			S	12 58.00	
ZON	0.15	277	eP	12 57.00	11.4X
			eS	13 07.00	
CFA	0.23	100	ePc	12 47.50	0.3
			S	12 59.30	
RTLL	0.24	8	iPd	12 46.80	-0.5
RTCB	0.26	287	iPd	12 47.10	-0.6
			S	12 57.60	
RTCV	0.30	185	iPc	12 48.00	-0.4
	S.D. = 1.0		on 5 of 6 obs.		

SEP 03, 1985 07h 49m 39.69± 1.27s
36.026 N ± 7.7km 70.998 E ± 6.2km
DEPTH = 80.7 ± 13.2 km
5.2mb (15 obs.)
HINDU KUSH REGION (718)

QUE	6.74	211	iPd	51 19.00	0.9
			eS	52 30.00	
DDI	8.20	132	eP	51 39.00	0.8
			eS	53 04.00	
NDI	9.01	143	eP	51 49.50	0.3
			eS	54 22.00	
MHI	9.31	275	eP	51 54.00	0.7
			eS	53 30.00	
DMN	14.63	121	iP	53 02.30	-1.7
KKN	14.64	120	iP	53 01.80	-2.3
PKI	14.86	121	iP	53 05.00	-2.1
BOM	17.14	174	eP	53 33.00	-2.4
			eS	56 17.00	
POO	17.61	171	iP	53 42.00	0.8
			iS	56 52.00	
HYB	19.71	158	ePd	54 05.80	0.5
	1.0s		74.00nm		4.9mb
SHL	20.71	114	iP	54 16.50	0.8
			eS	57 53.00	
GBA	23.06	164	P	54 41.10	2.3
			S	58 41.10	
KOD	26.34	166	eP	55 12.00	1.8
CHG	30.00	117	eP	55 45.50	2.6
LOE	32.93	116	eP	56 08.00	-0.5
MLR	35.01	300	iPd	56 27.50	1.2
BJI	35.52	70	eP	56 32.50	2.0
VAY	37.78	293	eP	56 50.00	0.5
NUR	38.21	325	iP	56 53.20	0.4
	0.6s		58.50nm		5.7mb
KJF	38.30	331	iP	56 54.00	0.4
	0.7s		30.70nm		5.3mb
SUF	38.32	328	iP	56 53.90	0.1
	0.6s		41.10nm		5.5mb
KRA	39.10	307	eP	57 00.70	0.3
			e	57 08.20	
KEV	41.24	338	iP	57 18.50	0.8
	0.6s		27.40nm		5.3mb
UPP	41.44	322	iPd	57 19.90	0.4
IPM	41.75	131	ePd	57 22.10	-0.4
BRG	42.91	309	iP	57 31.90	0.2
	1.0s		14.00nm		4.7mb
KHC	43.26	306	eP	57 35.00	0.4
VOY	43.38	302	eP	57 35.30	-0.4
CLL	43.49	309	eP	57 36.00	-0.3
			e	59 30.00	
NB2	44.76	323	P	57 46.00	-0.5
	0.4s		14.60nm		5.2mb
PPI	45.45	136	ePd	57 53.20	0.9
	0.6s		32.10nm		5.4mb
EKA	52.63	316	P	58 46.00	-1.2
	1.3s		11.90nm		4.8mb
MLS	52.99	300	ePd	58 49.00	-1.1
BNG	57.48	250	iPd	59 21.10	-1.8
	1.0s		46.00nm		5.5mb
			i	59 48.30	
IFR	61.04	292	iP	59 47.00	-0.4
KRI	65.54	224	eP	00 23.10	6.1X
MBC	67.81	3	eP	00 30.00	-0.4
	0.7s		19.00nm		5.1mb
BUL	68.77	223	iPd	00 36.90	-0.4

	0.7s		7.19nm		4.7mb
INK	74.37	9	eP	01 01.00	-8.8X
	0.5s		23.00nm		5.3mb
KIC	74.76	267	eP	01 11.10	-1.9
COL	74.92	16	iP	01 13.00	-0.1
	0.8s		35.45nm		5.3mb
WRA	81.74	122	eP	01 50.70	-0.2
FFC	89.41	356	iPd	02 28.40	0.0
	1.1s		15.00nm		5.1mb
EDM	91.04	3	eP	02 36.00	0.0
SES	93.93	1	eP	02 49.00	-0.4
TPM	124.49	349	iPdiff	05 26.00	19.4X
SPA	125.84	180	ePKP	08 32.00	-0.8
	0.8s		2.08nm		
BACH	148.36	263	iPKPc	09 17.80	3.1X
LNV	149.26	263	iPKPd	09 20.50	4.6X
	S.D. = 1.2		on 44 of 49 obs.		

SEP 03, 1985 08h 28m 26.04± 0.31s
6.748 N ± 6.2km 76.429 W ± 6.3km
DEPTH = 34.9km (7 depth phases)
4.9mb (18 obs.) 4.5Msz (1 obs.)
NORTHERN COLOMBIA (99)
Felt at Medellin and in northwestern Colombia.

FUQ	2.96	115	iP	29 13.00	0.9
BMG	3.35	84	iP	29 17.50	0.1
			iS	29 57.00	
UPA	3.79	306	iPd	29 22.00	-1.6
	0.9s		149.58nm		
			i	29 25.50	
			i	29 49.60	
			iS	30 17.10	
UAV	5.55	70	ePn	29 51.10	2.4
PSO	5.59	189	eP	29 18.00	-31.4X
LGN	6.12	56	iPnd	30 12.20	15.7X
	0.6s		500.00nm		
SDV	6.12	69	iPnd	29 55.50	-1.3
	0.5s		32.80nm		5.2mb
CAR	10.11	68	ePn	30 54.20	2.1
GUV	13.27	85	iPc	31 30.40	-4.2X
	0.3s		14.30nm		5.4mb
COM	18.04	303	eP	32 38.50	2.5
PBJ	20.92	299	iP	33 04.00	-4.2X
VHO	22.40	300	iP	33 25.00	1.6
ARE	23.57	168	eP	33 37.00	2.1
ZOBO	24.30	160	P	33 41.60	-0.7
	1.0s		70.00nm		5.2mb
	Z 19s		1.61um		4.5Msz
			iS	38 04.00	
			LR	40 08.00	
LPB	24.55	160	iPd	33 45.10	0.6
	Z 16s		1.35um		4.5MszX
			i	33 54.50	34km
			S	38 13.00	
			LR	41 25.00	
CNCB	24.85	160	iP	33 48.20	0.6
			i	33 57.90	35km
TPM	25.15	301	iP	33 52.50	2.5
OXM	25.82	301	iPc	33 58.00	1.5
CCH	26.04	157	P	33 58.30	-0.1
			i	34 08.30	37km
ATB	26.14	112	Pd	33 56.50	-2.5
PRM	27.75	349	P	34 16.00	2.4
TPZ	29.94	160	P	34 32.50	-1.3
BLA	30.54	354	P	34 40.50	1.9
YJA	30.67	160	ePd	34 38.00	-2.3
JCT	32.23	320	eP	34 52.00	-1.5
	1.5s		12.50nm		4.6mb
SLA	33.05	162	ePd	35 08.00	7.2X
FVM	33.59	340	eP	35 04.30	-0.9
	1.0s		42.00nm		5.3mb
RLO	33.87	332	eP	35 06.30	-1.4
TUL	34.02	331	eP	35 07.80	-1.1
	0.7s		23.30nm		5.2mb
OTT	38.50	1	eP	35 55.00	8.3X
SOB1	38.80	114	eP	35 47.40	-2.2
			e	35 57.70	36km
ALQ	39.38	320	eP	35 54.00	-0.5
	1.0s		15.00nm		4.7mb
JACH	39.60	172	eP	35 57.00	0.9
ROCH	39.83	173	iP	35 59.30	1.1
TACH	40.51	173	iP	35 59.30	-4.2X
LNV	40.76	174	iP	36 06.50	1.1
ITR	40.90	112	eP	36 04.70	-2.2X
VAO	41.28	137	eP	36 09.70	-0.4

GLD 41.81 326 P 36 15.50 1.2
1.0s 40.00nm 5.1mb
GOL 41.86 326 eP 36 14.90 0.1
0.8s 5.06nm 4.3mb
GLA 44.19 312 e(P) 36 34.00 0.4
RSSD 44.37 331 eP 36 34.40 -0.8
1.1s 9.88nm 4.6mb
pP 36 44.00 32km
RSON 46.26 345 eP 36 48.70 -1.1
1.0s 20.00nm 5.0mb
pP 36 58.30 32km
VBA 46.56 164 ePc 36 50.00 -2.4
DUG 46.57 321 eP 36 52.70 0.1
EUR 48.19 319 iP 37 05.40 -0.1
0.3s 4.81nm 5.0mb
SCH 48.56 7 eP 37 07.00 -0.8
HPI 48.85 325 eP 37 10.20 -0.4
BMN 49.51 319 eP 37 15.20 -0.3
LRM 49.82 327 ePd 37 17.10 -0.9
JAS1 50.47 315 P 37 22.20 -0.5
1.2s 7.02nm 4.5mb
SES 52.21 333 eP 37 35.00 -0.7
NEW 53.84 327 eP 37 46.00 -1.8
EDM 55.20 334 ePd 37 55.50 -2.3
PNT 55.80 327 eP 38 02.00 -0.1
0.8s 10.00nm 4.9mb
YKA 62.23 341 eP 38 55.20 8.7X
IFR 70.72 57 iP 39 42.00 0.8
KIC 71.16 86 eP 39 43.30 -0.6
e 39 49.10 19kmX
INK 72.00 341 eP 39 47.00 -0.9
PMR 75.89 332 P 40 10.10 -0.5
COL 76.06 335 eP 40 11.00 -0.5
NB2 83.00 29 P 40 49.80 0.8
0.9s 6.00nm 4.7mb
CLL 84.43 39 eP 41 07.00 10.7X
KHC 84.96 41 Pc 41 03.50 4.4X
e 41 10.50 22kmX
KBA 84.96 43 eP 41 07.50 8.2X
0.8s 4.80nm 4.7mb
i 41 23.20 55kmX
BRG 85.06 39 o(P) 41 05.00 5.5X
e 41 17.00 39km
PRU 85.51 40 eP 41 05.00 3.2X
e 41 09.50 14kmX
ZST 87.37 42 eP 41 22.60 11.7X
OHR 91.03 49 eP 41 28.00 -0.4
CLO 91.75 44 ePd 41 36.00 4.4X
e 49 57.00
BNG 94.41 85 iPd 41 51.00 6.6X
0.5s 5.00nm 5.2mb
i 42 05.90 51kmX
SPA 96.70 180 eP 41 58.40 4.4X
1.0s 2.00nm 4.6mb
HYB 145.54 46 ePKP 48 05.00 1.7
ASPA 146.36 237 ePKP 48 06.00 1.5
0.8s 17.00nm
GBA 147.10 52 PKP 48 07.00 1.2
WRA 147.39 243 ePKP 48 07.20 1.0
KOD 149.01 57 ePKP 48 20.00 10.7X
CHG 154.19 10 ePKP 48 29.80 13.5X
S.D. = 1.4 on 58 of 78 obs.

? SEP 03, 1985 08h 47m 39.81± 2.62s
40.789 N ±21.2km 34.663 E ±23.3km
DEPTH = 10.0km (geophysicist)
3.7mb (1 obs.)
TURKEY (366)

KDE 2.50 283 iPn 48 22.50 1.3
GPA 3.35 263 iPn 48 34.20 0.8
ISK 4.25 276 ePn 48 51.00 4.9X
CTT 4.73 276 ePn 48 54.00 1.1
DMK 5.30 283 ePn 48 58.20 -2.8
YER 6.17 236 iPn 49 12.80 -0.4
EZN 6.45 264 ePn 49 16.70 -0.4
NUR 20.69 346 iP 52 22.00 -0.3
SUF 22.55 350 eP 52 41.00 0.0
NB2 24.84 333 P 53 03.80 0.5
0.7s 1.20nm 3.7mb
S.D. = 1.4 on 9 of 10 obs.

• SEP 03, 1985 09h 49m 22.94± 0.97s
0.966 S ±10.8km 29.170 E ±10.3km
DEPTH = 33.0km (normal)
ZAIRE REPUBLIC (567)

NAI 7.64 92 eP 51 15.00 0.0
0.9s 27.73nm 5.3mb X
BNG 11.89 297 iPc 52 13.30 0.0
0.8s 203.00nm 6.3mb X
i 54 19.90
i 55 33.90
LSZ 14.25 184 iP 52 45.20 0.5
iS 55 34.00
iLg 56 40.60
KRI 15.77 178 ePn 53 04.00 -0.5
eSn 55 57.00
eLg 57 40.10
BUL 19.07 182 iP 53 45.60 0.0
eSn 57 07.50
eLg 59 15.50
PRY 25.86 183 eP 54 57.00 3.4X
S.D. = 0.5 on 5 of 6 obs.

% SEP 03, 1985 11h 10m 58.97± 1.16s
42.794 N ±10.9km 23.978 E ± 7.7km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

VTS 0.61 252 ePg 11 11.00 -0.2
PLD 0.87 142 iP 11 15.00 -0.7
PVL 0.94 68 eP 11 17.00 0.0
MMB 1.22 189 iPd 11 22.00 0.3
KDZ 1.54 138 iPd 11 27.00 0.5
S.D. = 0.7 on 5 of 5 obs.

• SEP 03, 1985 12h 35m 08.81± 0.95s
16.794 S ± 9.5km 69.581 W ±12.1km
DEPTH = 199.2 ± 8.6 km
PERU-BOLIVIA BORDER REGION (118)

LPB 1.44 80 iPd 35 42.10 -0.6
iS 36 06.00
ZOBO 1.49 70 iPd 35 42.60 -0.7
iS 36 08.00
CNCB 1.53 91 P 35 43.50 -0.2
ARE 1.86 280 iPc 35 47.70 1.2
iS 36 16.50
CCH 3.34 101 iP 36 03.60 0.3
CAC 5.68 175 iPd 36 33.00 0.1
TPZ 5.91 142 iP 36 38.30 2.3
S 37 48.00
YJA 6.59 145 eP 36 45.20 0.3
(S) 37 59.80
ANT 6.92 186 eP 36 47.00 -1.7
HJA 7.50 149 ePd 36 57.00 0.6
SLA 8.77 155 ePd 37 11.20 -1.9
S 38 45.20
ATB 21.70 54 e(P) 39 45.00 0.3
VAO 22.13 110 eP 39 50.80 1.9
e 39 56.80
SOB1 28.92 79 eP 40 50.00 -1.6
KIC 68.09 76 eP 45 49.10 -0.3
S.D. = 1.4 on 15 of 15 obs.

• SEP 03, 1985 12h 44m 09.20± 0.70s
17.394 S ±18.5km 174.477 W ±10.5km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
TONGA ISLANDS (173)

NUE 4.64 112 P 45 19.40 0.6
S 46 05.00
BRS 31.79 246 iPc 50 35.30 2.3
WRA 48.41 259 iPc 52 50.20 -0.3
ASPA 48.54 254 iPd 52 51.70 0.2
SBA 61.19 184 e(P) 54 21.30 -1.3
MBL 61.74 255 iPc 54 26.30 -0.8
CGP 65.35 288 eP 54 50.00 -0.9
NAU 65.49 253 eP 54 52.00 0.3
SPA 72.72 180 eP 55 35.20 -0.6
1.0s 5.50nm 4.5mb
COL 84.54 11 iP 56 39.70 -0.1
0.7s 11.30nm 5.2mb
GBA 110.96 278 PKP 02 37.00 -4.6X
CLL 145.64 352 iPKPc 03 40.90 -4.8X
1.1s 15.00nm
BRG 145.93 350 iPKPc 03 46.70 0.5
KHC 147.68 350 ePKP 03 52.50 3.4X
S.D. = 1.1 on 11 of 14 obs.

? SEP 03, 1985 12h 49m 55.75± 1.36s
20.601 S ±29.5km 179.313 W ±20.4km
DEPTH = 844.9 ± 10.3 km
4.6mb (3 obs.)
FIJI ISLANDS REGION (181)

SVA 3.25 319 eP 51 19.50 -0.7
VUN 3.33 320 ePc 51 19.60 -1.1
MGO 3.95 315 iPd 51 25.20 0.7
SGE 3.98 318 iPd 51 25.90 1.1
CTA 32.26 265 iPd 55 37.50 1.5
0.4s 19.92nm 5.1mb
ASPA 43.30 257 iPd 57 05.70 0.5
WRA 43.37 262 iPd 57 06.00 0.3
e 57 43.20
eS 01 36.70
MBL 56.54 258 eP 58 41.00 -0.6
NWAO 57.22 243 eP 58 45.00 -1.2
RKG 57.32 242 eP 58 46.00 -0.9
MUN 58.17 245 eP 58 52.00 -0.6
NAU 60.21 255 eP 59 07.00 0.9
MAT 69.57 325 eP 00 02.00 -1.9
GLA 81.43 50 eP 01 10.00 1.3
IPM 81.96 278 ePd 01 12.10 0.4
EUR 84.04 44 eP 01 21.20 -0.6
PNT 87.43 34 eP 01 38.00 0.6
0.7s 5.00nm 4.4mb
ALQ 88.43 52 eP 01 42.00 -0.6
COL 88.61 13 eP 01 42.00 -0.5
0.8s 7.46nm 4.5mb
SUF 134.44 344 iPKP 08 03.00 -0.2
0.6s 2.50nm
NUR 136.68 343 ePKP 08 09.00 1.5
NB2 138.92 352 PKP 08 03.50 -8.2X
0.7s 1.30nm
CLL 147.86 345 iPKPc 08 31.40 4.4X
1.1s 12.00nm
BRG 148.03 344 ePKP 08 29.80 2.5X
0.6s 10.00nm
e 08 32.00
PRU 148.88 343 PKP 08 34.00 5.7X
KHC 149.72 343 PKP 08 36.10 6.1X
S.D. = 1.0 on 21 of 26 obs.

SEP 03, 1985 13h 59m 50.17± 0.37s
28.206 N ± 6.4km 140.675 E ± 6.2km
DEPTH = 33.0km (normal)
5.2mb (13 obs.)
BONIN ISLANDS REGION (212)

KYS 6.99 356 eP 01 33.40 0.6
OYM 7.29 351 eP 01 37.00 -0.2
SRY 7.48 351 eP 01 38.20 -1.5
DDR 7.87 351 eP 01 45.80 0.5
TSK 8.00 357 eP 01 46.00 -1.0
MAT 8.57 347 eP 01 59.00 4.1X
eS 03 38.00
SHK 9.30 315 eP 02 09.40 4.4X
SSE 17.18 284 eP 03 43.00 -6.3X
N 10s 0.70um
eS 07 16.00
ANP 17.38 264 eP 03 58.00 6.1X
BJI 23.39 307 eP 04 56.00 -0.7
eS 09 14.00
eSS 09 51.00
LZH 32.01 294 Pd 06 17.50 1.6
E 13s 0.80um
KMI 33.95 274 Pc 06 33.50 0.5
N 16s 1.00um
S 12 08.00
CHG 39.23 266 eP 07 19.50 2.1
SHL 43.37 278 iP 07 52.00 0.5
WRA 48.26 188 iPd 08 27.80 -2.2
PKI 48.48 283 eP 08 32.80 0.6
1.0s 34.00nm 5.3mb
KKN 48.54 283 eP 08 33.20 0.7
1.0s 66.00nm 5.6mb
DMN 48.73 283 eP 08 34.60 0.5
0.9s 35.00nm 5.4mb
ASPA 51.98 188 eP 08 52.00 -6.5X
1.1s 39.00nm 5.3mb
SVW 53.07 33 eP 09 07.40 1.2
TTA 53.17 31 eP 09 07.60 0.6
KDC 54.34 37 eP 09 15.00 -0.5
IMA 54.71 27 eP 09 19.00 0.7
NDI 55.18 287 iPd 09 21.00 -1.1
1.5s 83.33nm 5.5mb
PME 56.27 33 eP 09 29.00 -0.5
1.0s 15.00nm 5.0mb

03d 14h

BRS 56.49 167 P 09 30.10 -1.3
COL 57.01 29 eP 09 35.00 0.3
1.2s 27.34nm 5.2mb
FBA 57.01 29 eP 09 34.30 -0.4
1.0s 15.00nm 5.0mb
GBA 60.25 270 Pc 09 58.00 0.1
0.9s 11.70nm 5.0mb
POO 61.44 277 eP 10 05.50 -0.5
INK 62.58 25 eP 10 12.00 -0.9
QUE 63.30 292 eP 10 18.20 -0.2
KEV 71.49 349 eP 11 08.00 -1.1
SOD 72.88 338 eP 11 16.00 -1.4
KJF 74.21 335 iP 11 26.00 0.9
0.6s 13.00nm 5.1mb
PNT 75.04 42 eP 11 30.00 -0.3
SUF 75.61 334 eP 11 32.00 -1.2
0.6s 2.50nm 4.4mb
EDM 76.73 36 ePc 11 40.00 0.3
WDC 76.98 51 ePc 11 42.40 1.1
NEW 76.99 42 eP 11 42.00 0.7
NUR 77.47 333 iP 11 43.00 -0.6
SES 79.39 38 ePc 11 54.20 -0.2
JAS1 79.65 53 ePc 11 57.30 1.3
LRM 80.97 43 ePd 12 03.30 0.1
MNA 80.98 51 eP 12 04.80 1.5
EUR 81.95 50 iP 12 08.20 -0.2
0.2s 11.16nm 5.5mb
NB2 82.08 338 P 12 06.90 -1.5
1.1s 9.00nm 4.7mb
ZOBO 150.90 72 PKP 19 37.50 1.1
Z 25s 0.20um 4.8MszX
LR 13 08.00
LPB 151.04 72 ePKP 19 43.00 6.6X
CNCB 151.27 73 ePKP 19 43.00 6.1X
S.D. = 1.0 on 43 of 50 obs.

• SEP 03, 1985 16h 09m 16.55± 1.98s
3.013 S ±12.0km 127.966 E ±18.0km
DEPTH = 58.1 ± 18.2 km
4.5mb (2 obs.)
CERAM (272)

AAI 0.71 161 ePc 09 30.10 -0.8
KNA 12.68 176 eP 12 18.00 1.8
WRA 17.94 160 iPc 13 22.80 -0.9
eS 16 45.20
MBL 19.70 203 eP 13 44.00 0.0
0.3s 3.00nm 4.1mb
ASPA 21.32 165 eP 14 00.00 -0.7
e(S) 17 51.00
KVG 22.81 89 eP 14 17.00 1.6
NAU 22.87 211 eP 14 17.00 1.0
CTA 24.63 135 eP 14 36.00 2.9X
IS 19 00.00
MEK 25.14 200 eP 14 38.00 0.1
0.4s 17.00nm 4.9mb
CHG 35.85 308 eP 16 16.50 3.5X
BJI 44.19 347 eP 17 20.00 -1.5
LZH 44.96 332 eP 17 29.00 1.1
SBA 77.53 172 e(P) 21 05.00 -2.2
SPA 87.01 180 e(P) 21 57.30 0.6
S.D. = 1.5 on 12 of 14 obs.

• SEP 03, 1985 16h 42m 01.47± 0.81s
8.810 S ± 8.2km 32.841 E ±19.1km
DEPTH = 33.0km (normal)
5.1mb (6 obs.)
TANZANIA (573)

TET 7.33 174 eP 43 50.00 1.1
eSn 45 12.00
eS• 45 31.00
eSg 45 47.00
NAI 8.46 28 iPc 44 04.00 -1.0
0.7s 37.67nm 5.6mb
BUL 11.99 199 iPn 44 50.70 -2.5
iSn 47 00.00
eLg 48 15.30
SLR 17.38 194 iPd 46 03.20 -0.2
S 49 15.50
JOZ 18.55 182 eP 46 39.20 21.6X
PRY 18.72 195 iPd 46 20.00 0.1
S 49 45.00
BFS 18.88 197 eP 46 16.50 -5.4X
0.5s 122.54nm 5.4mb
S 49 41.50
BNG 19.40 312 iPc 46 27.40 -0.5
1.0s 86.00nm 5.0mb
i 50 09.90
i 52 09.00
SEK 20.02 194 iPd 46 34.50 -0.2
S 50 10.00
WIN 20.38 226 iPd 46 39.50 1.0
0.8s 37.31nm 4.8mb
BLF 21.14 196 iPc 46 46.90 0.7
0.9s 107.69nm 5.3mb
SUR 25.97 204 iPd 47 36.70 3.5X
TUH 27.45 205 eP 47 53.50 7.0X
NB2 71.68 349 P 53 23.40 1.6
1.0s 5.60nm 4.5mb
SPA 81.25 180 e(P) 54 19.50 3.9X
S.D. = 1.3 on 10 of 15 obs.

SEP 03, 1985 16h 46m 24.98± 0.37s
28.088 N ± 7.1km 140.736 E ± 7.6km
DEPTH = 33.0km (normal)
5.1mb (14 obs.)
BONIN ISLANDS REGION (212)

MAT 8.70 346 (P) 48 33.00 1.5
0.8s 12.69nm 5.1mb
(S) 50 19.00
SHK 9.42 315 eP 48 40.60 -0.8
BJI 23.50 307 eP 51 31.50 -1.1
LZH 32.11 294 eP 52 51.50 -0.1
LOE 37.37 262 eP 53 36.50 0.0
CHG 39.28 266 eP 53 53.00 0.4
SHL 43.44 278 eP 54 27.50 0.6
WRA 48.15 188 iPd 55 03.20 -0.8
PKI 48.56 283 eP 55 08.10 0.5
0.9s 48.00nm 5.5mb
KKN 48.62 283 eP 55 08.50 0.6
DMN 48.81 283 eP 55 10.20 0.7
0.7s 49.00nm 5.6mb
ASPA 51.87 188 eP 55 32.00 -0.5
0.9s 19.00nm 5.1mb
COL 57.09 29 eP 56 10.00 -0.1
0.8s 8.96nm 4.9mb
GBA 60.30 270 Pc 56 33.90 0.8
1.5s 19.40nm 5.0mb
KOD 61.72 267 eP 56 45.00 1.9
YOU 62.45 173 eP 56 46.60 -0.6
INK 62.67 25 eP 56 46.00 -2.3
QUE 63.39 292 iPc 56 54.00 0.2
1.1s 34.81nm 5.4mb
CAN 63.55 172 eP 56 55.50 1.1
WAM 64.40 173 eP 56 58.10 -1.8
KEV 71.62 340 iP 57 44.50 -0.2
0.5s 16.80nm 5.3mb
SOD 73.01 338 eP 57 52.00 -0.9
e 58 05.00
KJF 74.34 335 eP 58 00.00 -0.7
0.7s 16.00nm 5.1mb
i 58 13.00
PNT 75.09 42 eP 58 06.00 0.6
0.6s 5.00nm 4.7mb
SUF 75.74 334 iP 58 07.70 -1.0
0.5s 3.30nm 4.6mb
NEW 77.04 42 eP 58 17.00 0.6
NUR 77.60 333 iP 58 18.60 -0.5
SES 79.45 38 ePc 58 30.00 0.5
UPP 80.75 335 iP 58 34.60 -1.5
LRM 81.02 43 eP 58 39.40 1.1
FFC 81.57 31 eP 58 41.00 0.4
1.1s 12.00nm 4.8mb
EUR 81.99 50 iP 58 45.00 1.6
0.2s 7.82nm 5.4mb
NB2 82.21 338 P 58 42.40 -1.5
0.8s 5.20nm 4.6mb
SPA 117.93 180 e(PKP) 05 14.00 4.8X
ZOBO 150.88 72 PKP 06 12.60 1.4
1.0s 6.25nm
LPB 151.03 73 ePKP 05 58.00 -13.2X
CNCB 151.26 73 ePKP 05 58.00 -13.7X
CCH 153.08 72 ePKP 06 26.00 12.0X
S.D. = 1.1 on 34 of 38 obs.

? SEP 03, 1985 16h 53m 01.48± 6.71s
10.146 S ±24.0km 161.209 E ±74.2km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
SOLOMON ISLANDS (193)

HNR 1.43 300 iPc 53 24.50 -0.9
iS 53 40.00
SVO 1.69 306 iP 53 30.00 0.8
iS 53 47.00
VSG 1.72 301 iP 53 30.00 0.4
iS 53 47.00
CTA 17.48 234 iPc 57 05.10 0.6
0.8s 17.91nm 4.3mb
RMQ 20.07 214 iPd 57 35.70 0.7
WRA 27.68 246 eP 58 47.10 -1.6
S.D. = 1.3 on 6 of 6 obs.

SEP 03, 1985 16h 56m 23.92± 0.76s
41.933 N ±10.8km 20.277 E ± 8.9km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.7 (TTG).

PVY 0.70 341 ePg 56 37.60 -0.2
eSg 56 49.20
SKO 0.87 87 ePg 56 40.00 -0.6
iSg 56 53.30
TTG 0.90 304 iPg 56 50.00 8.8X
iSg 56 54.60
OHR 0.91 154 iPg 56 41.00 -0.4
iSg 56 54.60
NKY 1.29 313 ePg 56 47.00 -0.9
eSg 57 08.50
HCY 1.42 292 iPgc 56 49.00 -0.7
eSg 57 11.50
BRY 1.61 308 ePn 56 54.30 1.8
eSn 57 18.50
VAY 1.82 109 ePn 56 56.40 0.8
S.D. = 1.2 on 7 of 8 obs.

• SEP 03, 1985 17h 55m 57.39± 1.72s
33.359 S ± 5.9km 71.610 W ±14.3km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.62 164 iPc 56 09.00 -0.8
iS 56 21.10
ROCH 0.63 53 iPd 56 08.00 -2.3
iS 56 18.70
TACH 0.63 118 iPc 56 10.60 0.5
iS 56 24.50
PEL 0.80 75 iP 56 12.80 -0.2
iS 56 26.60
BACH 0.94 90 iPd 56 15.40 0.1
PCH 0.95 106 iPd 56 16.00 0.4
iS 56 33.50
CHCH 0.98 126 iPd 56 16.50 0.4
JACH 1.09 52 iPd 56 14.40 -3.5X
iS 56 32.00
FCH 1.11 89 iPd 56 18.00 -0.4
iS 56 38.20
MDZ 2.36 79 iP 56 41.50 4.6X
iS 57 10.70
RFA 2.97 119 ePc 56 51.60 6.2X
RTCV 2.99 61 ePc 56 46.70 0.9
RTCB 3.02 53 ePc 56 45.60 -0.6
RTMQ 3.10 54 e(P) 56 48.00 0.7
RTLL 3.34 54 ePd 56 51.40 0.6
CFA 3.34 59 ePd 56 50.50 -0.3
VCA 5.45 33 ePd 57 21.80 1.0
S 58 38.50
SLA 10.13 33 e(P) 58 32.00 6.0X
S.D. = 0.9 on 14 of 18 obs.

• SEP 03, 1985 18h 34m 28.89± 2.10s
21.686 S ±13.3km 176.900 W ±18.2km
DEPTH = 199.9 ± 17.3 km
4.5mb (3 obs.)
FIJI ISLANDS REGION (181)

SVA 5.63 308 eP 35 52.00 0.0
VUN 5.70 309 iPc 35 53.00 0.1
SGE 6.36 309 eP 36 04.90 3.3X
NOU 15.46 265 iPc 38 04.50 6.5X
MNG 19.95 197 P 38 46.00 -1.3
S 42 30.00
BRS 28.12 252 P 40 07.80 3.4X
CAN 32.73 238 eP 40 45.90 1.2
YOU 32.96 240 eP 40 48.80 2.1
WAM 33.06 237 eP 40 48.20 0.7
CTA 34.41 266 iPd 40 59.30 0.1
0.8s 11.57nm 4.6mb
ASPA 45.26 258 iPd 42 28.00 -0.3

0.9s 38.00nm 4.8mb
WRA 45.46 263 eP 42 28.90 -1.0
SBA 56.76 184 e(P) 43 53.90 0.2
BAL 59.52 246 eP 44 12.00 -1.5
NAU 62.11 255 eP 44 30.00 -1.0
SPA 68.45 180 eP 45 11.30 0.3
1.0s 2.00nm 3.8mb
CLL 149.44 348 ePKP 53 50.00 -0.6
BRG 149.65 346 ePKP 53 50.90 0.0
1.2s 11.00nm
PRU 150.34 345 ePKP 53 53.20 1.2
KHC 151.37 346 ePKP 53 39.80 -13.8X
e 53 55.50
S.D. = 1.1 on 16 of 20 obs.

? SEP 03, 1985 19h 03m 05.27±11.56s
61.308 N ±65.0km 7.815 E ±71.6km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

HYA 0.80 260 iPg 03 20.90 0.1
iSg 03 32.10
ODD 1.48 203 iPn 03 31.50 -0.4
iSn 03 49.30
SUE 1.50 262 iPn 03 32.30 0.1
iSn 03 52.50
ASK 1.52 238 iPn 03 31.90 -0.6
iSn 03 51.20
KMY 2.46 212 ePn 03 46.80 0.8
iSn 04 14.50
S.D. = 0.8 on 5 of 5 obs.

• SEP 03, 1985 19h 52m 00.36± 1.03s
22.244 S ± 7.7km 70.240 W ±11.9km
DEPTH = 99.0 ± 14.6 km
4.4mb (1 obs.)
NEAR COAST OF NORTHERN CHILE (122)

ANT 1.46 186 iPc 52 26.60 0.1
iS 52 40.70
TPZ 4.27 80 iPc 53 06.80 2.1
YJA 4.39 90 ePc 53 06.00 -0.4
HJA 4.57 103 e(P) 53 08.00 -0.4
SLA 5.01 121 ePc 53 13.80 -0.9
CNCB 5.81 22 iP 53 27.00 0.8
i 53 41.50
S 54 33.00
ARE 5.87 348 iP 53 25.00 -1.8
iS 54 27.00
LPB 6.03 20 iPc 53 30.20 1.1
1.1s 202.53nm 5.3mb X
CCH 6.19 39 P 53 30.50 -0.6
ZOBO 6.27 19 iPc 53 32.60 0.1
0.8s 43.27nm 4.8mb X
LR 55 50.00
VAO 21.49 98 eP 56 41.10 -1.5
SPA 67.89 180 eP 02 51.50 1.4
1.0s 4.50nm 4.4mb
S.D. = 1.4 on 12 of 12 obs.

? SEP 03, 1985 20h 18m 05.41± 3.27s
31.382 S ±19.5km 68.474 W ±25.8km
DEPTH = 88.0 ± 32.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.05 5 iPd 18 18.20 -0.1
RTMQ 0.21 233 ePc 18 18.20 -0.5
S 18 29.00
ZON 0.24 227 iPd 18 19.10 0.5
eS 18 29.00
RTCB 0.30 249 iPd 18 19.00 0.1
S 18 30.00
CFA 0.30 138 iPd 18 19.00 0.1
S 18 30.10
RTCV 0.48 186 iPd 18 19.90 -0.2
VCA 2.64 5 ePc 18 47.00 0.0
S 19 19.70
S.D. = 0.4 on 7 of 7 obs.

% SEP 03, 1985 20h 21m 49.00± 1.27s
39.970 N ±11.9km 28.530 E ± 7.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BNT 0.61 310 iPg 22 01.50 0.3
iSg 22 11.00
EDC 0.63 307 iPg 22 02.50 0.8
iSg 22 12.50
ISK 1.17 20 iPn 22 10.50 -0.3
CTT 1.18 356 iPn 22 10.50 -0.5
GPA 1.40 76 iPn 22 15.00 0.4
EZN 1.70 266 ePn 22 18.20 -0.7
S.D. = 0.7 on 6 of 6 obs.

SEP 03, 1985 22h 20m 42.93± 0.62s
39.465 N ± 7.6km 119.420 W ± 5.3km
DEPTH = 5.0km (geophysicist)
NEVADA (37)
ML 3.0 (BRK).

WCN 0.30 240 iPc 20 48.30 -0.8
MNA 1.43 136 iPc 21 10.00 0.3
eS 21 30.70
ORV 1.61 274 iPc 21 11.20 -0.9
JAS1 1.72 207 eP 21 13.50 -0.3
eS 21 35.90
MIN 1.90 298 iP 21 17.20 0.8
BMN 1.95 60 eP 21 16.20 -0.9
FRI 2.48 185 eP 21 25.30 1.0
iS 22 00.40
GAS 2.55 275 eP 21 27.00 1.2
WDC 2.64 296 eP 21 28.90 2.0X
EUR 2.67 89 iP 21 27.80 0.2
ARN 2.69 219 eP 21 27.00 -0.6
S.D. = 0.9 on 10 of 11 obs.

SEP 03, 1985 23h 32m 47.50± 0.12s
1.409 N ± 2.8km 128.153 E ± 3.2km
DEPTH = 113.9km (17 depth phases)
5.7mb (41 obs.)
HALMAHERA (267)
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=290 Dip=60 Slip= 75
NP2: 138 33 114
Principal Axes:
T Plg=71 Azm=166
P 14 31
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a small strike-slip component. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 98 No. of sta: 4
Moment Tensor; Scale 10**24 d-cm
Mrr= 5.18 Mtt=-8.41
Mff= 3.22 Mrt=-1.29
Mrf= 4.14 Mtf=-2.33
Principal axes:
T Val= 8.81 Plg=50 Azm=257
N 0.07 40 82
P -8.88 2 350
Best Double Couple:Mo=8.8*10**24
NP1:Strike= 46 Dip=55 Slip= 39
NP2: 292 59 138
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 27C
Centroid Location:
Origin Time 23:32:49.7 0.3
Lat 1.44N 0.03 Lon 128.29E 0.04
Dep 103.1 1.6 Half-duration 2.9
Moment Tensor; Scale 10**24 D-CM
Mrr= 4.07 0.17 Mtt=-2.91 0.32
Mff=-1.16 0.41 Mrt=-1.97 0.12
Mrf= 2.03 0.13 Mtf=-1.27 0.19
Principal Axes:
T Val= 5.39 Plg=65 Azm=231
N -1.70 24 73
P -3.69 8 339
Best Double Couple:Mo=4.5*10**24
NP1:Strike= 44 Dip=42 Slip= 53
NP2: 269 57 118

DAV 6.20 336 iPd- 34 17.90 -0.1
CGP 7.80 334 iPc 34 39.00 -0.9
iS 35 12.30
MAP 9.78 335 iPc 35 06.00 -0.6
iS 35 34.40
MKS 10.89 233 iPc 35 21.00 -0.3
i(S) 36 01.50
BKB 11.54 257 ePc 35 31.70 1.7
KUPT 12.34 201 ePd 35 47.30 6.8X
1.6s 1116.00nm 6.3mb
PPR 12.52 312 eP 35 43.00 0.1
eS 36 26.20
KKM 12.77 291 ePd 35 47.10 0.9
1.1s 148.70nm 5.5mb
e 36 13.50
MTN 14.47 168 iPc 36 05.50 -2.6
TZZ 14.64 117 eP 36 10.50 0.1
QCP 14.89 332 eP 36 24.00 10.6X
MAN 14.91 332 iPd 36 14.00 0.4
eS 38 01.80
WEW 16.23 108 eP 36 33.00 2.7X
BAG 16.67 334 eP 36 35.00 -0.9
eS 39 44.00
KNA 17.06 178 iPc 36 39.20 -1.3
SZP 17.74 335 iPd 36 49.00 0.2
1.0s 139.00nm 5.2mb
TRT 17.93 239 iP 36 52.50 1.3
1.3s 1829.60nm 6.2mb
PIP 18.37 337 iPc 36 57.00 0.8
1.0s 693.00nm 5.9mb
MOM 19.55 100 eP 37 10.50 1.7
LAT 20.45 113 eP 37 18.50 0.5
GUMO 20.49 53 eP 37 16.40 -2.1
1.5s 684.68nm 5.8mb
GUA 20.50 53 eP 37 16.60 -2.0
1.0s 312.00nm 5.6mb
PMG 21.76 120 eP 37 34.00 2.8X
WRA 22.07 164 iPc 37 34.10 -0.1
i 41 43.50
KVG 22.98 100 eP 37 44.00 1.0
MBL 23.86 200 eP 37 50.00 -1.6
0.5s 40.00nm 5.1mb
KLI 24.09 255 eP 37 53.00 -0.8
ANP 24.49 345 eP 37 58.00 0.4
RAB 24.64 103 eP 38 02.00 3.0X
ISO 24.66 154 eP 37 59.00 -0.2
e 38 18.00 85kmX
HKC 24.82 328 eP 38 02.80 2.1
KGM 24.83 272 iPc 38 03.20 2.4
1.1s 835.20nm 6.1mb
i 38 30.80 133kmX
ALOA 24.99 118 eP 38 03.00 0.7
MCO 25.01 326 iP 38 04.00 1.6
QIZ 25.07 315 eP 38 02.00 -1.0
S 42 18.00
sS 43 02.50
QZH 25.15 339 iPd 38 04.00 0.3
pP 38 28.00 113km
sP 38 40.00
iS 42 22.00
sS 43 03.00
ASPA 25.54 168 eP 38 07.00 -0.4
GZH 25.90 327 Pc 38 11.10 0.5
S 42 32.00
NAU 26.82 207 iPc 38 18.00 -1.0
0.5s 72.00nm 5.5mb
IPM 27.27 277 ePc 38 21.70 -1.6
0.8s 100.50nm 5.5mb
e 38 48.10 123km
CTA 27.78 141 iPc 38 28.00 0.3
1.2s 64.84nm 5.1mb
i 38 49.90 99kmX
i 38 56.20
i 39 03.20
i 42 10.30
iS 43 06.00
PPI 27.82 266 ePc 38 28.50 0.3
1.0s 489.20nm 6.1mb
BGA 28.01 106 eP 38 37.00 7.0X
SNG 28.04 283 eP 38 30.50 0.4
PAA 28.35 106 eP 38 32.00 -1.0
MEK 29.36 198 eP 38 40.40 -1.5
0.5s 63.00nm 5.6mb
SSE 30.25 348 Pd 38 49.20 -0.5
NNT 30.27 293 eP 38 49.90 -0.2
LOE 30.45 303 eP 38 50.00 -1.7
NST 31.05 299 iPc 38 56.90 0.0
NJ2 31.72 345 Pc 39 02.70 0.2
pP 39 29.00 120km
S 44 00.00
WHN 31.80 337 iPd 39 05.20 2.0
pP 39 31.50 120km
isP 39 45.00
PP 40 15.00
iS 44 07.00
isS 44 54.00

03d 23h

KHT	32.08	296	eP	39	06.60	0.7				sS	47	17.00		RUV	85.02	105	eP	45	15.00	3.0X
GYA	32.36	322	P	39	10.00	1.6				SS	49	36.00			1.2s	30.00nm				5.1mb
			S	44	17.00					iScS	50	16.00					epP	45	40.00	94kmX
BDT	32.70	300	eP	39	09.00	-2.2	CAN	41.41	154	iPc	40	25.90	1.6	MSL	85.14	306	iPd	45	12.50	0.2
	0.8s	36.30nm				5.2mb				e	42	16.60					e	55	29.00	
BSI	33.04	278	eP	39	14.00	-0.3	TOO	41.98	159	eP	40	30.00	1.1	PMR	85.29	28	eP	45	13.00	0.5
VSG	33.18	109	eP	39	14.00	-1.5	HHC	42.04	341	iPd	40	30.00	0.6		0.8s	18.50nm				5.1mb
SHK	33.22	7	iPd	39	14.00	-1.6				pP	40	56.00	113km	PME	85.34	28	eP	45	13.10	0.3
SVO	33.24	109	eP	39	15.00	-1.0				PP	42	10.00		COL	86.20	25	eP	45	16.00	-1.0
HNR	33.45	109	eP	39	17.00	-0.8				S	46	40.00			0.8s	11.19nm				4.9mb
CHG	33.45	303	iPc	39	18.80	1.0	WAM	42.10	155	iPc	40	31.30	1.5	FBA	86.20	25	eP	45	07.20	-9.8X
	1.1s	132.28nm				5.7mb	CN2	42.28	357	Pd	40	29.00	-2.2	RTB	87.43	303	iPd	45	24.50	0.0
			eS	44	38.00					ePP	42	11.00					eS	55	56.00	
BAL	33.65	198	eP	39	18.00	-1.4				PcP	42	22.00		SYO	90.82	201	iP	45	39.30	0.6
	0.5s	44.00nm				5.5mb				ScP	46	02.60		HRI	91.26	303	iP	45	42.00	0.3
KMI	34.02	316	iPc+	39	24.00	1.1				eS	46	38.00		BHL	91.30	304	P	45	42.00	0.2
	7.0s	2.50nm				3.1mb X				eSS	49	46.00		NAI	91.38	269	ePc	45	44.00	1.2
			pP	39	53.00	132kmX				eScS	50	17.00			1.5s	111.11nm				5.9mb
			SP	40	13.00		BTO	42.33	339	P	40	31.50	-0.3	SPA	91.40	180	eP	45	42.00	0.3
			PP	40	45.00		SHL	42.40	308	iP	40	33.00	0.3		1.8s	298.15nm				6.2mb
			PcP	41	54.00					iS	46	44.00					e	46	10.00	105km
			iS	44	43.00		MDJ	43.04	2	iPd	40	37.80	0.4	JER	91.78	302	iPc	45	44.00	-0.1
			sS	45	35.00					pP	41	06.50	126kmX	INK	91.78	22	ePd	45	42.00	-1.2
			SS	47	09.00					S	46	46.00			1.5s	80.00nm				5.8mb
RMO	34.13	146	eP	39	23.00	-0.5				ScS	50	25.00		PRNI	92.02	300	iP	45	45.50	0.3
			e	40	37.00	391kmX	SAP	43.11	14	eP	40	39.00	1.1	KEV	92.54	340	iP	45	46.80	0.1
KLB	34.27	196	eP	39	23.00	-1.7				eS	46	57.00			0.8s	19.10nm				5.4mb
	0.5s	85.00nm				5.8mb	NOU	44.17	125	iPc	40	47.90	1.1				eSKS	56	08.00	
OYM	35.38	16	eP	39	30.30	-3.8X	LSA	45.04	312	Pc	40	55.00	0.8				ePS	57	56.00	
STK	35.48	160	iPc	39	34.90	0.0				iS	47	26.00		SOD	93.14	338	iP	45	48.00	-1.5
SRY	35.56	16	eP	39	32.60	-3.0X				sS	48	08.00					i	46	13.00	92kmX
NWAO	35.67	196	iPc	39	36.00	-0.6	GTA	45.80	329	P	41	00.00	0.3	KJF	93.28	334	iP	45	49.00	-1.2
	0.5s	50.00nm				5.6mb				pP	41	28.30	123km		0.7s	29.40nm				5.7mb
Z	22s	0.50um				4.2Msz				PcP	42	36.50					i	46	17.20	106km
DDR	35.91	15	eP	39	34.70	-3.9X				ScP	46	19.50					eSKS	56	08.00	
TIA	36.11	345	Pd	39	40.00	-0.1				iS	47	36.00					ePS	58	00.00	
			S	45	09.00					ScS	50	44.30		MBC	93.89	13	eP	45	53.00	0.2
			sS	45	51.00		VIS	46.93	293	iP	41	01.00	-7.8X	SUF	94.25	333	iP	45	53.20	-1.5
			SS	47	46.50		TAU	47.37	161	eP	41	12.00	0.1		0.4s	12.00nm				5.6mb
MAT	36.18	14	iPd-	39	38.00	-2.7	PKI	48.47	306	iPc	41	21.60	0.5	NUR	95.41	331	iP	45	58.70	-1.3
	0.9s	21.85nm				5.0mb	KKN	48.67	307	iPc	41	23.00	0.6	Z	24s	0.40um				4.8MszX
			eS	45	03.00		DMN	48.73	306	iPc	41	23.80	0.8				LR	30	00.00	
TSK	36.36	16	eP	39	36.90	-5.4X	VAR	49.55	303	iP	41	28.00	-1.0				eSKS	56	20.00	
CMS	36.77	154	eP	39	46.00	0.2				eS	48	28.00		CFR	96.06	316	ePc	46	02.00	-1.3
RKG	36.81	196	eP	39	50.00	3.9X	HYB	51.25	291	iPc	41	42.00	-0.1	VRI	96.95	316	ePd	46	07.00	-0.3
	0.4s	73.00nm				5.9mb		0.8s	271.00nm				6.2mb	MLR	97.55	316	iPc	46	10.00	-0.2
XAN	37.11	333	iPc	39	49.40	0.7				e	42	11.50	126kmX	IZM	97.66	309	iP	46	10.10	-0.7
			pP	40	16.00	116km				eS	48	51.50		EZN	98.18	310	iP	46	12.20	-0.7
			PP	41	20.00		GBA	51.60	286	P	41	44.00	-0.6	CMP	98.21	316	ePd	46	11.00	-2.1
			sP	41	28.00		WMO	55.43	325	iPd	42	12.00	-0.4	KRI	98.58	253	iPd	46	14.00	-1.4
			S	45	22.00					pP	42	39.00	112km	COZ	98.69	316	ePc	46	14.50	-0.9
			ScP	45	47.00					S	49	48.00		BUL	99.44	250	iPd	46	18.80	-0.5
			sS	46	09.00					sS	50	33.00			1.0s	27.50nm				5.8mb
CD2	37.34	324	iPc	39	51.60	0.9				iScS	51	48.00					ipP	46	47.50	108km
			iS	45	30.00		NDI	55.58	304	iP	42	12.00	-1.7	DEV	99.57	317	ePd	46	20.00	0.8
ADE	37.51	166	iPd	39	52.30	0.3				eS	49	46.80		DAG	99.74	353	iPc	46	18.20	-1.2
	1.0s	140.00nm				5.8mb	POO	55.86	291	iP	42	14.00	-1.9		0.5s	21.13nm				6.0mb
DL2	37.79	352	iPd	39	54.00	-0.2	BOM	56.90	292	eP	42	14.00	-9.2X				i	46	48.00	113km
			pP	40	21.00	119km				eS	50	05.00		CLO	99.80	316	ePd	46	20.50	0.2
			S	45	32.00		KRP	58.65	137	P	42	35.20	0.1	LSZ	99.98	255	iP	46	22.40	0.6
TIY	38.92	340	iPd	40	04.20	0.4				(pP)	43	00.90	104km				i	50	26.10	
			pP	40	30.00	113km	KSH	60.65	315	iPc	42	50.00	1.0	KRA	100.53	321	ePdiff	46	22.80	-0.6
			sP	40	40.50					iS	51	01.00					e	46	27.80	
			PP	41	39.50		GNZ	60.70	137	P	42	48.20	-0.9	VAY	100.73	312	iPdiff	46	22.50	-2.0X
			S	45	54.00		SMY	63.76	29	eP	43	09.00	-0.2	BLF	101.14	241	ePdiff	46	30.00	3.2X
			sS	46	34.00		QUE	64.58	303	iPc+	43	15.00	-0.3	SKO	101.43	313	iPdiff	46	26.00	-1.6
			ScS	50	04.00			0.8s	49.25nm				5.5mb	NB2	101.48	334	Pdiff	46	25.90	-1.5
COO	39.03	147	eP	40	05.00	0.3				eS	51	44.00			0.7s	14.00nm				5.7mb
BJI	39.96	346	iPd-	40	12.00	-0.3	ADK	68.09	33	eP	43	36.40	-0.5	BEO	101.49	316	iPdiff	46	27.20	-0.6
			S	46	08.00		DRV	68.45	175	eP	43	38.00	-0.8				i	50	44.20	
			esS	46	39.00		SHI	76.82	300	eP	44	28.00	-1.0	OHR	102.08	312	iPdiff	46	28.70	-1.9X
			eSS	49	03.00		AVY	81.40	251	iPc	44	53.50	-0.3	KSP	102.54	323	ePdiff	46	33.50	1.2
			ScS	50	10.00		SBA	81.86	172	iPc+	44	56.00	1.2				e	47	00.50	
YOU	40.26	154	iPc	40	16.10	1.2		1.5s	230.56nm				5.8mb				e	47	09.50	
SNY	40.45	355	iPd	40	16.00	-0.2	MAW	82.09	201	iPc	44	56.60	0.4	PRU	103.87	322	Pdiff	46	38.10	-0.2
			S	46	16.00		TTA	82.32	27	eP	44	58.60	1.0	Z	18s	0.40um				5.0Msz
			sS	46	56.00		KDC	83.13	32	eP	45	02.70	1.0				e	47	04.00	
BFD	40.65	162	eP	40	18.00	0.1	BRW	83.91	18	eP	45	07.10	1.6				e	50	08.00	
			e	40	44.00	113km	BHD	84.02	303	iPd	45	07.00	0.3	BRG	103.93	323	iPdiff	46	38.20	-0.3
LZH	41.21	330	iPc	40	25.00	2.2				i	45	37.00	116km		0.9s	23.00nm				6.1mb
	1.5s	569.00nm				6.1mb				iS	55	19.00					e	47	08.00	
			pP	40	48.00	98kmX	PMO	84.52	105	eP	45	12.00	2.5	CLL	104.34	324	ePdiff	46	40.00	-0.3
			e	40	57.00			1.2s	35.00nm				5.1mb				e	50	37.00	
			sP	41	02.50					epP	45	38.00	98kmX	KHC	104.75	322	Pdiff	46	41.00	-1.3
			PP	42	07.00		TPT	84.78	105	eP	45	14.00	3.2X				e	47	14.70	
			PPP	42	34.00			1.2s	35.00nm				5.1mb				e	50	12.00	
			iS	46	30.00					epP	45	39.00	94kmX				e	50	58.50	

		e	51	25.20		
MOX	105.40	324	e(PKP)	51	02.00	3.6X
Z	18s	0.60um			5.2Msz	
E	18s	0.50um				
MOX	105.40	324	ePdiff	46	45.00	0.0
Z	18s	0.60um			5.2Msz	
E	18s	0.50um				
		ePS	01	25.00		
		e	06	00.00		
		e	09	45.00		
		e	51	02.00		
		ePP	51	32.00		
EDM	105.50	33	ePdiff	46	45.50	0.0
VOY	105.58	319	e(PKP)	50	58.00	-1.1
		e	51	19.00		
GRF	105.99	323	ePKP	51	13.00	13.4X
1.2s	21.00nm					
Z	23s	0.30um			4.8MszX	
BMN	107.59	47	e(PKP)	50	47.10	-16.0X
EUR	108.80	47	i(PKP)	51	06.50	1.0
0.2s	5.58nm					
BSF	109.42	322	ePKP	51	05.90	-0.4
BNG	109.43	275	ePdiff	47	19.90	16.1X
0.9s	27.00nm					
		i	51	06.10		
		i	51	07.10		
		i	51	41.00		
DOU	109.71	325	PKP	51	08.20	1.6
		e	01	49.00		
		e	11	19.00		
		e	51	52.00		
LPG	110.43	320	ePKP	51	08.40	-0.1
DUG	110.85	46	ePKP	51	10.00	0.7
LOR	111.45	323	ePKP	51	09.90	-0.1
LBF	111.51	322	ePKP	51	10.20	0.1
SMF	111.75	322	ePKP	51	10.30	-0.3
SSF	111.76	323	ePKP	51	10.90	0.3
AVF	111.98	323	ePKP	51	10.60	-0.4
BGF	112.40	322	ePKP	51	11.90	0.1
TCF	112.91	322	ePKP	51	13.10	0.3
LSF	113.34	323	ePKP	51	13.40	-0.2
LPF	113.95	325	ePKP	51	15.70	1.0
MFF	114.17	324	ePKP	51	15.00	-0.3
LPO	114.31	321	ePKP	51	16.00	0.4
EPF	115.65	320	ePKP	51	17.90	-0.4
GOL	116.29	44	ePKP	51	20.00	0.1
0.9s	13.26nm					
GLD	116.37	44	ePKP	51	19.00	-0.9
ALQ	117.50	49	ePKP	51	21.00	-1.2
LGR	117.75	321	ePKP	51	34.00	11.8X
TOL	120.08	319	ePKP	51	27.00	0.3
LHC	120.71	28	ePKP	51	27.50	-0.1
SCH	122.63	10	ePKP	51	30.00	-1.1
OCO	123.79	45	e(PKP)	51	33.70	-0.3
IFR	124.00	313	iPKP	51	35.50	0.8
JCT	124.45	51	iPKP	51	35.20	-0.3
TUL	124.75	43	ePKPd	51	34.70	-1.1
1.1s	59.80nm					
RLO	125.14	43	ePKPd	51	36.10	-0.5
BHO	126.21	44	ePKP	51	38.40	-0.3
FVM	127.05	38	ePKP	51	40.00	-0.2
1.0s	30.00nm					
OXM	128.74	64	ePKP	51	45.00	0.6
OTT	128.82	21	ePKP	51	44.00	0.7
		pP	52	23.00		
TPM	129.40	64	iPKP	51	46.00	0.6
MNT	129.46	20	ePKP	51	44.50	0.0
RSNY	129.97	21	ePKP	51	45.20	-0.4
1.0s	9.00nm					
VHO	132.04	65	ePKP	52	06.50	16.0X
KIC	132.35	280	ePKP	51	34.10	-16.8X
		e	51	50.20		
		e	55	07.70		
BLA	133.33	32	e(PKP)	51	53.50	1.3
VBA	142.36	167	ePKPc	52	03.60	-5.2X
GCM	144.44	53	PKP	52	11.90	-0.9
RTCB	146.06	153	ePKPd	52	16.30	0.9
ZON	146.07	154	ePKP	52	17.00	1.6
RTLL	146.34	154	ePKPd	52	16.80	1.0
VCA	148.66	152	ePKP	52	21.50	1.8
CYA	149.99	155	e(PKP)	52	20.00	-1.6
UPA	150.54	69	ePKPd	52	28.80	6.1X
1.0s	152.00nm					
ANT	151.45	142	ePKP	52	31.00	7.2X
SLA	153.33	151	ePKPd	52	27.00	0.3
PSO	154.39	84	ePKP	52	30.00	1.2
YJA	155.46	148	ePKPc	52	32.80	2.8X

TPZ	155.91	147	PKPc	52	33.30	2.7X
			i	53	01.40	
SJG	156.03	35	e(PKP)	52	31.00	0.6
BOG	157.01	75	ePKP	52	33.00	0.8
BMG	157.20	68	ePKP	52	33.00	0.9
CNCB	157.95	135	iPKP	52	35.30	1.8
			i	53	10.00	
LPB	158.05	134	PKPc	52	35.20	1.8
			LR	48	25.00	
			i	53	12.40	
ZOBO	158.20	134	iPKPc	52	34.80	1.0
			LR	48	24.00	
SDV	158.67	61	ePKP	52	34.70	0.8
CCH	158.80	139	PKP	52	36.00	2.0
ITR	164.77	241	ePKP	52	39.80	0.0
1.5s	62.50nm					
SOB1	166.63	234	ePKP	52	41.30	0.0
			e	53	45.00	
ATB	178.10	169	PKPc	52	45.00	-1.0
S.D. = 1.0 on 212 of 243 obs.						

* SEP 03, 1985 23h 58m 15.83± 0.88s
21.796 N ±10.8km 111.740 E ± 8.0km
DEPTH = 33.0km (normal)
4.3mb (2 obs.)
EASTERN CHINA (664)

MCO	1.72	79	iP	58	44.90	1.0
			iS	59	07.00	
GZH	1.96	49	Pn	58	47.00	-0.4
			iPg	58	51.00	
			iSg	59	16.00	
HKC	2.31	77	iPn	58	52.30	-0.1
HKC	2.31	77	iP	58	57.30	4.9X
			iS	59	26.90	
QIZ	3.28	213	Pnc	59	05.00	-1.1
			iPg	59	15.00	
			Sg	59	57.30	
GYA	6.56	316	Pn	59	53.00	0.4
			Pg	00	17.00	
			Sg	01	43.60	
CD2	11.55	323	eP	01	02.00	0.5
XAN	12.45	349	eP	01	11.60	-1.9
PKI	24.58	289	eP	03	39.60	5.0X
0.8s	8.00nm				4.3mb	
KKN	24.72	289	eP	03	41.00	5.2X
DMN	24.85	289	eP	03	38.80	1.7
0.5s	5.00nm				4.4mb	
S.D. = 1.4 on 8 of 11 obs.						

* SEP 04, 1985 01h 06m 30.92± 2.56s
47.115 N ±25.3km 18.026 E ± 7.7km
DEPTH = 10.0km (geophysicist)
HUNGARY (549)

SRO	0.73	15	iPg	06	45.50	0.3
			iSg	06	55.10	
BUD	0.77	61	ePn	06	47.00	1.0
SOP	1.15	300	ePn	06	53.60	1.2
ZST	1.25	330	i(Pn)	06	53.60	-0.5
			i(Sn)	07	11.60	
PSZ	1.50	57	ePn	06	56.80	-1.2
KHC	3.60	306	ePg	07	27.00	-0.9
			eSg	08	18.60	
S.D. = 1.3 on 6 of 6 obs.						

? SEP 04, 1985 01h 20m 58.29± 6.83s
37.761 N ±69.1km 72.397 E ±19.1km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
TAJIK SSR (715)

QUE	8.80	212	eP	23	06.40	0.0
NDI	9.91	155	eP	23	21.50	0.0
			eS	25	01.00	
KKN	14.69	129	eP	24	24.60	-1.1
0.4s	17.00nm				4.8mb	
DMN	14.72	130	eP	24	26.20	0.1
0.4s	9.00nm				4.5mb	
PKI	14.93	129	eP	24	30.00	1.1
0.5s	13.00nm				4.5mb	
S.D. = 1.1 on 5 of 5 obs.						

* SEP 04, 1985 04h 07m 18.79± 1.33s
44.209 N ± 8.5km 114.140 W ±11.4km
DEPTH = 5.0km (geophysicist)
WESTERN IDAHO (33)

ML 3.0 (NEIS).

HPI	0.90	123	eP	07	36.50	-0.3
CCMT	1.15	52	iPd	07	40.80	-0.1
TMI	1.85	119	eP	07	51.60	0.0
LRM	2.01	36	ePn	07	53.50	-0.5
BUT	2.12	31	ePg	07	59.20	3.7X
			eSn	08	21.80	
LCCM	2.29	44	ePn	07	57.40	-0.5
IMW	2.33	97	eP	07	59.00	0.3
SXM	2.84	46	ePn	08	06.80	0.9
NEW	4.55	334	e(P)	08	30.00	0.1
S.D. = 0.6 on 8 of 9 obs.						

? SEP 04, 1985 04h 36m 17.28± 4.45s
59.395 N ±24.5km 6.746 E ±32.4km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

ODD	0.56	356	iPg	36	28.00	-0.6
			iSg	36	40.00	
KMY	0.79	257	iPg	36	32.40	-0.2
			iSg	36	44.50	
ASK	1.34	325	iPn	36	42.50	0.5
			iSn	37	02.30	
HYA	1.80	351	iPn	36	48.90	0.4
			eSn	37	12.00	
SUE	1.94	330	iPn	36	50.50	0.0
			iSn	37	16.10	
S.D. = 0.7 on 5 of 5 obs.						

& SEP 04, 1985 06h 00m 46.70s
37.752 N 122.090 W
DEPTH = 6.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.0 (BRK).
Mo=1.5*10**21 (BRK). Felt (V) at Dublin and (III) at Moraga. Also felt at San Leandro, Oakland, San Francisco, Daly City and San Bruno.

BKS	0.17	317	iPc	00	50.30	0.0
			iS	00	53.10	
BRK	0.18	312	iPc	00	50.40	-0.1
			iS	00	52.80	
ZSP	0.23	326	iPc	00	51.80	0.3
			iS	00	55.50	
PCC	0.34	223	iP	00	53.30	-0.3
MHC	0.54	139	ePc	00	57.60	0.0
ARN	0.60	132	iPd	00	58.50	-0.2
GCC	0.72	174	ePd	01	00.40	-0.8
NWRM	0.94	318	eP	01	03.60	-1.4
SLD	0.97	134	eP	01	04.90	-0.6
SAO	1.11	152	iP	01	06.40	-1.5
JAS1	1.33	82	iPc	01	10.00	-1.7
			eS	01	27.20	
ORV	1.86	14	iPd	01	16.10	-3.2
GAS	1.96	346	eP	01	19.20	-1.7
PRI	1.97	144	eP	01	21.20	0.1
FRI	2.04	111	eP	01	21.20	-0.8
WDC	2.85	353	eP	01	30.30	-3.2
EUR	5.10	68	iP	02	12.80	7.1
17 obs. associated						

% SEP 04, 1985 06h 15m 22.46± 1.07s
40.088 N ±10.3km 25.600 E ± 5.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BNT	0.59	297	iPg	15	34.50	0.2
			iSg	15	43.50	
EDC	0.62	295	iPg	15	34.50	-0.5
			iSg	15	44.50	
ISK	1.04	20	iPn	15	42.00	0.6
CTT	1.07	353	ePn	15	42.00	-0.5
GPA	1.32	81	iPn	15	46.90	0.0
EZN	1.77	262	ePn	15	53.30	0.0
DMK	1.85	340	ePn	15	55.30	0.9
S.D. = 0.6 on 7 of 7 obs.						

* SEP 04, 1985 06h 34m 16.31± 0.63s
19.016 N ± 8.7km 145.108 E ±12.1km
DEPTH = 601.2 ± 9.4 km
4.8mb (8 obs.)
MARIANA ISLANDS (216)

04d 06h

GUMO 5.48 182 eP 35 53.10 0.1
0.3s 157.59nm 5.5mb
GUA 5.45 182 eP 35 53.00 -0.4
0.6s 69.33nm 4.8mb
eS 37 09.60
MAT 18.48 342 (P) 37 58.00 0.6
KKM 30.94 249 ePd 39 49.00 1.2
MTN 34.53 205 iPc 40 17.30 -0.2
WRA 40.13 196 iPc 41 02.70 -0.5
eS 45 43.80
COL 63.26 26 eP 43 48.00 -0.8
INK 69.30 23 eP 44 25.00 -0.8
ALE 77.83 4 eP 45 14.00 0.6
0.7s 7.00nm 4.2mb
YKA 77.97 28 eP 45 15.40 1.0
PNT 79.17 42 eP 45 21.00 0.0
NEW 81.06 42 eP 45 31.00 0.2
KEV 81.46 342 iP 45 32.60 0.2
EDM 81.67 37 iP 45 34.00 0.2
SOD 82.87 340 iP 45 44.60 5.1X
SES 84.04 39 iPd 45 46.00 0.3
0.5s 29.00nm 5.2mb
KJF 84.22 337 iP 45 46.00 -0.2
0.5s 16.80nm 4.9mb
LRM 84.90 43 eP 45 50.60 0.4
SUF 85.62 336 iP 45 51.90 -1.1
0.4s 3.10nm 4.4mb
FFC 87.13 32 eP 46 00.00 -0.3
0.7s 8.00nm 4.6mb
NUR 87.47 335 iP 46 00.00 -1.8
1.0s 20.00nm 4.8mb
ALQ 93.50 51 eP 46 30.50 0.1
ZOBO 148.24 90 PKP 52 54.60 0.5
LPB 148.31 91 ePKP 52 55.00 1.0
CNCB 148.46 91 ePKP 52 54.00 -0.5
i 53 00.30
CCH 150.29 92 iPKP 53 13.30 16.5X
TPZ 151.00 100 PKP 53 06.10 8.2X
S.D. = 0.7 on 24 of 27 obs.

• SEP 04, 1985 06h 42m 22.24± 1.37s
11.437 S ±14.0km 119.452 E ±14.4km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
SOUTH OF SUMBA ISLAND (292)

TRT 7.68 298 iPd 44 14.50 -0.1
MBL 9.68 178 eP 44 41.00 -1.3
0.3s 6.00nm 5.3mb X
eS 46 21.00
NAU 11.67 198 eP 45 10.00 0.4
eS 47 07.00
MEK 15.12 183 eP 45 56.00 0.8
eS 48 29.00
WRA 16.63 122 eP 46 14.80 0.2
eS 49 14.20
ASPA 18.36 133 eP 46 39.00 2.9X
0.8s 12.00nm 4.1mb
S.D. = 1.1 on 5 of 6 obs.

& SEP 04, 1985 06h 43m 03.00s
38.565 N 122.242 W
DEPTH = 7.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.2 (BRK).
Mo=1.2•10••21 (BRK).

NWRM 0.52 258 eP 43 13.00 -0.4
ZSP 0.62 181 iPd 43 15.30 -0.1
iS 43 25.80
BKS 0.69 180 eP 43 16.00 -0.8
iS 43 26.20
BRK 0.69 181 iPd 43 16.20 -0.6
iS 43 26.80
PCC 1.07 186 ePd 43 22.20 -1.2
ORV 1.15 30 eP 43 22.90 -1.8
GAS 1.15 341 eP 43 23.00 -1.8
MHC 1.31 159 ePd 43 25.90 -1.7
ARN 1.34 155 eP 43 25.50 -2.5
GCC 1.54 173 eP 43 28.80 -2.1
JAS1 1.57 113 iPc 43 30.30 -1.0
iS 43 50.40
MIN 1.84 15 eP 43 33.30 -2.2
eS 43 57.70
SAO 1.90 160 ePd 43 33.90 -2.3
EUR 4.97 77 eP 44 17.20 -2.8
0.2s 0.56nm

14 obs. associated

? SEP 04, 1985 07h 30m 11.32± 0.97s
33.552 S ± 7.1km 68.451 W ±77.5km
DEPTH = 10.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

RFA 1.22 181 iPc 30 34.00 0.0
S 30 51.80
RTCV 1.69 358 ePd 30 41.10 0.0
CFA 1.95 5 ePc 30 44.00 -0.8
S 31 12.30
ZON 2.01 354 eP 30 46.00 0.3
RTCB 2.08 352 ePc 30 46.00 -0.8
RTLL 2.22 360 ePc 30 50.00 1.3
S.D. = 1.0 on 6 of 6 obs.

SEP 04, 1985 08h 23m 55.24± 1.36s
5.594 N ± 6.9km 126.412 E ± 9.7km
DEPTH = 106.5 ± 12.5 km
5.2mb (15 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

CGP 3.31 329 ePd 24 45.40 -0.8
iS 25 14.50
AAI 9.39 169 eP 26 10.10 0.8
KKM 10.15 273 ePd 26 22.10 2.4
e 28 19.40
MTN 18.91 166 eP 28 08.00 -2.4
TRT 19.06 226 ePd 28 06.50 -5.5X
KNA 21.33 174 iPc 28 35.10 -0.2
0.8s 120.00nm 5.3mb
KGM 23.31 262 ePc 28 57.00 2.3
IPM 25.31 269 ePd 29 12.10 -1.6
WRA 26.55 163 eP 29 23.70 -1.3
i 29 30.20
eS 34 26.40
LOE 26.84 298 eP 29 26.00 -1.8
NNT 27.23 287 eP 29 33.80 2.6
MBL 27.36 193 eP 29 32.00 -0.4
PSI 27.56 265 ePc 29 34.40 0.1
0.7s 36.60nm 5.1mb
CHG 29.83 299 iPd 29 54.00 -0.6
0.6s 11.33nm 4.8mb
KMI 29.86 313 eP 29 55.50 0.4
NAU 29.93 201 eP 29 55.00 -0.4
0.5s 11.00nm 4.8mb
ASPA 29.99 166 eP 29 55.00 -0.9
0.6s 51.00nm 5.4mb
epP 30 12.00 71kmX
ePP 31 05.00
CTA 32.13 143 eP 30 15.00 0.3
MEK 32.91 193 eP 30 20.50 -1.0
0.4s 17.00nm 5.2mb
BJI 35.51 346 eP 30 43.50 0.0
LZH 36.75 329 iPd 30 55.00 0.8
1.5s 68.00nm 5.3mb
SHL 38.54 305 iP 31 08.50 -0.9
MUN 38.61 194 eP 31 09.00 -0.6
NWAO 39.29 192 iPc 31 15.50 0.2
0.4s 8.00nm 4.9mb
STK 39.98 160 eP 31 21.00 0.0
e 33 25.00
RKG 40.44 192 eP 31 30.00 5.3X
BRS 41.53 143 P 31 34.80 1.0
ADE 41.98 165 iPc 31 38.10 0.7
0.7s 31.51nm 5.2mb
PKI 44.65 304 eP 31 59.00 -0.6
0.7s 24.00nm 5.1mb
KKN 44.84 304 eP 32 00.40 -0.5
0.9s 54.00nm 5.4mb
DMN 44.92 304 eP 32 01.30 -0.3
1.0s 71.00nm 5.4mb
CAN 45.91 154 eP 32 03.50 -5.5X
WAM 46.60 155 eP 32 15.80 1.4
GBA 48.87 283 P 32 31.20 -1.1
NDI 51.85 302 iPd 32 52.50 -2.4
0.7s 27.40nm 5.4mb
COL 83.18 25 eP 36 10.00 -0.5
SBA 86.21 172 e(P) 36 26.10 0.7
INK 88.56 21 eP 36 33.00 -3.9X
KJF 88.78 334 iP 36 38.00 0.0
0.6s 17.00nm 5.3mb
SUF 89.76 333 eP 36 43.00 0.4
0.5s 4.00nm 4.8mb
MLR 93.35 316 Pc 36 59.50 -0.2
SPA 95.56 180 e(P) 37 14.80 5.4X

BNG 107.28 276 iPKPd 42 07.60 -4.1X
0.5s 17.00nm
ic 42 49.00
ALQ 116.00 47 ePKP 42 29.00 1.0
0.8s 1.87nm
SCH 118.81 9 ePKP 42 33.00 0.5
JCT 123.07 48 iPKP 42 42.10 0.7
0.6s 7.00nm
e 43 00.00
KIC 129.82 283 e(PKP) 42 56.80 2.0
VBA 146.80 168 ePKPd 43 27.40 2.5X
S.D. = 1.2 on 41 of 48 obs.

SEP 04, 1985 08h 32m 24.40± 1.24s
36.265 N ± 6.6km 71.028 E ± 5.0km
DEPTH = 53.2 ± 12.9 km
5.0mb (23 obs.)
AFGHANISTAN-USSR BORDER REGION (717)
Felt (III) at Khorog and
Dushanbe, USSR.

QUE 6.96 211 iPd 34 07.00 0.7
eS 35 20.00
NDI 9.19 144 iP 34 37.50 0.5
eS 36 14.00
MHI 9.31 274 iPc 34 37.50 -1.3
eS 36 13.00
DMN 14.73 122 eP 35 51.00 -0.3
KKN 14.74 121 eP 35 50.60 -0.8
PKI 14.96 121 eP 35 53.70 -0.7
VAR 15.00 133 eP 35 54.00 -0.6
eS 38 30.00
POO 17.84 171 iP 36 31.50 1.0
HYB 19.92 158 ePd 36 54.30 -0.3
SHL 20.79 115 eP 37 03.40 -0.2
GBA 23.29 164 P 37 29.00 0.8
S 41 59.00
LZH 26.42 81 eP 38 02.00 3.9X
KOD 26.56 166 eP 38 00.50 0.9
CHG 30.09 118 eP 38 33.00 1.9
CFR 33.36 299 ePd 38 59.50 0.1
MLR 34.92 300 iPd 39 13.50 0.5
BJI 35.41 70 eP 39 19.00 1.9
NUR 38.03 324 iP 39 44.10 5.3X
0.9s 33.80nm 5.3mb
KJF 38.11 331 iP 39 39.00 -0.4
0.9s 30.40nm 5.2mb
SUF 38.13 328 iP 39 40.20 0.5
0.8s 21.20nm 5.1mb
KRA 38.97 307 eP 39 46.40 -0.4
e 39 48.00
e 39 55.40
SOD 39.96 335 iP 39 55.80 1.0
KEV 41.03 338 iP 40 04.30 0.8
0.6s 17.00nm 5.0mb
UPP 41.27 322 iP 40 06.40 0.8
PRU 42.45 307 eP 40 14.00 -1.5
e 41 06.50
e 41 55.50
BRG 42.79 308 iPc 40 19.30 1.1
0.7s 15.00nm 4.8mb
e 42 06.00
KHC 43.14 306 eP 40 35.00 13.8X
e 40 56.50
e 42 04.50
CLL 43.36 309 eP 40 24.00 1.2
e 42 09.00
MOX 44.28 308 eP 40 31.50 1.2
NB2 44.58 323 P 40 31.50 -1.2
0.8s 29.50nm 5.1mb
PPI 45.60 137 e(P) 40 41.00 -0.2
BSF 47.79 305 eP 40 58.00 -0.3
0.8s 9.90nm 4.9mb
LPG 48.29 302 eP 41 03.50 1.1
1.0s 6.00nm 4.6mb
SMF 50.00 304 eP 41 15.20 0.0
0.7s 5.50nm 4.7mb
AVF 50.30 304 eP 41 17.10 -0.3
0.7s 6.20nm 4.7mb
MZF 50.95 304 eP 41 22.90 0.5
1.0s 7.60nm 4.7mb
TCF 51.18 304 eP 41 24.40 0.2
0.8s 3.70nm 4.5mb
LSF 51.65 304 eP 41 27.30 -0.4
1.0s 11.10nm 4.8mb
XSO 51.93 316 ePc 41 29.60 -0.1
XAL 52.03 315 ePc 41 30.50 0.0

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      0.5s    10.00nm          5.1mb
ESY   52.06 317 ePc   41 30.50  -0.1
EDU   52.16 318 ePc   41 31.20  -0.2
EDI   52.37 317 ePc   41 32.60  -0.4
      0.6s    15.00nm          5.2mb
EKA   52.47 316 Pc    41 33.40  -0.3
      0.9s    14.20nm          5.0mb
EBH   52.49 317 ePc   41 33.50  -0.4
      0.7s    21.00nm          5.3mb
ESK   52.50 316 eP    41 33.60  -0.4
EAB   52.96 317 ePc   41 37.10  -0.2
      0.6s    11.00nm          5.1mb
MAT   53.02  68 eP    41 37.00  -1.1
      1.0s    14.00nm          4.9mb
MTD   64.60 222 iPc   42 58.90   0.2
MBC   67.57   3 eP    43 16.00  -0.8
      0.7s    35.00nm          5.5mb
BUL   68.96 223 iPd   43 24.00  -2.3
IMA   72.34  18 eP    43 45.00  -1.2
INK   74.13   9 eP    43 56.00  -0.3
TTA   74.24  20 eP    43 58.00   0.8
COL   74.69  16 eP    43 59.00  -0.6
      1.0s    18.00nm          5.0mb
FBA   74.69  16 eP    43 58.80  -0.8
      1.0s    20.00nm          5.0mb
PMS   77.37  19 eP    44 10.80  -4.0X
      1.0s    20.00nm          5.1mb
KDC   79.46  22 eP    44 26.40   0.2
YKA   81.48   3 eP    44 39.50   2.7
WRA   81.85 122 eP    44 37.20  -2.2
CTA   90.42 115 iP    45 24.80   3.3X
EDM   90.80   3 eP    45 22.50  -0.4
SPA  126.08 180 e(PKP)51 15.00  -6.5X
     S.D. = 1.0  on  57 of  63 obs.

*  SEP  04, 1985  09h 40m 28.53± 1.14s
   45.407 N ±13.1km   25.334 E ± 7.1km
   DEPTH =  10.0km  (geophysicist)
 ROMANIA                              (358)

CMP    0.25 237 iPc   40 34.00   0.1
MLR    0.44  79 iPc   40 37.50   0.0
COZ    0.70 263 iPc   40 42.50  -0.1
ISR    0.90 107 iPd   40 47.50   1.8X
VRI    1.08  64 iPd   40 51.00   2.2X
CLO    1.82 260 eP    41 02.00   1.9X
CFR    2.00  95 eP    40 45.00 -17.7X
TLB    2.08 112 iPd   41 06.00   2.1X
              e       50 31.00
PVL    2.26 183 iPd   41 11.00   4.5X
PSN    2.67 129 iPd   41 19.00   6.7X
VTS    3.20 210 eP    41 28.00   8.2X
PLD    3.33 188 eP    42 15.00  53.3X
DIM    3.36 177 eP    41 23.00   0.8
KDZ    3.76 180 eP    41 27.00  -0.9
VAY    4.55 207 ePn   41 56.40  17.4X
     S.D. = 0.9  on   5 of  15 obs.

   SEP  04, 1985  09h 48m 24.51± 0.73s
   38.482 N ± 5.8km   21.437 E ± 4.2km
   DEPTH =  35.6 ±  8.8 km
   4.4mb ( 13 obs.)  3.2Msz (  1 obs.)
 GREECE                               (364)
     ML 4.2 (ATH), 4.0 (TTG).

VLS    0.73 246 iPgc  48 40.00   1.6
LIT    1.81  26 iPbd  48 54.40   0.5
              iSb     49 20.70
KZN    1.84   8 iPbc  48 56.50   2.1
              eSb     49 21.80
ATH    1.87 105 ePn   48 54.50  -0.2
              ePg     48 57.70
              eSg     49 22.00
PAIG   2.26  50 iPnd  48 59.50  -0.8
THE    2.45  28 ePn   49 04.30   1.4
              eSn     49 36.00
OHR    2.67 350 iPn   49 08.20   2.0
OUR    2.70  46 ePnd  49 06.60   0.1
KNT    2.90  22 ePnd  49 10.20   0.8
              eSn     49 47.60
VAY    2.97  17 iPn   49 11.40   1.1
                i     49 17.70
              iSn     49 48.00
SRS    3.11  32 ePnd  49 12.10  -0.3
              eSn     49 50.10
SKO    3.49   0 iPn   49 18.80   1.2
                i     49 20.50

MMB    3.57  29 iPd   49 18.00  -0.8
PRK    3.85  77 ePn   49 20.50  -2.3
EZN    4.03  69 eP    49 25.20  -0.2
TTG    4.28 338 iPnd  49 30.00   1.1
              iSn     50 17.00
VTS    4.33  18 iP    49 31.00   1.4
KDZ    4.35  42 iPd   49 29.00  -1.0
PLD    4.40  34 eP    49 33.00   2.4
IVA    4.54 346 ePn   49 33.80   1.2
HCY    4.55 331 iPnd  49 32.00  -0.7
              eSn     50 19.60
IZM    4.57  89 iP    49 33.10  -0.1
NPS    4.64 133 ePb   49 38.80   4.7X
NKY    4.71 338 ePn   49 35.00  -0.1
              eSn     50 28.00
DIM    4.77  40 eP    49 35.00  -0.8
BRY    4.93 334 ePn   49 37.50  -0.8
PLE    5.08 343 ePn   49 38.00  -2.4
EDC    5.31  67 eP    49 40.00  -3.6X
BNT    5.36  68 eP    49 45.00   0.8
PVL    5.45  30 iPc   49 44.00  -1.5
YER    5.59 102 iP    49 48.80   1.4
JMB    5.59  43 eP    49 46.00  -1.4
DMK    5.88  53 eP    49 48.30  -3.3X
CLO    6.66   8 ePd   50 05.50   3.0X
GPA    7.11  73 eP    50 08.90   0.1
COZ    7.17  17 ePd   50 10.50   0.8
PSN    7.28  42 eP    50 12.00   1.0
CMP    7.29  20 ePc   50 13.00   1.6
ISR    7.66  28 eP    50 16.00  -0.6
MLR    7.77  24 iPc   50 19.00   0.9
VRI    8.36  26 iPc   50 28.00   1.8
CFR    8.36  35 eP    50 33.50   7.3X
ZAG    8.37 333 ePn   50 40.60  14.3X
              eSn     52 03.30
              eSb     52 28.40
CEY    8.92 327 iPn   50 31.70  -2.3
     0.7s   207.00nm          6.4mb X
              i       50 41.40
              iSn     52 08.20
LJU    9.12 328 iPn   50 34.00  -2.7
     0.7s   810.00nm          7.0mb X
              eSn     52 15.00
TRI    9.20 324 eP    50 34.80  -2.9
                i     52 13.20
                i     53 34.00
VOY    9.39 326 ePnc  50 38.80  -1.7
              iSn     52 19.80
SRO    9.60 347 eP    50 58.00  14.7X
SOP    9.86 340 e(P)  50 43.00  -3.9X
ZST   10.21 343 iP    51 35.90  44.3X
KHC   12.05 335 eP    51 15.70  -1.0
                e     51 21.50
                e     53 27.20
                e     53 32.60
PRU   12.51 339 eP    51 27.00   4.2X
   Z  14s      1.50um
   N  14s      0.90um
   E  14s      0.80um
                e     51 36.50
                e     54 38.50
                e     05 17.00
HRI   12.71 110 iP    51 25.00  -0.6
LPG   12.97 307 eP    51 30.30   1.1
     0.8s    11.20nm          5.0mb X
JER   13.10 117 eP    51 29.00  -1.7
                eS    53 47.00
GRF   13.38 330 eP    51 42.00   7.7X
     0.9s    17.00nm          5.0mb X
   Z  20s     0.60um
PRNI  13.82 122 eP    51 38.50  -1.6
                eS    54 05.00
MOX   14.01 333 eP    51 44.00   1.4
   Z  22s     2.10um
   N  16s     0.90um
   E  16s     1.00um
CLL   14.14 338 i(P)  52 02.50  18.3X
     1.1s    20.00nm
                e     55 46.00
BSF   14.18 316 eP    51 43.70  -1.2
CDF   14.27 319 eP    51 45.60  -0.5
HAU   14.52 316 eP    51 48.80  -0.5
     0.6s     4.30nm          4.1mb
SMF   15.29 308 eP    51 58.30  -1.1
     0.6s     8.10nm          4.1mb
LBF   15.36 309 eP    52 03.80   3.5X
     0.8s     6.40nm          3.9mb

LOR   15.57 310 eP    52 03.10   0.2
WLF   15.64 321 P     52 20.20  16.5X
AVF   15.66 308 eP    52 04.40   0.3
      0.7s     7.30nm          4.0mb
SSF   15.69 309 eP    52 02.10  -2.3
BGF   15.88 306 eP    52 06.60  -0.3
      0.8s    14.20nm          4.2mb
GRC   16.05 309 iPd   52 14.00   4.9X
                i     52 24.70
DOU   16.69 319 P     52 18.10   0.9
                e     55 36.00
LGR   18.62 290 eP    52 43.00   1.8
TOL   19.79 282 eP    52 56.00   1.3
IFR   22.02 265 iPc   53 20.50   2.8X
NUR   22.14   4 iP    53 18.20  -0.2
      0.9s    28.70nm          4.7mb
   Z  20s     0.10um          3.2Msz
                LR    02 30.00
NB2   23.47 347 P     53 30.50  -1.0
      0.7s     9.80nm          4.4mb
EKA   23.60 324 Pc    53 33.40   0.7
      0.7s    12.10nm          4.5mb
EDU   24.26 326 ePc   53 39.70   0.6
SUF   24.44   5 iP    53 39.90  -0.9
      0.4s     5.20nm          4.4mb
ELO   24.53 325 eP    53 43.20   1.5
EAB   24.64 324 eP    53 42.60  -0.2
      0.7s    10.00nm          4.5mb
KJF   26.02   6 iP    53 54.00  -1.7
      0.8s    19.10nm          4.7mb
SOD   29.09   4 iP    54 21.70  -1.8
BNG   33.99 185 iPc   55 08.40   1.4
      0.6s    11.00nm          5.0mb
                id    55 29.70
SCH   58.70 317 eP    58 20.00  -0.7
CHG   68.93  82 eP    59 19.60  -8.7X
INK   71.89 350 eP    59 46.00   0.7
RLO   85.35 313 eP    01 01.20   1.9
TUL   85.97 314 eP    01 04.30   1.9
      0.9s     7.10nm          4.9mb
BHO   86.52 312 eP    01 07.80   2.7X
WRA  119.83  93 ePdiff03 41.50   5.6X
                eS    07 13.70
     S.D. = 1.4  on  72 of  91 obs.

   SEP  04, 1985  10h 04m 13.51± 0.78s
   46.986 N ± 8.1km   18.092 E ± 5.5km
   DEPTH =   5.0km  (geophysicist)
 HUNGARY                              (549)
     ML 3.3 (VKA).

BUD    0.81  52 ePn   04 28.60  -1.0
     1.0s    64.50nm
SRO    0.84  10 iPg   04 29.80  -0.4
              iSg     04 41.00
SOP    1.25 304 iPn   04 37.20  -0.1
ZST    1.38 331 i(Pn) 04 39.00  -0.4
              e(Sn)   04 57.50
PSZ    1.54  52 iPn   04 42.00   0.3
VKA    1.75 317 iPnd  04 44.60  -0.2
              iPg     04 47.50
              iSn     05 07.50
              iSg     05 10.50
LJU    2.63 250 e(Pn) 05 04.10   6.7X
     1.3s   330.00nm
              e(Sg)   05 40.90
SPC    2.63  32 eP    05 35.30   7.7X
CEY    2.83 245 e(Pn) 05 08.60   8.4X
              eSg     05 50.90
VOY    3.05 253 e(Pn) 05 02.80  -0.6
TRI    3.26 248 iP    05 16.40  10.2X
KHC    3.71 307 ePn   05 13.00   0.2
              ePg     05 19.00
                e     05 42.50
              eSn     06 04.50
              eSg     06 18.70
CLO    3.80 119 iPc   05 14.50   0.5
PRU    3.82 323 ePn   05 17.00   2.7X
              Pg      05 26.50
              eSn     05 56.00
              Sg      06 07.00
                e     06 19.50
PRU    3.82 323 Pg    05 26.50  12.2X
              eSn     05 56.00
              Sg      06 07.00
                e     06 19.50
KSP    4.04 344 eP    05 19.00   1.7
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04d 10h

1.1s 24.00nm
ec 06 05.50
ic 06 33.50
BRG 4.75 326 e(P) 05 45.00 17.5X
e 06 21.00
e 06 43.00
CLL 5.46 324 (Pg) 05 57.00 19.4X
eSg 07 06.00
S.D. = 0.9 on 10 of 18 obs.

? SEP 04, 1985 10h 46m 49.95± 1.46s
31.341 S ± 8.8km 68.719 W ±33.2km
DEPTH = 109.5 ± 13.1 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 0.16 285 iPd 47 05.80 0.0
S 17 17.20
RTMO 0.17 165 iPd 47 05.40 -0.4
S 47 16.80
ZON 0.21 170 iPd 47 06.20 0.4
eS 47 18.00
RTLL 0.21 87 iPd 47 05.20 -0.7
CFA 0.49 123 iPd 47 07.10 0.2
S 47 19.60
RTCV 0.54 163 iPd 47 07.90 0.6
VCA 2.63 10 ePd 47 32.00 0.1
S 48 04.00
RFA 3.43 177 ePc 47 42.30 -0.2
S.D. = 0.5 on 8 of 8 obs.

* SEP 04, 1985 12h 54m 35.64± 0.90s
42.207 N ± 9.0km 26.030 E ± 6.9km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

DIM 0.37 244 iPgc 54 43.00 -0.2
KDZ 0.76 222 iPd 54 51.00 0.5
PVL 1.13 326 iPd 54 57.00 0.2
DMK 1.34 186 ePn 55 00.30 -0.1
MMB 1.83 251 iPc 55 07.00 -0.4
VAY 2.74 252 ePn 55 27.00 6.6X
S.D. = 0.5 on 5 of 6 obs.

* SEP 04, 1985 13h 27m 55.66± 1.26s
17.788 N ±13.1km 101.204 W ± 9.7km
DEPTH = 33.0km (normal)
3.2mb (1 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

PIM 0.81 307 iP 28 10.50 -0.1
OXM 2.08 44 iP 28 29.50 0.3
TPM 2.36 59 iP 28 33.00 0.0
UNM 2.46 51 eP 28 39.00 4.4X
iS 29 10.00
TAC 2.49 50 eP 28 35.50 0.4
i 29 16.00
IIP 2.67 54 iP 28 39.00 1.5
iS 29 18.00
IIC 2.70 43 eP 28 37.00 -1.0
iS 29 17.00
PIO 3.25 115 iP 28 44.00 -1.5
iS 29 33.00
VHO 4.30 97 iP 29 01.00 0.3
PBJ 5.70 103 iP 29 20.00 -0.3
i 30 19.50
COM 8.82 99 eP 30 06.00 2.0
BHO 17.47 18 eP 31 58.20 -0.2
ALQ 17.72 346 eP 32 03.50 1.8
0.7s 1.54nm 3.2mb
TUL 18.68 14 eP 32 10.50 -2.8
0.6s 35.60nm 4.7mb X
RLO 19.11 15 eP 32 14.80 -3.7X
GLA 19.52 324 e(P) 32 25.00 1.6
INK 54.46 346 eP 37 20.00 -1.9
S.D. = 1.5 on 15 of 17 obs.

? SEP 04, 1985 13h 52m 16.81± 1.10s
10.591 S ±23.6km 161.183 E ±19.6km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
SOLOMON ISLANDS (193)

CTA 17.20 235 iPc 56 21.20 4.8X
0.6s 9.67nm 4.1mb
CTAO 17.20 235 eP 56 17.30 0.9
BRS 18.49 204 P 56 39.70 7.4X
RMO 19.69 215 iPd 56 50.70 4.3X
CMS 25.19 212 eP 57 44.00 3.0X
WRA 27.48 247 iPc 58 02.00 -0.2
KNA 31.95 257 iPd 58 41.20 -0.9
0.8s 54.00nm 5.5mb X
MBL 41.02 250 eP 59 59.00 0.1
SBA 67.31 179 e(P) 03 09.70 -0.4
MAW 83.44 202 eP 04 46.00 4.0X
COL 84.34 19 eP 04 47.00 0.5
0.7s 6.85nm 4.9mb
SOB1 150.51 131 ePKP 12 09.90 7.7X
e 12 33.40
S.D. = 0.8 on 6 of 12 obs.

& SEP 04, 1985 14h 06m 33.80s
61.340 N 151.242 W
DEPTH = 66.9km
SOUTHERN ALASKA (2)
<AGS-P>.

SUA 0.27 62 iP 06 44.45 -0.3
eS 06 53.33
CGLM 0.37 265 iP 06 45.04 -0.4
eS 06 53.73
SPU 0.42 248 iP 06 45.28 -0.6
CRP 0.45 261 iP 06 45.86 -0.3
eS 06 55.34
NKA 0.60 180 eP 06 48.78 1.3
SKT 0.66 348 iP 06 47.51 -0.7
eS 06 58.46
PWA 0.72 64 iP 06 48.64 -0.3
PMS 0.82 96 iP 06 49.64 -0.5
RDT 0.96 217 iP 06 51.23 -0.7
eS 07 04.88
SLKM 0.97 149 iP 06 50.94 -1.2
PMR 1.04 75 iP 06 52.20 -0.7
eS 07 06.69
PME 1.10 74 iP 06 53.12 -0.6
eS 07 07.73
PTE 1.18 113 iP 06 53.75 -0.9
GHO 1.19 68 iP 06 54.25 -0.8
eS 07 10.75
MPA 1.25 132 iP 06 55.00 -0.7
KNK 1.34 86 eP 06 56.38 -0.6
ILM 1.40 214 iP 06 57.28 -0.4
eS 07 16.41
SML 1.47 70 eP 06 57.57 -1.1
PWL 1.49 108 eP 06 57.47 -1.5
SEW 1.52 144 eP 06 59.41 0.1
BRLK 1.59 173 eP 06 59.48 -0.9
eS 07 21.46
CFI 1.69 94 eP 07 00.28 -1.3
CNPM 1.82 180 eP 07 02.82 -0.7
SCM 1.94 73 eP 07 04.27 -0.9
KNIM 1.98 119 eP 07 03.70 -2.1
GLI 2.07 101 eP 07 04.54 -2.4
eS 07 29.06
SVW 2.13 266 eP 07 06.68 -1.2
MTU 2.23 126 iP 07 07.77 -1.4
VZW 2.29 95 eP 07 07.94 -2.1
VLZ 2.38 93 eP 07 13.83 2.6
FID 2.39 102 eP 07 08.38 -3.0
eS 07 36.57
KLU 2.56 84 eP 07 11.66 -2.2
eS 07 41.12
32 obs. associated

* SEP 04, 1985 15h 05m 48.35± 1.56s
36.330 N ±11.8km 71.147 E ± 8.5km
DEPTH = 80.5 ± 18.3 km
4.5mb (3 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE 7.06 211 eP 07 31.00 -0.2
eS 08 47.00
NDI 9.18 144 eP 08 00.00 -0.2
iS 09 37.50
MHI 9.41 273 eP 08 03.00 -0.3
DMN 14.68 122 eP 09 13.60 0.2
0.5s 29.00nm 4.8mb
KKN 14.69 121 eP 09 13.00 -0.4
PKI 14.91 122 eP 09 16.80 0.4
0.5s 13.00nm 4.4mb
HYB 19.95 159 eP 10 16.50 0.0
GBA 23.32 164 P 10 51.30 1.3
NUR 38.04 324 iP 13 00.80 0.8
KJF 38.10 331 eP 12 55.00 -5.5X
SUF 38.13 328 iP 13 01.40 0.6
NB2 44.59 323 P 13 53.20 -0.6
0.6s 2.70nm 4.3mb
WRA 81.80 122 iPc 17 58.30 -1.6
S.D. = 0.9 on 12 of 13 obs.

% SEP 04, 1985 15h 33m 52.13± 0.65s
46.263 N ± 7.2km 8.635 E ± 5.4km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)

TMA 0.23 133 iP+ 33 57.80 0.7
MMK 0.51 246 eP 34 02.10 -0.5
VDL 0.62 69 eP 34 04.20 -0.6
LLS 0.66 22 eP 34 05.00 -0.3
DIX 0.87 258 eP 34 09.00 0.0
SAX 1.10 26 eP 34 16.20 3.2X
OSS 1.13 67 eP 34 13.00 -0.3
SLE 1.51 356 eP 34 20.30 1.1
S.D. = 0.8 on 7 of 8 obs.

? SEP 04, 1985 16h 11m 14.78±17.09s
35.911 N ±28.7km 137.059 E ±139.km
DEPTH = 33.0km (normal)
HONSHU, JAPAN (227)

MAT 1.12 56 iPd 11 34.20 -0.1
iS 11 45.40
DDR 1.73 86 iPd 11 43.00 -0.1
S 12 00.60
SRY 1.83 99 eP 11 44.00 -0.4
OYM 1.84 105 eP 11 43.90 -0.8
TSK 2.49 82 eP 11 54.20 0.3
KYS 2.62 105 eP 11 56.70 1.0
S.D. = 0.8 on 6 of 6 obs.

? SEP 04, 1985 16h 25m 58.25± 6.72s
30.603 N ±55.9km 116.203 W ±29.1km
DEPTH = 5.0km (geophysicist)
BAJA CALIFORNIA (48)

PBX 1.21 339 iPc 26 20.40 -0.8
S 26 37.81
ENX 1.34 343 iPd 26 22.83 -0.5
S 26 41.68
CBX 1.75 347 iPc 26 29.54 0.1
S 26 53.49
GLA 2.71 25 eP 26 42.20 -1.1
SDW 4.06 350 eP 27 03.00 0.5
TDM 4.60 68 (P) 27 10.00 -0.2
VPEM 5.50 346 eP 27 22.30 -0.7
NOP 5.51 0 eP 27 24.00 0.9
EUR 8.86 1 iP 28 12.00 1.8
0.2s 0.56nm 4.6mb X
S.D. = 1.1 on 9 of 9 obs.

? SEP 04, 1985 17h 06m 19.80± 3.60s
30.185 S ±20.8km 71.996 W ±27.1km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

JACH 2.76 155 iP 07 01.00 -1.8
iS 07 37.50
ROCH 2.90 163 eP 07 04.50 -0.4
RTCB 3.04 116 ePd 07 06.90 0.1
PEL 3.15 160 eP 07 11.00 2.7
iS 07 49.80
ZON 3.16 116 eP 07 10.00 1.6
RTLL 3.24 111 e(P) 07 08.30 -1.3
RTCV 3.41 120 e(P) 07 12.30 0.3
BACH 3.41 158 eP 07 11.00 -1.0
i(S) 07 55.10
FCH 3.45 156 eP 07 13.00 0.1
i(S) 07 58.50
TACH 3.57 166 eP 07 14.50 0.2
i(S) 07 58.50
VCA 3.61 67 ePd 07 14.80 -0.1
S 08 03.00
PCH 3.65 160 eP 07 15.00 -0.4
LNV 3.79 173 eP 07 18.00 0.7
i 08 16.00
MDZ 3.80 136 eP 07 29.50 12.0X
iS 08 14.90
CHCH 3.91 163 eP 07 18.50 -0.5
S.D. = 1.2 on 14 of 15 obs.

* SEP 04, 1985 19h 00m 04.63± 1.56s
31.290 S ± 9.4km 68.770 W ±28.0km

DEPTH = 98.7 ± 16.4 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.20	187	IPd	00	19.10	-0.1
			S	00	30.20	
RTMQ	0.23	158	IPd	00	19.20	-0.1
			S	00	30.90	
RTLL	0.26	99	IPd	00	19.10	-0.3
ZON	0.27	163	IPd	00	19.70	0.3
			eS	00	31.00	
CFA	0.55	125	ePc	00	21.10	0.2
			S	00	33.40	
RTCV	0.60	161	IPc	00	21.30	-0.1
MDZ	1.59	182	IP	00	32.50	0.1
			IS	00	52.10	
VCA	2.59	11	ePc	00	45.80	0.1
			S	01	17.50	

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

? SEP 04, 1985 19h 10m 42.17± 2.19s
31.872 N ±35.6km 70.666 E ±10.3km
DEPTH = 93.7 ± 18.9 km
4.7mb (3 obs.)
PAKISTAN (710)

QUE	3.60	243	eP	11	37.00	-0.1
			eS	12	25.00	
NDI	6.49	118	IPnc	12	18.30	1.4
			iPg	12	52.00	
			ISn	13	40.50	
			ISg	14	24.50	
DMN	13.24	105	eP	13	47.20	-0.7
	0.5s		17.00nm		4.9mb	
KKN	13.32	104	eP	13	48.50	-0.4
PKI	13.51	105	eP	13	50.90	-0.5
	0.7s		31.00nm		4.9mb	
GBA	19.21	160	Pc	15	00.90	-0.6
	0.3s		1.40nm		3.7mb	
SHL	19.63	103	eP	15	09.20	3.3X
WRA	79.82	121	eP	22	42.70	0.8

S.D. = 1.2 on 7 of 8 obs.

? SEP 04, 1985 19h 11m 42.05± 3.67s
34.086 S ±15.6km 71.856 W ±26.9km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

TACH	0.88	61	IPc	11	59.50	0.6
PCH	1.21	68	IPc	12	03.60	-1.0
ROCH	1.32	33	IPd	12	07.50	1.0
PEL	1.36	46	IP	12	06.70	-0.3
FCH	1.51	60	iPd	12	08.00	-1.4
JACH	1.75	37	IPc	12	12.70	-0.1
MDZ	2.78	65	IP	12	28.40	0.9
			IS	12	44.30	
RFA	2.88	105	ePd	12	29.20	0.2
RTCV	3.56	52	ePc	12	38.90	0.3
RTCB	3.65	46	ePc	12	40.30	0.4
ZON	3.68	47	eP	12	41.00	0.7
RTMQ	3.72	47	e(P)	12	41.50	0.7
CFA	3.92	52	ePd	12	43.50	-0.1
			S	13	26.60	
RTLL	3.96	47	ePc	12	44.00	-0.2
VCA	6.18	31	eP	13	14.20	-1.4
			S	14	21.40	

S.D. = 0.8 on 15 of 15 obs.

• SEP 04, 1985 19h 22m 05.49± 1.31s
42.198 N ± 7.8km 143.210 E ±12.0km
DEPTH = 52.3 ± 11.2 km
4.8mb (21 obs.)
HOKKAIDO, JAPAN REGION (224)

SAP	1.63	302	eP	22	33.00	0.8
			iS	22	52.30	
TSK	6.44	203	eP	23	39.10	-1.0
MAT	6.85	216	eP	23	47.00	1.2
			(S)	25	07.00	
DDR	6.93	208	eP	23	46.60	-0.4
			S	24	59.50	
OYM	7.44	206	eP	23	53.80	-0.3
BJI	20.45	273	eP	26	37.00	-4.0X
COL	44.04	35	eP	30	10.00	0.7
	0.7s		6.85nm		4.5mb	
CHG	44.06	252	eP	30	11.00	1.0
KKN	48.71	272	eP	30	47.20	0.3
	0.8s		32.00nm		5.4mb	
PKI	48.73	272	eP	30	47.20	0.0
	0.5s		13.00nm		5.2mb	
DMN	48.93	272	eP	30	49.00	0.3
	0.5s		18.00nm		5.4mb	
MBC	51.19	18	eP	31	04.00	-0.9
NDI	54.19	278	IPc	31	26.50	-1.3
	0.9s		25.21nm		5.2mb	
HYB	59.82	267	eP	32	07.00	-0.9
SOD	60.76	337	eP	32	12.00	-1.7
QUE	60.82	286	eP	32	14.00	-0.8
KJF	62.50	334	eP	32	23.00	-2.4
GBA	63.07	264	P	32	29.20	-0.5
SUF	64.01	333	iP	32	33.80	-1.5
	0.5s		5.50nm		4.8mb	
NUR	66.06	332	iP	32	47.40	-1.1
	0.4s		17.10nm		5.4mb	
NB2	69.96	337	P	33	11.80	-1.1
	0.6s		4.00nm		4.5mb	
CLL	77.30	331	eP	33	55.00	-0.6
	1.0s		11.00nm		4.8mb	
PRU	77.79	329	P	33	58.80	0.4
KHC	78.86	329	eP	34	04.50	0.2
HRI	79.72	306	iP	34	10.50	1.2
PRNI	82.21	304	iP	34	23.50	1.2
LOR	83.91	334	eP	34	30.90	0.1
	0.8s		5.30nm		4.6mb	
LBF	84.12	333	eP	34	31.90	0.0
	0.8s		5.10nm		4.6mb	
GRC	84.15	334	IPd	34	32.40	0.5
SSF	84.21	334	eP	34	32.70	0.4
	0.8s		3.20nm		4.4mb	
LPG	84.44	331	eP	34	33.80	0.0
	0.6s		3.60nm		4.6mb	
SMF	84.46	333	eP	34	33.90	0.3
	0.8s		5.90nm		4.7mb	
AVF	84.50	334	eP	34	34.10	0.4
	0.8s		8.90nm		4.9mb	
MZF	85.26	334	eP	34	38.10	0.5
	0.8s		9.00nm		5.0mb	
LSF	85.57	334	eP	34	39.80	0.7
	0.8s		6.20nm		4.8mb	
MFF	85.78	336	eP	34	41.10	1.0
	0.8s		5.30nm		4.8mb	
CAF	86.57	333	eP	34	44.80	0.7
	0.6s		4.50nm		4.9mb	
LFF	86.99	334	eP	34	47.50	1.4
	0.8s		6.10nm		4.9mb	
LPO	87.07	334	eP	34	47.80	1.3
	0.6s		3.60nm		4.8mb	
SOB1	146.94		7 ePKP	41	44.50	2.5X

S.D. = 1.0 on 38 of 40 obs.

? SEP 04, 1985 19h 30m 06.37± 4.29s
22.787 S ±25.4km 66.529 W ±23.6km
DEPTH = 245.5 ± 48.0 km
JUJUY PROVINCE, ARGENTINA (128)

HJA	1.12	113	iP	30	42.10	0.2
YJA	1.13	57	iPd	30	41.90	-0.6
			S	31	07.60	
TPZ	1.52	30	iP	30	45.50	0.4
			S	31	15.60	
TPL	3.47	281	iP	31	04.20	-0.1
			IS	31	47.00	
ANT	3.69	255	iP	31	06.80	0.0
			eS	31	51.00	
CNCB	6.10	347	iP	31	37.80	0.9
			S	32	47.00	
ZOBO	6.66	347	eP	31	43.00	-0.9
			S	33	00.00	

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

SEP 04, 1985 19h 54m 18.02± 1.66s
33.162 S ± 5.4km 71.614 W ±13.5km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.54	70	IPd	54	28.50	-0.5
TACH	0.75	131	IPc	54	33.00	0.3
PEL	0.78	89	iP	54	33.50	0.3
			iS	54	47.60	
LNV	0.81	168	IP	54	32.90	-0.8
			IS	54	47.10	
BACH	0.96	102	iPd	54	36.70	0.4
			IS	54	53.00	
JACH	0.98	61	IPc	54	35.00	-1.8
PCH	1.03	117	IPc	54	37.60	0.1
			IS	54	56.00	
CHCH	1.11	134	IP	54	39.20	0.3
FCH	1.12	99	IPd	54	38.70	-0.6
RTCV	2.90	64	ePd	55	05.90	0.7
RTCB	2.91	56	ePd	55	05.30	0.0
ZON	2.96	58	eP	55	07.00	1.0
RTMQ	2.99	57	e(P)	55	07.50	1.1
RFA	3.07	122	ePd	55	07.80	0.3
RTLL	3.23	56	ePc	55	08.90	-0.9
CFA	3.25	62	ePd	55	10.20	0.1
			S	55	55.50	
VCA	5.29	35	eP	55	34.00	-5.2X
SLA	9.96	34	e(P)	56	51.00	6.6X

S.D. = 0.8 on 16 of 18 obs.

SEP 04, 1985 21h 02m 20.39± 0.76s
5.591 S ± 7.6km 150.973 E ± 9.9km
DEPTH = 10.0km (geophysicist)
NEW BRITAIN REGION (192)

BIAL	0.29	16	iPd	02	26.00	-0.5
RAB	1.83	41	eP	02	51.50	-0.7
	0.5s		1098.59nm			
			IS	03	16.50	
KVG	3.00	357	eP	03	10.00	1.1
BGA	4.22	98	eP	03	27.00	0.7
PAA	4.55	99	eP	03	31.00	0.1
ALOA	4.71	187	eP	03	33.00	-0.3
PMG	5.36	225	eP	03	44.00	1.6
WRA	21.57	227	eP	07	10.30	-2.0

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

• SEP 04, 1985 22h 34m 51.83± 0.78s
36.310 N ±10.9km 71.288 E ±10.4km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.10	212	eP	36	37.00	0.7
			eS	37	53.00	
NDI	9.10	145	eP	37	05.00	1.1
			eS	38	41.00	
MHI	9.52	273	eP	37	09.00	-0.8
KHI	10.57	262	eP	37	24.70	0.5
DMN	14.58	123	eP	39	18.50	60.7X
	0.4s		38.00nm			
KKN	14.58	122	eP	39	17.00	59.2X
	0.5s		25.00nm			
PKI	14.81	122	eP	39	20.90	60.0X
	0.4s		25.00nm			
HYB	19.89	159	eP	39	22.00	-1.4
SHL	20.62	116	iP	39	31.00	-0.1
GBA	23.27	165	P	39	57.00	-0.4
NUR	38.12	324	eP	42	09.00	-0.1
KJF	38.17	331	eP	42	13.00	3.5X
SUF	38.21	328	eP	42	12.00	2.2
	0.4s		1.70nm		4.2mb	
NB2	44.67	323	P	43	01.30	-1.7
	0.5s		1.60nm		4.1mb	

S.D. = 1.3 on 10 of 14 obs.

• SEP 04, 1985 22h 42m 07.87± 0.90s
24.183 S ±17.5km 66.813 W ± 8.8km
DEPTH = 223.1 ± 9.5 km
SALTA PROVINCE, ARGENTINA (129)

SLA	1.32	115	ePc	42	42.60	-0.1
			S	43	08.60	
HJA	1.61	54	eP	42	45.30	0.5
YJA	2.34	31	ePd	42	52.00	-0.4
			S	43	24.20	
CAC	2.65	309	eP	42	55.50	0.0
ANT	3.33	277	iP	43	03.00	0.0
			eS	43	42.50	
VAO	18.23	90	eP	46	06.90	-0.2
BAO	19.62	68	e(P)	46	21.60	0.2

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

• SEP 05, 1985 01h 33m 24.20± 2.58s
33.234 S ± 7.4km 72.269 W ±20.5km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.02	135	iPc	33	43.50	0.1
			iS	33	56.80	
ROCH	1.09	76	iPd	33	44.70	-0.1
			iS	33	59.40	

05d 01h

TACH	1.19	111	iPc	33	46.20	-0.2
			iS	34	02.10	
PEL	1.33	87	iP	33	49.00	0.2
			iS	34	06.30	
BACH	1.49	95	iP	33	51.40	0.3
JACH	1.51	69	iPd	33	51.10	-0.3
			iS	34	09.20	
PCH	1.52	105	iPc	33	51.50	0.0
			iS	34	12.90	
CHCH	1.52	118	iP	33	51.20	-0.3
FCH	1.66	94	eP	33	54.00	0.2
			iS	34	16.00	
MDZ	2.89	84	eP	34	16.50	5.3X
			iS	35	00.40	
ZON	3.47	62	eP	34	23.00	3.6X
RFA	3.51	117	e(P)	34	24.00	4.0X
VCA	5.68	39	eP	34	50.90	0.1
			S	36	11.80	

S.D. = 0.2 an 10 of 13 abs.

& SEP 05, 1985 03h 52m 20.23s
61.640 N 149.969 W
DEPTH = 42.0km
SOUTHERN ALASKA (2)
<AGS-P>. Felt (II) at Anchorage.

PWA	0.04	76	eP	52	26.60	1.4
PMR	0.40	96	iP	52	29.12	-0.7
			iS	52	36.49	
SUA	0.41	245	iP	52	29.69	-0.4
			iS	52	37.52	
PMS	0.44	153	eP	52	30.00	-0.4
PME	0.45	91	eP	52	29.80	-0.6
GHO	0.52	75	iP	52	30.73	-0.6
			iS	52	39.64	
KNK	0.76	107	iP	52	34.28	-0.4
			iS	52	45.51	
SML	0.80	77	iP	52	34.43	-0.8
SKT	0.82	295	iP	52	34.56	-0.9
PTE	0.99	149	iP	52	35.99	-0.6
CGLM	1.03	252	iP	52	38.23	-0.3
NKA	1.09	215	eP	52	41.41	2.2
SPU	1.10	246	iP	52	38.96	-0.5
PWL	1.11	134	iP	52	39.11	-0.5
CRP	1.11	251	iP	52	39.39	-0.4
SLKM	1.14	186	eP	52	38.97	-1.1
CFI	1.15	112	iP	52	40.19	0.1
MPA	1.19	165	eP	52	40.01	-0.7
			iS	52	56.91	
SCM	1.27	80	iP	52	41.78	-0.1
SEW	1.56	170	eP	52	46.56	0.6
GLI	1.59	118	iP	52	45.91	-0.4
RDT	1.60	229	eP	52	46.04	-0.5
LOU	1.63	135	iP	52	45.74	-1.2
KNIM	1.69	139	eP	52	46.35	-1.5
NNL	1.73	203	eP	52	48.89	0.6
VZW	1.75	108	eP	52	48.05	-0.6
VLZ	1.82	105	eP	52	48.81	-0.8
TOA	1.86	74	eP	52	50.70	0.5
FID	1.91	116	iP	52	49.65	-1.3
BRLK	1.94	194	eP	52	51.86	0.6
KLU	1.94	93	iP	52	50.82	-0.6
MTU	2.01	145	eP	52	50.47	-1.8
ILM	2.02	225	eP	52	52.52	0.1
HIN	2.10	125	iP	52	52.74	-0.9
CNPM	2.21	197	eP	52	55.67	0.4
SGAM	2.58	114	eP	52	58.66	-1.8
SVW	2.77	261	eP	53	02.80	-0.5
PDB	2.79	230	eP	53	02.56	-0.8
TTA	3.11	297	eP	53	06.70	-1.3
COL	3.42	16	iP	53	11.80	-0.5
			eS	53	51.00	
FBA	3.42	16	eP	53	11.30	-1.0
BALM	3.72	96	eP	53	14.90	-1.9
YAH	4.20	104	eP	53	22.13	-1.6
IMA	4.74	341	eP	53	29.80	-1.4

44 obs. associated

SEP 05, 1985 03h 53m 12.04± 0.39s
7.364 S ± 3.5km 128.472 E ± 3.4km
DEPTH = 142.8 ± 3.7 km
5.3mb (18 abs.)
BANDA SEA (280)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: BS, 15C
Centroid Location:

Origin Time 03:53:16.9 1.0
Lat 7.57S 0.13 Lon 128.28E 0.17
Dep 137.9 6.9 Half-duration 1.3
Moment Tensor; Scale 10**23 D-CM
Mrr= 2.48 0.71 Mtt=-0.50 0.96
Mff=-1.97 1.21 Mrt=-3.55 0.56
Mrf= 3.17 0.71 Mtf= 3.40 0.88
Principal Axes:
T Val= 4.97 Plg=61 Azm=201
N 2.08 12 313
P -7.05 26 49
Best Double Couple:Mo=6.0*10**23
NP1:Strike=165 Dip=21 Slip= 124
NP2: 309 72 78

KUPT	5.55	240	iPd	54	39.60	6.0X
			eS	55	40.00	
MTN	6.04	155	iPc	54	39.90	-0.4
KNA	8.34	178	iPd	55	10.10	-1.2
			eS	56	38.00	
MKS	9.20	283	iPc	55	24.50	1.8
TZZ	12.84	81	eP	56	10.00	-0.6
BKB	13.02	297	iPc	56	24.50	11.7X
	0.9s	554.60nm				
JAY	13.10	69	ePc	56	13.60	-0.4
WRA	13.74	156	iPc	56	18.20	-3.9X
			iS	58	42.00	
DAV	14.64	349	eP	56	45.00	11.5X
			eS	59	20.00	
WEW	15.55	77	eP	56	46.00	1.1
TRT	15.70	268	ePd	56	47.50	0.7
			eS	59	42.80	
MBL	16.06	210	iPc	56	50.90	-0.3
	0.3s	20.00nm			4.9mb	
			eS	58	39.00	
CGP	16.16	346	iPc	56	56.50	4.1X
			iS	57	28.00	
ASPA	17.03	163	eP	57	02.00	-1.1
			e(S)	00	07.00	
ISQ	17.06	142	eP	57	02.00	-1.6
			eS	00	02.00	
MDG	17.33	84	eP	57	07.00	0.2
KKM	18.08	317	ePc	57	18.40	2.7
LAT	18.40	89	eP	57	18.00	-1.0
PMG	18.59	98	eP	57	20.00	-1.0
NAU	19.59	218	iPc	57	31.50	0.1
	0.4s	38.00nm			5.1mb	
			eS	01	02.00	
PPR	19.60	330	eP	57	19.50	-12.0X
MEK	21.34	205	eP	57	49.00	-0.1
	0.5s	52.00nm			5.2mb	
			eS	01	48.00	
CTA	21.38	128	eP	57	51.00	1.5
	1.0s	15.00nm			4.4mb	
			iS	01	39.10	
ALOA	21.84	99	eP	57	56.00	2.0
KVG	22.74	79	eP	58	03.50	0.8
QCP	23.06	341	eP	58	12.00	6.2X
MRWA	24.71	207	iPc	58	21.20	-0.3
BAG	24.88	342	eP	58	23.50	0.1
BAL	25.62	204	eP	58	29.00	-0.9
KLB	26.10	201	eP	58	34.00	-0.3
	1.0s	115.00nm			5.4mb	
KGM	26.77	289	ePd	58	41.70	1.1
MUN	27.03	203	eP	58	42.00	-0.7
RMQ	27.09	137	eP	58	43.00	-0.4
STK	27.29	155	iPc	58	44.80	-0.3
NWAO	27.49	201	iPc	58	46.80	-0.1
RKG	28.61	200	eP	59	02.00	5.1X
	0.3s	9.00nm			5.0mb	
PPI	28.82	283	ePd	58	58.70	-0.3
	0.7s	62.20nm			5.4mb	
CMS	28.96	148	eP	59	00.00	-0.1
ADE	29.04	163	iPc	59	00.80	-0.1
	0.7s	26.03nm			5.1mb	
IPM	29.85	293	ePd	59	05.30	-2.9X
	0.9s	90.50nm			5.5mb	
			e	59	16.80	
			e	02	06.20	
PSI	31.13	288	eP	59	19.00	-0.4
	0.8s	138.60nm			5.7mb	
SNG	31.31	297	eP	59	21.00	0.0
BFD	32.32	159	eP	59	30.00	0.5
YOU	32.48	148	iPc	59	31.40	0.5
CAN	33.60	149	iPc	59	41.70	1.0
TOO	33.81	155	iPc	59	43.80	1.4
WAM	34.23	150	eP	59	47.70	1.7

NNT	34.77	305	eP	59	51.50	0.7
			e	02	23.00	
NST	36.22	309	eP	00	04.00	1.0
KHT	36.91	307	eP	00	09.60	0.8
BDT	38.03	310	eP	00	16.00	-2.2
	0.8s	66.40nm			5.4mb	
CHG	39.04	312	iPc	00	27.80	1.1
	1.0s	115.00nm			5.6mb	
			eS	06	24.00	
KMI	40.87	323	Pc	00	43.50	1.7
MAT	44.62	11	iPc	01	10.60	-1.2
	0.7s	17.12nm			4.8mb	
BJI	48.52	347	eP	01	41.50	-0.7
			e	06	46.00	
LZH	49.03	333	iPc	01	47.00	0.5
	1.0s	231.00nm			5.9mb	
KOD	53.71	288	eP	02	21.50	-0.6
PKI	54.22	312	iPc	02	25.10	-0.6
KKN	54.44	312	iPc	02	26.70	-0.5
DMN	54.47	312	iPc	02	27.20	-0.2
GBA	54.78	292	P	02	27.70	-1.8
HYB	55.12	297	ePc	02	30.50	-1.5
	1.0s	140.00nm			5.8mb	
DRV	59.74	175	eP	03	03.50	-0.1
NDI	61.01	308	iPc	03	10.50	-2.4
	0.6s	110.00nm			6.0mb	
SBA	73.18	172	iPc	04	19.10	-9.3X
	0.9s	13.45nm			4.7mb	
MAW	74.06	201	iPc	04	34.60	1.0
AVY	78.92	252	iPc	05	02.30	0.4
SPA	82.69	180	iPc	05	21.00	0.3
	1.0s	31.00nm			5.1mb	
MTD	94.44	253	iPc	06	20.40	2.7
KRI	96.29	252	eP	06	26.10	-0.1
BUL	96.66	249	iPc	06	28.20	0.4
NB2	109.41	333	PKP	11	26.40	-0.3
	0.7s	2.10nm				
BNG	110.29	272	iPKPc	11	28.90	-0.8
	0.6s	8.00nm				
PRU	110.91	321	PKP	11	29.80	0.0
KHC	111.73	320	ePKP	11	31.00	-0.4
			e	12	19.00	
OSS	114.61	318	ePKP+	11	36.50	-0.8
SAX	114.97	319	ePKP+	11	37.70	-0.4
LLS	115.31	319	ePKP+	11	37.90	-0.7
TMA	115.61	318	ePKP+	11	38.20	-1.0
MMK	116.23	318	ePKP+	11	40.30	-0.2
BSF	116.43	320	ePKP	11	39.90	-0.7
	0.6s	17.30nm				
DIX	116.59	318	ePKP+	11	40.90	-0.3
HAU	116.65	320	ePKP	11	40.40	-0.5
	0.8s	8.00nm				
DOU	116.97	323	PKP	11	41.60	0.2
LPG	117.21	318	ePKP	11	42.00	-0.4
	0.6s	9.90nm				
FRF	117.88	316	ePKP	11	42.80	-0.5
	0.8s	9.90nm				
LRG	118.11	316	ePKP	11	43.50	-0.3
	0.8s	11.80nm				
ESY	118.18	331	ePKPc	11	43.00	-0.5
BDW	118.21	45	ePKP	11	44.00	-0.3
	1.1s	3.76nm				
ELD	118.39	332	ePKPc	11	43.20	-0.7
LOR	118.49	320	iPKPc	11	44.00	-0.4
	0.8s	6.70nm				
LBF	118.51	320	iPKPc	11	44.00	-0.5
	0.6s	6.40nm				
SMF	118.73	320	ePKP	11	44.40	-0.5
	0.6s	4.50nm				
EKA	118.75	331	PKPc	11	44.80	0.2
	0.5s	3.50nm				
SSF	118.79	320	iPKPc	11	44.80	-0.2
	0.6s	16.20nm				
EAB	118.84	332	ePKPc	11	44.00	-0.7
GRC	118.97	321	iPKPc	11	45.20	-0.1
AVF	118.98	320	ePKP	11	44.80	-0.5
	0.8s	11.70nm				
BGF	119.40	320	ePKP	11	46.00	-0.1
	0.6s	25.40nm				
MZF	119.69	320	ePKP	11	46.50	-0.2
	0.8s	6.40nm				
TCF	119.91	320	iPKPc	11	47.00	-0.2
	0.6s	5.80nm				
LSF	120.35	320	ePKP	11	47.50	-0.5
	0.8s	8.70nm				
CAF	120.52	318	iPKPc	11	48.50	0.1
	0.8s	10.70nm				

LPF	121.20	323	ePKP	11	49.30	-0.2
	0.8s		5.90nm			
MFF	121.27	321	ePKP	11	49.40	-0.3
	0.6s		14.40nm			
RSSD	121.54	42	ePKP	11	50.30	-0.3
	0.8s		11.62nm			
GOL	122.17	47	ePKP	11	51.70	-0.3
	1.0s		6.50nm			
ALQ	122.74	53	ePKP	11	53.40	0.3
	1.0s		7.50nm			
RSON	124.36	31	ePKP	11	54.30	-1.2
	0.5s		12.22nm			
LTX	126.41	59	ePKP	12	00.80	0.5
	1.2s		3.19nm			
LHC	128.13	31	ePKP	12	03.00	0.2
TUL	130.61	48	ePKP	12	07.50	-0.5
	1.3s		24.90nm			
RLO	131.07	48	ePKP	12	09.00	0.1
SCH	131.12	12	ePKP	12	09.00	0.6
BHO	131.93	50	e(PKP)	12	12.00	1.5
FVM	133.47	43	ePKP	12	12.80	-0.6
	1.0s		11.00nm			
KIC	133.55	272	ePKP	12	01.00	-13.2X
			e	12	13.90	
OTT	136.71	25	ePKP	12	19.00	-0.2
SLA	145.32	157	ePKPd	12	35.00	-0.4
YJA	147.61	155	ePKPc	12	41.20	1.7
TPZ	148.15	154	PKPc	12	42.80	2.5X
			i	12	46.00	
ARE	149.17	140	ePKP	12	43.00	1.1
BMA	149.27	193	e(PKP)	12	46.00	4.4X
VAO	149.49	188	ePKP	12	47.00	5.0X
CNCB	150.99	146	PKP	12	46.80	1.8
			i	12	52.40	
LPB	151.15	145	PKPc	12	45.50	0.5
	1.0s		100.00nm			
			i	12	52.20	
ZOBO	151.34	145	iPKPc	12	46.60	1.1
	1.2s		40.54nm			
	Z 18s		0.14um		4.8Msz	
			i	12	52.40	
			LR	36	00.00	
CCH	151.48	150	PKPc	12	53.10	7.7X
BAO	156.88	189	e(PKP)	12	53.10	0.5
ITR	159.33	219	ePKP	12	55.40	0.1
			e	13	33.70	
SOB1	160.42	213	ePKP	12	57.30	0.8
	S.D. = 0.9		on 116 of 131 obs.			

SEP 05, 1985 03h 59m 26.35± 0.63s
44.669 N ± 4.6km 111.053 W ± 8.5km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.1 (NEIS). Felt (II) in the Old Faithful area of Yellowstone National Park.

IMW	0.78	174	eP	59	41.50	-0.6
LCCM	1.31	334	iPnd	59	50.70	-0.4
CCMT	1.32	281	ePn	59	52.10	0.7
SXM	1.48	356	iPnd	59	54.30	0.4
TMI	1.50	205	eP	59	53.80	-0.4
LRM	1.52	320	iPnd	59	54.70	0.3
BUT	1.72	322	ePn	59	57.90	0.7
			ePg	59	59.40	
			eSn	00	20.70	
			eSg	00	22.00	
HPI	1.75	238	eP	59	58.10	0.2
HRY	2.11	345	ePn	00	02.60	-0.3
BDW	2.18	150	eP	00	04.70	0.7
NEW	5.52	313	eP	00	50.00	-1.3
	S.D. = 0.7		on 11 of 11 obs.			

• SEP 05, 1985 05h 11m 35.35± 0.69s
64.440 S ±13.9km 176.978 E ±14.6km
DEPTH = 10.0km (geophysicist)
4.9mb (3 obs.) 4.7Msz (1 obs.)
BALLENY ISLANDS REGION (702)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 13C
Centroid Location:
Origin Time 05:11:43.1 0.9
Lat 64.64S 0.18 Lon 176.48E 0.28
Dep 10.0 FIX Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr=-2.72 0.63 Mtt= 7.39 0.93
Mff=-4.67 0.46 Mrt= 0.00 1.08
Mrf=-0.09 1.39 Mtf= 2.35 0.51
Principal Axes:

	Val=	Plg=	Azm=
T	7.83	0	169
N	-2.72	90	180
P	-5.11	0	79

Best Double Couple:Mo=6.5*10**23
NP1:Strike=214 Dip=90 Slip= 180
NP2: 304 90 0

SBA	13.84	189	eP	14	48.70	-4.7X
	0.9s		15.97nm		4.9mb	
	Z 19s		2.15um			
DRV	15.31	245	eP	15	13.00	0.2
MSZ	20.45	341	P	16	15.70	0.5
SPA	25.71	180	e(P)	17	07.20	0.1
	Z 18s		2.00um		4.7Msz	
CTA	48.84	320	iPd	20	23.80	1.2
ASPA	49.44	304	eP	20	26.00	-1.2
	1.0s		10.00nm		4.8mb	
WRA	52.72	307	eP	20	51.30	-0.8
HJA	80.32	124	ePd	23	37.20	-10.5X
CNCB	85.23	119	iP	24	15.30	1.5
CCH	85.40	121	Pc	24	11.40	-2.9
LPB	85.44	119	eP	24	16.00	1.3
ZOBO	85.67	119	P	24	15.80	-0.3
			LR	52	08.00	
BUL	92.21	210	iPd	24	47.00	0.5
	1.0s		9.00nm		5.1mb	
	S.D. = 1.4		on 11 of 13 obs.			

• SEP 05, 1985 06h 34m 58.01± 0.54s
18.559 S ±15.6km 173.632 W ±14.1km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
TONGA ISLANDS (173)

NUE	3.55	99	iP	35	43.60	-8.5X
YSA	8.59	281	eP	37	13.90	10.9X
NOU	19.03	255	iPc	39	32.50	12.5X
KRP	21.49	204	P	39	46.80	0.8
CAN	37.00	236	eP	42	08.20	1.7
WAM	37.35	234	eP	42	07.90	-1.4
CTA	37.82	261	iPc	42	14.10	0.6
WRA	48.98	259	iPc	43	43.20	-0.5
ASPA	48.99	254	eP	43	43.00	-0.8
	0.7s		246.00nm		6.3mb X	
			ePP	44	21.00	
			e(PcP)	45	09.00	
			e(S)	50	46.00	
MTN	53.32	268	eP	44	16.00	-0.5
SPA	71.56	180	e(P)	46	17.20	-0.5
LTX	82.55	56	eP	47	19.90	0.5
	1.3s		6.42nm		4.5mb	
ALQ	82.99	50	eP	47	21.00	-0.7
	1.3s		8.65nm		4.7mb	
LRM	84.63	38	iPc	47	30.30	0.5
BDW	84.75	42	eP	47	29.00	-1.5
	1.0s		3.20nm		4.5mb	
COL	85.52	11	iP	47	34.60	1.1
	0.7s		30.82nm		5.6mb	
FBA	85.52	11	eP	47	34.20	0.7
KRA	146.75	344	ePKP	54	39.50	3.2X
KSP	146.83	348	ePKP	54	40.50	4.1X
			e	54	58.00	
CLL	146.90	352	iPKPd	54	40.40	3.9X
	1.0s		27.00nm			
			e	54	57.00	
BRG	147.20	351	iPKPd	54	41.00	4.0X
	1.2s		17.00nm			
			i	54	57.30	
MOX	147.71	354	ePKP	54	42.50	4.7X
PRU	147.97	350	PKP	54	43.50	5.3X
DOU	148.50	2	PKP	54	43.50	4.4X
GRF	148.70	354	ePKP	54	46.00	6.5X
	1.1s		24.00nm			
KHC	148.95	351	PKP	54	46.00	6.1X
ZST	149.17	346	e(PKP)	54	50.90	10.7X
CDF	150.21	359	ePKP	54	49.40	7.5X
	0.8s		5.30nm			
HAU	150.63	0	ePKP	54	50.30	7.8X
	0.8s		10.70nm			
BSF	150.80	359	ePKP	54	50.40	7.6X
	0.8s		8.40nm			
KBA	150.98	350	i(PKP)	54	50.70	7.5X
	0.6s		4.80nm			
			i	54	54.40	
GRC	151.21	5	iPKPc	54	51.70	8.4X
LOR	151.29	4	ePKP	54	50.80	7.3X
	0.8s		3.20nm			
SSF	151.48	4	ePKP	54	52.20	8.5X
	0.8s		7.20nm			
LBF	151.58	3	ePKP	54	52.20	8.2X
	0.8s		3.80nm			
	S.D. = 1.1		on 14 of 35 obs.			

SEP 05, 1985 07h 08m 42.14± 0.81s
24.236 S ± 9.3km 67.102 W ± 7.1km
DEPTH = 205.2 ± 8.5 km
CHILE-ARGENTINA BORDER REGION (127)

SLA	1.54	109	iPc	09	17.10	-0.1
			S	09	42.60	
HJA	1.86	57	ePd	09	20.00	0.1
YJA	2.53	36	iPd	09	27.20	-0.3
			S	10	00.80	
TPZ	3.04	25	iP	09	34.10	0.8
ANT	3.08	279	iPc	09	33.40	0.0
			iS	10	10.00	
TPL	3.56	306	iPc	09	39.20	0.0
CCH	6.88	8	P	10	20.80	-1.1
CNCB	7.43	353	iP	10	29.80	0.3
			S	11	52.00	
LPB	7.72	353	P	10	34.00	0.8
			eS	12	00.00	
ZOBO	7.98	353	P	10	36.20	-0.6
			S	12	07.00	
VAO	18.49	90	eP	12	45.10	-0.3
BAO	19.88	68	e(P)	13	00.10	0.4
	S.D. = 0.6		on 12 of 12 obs.			

• SEP 05, 1985 08h 32m 21.42± 0.36s
58.862 S ± 8.3km 25.499 W ± 9.6km
DEPTH = 33.0km (normal)
4.8mb (7 obs.) 5.1Msz (1 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SNA	15.05	149	eP	35	54.00	1.1
	0.8s		23.88nm		4.5mb	
SPA	31.31	180	iP	38	40.50	0.1
	1.0s		20.00nm		4.9mb	
	Z 20s		4.28um		5.1Msz	
VAO	38.96	328	eP	39	47.30	1.3
PCH	38.98	290	eP	39	46.50	0.4
FCH	39.11	291	iPc	39	48.10	0.7
LNV	39.15	289	iPd	39	46.70	-0.6
TACH	39.16	290	iPc	39	47.50	0.0
PEL	39.45	290	eP	39	50.80	0.9
SBA	43.33	184	eP	40	22.10	1.0
	1.0s		18.00nm		4.8mb	
BAO	46.26	329	e(P)	40	45.80	0.4
SOB1	50.91	340	eP	41	21.00	-0.3
ITR	50.95	343	eP	41	21.40	-0.2
	0.6s		29.00nm		5.4mb	
ZOBO	52.76	305	eP	41	34.50	-1.4
BUL	54.64	69	iPd	41	48.70	-0.5
	0.9s		3.78nm		4.4mb	
KIC	67.11	22	eP	43	14.10	0.5
BNG	72.13	47	iPc	43	44.70	0.3
	1.0s		10.00nm		4.8mb	
			ic	44	29.20	
KRP	81.99	197	P	44	37.90	-1.0
ASPA	96.03	161	eP	45	45.00	-1.5
	0.8s		13.00nm		5.4mb	
ALQ	114.84	297	ePdiff	47	21.80	11.5X
NB2	122.93	20	PKP	51	13.60	-0.6
	0.9s		4.30nm			
SUF	127.57	27	ePKP	51	25.00	1.9
KJF	129.20	27	iPKP	51	25.50	-0.6
	0.8s		14.70nm			
EDM	132.14	306	ePKP	51	30.50	-1.6
YKC	138.79	315	ePKP	51	43.00	-1.3
	0.6s		15.00nm			
YKA	138.84	315	ePKP	51	44.60	0.2
MBC	146.92	334	ePKP	51	59.00	1.0
INK	148.53	317	ePKP	52	04.00	3.2X
PME	152.59	300	ePKP	52	13.80	6.8X
COL	153.02	307	ePKP	52	14.00	6.4X
	1.0s		10.00nm			
FBA	153.02	307	ePKP	52	14.10	6.5X
IMA	155.66	309	ePKP	52	21.10	9.8X
	S.D. = 1.0		on 25 of 31 obs.			

SEP 05, 1985 08h 37m 45.25± 0.22s

05d 08h

56.838 S ± 5.7km 24.583 W ± 5.7km
DEPTH = 33.0km (normal)
5.1mb (12 obs.) 5.2Msz (2 obs.)
SOUTH SANDWICH ISLANDS REGION (153)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 27C
Centroid Location:
Origin Time 08:37:49.3 0.3
Lat 57.07S 0.04 Lon 24.77W 0.09
Dep 10.0 FIX Half-duration 2.0
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.48 0.05 Mtt= 0.19 0.07
Mff=-1.66 0.08 Mrt=-0.85 0.19
Mrf= 1.73 0.24 Mtf= 0.22 0.05
Principal Axes:
T Val= 2.46 Plg=62 Azm=230
N 0.08 11 342
P -2.55 25 77
Best Double Couple:Mo=2.5*10**24
NP1:Strike=190 Dip=22 Slip= 120
NP2: 338 71 78

SNA	16.59	153	eP	41	38.00	1.5
	1.0s	200.00nm			5.2mb	
AAS	17.85	239	eP	41	54.00	1.7
	Z 15s	16.40um				
			eS	45	24.00	
			e	45	47.00	
VBA	30.96	291	eP	43	57.20	-4.0X
SPA	33.34	180	eP	44	20.30	-1.7
	1.0s	19.00nm			5.0mb	
VAO	37.55	325	eP	45	01.00	3.0X
MAW	38.65	142	eP	45	06.00	-0.6
SLA	43.51	300	ePc	45	45.00	-2.3
BAO	44.79	327	ePc	45	58.90	1.3
SBA	45.39	183	eP	46	01.20	-0.3
	0.8s	2.99nm			4.3mb	
	Z 18s	2.20um			5.1Msz	
			i	46	03.20	
YJA	45.70	302	eP	46	04.80	-0.4
WIN	45.72	59	eP	46	07.50	2.5
	1.5s	47.22nm			5.2mb	
TPZ	46.41	302	iP	46	11.00	0.3
PRY	47.31	73	eP	46	16.00	-1.5
	0.6s	3.57nm			4.6mb	
SLR	48.70	73	eP	46	28.50	0.2
	Z 17s	6.80um			5.7MszX	
ITR	49.16	342	eP	46	31.30	-0.5
SOB1	49.19	339	e(P)	46	31.00	-1.0
CCH	50.15	304	Pc	46	39.00	-0.7
	1.0s	3.50nm			4.3mb	
CNCB	51.49	303	iP	46	50.30	0.1
LPB	51.79	303	P	46	52.00	-0.3
	1.0s	130.00nm			5.8mb	
			S	54	12.00	
			LR	04	15.00	
ZOBO	52.03	303	iP	46	53.40	-0.9
	1.2s	195.95nm			5.9mb	
			S	54	14.00	
			LR	05	36.00	
ARE	53.45	299	eP	47	04.00	-0.5
BUL	53.46	69	iPc	47	04.00	-0.4
DRV	56.27	173	eP	47	22.00	-2.1
KRI	56.75	68	iPc	47	27.50	-0.8
MTD	57.80	70	eP	47	35.10	-0.6
TET	59.37	72	eP	47	47.00	0.5
AVY	64.70	86	eP	48	25.50	3.1X
KIC	65.05	22	eP	48	24.30	0.0
BNG	70.38	46	iPd	48	57.50	-0.3
	0.9s	23.00nm			5.2mb	
			id	49	15.00	
			ic	49	24.00	
PSO	71.62	303	eP	49	06.50	0.8
BMG	74.97	310	eP	49	15.00	-9.9X
			eS	58	42.50	
SDV	75.60	313	eP	49	28.90	0.3
CAR	75.63	317	iPd	49	29.00	0.3
	0.9s	30.25nm			5.3mb	
TAU	80.39	174	eP	49	54.00	-0.3
KRP	84.08	196	P	50	12.80	-0.7
WAM	87.16	175	eP	50	29.00	0.1
ADE	87.46	166	eP	50	31.00	0.6
	1.0s	28.00nm			5.5mb	
CAN	88.04	175	eP	50	33.50	0.3
YOU	89.04	174	eP	50	37.60	-0.4
WRA	101.49	160	Pdiff	51	40.00	5.2X

	0.9s	1.70nm			4.6mb	
ALQ	114.36	297	PKP	56	20.00	-2.9X
	0.6s	9.12nm				
	Z 18s	0.60um			5.2Msz	
GOL	117.62	301	PKP	56	29.50	0.5
TPC	118.55	289	ePKP	56	31.00	0.4
NDI	119.84	83	ePKP	56	33.00	-0.2
GSC	119.87	290	ePKP	56	27.00	-6.2X
SBB	119.93	288	ePKP	56	33.00	-0.3
RSSD	120.47	305	PKP	56	34.50	0.3
ISA	121.02	289	ePKP	56	36.00	0.7
BDW	122.00	300	PKP	56	37.00	-0.2
	1.0s	1.80nm				
EUR	122.64	293	iPKP	56	37.20	-1.3
	1.0s	0.96nm				
FRI	122.67	289	e(PKP)	56	38.60	0.3
JAS1	123.75	289	ePKP	56	40.50	0.1
ARN	123.89	288	ePKP	56	42.00	1.2
BMN	123.99	293	ePKP	56	41.50	0.5
ORV	125.53	289	e(PKP)	56	45.20	1.4
LRM	125.65	301	ePKPc	56	44.70	0.5
WDC	126.82	290	e(PKP)	56	46.00	-0.3
NEW	129.63	300	PKP	56	46.00	-5.4X
EDM	131.33	307	iPKPd	56	54.50	0.0
PNT	131.55	299	ePKP	56	56.00	1.0
YKA	137.73	316	ePKP	57	10.30	4.0X
SSE	145.00	123	ePKP	57	20.10	0.1
INK	147.34	319	ePKP	57	25.00	2.3X
BJI	149.55	107	ePKP	57	28.00	0.9
PME	151.94	303	ePKP	57	37.00	7.0X
PMR	151.98	303	ePKP	57	37.20	7.2X
COL	152.13	310	ePKP	57	36.00	5.8X
	1.2s	40.63nm				
FBA	152.13	310	ePKP	57	36.40	6.2X
IMA	154.71	312	ePKP	57	43.60	9.7X
TTA	155.40	305	ePKP	57	45.40	10.6X
MAT	156.64	143	(PKP)	58	00.00	22.7X
	S.D. = 0.9	on 54 of 71 obs.				

? SEP 05, 1985 09h 02m 35.43± 8.49s
61.542 N ±46.2km 2.365 E ±52.3km
DEPTH = 10.0km (geophysicist)
NORWEGIAN SEA (642)

SUE	1.25	112	iPg	02	58.90	0.2
			eSg	03	09.20	
ASK	1.74	126	iPn	03	05.80	0.0
			iPg	03	10.80	
			iSn	03	21.00	
HYA	1.88	100	iPn	03	07.90	0.1
			iPg	03	09.40	
			iSn	03	25.00	
ODD	2.65	125	iPn	03	18.30	-0.6
			iSn	03	43.10	
KMY	2.74	147	iPn	03	20.50	0.3
			iSn	03	45.10	
	S.D. = 0.5	on 5 of 5 obs.				

SEP 05, 1985 09h 45m 36.51± 1.10s
3.434 N ± 6.8km 95.858 E ± 7.6km
DEPTH = 60.4 ± 10.5 km
4.9mb (8 obs.)
OFF W COAST OF NORTHERN SUMATERA(705)

BSI	2.12	345	iPc	46	10.50	0.3
			iS	46	43.50	
PSI	3.15	103	ePc	46	25.20	0.5
			eS	46	47.50	
IPM	5.28	77	ePc	46	52.60	-2.1
	0.9s	111.20nm			5.1mb	
			e	47	08.50	
KLM	5.79	93	eP	47	31.00	29.2X
PPI	5.96	130	eP	47	03.00	-1.2
	0.7s	175.90nm			5.6mb	
SNG	6.02	52	eP	47	05.50	0.4
KGM	7.58	101	ePc	47	28.00	1.1
			e	49	46.50	
NNT	9.87	23	eP	47	59.00	0.7
KHT	11.60	13	e(P)	48	33.20	11.5X
NST	12.87	19	eP	48	40.00	1.5
CHG	15.58	11	iPc	49	13.80	-0.1
	1.0s	25.50nm			4.3mb	
			eS	53	10.00	
KOD	19.46	291	eP	50	02.00	0.4
KKM	20.45	82	ePd	50	11.80	0.1
OIZ	20.67	40	eP	50	13.20	-0.6
HYB	21.94	311	eP	50	27.50	0.9

KMI	22.56	16	eP	50	33.6	0.9
PKI	25.99	338	eP	51	05.1	-0.8
KKN	26.24	338	eP	51	07.60	-1.0
NDI	30.74	327	eP	51	44.00	-4.3X
LZH	33.32	12	Pc	52	09.00	-1.9
BJI	40.82	24	eP	53	14.50	0.8
WRA	44.36	123	eP	53	42.80	-0.1
CTA	54.70	117	eP	55	05.00	2.7
BRS	62.79	123	eP	56	03.00	4.7X
MTD	66.55	250	eP	56	07.50	-15.4X
KRI	68.41	251	eP	56	34.10	-0.6
BUL	69.98	247	iPc	56	44.30	0.0
	0.9s	4.20nm			4.4mb	
VRI	73.08	317	ePc	57	02.00	-0.2
MLR	73.53	316	ePc	57	04.50	-0.5
BNG	77.10	274	ePd	57	37.60	11.8X
	0.9s	5.00nm				
			id	57	39.50	
			ic	57	45.00	
KJF	77.52	335	iP	57	26.50	-0.5
	0.6s	19.60nm			5.3mb	
SUF	77.74	334	iP	57	28.10	-0.2
	0.8s	7.10nm			4.7mb	
NUR	77.83	331	eP	57	28.00	-0.8
	0.6s	13.00nm			5.1mb	
KRA	78.34	320	iPd	57	45.50	13.6X
SOD	78.94	338	iP	57	34.70	-0.1
SRO	79.10	318	eP	57	39.70	3.7X
ZST	79.95	318	iP	57	42.10	1.5
			i	57	52.90	
LJU	81.51	316	eP	57	50.10	1.2
			e	58	01.50	
PRU	81.79	320	eP	58	02.50	12.2X
BRG	82.24	321	eP	58	05.00	12.4X
	1.0s	20.00nm				
KHC	82.36	319	P	58	05.20	11.9X
NB2	84.41	331	P	58	03.40	-0.1
	1.1s	8.20nm			4.7mb	
SBA	89.37	168	e(P)	58	26.90	-0.4
ALQ	136.45	27	e(PKP)	04	51.00	-3.1X
JCT	143.11	23	ePKP	05	02.00	-4.0X
	0.8s	4.48nm				
	S.D. = 1.0	on 32 of 45 obs.				

& SEP 05, 1985 09h 58m 53.60s
59.406 N 152.825 W
DEPTH = 69.4km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.78	0	iP	59	09.01	-0.6
			iS	59	21.14	
PDB	0.79	299	iP	59	08.81	-1.0
			iS	59	21.34	
CNPM	0.82	81	iP	59	09.56	-0.6
NNL	1.00	50	iP	59	12.96	0.6
BRLK	1.05	89	eP	59	12.24	-0.8
RDT	1.19	10	iP	59	14.15	-0.7
NKA	1.56	30	eP	59	21.01	1.3
KDC	1.67	174	iP	59	19.13	-2.1
SLKM	1.71	49	eP	59	20.84	-1.1
SPU	1.82	12	iP	59	22.76	-0.7
CRP	1.90	10	eP	59	24.10	-0.4
CGLM	1.95	12	iP	59	24.65	-0.6
MPA	2.05	57	eP	59	25.35	-1.2
SVW	2.20	322	iP	59	27.41	-1.3
PTE	2.40	51	eP	59	29.79	-1.5
PMS	2.46	40	iP	59	31.19	-1.0
SKT	2.66	13	eP	59	33.89	-1.1
PWL	2.68	55	iP	59	33.26	-2.0
KNIM	2.73	68	eP	59	33.96	-2.1
PME	2.91	38	eP	59	36.89	-1.6
KNK	2.96	45	eP	59	37.03	-2.2
GHO	3.06	37	eP	59	38.60	-2.0
CFI	3.09	53	eP	59	36.43	-4.5
GLI	3.22	60	eP	59	39.32	-3.6
SML	3.27	41	eP	59	41.33	-2.3
FID	3.45	64	eP	59	42.41	-3.7
SCM	3.64	46	eP	59	46.49	-2.3
VLZ	3.67	59	eP	59	46.34	-2.7
KLU	4.01	56	iP	59	51.30	-2.7
TOA	4.24	47	eP	59	55.18	-2.0
COL	6.00	21	eP	00	19.00	-2.7
	31 obs. associated					

* SEP 05, 1985 10h 14m 07.85± 1.54s
24.085 N ± 8.3km 121.820 E ±13.6km

DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD	0.20	269	IPd	14	11.80	-0.5
TWC	0.52	3	IPd	14	17.50	-0.9
			eS	14	26.00	
TWQ	0.92	282	IPc	14	25.60	0.2
			eS	14	39.20	
TWZ	1.03	348	IPd	14	27.50	0.2
ANP	1.13	346	eP	14	30.00	1.0
TWG	1.43	209	IP	14	34.00	0.1
S.D. = 0.8 on 6 of 6 obs.						

SEP 05, 1985 10h 36m 09.95± 0.90s
37.832 N ± 6.8km 26.776 E ± 8.3km
DEPTH = 33.0km (normal)
DODECANESE ISLANDS (369)
ML 3.5 (ATH).

IZM	0.68	34	IPg	36	23.10	-0.1
			ISg	36	34.10	
YER	1.39	120	IPn	36	33.30	0.1
PRK	1.47	345	ePb	36	34.60	0.3
			eSg	36	55.00	
EZN	2.02	350	ePn	36	42.40	0.1
ATH	2.42	274	ePn	36	48.00	-0.1
			eSn	37	18.00	
KGT	2.65	9	ePn	36	51.00	-0.2
EDC	2.65	18	ePn	37	00.00	8.7X
BNT	2.67	19	IPn	36	59.50	7.9X
KCT	2.71	27	ePn	36	59.50	7.4X
NPS	2.73	200	ePb	36	57.50	5.1X
			eSb	37	36.00	
YLV	3.40	36	ePn	37	13.00	11.0X
S.D. = 0.2 on 6 of 11 obs.						

* SEP 05, 1985 11h 40m 52.80± 0.82s
50.354 N ± 7.5km 5.641 E ± 7.3km
DEPTH = 10.0km (geophysicist)
BELGIUM (541)

MEM	0.35	42	Pg	40	59.70	-0.2
ENN	0.45	23	ePg	41	02.00	0.0
			e	41	11.00	
DOU	0.72	249	Pg	41	06.10	-0.9
			Lg	41	14.70	
WLF	0.76	154	Pg	41	08.00	0.3
SNF	0.88	281	Pg	41	10.50	0.8
S.D. = 0.9 on 5 of 5 obs.						

& SEP 05, 1985 12h 28m 19.69s
60.036 N 153.645 W
DEPTH = 158.8km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.44	70	IP	28	41.65	1.2
			IS	28	58.51	
RDT	0.82	48	IP	28	43.62	-0.7
CNPM	1.32	112	IP	28	47.81	-0.7
NKA	1.39	58	IP	28	49.49	0.4
SPU	1.39	34	IP	28	48.26	-1.0
BRLK	1.42	100	IP	28	48.87	-0.6
CRP	1.44	30	IP	28	49.13	-0.7
			eS	29	12.16	
SVW	1.45	319	eP	28	48.78	-1.0
CGLM	1.51	32	IP	28	49.43	-1.0
SLKM	1.77	73	eP	28	51.29	-1.9
SUA	2.02	44	eP	28	54.50	-1.6
			eS	29	21.44	
SEW	2.10	86	IP	28	55.51	-1.4
MPA	2.18	76	eP	28	55.87	-2.0
SKT	2.21	27	IP	28	57.13	-1.0
PMS	2.35	57	IP	28	57.72	-2.2
			IS	29	27.61	
KDC	2.37	165	eP	28	57.80	-2.3
PTE	2.44	68	IP	28	58.30	-2.6
PWA	2.45	47	eP	28	58.62	-2.5
PWL	2.76	70	eP	29	01.92	-3.0
PME	2.77	53	eP	29	01.86	-3.1
GHO	2.89	51	IP	29	03.55	-3.1
KNK	2.90	59	eP	29	03.47	-3.2
KNIM	2.97	81	IP	29	05.60	-1.9
MTU	3.01	88	IP	29	06.81	-1.2
LOU	3.02	79	IP	29	05.84	-2.4
CFI	3.12	66	eP	29	06.62	-2.7
TTA	3.12	340	eP	29	08.04	-1.4
SML	3.14	53	eP	29	06.86	-3.7
GLI	3.35	73	eP	29	10.01	-2.4
SCM	3.57	57	eP	29	12.10	-3.2
HIN	3.58	81	eP	29	13.02	-2.4
FID	3.63	76	eP	29	12.32	-3.6
KLU	4.06	66	eP	29	18.01	-3.7
TOA	4.18	57	eP	29	20.79	-2.5
34 obs. associated						

? SEP 05, 1985 13h 47m 26.35± 1.26s
45.146 N ± 6.6km 28.201 E ±13.5km
DEPTH = 5.0km (geophysicist)
SOUTHWESTERN USSR (357)

CFR	0.05	319	IPc	47	29.00	-0.8
TLB	0.57	192	IPc	47	38.00	-1.7
BRD	0.89	295	IPd	47	46.70	0.8
PPE	1.15	339	IPc	47	50.00	-0.3
ISR	1.17	270	IPc	47	51.50	0.8
VRI	1.27	305	IPc	47	51.50	-0.8
PSN	1.46	180	eP	47	56.00	0.6
CLI	1.54	336	IPc	47	57.00	0.4
MLR	1.63	283	IPd	47	59.50	1.6
JMB	2.92	204	eP	48	21.00	4.7X
PVL	2.96	229	IPc	48	20.00	3.2X
DMK	3.34	186	ePn	48	23.40	1.1
CLO	3.82	271	IPc	48	27.50	-1.7
KDZ	4.07	212	eP	48	43.00	10.4X
S.D. = 1.3 on 11 of 14 obs.						

? SEP 05, 1985 14h 13m 33.57± 1.04s
66.429 N ±10.9km 149.740 W ± 8.2km
DEPTH = 10.0km (geophysicist)
ALASKA (676)

IMA	1.64	259	eP	14	02.80	0.2
COL	1.73	151	IP	14	03.80	-0.1
			e	14	07.00	
			eS	14	28.00	
FBA	1.73	151	eP	14	03.40	-0.5
TTA	4.43	220	eP	14	41.70	-0.6
TOA	4.61	159	eP	14	34.70	-10.3X
PME	4.83	176	eP	14	49.00	1.0
INK	6.53	66	eP	15	12.00	0.0
S.D. = 0.7 on 6 of 7 obs.						

& SEP 05, 1985 14h 33m 48.90s
33.980 N 116.960 W
DEPTH = 16.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.2 (PAS).

RVR	0.35	272	IPd	33	55.80	-0.4
PLM	0.63	172	IPd	34	00.60	-0.6
SDW	0.63	351	IP	34	00.80	-0.4
TPC	0.77	80	IPd	34	02.90	-0.5
			eS	34	13.00	
MWC	0.94	285	IPc	34	05.80	-0.7
VPEM	2.09	341	eP	34	22.70	-1.1
ENX	2.11	173	IPc	34	24.89	1.0
			S	34	53.78	
WKTM	2.18	326	eP	34	23.80	-1.3
8 obs. associated						

? SEP 05, 1985 14h 58m 31.64± 5.00s
24.786 N ±49.0km 109.446 W ±14.7km
DEPTH = 10.0km (geophysicist)
4.4mb (3 obs.)
GULF OF CALIFORNIA (49)

LTX	6.86	47	P	00	15.00	0.2
TDM	7.58	349	(P)	01	16.00	51.1X
ALQ	10.45	14	eP	01	05.00	0.3
	1.0s		5.50nm			4.9mb
SDW	11.82	328	P	01	12.00	-11.3X
NOP	12.69	335	P	01	20.00	-15.0X
EUR	15.65	341	IP	02	14.80	0.7
	0.2s		4.19nm			4.3mb
BMN	16.91	339	eP	02	30.00	0.0
BDW	17.94	360	eP	02	42.00	-1.1
	1.5s		15.43nm			3.9mb
LRM	21.13	354	ePc	03	19.30	0.1
NEW	24.20	347	eP	03	49.00	-0.2
S.D. = 0.7 on 7 of 10 obs.						

? SEP 05, 1985 15h 30m 30.57± 9.63s
36.931 N ±83.0km 19.598 E ±15.3km
DEPTH = 10.0km (geophysicist)
MEDITERRANEAN SEA (400)
ML 3.8 (ATH).

VLS	1.47	32	ePg	30	58.00	0.9
ATH	3.44	71	ePg	31	43.00	17.8X
			eSn	32	08.50	
KZN	3.78	26	ePn	31	31.50	1.4
			ePg	31	40.50	
OHR	4.28	12	IPn	31	37.40	0.2
VAY	4.96	27	IPn	31	46.30	-0.4
SKO	5.23	15	ePn	31	49.20	-1.5
			ISn	32	40.50	
TTG	5.50	357	ePn	32	00.50	6.1X
			eSn	32	46.00	
MMB	5.65	33	IPd	31	56.00	-0.6
VTS	6.30	25	eP	32	06.00	0.2
KDZ	6.48	42	eP	32	08.00	-0.3
MLR	9.79	27	eP	32	56.50	2.0X
LJU	9.86	339	e(Pn)	32	57.00	1.6
			eSn	34	33.00	
VOY	10.05	337	ePn	32	56.60	-1.4
			eSn	34	36.40	
KBA	11.15	337	IP	33	40.30	27.1X
	0.8s		11.90nm			
			i	34	10.50	
			i	35	07.50	
S.D. = 1.2 on 10 of 14 obs.						

SEP 05, 1985 15h 33m 33.39± 0.32s
33.586 N ± 3.7km 137.782 E ± 3.6km
DEPTH = 312.4 ± 3.3 km
4.9mb (28 obs.)
NEAR S. COAST OF HONSHU, JAPAN (230)

OYM	2.19	33	IPd	34	23.40	0.2
SRY	2.36	31	IPd	34	24.80	0.3
KYS	2.53	50	IPd	34	25.10	-0.9
DDR	2.67	25	IPd	34	27.70	0.3
			S	35	04.80	
MAT	2.97	7	IPc	34	30.80	0.7
			IS	35	14.00	
TSK	3.24	36	IPd	34	31.30	-1.5
SHK	4.34	284	IPc	34	47.00	2.5
			eS	35	44.10	
SSE	14.25	264	eP	36	42.80	-1.0
BJI	18.44	297	eP	37	27.00	-1.3
			e	40	37.00	
GUMO	20.93	160	IP	37	53.00	0.0
GUA	20.99	160	eP	37	53.40	-0.2
	1.1s		273.42nm			5.5mb
LZH	27.89	285	Pc	38	56.00	-1.3
MOM	36.58	164	IP	40	12.50	0.7
ADK	37.39	47	eP	40	17.50	-0.7
CHG	37.59	257	IPd	40	20.80	0.5
	0.8s		53.36nm			5.0mb
NST	38.33	252	IPd	40	27.00	0.7
KHT	40.05	252	eP	40	41.30	0.9
NNT	40.45	248	ePd	40	45.80	2.1
IPM	44.74	238	ePd	41	16.50	-1.6
	1.0s		42.20nm			4.7mb
			e	41	26.50	
KGM	45.00	233	ePc	41	21.00	0.8
PKI	45.10	277	IPd	41	21.20	-0.1
KKN	45.13	277	IPd	41	21.50	0.1
DMN	45.33	277	IPd	41	23.20	0.1
	0.8s		50.00nm			4.9mb
MTN	46.60	189	IPc	41	31.40	-1.3
VSG	47.43	150	eP	41	39.00	-0.1
PSI	47.54	238	ePc	41	39.50	-0.5
	0.6s		17.10nm			4.5mb
KNA	49.81	191	eP	41	56.00	-1.1
TTA	49.93	33	eP	41	57.60	-0.2
BRW	50.73	22	eP	42	04.00	0.5
IMA	51.15	29	eP	42	06.60	-0.3
NDI	51.44	282	IPd	42	08.50	-0.9
	0.6s		100.00nm			5.4mb
KDC	51.69	40	eP	42	09.80	-1.0
PME	53.20	35	eP	42	20.80	-1.0
	0.9s		43.70nm			4.9mb
WRA	53.33	184	IPc	42	21.80	-1.4
			eS	45	15.70	
			ePcP	46	52.30	
COL	53.59	31	eP	42	25.00	0.4
	0.8s		23.13nm			4.6mb
FBA	53.59	31	eP	42	24.50	-0.1
	0.9s		37.40nm			4.8mb

05d 15h

CTA	53.98	170	iPd	42	27.20	-0.7	TPZ	155.98	66	PKP	52	55.00	2.8X	QIZ	28.49	258	eP	36	11.80	0.3
	0.8s	11.94nm			4.3mb					i	53	23.70		GYA	29.11	275	P	36	17.40	0.4
HY8	55.14	269	iPd	42	35.80	-0.7		S.D. = 0.8	on	93 of	97	obs.		MOM	30.86	164	iPd	36	33.00	1.0
	0.8s	60.30nm			5.1mb									KKM	31.01	229	ePd	36	34.40	1.0
ASPA	57.05	184	iPc	42	48.80	-0.8	?	SEP 05, 1985 16h 20m 40.25± 3.12s						LZH	31.06	294	Pd	36	33.00	-0.8
	0.6s	55.00nm			5.2mb			24.401 N ±11.6km 121.848 E ±44.4km						CD2	31.09	284	iPd	36	34.20	0.2
MBL	57.07	200	eP	42	48.90	-0.8		DEPTH = 10.0km (geophysicist)						KVG	32.33	158	eP	36	44.00	-0.4
GBA	57.98	265	P	42	56.00	-0.2		TAIWAN					(244)	KMI	32.84	274	eP	36	48.50	-0.5
POO	58.53	272	eP	42	59.50	-0.6								GTA	34.59	300	iPd	37	03.60	0.2
INK	58.79	26	eP	43	01.00	-0.1	TWC	0.21	0	iPd	20	44.50	-0.2				S	41	54.20	
QUE	59.15	288	eP	43	04.50	0.2				eS	20	47.00					ScP	42	21.20	
KOD	59.73	262	eP	43	08.30	-0.3	TWD	0.39	216	iPd	20	47.50	-0.8	MKS	38.23	213	iPc	37	34.00	0.5
MBC	60.65	16	eP	43	12.00	-1.6				eS	20	52.50		BDT	38.64	263	eP	37	34.80	-2.1
	0.6s	28.00nm			5.0mb		TWZ	0.73	341	iPc	20	54.20	-0.5		0.9s	60.50nm			5.1mb	
BRS	62.29	165	iPd	43	26.60	1.7				eS	21	04.00		KHT	40.03	259	eP	37	49.30	1.2
MEK	62.59	199	eP	43	26.00	-1.0	ANP	0.83	339	eP	20	57.00	0.6	ADK	40.40	42	eP	37	51.00	0.2
SOD	66.97	337	iP	43	53.40	-1.0	TWM1	2.04	220	eP	21	16.00	0.9	KUPT	40.91	204	e(P)	37	58.50	3.3X
YOU	68.24	171	iPc	44	02.80	0.3		S.D. = 1.0	on	5 of	5	obs.		MTN	41.41	192	iPd	37	58.50	-0.7
KJF	68.30	334	iP	44	02.50	-0.1								SNG	42.12	248	eP	38	06.50	1.6
	0.5s	21.10nm			5.1mb			SEP 05, 1985 16h 30m 55.86± 0.45s						KGM	43.09	240	ePc	38	13.10	0.6
CAN	69.35	170	iPc	44	09.50	0.2		28.020 N ± 2.9km 139.407 E ± 3.7km						IPM	43.29	245	ePd	38	12.90	-1.3
SUF	69.70	333	iPd	44	10.60	-0.5		DEPTH = 500.1 ± 5.7 km							0.7s	55.60nm			5.2mb	
	0.5s	11.00nm			4.8mb			4.9mb (30 obs.)									e	39	50.70	
WAM	70.19	170	iPc	44	14.70	0.4		BONIN ISLANDS REGION					(212)	WMQ	44.03	305	iPd	38	21.00	1.1
NUR	71.57	331	iP	44	22.00	-0.2		CENTROID, MOMENT TENSOR					(HRV)				pP	39	53.30	492kmX
	0.4s	20.50nm			5.2mb			Data Used: GDSN									S	44	13.70	
PMT	72.71	42	iP	44	29.00	-0.2		L.P.B.: 15S, 25C						KNA	44.71	195	eP	38	25.00	-0.2
	0.6s	22.00nm			5.1mb			Centroid Location:						KKN	47.49	283	iPd	38	47.10	0.3
NEW	74.67	42	iP	44	40.90	0.4		Origin Time 16:31: 0.3 0.5						DMN	47.68	283	iPd	38	48.60	0.3
NB2	76.18	336	P	44	48.20	-0.4		Lat 28.00N 0.04 Lon 139.40E 0.07						WRA	47.93	186	iPd	38	48.90	-0.9
	0.7s	4.90nm			4.3mb			Dep 515.5 3.6 Half-duration 1.7									eScP	43	13.70	
ARN	77.92	53	eP	44	59.00	0.4		Moment Tensor; Scale 10**24 D-CM									eS	45	18.00	
FFC	78.19	31	iPc	44	59.60	-0.1		Mrr=-1.19 0.07 Mtt= 0.76 0.10						CTA	48.28	171	iPd	38	53.00	0.5
	0.6s	10.00nm			4.8mb			Mff= 0.44 0.12 Mrt= 0.24 0.11							1.2s	86.72nm			5.1mb	
JAS1	78.34	52	eP	45	01.20	0.3		Mrf=-0.23 0.11 Mtf= 0.50 0.10						ASPA	51.66	186	iPd	39	16.60	-0.9
	0.6s	2.90nm			4.2mb			Principal Axes:						MBL	52.42	203	iPd	39	22.30	-0.7
LRM	78.69	42	eP	45	02.80	-0.1		T Val= 1.13 Plg= 2 Azm=324							0.5s	90.00nm			5.4mb	
BMN	79.00	49	eP	45	05.70	1.2		N 0.15 14 55						TTA	53.90	31	eP	39	33.20	-0.1
KRP	79.34	150	P	45	06.80	0.9		P -1.28 76 228						NDI	54.16	287	iPd	39	34.50	-1.0
KRA	80.23	325	ePd	45	10.90	0.3		Best Double Couple:Mo=1.2*10**24							0.7s	41.10nm			4.9mb	
	0.7s	29.00nm			5.2mb			NP1:Strike= 41 Dip=45 Slip=-110									eS	48	31.00	
EUR	80.33	49	iP	45	12.60	0.9		NP2: 247 48 -71						RMQ	54.94	170	eP	39	40.00	-0.8
	0.1s	65.18nm			6.4mb	X								KDC	55.16	37	P	39	41.00	-1.0
SYP	80.53	55	eP	45	13.00	0.4	KYS	7.18	5	eP	32	45.10	0.2	NAU	55.31	207	iPd	39	42.90	-0.6
FR8	80.77	12	eP	45	13.00	-0.1	OYM	7.38	359	eP	32	46.00	-1.0		0.7s	65.00nm			5.1mb	
ISA	80.91	53	eP	45	14.00	-0.5	SRY	7.57	359	eP	32	47.70	-1.2	IMA	55.38	27	eP	39	43.70	0.0
CLC	81.40	53	eP	45	17.00	-0.1	DDR	7.96	359	eP	32	52.10	-0.9	BRW	55.39	21	eP	39	43.20	-0.3
SBB	81.90	54	eP	45	20.00	0.3	TSK	8.19	4	eP	32	54.10	-1.2	NOU	56.44	150	iPd	39	51.50	0.2
MWC	82.01	54	eP	45	20.00	-0.4	MAT	8.56	354	iPc	32	58.60	-0.6	BRS	56.57	166	iPc	39	53.80	1.6
BDW	82.19	43	iP	45	21.40	0.2				eS	34	34.00		HYB	56.63	273	eP	39	52.50	-0.4
	1.0s	17.40nm			4.8mb		SHK	8.68	320	iPc	33	12.30	11.8X		1.0s	40.00nm			4.7mb	
GSC	82.23	53	eP	45	21.00	-0.4				eS	34	42.90		PME	57.04	33	eP	39	54.00	-1.0
BRG	82.44	328	iP	45	22.30	0.3	SAP	15.09	5	eP	34	09.00	1.9		0.7s	29.90nm			4.7mb	
	1.2s	17.00nm			4.8mb					eS	36	50.00		COL	57.71	29	eP	39	59.00	-0.6
		e	46	36.00			GUMO	15.24	159	iP	34	10.30	1.5				e	41	43.00	
CLL	82.54	329	iPd	45	23.00	0.5		0.9s	1118.50nm				6.5mb X	FBA	57.71	29	eP	39	59.30	-0.3
	1.1s	26.00nm			5.0mb					e(S)	36	55.00			0.7s	19.90nm			4.6mb	
		epP	46	35.00	306kmX		GUA	15.30	159	iP	34	10.80	1.4	MEK	57.90	202	eP	40	00.00	-1.3
MSZ	82.57	159	P	45	24.60	2.1		0.9s	1236.97nm				6.5mb X		0.5s	24.00nm			4.8mb	
RVR	82.60	54	eP	45	23.00	-0.2				eS	36	54.50		GBA	59.12	270	P	40	10.00	0.1
PRU	82.81	327	P	45	25.00	1.1	SSE	16.15	285	eP	34	19.20	1.4	STK	59.61	178	eP	40	11.00	-1.6
		e	46	39.00						iS	37	04.00		POO	60.35	276	iPd	40	17.70	-0.3
ZST	82.86	325	e(P)	45	25.70	1.5	NJ2	18.24	288	Pc	34	39.30	1.1		0.8s	31.34nm			4.8mb	
PRNI	83.28	302	iP	45	27.50	0.8				S	37	39.00		KOD	60.54	266	eP	40	19.00	-0.6
PLM	83.32	54	eP	45	26.00	-1.1	MDJ	18.33	337	Pc	34	41.00	2.0	KLG	60.93	198	eP	40	20.00	-1.5
TPC	83.43	53	eP	45	28.00	0.6				sP	36	46.00		MRWA	61.17	203	iPd	40	21.80	-1.2
MOX	83.63	329	eP	45	28.00	0.0				S	37	42.50			0.5s	85.00nm			5.4mb	
BAR	83.85	55	eP	45	30.00	0.5				ScS	45	12.50		BCPM	61.72	34	eP	40	26.60	0.2
KHC	83.86	327	iPd	45	30.20	0.9	DL2	18.35	311	eP	34	39.40	0.2	BAL	62.19	202	eP	40	28.70	-1.0
		e	45	34.50			SNY	18.88	321	iPc	34	45.00	0.7		0.6s	34.00nm			5.1mb	
		e	46	44.40						sP	36	54.00		QUE	62.32	291	eP	40	30.00	-0.9
RSSD	84.37	40	eP	45	32.20	0.0				S	37	49.00		YOU	62.54	172	eP	40	31.60	-0.2
	0.6s	7.63nm			4.7mb		CVP	19.16	241	eP	34	49.00	1.8	ADE	62.65	181	iPd	40	33.10	0.6
GLA	84.88	54	eP	45	35.00	0.4	CN2	19.34	328	Pc	34	48.70	-0.1		1.0s	60.00nm			5.1mb	
OHR	85.73	318	eP	45	38.00	-0.7				sP	37	00.00		KLB	62.77	201	iPc	40	32.40	-0.9
GOL	86.59	44	eP	45	43.90	0.7				PcP	38	46.00			0.8s	49.00nm			5.1mb	
	1.0s	6.50nm			4.5mb					ScP	41	33.40		INK	63.22	25	eP	40	34.00	-1.8
ALQ	89.09	48	eP	45	55.00	0.0	TIA	20.53	299	P	35	00.60	0.5	MUN	63.62	202	eP	40	37.00	-1.8
	0.8s	10.63nm			4.8mb					esP	37	14.00		CAN	63.65	171	eP	40	39.10	0.2
LTX	94.59	50	iPc	46	21.00	0.7	MAP	22.81	222	iPd	35	21.00	-0.1	NWAO	64.17	201	iPd	40	41.40	-0.9
	1.0s	24.00nm			5.3mb		CGP	23.91	218	iPd	35	30.00	-1.0	WAM	64.49	172	eP	40	44.50	0.3
SPA	123.41	180	ePKP	51	53.90	-0.1		1.0s	49.00nm				5.0mb	RKG	65.29	200	eP	40	52.00	2.6
	0.8s	6.25nm					TIY	24.56	300	P	35	38.00	1.1	MBC	65.64	15	eP	40	50.00	-1.1
ZOBO	150.99	60	iPKPc	52	52.00	6.4X	HHC	26.17	307	eP	35	52.00	0.8		0.5s	23.00nm			5.1mb	
LPB	151.18	60	iPKP	52	53.80	8.1X	PPR	26.60	231	eP	35	41.00	-14.0X	ALE	69.18	3	eP	41	13.00	0.4
	1.0s	54.00nm					XAN	26.74	291	Pd	35	55.40	-0.8		0.8s	26.00nm			4.9mb	
CNCB	151.44	61	iPKP	52	54.00	7.8X	BTO	27.19	305	eP	36	00.40	0.2	TAU	70.95	174	eP	41	24.00	0.6

KEV 71.29 340 iP 41 25.20 0.1
0.6s 27.40nm 5.0mb
YKA 72.49 28 eP 41 32.50 0.3
RSNT 72.50 28 P 41 31.80 -0.4
SOD 72.64 338 iP 41 32.60 -0.4
KRP 73.82 151 P 41 40.80 0.8
KJF 73.91 335 iP 41 40.50 0.3
0.7s 34.70nm 5.0mb
i 43 35.80
GMW 74.79 44 P 41 46.00 0.5
BFW 74.97 45 P 41 47.00 0.4
SUF 75.29 334 iP 41 46.80 -1.1
0.5s 73.80nm 5.2mb
PNT 75.92 41 eP 41 52.00 0.3
MSZ 76.88 160 P 41 57.00 0.2
NUR 77.12 333 iP 41 57.00 -1.0
0.6s 26.00nm 4.8mb
EDM 77.54 36 eP 42 00.00 -0.5
NEW 77.88 42 eP 42 03.00 0.6
e 43 58.00
ARN 80.13 53 eP 42 14.90 0.5
UPP 80.30 334 iP 42 13.70 -1.0
JAS1 80.65 52 eP 42 17.90 0.8
BMN 81.62 49 eP 42 22.80 0.6
1.2s 14.92nm 4.4mb
NB2 81.83 337 P 42 22.30 -0.4
0.5s 18.50nm 4.9mb
LRM 81.86 42 eP 42 24.20 0.7
FFC 82.24 31 eP 42 25.00 0.2
1.4s 40.00nm 4.8mb
HPI 82.59 44 P 42 28.40 1.2
EUR 82.92 45 iP 42 29.50 0.6
0.1s 71.11nm 6.2mb X
ISA 83.10 53 eP 42 29.00 -0.6
e 44 24.00
CLC 83.65 53 eP 42 33.00 0.7
e 44 28.00
SBB 84.05 54 eP 42 34.00 -0.4
e 44 30.00
MWC 84.11 54 eP 42 35.00 0.2
e 44 31.00
GSC 84.46 53 eP 42 37.00 0.6
e 44 31.00
NOP 84.50 52 P 42 37.00 0.4
pP 44 33.00 528kmX
BDW 85.26 44 eP 42 40.00 -0.4
1.2s 11.30nm 4.4mb
TPC 85.61 54 eP 42 42.00 0.0
e 44 36.00
KSP 86.84 328 eP 42 47.80 0.3
GLA 87.02 54 eP 42 49.00 0.2
e 44 45.00
RSSD 87.74 40 eP 42 52.30 0.1
0.6s 6.91nm 4.6mb
BRG 87.90 329 iP 42 52.40 -0.1
CLL 88.02 330 eP 42 52.00 -1.0
e 44 52.00
PRU 88.24 328 eP 42 56.50 2.4
e 44 53.00
RSON 88.56 30 eP 42 55.30 -0.2
0.6s 8.58nm 4.8mb
ALQ 91.75 49 eP 43 11.00 0.2
1.0s 15.50nm 5.0mb
LTX 97.00 52 eP 43 34.10 -0.5
1.0s 3.60nm 4.7mb
SPA 117.86 180 e(PKP) 48 44.50 -1.1
KIC 131.36 309 ePKP 49 12.30 -0.6
ARE 149.26 75 ePKP 49 51.00 6.3X
ZOBO 152.02 71 PKP 49 50.20 1.1
1.1s 23.20nm
49 57.10
LPB 152.17 72 PKP 49 50.20 1.1
i 49 58.00
CCH 154.21 71 ePKP 50 00.00 8.2X
TPZ 156.29 80 ePKP 49 57.00 2.4X
e 50 29.00
S.D. = 0.9 on 127 of 133 obs.

* SEP 05, 1985 16h 43m 38.43± 0.64s
51.351 N ±15.6km 178.509 W ± 6.7km
DEPTH = 33.0km (normal)
4.5mb (7 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 4.4 (PMR).

ADK 1.26 64 iPc 44 01.00 1.3
SMY 4.77 290 eP 44 49.50 -0.2

SVW 15.95 43 eP 47 26.10 4.3X
TTA 16.72 37 eP 47 34.00 2.4
IMA 19.38 31 eP 48 03.60 -0.5
COL 20.86 38 eP 48 23.00 3.5X
0.8s 9.70nm 4.2mb
FBA 20.86 38 eP 48 19.50 0.0
INK 27.38 35 eP 49 27.00 4.9X
MAT 33.96 261 iPc 50 22.40 1.7
PNT 36.77 69 eP 50 45.00 0.6
0.7s 10.00nm 4.8mb
NEW 38.72 70 eP 51 00.40 -0.5
HPI 43.48 73 eP 51 41.00 0.7
EUR 44.18 80 eP 51 46.00 0.0
0.7s 6.95nm 4.6mb
BDW 46.13 72 eP 52 00.80 -0.6
0.8s 4.82nm 4.5mb
GOL 50.51 73 eP 52 35.00 -0.5
LZH 55.57 286 P 53 14.00 1.0
LTX 58.48 81 eP 53 32.10 -1.5
KJF 62.99 347 eP 54 02.00 -1.6
SUF 64.62 348 eP 54 13.00 -1.3
0.4s 2.10nm 4.6mb
NUR 66.95 348 eP 54 25.00 -4.2X
NB2 67.69 355 P 54 32.80 -1.2
0.5s 1.00nm 4.2mb
KBA 81.42 352 iP 55 53.50 0.3
0.5s 11.20nm 5.1mb
HYB 84.39 291 ePc 56 09.20 0.4
POO 86.23 295 iPd 56 19.30 1.4
GBA 88.05 289 P 56 26.00 -0.7
KIC 122.27 7 ePKP 02 30.90 -0.6
BNG 122.54 340 iPKPd 02 31.50 -0.6
0.5s 5.00nm
MAW 146.57 218 ePKP 03 17.00 2.1X
SLR 147.28 311 ePKP 03 21.50 4.0X
0.5s 24.65nm
PRY 148.67 311 ePKP 03 23.50 3.7X
0.5s 4.05nm
WIN 148.81 331 ePKP 03 24.50 4.3X
SEK 149.77 310 iPKPc 03 27.00 5.6X
0.5s 17.61nm
BLF 151.11 311 ePKP 03 30.00 6.6X
S.D. = 1.1 on 23 of 33 obs.

& SEP 05, 1985 17h 33m 12.50s
38.560 N 122.237 W
DEPTH = 8.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 2.9 (BRK).

NWRM 0.52 259 eP 33 22.30 -0.7
ZSP 0.61 181 iPd 33 24.20 -0.6
lS 33 36.10
BKS 0.68 180 iPd 33 25.80 -0.4
lS 33 35.90
BRK 0.69 182 eP 33 25.80 -0.4
eS 33 36.00
PCC 1.06 186 eP 33 31.70 -1.0
e 33 45.00
ORV 1.15 30 eP 33 32.40 -1.8
GAS 1.15 341 eP 33 33.00 -1.4
MHC 1.30 159 eP 33 35.80 -1.1
ARN 1.33 155 eP 33 35.00 -2.3
JAS1 1.56 113 eP 33 40.40 -0.2
lS 34 00.20
MIN 1.85 15 ePc 33 45.00 0.1
WDC 2.03 353 e(P) 33 47.40 0.0
LLA 2.20 152 ePc 33 47.90 -1.9
PRS 2.33 163 ePc 33 50.20 -1.5
14 obs. associated

SEP 05, 1985 18h 30m 23.26± 0.21s
25.405 N ± 3.8km 97.696 E ± 4.2km
DEPTH = 33.0km (normal)
5.0mb (42 obs.) 5.1Msz (3 obs.)
BURMA-CHINA BORDER REGION (297)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 29C
Centroid Location:
Origin Time 18:30:26.2 0.3
Lat 25.29N 0.06 Lon 98.23E 0.08
Dep 60.7 4.8 Half-duration 2.2
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.02 0.10 Mtt= 0.97 0.10
Mff=-0.99 0.14 Mrt= 0.91 0.10
Mrf=-0.11 0.11 Mtf= 1.69 0.13

Principal Axes:
T Val= 2.20 Plg=19 Azm=333
N -0.09 65 111
P -2.11 16 237
Best Double Couple:Mo=2.1*10**24
NP1:Strike= 14 Dip=65 Slip= 177
NP2: 105 87 25

KMI 4.58 92 eP 31 32.50 0.3
Sn 32 30.00
SHL 5.26 273 eP 31 41.00 -0.8
iS 32 38.00
AGT 6.06 257 eP 31 53.00 0.1
iS 33 23.00
CHG 6.66 170 iPn 31 59.80 -1.6
iPg 32 24.20
iSg 32 58.80
BDT 8.21 171 ePn 32 19.00 -4.0X
ePg 32 48.50
eSg 34 27.00
NST 9.95 166 ePg 32 45.60 -1.4
eSg 35 44.10
KHT 10.60 175 ePn 32 55.30 -0.7
ePg 33 45.20
iSg 35 59.20
LZH 11.88 25 eP 33 14.00 0.5
2.5s 281.00nm 6.0mb
Lg 36 27.00
e 36 50.00
NNT 12.89 171 eP 33 28.00 1.1
HKC 15.39 98 eP 33 43.00 -16.6X
VIS 15.41 243 iP 33 45.00 -15.0X
lS 36 56.00
SNG 18.34 171 iPd 34 29.00 -7.8X
iS 38 08.00
NDI 18.53 285 eP 34 35.50 -3.6X
iS 38 04.00
HYB 19.50 250 ePd 34 50.00 -0.7
0.9s 235.00nm 5.5mb
IPM 20.95 171 ePc 35 06.00 0.1
1.0s 27.70nm 4.6mb
e 35 37.40
AJM 20.99 277 iP 35 04.00 -2.2
iS 39 03.00
BJI 21.26 42 eP 35 09.50 0.7
ePP 35 44.00
eS 39 07.00
SSE 21.44 69 Pd 35 10.50 -0.2
S 39 06.00
sS 39 16.00
GBA 22.38 242 P 35 21.00 0.8
PSI 22.61 177 ePc 35 23.00 0.5
1.0s 56.90nm 5.0mb
POO 23.13 258 iP 35 30.00 2.4
iS 39 41.00
BAG 23.15 108 eP 35 30.80 2.9X
eS 39 46.00
CVP 23.69 104 iPd 35 37.00 4.1X
0.8s 76.00nm 5.3mb
KGM 23.88 166 ePc 35 36.20 1.4
BOM 23.92 259 eP 35 24.00 -11.1X
eS 39 23.00
KOD 24.41 235 eP 35 42.00 1.7
eS 39 08.00
QUE 27.57 287 eP 36 10.00 0.5
eS 40 48.00
DAV 32.25 120 eP 36 52.00 0.9
eS 42 06.00
MAT 36.23 62 (P) 37 23.00 -2.1
eS 43 05.00
HRI 53.90 294 eP 39 47.50 1.6
JER 54.60 292 iPd 39 52.50 1.5
PRNI 55.04 290 iP 39 55.50 1.3
WRA 57.45 138 Pc 40 09.70 -1.8
0.6s 3.10nm 4.5mb
KJF 58.73 331 iP 40 19.20 -0.7
0.8s 35.20nm 5.5mb
i 40 27.00
eS 40 24.00
eSS 52 28.00
VRI 59.25 310 ePd 40 23.50 -0.3
SUF 59.30 329 iP 40 23.70 -0.1
0.5s 12.90nm 5.3mb
ISR 59.46 309 eP 40 26.50 1.2
SOD 59.54 335 eP 40 25.00 -0.5
KEV 59.73 338 iP 40 29.00 2.3
0.7s 16.00nm 5.3mb

05d 18h

			eS	48	40.00	
			eSS	52	40.00	
MLR	59.84	309	ePd	40	27.50	-0.5
NUR	59.92	327	iP	40	28.00	-0.1
	0.7s	13.30nm			5.2mb	
	Z 20s	0.70um			4.8Msz	
			eS	48	40.00	
			eSS	52	40.00	
			LR	07	50.00	
CLO	62.09	309	eP	40	43.00	-0.1
VAY	62.90	305	eP	40	46.50	-2.0
KRA	63.27	315	eP	40	50.50	-0.3
			e	40	52.60	
			e	40	55.50	
			e	49	29.00	
UPP	63.45	326	iP	40	51.30	-0.5
SKO	63.61	306	iP	40	51.50	-1.7
			eS	49	18.00	
OHR	64.25	305	eP	40	58.00	0.5
SOP	65.88	313	ePc	41	07.20	-0.6
	1.2s	15.80nm			5.0mb	
NB2	66.44	328	P	41	10.30	-0.9
	1.0s	13.50nm			5.0mb	
PRU	66.71	316	eP	41	13.00	-0.1
	1.1s	22.90nm			5.2mb	
	Z 16s	1.50um			5.3MszX	
	N 20s	1.60um				
	E 18s	1.20um				
			S	50	06.00	
BRG	66.89	317	iPc	41	14.20	0.0
	Z 16s	1.50um			5.3MszX	
	N 18s	3.00um				
	E 18s	2.00um				
			e	41	35.00	
CLL	67.38	317	eP	41	16.00	-1.3
	1.7s	31.00nm			5.1mb	
KHC	67.51	315	iPc	41	18.40	0.2
	1.0s	10.50nm			4.9mb	
	N 16s	1.00um				
	E 18s	0.90um				
			e	41	39.00	
			e	42	35.00	
			S	50	16.00	
LJU	67.60	312	eP	41	18.80	-0.2
VOY	68.03	312	eP	41	20.40	-1.2
KBA	68.14	313	iPd	41	21.50	-0.9
	0.6s	8.10nm			5.0mb	
			i	41	25.90	
			i	41	29.50	
			i	41	51.20	
TRI	68.20	311	eP	41	12.40	-10.1X
MOX	68.38	317	eP	41	23.00	-0.6
	Z 16s	1.20um			5.2MszX	
	N 20s	3.00um				
			eS	50	20.00	
			eS	55	00.00	
			eSS	58	00.00	
GRF	68.87	316	eP	41	27.00	0.4
	1.5s	73.00nm			5.5mb	
	Z 21s	1.00um			5.0Msz	
FUR	69.22	314	iPc	41	29.00	0.1
OSS	70.36	313	eP+	41	35.50	-0.6
WTS	70.93	319	eP	41	42.50	3.4X
	0.9s	20.00nm			5.2mb	
SLE	71.13	315	eP+	41	40.80	0.3
TMA	71.37	313	eP+	41	41.10	-1.1
CDF	71.71	315	eP	41	43.70	-0.4
	0.8s	6.40nm			4.7mb	
MEM	71.83	318	P	41	48.00	3.5X
ENN	71.83	318	eP	41	48.50	3.9X
WLF	72.03	317	iPc	41	46.50	0.7
BSF	72.20	315	eP	41	46.80	-0.2
	0.8s	14.90nm			5.0mb	
DIX	72.35	313	eP+	41	48.30	0.2
HAU	72.43	315	eP	41	48.20	-0.1
	0.9s	7.80nm			4.7mb	
CVF	72.47	309	eP	41	47.80	-0.8
	1.1s	18.00nm			5.0mb	
LPG	72.97	313	eP	41	50.50	-1.3
	0.8s	10.70nm			4.9mb	
FRF	73.69	311	eP	41	55.00	-0.6
	0.9s	21.30nm			5.1mb	
LMR	73.85	311	eP	41	56.10	-0.5
	1.0s	13.60nm			4.9mb	
LRG	73.92	311	eP	41	56.90	0.0
	1.0s	32.00nm			5.3mb	
IMA	74.23	24	eP	41	59.50	0.9
LOR	74.26	315	eP	41	58.20	-0.7
	1.0s	6.00nm			4.5mb	
LBF	74.29	315	eP	41	58.40	-0.7
	1.0s	9.60nm			4.8mb	
SMF	74.49	314	eP	41	59.90	-0.4
	0.8s	13.40nm			5.0mb	
SSF	74.56	315	eP	42	00.50	-0.1
	0.8s	22.80nm			5.2mb	
TTA	74.73	27	P	42	02.50	1.1
GRC	74.76	315	ePc	42	03.60	1.9
AVF	74.76	315	eP	42	01.40	-0.3
	1.0s	18.70nm			5.0mb	
BGF	75.17	315	eP	42	04.00	-0.1
	1.0s	7.60nm			4.6mb	
MZF	75.46	314	eP	42	06.30	0.5
	1.2s	20.00nm			5.0mb	
TCF	75.67	315	eP	42	07.30	0.2
	0.8s	13.60nm			5.0mb	
LSF	76.13	315	eP	42	09.50	-0.1
	1.0s	7.40nm			4.6mb	
LDF	76.27	317	eP	42	10.20	-0.1
	0.8s	8.00nm			4.8mb	
CAF	76.28	313	eP	42	10.80	0.3
	1.0s	14.00nm			4.9mb	
RJF	76.49	314	eP	42	12.30	0.6
	0.9s	17.60nm			5.1mb	
COL	76.95	23	iP	42	14.80	1.0
	Z 19s	2.43um			5.5Msz	
FBA	76.95	23	e(P)	42	14.20	0.4
LPO	76.95	313	eP	42	14.80	0.6
	0.9s	13.10nm			5.0mb	
LFF	77.14	314	eP	42	15.90	0.6
	0.8s	8.70nm			4.8mb	
PME	78.22	27	e(P)	42	21.30	0.5
	1.0s	12.50nm			4.9mb	
KRI	78.43	245	eP	42	23.00	0.1
INK	79.31	17	eP	42	27.00	0.3
LGR	80.30	312	eP	42	35.50	3.0X
BUL	80.95	243	eP	42	36.40	0.0
TOL	82.48	311	eP	42	49.00	5.0X
			eS	53	03.00	
SLR	84.11	238	iPc	42	53.50	0.9
	1.2s	39.06nm			5.5mb	
IFR	86.17	305	iP	43	05.00	2.0
SPA	115.26	180	e(PKP)	49	06.00	3.6X
ATB	143.67	302	e(PKP)	49	56.00	-1.3
ZOBO	163.94	302	PKP	50	25.50	0.2
CNCB	164.14	300	PKP	50	28.00	2.5X
TPZ	164.28	281	(PKP)	50	31.00	5.7X

S.D. = 1.0 on 91 of 108 obs.

SEP 05, 1985 18h 33m 33.30± 0.74s
30.562 S ± 7.7km 117.160 E ± 8.0km
DEPTH = 33.0km (normal)
WESTERN AUSTRALIA (590)

BAL	0.39	263	iPd	33	42.20	-0.1
			iS	33	47.70	
KLB	1.15	154	iPc	33	52.70	-0.4
			iS	34	05.10	
MUN	1.63	210	iPd	34	00.70	0.6
			eS	34	20.00	
MRWA	1.68	323	eP	34	06.00	5.2X
			eS	34	35.50	
NWAO	2.36	178	eP	34	10.20	-0.3
RKG	3.50	182	eP	34	33.00	6.3X
			eS	35	17.00	
KLG	3.71	95	iPc	34	30.10	0.4
			eS	35	12.00	
MEK	4.12	18	eP	34	40.00	4.5X
			eS	35	23.00	
MBL	9.67	15	eP	35	53.00	-0.2
			eS	37	35.00	

S.D. = 0.6 on 6 of 9 obs.

& SEP 05, 1985 19h 18m 38.80s
38.562 N 122.242 W
DEPTH = 7.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 2.6 (BRK).

NWRM	0.52	259	eP	18	48.50	-0.7
ZSP	0.62	181	iPd	18	51.10	-0.1
			iS	19	02.00	
BKS	0.68	180	iPd	18	52.10	-0.4
			iSS	19	02.10	
BRK	0.69	181	iPc	18	52.10	-0.5
			eS	19	02.20	
PCC	1.07	186	ePc	18	57.80	-1.2
ORV	1.15	30	e(P)	18	58.80	-1.8
GAS	1.15	342	eP	19	02.00	1.3
MHC	1.31	159	ePd	19	03.80	0.4
ARN	1.33	155	eP	19	01.00	-2.7
JAS1	1.57	113	eP	19	06.50	-0.6
			iS	19	26.40	

10 obs. associated

• SEP 05, 1985 22h 50m 12.18± 0.67s
28.151 N ± 9.4km 140.787 E ± 9.2km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
BONIN ISLANDS REGION (212)

DDR	7.94	351	eP	52	07.10	-1.2
TSK	8.06	356	eP	52	09.80	0.0
MAT	8.65	346	(P)	52	20.60	2.0X
	0.8s	11.19nm			5.1mb	X
			iS	54	03.00	
SHK	9.41	315	eP	52	23.80	-4.7X
NJ2	19.36	287	Pc	54	39.00	1.0
			eS	58	16.00	
SNY	19.57	319	eP	54	40.20	0.0
TIA	21.54	298	eP	55	01.00	0.4
BJI	23.50	307	eP	55	18.50	-1.3
			eS	59	44.00	
TIY	25.55	299	eP	55	40.10	0.4
XAN	27.84	290	Pc	56	01.30	0.6
GTA	35.58	299	P	57	08.50	-0.2
WMQ	44.96	305	P	58	25.50	-0.5
WRA	48.22	188	eP	58	50.20	-1.5
			e	59	35.00	
PKI	48.59	283	eP	58	55.80	0.7
	1.1s	23.00nm			5.1mb	X
KKN	48.65	283	eP	58	56.20	0.8
	1.0s	46.00nm			5.5mb	X
DMN	48.84	283	eP	58	57.80	0.9
	0.8s	17.00nm			5.1mb	X
NDI	55.29	287	eP	59	44.00	-0.9
COL	57.01	29	eP	59	58.00	1.2
GBA	60.35	270	Pd	00	26.10	5.5X
	0.4s	1.10nm			4.3mb	
QUE	63.41	292	eP	00	41.00	-0.1
SUF	75.71	334	eP	01	55.00	-0.7
NEW	76.96	42	eP	02	04.00	0.8
NUR	77.56	333	iP	02	14.50	8.4X
EUR	81.91	50	eP	02	31.00	0.8
NB2	82.17	338	P	02	29.50	-1.4
	0.9s	3.70nm			4.4mb	

S.D. = 0.9 on 21 of 25 obs.

SEP 05, 1985 23h 52m 20.01± 0.53s
5.891 S ± 6.0km 146.254 E ± 6.1km
DEPTH = 113.4 ± 5.8 km
5.0mb (7 obs.)
EAST PAPUA NEW GUINEA REGION (207)

MDG	0.79	323	iPc	52	39.80	0.1
LAT	1.06	136	iPc	52	42.70	0.3
WEW	3.50	311	eP	53	17.00	3.4X
PMG	3.61	166	iPc	53	14.60	-0.4
TZZ	5.05	277	eP	53	35.80	1.0
KVG	5.60	54	eP	53	44.00	1.7
ALOA	5.99	137	eP	53	45.00	-2.6
VSG	13.75	105	eP	55	36.00	4.6X
SVO	13.83	104	eP	55	38.00	5.6X
HNR	14.02	105	eP	55	35.00	0.2
CTA	14.11	180	iPd	55	53.00	16.9X
	0.6s	88.33nm				
MTN	16.44	244	eP	56	05.00	-0.4
			eS	59	02.00	
WRA	18.15	219	eP	56	25.20	-1.1
			i	56	47.30	
			eS	59	59.80	
BRS	22.26	165	P	57	09.80	1.2
YOU	28.32	176	eP	58	05.50	0.5
CAN	29.40	175	eP	58	14.80	0.1
MBL	29.76	237	eP	58	18.00	0.0
	0.5s	15.00nm			5.0mb	
WAM	30.25	176	eP	58	23.10	0.9
MEK	33.50	229	eP	58	51.00	0.3
	0.6s	32.00nm			5.3mb	
NAU	33.98	238	eP	58	55.30	0.4
KLB	36.94	223	eP	59	20.00	0.2
	0.3s	22.00nm			5.5mb	

BAL 37.08 225 eP 59 21.00 0.0
RKG 38.98 220 eP 59 41.00 4.2X
MAT 42.88 350 eP 00 07.00 -1.7
IPM 46.34 282 ePd 00 35.10 -1.7
0.9s 30.40nm 5.1mb
PKI 67.46 303 eP 03 06.40 0.0
KKN 67.64 303 eP 03 07.60 0.2
0.6s 6.00nm 4.7mb
DMN 67.73 303 eP 03 08.40 0.4
0.5s 8.00nm 4.9mb
HYB 70.73 291 eP 03 25.50 -0.7
GBA 70.99 286 P 03 28.00 0.2
MAW 82.06 203 eP 04 30.00 1.4
QUE 83.75 301 eP 04 39.00 0.7
SPA 84.15 180 eP 04 39.90 0.4
0.6s 6.10nm 4.7mb
COL 85.37 2 eP 04 44.00 -1.4
VAO 148.51 156 ePKP 11 56.30 4.2X
e 12 27.20
KIC 151.16 272 ePKP 12 02.90 6.7X
S.D. = 1.0 on 29 of 36 obs.

• SEP 05, 1985 23h 58m 34.88± 1.13s
45.960 N ± 9.5km 14.486 E ±13.9km
DEPTH = 33.0km (normal)
YUGOSLAVIA (383)
ML 2.7 (TRI), 2.6 (VKA). Felt (IV) at Skofja Loko and (III) at Kranj.

LJU 0.09 21 IPgd 58 40.40 -0.3
0.2s 1600.00nm
iSg 58 47.00
CEY 8.22 191 iPg 58 41.44 -0.4
e 00 34.00
iSg 58 50.40
VOY 0.42 280 iPgc 58 43.40 -1.0
e 00 37.00
iSg 58 49.10
TRI 0.56 244 iPg 58 47.50 1.1
iSg 58 56.80
KBA 1.37 325 iPgd 58 57.80 -0.2
iSg 59 13.50
BHG 2.08 329 eP 59 13.20 5.1X
OGA 2.56 292 ePn 59 21.00 5.8X
KHC 3.23 349 ePn 59 25.20 0.7
Sg 00 11.40
Pg 59 33.00
Sn 59 55.50
S.D. = 1.0 on 6 of 8 obs.

SEP 06, 1985 00h 22m 30.11± 0.96s
37.573 N ± 6.9km 142.567 E ± 5.1km
DEPTH = 26.[illegible] ± 7.3 km
5.1mb (18 obs.)
OFF EAST COAST OF HONSHU, JAPAN (229)

TSK 2.39 236 eP 23 07.20 -1.2
KYS 3.07 220 eP 23 19.20 1.2
DDR 3.13 241 eP 23 18.10 -0.8
S 23 57.00
SRY 3.30 234 eP 23 21.00 -0.2
OYM 3.43 232 eP 23 24.50 1.3
MAT 3.63 255 eP 23 28.00 2.0
eS 24 12.00
SHK 8.56 252 eP 24 34.20 -1.2
BJI 20.69 285 eP 27 07.00 -3.6X
COL 48.16 32 eP 31 09.00 -0.5
1.2s 23.44nm 5.1mb
PKI 48.54 276 eP 31 12.80 -0.6
0.5s 4.00nm 4.7mb
KKN 48.55 276 eP 31 13.20 -0.1
0.8s 1.00nm 5.2mb
INK 53.49 27 eP 31 49.00 -0.9
NDI 54.47 281 eP 32 05.00 7.3X
WRA 57.73 189 Pc 32 19.50 -1.5
1.4s 67.40nm 5.5mb
ALE 59.52 4 eP 32 31.50 -1.3
1.4s 38.00nm 5.3mb
ASPA 61.46 189 eP 32 46.00 -0.6
1.1s 32.00nm 5.4mb
QUE 61.66 288 eP 32 49.00 0.6
GBA 62.17 266 P 32 51.00 -0.7
MBL 62.22 204 eP 32 51.00 -0.8
KJF 66.43 334 iP 33 18.20 -0.5
0.9s 32.10nm 5.4mb
i 33 24.00
PNT 67.14 45 eP 33 23.00 -0.6
SUF 67.91 334 iP 33 27.40 -0.7
0.5s 3.60nm 4.8mb
EDM 68.35 39 iPd 33 30.90 -0.2
NEW 69.10 45 eP 33 35.00 -0.8
NUR 69.90 332 iP 33 40.00 -0.4
0.6s 13.00nm 5.2mb
WDC 70.01 54 ePc 33 41.50 0.1
ORV 71.24 54 ePc 33 48.60 -0.3
GCC 72.31 57 eP 33 55.10 -0.2
FFC 72.75 33 iPc 33 57.20 -0.4
1.4s 45.00nm 5.3mb
JAS1 72.85 55 ePc 33 58.70 0.2
LRM 73.12 45 eP 34 00.30 0.0
PRS 73.12 57 ePc 34 00.30 0.2
LLA 73.24 57 ePc 34 01.00 0.2
BMN 73.46 52 eP 34 02.70 0.5
PRI 73.70 57 eP 34 03.90 0.3
FRI 73.84 56 eP 34 04.40 0.2
MNA 74.02 54 ePc 34 05.80 0.3
NB2 74.04 338 P 34 04.60 -0.5
1.3s 18.70nm 5.0mb
EUR 74.79 52 iP 34 10.30 0.2
0.5s 13.03nm 5.2mb
SYP 75.08 58 eP 34 12.00 0.3
ISA 75.42 56 eP 34 13.00 -0.5
CLC 75.91 56 eP 34 16.00 -0.3
FRB 76.04 14 eP 34 17.00 0.7
SBB 76.43 57 eP 34 18.00 -1.2
MWC 76.55 57 eP 34 20.00 0.0
BDW 76.62 46 eP 34 20.00 -0.4
1.1s 5.65nm 4.5mb
GSC 76.74 56 eP 34 21.00 0.1
PLM 77.86 57 eP 34 27.00 -0.3
TPC 77.95 56 eP 34 26.00 -1.6
BAR 78.39 58 eP 34 30.00 0.0
RSSD 78.81 42 eP 34 34.00 1.6
1.1s 10.47nm 4.8mb
KRA 79.16 326 eP 34 34.00 0.2
e 34 40.30
GLA 79.40 56 eP 34 36.00 0.5
GOL 81.02 46 eP 34 44.90 0.6
1.5s 11.01nm 4.7mb
GLD 81.07 46 eP 34 46.00 1.5
PRU 81.50 329 eP 34 52.30 6.0X
KHC 82.56 329 P 34 52.50 0.6
e 34 59.00
ALQ 83.54 51 eP 34 58.00 0.6
1.3s 31.25nm 5.3mb
VAY 84.25 319 eP 35 01.30 0.7
SKO 84.36 320 eP 35 02.00 0.9
OHR 85.32 320 eP 34 54.00 -12.0X
LTX 89.06 53 eP 35 24.90 0.4
1.0s 7.20nm 5.0mb
OTT 90.49 26 eP 35 31.00 0.3
JCT 90.67 50 eP 35 32.10 0.2
1.0s 9.00nm 5.0mb
ZOBO 145.62 60 iPKPc 42 08.60 -0.2
1.0s 12.50nm
LPB 145.82 61 iPKPc 42 10.20 1.3
1.1s 63.29nm
CNCB 146.09 61 iPKP 42 11.20 1.7
CCH 147.75 59 PKP 42 14.80 3.0X
TPZ 150.77 65 ePKP 42 20.00 3.5X
ITR 151.30 2 e(PKP) 42 23.00 6.0X
SOB1 151.59 7 ePKP 42 22.70 5.2X
S.D. = 0.8 on 63 of 71 obs.

• SEP 06, 1985 01h 40m 58.40± 0.79s
27.973 N ±11.9km 140.834 E ±14.5km
DEPTH = 33.0km (normal)
4.9mb (1 obs.)
BONIN ISLANDS REGION (212)

MAT 8.83 346 eP 43 06.00 -0.7
WRA 48.05 188 Pd 49 35.90 -0.7
0.6s 8.20nm 4.9mb
KKN 48.73 284 eP 49 43.00 0.8
0.7s 15.00nm 5.1mb X
DMN 48.92 283 eP 49 44.50 0.7
NDI 55.38 287 eP 50 31.00 -0.8
COL 57.14 29 eP 50 44.00 0.1
QUE 63.51 292 eP 51 28.00 -0.1
EUR 82.00 50 eP 53 17.50 0.6
S.D. = 0.8 on 8 of 8 obs.

• SEP 06, 1985 03h 56m 57.14± 0.51s
28.183 N ± 8.1km 140.715 E ± 9.8km
DEPTH = 33.0km (normal)
5.1mb (11 obs.)
BONIN ISLANDS REGION (212)

KYS 7.01 356 eP 58 38.70 -1.4
OYM 7.32 351 eP 58 44.80 0.3
SRY 7.50 351 eP 58 46.00 -1.0
TSK 8.02 356 eP 58 52.00 -2.3
MAT 8.60 346 iPd 59 05.40 3.1X
SHK 9.34 315 eP 59 15.00 2.5
BJI 23.43 307 eP 02 03.00 -1.1
WRA 48.24 188 Pd 05 34.80 -2.1
0.8s 38.80nm 5.5mb
PKI 48.52 283 eP 05 40.60 1.1
0.9s 38.00nm 5.4mb
KKN 48.58 283 eP 05 41.20 1.4
0.7s 34.00nm 5.5mb
DMN 48.77 283 eP 05 41.80 0.5
0.7s 30.00nm 5.4mb
ASPA 51.97 188 eP 06 03.00 -2.3
0.8s 12.00nm 4.9mb
NDI 55.22 287 eP 06 28.70 -0.6
COL 57.01 29 eP 06 42.00 0.3
0.8s 9.33nm 4.9mb
GBA 60.28 270 Pc 07 05.40 0.3
1.1s 8.30nm 4.8mb
KOD 61.70 267 eP 07 15.80 0.6
KJF 74.25 335 eP 08 32.00 -0.3
PNT 75.03 42 eP 08 38.00 0.8
SUF 75.65 334 iP 08 39.20 -1.2
0.6s 3.10nm 4.5mb
EDM 76.72 36 eP 08 47.00 0.3
NEW 76.98 42 eP 08 49.00 0.8
NUR 77.50 333 eP 08 50.00 -0.7
SES 79.39 38 ePc 09 02.20 0.8
LRM 80.96 43 ePc 09 11.50 1.4
EUR 81.94 50 iP 09 16.00 0.7
0.2s 10.61nm 5.5mb
NB2 82.12 338 P 09 14.40 -1.2
1.1s 7.40nm 4.6mb
BDW 84.34 44 eP 09 27.90 0.3
1.0s 2.00nm 4.2mb
ZOBO 150.87 72 iPKPc 16 49.50 6.2X
1.0s 5.00nm
LPB 151.02 73 PKP 16 44.20 0.9
CNCB 151.25 73 ePKP 16 45.00 1.1
TPZ 155.13 80 ePKP 17 02.00 13.1X
S.D. = 1.3 on 28 of 31 obs.

• SEP 06, 1985 04h 07m 47.26± 0.91s
21.062 S ±17.4km 178.189 W ±16.7km
DEPTH = 625.7 ± 12.6 km
4.1mb (6 obs.)
FIJI ISLANDS REGION (181)

VUN 3.76 324 eP 09 12.20 -1.2
MGO 4.36 318 iP 09 18.10 0.6
YSA 5.31 324 iPd 09 25.00 0.4
CTA 32.33 265 iPd 13 29.50 0.5
0.4s 11.02nm 4.8mb
WRA 43.42 263 Pc 14 58.30 -0.5
0.4s 1.90nm 3.9mb
SBA 57.24 184 e(P) 16 39.10 0.7
SPA 69.07 180 iPc 17 53.70 0.0
0.8s 9.17nm 4.3mb
EUR 84.29 44 eP 19 16.20 0.1
LTX 88.29 58 eP 19 35.50 0.4
0.8s 2.77nm 4.1mb
ALQ 88.62 52 eP 19 36.90 0.3
1.0s 3.25nm 4.1mb
BDW 90.13 44 eP 19 43.60 0.2
0.8s 1.17nm 3.9mb
SOB1 129.17 122 ePKP 25 46.40 -1.6
S.D. = 0.8 on 12 of 12 obs.

SEP 06, 1985 04h 32m 24.85± 0.55s
36.079 N ± 5.4km 120.100 W ± 4.7km
DEPTH = 10.0km (geophysicist)
CENTRAL CALIFORNIA (39)
ML 2.6 (BRK).

PHAM 0.34 225 eP 32 31.40 -0.5
PRI 0.46 278 iPc 32 35.60 1.3
iS 32 43.00
LLA 0.87 308 iPc 32 41.50 0.0
FRI 0.96 19 iPd 32 43.60 0.4

06d 04h

PRS 1.06 284 eP 32 43.80 -1.0
SAO 1.28 303 iPc 32 48.60 0.0
SLD 1.34 318 eP 32 49.00 -0.6
WKTM 1.38 101 eP 32 49.10 -1.0
BLP 1.54 189 eP 32 53.00 0.7
VPEM 1.86 93 eP 32 57.70 0.6
JAS1 1.86 352 ePc 32 57.20 0.1
eS 43 19.50
EUR 4.72 43 iP 33 58.50 18.5X
0.2s 1.40nm
S.D. = 0.8 on 11 of 12 obs.

& SEP 06, 1985 05h 22m 46.20s
32.544 N 106.940 W
DEPTH = 5.0km (geophysicist)
NEW MEXICO (496)
<GLD>. DUR 2.6 (GLD). Felt at
Leasburg and Radium Springs.

ALQ 2.43 9 eP 23 26.70 -0.7
TDM 3.59 266 P 23 52.50 8.8
S 24 39.90
LTX 4.26 138 eP 23 52.80 -0.5
3 obs. associated

? SEP 06, 1985 05h 39m 29.81±16.99s
24.726 N ±30.3km 123.815 E ±137.4km
DEPTH = 33.0km (normal)
SOUTHWESTERN RYUKYU ISLANDS (246)

TWC 1.79 267 iPc 39 59.50 0.6
eS 40 16.70
TWZ 2.06 281 iPc 40 02.50 -0.3
eS 40 22.50
TWD 2.12 253 iPc 40 03.50 -0.2
ANP 2.14 283 eP 40 04.00 0.1
TWG 3.15 234 iP 40 18.50 0.3
TWK 3.37 245 iPd 40 21.00 -0.5
S.D. = 0.5 on 6 of 6 obs.

* SEP 06, 1985 05h 54m 28.10± 0.80s
31.486 S ±10.8km 68.544 W ±12.9km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

RTMO 0.11 259 iPd 54 34.00 0.0
S 54 45.90
ZON 0.13 242 iPd 54 34.50 0.3
eS 54 45.00
RTLL 0.17 22 iPd 54 34.20 -0.3
S 54 46.00
CFA 0.29 115 ePd 54 36.00 0.2
S 54 49.60
RTCV 0.37 179 iP 54 36.60 -0.3
S 54 50.20
S.D. = 0.4 on 5 of 5 obs.

? SEP 06, 1985 07h 42m 08.12± 1.52s
14.105 S ±23.4km 78.301 W ±20.3km
DEPTH = 33.0km (normal)
NEAR COAST OF PERU (115)

ARE 5.20 117 eP 43 25.00 -1.0
iS 44 27.00
ZOBO 8.18 106 P 44 07.80 -0.3
0.8s 16.93nm 5.2mb X
LR 47 00.00
LPB 8.27 108 eP 44 09.00 -0.2
CNCB 8.46 110 iP 44 13.00 1.0
(S) 45 50.00
CCH 10.31 110 P 44 36.80 -0.4
TPZ 12.45 127 eP 45 07.00 0.7
PSO 15.23 356 eP 46 02.50 19.6X
BOG 18.74 7 eP 46 41.50 14.5X
ATB 26.08 68 e(P) 47 41.00 0.3
ALQ 56.55 330 e(P) 51 50.00 -0.2
EDM 74.21 338 eP 53 52.00 8.6X
S.D. = 0.8 on 8 of 11 obs.

SEP 06, 1985 08h 11m 05.53± 0.47s
21.462 S ± 6.3km 66.858 W ± 8.1km
DEPTH = 233.4 ± 7.8 km
4.7mb (1 obs.)
SOUTHERN BOLIVIA (125)

TPZ 1.06 90 iPd 11 40.10 0.2
(S) 12 05.00

HJA 2.20 143 iPd 11 49.20 0.3
S 12 21.00
TPL 3.18 258 iP 11 59.70 0.3
SLA 3.48 159 ePd 12 02.80 -0.3
S 12 47.20
ANT 3.97 235 eP 12 08.00 -0.8
iS 12 54.10
CNCB 4.75 347 iP 12 19.00 0.2
LPB 5.04 346 iPc 12 22.70 0.4
S 13 21.00
ZOBO 5.30 347 iPc 12 25.00 -0.8
1.0s 85.00nm 4.7mb
iS 13 28.00
VCA 7.35 189 ePd 12 52.00 0.7
VAO 18.48 98 eP 15 05.20 -1.4
ITR 30.15 70 eP 16 57.20 1.2
ALQ 67.53 325 eP 21 39.00 0.1
S.D. = 0.8 on 12 of 12 obs.

* SEP 06, 1985 09h 38m 46.07± 1.42s
9.590 S ± 8.3km 111.089 E ±10.4km
DEPTH = 79.2 ± 14.4 km
5.4mb (5 obs.)
SOUTH OF JAVA (282)

TRT 2.42 39 iPd 39 24.00 -0.2
MKS 9.38 63 iPd 41 03.00 2.4
NAU 13.56 162 eP 41 55.00 -1.3
0.2s 29.00nm 5.4mb
eS 44 14.00
KGM 13.89 326 eP 42 02.00 1.3
MBL 14.25 145 eP 42 03.00 -2.5
0.3s 28.00nm 5.0mb
eS 44 29.00
IPM 17.28 324 ePc 42 42.90 -0.9
AAI 17.97 72 eP 42 52.20 0.0
MEK 18.34 158 eP 42 58.00 1.2
0.4s 64.00nm 5.2mb
eS 46 08.00
MTN 19.92 101 eP 43 16.00 1.9
eS 46 48.00
MRWA 20.06 167 eP 43 21.00 5.5X
eS 46 53.00
KLB 22.75 165 eP 44 00.00 17.6X
eS 47 57.00
MUN 22.78 169 eP 43 58.00 15.4X
KLG 23.19 157 eP 44 02.00 15.3X
eS 48 04.00
NWAO 23.91 167 eP 44 11.00 17.4X
WRA 24.69 117 iPd 44 05.10 3.8X
eS 48 41.30
ASPA 25.90 126 eP 44 17.00 4.5X
0.7s 182.00nm 5.7mb
eS 49 08.00
KOD 38.82 300 eP 46 07.00 1.4
GBA 40.58 304 P 46 20.40 0.7
CD2 40.88 350 P 46 22.40 0.4
SSE 41.60 13 P 46 28.70 0.9
XAN 43.44 357 eP 46 41.40 -1.4
TIA 45.91 7 P 47 01.30 -1.2
LZH 45.94 352 eP 47 04.00 1.0
POO 46.16 307 iPc 47 05.50 0.7
0.7s 90.41nm 5.8mb
TIY 47.07 1 eP 47 09.80 -1.9
BJI 49.60 5 eP 47 30.00 -1.2
GTA 49.86 349 P 47 34.20 0.8
BTO 49.94 359 eP 47 33.00 -0.9
MAT 52.50 28 iPc 47 51.30 -2.0
CN2 54.72 13 Pc 48 07.50 -1.9
pP 48 27.60 80kmX
PcP 49 12.70
WMQ 57.25 340 P 48 27.20 -0.5
QUE 57.99 315 eP 48 32.70 -0.5
SBA 73.77 170 e(P) 50 29.90 16.9X
BNG 93.23 274 ePc 52 14.90 21.2X
1.0s 10.00nm
ALQ 137.45 48 e(PKP) 58 09.00 5.8X
TUL 144.17 39 ePKP 58 15.90 1.1
0.7s 8.40nm
RLO 144.47 38 iPKP 58 16.70 1.4
JCT 144.50 50 ePKP 58 18.00 2.4X
1.0s 10.00nm
ITR 144.59 240 ePKP 58 19.70 3.6X
BHO 145.73 40 ePKPc 58 21.30 3.8X
FVM 145.73 31 ePKP 58 18.70 1.3
0.4s 10.40nm
SOB1 146.43 237 e(PKP) 58 07.00 -12.2X
e 58 43.90
SOB1 146.43 237 ePKP 58 24.70 5.1X
e 58 43.90
TPZ 148.98 186 ePKP 58 36.00 12.5X
S.D. = 1.4 on 28 of 44 obs.

* SEP 06, 1985 10h 20m 09.80± 0.93s
21.317 S ±12.2km 178.972 W ±18.3km
DEPTH = 550.0 ± 11.1 km
4.4mb (3 obs.)
FIJI ISLANDS REGION (181)

SVA 4.00 322 iPd 21 32.00 -0.3
VUN 4.08 323 eP 21 31.80 -1.1
SGE 4.73 321 iPd 21 39.20 1.0
YSA 5.64 324 eP 21 46.50 0.6
NOU 13.58 263 iPd 23 08.50 3.8X
KRP 17.22 195 P 23 41.00 0.6
TCW 20.64 195 P 24 11.00 -1.7
eS 27 31.00
CAN 31.30 237 eP 25 47.40 0.6
YOU 31.49 239 eP 25 49.20 0.9
WAM 31.87 235 eP 25 50.70 0.9
WRA 43.59 263 eP 27 26.80 -0.5
MBL 56.70 258 iPc 29 03.00 -0.5
0.4s 8.00nm 4.4mb
MEK 56.86 251 eP 29 03.00 -1.6
SBA 57.00 184 eP 29 05.40 0.6
0.8s 11.94nm 4.3mb
SPA 88.81 180 iP 30 21.00 0.3
0.8s 24.58nm 4.8mb
COL 89.23 13 eP 32 07.60 0.0
KHC 150.50 343 ePKP 39 02.30 7.9X
S.D. = 1.0 on 15 of 17 obs.

SEP 06, 1985 12h 03m 45.52± 0.92s
23.330 N ± 6.7km 121.895 E ±10.6km
DEPTH = 33.0km (normal)
3.6mb (1 obs.)
TAIWAN (244)

TWF1 0.55 272 iPd 03 56.50 -0.4
TWD 0.80 340 iPc 03 59.50 -0.8
TWG 0.91 236 iPd 04 02.50 0.5
TWC 1.27 358 iPd 04 07.20 0.1
eS 04 22.50
TWK 1.30 268 iPd 04 07.50 0.0
eS 04 22.50
TATO 1.68 347 e(P) 04 12.70 -0.3
eS 04 31.00
TWZ 1.78 351 eP 04 14.50 0.0
ANP 1.88 349 eP 04 17.00 1.0
WRA 44.69 163 P 11 57.00 -0.3
0.5s 0.50nm 3.6mb
S.D. = 0.6 on 9 of 9 obs.

? SEP 06, 1985 12h 14m 41.40± 4.90s
24.729 N ± 8.4km 122.042 E ±41.8km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC 0.21 236 iPc 14 46.50 0.5
TWZ 0.56 311 iPc 14 52.50 -0.2
TATO 0.56 296 iPc 14 52.00 -0.7
eS 14 55.80
ANP 0.66 314 eP 14 55.30 0.8
TWD 0.76 212 iPc 14 56.00 -0.3
S.D. = 0.9 on 5 of 5 obs.

? SEP 06, 1985 12h 52m 09.96± 8.18s
43.105 N ±44.7km 2.609 E ±61.8km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.6 (LDG).

EPF 1.66 268 Pg 52 39.20 -0.1
Sg 53 00.20
CAF 1.86 348 Pg 52 41.60 -0.6
Sg 53 02.40
LPO 1.88 327 Pg 52 41.80 -0.7
Sg 53 03.50
LFF 2.28 324 Pg 52 48.20 0.1
Sg 53 14.50
RJF 2.34 341 Pg 52 49.60 0.6
Sg 53 16.90
BGF 3.46 3 Pg 53 11.80 6.9X
Sg 53 55.60

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

? SEP 06, 1985 13h 17m 15.84± 2.57s
16.015 N ±21.5km 98.242 W ±14.8km
DEPTH = 5.0km (geophysicist)
NEAR COAST OF GUERRERO, MEXICO (58)

PIO	0.39	16	iP	17	23.50	-0.2
			iS	17	30.50	
III	2.62	334	iP	17	58.50	-1.3
			iS	18	28.00	
PBJ	2.76	81	iP	18	01.50	0.0
			iS	18	32.50	
TPM	3.05	34	iP	18	05.00	-0.8
IIP	3.38	349	eP	18	12.00	1.4
			i	18	48.00	
TAC	3.49	345	iP	18	18.00	5.8X
OXM	3.54	337	eP	18	14.00	1.0
IIC	3.86	346	eP	18	22.50	5.1X

S.D. = 1.4 on 6 of 8 obs.

SEP 06, 1985 17h 18m 57.59± 0.58s
43.151 N ± 5.4km 110.935 W ± 5.9km
DEPTH = 5.0km (geophysicist)
WYOMING (460)
ML 3.6 (NEIS).

TMI	0.74	282	eP	19	12.20	-0.1
IMW	0.75	360	iPc	19	10.80	-1.7
BDW	1.07	110	eP	19	17.40	-1.0
HPI	1.67	290	eP	19	27.50	-0.4
CCMT	2.25	322	iPnc	19	37.30	1.1
DAU	2.75	185	eP	19	43.80	0.3
LCCM	2.77	346	ePn	19	45.40	1.8X
LRM	2.88	338	ePnd	19	47.40	2.1X
SXM	3.00	356	ePn	19	50.60	3.7X
BUT	3.09	338	ePg	19	53.80	5.7X
			eSg	20	32.60	
DUG	3.27	206	eP	19	50.70	0.0
HRY	3.62	350	ePn	19	58.50	3.0X
MSU	4.73	192	eP	20	11.00	-0.5
RSSD	5.10	77	eP	20	18.30	1.6
EUR	5.27	228	e(P)	20	19.00	-0.2
NEW	6.70	322	eP	20	40.00	0.9

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

? SEP 06, 1985 18h 19m 21.80± 2.54s
17.101 N ±12.9km 119.677 E ±26.7km
DEPTH = 10.0km (geophysicist)
PHILIPPINE ISLANDS REGION (248)
Felt (I RF) at Baguio.

BAG	1.10	128	iPc+	19	41.80	-0.8
PIP	1.51	36	iPc	19	48.00	-0.9
			eS	20	02.00	
CVP	2.13	73	ePc	19	59.20	1.3
			eS	20	35.00	
MAN	2.78	151	eP	20	11.00	3.9X
			eS	20	32.40	
OCP	2.80	151	iP	20	13.00	5.6X
BJI	23.06	353	eP	24	37.00	8.7X
WRA	39.53	158	eP	26	55.20	0.5

S.D. = 1.8 on 4 of 7 obs.

% SEP 06, 1985 20h 17m 09.91± 0.76s
31.504 S ±11.1km 68.598 W ±10.5km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

RTMO	0.06	26?	iPd	17	16.10	0.5
RTCB	0.17	276	iPd	17	16.10	-0.3
			S	17	27.90	
RTLL	0.21	32	iPd	17	16.50	-0.1
			S	17	28.30	
CFA	0.32	109	ePd	17	18.10	0.1
			S	17	31.00	
RTCV	0.36	172	iPd	17	18.40	-0.1
			(S)	17	31.80	

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

SEP 06, 1985 22h 17m 02.86± 0.30s
35.809 N ± 5.3km 93.118 W ± 2.5km
DEPTH = 10.0km (geophysicist)
ARKANSAS (502)
mbLg 3.6 (NEIS), 3.8 (TUL). Felt (V) at Deer, Green Forest, Kingston, Nail, Ozone and Pyatt. Felt (IV) at Boss, Bruno, Everton, Hasty, Huntsville, Jasper, Mount Judea, Parthenon, Saint Paul, Tilly, Western Grove and Vendor. Felt throughout much of northwestern Arkansas.

HOGG	0.93	129	P	17	20.10	-0.4
OLY	1.38	102	iPd	17	27.90	-0.2
RLO	1.59	284	iPnd	17	31.30	0.2
POW	1.60	77	iP	17	31.60	0.3
BHO	2.02	226	ePn	17	38.40	1.0
WLA	2.06	107	P	17	38.80	0.9
TUL	2.17	273	iPnd	17	39.60	0.0
STAR	2.21	150	P	17	40.20	0.1
LGAR	2.32	119	P	17	42.00	0.3
SIO	2.59	270	iPnd	17	45.50	-0.1
PGM	2.81	118	P	17	48.00	-0.6
DMV	2.87	71	P	17	54.20	4.7X
NKT	2.90	88	P	17	49.60	-0.3
DON	2.91	61	P	17	50.80	0.8
LTN	2.95	84	P	17	51.20	0.6
GRT	3.03	80	eP	17	51.30	-0.4
FVM	3.06	44	eP	17	52.80	0.6
PCO	3.25	287	ePn	17	54.50	-0.3
CRU	3.41	75	P	17	57.20	0.1
ELC	3.46	64	eP	17	57.60	-0.3
OCO	3.56	267	eP	17	59.70	0.4
WCK	3.60	71	P	17	59.60	-0.3
PWLA	4.21	100	eP	18	07.00	-1.5
ACO	4.95	282	ePn	18	17.70	-1.4
RSCP	6.13	90	e(P)	18	33.30	-2.4X
ALQ	10.93	269	eP	19	46.00	3.5X
LTX	10.99	237	eP	19	38.50	-4.8X
RSON	15.05	359	e(P)	20	31.80	-5.3X

S.D. = 0.7 on 23 of 28 obs.

SEP 07, 1985 00h 22m 01.57± 0.56s
3.079 S ± 4.0km 130.348 E ± 4.2km
DEPTH = 26.3 ± 4.0 km
5.6mb (31 obs.) 5.6Msz (9 obs.)
CERAM (272)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 27C
Centroid Location:
Origin Time 00:22: 2.7 0.4
Lat 3.08S 0.04 Lon 130.27E 0.05
Dep 34.8 2.8 Half-duration 2.8
Moment Tensor; Scale 10**24 D-CM
Mrr= 2.36 0.11 Mtt=-1.88 0.21
Mff=-0.48 0.28 Mrt=-2.79 0.25
Mrf= 2.93 0.28 Mtf= 2.24 0.10
Principal Axes:

	Val=	Plg=	Azm=
T	4.49	62	239
N	1.06	8	134
P	-5.55	27	39

Best Double Couple:Mo=5.0**10**24
NP1:Strike=109 Dip=20 Slip= 64
NP2: 316 72 99

AAI	2.23	254	ePd	22	39.90	2.3
MTN	9.74	175	eP	24	19.00	-4.1X
			eS	26	00.00	
JAY	10.36	87	ePc	24	28.50	-3.2X
	0.6s	100.40nm			6.3mb	
			eS	26	37.00	
TZZ	11.06	102	iPd	24	38.60	-2.7
DAV	11.17	335	eP	24	47.00	4.3X
KNA	12.69	187	eP	24	58.00	-5.2X
			eS	27	16.00	
CGP	12.77	334	iPd	25	04.00	-0.3
			iS	25	17.00	
WEW	13.26	92	eP	25	09.00	-1.8
BKB	13.54	277	iPc	25	18.50	4.0X
	0.7s	443.60nm			6.5mb	
MDG	15.54	98	eP	25	44.00	3.3X
WRA	17.21	167	eP	25	55.20	-6.7X
			i	26	02.70	
			iS	29	00.30	
PPR	17.23	318	ePd	26	05.50	3.3X
PMG	17.84	111	iPc	26	09.20	-0.6
	0.8s	238.81nm			5.4mb	
TRT	18.22	255	iPc	26	13.50	-0.9
	1.1s	257.10nm			5.3mb	
			eS	29	49.00	
ISQ	19.69	154	eP	26	30.00	-2.0
	0.8s	335.00nm			5.7mb	
QCP	19.85	333	eP	26	34.00	0.3
MAN	19.87	333	iPc	26	33.80	-0.1
KVG	20.43	89	iPc	26	40.20	0.5
MBL	20.68	209	eP	26	38.30	-4.0X
	0.3s	25.00nm			5.1mb	
ASPA	20.75	171	eP	26	40.00	-3.1X
			e(S)	30	28.00	
ALOA	21.13	111	iPc	26	47.80	0.9
BAG	21.64	334	eP	26	52.00	-0.2
			eS	30	53.00	
GUA	21.94	41	eP-	26	54.70	-0.4
	0.7s	400.00nm			6.0mb	
			eS	31	00.00	
GUMO	21.95	41	eP	26	54.50	-0.6
	1.5s	1108.11nm			6.1mb	
PJG	21.95	41	eP	26	54.70	-0.4
CVP	22.30	338	ePc	27	01.50	2.9X
	1.0s	198.00nm			5.5mb	
CTA	22.95	139	iPd	27	05.90	0.8
			iS	31	12.00	
NAU	24.12	215	eP	27	13.90	-2.5
	0.5s	55.00nm			5.4mb	
MEK	25.99	205	eP	27	32.20	-2.0
KGM	27.49	280	ePd	27	48.90	0.9
	0.9s	106.90nm			5.5mb	
RMO	29.21	145	eP	28	03.00	-0.4
ANP	29.37	344	eP	28	05.00	0.0
HKC	29.77	329	eP	28	15.00	6.6X
			eS	33	09.00	
QIZ	29.83	318	eP	28	08.60	-0.4
			S	33	06.00	
			ScS	38	41.00	
PPI	30.05	274	iPd	28	11.00	0.0
	0.7s	184.50nm			6.0mb	
HNR	30.08	103	e(P)	28	08.00	-3.3X
			eS	33	02.00	
QZH	30.10	338	eP	28	12.00	0.6
			S	33	05.00	
BAL	30.27	204	eP	28	10.90	-1.9
	0.5s	22.00nm			5.2mb	
IPM	30.27	284	ePd	28	11.10	-1.9
	0.9s	170.70nm			5.9mb	
			e	28	39.00	
STK	30.54	161	eP	28	13.00	-2.2
KLB	30.74	201	eP	28	14.00	-3.0X
	0.5s	67.00nm			5.7mb	
GZH	30.85	328	P	28	18.00	0.1
			S	33	25.00	
CMS	31.80	154	eP	28	25.00	-1.3
PSI	31.93	280	iPd	28	26.50	-1.1
	0.6s	121.90nm			6.0mb	
NWAO	32.14	201	eP	28	27.00	-2.2
BRS	32.31	141	iPd	28	30.90	0.1
			iS	30	43.00	
TSI	32.43	281	e(P)	28	33.00	1.0
RKG	33.25	200	eP	28	41.50	2.6X
	0.6s	48.00nm			5.6mb	
COO	34.10	146	eP	28	47.00	0.6
NNT	34.16	298	eP	28	48.20	1.2
SSE	35.09	346	P-	28	52.00	-2.7
	8.0s	0.90nm			2.8mb X	
			S	34	08.00	
NST	35.22	303	iP	28	56.40	0.3
BFD	35.74	163	iPd	29	08.00	7.8X
			e	30	04.00	
			e	30	12.00	
KHT	36.12	300	eP	29	05.00	1.3
RIV	36.24	150	eP	29	06.00	1.6
			eS	34	44.00	
			e	41	56.00	
CAN	36.45	154	eP	29	05.70	-0.6
			i	29	10.00	
NJ2	36.60	344	Pc	29	07.20	-0.3
			S	34	43.00	
WHN	36.76	337	P	29	09.80	1.0
			S	34	50.00	
BDT	36.94	304	iPc	29	08.80	-1.7
	0.8s	93.40nm			5.7mb	
TOO	37.03	160	eP	29	12.00	0.8
WAM	37.13	155	eP	29	11.70	-0.2
			i	29	16.00	
GYA	37.24	323	Pc	29	13.60	0.5
			S	35	00.00	
KOU	37.35	120	iPc	29	13.70	-0.2
SHK	37.47	3	ePc	29	14.60	-0.2
CHG	37.79	306	iPc	29	18.60	0.8

07d 00h

	1.1s	120.89nm		5.6mb		
		eS	35	14.00		
KMI	38.78	318 iPc	29	27.50	1.3	
	N 16s	3.50um				
		pP	29	39.50	44kmX	
		PP	31	04.00		
		S	35	24.00		
		iS	35	28.00		
		eS	35	52.50		
		SS	38	24.00		
DDR	39.74	11 eP	29	33.40	-0.5	
NOU	39.89	122 iPc	29	34.90	-0.3	
PVC	39.96	114 iPd	29	37.60	1.8	
MAT	40.09	10 iPd	29	34.30	-2.4	
	0.8s	134.33nm		5.7mb		
		eS	35	35.00		
TSK	40.14	12 eP	29	35.10	-1.9	
TIA	40.99	344 Pd	29	43.80	-0.3	
XAN	42.08	333 P	29	52.00	-1.1	
		S	36	05.50		
CD2	42.25	325 P	29	54.30	-0.2	
TIY	43.86	339 eP	30	07.00	-0.5	
BJI	44.84	345 eP	30	14.00	-1.3	
		eS	36	44.00		
		esS	37	17.00		
		eSS	40	04.00		
SNY	45.12	353 eP	30	16.40	-1.1	
		S	36	56.50		
LZH	46.17	330 eP	30	27.00	0.9	
	E 14s	3.40um				
		S	37	16.00		
CN2	46.87	355 iPc	30	30.30	-1.1	
		pP	30	36.20	20kmX	
		sP	30	39.00		
		eS	37	15.00		
HHC	46.97	349 eP	30	32.00	-0.3	
		pP	30	36.50	15kmX	
BTO	47.28	339 eP	30	35.00	0.2	
MDJ	47.49	359 Pc	30	36.80	0.6	
		sP	30	44.00		
		PcS	36	03.00		
		S	37	28.00		
		ScS	40	28.00		
LSA	49.68	314 eP	30	52.00	-2.0	
GTA	50.78	329 P	31	01.80	0.1	
		S	38	13.00		
PKI	52.92	308 iP	31	17.20	-1.3	
KKN	53.12	308 iP	31	18.80	-1.0	
DMN	53.18	308 iP	31	19.60	-0.7	
KOD	54.29	285 eP	31	27.00	-1.6	
		eS	39	04.00		
TCW	54.72	140 P	31	30.60	-0.4	
HYB	54.99	294 eP	31	31.50	-1.9	
	1.0s	100.00nm		5.8mb		
GBA	55.04	289 P	31	32.00	-1.7	
GNZ	55.96	136 P	31	40.80	0.7	
POO	59.60	293 iPd	32	04.80	-1.2	
	0.9s	42.02nm		5.6mb		
		iS	40	13.00		
NDI	59.94	306 iPc	32	05.20	-3.0X	
	0.8s	58.21nm		5.8mb		
WMO	60.34	326 Pd	32	10.50	-0.3	
		S	40	24.80		
		ScS	42	00.00		
DRV	63.83	176 eP	32	32.00	-1.5	
KSH	65.38	316 P	32	46.00	1.7	
		S	41	30.00		
QUE	68.87	304 eP	33	06.50	-0.1	
	1.0s	550.00nm		6.6mb		
		eS	42	11.00		
SBA	77.15	173 eP	33	54.50	0.4	
	0.9s	9.24nm		4.8mb		
	Z 18s	5.36um		5.9Msz		
MAW	78.71	201 eP	34	03.00	0.2	
AVY	82.03	251 ePd	34	22.00	0.3	
KER	86.14	305 ePc	34	42.50	0.3	
SPA	86.94	180 eP	34	45.40	-0.1	
	0.7s	19.14nm		5.4mb		
SYO	87.45	201 eP	34	47.70	0.0	
BHD	88.29	303 ePd	34	54.00	1.6	
		e	45	24.00		
		e	45	40.50		
COL	89.31	25 eP	34	56.20	-0.4	
MSL	89.55	306 eP	35	01.25	2.9X	
NAI	93.47	269 eP	35	20.00	2.8X	
	1.3s	44.23nm		5.7mb		
INK	95.12	22 eP	35	23.00	-0.3	
KEV	97.48	340 iP	35	42.00	8.0X	
	0.8s	19.10nm		5.7mb		
		eSKS	46	08.00		
		eS	46	56.00		
		ePS	48	24.00		
		eSS	53	40.00		
SOD	98.10	338 eP	35	35.00	-1.8	
KJF	98.25	334 eP	35	39.00	1.4	
	Z 16s	1.70um		5.6MszX		
		eSKS	46	12.00		
		eS	47	04.00		
		LR	22	40.00		
SUF	99.22	333 eP	35	44.00	2.0	
KRI	99.37	252 eP	35	45.00	1.3	
SEK	99.71	241 eP	35	47.00	1.8	
	1.0s	6.00nm		5.1mb		
BUL	99.94	249 eP	35	49.60	3.3X	
BFS	100.67	242 ePdiff	35	50.50	0.9	
BLF	100.83	240 ePdiff	35	46.00	-4.3X	
MLR	102.28	316 ePdiff	36	00.50	4.2X	
VAY	105.35	312 ePdiff	36	09.00	-0.9	
KRA	105.38	321 ePKP	40	32.40	8.7X	
HFS	105.69	332 (Pdiff	36	07.90	-3.0X	
	0.8s	2.90nm		5.3mb		
	Z 18s	1.39um		5.5Msz		
		LR	21	54.00		
SKO	106.07	313 ePKP	40	35.00	9.7X	
	Z 18s	0.90um		5.4Msz		
	N 18s	0.70um				
	E 17s	0.70um				
NAO	106.71	334 Pdiff	36	17.60	2.1	
	0.8s	4.40nm		5.5mb		
EDM	107.98	35 ePKP	40	30.50	1.9	
KHC	109.61	321 PKP	40	32.00	0.2	
	N 20s	0.50um				
	E 20s	0.50um				
EUR	110.13	49 iPKP	40	35.80	2.5X	
	0.5s	0.67nm				
BNG	111.95	274 iPKPc	40	39.10	1.9	
	0.8s	7.00nm				
		id	41	07.00		
		id	41	37.70		
BDW	113.87	44 e(PKP)	40	41.00	0.6	
	0.8s	1.31nm				
BSF	114.29	322 ePKP	40	40.40	-0.5	
HAU	114.49	322 ePKP	40	40.80	-0.3	
DOU	114.62	325 PKP	40	40.20	-1.0	
		e	51	30.00		
		e	55	27.00		
LPG	115.25	320 ePKP	40	42.90	-0.1	
LOR	116.33	322 ePKP	40	44.90	0.3	
LBF	116.38	322 ePKP	40	45.00	0.2	
SMF	116.61	322 ePKP	40	45.80	0.6	
SSF	116.63	322 ePKP	40	45.60	0.4	
AVF	116.85	322 ePKP	40	45.10	-0.5	
RSSD	117.12	41 ePKP	40	47.30	0.8	
	1.0s	8.50nm				
BGF	117.27	322 ePKP	40	46.60	0.2	
TCF	117.78	322 ePKP	40	47.90	0.5	
GOL	117.90	46 ePKP	40	49.50	1.3	
	0.9s	4.17nm				
	Z 19s	0.94um		5.4Msz		
FRB	117.90	9 ePKP	40	48.00	1.0	
LSF	118.22	322 ePKP	40	48.30	0.1	
ALQ	118.66	52 ePKP	40	50.00	0.3	
	Z 20s	1.60um		5.6Msz		
LPF	118.86	325 ePKP	40	49.90	0.5	
MFF	119.06	323 ePKP	40	49.90	0.1	
LPO	119.16	321 ePKP	40	48.50	-1.6	
LFF	119.33	321 ePKP	40	49.30	-1.1	
RSON	119.75	31 ePKP	40	52.20	1.2	
	1.2s	11.03nm				
LTX	122.57	57 ePKP	40	57.90	-0.2	
	1.1s	3.29nm				
	Z 21s	1.65um		5.7Msz		
JCT	125.40	54 iPKP	41	03.50	0.9	
	0.8s	22.39nm				
	Z 22s	2.41um		5.8Msz		
TUL	126.36	47 ePKP	41	05.70	1.5	
	1.0s	22.50nm				
RLO	126.80	46 ePKP	41	05.00	-0.1	
BHO	127.72	48 e(PKP)	41	08.80	2.0	
IFR	128.62	311 iPKP	41	10.50	1.7	
FVM	129.07	42 ePKP	41	11.00	1.7	
	1.1s	21.95nm				
KIC	135.14	276 ePKP	41	23.40	1.9	
UPA	149.72	77 ePKPc+	41	56.00	9.2X	
	1.0s	62.00nm				
	Z 21s	1.15um		5.6Msz		
		e	05	45.00		
YJA	150.51	149 ePKP	41	51.80	3.4X	
ARE	150.97	133 ePKP	41	56.00	7.0X	
TPZ	150.98	148 PKP	41	52.40	3.4X	
		i	41	59.00		
PSO	152.28	93 ePKP	41	54.50	3.3X	
CNCB	153.20	138 iPKP	41	57.20	4.7X	
		i	42	03.00		
LPB	153.32	137 PKP	41	57.50	5.0X	
	1.1s	75.95nm				
	Z 21s	1.08um		5.6Msz		
		SS	05	27.00		
		LR	36	10.00		
ZOBO	153.49	137 PKP	41	56.20	3.2X	
		LR	36	10.00		
BMA	153.83	192 e(PKP)	41	57.00	4.4X	
BMA	153.83	192 ePKP	42	05.40	12.8X	
VAO	153.95	186 e(PKP)	41	56.00	3.2X	
SJG	157.99	46 ePKP	42	02.00	3.9X	
CAR	161.34	66 ePKP	42	06.80	4.9X	
ITR	163.76	223 ePKP	42	04.30	0.1	
		e	42	57.00		
SOB1	164.99	215 ePKP	42	03.50	-1.9	
ATB	173.17	158 PKPc	42	11.00	0.8	
	S.D. = 1.2	on 134 of 174 obs.				

SEP 07, 1985 02h 18m 37.42± 1.53s
32.855 S ± 4.7km 71.783 W ±13.6km
DEPTH = 10.2 ± 3.6 km
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.66	100 iPd	18	50.70	0.0	
PEL	0.97	108 iP	18	56.00	0.2	
		iS	19	09.30		
JACH	1.02	81 iPc	18	55.60	-1.1	
TACH	1.07	139 iPc	18	57.50	0.0	
		iS	19	12.20		
LNV	1.14	164 iPd	18	58.10	-0.6	
		iS	19	14.00		
BACH	1.19	115 iPd	18	59.20	-0.5	
PCH	1.31	126 iPc	19	01.30	-0.4	
		iS	19	19.50		
CHCH	1.43	139 eP	19	04.00	0.5	
MDZ	2.47	91 eP	19	22.00	3.6X	
		iS	19	54.30		
RTCB	2.87	62 ePc	19	24.10	-0.1	
		S	20	06.00		
RTCV	2.92	71 ePd	19	25.60	0.8	
		(S)	20	08.20		
ZON	2.94	64 eP	19	26.00	1.0	
		eS	20	09.00		
RTMO	2.96	64 e(P)	19	28.20	2.8X	
RTLL	3.20	62 ePc	19	28.70	0.0	
		S	20	14.20		
CFA	3.25	68 ePc	19	28.90	-0.6	
		S	20	15.20		
RFA	3.36	126 eP	19	31.70	0.7	
VCA	5.13	38 e(P)	19	55.00	-1.2	
		S	21	02.50		
SLA	9.79	36 e(P)	21	02.00	0.5	
	S.D. = 0.7	on 16 of 18 obs.				

? SEP 07, 1985 02h 41m 04.03± 3.89s
37.824 N ±32.8km 20.913 E ±21.0km
DEPTH = 10.0km (geophysicist)
IONIAN SEA (399)
ML 3.5 (ATH).

VLS	0.44	324 ePg	41	13.00	0.1	
		eSg	41	23.50		
ATH	2.22	85 ePn	41	41.50	0.0	
KZN	2.57	15 ePg	41	48.00	1.6	
OHR	3.28	359 ePn	41	56.00	-0.6	
VAY	3.72	20 ePn	42	01.60	-1.1	
SKO	4.16	5 ePn	42	15.00	6.0X	
	S.D. = 1.4	on 5 of 6 obs.				

* SEP 07, 1985 03h 14m 49.59± 0.73s
36.546 N ±13.4km 71.171 E ±16.7km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

NDI	9.35	145 eP	17	06.50	1.4	
		iS	18	39.50		

DMN 14.78 123 eP 18 18.60 0.3
0.5s 33.00nm 5.0mb X
KKN 14.78 127 eP 18 18.10 -0.2
0.7s 35.00nm 4.9mb X
PKI 15.01 123 eP 18 21.40 0.1
HYB 20.14 159 eP 19 21.50 -2.3
SHL 20.80 116 eP 19 30.60 -0.2
GBA 23.53 165 Pd 19 58.40 0.8
1.0s 6.90nm 4.1mb
SUF 37.96 328 iP 22 06.50 1.0
NAO 44.59 323 P 23 00.00 -0.1
0.8s 3.20nm 4.2mb
INK 73.84 9 eP 26 22.00 -0.2
COL 74.39 16 eP 26 24.70 -0.8
S.D. = 1.1 on 11 of 11 obs.

SEP 07, 1985 03h 47m 29.20± 0.31s
43.156 N ± 3.2km 110.724 W ± 4.3km
DEPTH = 5.0km (geophysicist)
4.6mb (8 obs.)
WYOMING (460)
ML 4.6 (NLIS). Felt (V) at Alpine, (IV) at Wilson and (III) at Bondurant. Also felt (IV) at Victor and Irwin, Idaho and (III) at Palisades, Swan Valley and Wayan, Idaho. Felt at Moose and Jackson, Wyoming. The earthquake triggered a rock slide in the Snake River Canyon south of Jackson, temporarily closing U.S. Highway 89.

IMW 0.76 348 iPc 47 43.30 -1.3
TMI 0.89 280 iP 47 44.80 -2.0
BDW 0.93 114 iPc 47 48.30 0.7
HPI 1.82 289 iPd 48 00.20 -1.4
CCMT 2.34 319 iPnc 48 09.20 0.0
DAU 2.77 188 eP 48 15.80 0.4
LCCM 2.81 347 ePn 48 15.90 0.2
LRM 2.94 336 iPnc 48 17.70 0.0
SXM 3.01 354 ePn 48 19.70 1.0
BUT 3.14 336 ePn 48 22.40 1.9X
ePg 48 28.60
eSn 49 01.10
eSg 49 06.50
DUG 3.35 209 eP 48 23.00 -0.4
HRY 3.64 348 ePn 48 28.80 1.3
MSU 4.77 194 eP 48 43.30 -0.4
RSSD 4.95 76 eP 48 46.30 0.1
GOL 5.30 129 eP 48 52.20 1.0
GLD 5.35 128 e(P) 48 52.80 0.9
EUR 5.39 229 iP 48 51.20 -1.3
0.2s 30.14nm 5.6mb
CLX 5.92 330 eP 49 00.00 0.2
eS 50 30.30
LHD 6.12 328 eP 49 03.50 0.9
iS 50 41.00
MFW 6.14 297 eP 49 03.50 0.8
LDM 6.19 330 eP 49 04.30 0.8
iS 50 39.40
RXF 6.48 333 eP 49 08.70 1.0
iS 50 47.40
YKM 6.68 330 eP 49 12.00 1.5
iS 51 00.00
NEW 6.79 321 eP 49 09.80 -2.2
SES 7.25 358 eP 49 18.00 -0.3
PNT 8.71 318 eP 49 39.00 0.2
CWC 8.77 223 eP 49 42.00 2.2X
ALO 8.85 157 eP 49 38.50 -2.3
1.0s 13.75nm 5.3mb
CLC 9.05 218 eP 49 44.00 0.5
e 50 30.00
e 52 16.00
GSC 9.15 213 eP 49 46.00 1.1
ISA 9.58 221 eP 49 53.00 2.1X
SBB 10.10 216 eP 50 00.00 2.0X
e 52 37.00
EDM 10.22 351 eP 49 58.00 -1.6
RVR 10.52 212 eP 50 07.00 3.3X
GLA 10.59 199 eP 50 05.00 0.3
MWC 10.60 215 eP 50 08.00 3.1X
TDM 10.90 182 P 50 06.50 -2.5X
PLM 10.91 208 eP 50 11.00 1.8
FFC 12.91 23 eP 50 34.00 -2.0
TUL 13.60 117 eP 50 45.10 0.0
0.7s 7.40nm 4.8mb

RSON 13.92 50 eP 50 47.00 -2.3X
0.9s 6.72nm 4.5mb
RLO 13.95 115 eP 50 48.20 -1.6
LTX 14.91 155 eP 51 02.00 -0.5
1.1s 3.06nm 3.7mb
BHO 15.14 120 e(P) 51 04.20 -1.1
JCT 15.36 142 iP 51 10.00 1.7
1.1s 22.15nm 4.4mb
LHC 15.85 63 eP 51 10.00 -4.5X
RSNT 19.49 355 eP 52 00.00 0.3
1.2s 62.07nm 4.8mb
YKA 19.51 355 eP 52 01.30 1.4
INK 27.93 342 eP 53 10.00 -11.9X
COL 30.06 329 eP 53 41.70 0.6
FBA 30.06 329 eP 53 42.00 0.9
NAO 66.02 27 P 58 17.40 -1.1
0.7s 2.60nm 4.5mb
S.D. = 1.2 on 42 of 52 obs.

SEP 07, 1985 04h 40m 30.06± 0.46s
3.136 S ± 3.3km 130.279 E ± 3.8km
DEPTH = 24.3 ± 3.3 km
5.5mb (20 obs.) 5.4Msz (5 obs.)
CERAM (272)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 24C
Centroid Location:
Origin Time 04:40:33.6 0.4
Lat 3.27S 0.03 Lon 130.22E 0.05
Dep 46.0 FIX Half-duration 2.3
Moment Tensor; Scale 10**24 D-CM
Mrr= 2.25 0.12 Mtt=-1.65 0.21
Mff=-0.60 0.28 Mrt=-1.07 0.16
Mrf= 3.45 0.18 Mtf= 1.82 0.11
Principal Axes:
T Val= 4.56 Plg=56 Azm=272
N -0.08 21 149
P -4.48 26 48
Best Double Couple:Mo=4.5*10**24
NP1:Strike=100 Dip=26 Slip= 38
NP2: 335 74 111

AAI 2.15 255 iPc 41 08.70 3.6
MTN 9.68 175 eP 42 49.00 -2.0
JAY 10.43 87 ePd 43 00.50 -0.8
TZZ 11.12 101 eP 43 08.30 -2.4
DAV 11.19 335 eP 43 10.00 -1.6
eS 45 18.00
KNA 12.62 187 eP 43 27.00 -4.0X
CGP 12.79 334 iPd 43 33.00 -0.2
1.5s 368.00nm 6.3mb
WEW 13.33 92 eP 43 49.00 8.6X
BKB 13.48 278 iPc 43 46.50 4.1X
MDG 15.60 98 eP 44 17.00 6.9X
KKM 16.75 303 ePc 44 24.20 -0.7
LAT 17.02 102 eP 44 32.00 3.8X
MOM 17.14 87 eP 44 32.00 2.3
WRA 17.17 167 eP 44 24.50 -5.6X
i 44 28.40
PPR 17.23 318 ePc 44 35.00 4.2X
TRT 18.14 255 ePc 44 43.00 0.9
0.6s 220.10nm 5.5mb
eS 48 01.50
QCP 19.87 333 eP 45 02.20 -0.4
MAN 19.89 333 iPc 45 02.80 0.0
KVG 20.50 89 eP 45 09.00 -0.1
MBL 20.60 209 eP 45 07.50 -2.7
ASPA 20.71 171 eP 45 10.00 -1.4
e(S) 49 00.00
ALOA 21.18 111 iPc 45 17.00 0.9
BAG 21.66 334 eP 45 20.00 -1.2
eS 49 18.00
RAB 21.87 93 eP 45 23.00 -0.1
GUA 22.03 41 eP 45 25.50 0.8
0.7s 104.11nm 5.4mb
eS 49 30.00
GUMO 22.04 41 eP 45 25.50 0.8
1.5s 369.37nm 5.6mb
PJG 22.04 41 eP 45 24.70 -0.1
CVP 22.32 338 ePc 45 28.00 0.4
1.5s 551.00nm 5.8mb
NAU 24.03 215 eP 45 43.00 -1.3
0.5s 36.00nm 5.2mb
MEK 25.91 205 eP 46 01.00 -1.2
KGM 27.43 280 ePc 46 18.20 2.0
KLG 28.74 196 eP 46 26.00 -1.8

RMQ 29.21 144 eP 46 31.00 -1.1
MRWA 29.28 206 eP 46 31.00 -1.7
HKC 29.78 329 eP 46 38.00 0.7
eS 51 31.00
QIZ 29.82 318 eP 46 38.00 0.3
PP 47 30.00
S 51 28.50
QZH 30.13 339 eP 46 39.00 -1.4
BAL 30.19 204 eP 46 39.80 -1.0
IPM 30.22 285 iPc 46 39.90 -1.4
1.1s 192.10nm 5.8mb
e 47 17.10
STK 30.51 161 eP 46 43.00 -0.7
KLB 30.66 201 eP 46 43.00 -2.0
0.7s 86.00nm 5.7mb
GZH 30.86 328 Pd 46 46.80 0.0
S 51 48.00
SNG 31.33 289 eP 46 52.00 1.0
MUN 31.60 203 eP 46 51.00 -2.2
CMS 31.78 154 eP 46 54.00 -0.8
PSI 31.87 280 eP 46 56.00 0.1
0.8s 186.50nm 6.1mb
NWAO 32.06 201 eP 46 56.00 -1.3
BRS 32.31 140 iPd 47 00.80 1.2
eS 52 11.00
TSI 32.38 281 ePd 47 01.90 1.7
RKG 33.17 200 eP 47 10.50 3.6X
0.5s 19.00nm 5.3mb
COO 34.09 145 eP 47 15.00 -0.1
NNT 34.13 298 eP 47 17.00 1.5
SSE 35.13 346 Pc 47 23.00 -0.8
NST 35.20 303 eP 47 25.30 0.7
YOU 35.28 154 iPc 47 25.20 0.1
BFD 35.70 163 eP 47 29.00 0.3
BSI 35.98 284 eP 47 32.00 0.7
KHT 36.09 300 eP 47 33.90 1.7
CAN 36.43 154 iPc 47 35.40 0.6
NJ2 36.64 344 Pc 47 36.00 -0.6
IS 53 18.50
WHN 36.78 337 Pc 47 38.00 0.2
S 53 23.00
BDT 36.92 304 eP 47 37.80 -1.3
0.8s 41.50nm 5.3mb
TOO 37.00 160 eP 47 40.00 0.3
WAM 37.11 155 iPc 47 41.60 1.1
GYA 37.24 324 P 47 42.00 0.1
PP 49 06.00
PPP 49 35.00
S 53 28.00
ScS 57 57.00
SHK 37.53 3 eP 47 42.40 -1.7
CHG 37.77 306 iPc 47 47.60 1.3
1.0s 128.50nm 5.7mb
eS 53 44.00
KMI 38.77 318 iPc+ 47 56.50 1.6
4.0s 1.10nm 3.8mb X
N 15s 1.80um
pP 48 10.00 51kmX
sP 48 19.00
lS 53 55.00
sS 54 19.00
SS 56 50.00
NOU 39.92 122 iPd 48 04.50 0.3
MAT 40.16 10 iPd 48 03.90 -2.1
0.8s 28.36nm 5.0mb
Z 20s 3.90um 5.3Msz
eS 54 06.00
TIA 41.03 344 Pc 48 12.50 -0.6
XAN 42.10 333 Pc 48 21.00 -1.0
CD2 42.26 325 P 48 23.00 -0.3
PP 50 00.00
PPP 50 34.00
S 54 38.00
TAU 42.42 161 eP 48 26.00 1.6
DL2 42.59 350 eP 48 25.00 -0.8
eS 54 46.00
TIY 43.89 339 Pc 48 36.00 -0.5
PP 50 19.00
S 55 04.50
SS 58 14.00
BJI 44.87 345 eP 48 43.00 -1.4
epP 49 17.00 152kmX
ePPP 51 18.00
eS 55 13.00
esS 56 06.00
eSS 58 35.00
SNY 45.16 353 iPc 48 46.30 -0.3

07d 04h

		S	55 24.00			
LZH	46.18	330 iPc+	48 55.50	0.5		
	E 10s	1.00um				
		pP	49 10.00	55kmX		
		PP	50 43.00			
		PPP	51 21.50			
		S	55 40.00			
SHL	46.88	310 iP	49 00.30	-0.4		
		iS	55 08.00			
CN2	46.92	355 Pc	48 59.20	-1.3		
		pP	49 05.50	21kmX		
		PP	50 47.50			
		PPP	51 31.00			
		S	55 43.00			
		ScS	58 55.00			
HHC	47.00	341 Pc	49 01.00	-0.3		
		pP	49 08.00	23kmX		
		S	55 49.00			
BTO	47.31	339 eP	49 03.20	-0.6		
		S	55 54.00			
MDJ	47.54	359 eP	49 05.80	0.4		
		pP	49 12.00	21kmX		
		S	55 59.00			
		ScS	58 58.00			
LSA	49.67	314 iPc	49 22.10	-0.6		
		PP	51 16.00			
		S	56 28.50			
VIS	50.73	296 iP	49 49.00	18.6X		
GTA	50.77	330 iPc	49 30.40	-0.1		
		S	56 44.00			
PKI	52.90	368 iPc	49 46.60	-0.5		
MSZ	52.97	147 P	49 47.60	0.8		
KKN	53.11	368 iPc	49 48.00	-0.4		
DMN	53.16	308 iPc	49 48.70	-0.2		
KRP	53.91	136 P	49 54.20	0.4		
KOD	54.23	285 iPc	49 57.00	0.0		
	0.9s	97.48nm		5.8mb		
		eS	57 34.00			
TRD	54.41	283 eP	49 56.60	-1.3		
TCW	54.72	140 P	49 59.30	-0.5		
HYB	54.95	294 ePc	50 01.00	-0.9		
GBA	54.99	289 P	50 01.20	-0.9		
POO	59.56	294 iPc	50 33.00	-1.5		
		iS	58 42.00			
NDI	59.91	306 eP	50 34.50	-2.3		
		iS	58 44.00			
WMQ	60.35	326 iPd	50 39.00	-0.6		
		iS	58 48.10			
		iScS	00 30.00			
DRV	63.78	176 eP	51 01.00	-1.0		
KSH	65.37	316 iPc	51 14.00	1.0		
		iS	00 00.00			
QUE	68.85	304 iPc	51 35.00	-0.3		
		eS	00 36.00			
KHI	76.67	306 eP	52 21.70	0.4		
SBA	77.10	173 iPc	52 23.90	1.3		
	0.9s	17.65nm		5.1mb		
MAW	78.63	281 iPc	52 32.20	1.0		
AVY	81.95	251 ePd	52 50.20	0.2		
KER	86.12	305 eP	53 11.00	0.1		
SPA	86.89	180 eP	53 14.00	0.0		
	0.8s	17.92nm		5.3mb		
SYO	87.37	201 iP	53 17.10	1.0		
BHD	88.27	303 ePd	53 23.50	2.5		
		eScS	03 52.00			
		eS	04 06.00			
COL	89.39	25 eP	53 26.00	0.2		
MSL	89.53	306 iPd	53 28.00	1.0		
		eS	04 18.00			
INK	95.19	22 eP	53 51.00	-1.4		
MTD	97.41	253 eP	54 06.40	2.8X		
SOD	98.12	338 iP	54 04.60	-1.1		
KJF	98.27	334 eP	54 06.00	-0.4		
SUF	99.24	333 iP	54 10.50	-0.3		
	0.9s	8.70nm		5.3mb		
KRI	99.28	252 eP	54 15.00	2.9X		
BUL	99.85	249 eP	54 18.60	3.9X		
LSZ	100.81	254 iPdiff	54 20.00	0.8		
	0.8s	8.90nm		5.3mb		
KRA	105.38	321 ePKP	58 49.90	-2.5		
SLL	105.75	333 ePdiff	54 38.50	-1.5		
	0.7s	5.00nm		5.6mb		
NAO	106.73	334 Pdiff	54 43.30	-1.0		
	1.0s	6.00nm		5.6mb		
KSP	107.42	323 ePKP	58 53.50	-2.8X		
BRG	108.83	323 e(PKP)	59 16 00	17.1X		
CLL	109.24	324 e(PKP)	59 09.00	9.3X		

KHC	109.61	321 PKPd	59 02.60	2.0		
	N 20s	0.50um				
	E 20s	0.50um				
		e	59 25.00			
EUR	110.22	49 iPKP	59 02.20	-0.1		
	0.2s	0.56nm				
BNG	111.89	273 iPKPd	58 53.50	-12.4X		
	1.6s	65.00nm				
		ic	59 08.10			
		ic	59 31.50			
		id	59 53.00			
WLF	113.91	324 PKP	59 11.90	3.2X		
BDW	113.96	44 ePKP	59 09.20	-0.2		
	0.8s	1.46nm				
BSF	114.29	322 ePKP	59 09.50	-0.2		
HAU	114.49	322 ePKP	59 10.20	0.3		
LPG	115.25	320 ePKP	59 12.00	0.2		
LOR	116.33	322 ePKP	59 13.50	0.1		
LBF	116.38	322 ePKP	59 13.60	0.0		
SMF	116.61	322 ePKP	59 15.40	1.4		
SSF	116.64	322 ePKP	59 14.30	0.3		
GRC	116.79	323 iPKPc	59 15.40	1.1		
AVF	116.85	322 ePKP	59 14.60	0.2		
RSSD	117.21	41 ePKP	59 14.80	-0.7		
	0.9s	10.08nm				
BGF	117.27	322 ePKP	59 15.60	0.4		
TCF	117.78	322 ePKP	59 16.70	0.5		
GOL	117.99	46 ePKP	59 17.80	0.6		
	0.8s	5.36nm				
	Z 19s	0.94um		5.4Msz		
CAF	118.49	321 ePKP	59 18.50	0.9		
RJF	118.67	321 ePKP	59 18.70	0.8		
ALQ	118.75	52 ePKP	59 19.20	0.5		
	1.3s	13.94nm				
LPF	118.87	325 ePKP	59 20.10	1.9		
MFF	119.07	323 ePKP	59 18.80	0.2		
LPO	119.16	321 ePKP	59 19.70	0.8		
LFF	119.33	321 ePKP	59 20.00	0.9		
EPF	120.46	319 ePKP	59 20.80	-0.7		
LTX	122.66	57 ePKP	59 26.70	0.6		
	1.2s	9.28nm				
	Z 19s	0.50um		5.2Msz		
LHC	123.61	31 ePKP	59 27.50	0.3		
JCT	125.49	54 iPKP	59 32.00	0.5		
TUL	126.45	47 ePKP	59 34.00	0.8		
	1.3s	52.80nm				
RLO	126.89	46 ePKP	59 34.10	0.1		
BHO	127.81	48 ePKP	59 36.30	0.5		
IFR	128.60	311 iPKP	59 39.00	1.4		
FVM	129.16	42 ePKP	59 38.10	-0.2		
	1.0s	15.00nm				
KIC	135.07	276 ePKP	59 52.40	2.2X		
MDZ	139.86	155 ePKP	59 54.30	-4.4X		
VCA	143.67	152 ePKPd	00 04.80	-0.8		
ANT	146.56	144 e(PKP)	00 12.00	1.7		
SLA	148.35	152 ePKPd	00 17.00	3.6X		
UPA	149.80	78 ePKPd	00 20.90	5.2X		
	1.3s	246.15nm				
	Z 20s	0.64um		5.4Msz		
		e	24 11.00			
YJA	150.49	149 ePKPc	00 20.80	3.7X		
TPZ	150.96	148 PKP	00 20.80	3.0X		
		i	00 22.00			
ARE	150.98	133 ePKP	00 25.00	7.2X		
PSO	152.35	93 ePKP	00 22.50	2.4X		
CNCB	153.20	138 PKP	00 24.00	2.7X		
		i	00 31.30			
LPB	153.32	138 PKP	00 23.50	2.2X		
	1.1s	81.01nm				
	Z 22s	0.74um		5.5Msz		
		i	00 31.20			
		eLR	54 30.00			
ZOBO	153.49	137 PKP	00 23.60	1.8		
	1.2s	81.08nm				
		i	00 31.30			
		LR	54 30.00			
BMA	153.76	192 e(PKP)	00 22.00	0.7		
BMA	153.76	192 ePKP	00 31.70	10.4X		
VAO	153.88	186 ePKP	00 23.30	1.8		
		e	00 30.80			
CCH	153.96	142 PKP	00 24.50	2.5X		
BOG	155.67	86 ePKP	00 26.00	1.5		
SJG	158.08	46 e(PKP)	00 25.00	-2.0		
BAO	161.27	185 ePKPd	00 32.50	1.9		
CAR	161.42	66 ePKP	00 31.00	0.2		
ITR	163.67	224 ePKP	00 34.40	1.5		
		i	01 26.00			

SOB1	164.91	216 ePKP	00 34.90	0.8		
ATB	173.15	159 PKPc	00 39.50	0.5		
	S.D. = 1.1	on 156 of 185 obs.				
	SEP 07, 1985	04h 55m 12.42± 1.17s				
	3.110 S ± 4.4km	130.267 E ± 5.0km				
	DEPTH = 42.8 ± 11.8 km					
	5.3mb (14 obs.)					
	CERAM			(272)		
AAI	2.15	254 iPd	55 49.40	2.9		
		e(S)	55 55.50			
MTN	9.71	175 eP	57 30.00	-2.6		
JAY	10.44	87 ePd	57 40.00	-2.7		
TZZ	11.13	101 eP	57 48.00	-4.1X		
KNA	12.65	187 eP	58 08.00	-4.4X		
CGP	12.76	334 ePc	58 14.50	0.6		
	1.5s	123.00nm		5.7mb		
MDG	15.62	98 eP	58 56.00	4.7X		
KKM	16.72	303 ePc	59 05.50	0.1		
MOM	17.15	87 eP	59 12.00	1.3		
WRA	17.20	167 eP	59 07.00	-4.3X		
		i	59 12.80			
PMG	17.91	111 eP	59 21.00	0.9		
TRT	18.13	255 iPc	59 29.00	6.1X		
	0.6s	45.90nm		4.8mb		
ISQ	19.70	153 eP	59 40.00	-1.3		
MAN	19.86	333 eP	59 42.50	-0.5		
KVG	20.51	89 eP	59 49.00	-0.7		
MBL	20.62	209 eP	59 48.00	-2.8		
ASPA	20.74	171 eP	59 51.00	-1.1		
		e(S)	03 42.00			
ALOA	21.20	111 eP	59 58.00	1.3		
BAG	21.63	334 eP	00 03.00	1.7		
GUA	22.02	41 eP	00 05.30	0.3		
	1.2s	150.00nm		5.3mb		
GUMO	22.02	41 eP	00 05.50	0.5		
PJG	22.02	41 eP	00 06.30	1.3		
CVP	22.30	338 ePd	00 10.50	2.8X		
CTA	22.98	138 iPd	00 16.40	2.0		
	0.9s	54.62nm		5.0mb		
NAU	24.05	215 eP	00 25.00	0.3		
	0.4s	16.00nm		4.9mb		
MEK	25.93	205 eP	00 42.00	-0.6		
KGM	27.41	280 ePd	00 58.70	2.4		
MRWA	29.29	206 iPd	01 12.30	-0.8		
QIZ	29.80	318 eP	01 15.80	-1.9		
PPI	29.97	274 iPd	01 20.70	1.4		
	0.7s	68.60nm		5.5mb		
IPM	30.20	285 ePd	01 20.00	-1.4		
STK	30.54	161 eP	01 24.00	-0.1		
KLB	30.68	201 eP	01 24.00	-1.4		
SNG	31.31	289 eP	01 34.00	2.9X		
MUN	31.61	203 eP	01 33.00	-0.6		
PSI	31.86	280 ePd	01 36.30	0.4		
	0.7s	52.50nm		5.5mb		
NWAO	32.08	201 eP	01 37.00	-0.6		
BRS	32.34	140 P	01 43.00	3.0X		
TSI	32.36	281 e(P)	01 40.00	-0.3		
NNT	34.11	298 eP	01 57.00	1.5		
COO	34.12	145 eP	01 58.00	2.5X		
SSE	35.10	346 P	02 02.00	-1.7		
NST	35.17	303 eP	02 07.50	2.9X		
YOU	35.30	154 eP	02 05.30	-0.2		
BFD	35.73	163 eP	02 10.00	0.9		
BSI	35.96	284 eP	02 14.50	3.2X		
CAN	36.45	154 eP	02 16.20	0.9		
NJ2	36.61	344 eP	02 17.70	1.2		
WHN	36.75	337 eP	02 18.00	0.3		
BDT	36.89	304 eP	02 18.00	-1.0		
TOO	37.03	160 eP	02 22.00	1.9		
WAM	37.14	155 eP	02 22.40	1.5		
GYA	37.21	324 P	02 20.80	-1.0		
CHG	37.75	306 iPd	02 28.00	1.7		
	1.1s	36.71nm		5.2mb		
KMI	38.74	318 eP	02 36.00	1.2		
MAT	40.14	10 eP	02 44.00	-2.0		
	1.2s	25.00nm		4.9mb		
		eS	20 46.00			
TIA	41.00	344 eP	02 52.20	-0.8		
XAN	42.07	333 eP	03 01.00	-0.9		
CD2	42.23	325 eP	03 03.20	0.0		
TIY	43.86	339 P	03 16.00	-0.5		
BJI	44.85	345 eP	03 23.50	-0.8		
LZH	46.15	330 eP	03 33.50	-1.4		
	1.5s	109.00nm		5.6mb		
SHL	46.86	310 eP	03 40.70	0.1		

CN2	46.90	355	eP	03	40.80	0.4
LSA	49.65	314	P	04	02.00	-0.6
GTA	50.74	336	P	04	10.60	0.2
PKI	52.88	308	eP	04	26.80	-0.2
	0.7s	19.00nm			5.2mb	
KKN	53.08	308	eP	04	28.20	-0.1
	0.6s	25.00nm			5.4mb	
DMN	53.13	308	eP	04	29.00	0.2
	0.9s	61.00nm			5.6mb	
KOD	54.22	285	eP	04	36.00	-0.9
TCW	54.75	140	P	04	40.00	-0.1
HYB	54.93	294	eP	04	41.00	-0.8
GBA	54.97	289	P	04	42.00	-0.1
POO	59.53	294	eP	05	15.00	0.6
NDI	59.89	306	eP	05	14.50	-2.1
WMQ	60.32	326	P	05	19.00	-0.4
DRV	63.80	176	eP	05	41.70	-0.4
QUE	68.82	304	eP	06	15.50	0.4
SBA	77.13	173	eP	07	04.10	1.4
	1.0s	7.00nm			4.6mb	
MAW	78.65	20'	eP	07	12.00	0.8
AVY	81.94	251	eP	07	31.20	1.3
INK	95.18	22	eP	08	32.00	-0.2
BLF	100.75	240	ePdiff	09	07.50	8.9X
WIN	110.03	245	ePdiff	09	26.00	-14.1X
	1.0s	15.00nm				
LRM	111.01	42	ePdiff	10	01.60	17.6X
ALQ	118.74	52	e(PKP)	14	01.00	2.6X
TUL	126.44	47	e(PKP)	14	15.80	2.8X
	0.9s	5.80nm				
RLO	126.88	46	e(PKP)	14	16.50	2.7X
SLA	148.37	152	ePKP	14	58.00	4.8X
YJA	150.52	149	ePKP	15	01.20	4.2X
TPZ	150.99	148	ePKP	15	06.00	8.4X
ARE	151.01	133	ePKP	15	08.00	10.4X
CNCB	153.23	138	ePKP	15	06.00	4.9X
LPB	153.35	138	(PKP)	15	03.00	1.9
ZOBO	153.52	137	PKP	15	05.40	3.8X
	1.1s	26.10nm				
BMA	153.78	19'	e(PKP)	15	13.00	11.9X
VAO	153.91	186	ePKP	15	12.40	11.1X
CCH	153.98	142	ePKP	15	06.00	4.1X
ITR	163.68	224	ePKP	15	07.60	-5.1X
			e	16	06.00	
S.D. = 1.3 an 72 af 99 abs.						
SEP 07, 1985 05h 00m 47.49± 0.19s						
59.576 S ± 5.3km 26.230 W ± 4.8km						
DEPTH = 33.0km (normal)						
5.4mb (14 abs.) 5.2Msz (3 abs.)						
SOUTH SANDWICH ISLANDS REGION (153)						
SNA	14.64	147	eP	04	11.00	-2.7
	0.9s	389.92nm			5.9mb	
SYO	28.56	137	eP	06	41.80	0.1
SPA	30.59	180	eP	07	01.00	0.8
	1.0s	110.00nm			5.6mb	
VBA	31.30	297	iPd	07	06.20	-0.2
MDZ	38.72	29~	eP	08	14.10	4.2X
PCH	38.88	292	eP	08	11.50	0.2
BMA	38.98	333	eP	08	12.50	0.4
FCH	39.02	292	iPd	08	14.00	1.2
LNV	39.04	291	iPc	08	12.50	0.1
TACH	39.06	291	iPc	08	13.10	0.4
BACH	39.09	292	eP	08	13.50	0.4
PEL	39.36	292	eP	08	15.50	0.3
			i	14	14.00	
VAO	39.37	329	eP	08	15.90	0.4
RTCV	39.43	296	ePd	08	15.80	0.0
ROCH	39.65	292	eP	08	17.50	-0.4
JACH	39.70	293	iPd	08	18.50	0.4
ZON	39.76	296	eP	08	19.00	0.4
RTLL	39.84	296	ePc	08	19.10	-0.2
RTCB	39.86	296	ePc	08	19.70	0.2
VCA	41.92	298	ePd	08	37.80	1.3
SBA	42.59	184	iPc	08	42.90	1.7
	0.9s	30.25nm			5.0mb	
			e	14	06.00	
SLA	44.24	304	ePd	08	53.40	-2.0
YJA	46.52	306	ePc	09	14.40	0.6
BAO	46.69	331	e(P)	09	14.70	-0.1
TPZ	47.23	306	P	09	20.90	1.5
VIR	47.69	73	iPd	09	24.50	1.8
	0.9s	25.21nm			5.2mb	
SWZ	47.70	71	iPd	09	25.50	2.7
	0.5s	35.21nm			5.6mb	
SEK	47.86	74	iPc	09	25.00	0.9
	1.0s	25.00nm			5.2mb	
BFS	48.64	72	iPd	09	29.80	-0.3
	1.0s	26.00nm			5.2mb	
SLR	50.34	73	eP	09	43.00	-0.1
Z	19s	2.08um			5.2Msz	
CCH	51.07	308	Pc	09	48.80	-0.1
SOB1	51.47	341	eP	09	50.40	-1.2
CNCB	52.33	306	P	09	57.80	-1.0
LPB	52.63	306	Pc	10	00.50	-0.3
	1.2s	93.75nm			5.6mb	
		LR		22	57.00	
ZOBO	52.88	306	P	10	02.50	-0.3
	1.2s	54.05nm			5.4mb	
		LR		27	00.00	
DRV	53.66	173	eP	10	07.00	-0.3
ARE	54.12	303	iPd	10	11.50	-0.1
BUL	55.25	69	iPc	10	19.30	-0.4
KRI	58.58	68	iPc	10	42.50	-0.9
LSZ	59.26	66	iP	10	48.00	-0.1
	0.7s	37.50nm			5.6mb	
MTD	59.56	70	iPd	10	51.70	1.6
ATB	59.62	330	Pc	10	50.00	-0.3
KIC	67.92	23	eP	11	54.60	9.8X
BNG	72.90	47	iPc	12	15.10	0.1
	0.8s	25.00nm			5.3mb	
		id		12	26.00	
		ic		12	37.20	
MSZ	75.46	190	P	12	30.90	1.5
SDV	76.87	315	eP	12	37.10	-0.8
CAR	77.08	319	eP	12	39.70	0.7
	0.8s	26.87nm			5.3mb	
TAU	77.74	175	eP	12	42.00	-0.1
TCW	78.15	196	P	12	44.90	0.5
KRP	81.19	197	P	13	00.90	0.1
TOO	82.96	173	eP	13	10.00	-0.1
BFO	83.15	171	eP	13	11.00	0.0
KLB	84.41	150	eP	13	17.00	-0.5
WAM	84.50	176	eP	13	18.30	0.4
CAN	85.37	176	eP	13	22.60	0.3
YOU	86.39	176	eP	13	27.70	0.3
STK	88.33	170	eP	13	37.00	0.3
MEK	89.35	149	eP	13	42.00	0.3
ASPA	95.47	162	eP	14	09.00	-1.0
	0.8s	41.00nm			5.9mb	
WRA	99.19	162	P	14	27.00	0.2
	0.8s	2.80nm			4.8mb	
ALQ	114.82	297	e(Pdif	15	40.00	3.7X
SCH	118.57	335	ePKP	19	31.00	-1.1
HFS	123.36	23	ePKP	19	39.00	-2.0X
	0.5s	2.60nm				
Z	19s	1.00um			5.5Msz	
		LR		40	06.00	
NAO	123.46	21	Pdiff	16	06.50	-7.3X
	0.7s	2.40nm				
CHG	123.62	112	iPKPd	19	42.80	0.0
	0.8s	9.33nm				
NUR	126.10	28	iPKP	19	46.70	0.3
Z	22s	0.30um			4.9Msz	
		LR		38	30.00	
LRM	126.29	300	ePKP	19	47.40	-0.2
FRB	127.13	338	ePKP	19	47.00	-1.2
SUF	128.38	28	ePKP	19	50.00	-0.6
KJF	130.01	28	iPKP	19	53.50	-0.2
	1.0s	30.00nm				
EDM	132.25	306	ePKP	19	57.50	-0.9
SOD	132.44	25	iPKP	19	56.40	-1.8
DAG	136.17	2	iPKPc	20	04.00	-1.1
	0.5s	14.08nm				
YKC	139.03	315	ePKP	20	09.00	-1.8
YKA	139.09	315	ePKP	20	14.20	3.3X
ALE	143.07	353	iPKPd	20	14.30	-3.2X
	0.6s	12.00nm				
SSE	144.12	128	e(PKP)	20	18.50	-2.2X
MBC	147.40	334	ePKP	20	29.00	4.2X
INK	148.80	317	ePKP	20	29.00	1.8
	0.7s	25.00nm				
BJI	149.45	113	ePKP	20	28.00	-1.1
COL	153.15	306	ePKP	20	33.00	-0.8
S.D. = 0.9 an 72 af 81 abs.						
• SEP 07, 1985 06h 00m 03.50± 3.56s						
33.653 S ±11.3km 72.071 W ±27.1km						
DEPTH = 10.0 ± 4.4 km						
OFF COAST OF CENTRAL CHILE (134)						
LNV	0.63	119	iPc	00	15.50	-0.6
			iS	00	28.90	
TACH	0.95	90	iPd	00	21.00	-0.5
			iS	00	40.50	
ROCH	1.12	53	iP	00	24.80	0.2
PEL	1.27	67	iP	00	27.50	0.5
			iS	00	49.40	
PCH	1.30	89	iPd	00	27.00	-0.6
FCH	1.52	78	iPc	00	30.50	-0.6
			i(S)	00	56.90	
JACH	1.57	52	iPd	00	31.10	-0.5
MDZ	2.81	75	eP	00	54.40	5.1X
			i	00	59.60	
			i(S)	01	45.20	
RFA	3.19	111	ePc	00	56.00	1.3
RTCB	3.51	53	ePc	01	00.00	0.8
ZON	3.55	55	eP	01	01.00	1.2
RTLL	3.82	54	ePc	01	04.00	0.2
VCA	5.91	35	e(P)	01	32.00	-1.4
S.D. = 1.0 on 12 of 13 abs.						
SEP 07, 1985 06h 22m 49.04± 0.56s						
21.681 N ± 4.4km 142.904 E ±13.8km						
DEPTH = 321.1 ± 8.1 km						
4.7mb (7 abs.)						
MARIANA ISLANDS REGION (215)						
GUMO	8.26	167	eP	24	47.20	0.4
	0.5s	124.49nm			5.2mb	
PJG	8.26	167	eP	24	46.60	-0.2
GUA	8.32	166	eP	24	47.60	0.1
	0.8s	185.07nm			5.2mb	
KYS	13.68	350	eP	25	53.30	0.7
OYM	14.06	348	eP	25	56.80	-0.3
SRY	14.24	348	eP	25	58.40	-0.8
DDR	14.63	348	eP	26	03.70	0.0
TSK	14.68	351	eP	26	04.20	0.0
MAT	15.36	346	eP	26	11.00	-0.6
CGP	21.92	236	iPc	27	18.70	0.9
	1.2s	346.00nm			5.6mb	
WRA	42.21	192	Pc	30	12.10	-0.8
	0.6s	10.10nm			4.2mb	
BAL	57.76	207	eP	32	08.30	-1.1
GBA	62.53	274	Pd	32	42.10	0.3
	0.6s	4.10nm			4.2mb	
KEV	78.29	341	eP	34	15.00	0.1
SOD	79.67	339	eP	34	23.00	0.8
KJF	80.97	336	eP	34	29.00	0.0
SUF	82.35	335	iP	34	36.40	0.2
	0.5s	4.70nm			4.6mb	
NUR	84.18	334	eP	34	46.00	0.5
LRM	84.37	43	eP	34	47.70	0.6
HFS	88.64	337	eP	35	06.20	-0.9
	0.3s	1.50nm			4.4mb	
S.D. = 0.6 an 20 af 20 obs.						
% SEP 07, 1985 07h 20m 48.93± 0.75s						
31.568 S ±11.2km 68.561 W ±11.2km						
DEPTH = 33.0km (normal)						
SAN JUAN PROVINCE, ARGENTINA (137)						
RTMO	0.11	304	iPd	20	55.30	0.4
			S	21	07.00	
RTCB	0.22	292	iPd	20	55.80	-0.1
			S	21	08.10	
RTLL	0.25	18	iPd	20	55.80	-0.3
			S	21	08.00	
CFA	0.28	98	ePc	20	56.70	0.2
			S	21	08.50	
RTCV	0.29	176	iPd	20	56.40	-0.3
			S	21	08.30	
S.D. = 0.5 an 5 af 5 abs.						
• SEP 07, 1985 08h 16m 37.11± 1.95s						
12.134 S ±11.8km 166.622 E ±18.5km						
DEPTH = 190.7 ± 15.7 km						
4.7mb (4 abs.)						
SANTA CRUZ ISLANDS (164)						
SVO	7.32	293	eP	18	23.00	0.6
KOU	8.68	195	iPc	18	39.10	-1.0
			iS	20	19.90	
NOU	10.12	181	iPc	18	59.50	0.5
			iS	20	49.00	
YOU	27.60	214	eP	22	09.20	0.6
WRA	31.94	252	Pd	22	45.50	-1.5
	0.6s	1.20nm			3.7mb	
SBA	65.72	180	e(P)	27	03.00	0.3
SPA	77.95	180	e(P)	28	16.30	1.0

07d 08h

COL	84.09	18	eP	28	46.20	-1.0
PKI	87.91	299	eP	29	07.50	0.4
	0.6s		6.00nm			4.6mb
KKN	88.08	299	eP	29	08.30	0.5
	0.7s		8.00nm			4.7mb
DMN	88.18	299	eP	29	08.20	-0.1
	0.7s		17.00nm			5.0mb
SOB1	145.39	127	ePKP	35	54.50	-0.3
			e	36	43.50	
BNG	147.52	259	iPKPc	36	01.60	3.3X
	0.6s		89.00nm			
			id	36	40.10	
	S.D. = 0.9		on 12 of 13 obs.			

SEP 07, 1985 08h 50m 01.39± 0.53s
21.632 S ± 5.6km 68.765 W ± 7.2km
DEPTH = 173.7 ± 7.6 km
CHILE-BOLIVIA BORDER REGION (124)

TPL	1.42	251	iPd	50	32.80	0.5
ANT	2.57	216	iPc	50	44.30	-0.6
			iS	51	12.80	
TPZ	2.84	87	Pc	50	48.60	-0.1
			S	51	25.70	
YJA	3.08	101	ePc	50	51.50	-0.2
			S	51	27.80	
HJA	3.48	117	ePd	50	57.20	0.9
SLA	4.31	136	ePd	51	06.90	-0.2
CNCB	4.85	9	iP	51	15.00	0.4
CCH	4.98	31	P	51	14.00	-0.9
			i	51	18.60	
			(S)	53	07.30	
LPB	5.11	7	P	51	18.00	0.2
ZOBO	5.37	7	P	51	21.20	-0.2
VAO	20.21	98	eP	54	24.50	-0.1
			e	55	29.90	
BAO	20.56	77	e(P)	54	28.10	-0.1
ATB	24.31	44	Pd	55	05.40	1.0
SOB1	29.51	70	eP	55	51.00	-0.6
			e	55	53.50	
	S.D. = 0.6		on 14 of 14 obs.			

* SEP 07, 1985 09h 23m 11.66± 1.61s
2.186 S ±19.2km 133.362 E ±10.7km
DEPTH = 33.0km (normal)
WEST IRIAN REGION (196)

AAI	5.37	254	ePd	24	31.60	0.0
MTN	10.82	192	eP	25	47.00	-0.4
			eS	27	45.00	
KNA	14.22	198	eP	26	32.00	-0.8
			eS	29	06.00	
WRA	17.68	177	eP	27	17.20	0.1
			i	27	19.20	
			eS	30	27.30	
ASPA	21.36	179	iPc	27	59.50	1.0
			e(S)	31	57.00	
CTA	21.80	146	eP	28	07.00	4.1X
MBL	23.01	214	eP	28	16.00	1.2
BRS	31.20	145	P	29	30.70	0.4
YOU	34.87	158	eP	30	02.50	0.4
CAN	36.03	158	eP	30	11.70	-0.2
WAM	36.76	159	eP	30	17.90	-0.1
SBA	77.66	173	e(P)	35	04.60	-1.4
	S.D. = 0.8		on 11 of 12 obs.			

SEP 07, 1985 09h 51m 33.89± 0.65s
36.063 N ± 5.8km 1.192 E ± 5.0km
DEPTH = 10.9 ± 4.8 km
4.4mb (9 obs.)
ALGERIA (396)

OFD	0.33	89	iP	51	40.50	-0.3
ABA	1.66	63	iPn	52	02.00	-1.0
			e	52	24.20	
ALM	3.05	286	iPn	52	23.30	0.4
			iSn	52	58.60	
TAF	3.20	248	iP	52	27.00	1.9
			i	52	32.00	
			i	53	40.00	
CRT	4.01	288	iPc	52	37.00	0.3
TOL	5.63	314	ePn	53	00.50	1.0
			ePb	53	11.00	
			ePg	53	19.50	
			iSn	53	59.50	
			iSg	54	21.00	
IFR	5.79	246	eP	53	00.00	-1.9
			i	55	04.00	
MLS	6.89	359	iPc	53	17.90	0.7
EPF	6.99	355	Pn	53	19.50	0.8
			Sn	54	35.20	
AVE	7.61	251	eP	53	26.00	-1.3
			i	55	21.00	
			i	55	57.00	
LMR	8.34	28	Pn	53	36.20	-1.3
			Sn	55	05.30	
CDR	8.38	23	ePnc	53	37.30	-0.7
			e	53	37.40	
			e	53	37.50	
			i	53	41.30	
			eSn	55	07.10	
			e	55	08.70	
LRG	8.38	27	Pn	53	38.00	-0.1
			Sn	55	08.50	
FRF	8.58	28	Pn	53	39.60	-1.3
			Sn	55	12.00	
LPO	8.61	360	Pn	53	41.80	0.5
CVF	8.81	40	Pn	53	42.00	-2.0X
			Sn	55	15.30	
LFF	8.87	358	Pn	53	45.00	0.1
CAF	8.88	4	Pn	53	45.60	0.6
RJF	9.24	1	Pn	53	50.10	0.2
LSF	10.18	1	Pn	54	02.20	-0.8
MZF	10.20	5	Pn	54	03.00	-0.2
TCF	10.24	4	Pn	54	03.00	-0.9
LPG	10.32	22	Pn	54	06.40	1.2
BGF	10.56	6	Pn	54	07.80	-0.3
MFF	10.58	355	Pn	54	08.40	0.0
GRC	11.31	7	iPnd	54	18.20	-0.2
			i	54	20.40	
			ed	24	40.80	
			i	24	46.50	
LPF	12.07	353	Pn	54	28.60	-0.1
GRR	12.41	354	Pn	54	32.50	-0.7
LDF	12.56	356	Pn	54	35.80	0.6
FLN	12.75	355	Pn	54	36.80	-1.0
WLF	14.07	13	P	54	59.00	3.9X
DOU	14.24	9	P	55	01.70	4.3X
			e	55	07.40	
KBA	14.26	36	i(P)	55	07.90	10.0X
	1.0s		14.10nm			
MEM	14.95	12	P	55	10.80	4.1X
GRF	15.46	25	eP	55	21.00	7.7X
	1.5s		60.00nm			4.7mb
KHC	15.90	31	P	55	22.70	3.6X
	1.1s		20.50nm			4.2mb
MOX	16.40	24	eP	55	30.00	4.5X
	1.5s		34.00nm			4.3mb
PRU	16.96	31	eP	55	35.00	2.5
BRG	17.42	28	eP	55	43.30	5.0X
	1.5s		20.00nm			4.0mb
			e	56	03.00	
CLL	17.44	25	ePd	55	43.00	4.6X
	1.8s		20.00nm			3.9mb
VAY	17.48	66	eP	55	40.00	0.9
PSZ	18.21	44	iPn	55	36.40	-11.8X
EKA	19.58	353	P	56	09.00	5.2X
	0.9s		15.70nm			4.3mb
BNG	35.30	149	iPc	58	32.20	1.2
	1.6s		26.00nm			4.9mb
RLO	74.14	303	eP	03	11.00	-1.2
EDM	74.58	325	ePc	03	14.40	0.0
TUL	74.80	303	eP	03	14.90	-1.1
	1.4s		13.30nm			4.8mb
EUR	85.13	316	iP	04	13.80	2.3
	1.2s		5.39nm			4.6mb
	S.D. = 1.1		on 36 of 48 obs.			

SEP 07, 1985 10h 20m 50.21± 0.73s
37.445 N ± 3.5km 21.235 E ± 2.6km
DEPTH = 31.0 ± 5.2 km
5.3mb (72 obs.) 5.3Msz (8 obs.)
SOUTHERN GREECE (368)
ML 5.4 (ATH). Felt on Zakinthos and in western Peloponnisos.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 23C
Centroid Location:
Origin Time 10:20:54.5 0.8
Lat 37.35N 0.11 Lon 21.53E 0.11
Dep 10.0 BDY Half-duration 2.0
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.98 0.08 Mtt= 1.36 0.11
Mff=-0.39 0.07 Mrt= 0.86 0.22
Mrf=-0.76 0.15 Mtf= 0.64 0.08
Principal Axes:

	Val=	Plg	Azm
T	1.72	14	348
N	0.13	35	88
P	-1.85	51	240

Best Double Couple:Mo=1.8*10**24
NP1:Strike= 40 Dip=44 Slip=-147
NP2: 285 68 -51

VLS	0.89	325	ePbc	21	08.00	1.5
			iSb	21	26.00	
ATH	2.04	74	ePgd	21	25.00	2.0
LIT	2.83	20	iPnc	21	36.90	2.7X
KZN	2.89	8	ePbd	21	39.00	3.9X
PAIG	3.13	37	iPnd	21	45.40	6.9X
			eSn	22	26.40	
OUR	3.59	36	ePn	21	46.90	1.8
			eSn	22	26.00	
OHR	3.68	355	iPnc	21	48.40	2.1
KNT	3.93	19	ePnd	21	51.90	2.8
VAY	4.01	15	iPn	21	52.70	1.7
			i	21	59.00	
			iSn	22	37.50	
SRS	4.10	26	ePnd	21	53.90	1.6
NPS	4.15	120	ePb	21	52.50	-0.5
PRK	4.35	64	ePbd	21	58.00	2.2
SKO	4.52	2	iPn	21	59.20	0.8
			iPb	22	06.40	
			iPg	22	11.50	
			iSn	22	46.00	
			iSb	22	58.00	
			iSg	23	04.00	
EZN	4.64	58	iP	22	00.60	0.6
IZM	4.86	77	iP	22	03.60	0.5
BDV	5.18	348	ePn	22	07.50	0.8
TTG	5.20	344	iPnd	22	07.50	-0.4
			ePg	22	14.40	
			eSn	23	00.00	
PVY	5.23	350	ePn	22	09.30	0.8
			e(Sn)	23	04.50	
HCY	5.42	338	iPn	22	10.00	-1.0
			e(Sn)	23	07.00	
IVA	5.52	350	iPn	22	13.00	0.6
KGT	5.60	56	iP	22	14.40	0.9
YER	5.63	91	iP	22	14.80	0.8
NKY	5.63	343	ePn	22	14.00	0.0
BRY	5.83	340	ePn	22	15.50	-1.3
			e	22	41.50	
			e(Sn)	23	23.00	
EDC	5.93	59	iP	22	19.60	1.4
BNT	5.97	59	eP	22	20.40	1.6
PLE	6.04	347	ePn	22	20.50	0.6
			e(Sn)	23	26.00	
DMK	6.67	47	iP	22	28.80	0.3
CTT	6.69	54	eP	22	28.00	-0.9
YLV	7.06	61	eP	22	34.40	0.2
ISK	7.07	57	iP	22	34.90	0.8
SRE	7.36	11	ePd	22	46.00	7.7X
HRT	7.37	68	iPc	22	39.40	0.9
BEO	7.39	356	iPn	22	37.30	-1.4
			i	22	49.80	
BCK	7.44	87	iP	22	40.20	0.7
GPA	7.63	65	iP	22	42.90	0.9
CLO	7.71	8	iPd	22	42.50	-0.7
BUC	7.87	26	eP	22	50.00	4.6X
COZ	8.21	16	ePd	22	50.00	-0.2
ISR	8.66	26	iPd	22	57.50	1.1
KDE	8.77	61	iP	23	00.00	2.0
MLR	8.78	22	iPc	22	59.00	0.9
TLB	8.79	34	ePc	22	58.50	0.4
MSR	8.99	16	ePd	23	05.50	4.5X
BRD	9.17	27	eP	23	09.00	5.7X
ZAG	9.24	337	ePc	23	02.30	-2.0
CFR	9.32	32	eP	23	03.50	-1.8
VRI	9.36	24	ePd	23	07.00	1.0
CEY	9.73	331	iP	23	09.10	-1.9
			iS	24	53.50	
LJU	9.94	332	iP	23	11.90	-2.1
			i	23	29.90	
			i	24	28.30	
			i(S)	25	32.50	
			i	26	57.30	
TRI	9.97	328	iPn	23	12.10	-2.2
			i(Sn)	25	02.30	
			i	26	24.00	
PPE	9.97	26	eP	23	20.00	5.6X

CSS 10.08 101 eP 23 11.50 -4.5X
e 25 11.00
BUD 10.16 351 e(P) 23 14.00 -3.0X
VOY 10.18 330 ePc 23 15.30 -2.0
eS 25 05.00
PSZ 10.52 355 iP 23 21.20 -0.7
SRO 10.58 349 eP 23 21.50 -1.2
Z 17s 25.00um
i 24 11.40
e(S) 26 27.80
CVF 10.77 302 eP 23 23.50 -1.9
1.0s 62.60nm 5.8mb X
SOP 10.79 343 iPd 23 23.60 -2.0
ZST 11.16 346 iP 23 28.90 -1.7
4.5s 2.10nm 3.6mb X
i 24 12.80
KBA 11.26 331 iPd 23 30.60 -1.5
1.1s 177.00nm 6.2mb X
iPP 23 39.00
i 25 26.30
iSS 25 35.50
iSSS 25 46.20
HLW 11.31 129 iPc 23 28.00 -4.8X
VKA 11.40 343 iPd 23 33.30 -0.5
Z 12s 31.34um 5.5Msz
iPPP 23 48.10
i 24 30.50
i 25 37.00
iSS 25 44.50
i 26 47.00
SPC 11.76 357 eP 23 38.10 -0.8
KMR 11.81 336 iP+ 23 37.60 -1.9
iPP 23 47.60
iS 25 48.00
BHG 11.97 332 iPd 23 40.50 -1.0
1.1s 116.00nm 6.0mb X
OGA 12.07 324 iPc 23 43.40 0.2
BHL 12.24 102 P 23 49.00 3.6X
S 25 49.00
OSS 12.37 322 eP 23 46.30 -0.8
ZNT 12.46 111 eP 23 43.50 -4.8X
VDL 12.57 320 eP 23 50.70 0.9
DOR 12.57 114 eP 23 43.50 -6.3X
eS 25 53.00
TMA 12.64 317 eP 23 48.60 -2.1
KRA 12.64 356 eP 23 49.00 -1.5
e 23 51.20
e 23 52.80
i 23 58.00
FRF 12.67 303 eP 23 46.80 -4.1X
1.1s 63.70nm 5.6mb X
LMR 12.67 30^ eP 23 46.70 -4.2X
LRG 12.81 303 eP 23 49.00 -3.9X
1.3s 103.90nm 5.8mb X
MOI 12.94 112 iPd 23 49.00 -5.6X
FUR 12.96 329 iPc 23 52.50 -2.3
LLS 13.07 320 eP 23 57.10 0.7
SAX 13.15 322 eP 23 59.00 1.4
WET 13.17 335 iPd 23 57.10 -0.5
NOH 13.22 117 eP 23 52.50 -5.8X
eS 26 08.00
CDR 13.30 303 ePc 23 58.20 -1.1
DIX 13.44 314 eP 24 01.40 0.0
LPG 13.50 311 eP 24 02.30 0.0
EMS 13.70 313 eP 24 05.90 1.1
ZUL 13.78 321 eP 24 06.40 0.7
KSP 13.85 347 ePc 24 05.00 -1.5
id 24 15.50
SLE 13.92 322 eP 24 09.80 2.3
GRF 14.21 333 eP 24 09.00 -2.3
1.3s 5.00nm 4.0mb X
Z 20s 10.40um
STU 14.31 326 ePd 24 10.60 -2.0
1.0s 70.00nm 5.2mb
BRG 14.40 341 iPd 24 12.10 -1.5
1.2s 36.00nm 4.8mb
i 24 22.20
BUH 14.69 324 eP 24 17.60 0.1
BSF 14.83 319 eP 24 18.30 -1.2
CDF 14.96 322 eP 24 21.20 0.0
0.8s 60.10nm 5.0mb
CLL 15.04 340 eP 24 20.00 -2.1
1.5s 260.00nm 5.3mb
i 24 23.40
eS 27 23.00
HAU 15.17 319 eP 24 22.90 -0.9
SMF 15.83 311 eP 24 31.50 -0.8

1.1s 73.20nm 4.8mb
L8F 15.92 312 eP 24 33.50 0.0
1.0s 55.70nm 4.7mb
BRN 16.00 342 eP 24 41.00 6.6X
LOR 16.13 313 eP 24 34.90 -1.3
1.0s 62.80nm 4.7mb
RTB 16.19 100 ePc 24 36.00 -1.0
i 24 39.50
iPP 24 48.00
eS 27 45.00
eSS 28 12.00
AVF 16.19 311 eP 24 35.20 -1.7
0.9s 33.10nm 4.5mb
CAF 16.23 303 eP 24 36.20 -1.3
1.2s 62.40nm 4.6mb
SSF 16.24 312 eP 24 34.50 -3.0X
MLS 16.34 296 eP 24 39.90 1.0
WLF 16.35 323 P 24 42.50 3.6X
i 24 45.60
S 27 51.00
e 28 37.80
BGF 16.39 310 eP 24 38.20 -1.3
MZF 16.40 308 eP 24 39.70 0.1
1.2s 82.90nm 4.7mb
ASW 16.65 140 iPd 24 40.00 -2.8
eS 27 40.00
TCF 16.67 308 eP 24 41.40 -1.6
1.2s 69.90nm 4.7mb
STB 16.69 327 eP 24 46.30 3.1X
RJF 16.73 304 eP 24 43.90 0.2
1.3s 101.00nm 4.8mb
LPO 16.74 302 eP 24 44.60 0.8
1.1s 48.80nm 4.5mb
BNS 16.82 328 iPd 24 49.50 4.7X
1.3s 230.00nm 5.1mb
eS 28 03.00
EPF 16.89 296 eP 24 43.10 -2.7
1.0s 34.80nm 4.4mb
MEM 17.07 325 Pc 24 51.80 3.8X
S 28 11.00
LSF 17.08 307 eP 24 45.50 -2.7
LFF 17.12 302 eP 24 47.60 -1.1
ALI 17.17 280 eP 24 49.50 0.2
i 28 06.50
ENN 17.22 326 eP 24 53.50 3.7X
0.6s 21.00nm 4.4mb
e 24 58.00
DOU 17.40 322 P 24 54.60 2.6X
1.0s 272.20nm 5.3mb
S 27 58.40
MSL 17.56 87 eP 24 54.00 -0.1
eS 28 33.00
ATE 17.65 295 Pc 24 55.55 0.3
MADF 17.74 296 Pc 24 58.15 1.7
WTS 17.75 330 P 24 58.00 1.7
1.0s 92.00nm 4.9mb
SNF 17.82 323 P 25 00.40 3.2X
UCC 17.97 323 P 25 02.00 2.9X
S 28 30.00
MFF 18.29 307 eP 25 03.10 0.0
0.9s 81.80nm 4.9mb
WIT 18.43 331 eP 25 14.00 9.3X
LDF 19.12 312 eP 25 12.40 -0.8
0.9s 112.60nm 5.1mb
COP 19.19 345 ePc 25 15.00 1.0
1.0s 228.00nm 5.4mb
TAF 19.27 269 iP 25 16.00 0.7
i 25 32.00
8HD 19.32 96 ePc 25 13.50 -2.2
iS 28 46.00
iSS 29 23.00
FLN 19.41 313 eP 25 15.40 -1.1
LPF 19.42 310 eP 25 15.10 -1.6
0.8s 80.50nm 5.0mb
GRR 19.46 311 eP 25 15.80 -1.4
1.1s 84.50nm 4.9mb
CRT 19.74 277 iP 25 22.00 1.6
TOL 19.88 285 iPc 25 21.10 -0.6
1.2s 15.00nm 4.2mb X
iPP 25 32.00
iS 29 03.00
eSS 29 38.00
MUD 20.67 341 iPd 25 31.50 1.7
1.0s 60.00nm 4.9mb
KER 21.16 91 eP 25 32.00 -3.2X
IFR 21.80 268 iP 25 42.00 0.4
UPP 22.55 355 iPd 25 48.20 -0.4

0.8s 200.00nm 5.6mb
i 29 51.40
NUR 23.19 4 iP 25 54.00 -0.8
0.8s 113.00nm 5.4mb
Z 16s 10.40um 5.4MszX
i 26 04.50
iS 30 02.50
LR 35 40.00
PTO 23.33 288 iPc 25 37.50 -18.9X
iS 30 09.00
AVE 23.68 269 iPd 26 02.00 2.1
i 26 19.00
TEH 24.22 85 eP 26 06.00 0.7
NAO 24.31 348 P 26 05.40 -0.4
1.0s 90.10nm 5.3mb
ECP 24.31 316 iPc 26 06.20 0.4
1.0s 110.00nm 5.4mb
EKA 24.35 325 Pc 26 07.70 1.5
0.7s 171.80nm 5.7mb
ESK 24.36 325 ePc 26 07.00 0.7
1.0s 280.00nm 5.8mb
ETA 24.46 317 iPc 26 68.00 0.7
1.0s 145.00nm 5.5mb
ESY 24.47 327 ePc 26 08.50 1.1
0.6s 54.00nm 5.3mb
EBL 24.57 326 ePc 26 09.60 1.3
ECB 24.62 316 iPc 26 09.30 0.5
1.0s 130.00nm 5.5mb
EDI 24.73 326 eP 26 10.90 1.1
0.6s 144.00nm 5.7mb
EAU 24.80 326 ePc 26 11.50 1.0
EDU 25.04 327 eP 26 13.00 0.2
EBH 25.07 327 ePc 26 13.50 0.4
0.8s 220.00nm 5.8mb
ELO 25.30 327 ePc 26 16.20 0.9
0.7s 90.00nm 5.5mb
EA8 25.40 326 eP 26 15.80 -0.4
SUF 25.48 5 iP 26 16.60 -0.3
VAL 26.41 313 iP 26 27.60 2.1
S 31 16.00
KJF 27.07 6 iP 26 31.40 -0.1
0.8s 67.50nm 5.3mb
Z 20s 13.20um 5.5Msz
i 26 44.20
eS 31 06.00
LR 38 00.00
SHI 27.13 97 e(P) 26 30.00 -2.6
SOD 30.13 4 iP 26 58.70 -0.3
i 27 07.50
TRO 32.27 358 iP 27 17.30 -0.5
AAE 32.43 146 eP 27 21.00 1.0
KEV 32.52 4 iP 27 18.60 -1.3
0.7s 33.40nm 5.4mb
Z 20s 9.60um 5.5Msz
i 27 29.00
eS 32 32.00
LR 41 20.00
BNG 32.95 185 iPd 27 23.10 -1.1
0.7s 269.00nm 6.3mb
ic 27 40.50
id 28 47.00
AKU 36.30 334 eP 27 55.00 2.6X
1.2s 50.00nm 5.3mb
REY 36.99 330 eP 27 53.50 -4.7X
0.9s 0.50nm 3.4mb X
QUE 38.37 87 eP 28 08.80 -1.7
eS 34 10.00
KIC 38.94 224 iP 28 14.60 -0.5
1.1s 508.00nm 6.2mb
NAI 41.14 156 eP 28 35.00 1.6
1.0s 150.00nm 5.7mb
KBS 41.76 357 eP 28 35.00 -2.6
DAG 43.15 347 iPd 28 49.80 0.8
0.4s 22.03nm 5.3mb
NDI 47.13 84 iPd 29 19.50 -1.9
1.0s 85.00nm 5.7mb
iS 36 06.50
POO 49.48 97 iPd 29 39.00 -0.8
GDH 50.19 333 iPd 29 45.70 1.1
1.0s 50.00nm 5.5mb
ALE 52.28 351 eP 30 00.00 -0.3
0.7s 25.00nm 5.3mb
HYB 53.81 95 eP 30 08.50 -3.9X
DMN 53.83 81 iPc 30 10.10 -2.7
KKN 53.89 80 iPc 30 10.00 -3.1X
PKI 54.09 81 iPc 30 11.60 -3.1X
KRI 54.56 170 iPd 30 17.10 -0.8

07d 10h

TET	54.55	165	iPd	30	21.00	3.3X
MTD	54.81	168	iPd	30	21.20	1.5
GBA	55.11	100	P	30	19.00	-2.9
FRB	57.07	328	eP	30	36.00	0.6
KOD	57.16	103	eP	30	35.00	-2.0
BUL	57 70	172	iPd	30	39.90	-0.5
SCH	59.36	318	eP	30	51.00	-0.6
WIN	59.82	184	iPd	30	54.50	-0.6
	1.0s	63.00nm			5.7mb	
SHL	60.13	79	iP	30	53.40	-4.0X
AVY	61.37	151	eP	31	05.00	-0.8
SLR	63.19	173	iPc	31	16.50	-1.2
	1.0s	36.00nm			5.5mb	
Z	19s	1.74um			5.2Msz	
LZH	64.03	63	Pd	31	21.50	-1.8
EVA	64.04	172	eP	31	22.50	-0.8
BFS	64.21	174	iPc	31	22.50	-1.9
	1.5s	122.22nm			5.8mb	
SWZ	64.40	176	iPd	31	27.00	1.4
	1.0s	40.00nm			5.5mb	
SEK	65.69	174	iPc	31	33.40	-0.6
	0.5s	35.21nm			5.7mb	
BLF	66.37	175	eP	31	34.00	-4.2X
MNT	67.48	311	eP	31	46.00	0.9
KMI	68.76	74	Pd	31	51.50	-2.2
			eS	40	48.00	
OTT	68.79	311	ePd	31	54.10	0.8
	0.9s	33.00nm			5.4mb	
CHG	69.23	82	iPd	31	54.40	-2.0
	1.0s	47.50nm			5.5mb	
SUR	69.46	180	iPc	31	57.90	0.3
	0.7s	46.58nm			5.7mb	
BDT	70.15	83	eP	31	57.00	-5.0X
TUH	70.40	182	iPd	32	05.00	2.0
	0.9s	84.03nm			5.8mb	
BJI	70.41	54	eP	32	01.00	-2.2
			eS	41	09.00	
NST	71.93	84	iPd	32	11.10	-1.6
ITR	72.19	244	eP	32	14.60	0.3
	1.1s	72.60nm			5.6mb	
INK	72.88	350	eP	32	17.00	-0.5
NNT	73.38	87	eP	32	19.70	-1.6
YKC	74.25	340	eP	32	25.00	-0.6
SOB1	74.27	245	eP	32	27.40	1.0
RSON	75.19	324	eP	32	31.20	0.0
	0.9s	18.49nm			5.1mb	
UTO	75.61	312	ePd	32	15.40	-18.4X
FFC	76.10	330	iPd	32	36.80	0.5
	1.3s	38.00nm			5.2mb	
SJG	77.20	283	e(P)	32	44.00	1.0
SNG	77.25	91	eP	32	41.50	-1.9
COL	77.63	355	eP	32	46.00	1.4
PSI	78.59	95	eP	32	48.70	-2.0
	0.9s	104.20nm			5.8mb	
SSE	78.86	59	Pd	32	50.10	-1.9
ATB	78.95	257	Pd	32	54.50	1.9
IPM	79.13	93	ePd	32	49.60	-4.1X
PRM	79.49	305	eP	32	56.20	0.8
PMR	81.00	355	P	33	03.00	0.2
EDM	81.50	334	eP	33	06.50	0.8
PPI	81.67	97	iPc	33	06.20	-0.9
	0.6s	39.30nm			5.6mb	
FVM	82.02	312	eP	33	09.70	1.1
	1.0s	30.00nm			5.3mb	
KGM	82.49	93	ePc	33	11.30	-0.1
ANP	82.68	64	eP	33	13.00	0.7
SES	82.96	332	eP	33	14.00	0.6
BAO	83.69	245	iPd	33	19.40	1.8
RSSD	84.89	324	eP	33	25.20	1.7
	1.3s	16.13nm			5.1mb	
RXF	85.74	333	eP	33	28.70	1.2
BMA	85.76	237	eP	33	29.00	1.2
RLO	85.94	313	iPd	33	29.80	1.2
YKW	85.96	333	iPd	33	29.70	1.1
MAT	86.09	46	eP	33	28.00	-1.3
	0.9s	21.01nm			5.4mb	
Z	20s	0.89um			5.2Msz	
			eS	43	52.00	
LDM	86.15	333	iPd	33	30.70	1.2
LHD	86.41	333	iPd	33	32.10	1.3
TUL	86.57	314	iPd	33	33.20	1.6
	1.3s	124.50nm			6.0mb	
PNT	86.91	336	eP	33	34.00	0.9
	1.0s	19.00nm			5.3mb	
NEW	86.96	334	eP	33	35.00	1.6
			e	33	46.00	
BHO	87.10	312	ePd	33	36.40	2.2
LRM	87.23	330	eP	33	36.20	1.2
BAG	87.37	71	iP	33	34.20	-1.8
OCO	87.80	314	eP	33	39.60	2.0
VAO	87.87	239	eP	33	39.70	1.6
BDW	88.47	326	eP	33	41.20	0.2
	1.7s	33.04nm			5.4mb	
GLD	88.80	322	eP	33	43.70	1.1
	1.4s	27.03nm			5.4mb	
GOL	88.91	322	eP	33	43.70	0.5
	1.3s	10.42nm			5.0mb	
PPR	90.01	78	ePd	33	49.00	0.7
JCT	92.79	312	iP	34	02.10	1.0
	1.0s	15.50nm			5.4mb	
Z	20s	1.42um			5.4Msz	
ALQ	93.13	319	eP	34	03.50	0.7
	1.3s	10.58nm			5.1mb	
Z	20s	1.33um			5.4Msz	
BMN	93.65	330	eP	34	05.90	0.9
EUR	93.93	328	iP	34	08.00	1.6
	0.5s	3.72nm			5.1mb	
CGP	95.44	75	iPc	34	11.40	-1.9
LTX	95.89	314	eP	34	15.90	0.5
	0.9s	4.62nm			4.9mb	
ARN	98.01	331	eP	34	26.00	1.3
CCH	98.34	255	eP	34	29.00	2.4X
ZOBO	99.21	257	eP	34	11.00	-19.9X
Z	22s	0.71um			5.1Msz	
		LR		10	40.00	
LPB	99.34	256	(P)	34	15.00	-16.4X
Z	21s	0.36um			4.8Msz	
		LR		10	40.00	
CNCB	99.41	256	(P)	34	19.00	-12.9X
WRA	119.94	93	ePKP	39	38.20	-1.3
		e		41	08.00	
ASPA	121.53	97	ePKP	39	42.00	-0.5
	0.9s	23.00nm				
SPA	127.26	180	ePKP	39	52.90	0.6
	1.0s	17.50nm				
SBA	136.94	170	e(PKP)	40	04.80	-5.5X
CAN	138.33	103	ePKP	40	13.00	-1.3
WAM	138.52	105	ePKP	40	14.20	-0.3
NOU	146.50	73	iPKPd	40	32.00	3.3X
S.D. = 1.3 on 226 of 275 obs.						

* SEP 07, 1985 11h 34m 18.37± 0.74s
41.701 N ± 7.9km 23.754 E ± 6.6km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

MMB	0.11	190	iPgc	34	21.00	-0.3
PLD	0.82	60	iPg	34	34.00	-0.2
VAY	0.97	247	iPg	34	37.00	0.3
			iSg	34	47.70	
VTS	0.99	336	eP	34	37.00	-0.1
KDZ	1.20	92	iPgc	34	41.00	0.3
S.D. = 0.4 on 5 of 5 obs.						

? SEP 07, 1985 12h 15m 08.58± 1.18s
20.478 S ±21.0km 67.711 E ±16.5km
DEPTH = 10.0km (geophysicist)
4.2mb (4 obs.)
MID-INDIAN RISE (429)

GBA	35.19	17	Pd	22	04.90	-0.1
	0.8s	3.30nm			4.3mb	
CHTO	49.62	40	eP	24	02.10	-0.3
	0.8s	1.65nm			4.1mb	
PKI	50.74	20	eP	24	11.30	0.1
KKN	50.91	20	eP	24	12.60	0.3
	0.4s	21.00nm			5.4mb	X
BNG	54.23	292	iPc	24	37.10	0.0
	0.3s	4.00nm			4.9mb	
		id		24	43.10	
WRA	62.11	102	Pc	25	32.50	0.1
	0.3s	0.40nm			4.1mb	
S.D. = 0.2 on 6 of 6 obs.						

* SEP 07, 1985 12h 51m 01.74± 1.06s
31.706 N ±13.4km 131.896 E ±10.8km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
KYUSHU, JAPAN (235)

MAT	7.12	46	eP	52	46.00	-0.2
NJ2	11.09	275	Pc	53	43.10	2.0
SNY	12.10	329	eP	53	55.90	1.3
CN2	13.10	339	eP	54	14.40	6.4X
BJI	15.20	308	eP	54	36.50	1.0
TIY	17.08	296	eP	55	00.50	0.9
HHC	18.73	305	P	55	20.00	0.0
XAN	19.43	283	P	55	26.40	-2.0
BTO	19.73	303	eP	55	31.00	-0.6
GYA	22.64	263	P	56	00.80	-0.5
LZH	23.65	288	eP	56	10.00	-1.1
CD2	24.03	276	eP	56	14.40	-0.3
GTA	27.10	295	P	56	41.90	-1.7
WRA	51.41	177	Pd	00	06.90	1.3
	1.1s	2.50nm			4.1mb	
WRA	51.41	177	eP	00	17.20	11.6X
INK	62.60	25	eP	01	35.00	10.4X
S.D. = 1.3 on 13 of 16 obs.						

* SEP 07, 1985 12h 56m 13.47± 2.05s
33.288 S ± 6.8km 71.689 W ±16.0km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.71	161	iP	56	26.90	-0.5
			iS	56	42.90	
TACH	0.73	120	iPd	56	28.30	0.5
			iS	56	44.50	
PEL	0.85	81	iP	56	29.60	-0.4
			iS	56	46.80	
BACH	1.00	94	iPc	56	32.30	-0.2
PCH	1.04	109	iP	56	33.00	-0.1
			iS	56	55.00	
CHCH	1.08	127	iP	56	34.40	0.6
FCH	1.17	92	eP	56	35.00	-0.6
			iS	56	59.00	
RTCV	3.02	63	e(P)	57	03.30	1.1
RTCB	3.03	54	ePc	57	02.20	-0.3
RTLL	3.35	55	e(P)	57	06.80	-0.2
S.D. = 0.6 on 10 of 10 obs.						

? SEP 07, 1985 12h 58m 27.52± 2.87s
37.207 N ±26.0km 21.217 E ±14.1km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
SOUTHERN GREECE (368)
ML 3.4 (ATH).

VLS	1.09	333	ePb	58	46.50	0.0
			eSg	59	02.00	
ATH	2.13	68	ePb	59	03.00	1.6
KZN	3.12	8	ePn	59	17.00	1.3
OHR	3.91	355	ePn	59	28.70	1.9
VAY	4.24	14	iPn	59	31.30	-0.1
PRK	4.47	61	ePb	59	41.00	6.3X
SKO	4.76	2	ePn	59	38.00	-0.8
MMB	4.79	23	iPd	59	39.00	-0.2
KDZ	5.46	35	iPd	59	47.00	-1.7
VTS	5.60	15	iP	59	51.00	0.4
KHC	13.15	337	eP	01	44.00	9.6X
NUR	23.42	4	eP	03	32.00	-2.2
EKA	24.54	325	P	03	46.00	0.9
	0.8s	7.40nm			4.3mb	
SUF	25.72	5	iP	03	55.00	-1.2
KJF	27.31	6	eP	04	18.00	7.3X
S.D. = 1.4 on 12 of 15 obs.						

SEP 07, 1985 14h 21m 33.14± 0.70s
26.193 S ± 6.5km 28.202 E ±10.5km
DEPTH = 10.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

SLR	0.46	9	iPd	21	43.50	0.9
			S	21	49.90	
EVA	0.84	112	eP	21	48.50	-1.1
PRY	0.98	222	iPc	21	52.00	0.1
BFS	1.45	241	eP	21	58.50	-1.0
			(S)	22	13.70	
SEK	2.18	193	iPc	22	12.00	1.8
			S	22	38.50	
SWZ	2.76	248	iPd	22	21.50	3.2X
			S	22	59.00	
BLF	3.41	211	eP	22	27.30	-0.3
JOZ	3.68	111	eP	22	52.70	21.4X
BUL	6.03	4	ePn	23	05.00	0.3
			eSn	24	12.00	
			iSg	24	39.00	
SUR	8.92	225	eP	24	18.70	33.5X
KRI	9.41	8	ePn	23	52.00	0.1
			eSn	25	32.00	
			eSg	26	24.00	

MTD	9.88	19	ePn	23	59.80	1.4
			eSn	25	45.60	
LSZ	10.86	360	IP	24	09.50	-2.4
			IS	26	10.00	
			ILg	27	09.60	
S.D. = 1.4 on 10 of 13 obs.						

? SEP 07, 1985 14h 28m 44.72± 3.84s
36.730 N ±33.4km 21.303 E ±17.5km
DEPTH = 33.0km (normal)
SOUTHERN GREECE (368)
ML 3.6 (ATH).

VLS	1.55	339	ePb	29	10.00	-0.4
			eSg	29	26.00	
ATH	2.29	56	ePb	29	26.50	5.6X
			eSg	29	59.50	
KZN	3.59	6	ePn	29	40.50	1.0
NPS	3.79	111	ePn	30	10.00	27.8X
OHR	4.39	355	IPn	29	51.00	0.1
VAY	4.69	12	IPn	29	54.50	-0.5
MMB	5.21	20	IPc	30	02.00	-0.3
SKO	5.24	1	ePn	30	09.50	6.8X
KDZ	5.82	31	IPd	30	11.00	0.0
VTS	6.04	13	IP	30	14.00	-0.1
NUR	23.89	4	eP	33	55.00	-1.0
SUF	26.19	5	IP	34	18.80	1.1
S.D. = 0.8 on 9 of 12 obs.						

SEP 07, 1985 14h 33m 30.86± 1.28s
26.029 N ± 6.2km 125.974 E ± 9.5km
DEPTH = 128.2 ± 13.6 km
4.3mb (2 obs.)
NORTHEAST OF TAIWAN (245)

ANP	4.11	25	eP	34	24.00	-9.0X
TATO	4.19	256	e(P)	34	32.80	-1.1
SSE	6.57	321	P	35	05.00	-1.3
			sP	35	33.00	
NJ2	8.65	316	eP	35	34.40	0.0
			S	37	07.40	
TIA	12.66	325	eP	36	28.10	0.7
MAT	14.79	42	IP	36	56.00	1.3
SNY	15.88	353	IPc	37	08.80	0.5
BJI	16.19	332	eP	37	12.50	0.3
TIY	16.35	319	eP	37	15.50	1.3
QIZ	16.44	248	eP	37	17.60	2.2
XAN	16.77	302	P	37	20.00	0.5
CGP	17.52	184	IPd	37	28.50	-0.1
CN2	17.74	359	eP	37	29.00	-2.1
			pP	37	50.80	
HHC	19.02	325	P	37	46.00	0.7
BTO	19.67	322	eP	37	55.50	3.3X
CD2	20.12	289	eP	37	56.50	-0.2
LZH	21.40	305	eP	38	10.00	0.3
GTA	25.63	308	P	38	49.00	-1.2
			pP	39	11.90	106kmX
MTN	38.96	172	eP	40	44.00	-2.1
WRA	46.41	169	Pc	41	45.30	-1.0
	0.7s		12.90nm			4.8mb
YOU	63.63	159	eP	43	50.90	0.6
CAN	64.79	159	eP	43	59.20	1.4
COL	65.17	28	eP	43	59.30	-0.6
WAM	65.55	160	eP	44	03.40	0.8
INK	69.87	23	IPd	44	28.60	-0.5
SUF	71.54	331	IP	44	38.30	-1.0
NAO	78.86	333	P	45	19.80	-1.1
	0.7s		1.70nm			3.9mb
YKA	79.55	24	eP	45	26.10	1.6
S.D. = 1.2 on 26 of 28 obs.						

& SEP 07, 1985 15h 19m 59.04s
59.935 N 153.110 W
DEPTH = 101.6km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.29	31	IP	20	13.53	-0.5
			eS	20	24.94	
PDB	0.57	255	IP	20	14.93	-0.8
			eS	20	27.49	
RDT	0.73	28	IP	20	16.66	-0.6
			eS	20	30.29	
CNPM	1.03	113	IP	20	19.28	-1.0
			eS	20	35.38	
BRLK	1.14	98	IP	20	20.28	-1.1
			eS	20	37.25	
NKA	1.23	48	eP	20	23.78	1.3
SPU	1.36	22	eP	20	23.73	-0.3
CRP	1.42	19	eP	20	24.84	-0.1
CGLM	1.48	21	eP	20	25.16	-0.5
SLKM	1.55	67	eP	20	25.62	-0.8
SEW	1.85	83	eP	20	28.69	-1.4
SUA	1.93	36	eP	20	31.07	-0.3
MPA	1.95	72	eP	20	30.26	-1.3
			eS	20	48.77	
PMS	2.19	52	eP	20	33.91	-0.6
			eS	20	59.67	
SKT	2.19	20	eP	20	34.17	-0.6
PTE	2.23	64	eP	20	33.97	-1.2
PWA	2.34	41	eP	20	36.76	0.1
PWL	2.55	67	eP	20	36.95	-2.5
KNIM	2.72	79	eP	20	39.67	-2.1
			eS	21	10.68	
KNK	2.73	55	eP	20	40.46	-1.5
			eS	21	11.81	
MTU	2.75	87	eP	20	40.59	-1.6
GHO	2.76	46	eP	20	40.97	-1.4
CFI	2.92	62	eP	20	44.98	0.5
SML	3.00	49	eP	20	43.28	-2.3
GLI	3.13	70	eP	20	45.61	-1.8
HIN	3.34	79	eP	20	48.23	-1.9
FID	3.40	73	eP	20	48.42	-2.6
KLU	3.86	63	eP	20	54.53	-2.9
28 obs. associated						

? SEP 07, 1985 15h 29m 36.42± 1.56s
28.015 N ±11.7km 140.659 E ±23.4km
DEPTH = 33.0km (normal)
5.1mb (5 obs.)
BONIN ISLANDS REGION (212)

MAT	8.75	347	(P)	31	44.00	0.3
	0.7s		7.53nm			5.0mb
NJ2	19.30	287	Pc	34	03.10	1.7
SNY	19.60	319	eP	34	03.80	-0.9
CN2	19.95	326	eP	34	10.00	1.6
TIA	21.51	298	P	34	24.40	-0.1
BJI	23.49	307	eP	34	42.00	-2.0
TIY	25.52	299	eP	35	03.80	0.1
HHC	27.06	306	eP	35	17.50	-0.4
XAN	27.78	290	P	35	23.70	-0.7
CD2	32.17	284	eP	36	03.20	-0.2
GTA	35.55	299	P	36	31.60	-1.1
WRA	48.07	188	Pc	38	14.70	-0.1
	0.8s		15.60nm			5.1mb
PKI	48.51	283	eP	38	19.10	0.4
	0.9s		13.00nm			5.0mb
KKN	48.57	283	eP	38	19.60	0.6
	0.9s		34.00nm			5.4mb
DMN	48.76	283	eP	38	21.20	0.7
	0.8s		21.00nm			5.2mb
NDI	55.22	287	eP	39	03.50	-5.1X
S.D. = 1.0 on 15 of 16 obs.						

? SEP 07, 1985 15h 54m 38.27± 3.48s
18.499 N ±26.6km 102.925 W ±29.1km
DEPTH = 10.0km (geophysicist)
MICHOACAN, MEXICO (57)

PIM	1.02	103	iP	54	56.50	-1.0
			iS	55	09.00	
OXM	3.17	75	iP	55	29.00	-0.4
			i	55	59.00	
III	3.28	92	iP	55	33.50	2.5X
TPM	3.69	82	iP	55	38.00	1.2
			i	56	23.00	
PIO	5.04	114	eP	55	56.00	0.4
VHO	6.03	101	eP	56	12.00	2.1X
LTX	10.81	357	eP	57	16.00	-0.2
	1.0s		2.60nm			4.6mb X
S.D. = 1.2 on 5 of 7 obs.						

& SEP 07, 1985 17h 13m 44.26s
62.393 N 151.127 W
DEPTH = 81.6km
CENTRAL ALASKA (1)
<AGS-P>.

SKT	0.46	205	iP	13	57.27	-0.7
			eS	14	07.89	
PWA	0.95	141	iP	14	02.35	-0.7
SUA	0.95	169	iP	14	02.57	-0.6
CGLM	1.17	201	eP	14	04.94	-0.9
GHO	1.21	120	IP	14	05.98	-0.4
CRP	1.23	204	eP	14	06.12	-0.6
			eS	14	23.54	
PME	1.25	127	IP	14	06.12	-0.7
SPU	1.29	200	eP	14	06.69	-0.7
			eS	14	24.71	
PMS	1.37	146	eP	14	07.68	-0.7
			eS	14	26.50	
SML	1.44	113	IP	14	08.45	-0.8
KNK	1.60	127	eP	14	10.50	-0.9
			eS	14	33.36	
NKA	1.66	182	eP	14	14.25	2.2
PTE	1.83	146	eP	14	13.16	-1.3
SCM	1.87	106	eP	14	13.82	-1.3
RDT	1.93	199	eP	14	15.55	-0.3
SLKM	1.94	167	eP	14	15.40	-0.6
			eS	14	38.53	
CFI	2.01	126	eP	14	15.50	-1.3
PWL	2.04	138	IP	14	15.48	-1.8
MPA	2.09	155	IP	14	16.54	-1.4
TTA	2.32	286	IP	14	19.73	-1.4
TOA	2.34	95	eP	14	20.75	-0.7
SEW	2.44	160	eP	14	25.01	2.3
GLI	2.45	126	eP	14	21.10	-1.8
SVW	2.50	241	IP	14	21.48	-2.1
VZW	2.56	120	eP	14	22.75	-1.7
VLZ	2.61	117	eP	14	22.61	-2.4
KLU	2.62	108	eP	14	23.07	-2.3
KNIM	2.62	140	eP	14	22.31	-3.0
FID	2.77	124	eP	14	24.93	-2.4
CNPM	2.88	181	eP	14	29.49	0.7
FBA	2.92	29	eP	14	27.75	-1.7
31 obs. associated						

& SEP 07, 1985 17h 27m 30.50s
37.375 N 121.755 W
DEPTH = 5.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.0 (BRK).
Mo=3.8*10**20 (BRK). Felt at San Jose.

MHC	0.10	110	IPc	27	32.70	0.0
ARN	0.18	98	IPd	27	34.00	-0.2
GCC	0.39	209	IPd	27	38.70	0.3
PCC	0.51	284	IPc	27	40.60	-0.2
SLD	0.52	125	eP	27	40.20	-0.8
BKS	0.63	323	IPc	27	43.10	0.0
			e	27	44.00	
			IS	27	52.30	
BRK	0.64	321	IPc	27	43.00	-0.3
SAO	0.66	158	IPd	27	43.50	-0.2
ZSP	0.69	325	IPd	27	44.80	0.4
			IS	27	55.40	
LLA	1.00	139	ePc	27	48.30	-1.6
PRS	1.09	163	IPc	27	50.40	-1.0
JAS1	1.19	62	IPd	27	52.20	-1.0
NWRM	1.40	321	eP	27	57.20	0.5
PRI	1.51	144	eP	27	56.50	-1.9
FRI	1.68	103	IPc	27	59.30	-1.3
EUR	5.01	63	IP	29	04.80	16.5
16 obs. associated						

& SEP 07, 1985 18h 03m 07.30s
37.360 N 121.752 W
DEPTH = 5.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.7 (BRK).

MHC	0.09	102	IPc	03	09.40	0.0
ARN	0.18	93	IPd	03	10.50	-0.4
GCC	0.38	211	IPd	03	15.20	0.2
SLD	0.51	124	eP	03	16.90	-0.6
PCC	0.52	286	IPc	03	17.30	-0.4
BKS	0.64	324	eP	03	19.80	-0.4
			I(Pn)	03	21.30	
			eS	03	29.00	
SAO	0.64	157	IPc	03	19.90	-0.3
BRK	0.65	322	IP	03	20.30	0.0
			IS	03	30.50	
ZSP	0.71	326	IPd	03	21.30	-0.2
			IS	03	31.90	
LLA	0.98	139	eP	03	24.90	-1.6
PRS	1.07	163	eP	03	27.30	-0.6
JAS1	1.20	61	IPd	03	28.80	-1.3
			IS	03	44.40	
NWRM	1.42	321	e(P)	03	33.50	-0.2

07d 18h

HAY 6.17 124 iPg 04 56.90 15.5
iSg 05 01.40
14 obs. associated

? SEP 07, 1985 18h 28m 50.92± 7.75s
61.477 N ±34.2km 4.093 E ±45.2km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

SUE 0.53 142 iPg 29 01.50 -0.2
eSg 29 08.20
HYA 1.06 106 iPn 29 10.90 0.1
eSn 29 25.80
ASK 1.13 151 ePn 29 11.50 -0.6
iSn 29 26.70
BER 1.25 151 ePn 29 15.00 0.9
iSn 29 29.60
ODD 1.99 139 ePn 29 24.70 -0.3
iSn 29 50.30
S.D. = 0.8 on 5 of 5 obs.

• SEP 07, 1985 19h 01m 45.85± 0.81s
25.410 N ±10.5km 97.610 E ± 8.2km
DEPTH = 33.0km (normal)
BURMA-CHINA BORDER REGION (297)

KMI 4.65 92 ePn 02 55.00 -0.9
Sn 03 57.00
SHL 5.18 273 eP 03 03.00 -0.3
CHG 6.68 169 iPd 03 48.00 23.8X
1.0s 32.50nm
CHTO 6.68 169 e(P) 03 24.70 0.5
eS 04 10.20
LSA 7.15 308 ePn 03 31.00 -0.3
CD2 7.71 43 P 03 39.60 0.9
Lg 05 45.00
GYA 8.22 81 P 03 51.20 5.3X
BDT 8.23 171 eP 04 14.50 28.6X
XAN 13.05 46 eP 04 50.40 -1.2
HYB 19.43 250 eP 06 16.00 3.5X
TIA 19.88 53 eP 06 16.40 -0.9
BJI 21.31 42 eP 06 34.00 2.1
QUE 27.49 287 eP 07 35.00 3.6X
S.D. = 1.3 on 8 of 13 obs.

& SEP 07, 1985 19h 24m 37.40s
33.690 N 116.740 W
DEPTH = 19.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.0 (PAS).

PLM 0.35 197 iPc 24 44.60 -0.4
eS 24 49.10
RVR 0.61 300 iPd 24 48.50 -0.7
iSc 24 56.70
TPC 0.71 54 iPc 24 50.60 -0.4
eS 24 59.90
SDW 0.96 343 iP 24 55.50 0.2
GLA 1.72 111 eP 25 07.50 0.8
VPEM 2.42 339 eP 25 16.30 -0.5
6 obs. associated

• SEP 07, 1985 19h 29m 33.08± 0.97s
35.781 N ±11.4km 140.109 E ±13.2km
DEPTH = 82.7 ± 6.7 km
4.4mb (2 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

TSK 0.43 0 iPc 29 46.40 -0.3
KYS 0.58 177 iPc 29 48.60 0.6
SRY 0.70 256 iPd 29 48.80 -0.4
DDR 0.77 287 iPd 29 50.00 0.0
S 30 01.30
OYM 0.79 243 iPd 29 49.90 -0.3
MAT 1.71 297 iPd 30 02.30 0.5
eS 30 25.00
WRA 55.69 187 Pd 39 02.70 -0.3
0.6s 1.60nm 4.2mb
GBA 60.07 265 Pc 39 34.10 0.2
0.6s 2.40nm 4.5mb
S.D. = 0.5 on 8 of 8 obs.

? SEP 07, 1985 19h 31m 00.68± 4.58s
33.394 S ±17.7km 71.701 W ±41.5km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

MDZ 2.45 79 eP 31 43.10 1.8
iS 32 17.10
RFA 3.02 118 e(P) 31 48.80 -0.6
RTCV 3.08 61 ePc 31 50.90 0.6
RTCB 3.10 53 e(P) 31 49.20 -1.5
RTLL 3.42 54 ePc 31 53.80 -1.4
VCA 5.53 34 ePc 32 26.00 0.9
S 33 39.00
SOB1 37.20 57 eP 38 14.30 0.3
e 38 16.20
e 38 21.80
S.D. = 1.5 on 7 of 7 obs.

• SEP 07, 1985 20h 46m 24.52± 1.72s
51.476 N ±17.5km 15.997 E ± 8.8km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.3 (VKA).

KSP 0.66 163 iPc 46 37.00 -0.7
iS 46 46.00
BRG 1.42 246 iPg 46 51.90 1.5
iSg 47 11.50
PRU 1.75 212 ePg 46 55.00 -0.1
Sn 47 14.00
Sg 47 19.50
e 47 23.50
CLL 1.88 266 ePn 46 56.00 -1.0
ePg 46 59.00
eSg 47 25.00
KHC 2.81 214 Pn 47 10.80 0.4
Pg 47 17.30
Sn 47 44.00
Sg 47 55.00
HOF 2.86 248 ePn 47 10.50 -0.5
KRA 2.88 118 eP 47 11.60 0.4
eS 47 56.80
MOX 2.89 255 ePg 47 19.00 7.6X
iSg 47 58.00
VKA 3.22 176 iPgd 47 25.00 8.9X
iSg 48 08.50
S.D. = 1.0 on 7 of 9 obs.

? SEP 07, 1985 21h 26m 33.19± 1.42s
46.115 N ±26.2km 14.307 E ±17.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.8 (KBA). Felt (V) at
Postojna.

LJU 0.17 114 ePg 26 37.00 -0.1
0.2s 1150.00nm
iSg 26 42.80
i 26 44.90
KBA 1.17 326 iPgd 26 53.30 -1.9
id 26 54.00
iSg 27 11.00
ZAG 1.21 104 ePg 26 55.60 -0.1
eSg 27 17.60
BHG 1.88 329 iPc 27 07.70 2.0
OGA 2.39 290 iPnc 27 13.20 0.0
KHC 3.06 351 ePg 27 27.00 4.5X
Sg 28 13.50
S.D. = 1.9 on 5 of 6 obs.

• SEP 07, 1985 22h 59m 20.24± 0.60s
56.223 S ±11.1km 30.061 W ±18.2km
DEPTH = 33.0km (normal)
5.0mb (4 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SNA 18.57 150 eP 03 36.50 0.4
SPA 33.96 180 eP 06 01.70 -0.6
1.0s 24.50nm 5.1mb
VAO 35.44 332 e(P) 06 07.00 -8.3X
BAO 42.76 334 e(P) 07 17.00 0.8
TPZ 43.57 308 eP 07 23.00 0.0
SBA 45.78 185 iPc 07 39.80 0.1
1.0s 18.00nm 4.9mb
CCH 47.36 310 eP 07 52.00 -1.2
SOB1 47.66 345 eP 07 54.80 -0.4
e 08 01.30
ITR 47.80 349 eP 07 56.00 -0.2
CNCB 48.67 308 eP 08 11.00 7.4X
LPB 48.96 308 eP 08 08.00 2.3
ZOBO 49.21 309 P 08 06.80 -1.0
1.1s 20.30nm 5.1mb
iS 15 16.00
LR 23 00.00
BNG 72.27 52 iPd 10 44.00 -0.1
1.0s 8.00nm 4.7mb
ic 10 46.10
NAO 121.08 22 PKP 18 15.00 5.5X
0.7s 1.40nm
INK 144.92 321 ePKP 18 52.00 -1.8X
S.D. = 1.1 on 11 of 15 obs.

SEP 07, 1985 22h 59m 34.86± 0.80s
4.332 S ± 8.5km 152.916 E ± 5.5km
DEPTH = 59.6 ± 7.3 km
5.2mb (4 obs.)
NEW BRITAIN REGION (192)
Felt (IV) at Rabaul.

RAB 0.76 281 iPd 59 48.00 -1.9
BIAL 2.10 242 iPd 00 07.50 -0.7
KVG 2.75 309 iPc 00 17.10 -0.2
BGA 2.89 129 iPd 00 18.50 -1.0
eS 00 57.00
PAA 3.22 127 iPd 00 24.90 0.7
eS 01 07.00
LAT 6.32 248 eP 01 10.00 2.3
MDG 7.17 262 eP 01 21.00 1.5
PMG 7.63 228 eP 01 27.00 1.2
VSG 8.33 126 eP 01 37.00 1.4
SVO 8.36 125 eP 01 36.00 0.1
e(S) 03 08.00
HNR 8.62 126 eP 01 40.00 0.4
eS 03 15.00
WEW 9.30 274 eP 01 50.00 1.1
CTA 16.95 202 eP 03 31.00 1.4
KOU 19.56 147 iPc 03 59.20 -1.5
ISQ 20.84 217 eP 04 13.00 -1.0
NOU 22.16 145 iPc 04 25.10 -2.1
BRS 22.93 180 P 04 37.80 3.0X
WRA 23.84 228 iPd 04 43.20 -0.4
eS 08 55.80
KNA 26.31 243 eP 05 07.00 0.1
MBL 36.22 240 eP 06 32.50 -1.6
MEK 39.62 232 iPc 07 01.70 -0.9
0.5s 68.00nm 5.8mb
NAU 40.46 240 eP 07 08.00 -1.5
0.5s 11.00nm 4.9mb
TCW 41.42 155 P 07 18.00 1.0
pP 07 31.40 51kmX
KLB 42.71 226 eP 07 26.40 -1.4
BAL 42.97 228 eP 07 29.00 -0.9
LZH 60.98 316 eP 09 45.00 0.4
DRV 62.87 186 e(P) 09 56.50 0.0
SBA 73.83 177 iPc 11 07.60 3.2X
1.0s 19.00nm 5.0mb
COL 81.41 22 eP 11 45.00 -1.4
SPA 85.70 180 eP 12 09.20 0.8
1.0s 39.00nm 5.5mb
INK 87.98 21 ePc 12 17.90 -1.3
QUE 88.67 300 eP 12 11.00 -12.6X
BRG 122.32 331 iPKP 18 26.10 1.4
1.0s 12.00nm
CLL 122.50 331 iPKPd 18 25.90 0.9
0.9s 9.00nm
KHC 123.60 329 PKP 18 29.00 1.7X
MEM 126.17 334 PKP 18 33.70 1.5
WLF 126.80 334 PKP 18 31.80 -1.6
BNG 134.51 272 ePKPc 18 45.20 -4.0X
0.5s 4.00nm
ic 18 47.30
VAO 146.61 145 ePKP 19 12.00 1.4
BAO 151.33 134 e(PKP)19 19.40 1.3
ATB 153.76 106 e(PKP)19 23.00 1.5
ITR 162.77 139 ePKP 19 32.60 0.6
S.D. = 1.3 on 37 of 42 obs.

? SEP 07, 1985 23h 55m 27.31±11.89s
61.448 N ±50.1km 3.834 E ±69.3km
DEPTH = 10.0km (geophysicist)
NORWEGIAN SEA (642)

SUE 0.60 131 iPg 55 39.20 -0.1
iSg 55 46.00
HYA 1.17 103 iPn 55 49.20 0.1
iSn 56 04.10
ASK 1.17 145 iPn 55 49.20 0.0
eSn 56 03.20
BER 1.29 145 ePn 55 51.40 0.2

			ISn	56 06.50	
ODD	2.05	136	ePn	56 02.00	-0.2
			ISn	56 23.80	

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

* SEP 08, 1985 01h 09m 15.54± 0.88s
32.778 N ±12.6km 141.597 E ±13.1km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
SOUTH OF HONSHU, JAPAN (211)

MAT	4.68	324	iPc	10 27.00	1.3
			eS	11 22.00	
MDJ	15.06	325	eP	12 46.50	-1.0
CN2	16.76	316	eP	13 08.00	-1.2
SNY	16.92	307	eP	13 13.40	2.2
BJI	21.66	297	eP	14 04.00	-1.1
XAN	27.25	282	eP	14 57.40	-1.2
CD2	32.09	277	eP	15 40.20	-1.6
GTA	34.17	293	P	16 00.00	0.1
PKI	48.38	279	eP	17 57.80	1.1
	0.7s		7.00nm		4.8mb
KKN	48.41	280	eP	17 58.10	1.3
	0.8s		12.00nm		5.0mb
DMN	48.62	280	eP	17 58.80	0.3
WRA	52.88	189	P	18 31.00	0.5
	0.5s		2.90nm		4.5mb
GBA	61.12	268	Pd	19 28.90	-0.3
	0.7s		4.90nm		4.7mb
LRM	77.10	44	eP	21 07.40	-0.1
EUR	78.41	50	eP	21 14.70	-0.1

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

? SEP 08, 1985 03h 01m 47.75± 2.07s
30.166 S ± 8.1km 67.600 W ±34.9km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	1.38	213	ePc	02 10.10	-0.8
			S	02 27.60	
VCA	1.51	340	eP	02 13.00	0.0
			S	02 33.00	
RTMQ	1.62	214	ePc	02 14.40	0.0
			S	02 34.00	
RTCB	1.67	218	ePc	02 15.40	0.2
			S	02 35.80	
RTCV	1.87	205	ePc	02 19.00	0.9
			S	02 47.10	
RFA	4.65	189	e(P)	02 57.30	-0.2
SLA	5.73	20	e(P)	03 27.00	14.1X

S.D. = 0.7 on 6 of 7 obs.

? SEP 08, 1985 03h 21m 49.71± 3.53s
11.594 N ±46.6km 90.271 W ±22.8km
DEPTH = 33.0km (normal)
4.1mb (4 obs.)
OFF COAST OF CENTRAL AMERICA (76)

COM	4.97	339	IP	23 06.00	1.8
PBJ	6.93	315	IP	23 29.00	-2.6
			iS	24 37.00	
VHO	8.40	313	iPd	23 53.50	1.1
TPM	11.22	312	eP	24 36.00	5.0X
OXM	11.87	311	IP	24 45.00	4.9X
JCT	20.77	336	eP	26 31.00	0.5
	1.0s		5.00nm		3.9mb
BHO	23.07	350	eP	26 52.30	-1.0
TUL	24.72	349	eP	27 09.20	-0.1
	0.9s		9.20nm		4.4mb
RLO	24.84	351	eP	27 09.30	-1.2
ALQ	27.51	330	eP	27 38.60	3.1X
	0.8s		0.56nm		3.3mb
EUR	35.93	325	eP	28 53.40	4.1X
FFC	44.01	350	eP	29 55.00	-0.7
	0.7s		6.00nm		4.5mb
EDM	45.45	341	iPc	30 07.60	0.3
SCH	46.92	18	eP	30 18.00	-0.9
YKA	53.74	346	eP	31 12.30	1.6
INK	63.21	343	eP	32 18.00	1.3

S.D. = 1.5 on 12 of 16 obs.

* SEP 08, 1985 05h 13m 29.33± 0.81s
39.471 N ± 7.1km 122.138 W ± 7.7km
DEPTH = 10.0km (geophysicist)
NORTHERN CALIFORNIA (36)
ML 2.9 (BRK).

GAS	0.48	293	IP	13 41.10	1.9
ORV	0.50	80	IP	13 40.20	0.7
MIN	0.96	25	IPd	13 47.50	-0.3
			eS	13 59.80	
WDC	1.15	345	ePc	13 49.20	-1.6
NWRM	1.17	210	e(P)	13 50.00	-1.1
JAS1	2.05	138	ePc	14 05.00	0.8
SAO	2.76	168	e(P)	14 14.00	-0.4
EUR	4.77	88	eP	14 40.00	-3.3X

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

? SEP 08, 1985 07h 30m 06.39±16.15s
31.097 S ±38.4km 70.858 W ±139.km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

RTCB	1.80	103	ePd	30 35.60	-0.2
			(S)	31 05.30	
ZON	1.92	104	eP	30 38.00	0.6
RTLL	2.06	97	ePc	30 38.90	-0.5
RTCV	2.12	112	ePc	30 39.90	-0.4
CFA	2.30	103	ePd	30 41.90	-0.9
VCA	3.29	45	ePd	30 56.80	-0.2
			S	31 46.00	

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

SEP 08, 1985 09h 23m 44.31± 0.47s
8.002 N ± 7.6km 93.218 E ± 7.0km
DEPTH = 33.0km (normal)
4.9mb (10 obs.)
NICOBAR ISLANDS REGION (704)

SNG	7.38	96	eP	25 33.00	0.5
PSI	7.75	133	eP	25 38.00	0.3
NNT	7.87	54	eP	25 40.90	1.6
IPM	8.47	113	ePd	25 45.90	-1.9
	0.9s		25.50nm		5.4mb
			e	27 19.00	
KHT	8.55	38	eP	25 51.00	2.1
NST	10.19	41	eP	26 11.50	0.0
BDT	10.78	31	eP	26 19.00	-0.5
	9.6s		17.80nm		
CHG	12.10	27	IPd	26 41.80	4.3X
	0.9s		14.71nm		5.1mb
KOD	15.71	279	eP	27 30.80	5.6X
GBA	16.47	291	P	27 38.00	3.4X
			S	30 20.00	
HYB	17.08	305	eP	27 44.50	2.1
SHL	17.51	356	eP	27 43.70	-4.2X
KMI	19.30	27	eP	28 12.00	2.2
PKI	20.82	340	iPd	28 25.60	-0.4
DMN	20.96	340	iPd	28 27.20	-0.1
KKN	21.07	340	iPd	28 28.00	-0.4
POO	21.54	301	eP	28 34.00	1.0
NDI	25.51	326	eP	29 12.00	0.5
LZH	29.59	18	eP	29 47.00	-1.8
BJI	37.93	29	eP	31 00.00	-0.4
MUN	45.42	152	eP	32 03.00	1.1
NWAO	46.68	152	eP	32 14.00	2.2
WRA	49.08	125	Pd	32 28.70	-2.1
	0.5s		2.10nm		4.4mb
KRI	67.55	248	eP	34 40.00	-0.3
MLR	68.44	316	ePc	34 44.00	-1.4
BUL	69.41	245	iPc	34 53.80	2.1
	0.7s		5.82nm		4.8mb
KJF	72.30	335	iP	35 06.80	-1.5
	0.6s		20.90nm		5.3mb
SUF	72.51	334	iP	35 08.20	-1.3
	0.7s		5.80nm		4.7mb
NUR	72.59	331	eP	35 12.00	2.0
SOD	73.75	338	iP	35 15.30	-1.4
BNG	74.24	272	iPd	35 20.50	-0.1
	0.5s		10.00nm		5.1mb
KEV	74.41	341	eP	35 19.00	-1.5
NAO	79.35	330	P	35 46.60	-1.6
	0.5s		2.70nm		4.5mb
EKA	87.10	325	P	36 28.00	0.0
	0.9s		6.00nm		4.8mb
ALE	88.93	357	eP	36 35.50	-0.8
	0.6s		6.00nm		5.1mb
JCT	139.75	18	iPKP	43 11.50	0.1
ATB	145.31	276	PKPd	43 21.00	-0.4

S.D. = 1.4 on 33 of 37 obs.

* SEP 08, 1985 09h 26m 31.74± 1.21s
38.367 N ±11.1km 21.936 E ±10.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.1 (ATH).

VLS	1.08	260	ePg	26 51.30	-0.7
ATH	1.46	105	ePn	26 58.80	0.7
			eSn	27 20.50	
KZN	1.94	356	ePn	27 05.40	0.3
			eSn	27 31.50	
OHR	2.88	343	iPn	27 19.90	1.4
VAY	2.99	9	iPn	27 19.00	-1.0
MMB	3.50	23	iPd	27 26.00	-1.3
SKO	3.62	354	ePn	27 30.80	1.8
			iSn	28 15.00	
KDZ	4.19	38	eP	28 12.00	34.9X
VTS	4.34	12	iPd	27 38.00	-1.1

S.D. = 1.4 on 8 of 9 obs.

* SEP 08, 1985 12h 06m 24.24± 1.83s
18.933 S ±12.1km 68.121 W ±23.8km
DEPTH = 10.0km (geophysicist)
CHILE-BOLIVIA BORDER REGION (124)

CNCB	2.12	4	IP	07 00.00	-0.6
			S	07 32.00	
LPB	2.39	1	iPd	07 05.00	0.6
			S	07 41.00	
CCH	2.43	51	P	07 05.00	0.1
			S	07 46.80	
ZOBO	2.65	360	P	07 08.30	0.0
	0.5s		27.27nm		
TPZ	3.38	139	P	07 18.50	0.0

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

& SEP 08, 1985 12h 17m 18.40s
35.993 N 120.125 W
DEPTH = 11.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.1 (BRK), 3.2 (PAS).

PHAM	0.27	235	IPd	17 23.80	-0.4
PRI	0.46	289	iPc	17 27.00	-0.9
LLA	0.91	314	ePc	17 33.70	-2.0
FRI	1.05	18	iPd	17 35.60	-2.5
PRS	1.06	289	ePc	17 35.80	-2.5
SAO	1.31	306	iPc	17 40.00	-2.6
WKTM	1.38	98	IP	17 41.20	-2.4
ISA	1.38	103	iPd	17 41.30	-2.3
SLD	1.39	321	eP	17 41.00	-2.8
BLP	1.45	189	eP	17 42.00	-2.5
SYP	1.47	175	eP	17 42.50	-2.4
MHC	1.82	318	eP	17 46.80	-3.1
GCC	1.83	305	eP	17 46.90	-3.1
VPEM	1.87	91	eP	17 49.50	-1.3
JAS1	1.94	353	IPd	17 49.30	-2.4
BKS	2.53	319	eP	18 01.40	1.4
EUR	4.79	42	IP	18 31.70	-0.8

17 obs. associated

% SEP 08, 1985 12h 26m 17.31± 0.85s
41.062 N ±10.1km 28.566 E ± 6.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

CTT	0.13	310	ePg	26 20.40	-0.1
			eSg	26 21.40	
ISK	0.37	89	iPg	26 25.30	0.3
			iSg	26 31.30	
YLV	0.79	129	ePn	26 32.40	-0.3
HRT	0.87	106	ePn	26 33.90	-0.1
EDC	0.89	217	ePn	26 34.60	0.2

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

* SEP 08, 1985 12h 31m 50.40± 1.37s
61.612 N ±14.4km 3.072 E ± 6.4km
DEPTH = 10.0km (geophysicist)
NORWEGIAN SEA (642)
DUR 3.1 (BER).

SUE	0.99	124	iPg	32 10.10	1.0
			iSg	32 19.20	
ASK	1.53	137	iPn	32 17.70	-0.1
			iSn	32 31.90	
HYA	1.56	105	iPnd	32 19.50	1.3
			eSn	32 36.40	
BER	1.65	137	ePn	32 19.30	-0.1
			iSn	32 34.90	
ODD	2.43	132	iPn	32 30.30	-0.5

08d 12h

		iSn	32 54.40			
KMY	2.64	155 iPn	32 32.40	-1.3		
		iSn	32 57.20			
EDU	5.97	214 ePn	33 20.40	-0.4		
		eSn	34 18.80			
ELO	6.23	217 ePn	33 24.20	-0.4		
		eSn	34 27.00			
EBH	6.36	215 ePn	33 27.00	0.5		
		eSn	34 30.00			
ESY	6.43	210 ePn	33 26.00	-1.4		
		eSn	34 29.30			
EDI	6.57	212 ePn	33 30.60	1.3		
		eSn	34 35.80			
EAB	6.65	218 ePn	33 31.30	0.7		
		eSn	34 37.30			
EBL	6.66	211 ePn	33 30.90	0.2		
NUR	10.51	86 eP	34 36.00	12.1X		
SUF	10.83	74 iP	34 27.50	-0.9		
	0.3s	1.70nm		4.9mb X		
KJF	11.50	66 eP	34 21.00	-16.5X		
	S.D. = 1.0	on 14 of 16 obs.				

• SEP 08, 1985 13h 39m 25.14± 1.16s
38.289 N ±10.8km 22.671 E ± 9.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.0 (ATH).

ATH	0.88	111 ePbd	39 43.00	0.9		
		iSg	39 56.50			
VLS	1.64	267 ePn	39 53.00	-1.2		
KZN	2.13	341 ePg	40 02.00	0.7		
VAY	3.03	359 iPn	40 13.60	-0.4		
OHR	3.17	333 ePn	40 17.30	1.3		
MMB	3.39	14 iPc	40 18.00	-1.2		
SKO	3.80	346 ePn	40 26.00	1.0		
KDZ	3.93	31 iP	40 25.00	-1.8		
VTS	4.33	5 eP	40 33.00	0.6		
	S.D. = 1.3	on 9 of 9 obs.				

• SEP 08, 1985 13h 43m 51.45± 0.72s
31.501 S ±10.1km 68.508 W ± 9.8km
DEPTH = 33.0km (normol)
SAN JUAN PROVINCE, ARGENTINA (137)

RTMQ	0.14	268 iPd	43 57.40	-0.2		
		S	44 09.00			
ZON	0.15	253 iPd	43 58.50	0.8		
RTLL	0.17	11 iPd	43 57.90	0.0		
		S	44 08.80			
RTCB	0.25	273 iPd	43 58.20	-0.5		
		S	44 09.20			
CFA	0.25	115 iPd	43 58.70	0.0		
		S	44 10.50			
RTCV	0.36	184 iPd	43 59.90	-0.2		
		S	44 12.10			
	S.D. = 0.6	on 6 of 6 obs.				

SEP 08, 1985 13h 47m 28.65± 0.30s
54.971 N ± 6.3km 162.036 E ± 5.0km
DEPTH = 33.0km (normol)
4.9mb (53 obs.) 4.7Msz (1 obs.)
NEAR EAST COAST OF KAMCHATKA (218)

MAT	24.62	231 iPc	52 47.60	0.6		
	0.8s	44.78nm		5.1mb		
		eS	57 10.00			
COL	26.30	48 eP	53 02.00	-0.5		
INK	31.69	40 eP	53 49.00	-1.7		
YKA	41.01	45 eP	55 11.00	1.4		
DAG	48.53	0 iPd	56 08.80	-0.8		
	0.5s	11.97nm		5.2mb		
EUR	54.58	70 iP	56 56.20	0.2		
	0.5s	5.32nm		4.8mb		
BDW	55.62	63 iP	57 03.00	-0.5		
	0.8s	4.23nm		4.5mb		
KJF	56.06	338 iP	57 06.00	-0.1		
	0.5s	12.60nm		5.2mb		
NOP	56.90	73 e(P)	57 12.70	0.1		
RSON	57.18	47 eP	57 14.20	-0.1		
	1.0s	10.00nm		4.8mb		
RSSD	57.43	59 eP	57 16.30	-0.1		
	0.7s	8.46nm		4.9mb		
SUF	57.70	338 iP	57 17.60	-0.1		
	0.6s	11.00nm		5.1mb		
CHG	59.40	259 eP	57 30.50	0.4		
GLA	59.91	75 eP	57 33.90	0.3		
GOL	60.02	63 eP	57 35.00	0.5		
	1.0s	3.00nm		4.4mb		
KKN	60.27	277 eP	57 35.20	-1.1		
	0.8s	17.00nm		5.2mb		
PKI	60.36	276 eP	57 35.00	-2.0		
	0.8s	13.00nm		5.1mb		
NAO	62.31	345 P	57 47.80	-1.6		
	0.8s	13.00nm		5.1mb		
HFS	62.50	343 eP	57 48.80	-1.8		
	0.8s	5.80nm		4.8mb		
ALQ	63.04	67 eP	57 54.30	-0.5		
	0.9s	4.62nm		4.6mb		
EDU	68.18	351 ePc	58 26.20	-0.9		
	0.7s	13.00nm		5.1mb		
ELO	68.31	352 ePc	58 27.20	-0.8		
EBH	68.52	351 ePc	58 28.50	-0.8		
	0.7s	24.00nm		5.4mb		
ESY	68.76	351 ePc	58 30.30	-0.5		
	0.6s	16.00nm		5.3mb		
LTX	68.87	69 eP	58 31.60	-0.4		
	0.9s	9.23nm		4.9mb		
EAU	68.91	351 ePc	58 31.50	-0.2		
EKA	69.39	351 Pd	58 34.50	-0.1		
	0.8s	12.20nm		5.0mb		
KRA	70.65	335 eP	58 42.30	0.0		
CLL	70.99	340 iPc	58 43.70	-0.7		
	1.3s	34.00nm		5.3mb		
BRG	71.22	339 iPc	58 45.60	-0.2		
	1.0s	18.00nm		5.1mb		
WTS	71.43	344 eP	58 47.00	0.0		
	1.0s	20.00nm		5.1mb		
MOX	71.89	341 eP	58 50.00	0.1		
	1.1s	35.00nm		5.3mb		
PRU	71.93	339 P	58 50.40	0.3		
	0.9s	15.40nm		5.0mb		
	Z 15s	0.80um		5.1MszX		
	N 15s	0.70um				
	E 14s	0.60um				
HYB	72.21	275 eP	58 51.00	-1.2		
ENN	72.76	344 ePd	58 55.50	0.6		
	1.0s	21.00nm		5.1mb		
GRF	72.88	341 iPc	58 56.40	0.7		
	0.8s	32.00nm		5.4mb		
	Z 18s	0.40um		4.7Msz		
MEM	72.90	344 Pd	58 55.90	0.2		
KHC	72.95	339 iPc	58 56.50	0.4		
	1.0s	17.50nm		5.0mb		
ZST	73.06	336 eP	58 57.40	0.7		
DOU	73.62	345 P	59 00.10	0.2		
WLF	73.80	344 P	58 59.40	-1.5		
CLO	74.51	331 ePc	59 04.50	-0.7		
CDF	74.82	343 eP	59 07.20	0.1		
	0.8s	13.40nm		5.0mb		
KBA	74.95	338 iPc	59 08.80	0.9		
	0.8s	26.70nm		5.3mb		
SLE	75.24	342 ePd	59 09.20	-0.2		
HAU	75.37	343 eP	59 10.40	0.2		
	0.6s	7.90nm		4.9mb		
BSF	75.47	343 eP	59 10.00	-0.8		
	0.8s	12.40nm		5.0mb		
FLN	75.60	348 eP	59 10.90	-0.5		
	0.8s	11.10nm		4.9mb		
LDF	75.72	348 eP	59 11.70	-0.4		
GBA	75.89	274 P	59 12.90	-0.6		
OSS	75.97	340 ePd	59 14.40	0.6		
GRR	76.01	348 eP	59 13.50	-0.2		
	0.8s	12.90nm		5.0mb		
VDL	76.29	341 ePd	59 16.40	0.8		
LPF	76.39	348 eP	59 15.60	-0.2		
	0.8s	4.90nm		4.6mb		
LOR	76.48	345 eP	59 16.30	-0.1		
	0.8s	9.90nm		4.9mb		
GRC	76.57	345 iPd	59 17.20	0.3		
SSF	76.74	345 eP	59 17.80	0.0		
	0.8s	5.30nm		4.6mb		
LBF	76.74	345 eP	59 17.50	-0.4		
TMA	76.77	341 ePd	59 18.70	0.5		
MMK	76.99	342 ePd	59 20.70	1.2		
AVF	77.02	345 eP	59 19.70	0.3		
	0.8s	8.30nm		4.8mb		
DIX	77.06	342 ePd	59 21.00	1.0		
SMF	77.09	345 eP	59 19.90	0.1		
	1.0s	6.00nm		4.6mb		
TCF	77.68	346 eP	59 23.50	0.4		
	0.8s	2.40nm		4.3mb		
MFF	77.69	348 eP	59 23.20	0.1		
	0.8s	5.30nm		4.6mb		
MZF	77.70	346 eP	59 23.60	0.4		
	0.8s	5.10nm		4.6mb		
LPG	77.74	342 eP	59 24.80	1.1		
	0.9s	26.80nm		5.3mb		
LSF	77.81	346 eP	59 24.00	0.2		
	0.8s	2.40nm		4.3mb		
WRA	78.27	207 Pd	59 26.80	0.3		
	0.8s	4.20nm		4.5mb		
OHR	78.73	331 eP	59 28.50	-0.4		
RJF	78.74	346 eP	59 29.30	0.4		
CAF	79.04	346 eP	59 31.30	0.7		
	0.8s	5.30nm		4.6mb		
LFF	79.21	347 eP	59 32.10	0.7		
	0.8s	6.10nm		4.7mb		
LPO	79.40	346 eP	59 33.10	0.6		
	0.8s	10.70nm		4.9mb		
FRF	79.63	342 eP	59 34.80	1.1		
	0.8s	7.00nm		4.7mb		
CDR	79.68	343 ePc	59 35.00	1.0		
LRG	79.79	342 eP	59 35.60	1.1		
	0.8s	10.70nm		4.9mb		
LMR	79.88	342 eP	59 35.60	0.6		
	0.8s	8.00nm		4.8mb		
CVF	80.18	340 eP	59 37.20	0.5		
	0.8s	18.60nm		5.1mb		
EPF	81.13	347 eP	59 42.20	0.4		
	0.8s	4.06nm		4.5mb		
ASPA	81.95	206 eP	59 47.00	0.9		
	0.8s	17.00nm		5.1mb		
MOI	82.29	316 eP	59 48.50	0.6		
PRNI	83.66	316 iP	59 56.00	1.0		
SPA	144.79	180 iPKPd	07 00.50	-1.7		
	1.0s	18.00nm				
	S.D. = 0.8	on 84 of 84 obs.				

SEP 08, 1985 14h 12m 23.41± 0.53s
28.354 N ± 6.9km 140.503 E ± 7.7km
DEPTH = 33.0km (normol)
5.2mb (5 obs.)
BONIN ISLANDS REGION (212)

MAT	8.39	347 iPc	14 28.60	2.9		
	1.2s	65.63nm		5.6mb		
		eS	16 05.00			
SHK	9.09	315 eP	14 35.10	-0.2		
GUA	15.30	164 e(P)	16 01.00	2.3		
SSE	17.00	284 P-	16 20.00	-0.2		
	8.0s	2.20nm		2.3mb X		
	Z 16s	2.00um				
	N 10s	1.60um				
	E 16s	1.40um				
		eS	19 48.00			
ANP	17.25	264 e(P)	16 24.00	0.5		
MDJ	18.42	335 eP	16 38.00	0.3		
		S	19 50.00			
DL2	18.88	309 Pc	16 44.00	0.6		
NJ2	19.07	286 iPd	16 46.00	0.3		
SNY	19.25	319 Pd	16 47.00	-0.8		
CN2	19.59	326 Pd	16 49.00	-2.6		
		eS	20 21.00			
QZH	19.87	265 Pc	16 57.00	2.3		
TIA	21.23	298 eP	17 09.20	0.5		
BAG	21.89	241 eP	17 16.00	0.4		
		eS	21 23.00			
WHN	22.86	282 eP	17 27.00	2.0		
BJI	23.18	307 eP	17 27.00	-0.9		
		epP	17 50.00	109kmX		
		esP	18 07.50			
		eS	21 44.00			
		esS	22 28.00			
HKC	24.52	262 eP	17 43.00	1.9		
		eS	22 13.00			
GZH	25.00	264 Pc	17 49.00	3.3X		
TIY	25.24	299 Pd	17 47.60	-0.4		
DAV	25.43	217 eP	17 48.00	-1.8		
		eS	22 32.00			
HHC	26.76	305 P	18 02.00	0.0		
XAN	27.54	290 P	18 08.90	-0.3		
		S	22 41.00			
BTO	27.80	304 P	18 11.50	0.0		
GYA	30.05	274 eP	18 32.00	0.1		
LZH	31.82	293 eP	18 47.00	-0.4		
	E 12s	2.60um				
		PP	19 55.00			
		S	24 03.00			
CD2	31.95	284 eP	18 48.40	-0.1		
KMI	33.79	273 eP	19 01.00	-3.8X		

	E	11s	1.00um			
			pP	19	07.00	20kmX
			PP	20	22.00	
			S	24	36.00	
GTA	35.27	299	P	19	16.40	-0.8
			S	24	55.00	
CHG	39.09	265	eP	19	50.00	0.5
LSA	42.91	284	eP	20	19.50	-1.8
SHL	43.20	278	eP	20	23.00	-0.3
			eS	26	56.80	
WMQ	44.63	305	eP	20	34.70	0.1
			i	20	41.50	
WRA	48.38	188	Pc	21	02.80	-1.4
	0.9s		21.50nm			5.2mb
ASPA	52.11	188	eP	21	31.00	-1.7
	1.1s		95.00nm			5.7mb
			e	22	01.00	
NDI	54.99	287	eP	21	53.00	-1.0
			eS	29	42.00	
COL	56.95	29	eP	22	07.40	-0.2
INK	62.51	25	eP	22	45.00	-0.7
DAG	74.34	357	iPd	23	58.10	-0.8
	1.0s		15.00nm			4.9mb
NEW	76.98	42	eP	24	15.00	0.5
EUR	81.97	49	iP	24	42.80	1.1
	0.5s		2.66nm			4.5mb
ZOBO	150.99	72	PKP	32	10.20	0.4
	1.5s		16.13nm			
CNCB	151.38	72	ePKP	32	17.00	6.7X
	S.D. = 1.2		on 38 of 41 obs.			

* SEP 08, 1985 15h 14m 00.94± 1.08s
5.731 S ±14.3km 147.572 E ±17.2km
DEPTH = 142.5 ± 12.2 km
EAST PAPUA NEW GUINEA REGION (207)

LAT	1.08	212	iPc	14	26.30	0.3
PMG	3.68	186	iPd	14	56.90	-0.6
KVG	4.49	46	eP	15	08.00	-0.3
ALOA	5.32	149	eP	15	20.00	0.6
WRA	19.11	221	Pd	18	10.60	-4.8X
	0.5s		38.50nm			5.0mb
ASPA	22.16	215	eP	18	44.00	-2.1
			e	19	02.00	
			e	22	34.00	
MEK	34.60	230	eP	20	38.50	0.2
KLB	37.96	224	eP	21	07.00	0.6
BAL	38.12	226	eP	21	09.00	1.2
	S.D. = 1.3		on 8 of 9 obs.			

SEP 08, 1985 15h 29m 51.81± 0.42s
14.326 N ± 8.1km 91.279 W ± 8.3km
DEPTH = 33.0km (normal)
4.6mb (12 obs.) 3.9Msz (1 obs.)
GUATEMALA (70)

PBJ	4.50	298	iP	30	58.00	-1.5
			iS	31	32.50	
VHO	5.99	308	iP	31	21.00	0.2
PIO	6.92	288	iP	31	31.20	-2.3
			i	32	02.00	
OXM	9.45	303	iPd	32	10.00	0.9
JCT	17.89	335	eP	34	02.20	2.3
	1.1s		18.99nm			4.1mb
LTX	18.82	325	eP	34	11.70	0.3
	1.2s		18.99nm			4.2mb
			e	34	46.70	
PSO	18.99	132	eP	34	16.50	2.7
BOG	19.51	118	eP	34	25.00	5.2X
BHO	20.23	351	eP	34	28.00	1.1
PRM	21.26	21	eP	34	39.60	2.1
TUL	21.87	350	eP	34	44.80	1.2
	0.7s		17.20nm			4.6mb
RLO	22.01	352	ePd	34	44.80	-0.2
FVM	23.58	2	eP	35	00.70	0.4
	0.7s		6.80nm			4.3mb
ALQ	24.67	329	eP	35	11.80	0.6
	0.9s		4.62nm			4.1mb
TDM	25.45	318	P	35	19.30	0.8
GLA	28.39	315	eP	35	45.00	-0.4
TPC	29.83	316	eP	35	59.00	0.7
PLM	29.97	314	eP	36	00.00	0.3
GSC	31.03	317	eP	36	13.00	4.1X
SBB	31.37	315	eP	36	12.00	0.1
CLC	31.85	317	eP	36	16.00	-0.1
ISA	32.35	316	eP	36	10.00	-10.5X
EUR	33.15	324	iP	36	27.60	0.0
	1.0s		15.00nm			4.8mb
OTT	33.65	20	eP	36	31.00	-0.5
	1.0s		27.00nm			5.1mb
MNA	33.77	320	eP	36	33.50	0.6
			e	37	06.90	
MNT	34.47	22	iP	36	38.40	-0.2
BMN	34.49	324	eP	36	40.20	1.1
			e	37	06.90	
JAS1	34.92	318	eP	36	43.50	0.9
			e	37	18.10	
RSON	36.49	357	eP	36	53.30	-2.4
	0.9s		16.81nm			4.9mb
ZOBO	38.05	142	iPc	37	10.20	0.4
	0.8s		9.78nm			4.7mb
Z	24s		0.33um			4.1MszX
			LR	49	30.00	
LPB	38.27	142	Pc	37	12.20	0.7
	1.0s		20.00nm			4.9mb
Z	20s		0.18um			3.9Msz
			LR	49	35.00	
CNCB	38.55	143	P	37	14.10	0.1
PNT	41.91	332	eP	37	40.00	-0.8
	0.8s		16.00nm			4.8mb
ATB	42.48	111	e(P)	37	44.00	-1.9
TPZ	43.53	144	iPd	37	56.70	2.0
YJA	44.21	145	ePc	38	00.80	0.5
SCH	44.68	20	eP	38	02.00	-1.3
MDZ	51.61	156	eP	38	57.90	0.5
BAO	52.12	123	(P)	38	54.60	-7.0X
SOB1	55.17	112	eP	39	22.30	-1.7
VAO	57.07	130	eP	39	35.50	-2.1
ITR	57.22	110	eP	39	46.10	7.4X
INK	60.33	343	eP	40	12.00	12.6X
COL	63.22	337	eP	40	18.00	-1.0
EKA	77.29	36	P	41	42.00	-2.5
	0.7s		3.70nm			4.5mb
ENN	83.52	39	eP	42	43.00	25.3X
	1.0s		9.00nm			
KHC	88.73	39	eP	42	51.90	8.4X
CLV	132.76	237	iPdiff	46	14.60	13.4X
HY8	146.90	18	ePKP	49	30.00	-1.4
GBA	150.09	22	PKP	49	39.50	3.1X
	S.D. = 1.3		on 40 of 50 obs.			

SEP 08, 1985 15h 45m 07.16± 0.66s
29.442 S ± 9.9km 137.201 E ± 7.6km
DEPTH = 33.0km (normal)
SOUTH AUSTRALIA (592)

CLV	4.28	188	iP	46	25.30	13.7X
			iS	47	19.80	
STK	4.50	124	iPd	46	16.10	1.3
			eS	47	05.00	
ASPA	6.47	332	eP	46	48.00	5.4X
			e(S)	47	55.00	
WKA	7.43	160	iPd	46	57.00	1.0
CMS	7.72	107	eP	47	00.00	-0.1
			eS	48	22.00	
BFD	8.91	151	eP	47	17.00	0.4
			eS	48	50.00	
WRA	9.81	344	eP	47	29.70	0.7
			e	47	31.00	
TOO	10.65	142	eP	47	40.00	-0.6
			eS	49	32.00	
YOU	10.66	120	eP	47	40.10	-0.5
			eS	49	35.50	
CAN	11.56	123	eP	47	52.10	-0.9
			eS	49	53.50	
WAM	11.91	127	eP	47	56.90	-0.6
			eS	50	05.50	
MEK	16.71	275	eP	48	59.00	-1.4
MUN	18.23	257	eP	49	20.00	0.8
	S.D. = 1.0		on 11 of 13 obs.			

* SEP 08, 1985 15h 56m 15.81± 1.52s
37.171 N ± 8.6km 72.080 E ±11.5km
DEPTH = 128.6 ± 18.9 km
4.5mb (18 obs.)
TAJIK SSR (715)
Felt (IV) at Khorog ond (III) at Rushan.

KSH	3.82	52	Pn	57	15.00	0.9
			Sn	57	54.00	
NDI	9.50	152	eP	58	31.80	1.1
	0.8s		59.70nm			5.4mb
			iS	00	22.00	
MHI	10.14	269	eP	58	26.00	-13.3X
AJM	11.03	169	eP	58	33.00	-18.0X
			eS	00	32.00	
KHI	11.34	259	eP	58	46.00	-9.3X
KKN	14.53	126	eP	59	35.70	-0.9
	0.6s		29.00nm			4.7mb
DMN	14.55	127	eP	59	36.70	-0.1
	0.4s		24.00nm			4.8mb
PKI	14.77	127	eP	59	38.20	-1.5
	0.7s		25.00nm			4.6mb
HYB	20.49	162	eP	60	51.00	5.6X
GTA	21.85	76	eP	01	05.10	6.2X
GBA	23.95	167	P	01	27.30	8.0X
GYA	31.11	100	eP	62	32.00	7.8X
MLR	35.22	298	ePd	03	00.50	1.1
KJF	37.74	330	eP	03	39.00	18.9X
NUR	37.80	324	iP	03	20.40	-0.3
SUF	37.82	327	iP	03	20.20	-0.7
	0.7s		8.00nm			4.6mb
KRA	39.11	306	eP	03	31.60	-0.2
SOD	39.50	334	iP	03	34.30	-0.5
IPM	41.88	134	ePd	04	01.90	7.0X
			e	04	23.90	
PRU	42.59	306	eP	04	00.00	-0.3
BRG	42.89	308	iP	04	03.20	0.5
	1.2s		17.00nm			4.6mb
			i	04	25.60	
HFS	43.08	321	eP	04	02.50	-1.6
	0.6s		5.40nm			4.4mb
KHC	43.30	305	iPd	04	06.50	0.4
			e	04	21.40	
			e	05	40.00	
CLL	43.45	308	e(P)	04	06.00	-1.2
NAO	44.54	322	P	04	14.40	-1.5
	0.8s		4.80nm			4.3mb
PPI	45.70	138	iPc	04	29.50	4.0X
BSF	47.97	305	eP	04	43.00	-0.2
	0.6s		4.00nm			4.4mb
WLF	48.01	307	P	04	44.20	0.9
LPG	48.53	301	eP	04	52.40	4.6X
	0.8s		3.20nm			4.2mb
SMF	50.20	304	eP	05	00.20	0.0
	0.8s		5.30nm			4.4mb
AVF	50.49	304	eP	05	02.50	0.2
	0.8s		6.10nm			4.5mb
GRC	50.54	305	iPd	05	02.80	0.1
MZF	51.16	303	eP	05	07.80	0.4
	0.8s		6.40nm			4.5mb
TCF	51.38	304	eP	05	09.70	0.5
	1.2s		11.00nm			4.6mb
LSF	51.85	304	eP	05	12.60	0.0
	0.6s		1.60nm			4.1mb
EKA	52.41	316	P	05	16.00	-0.6
	1.2s		9.10nm			4.5mb
DAG	54.36	344	iPd	05	30.00	-0.7
	0.5s		10.56nm			5.0mb
BNG	58.70	250	ePd	06	03.30	1.1
	0.9s		5.00nm			4.5mb
			id	06	08.30	
MTD	65.84	223	iPd	06	55.30	5.7X
BUL	70.20	223	iPd	07	20.60	3.9X
INK	73.10	10	eP	07	35.00	1.9
COL	73.58	17	eP	07	37.50	1.5
	S.D. = 1.0		on 29 of 42 obs.			

SEP 08, 1985 15h 59m 17.20± 0.80s
9.494 N ± 5.0km 122.492 E ± 6.5km
DEPTH = 58.7 ± 8.2 km
5.1mb (9 obs.)
NEGROS, PHILIPPINE ISLANDS (257)
Felt (III RF) at La Carlota.

CGP	2.41	115	iPc	59	54.00	-0.9
			iS	00	24.00	
PPR	3.72	275	eP	00	11.00	-2.5
			iS	00	55.00	
DAV	3.88	128	eP	00	18.00	2.3
MAN	5.32	345	eP	00	36.00	0.1
KKM	7.10	242	ePc	00	59.00	-2.0
	0.7s		196.70nm			5.9mb
			e	02	14.00	
BAG	7.12	345	eP	01	03.00	1.6
CVP	8.19	356	eP	01	16.00	0.1
KGM	20.46	250	ePd	03	55.30	2.8
SSE	21.53	357	Pc	04	03.00	-0.2
	1.0s		40.00nm			4.8mb
			eS	08	04.00	

08d 16h

MTN	23.80	159	eP	04	26.00	0.4
PSI	24.38	255	ePd	04	32.20	1.0
KMI	24.38	312	eP	04	31.00	-0.5
TSI	24.50	258	e(P)	04	35.00	2.6
CHG	24.61	295	eP	04	35.00	1.4
KNA	25.84	166	iPd	04	45.40	0.4
MBL	30.57	185	eP	05	27.00	-0.7
	0.5s	11.00nm			4.8mb	
BJI	30.93	351	eP	05	31.00	0.4
LZH	31.44	330	Pd	05	35.00	-0.4
WRA	31.49	158	Pd	05	34.30	-1.5
	0.7s	9.10nm			4.7mb	
SHL	33.16	303	iP	05	49.90	-0.6
ASPA	34.79	161	eP	06	03.00	-1.4
	0.6s	63.80nm			5.7mb	
MEK	36.09	186	eP	06	15.50	0.1
MRWA	38.99	189	iPd	06	40.10	0.5
KLG	40.06	181	eP	06	48.00	-0.4
KLB	41.10	186	eP	06	57.00	0.0
	0.8s	49.00nm			5.3mb	
MUN	41.67	188	eP	07	02.00	0.4
NWAO	42.48	187	eP	07	09.00	0.7
	0.6s	33.00nm			5.3mb	
RKG	43.63	187	eP	07	23.00	5.4X
STK	45.02	157	eP	07	28.00	-0.8
BRS	46.96	142	iPd	07	44.80	0.5
YOU	49.98	152	eP	08	06.80	-0.8
CAN	51.13	152	eP	08	15.50	-0.8
WAM	51.79	153	eP	08	20.70	-0.6
PVC	52.73	121	iPc	08	38.50	2.0
COL	81.36	26	e(P)	11	27.00	-1.6
KEV	83.06	340	eP	11	36.00	-1.3
SOD	83.56	337	iP	11	39.70	-0.2
KJF	83.60	334	iP	11	40.00	-0.2
	0.7s	20.00nm			5.2mb	
INK	86.36	21	eP	11	53.00	-0.9
MLR	87.85	316	ePd	12	01.50	-0.3
SLL	91.04	332	eP	12	15.90	-0.3
	0.6s	3.90nm			5.0mb	
BRG	94.13	323	e(P)	12	31.00	0.4
JCT	123.18	44	iPKP	18	09.50	0.0
	0.9s	8.82nm				
SOB1	163.60	270	ePKP	19	16.40	1.1
	S.D. = 1.2	on	43 of	44	obs.	

SEP 08, 1985 17h 32m 46.77± 0.66s
6.407 S ±11.2km 154.580 E ± 6.1km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)
SOLOMON ISLANDS (193)

BGA	0.65	67	iPd	33	00.00	0.4
			eS	35	57.00	
PAA	0.91	83	iPd	33	03.00	-0.3
			eS	33	14.00	
RAB	3.26	312	eP	33	36.00	-0.7
			iS	34	28.00	
BIAL	3.67	287	eP	33	43.60	0.9
ALOA	5.68	227	eP	34	11.00	0.0
SVO	5.86	118	eP	34	37.00	23.4X
HNR	6.11	120	eP	34	24.00	6.9X
			eS	35	30.00	
LAT	7.54	268	eP	34	37.00	-0.1
PMG	7.94	247	eP	34	46.00	3.2X
	0.8s	89.55nm			5.9mb	
WRA	23.82	234	Pc	37	57.70	-0.2
	0.5s	2.20nm			3.9mb	
	S.D. = 0.7	on	7 of	10	obs.	

SEP 08, 1985 17h 34m 46.72± 1.20s
4.484 N ± 6.2km 126.343 E ±10.2km
DEPTH = 100.0 ± 12.3 km
4.9mb (9 obs.)
TALAUD ISLANDS (263)

CGP	4.27	338	iPc	35	50.70	0.0
			iS	36	18.50	
AAI	8.32	167	eP	36	45.50	-1.0
TZZ	17.74	123	eP	38	50.00	1.1
MTN	17.86	165	eP	38	49.00	-1.3
TRT	18.27	229	iPd	38	57.00	1.7
KNA	20.25	173	eP	39	16.00	-0.4
KGM	23.12	265	ePd	39	49.00	4.2X
IPM	25.24	271	ePd	40	03.60	-1.6
WRA	25.52	162	Pd	40	07.50	-0.2
	0.6s	13.80nm			4.6mb	
SSE	26.91	350	Pc	40	22.50	2.2
NAU	28.88	201	iPd	40	38.50	0.4
	0.6s	17.00nm			4.9mb	
CHG	30.31	300	iPd	40	51.20	0.3
	0.7s	7.71nm			4.5mb	
MRWA	34.95	196	iPd	41	31.10	0.0
BJI	36.57	347	eP	41	44.00	-0.5
MUN	37.52	194	iPd	41	53.00	0.3
	0.5s	9.00nm			5.0mb	
LZH	37.66	330	Pd	41	54.00	0.0
BRS	40.69	143	P	42	24.80	5.8X
PKI	45.22	305	eP	42	54.80	-1.4
	0.5s	8.00nm			4.8mb	
DMN	45.48	305	eP	42	58.20	0.0
	0.6s	10.00nm			4.8mb	
WAM	45.64	154	eP	43	00.20	1.3
GBA	49.06	284	P	43	27.00	1.1
COL	84.21	25	eP	47	06.70	-1.2
KEV	89.05	340	eP	47	35.00	3.5X
SOD	89.63	338	iP	47	33.80	-0.4
KJF	89.75	334	eP	47	35.00	0.2
SUF	90.71	333	iP	47	38.60	-0.6
	0.4s	4.40nm			5.0mb	
NUR	91.86	331	eP	47	46.00	1.5
SLL	97.22	333	eP	48	07.60	-1.5
	0.9s	5.00nm			5.0mb	
BRG	100.40	323	iPdiff	48	23.80	0.1
	0.6s	11.00nm			5.7mb	
	S.D. = 1.1	on	26 of	29	obs.	

SEP 08, 1985 18h 07m 40.05± 0.39s
17.624 S ± 7.7km 167.712 E ± 8.6km
DEPTH = 10.0km (geophysicist)
5.3mb (2 obs.)
VANUATU ISLANDS (186)

PVC	0.58	102	iPc	07	52.00	0.2
			iS	08	00.50	
NOU	4.81	194	iPc	08	53.00	-1.3
			iS	09	42.50	
VUN	10.25	94	eP	10	15.90	5.6X
HNR	11.10	316	eP	10	22.00	0.1
			eS	12	21.00	
VSG	11.39	316	eP	10	27.00	1.1
			eS	12	30.00	
SVO	11.40	317	eP	10	27.00	1.0
BRS	16.87	232	P	11	41.60	3.7X
KRP	21.36	163	P	12	29.50	-0.2
GNZ	22.80	159	P	12	44.00	0.0
YOU	23.95	222	eP	12	57.30	1.9
TCW	24.18	168	P	13	00.00	2.6
CAN	24.24	220	eP	12	59.70	1.5
			ePcP	13	25.80	
WAM	24.90	218	eP	13	07.80	3.3X
			iPcP	13	35.20	
WRA	31.65	260	eP	14	04.20	-1.7
ASPA	32.15	253	eP	14	09.00	-1.3
	0.6s	59.00nm			5.7mb	
			e	14	19.00	
			e	14	43.00	
MEK	46.19	250	eP	16	06.60	-0.5
SPA	72.49	180	eP	19	07.50	-1.2
	1.0s	9.00nm			4.8mb	
COL	88.97	17	eP	20	35.70	-0.1
KEV	122.62	345	ePKP	26	34.00	-2.8X
KJF	126.18	340	ePKP	26	51.00	7.1X
SUF	127.68	339	iPKP	26	44.90	-1.9
	0.5s	2.50nm				
NUR	129.69	337	iPKP	26	49.80	-0.9
NAO	133.79	345	PKP	26	57.20	-1.3
	0.8s	1.80nm				
MEM	143.98	340	PKP	27	19.30	2.0
VOY	144.30	328	iPKPd	27	15.00	-3.2X
ETA	144.68	354	ePKP	27	15.30	-3.1X
	0.6s	10.00nm				
WLF	144.74	339	PKPc	27	17.30	-1.3
DOU	144.88	341	PKP	27	17.00	-1.9
			e	29	07.00	
ECB	145.06	354	iPKPc	27	16.30	-2.8X
	0.6s	10.00nm				
ECP	145.20	354	iPKPc	27	17.20	-2.1X
	0.6s	32.00nm				
CDF	145.40	337	ePKP	27	18.80	-1.2
SLE	145.45	335	ePKP+	27	19.40	-0.6
SAX	145.51	334	ePKP+	27	19.80	-0.7
OSS	145.60	332	ePKP+	27	19.90	-0.6
BSF	146.06	337	ePKP	27	20.80	-0.3
HAU	146.08	337	ePKP	27	20.90	-0.2
TMA	146.61	333	ePKP+	27	22.20	0.0
MMK	147.04	334	ePKP+	27	24.20	1.3
BNG	147.09	250	iPKPd	27	14.10	-9.6X
	1.6s	26.00nm				
			id	27	23.90	
			ic	27	32.70	
DIX	147.25	334	ePKP+	27	24.80	1.5
FLN	147.49	345	ePKP	27	24.30	1.1
LDF	147.56	345	ePKP	27	24.60	1.3
LOR	147.59	339	ePKP	27	25.10	1.6
LBF	147.79	339	ePKP	27	25.90	2.1X
GRC	147.82	340	iPKPc	27	26.00	2.2X
SSF	147.88	340	ePKP	27	26.00	2.1X
LPG	147.99	334	ePKP	27	26.80	2.3X
SMF	148.13	339	ePKP	27	26.40	2.0X
AVF	148.17	339	ePKP	27	26.50	2.1X
LPF	148.31	346	ePKP	27	26.80	2.3X
BGF	148.54	340	ePKP	27	27.50	2.5X
MZF	148.93	340	ePKP	27	28.70	3.0X
TCF	148.99	340	ePKP	27	28.90	3.1X
LSF	149.24	341	ePKP	27	29.20	3.1X
CVF	149.30	329	ePKP	27	29.40	3.0X
MFF	149.40	343	ePKP	27	29.70	3.4X
FRF	149.59	332	ePKP	27	30.00	3.3X
LRG	149.80	332	ePKP	27	31.00	4.0X
LMR	149.83	332	ePKP	27	30.80	3.7X
CDR	149.88	333	iPKPc	27	30.90	3.8X
RJF	150.09	340	ePKP	27	31.40	4.0X
CAF	150.24	339	ePKP	27	31.90	4.2X
LFF	150.66	341	ePKP	27	32.90	4.6X
LPO	150.75	340	ePKP	27	33.20	4.8X
EPF	152.50	340	ePKP	27	37.90	6.8X
	S.D. = 1.3	on	33 of	65	obs.	

? SEP 08, 1985 18h 19m 30.19± 1.06s
11.166 S ±21.8km 164.364 E ±15.1km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
SANTA CRUZ ISLANDS REGION (183)

HNR	4.68	291	eP	20	40.00	-0.3
			eS	21	34.00	
SVO	4.91	294	eP	20	43.00	-0.6
			eS	21	40.00	
VSG	4.96	292	eP	20	45.00	0.6
			eS	21	42.00	
KVG	15.94	301	eP	23	15.00	1.3
BRS	19.47	212	P	24	02.10	4.7X
CTA	19.55	241	eP	24	05.00	6.7X
WRA	30.17	249	Pc	25	38.50	-1.3
	0.7s	1.60nm			3.9mb	
SPA	78.91	180	eP	31	32.20	0.4
	1.0s	5.00nm			4.5mb	
COL	83.86	19	eP	31	56.00	-1.5
	0.7s	6.51nm			4.9mb	
BNG	145.51	262	iPKPd	39	05.30	-2.4X
	1.0s	15.00nm				
			ic	39	06.30	
SOB1	147.74	128	ePKP	39	12.70	1.4
ITR	149.90	130	ePKP	39	18.10	3.5X
	S.D. = 1.3	on	8 of	12	obs.	

SEP 08, 1985 18h 35m 03.74± 0.72s
7.392 S ± 9.3km 156.377 E ± 7.3km
DEPTH = 59.7 ± 7.9 km
4.7mb (4 obs.)
SOLOMON ISLANDS (193)

PAA	1.40	321	iPd	35	27.20	-0.2
			eS	05	26.00	
BGA	1.71	316	eP	35	30.00	-1.8
			eS	35	57.00	
VSG	3.78	119	eP	36	01.00	0.1
			eS	36	54.00	
SVO	3.82	117	eP	36	03.00	1.5
HNR	4.07	120	eP	36	04.00	-0.9
			eS	37	01.00	
BIAL	5.68	291	eP	36	26.50	-1.1
KVG	7.34	310	eP	36	53.00	2.3
PMG	9.34	257	eP	37	19.00	0.7
CTA	15.99	217	iPd	38	46.30	0.0
JAY	16.34	286	ePd	38	46.50	-4.4X
BRS	20.18	189	P	39	41.90	5.8X
WRA	24.74	238	eP	40	20.30	-0.9
			i	40	32.00	
			e	43	52.70	
MAT	46.91	340	(P)	43	17.00	-13.2X

SHK	47.34	333	eP	43	33.20	-0.4
IPM	56.50	280	ePd	44	45.00	2.4
NNT	59.69	28	eP	45	12.40	7.6X
CHG	62.31	296	eP	45	22.00	-0.5
LZH	65.56	315	eP	45	44.00	0.3
PKI	76.81	300	eP	46	51.20	-0.4
KKN	76.97	301	eP	46	52.40	0.0
	0.5s	3.00nm			4.5mb	
DMN	77.07	300	eP	46	53.20	0.2
	1.0s	20.00nm			5.1mb	
SPA	82.66	180	eP	47	20.60	-1.3
	1.0s	7.50nm			4.6mb	
COL	82.99	21	eP	47	23.00	-0.5
	0.9s	9.66nm			4.8mb	
KHC	127.97	330	PKP	54	05.50	0.9
BNG	137.96	268	ePKPc	54	22.40	-2.2X
	0.6s	5.00nm				
BAO	146.74	134	e(PKP)	54	40.60	0.7
ATB	149.55	109	PKPc	54	43.00	-1.2
	S.D. = 1.2	on	22 of	27	obs.	

* SEP 08, 1985 18h 36m 57.07s
62.495 N 151.436 W
DEPTH = 95.5km
CENTRAL ALASKA (1)
<AGS-P>.

SKT	0.52	185	IP	37	12.05	-0.7
			eS	37	23.60	
SUA	1.09	162	eP	37	17.95	-0.6
			eS	37	34.83	
PWA	1.12	138	eP	37	18.25	-0.5
			eS	37	34.25	
CGLM	1.22	193	eP	37	19.35	-0.8
SPU	1.35	193	eP	37	20.75	-0.9
			eS	37	40.66	
GHO	1.39	120	eP	37	21.35	-0.8
			eS	37	40.41	
PME	1.43	126	eP	37	23.27	0.7
PMS	1.54	14	eP	37	23.22	-0.8
			eS	37	43.16	
SML	1.61	114	eP	37	23.85	-1.1
KNK	1.78	126	eP	37	25.85	-1.2
			eS	37	48.65	
RDT	1.98	194	eP	37	29.28	-0.6
PTE	2.00	144	eP	37	28.82	-1.1
SCM	2.04	107	eP	37	31.60	1.0
PWL	2.21	137	eP	37	31.25	-1.5
MPA	2.25	153	eP	37	33.37	0.1
GLI	2.63	126	eP	37	37.45	-1.0
COL	2.91	32	eP	37	40.00	-2.2
FID	2.94	124	eP	37	40.24	-2.5
	18 obs. associated					

* SEP 08, 1985 19h 47m 44.90± 1.14s
15.580 S ±10.3km 167.475 E ±13.1km
DEPTH = 143.1 ± 9.6 km
4.5mb (3 obs.)
VANUATU ISLAND (186)

PVC	2.29	160	eP	48	23.00	-0.6
NOU	6.76	188	iPc	49	23.30	0.4
			iS	50	39.50	
HNR	9.56	309	eP	49	59.00	-1.3
			eS	51	50.00	
SVO	9.84	310	eP	50	06.00	2.0
VSG	9.85	309	eP	50	04.00	-0.2
			eS	51	56.00	
CTA	20.69	254	eP	52	17.00	1.6
KRP	23.37	164	P	52	42.10	0.6
WRA	31.82	257	Pd	53	56.30	-1.9
	0.6s	2.90nm			4.3mb	
ASPA	32.57	250	eP	54	04.00	-0.7
	0.6s	17.00nm			5.0mb	
SPA	74.52	180	eP	59	09.10	-0.2
	0.9s	8.18nm			4.5mb	
KJF	124.19	340	ePKP	06	26.00	-1.5
SUF	125.70	33	iPKP	06	29.20	-1.3
	0.6s	2.80nm				
NAO	131.77	345	PKP	06	40.80	-1.3
	0.7s	1.80nm				
OSS	143.69	333	ePKPd	07	01.90	-2.8X
BSF	144.10	338	ePKP	07	03.00	-2.2X
HAU	144.11	338	ePKP	07	02.50	-2.6X
VDL	144.13	334	ePKPd	07	03.40	-2.1
TMA	144.69	334	ePKPd	07	04.70	-1.7
MMK	145.11	335	ePKPd	07	06.70	-0.5
DIX	145.31	335	ePKPd	07	07.20	-0.4
FLN	145.46	346	ePKP	07	06.40	-1.0
LDF	145.54	345	ePKP	07	06.70	-0.8
LOR	145.60	340	ePKP	07	07.50	-0.2
LBF	145.81	340	ePKP	07	08.00	-0.1
GRC	145.83	341	iPKPd	07	08.60	0.6
SSF	145.90	340	ePKP	07	08.50	0.3
GRR	145.90	346	ePKP	07	08.00	-0.1
LPG	146.05	335	ePKP	07	09.20	0.3
SMF	146.15	340	ePKP	07	09.10	0.5
AVF	146.19	340	ePKP	07	09.00	0.4
LPF	146.28	346	ePKP	07	09.20	0.5
BGF	146.55	341	ePKP	07	10.30	1.1
MZF	146.94	341	ePKP	07	11.50	1.6
TCF	147.00	341	ePKP	07	11.50	1.5
LSF	147.24	342	ePKP	07	11.80	1.4
MFF	147.39	344	ePKP	07	12.20	1.6
BNG	147.51	253	iPKPd	07	13.00	1.2
	0.5s	16.00nm				
			id	07	17.20	
FRF	147.67	333	ePKP	07	13.10	2.0X
LMR	147.92	333	ePKP	07	13.80	2.3X
RJF	148.09	341	ePKP	07	14.60	2.8X
LFF	148.66	342	ePKP	07	16.00	3.4X
LPO	148.75	341	ePKP	07	16.30	3.5X
	S.D. = 1.2	on	34 of	42	obs.	

* SEP 08, 1985 20h 35m 35.43± 0.42s
56.343 S ± 9.6km 26.589 W ±10.1km
DEPTH = 61.2km (2 depth phases)
5.2mb (6 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SPA	33.84	180	IPc	42	14.00	0.4
	0.5s	18.52nm			5.3mb	
			e	42	29.90	65km
VAO	36.52	327	eP	42	37.20	0.6
SLA	42.31	302	ePd	43	22.20	-2.5
BAO	43.79	329	ePc	43	37.50	0.8
TPZ	45.21	304	P	43	49.20	0.8
SBA	45.81	184	e(P)	43	50.10	-1.9
SOB1	48.34	341	eP	44	12.40	-0.2
ITR	48.36	344	eP	44	12.20	-0.6
	0.7s	7.40nm			4.8mb	
CNCB	50.30	305	IP	44	29.00	0.8
			i	45	47.20	384kmX
LPB	50.59	305	Pc	44	30.70	0.4
	1.0s	50.00nm			5.5mb	
ZOBO	50.83	305	IPc	44	32.10	-0.2
	0.8s	35.74nm			5.5mb	
ARE	52.24	301	eP	44	42.00	-0.7
BUL	54.34	72	iPd	44	57.80	-0.2
ATB	56.74	329	Pc	45	15.50	0.5
KRI	57.61	70	eP	45	23.00	1.6
KIC	65.02	24	eP	46	11.10	0.0
BCAO	70.86	48	eP	46	46.00	-1.5
	1.0s	3.25nm			4.2mb	
			i	47	02.00	58km
BNG	70.86	48	iPd	46	46.20	-1.4
	0.7s	18.00nm			5.1mb	
			ic	46	52.20	19kmX
			ic	47	02.20	
			ic	47	05.90	
MSZ	78.62	191	P	47	20.30	-11.3X
MUN	86.51	149	eP	48	13.00	0.5
CAN	88.62	176	eP	48	23.90	1.2
NUR	123.32	28	ePKP	54	07.00	-18.3X
SUF	125.58	27	iPKP	54	29.60	-0.1
	0.6s	1.00nm				
SOD	129.56	24	ePKP	54	37.00	-0.2
YKA	136.61	318	ePKP	54	51.60	0.9
INK	146.24	320	iPKPc	55	08.70	1.1
	0.6s	20.00nm				
BJI	150.76	108	ePKP	55	21.00	5.5X
COL	150.97	311	iPKP	55	20.60	5.5X
	0.7s	26.03nm				
	S.D. = 1.1	on	24 of	28	obs.	

* SEP 08, 1985 22h 23m 28.31± 0.50s
36.577 N ±12.5km 71.469 E ±13.7km
DEPTH = 33.0km (normal)
4.7mb (5 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

NDI	9.24	147	eP	25	42.50	0.2
			eS	27	21.00	
KKN	14.60	123	eP	26	54.40	-0.1
DMN	14.60	124	eP	26	54.70	0.1
	0.4s	29.00nm			5.1mb	
PKI	14.83	123	eP	26	57.40	-0.3
	0.5s	29.00nm			4.9mb	
HYB	20.09	160	ePd	28	02.00	0.0
SHL	20.60	116	eP	28	07.50	0.1
GBA	23.49	165	P	28	36.00	0.0
NUR	37.99	324	iP	30	45.30	0.8
	0.5s	5.60nm			4.7mb	
SUF	38.06	328	eP	30	46.00	1.0
HFS	43.24	322	eP	31	26.90	-0.9
	0.4s	4.30nm			4.5mb	
NAO	44.72	323	P	31	38.80	-0.9
	0.6s	2.70nm			4.3mb	
	S.D. = 0.7	on	11 of	11	obs.	

SEP 08, 1985 22h 43m 11.83± 0.36s
39.420 N ± 6.9km 75.297 E ± 4.9km
DEPTH = 10.0km (geophysicist)
4.6mb (5 obs.)
SOUTHERN XINJIANG, CHINA (321)

KSH	0.53	86	iPgc	43	22.00	-0.6
WMO	10.27	61	eP	45	42.00	-0.4
NDI	10.83	171	eP	45	49.50	-0.4
			eS	47	48.50	
KMI	14.34	254	eP	46	37.00	-0.1
GTA	18.93	82	P	47	35.60	0.3
			Lg	53	46.20	
HYB	22.11	172	eP	48	09.00	0.0
LZH	22.78	89	eP	48	16.50	0.8
CD2	24.69	101	eP	48	36.40	2.2X
GBA	25.78	175	P	48	45.00	0.5
KMI	27.10	114	eP	49	00.00	3.0X
XAN	27.38	91	eP	49	02.40	3.2X
HFS	42.95	320	eP	51	12.70	0.5
	0.7s	3.10nm			4.1mb	
NAO	44.36	321	P	51	23.40	-0.2
	0.9s	3.60nm			4.2mb	
BNG	61.83	251	iPc	53	32.50	-1.1
	0.7s	18.00nm			5.4mb	
			ic	53	37.00	
BCAO	61.84	251	eP	53	32.40	-1.3
	0.7s	6.67nm			4.9mb	
MTD	69.21	225	iPd	54	23.50	2.5X
KRI	70.35	227	eP	54	28.50	0.5
BUL	73.57	225	iPd	54	47.80	0.7
	0.8s	4.10nm			4.5mb	
KIC	78.30	269	eP	55	14.90	1.0
CLC	104.20	11	iPdiff	57	18.00	0.8
ISA	104.21	12	ePdiff	57	15.00	-2.3X
GSC	104.81	10	ePdiff	57	19.00	-1.0
	S.D. = 0.8	on	17 of	22	obs.	

SEP 08, 1985 22h 46m 05.50± 0.34s
20.959 S ± 5.2km 178.938 W ± 3.7km
DEPTH = 620.7 ± 4.0 km
5.1mb (31 obs.)
FIJI ISLANDS REGION (181)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 17C
Centroid Location:
Origin Time 22:46:14.1 2.2
Lat 20.42S 0.16 Lon 179.07W 0.17
Dep 651.111.9 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr=-2.73 0.52 Mtt= 2.46 0.94
Mff= 0.27 0.88 Mrt=-3.29 0.97
Mrf=-4.23 0.89 Mtf= 2.18 0.93
Principal Axes:
T Val= 6.63 Plg=29 Azm=141
N -0.62 13 43
P -6.01 58 292
Best Double Couple:Mo=6.3*10**23
NP1:Strike=263 Dip=20 Slip= -49
NP2: 40 75 -103

SVA	3.74	319	ePd	47	31.20	0.1
			S	48	20.80	
VUN	3.82	320	ePc	47	31.00	-0.7
MGO	4.45	315	iP	47	37.30	1.3
SGE	4.47	318	iPc	47	36.00	-0.3
YSA	5.37	322	iPc	47	43.00	0.0
NOU	13.66	262	iPc	49	03.90	3.7X
CRZ	15.33	207	P	49	21.10	4.9X
KRP	17.57	195	P	49	39.40	1.9

08d 22h

MNG	20.17	192	P	49	59.40	-2.0
			S	53	06.00	
			ScP	56	25.00	
TCW	21.00	194	P	50	08.90	0.0
			S	53	21.70	
BRS	26.55	250	P	51	00.80	2.5
TBI	27.38	100	iP	51	05.90	0.5
	0.5s	30.00nm				5.2mb
AFR	27.72	88	iP	51	07.90	-0.5
	0.8s	90.00nm				5.5mb
PAE	27.88	88	iP	51	08.70	-1.1
	0.8s	35.00nm				5.0mb
PPT	27.90	88	iP	51	09.30	-0.7
	0.8s	65.00nm				5.3mb
PPN	28.05	88	iP	51	10.60	-0.6
	0.8s	65.00nm				5.3mb
TVO	28.16	89	iP	51	11.50	-0.8
	0.8s	85.00nm				5.4mb
PMO	30.08	84	iP	51	37.90	9.4X
	0.8s	45.00nm				5.2mb
VAH	30.26	84	iP	51	39.20	9.1X
	0.6s	35.00nm				5.0mb
TPT	30.34	64	iP	51	40.00	9.2X
	0.8s	55.00nm				5.2mb
RUV	30.51	84	iP	51	41.30	9.2X
	0.8s	70.00nm				5.3mb
CAN	31.53	236	eP	51	41.20	0.5
CTA	32.57	265	iPd	51	36.80	-12.7X
	0.8s	33.96nm				
PMG	34.60	284	eP	52	06.50	0.1
	0.8s	74.63nm				5.3mb
KVG	34.69	258	eP	52	06.00	-1.1
RKT	40.70	101	iP	52	56.10	0.3
	0.8s	35.00nm				4.9mb
ASPA	43.56	257	eP	53	17.00	-1.4
			ePcP	54	52.00	
			e	56	35.00	
			eScP	57	48.00	
			eS	59	03.00	
			eScS	01	12.00	
WRA	43.67	263	iPd	53	18.70	-0.5
			iS	59	04.00	
KLG	53.98	247	eP	54	34.00	-1.3
MBL	56.80	258	iPd	54	54.00	-0.9
	0.4s	35.00nm				5.0mb
MEK	57.00	251	eP	54	55.00	-1.2
KLB	57.06	245	eP	54	56.00	-0.5
SBA	57.36	184	iP	55	00.10	2.3
	1.0s	30.00nm				4.5mb
NWAO	57.38	244	eP	54	58.40	-0.2
RKG	57.47	242	eP	54	59.00	-0.2
BAL	58.07	246	eP	55	02.80	-0.5
	0.7s	42.00nm				4.8mb
MUN	58.34	245	eP	55	04.80	-0.3
	0.5s	14.00nm				4.4mb
MRWA	58.86	248	iPd	55	08.10	-0.5
	0.8s	16.00nm				4.3mb
NAU	60.46	255	iPd	55	19.30	0.1
	0.5s	36.00nm				4.9mb
CGP	62.60	292	iPd	55	32.80	-0.2
	1.0s	115.00nm				5.2mb
OYM	68.67	324	eP	56	08.60	-1.6
SRY	68.79	324	eP	56	09.60	-1.2
TSK	68.79	325	eP	56	09.60	-1.2
KKM	69.03	285	ePd	56	12.80	0.0
DDR	69.13	325	eP	56	12.00	-0.9
SPA	69.17	180	eP	56	19.10	6.2X
	0.9s	26.36nm				4.7mb
MAT	70.06	324	iPd	56	17.10	-1.2
	0.7s	34.25nm				5.0mb
SSE	77.31	310	Pd	56	58.50	-0.5
PRS	78.76	44	eP	57	07.40	0.9
GCC	78.77	43	eP	57	07.30	0.8
PCC	78.81	43	eP	57	07.40	0.7
SAO	78.96	44	eP	57	08.00	0.4
PRI	79.10	45	eP	57	12.00	3.5X
BRK	79.11	42	eP	57	08.80	0.5
BKS	79.13	42	ePd	57	09.40	1.0
	0.7s	257.00nm				6.3mb X
MHC	79.18	43	eP	57	09.80	0.9
LLA	79.20	44	eP	57	05.60	-3.3X
ARN	79.26	43	eP	57	10.10	0.9
KGM	79.29	276	ePd	57	11.50	1.7
	0.9s	109.40nm				5.3mb
NJ2	79.50	310	Pd	57	11.00	0.6
FHC	79.86	39	eP	57	13.20	1.0
BAR	79.88	49	eP	57	12.00	-0.5

FRI	80.22	44	eP	57	14.30	0.2
JAS1	80.31	43	iPd	57	15.00	0.4
MDJ	80.39	325	eP	57	15.50	0.7
WDC	80.59	40	iPd	57	16.60	0.7
ORV	80.60	41	iPd	57	16.50	0.5
GLA	81.39	50	iPd	57	21.00	0.8
SNY	82.00	320	iPd	57	23.00	0.0
WHN	82.01	307	P	57	24.20	0.9
MNA	82.06	44	iPd	57	24.30	0.7
CN2	82.13	323	iPc	57	23.30	-0.3
			pP	59	38.00	645kmX
IPM	82.36	278	ePd	57	24.00	-1.4
	0.8s	62.00nm				5.2mb
SNG	83.70	280	eP	57	34.00	2.0
EUR	84.06	44	iPc	57	33.70	0.1
PGC	85.12	33	eP	57	38.00	-0.2
BJI	85.60	316	eP	57	40.50	-0.2
GYA	86.11	300	P	57	44.80	1.1
NNT	86.53	285	eP	57	48.80	3.2X
TIY	86.93	312	P	57	48.00	0.8
			ePP	01	29.00	
NST	87.34	288	eP	57	51.00	1.6
PNT	87.52	34	iPd	57	49.90	0.3
	0.8s	57.00nm				5.4mb
XAN	87.71	308	Pd	57	51.60	0.7
LTX	88.04	58	eP	57	53.10	0.5
	1.0s	25.80nm				5.0mb
			pP	00	06.40	623kmX
NEW	88.26	36	iP	57	53.00	-0.1
ALQ	88.37	52	eP	57	54.10	0.0
			pP	00	08.40	628kmX
KMI	88.78	297	Pd-	57	57.50	1.3
COL	88.88	13	iPd	57	54.20	-1.3
	0.8s	66.04nm				5.6mb
			pP	00	11.60	646kmX
BDT	88.93	289	eP	57	55.50	-1.2
	0.9s	42.30nm				5.3mb
HHC	89.05	315	iPc	57	57.60	0.6
CHG	89.57	290	iPd	58	01.60	1.9
	1.0s	43.50nm				5.3mb
BDW	89.89	44	eP	58	01.00	0.0
	0.8s	15.91nm				5.0mb
CD2	90.30	303	eP	58	04.20	1.3
GOL	91.27	48	eP	58	07.90	0.4
	0.8s	4.76nm				4.5mb
JCT	91.57	58	iP	58	08.50	-0.2
	0.8s	7.46nm				4.8mb
LZH	92.35	308	Pd	58	13.00	0.6
SES	92.76	36	iPd	58	13.50	-0.2
EDM	92.97	33	eP	58	13.50	-1.1
INK	94.94	15	eP	58	20.00	-3.2X
FRB	117.60	28	ePKP	03	41.00	-2.0
DAG	123.27	5	iPKPd	03	50.70	-2.8X
	0.4s	19.49nm				
KEV	128.75	349	ePKP	03	58.00	-6.2X
	0.7s	18.70nm				
			i	04	04.00	
SOB1	129.03	122	ePKP	04	05.00	-1.4
SOD	130.86	347	ePKP	04	02.00	-6.3X
			i	04	07.00	
			iSKP	06	37.00	
BUL	131.06	215	iPKPc	04	10.00	-0.3
			iSKP	06	40.30	
MTD	132.01	221	iPKPc	04	14.00	1.9
			iSKP	06	55.00	
KRI	133.15	219	iPKPc	04	15.00	0.7
			iSKP	06	50.00	
KJF	133.26	344	iPKP	04	04.20	-8.7X
	0.6s	22.20nm				
			i	04	11.70	
			iSKP	06	44.70	
SUF	134.88	344	ePKP	04	02.90	-13.1X
NUR	137.12	343	iPKP	04	11.50	-8.9X
	0.4s	36.00nm				
			i	04	21.20	
			iSKP	06	57.00	
UPP	139.39	347	iPKP	04	14.60	-9.8X
NAO	139.58	353	PKP	04	16.10	-8.7X
	0.7s	9.80nm				
HFS	139.85	350	ePKP	04	16.80	-8.5X
	0.3s	13.80nm				
EDU	144.33	4	ePKPc	04	31.80	-1.4
EAB	144.59	5	iPKPc	04	32.50	-1.1
EBH	144.60	4	iPKPc	04	32.60	-1.0
EAU	145.00	4	ePKPc	04	34.00	-0.3
EBL	145.10	4	ePKPc	04	34.40	-0.1
EKA	145.53	4	PKPd	04	35.50	0.3

	0.7s	36.00nm				
ESK	145.54	4	ePKPd	04	35.20	0.0
	1.0s	80.00nm				
CLI	146.72	326	iPKPc	04	39.50	2.1X
PPE	146.76	326	iPKPc	04	39.50	2.0X
BHL	146.86	300	PKPd	04	41.00	2.8X
CFR	147.13	324	iPKPd	04	41.00	3.0X
KRA	147.34	337	iPKP	04	41.50	3.2X
	Z 15s	1.50um				5.9MszX
	N 15s	1.00um				
	E 15s	1.40um				
			i	04	45.30	
ADI	147.40	299	iPKP	04	42.50	3.5X
VRI	147.46	326	iPKPd	04	41.50	2.9X
BRD	147.52	325	ePKP	04	42.00	3.3X
TLB	147.56	323	iPKPd	04	42.00	3.2X
JER	147.70	297	iPKPd	04	43.50	4.0X
ETA	147.82	8	ePKP	04	41.30	2.4X
	0.7s	45.00nm				
KSP	147.86	342	ePKP	04	38.50	-0.6
	0.9s	115.00nm				
			id	04	42.50	
			e	07	06.00	
WIT	147.91	354	ePKP	04	44.00	5.0X
PSN	148.02	321	iPKPd	04	44.00	4.5X
ISR	148.04	325	iPKPd	04	43.00	3.4X
ECB	148.07	9	ePKP	04	41.80	2.5X
PRNI	148.11	294	iPKP	04	45.00	4.8X
MLR	148.12	326	iPKPd	04	43.00	3.1X
CLL	148.30	346	ePKP	04	39.00	-0.7
CLL	148.30	346	iPKP	04	43.80	4.1X
			e	05	58.00	
ECP	148.31	9	iPKPc	04	42.50	2.8X
	1.0s	56.00nm				
CSS	148.42	303	ePKP	04	44.50	4.0X
BRG	148.47	344	iPKPc	04	40.00	0.0
			i	04	44.10	
			i	04	49.70	
			e	05	24.00	
GPA	148.52	314	ePKP	04	41.40	0.9
WTS	148.70	353	iPKPc	04	40.30	0.0
			i	04	45.00	
			e	04	50.50	
YLV	149.00	315	iPKP	04	45.70	4.4X
COZ	149.06	327	ePKPc	04	41.50	0.2
PSZ	149.11	335	iPKP	04	45.60	4.4X
PRU	149.12	343	iPKPd	04	46.00	5.0X
	1.0s	49.10nm				
	Z 15s	0.60um				5.5MszX
	N 15s	0.30um				
	E 15s	0.50um				
			e	04	53.00	
MOX	149.23	347	ePKP	04	40.50	-0.7
	1.6s	111.00nm				
	Z 18s	0.50um				5.4Msz
	E 18s	0.50um				
			i	04	46.00	
			i	04	53.00	
BCK	149.60	309	ePKP	04	45.20	2.9X
JMB	149.69	321	iPKP	04	47.00	4.9X
SRO	149.80	337	i(PKP)	04	47.10	5.0X
			i	04	55.80	
ZST	149.91	338	e(PKP)	04	43.10	0.8
			i	04	48.30	
			i	04	55.80	
CLO	150.01	328	ePKPc	04	42.00	-0.5
ENN	150.01	354	iPKPc	04	42.20	-0.1
			id	04	47.90	
			e	04	56.20	
PVL	150.08	323	iPKPd	04	49.00	6.3X
UCC	150.11	356	PKP	04	49.00	6.5X
VKA	150.12	339	iPKPd	04	48.50	5.9X
	0.7s	19.00nm				
			i	04	57.50	
MEM	150.15	354	PKP	04	42.50	0.0
			i	04	48.40	
			e	04	57.00	
KHC	150.16	343	iPKPc	04	42.50	-0.2
	0.9s	61.50nm				
			i	04	48.50	
			i	04	57.50	
			e	05	27.20	
			e	07	09.30	
GRF	150.21	347	ePKP	04	48.70	6.0X
WET	150.33	344	ePKP	04	42.90	0.0
ELL	150.39	308	iPKP	04	48.90	5.4X
SNF	150.40	356	PKPd	04	48.80	5.9X

			e	04 57.70		
DIM	150.53	321	iPKPd	04 50.00	6.6X	
DOU	150.79	355	iPKPd	04 49.70	6.2X	
			e	04 59.00		
KDZ	150.92	321	iPKPd	04 49.00	5.0X	
WLF	151.07	353	PKP	04 50.60	6.7X	
			e	05 00.80		
BEO	151.31	331	iPKP	04 57.20	12.7X	
BEO	151.31	331	iPKP	04 57.20	12.7X	
EZN	151.37	317	ePKP	04 49.80	5.1X	
YER	151.40	310	iPKP	04 51.70	6.8X	
IZM	151.51	313	iPKP	04 51.10	6.1X	
FUR	151.64	346	ePKP	04 44.60	-0.3	
			i	04 51.60		
			i	05 03.80		
BUH	151.75	350	ePKP	04 44.90	-0.2	
MMB	151.90	322	iPKPd	04 52.00	6.5X	
KBA	152.10	342	iPKP	04 51.70	5.9X	
	0.4s		15.50nm			
			i	05 06.00		
FLN	152.23	2	ePKP	04 45.60	0.0	
LDF	152.41	2	ePKP	04 45.80	-0.1	
GRR	152.59	3	ePKP	04 46.20	0.0	
LJU	152.65	339	ePKP	04 46.10	-0.3	
			i	04 53.50		
			e	05 07.00		
VAY	152.73	323	iPKP	04 53.40	6.8X	
			i	05 08.60		
BSF	152.79	352	ePKP	04 46.70	0.1	
VOY	152.87	340	ePKP	04 46.30	-0.5	
			i	04 53.90		
			i	05 07.80		
SKO	152.91	325	iPKP	04 54.00	7.2X	
			i	05 09.00		
OGA	152.91	345	ePKP	04 46.80	-0.2	
OSS	153.29	346	ePKP+	04 47.10	-0.3	
LOR	153.66	356	ePKP	04 47.60	-0.1	
GRC	153.68	357	iPKPc	04 48.70	1.0	
			i	04 58.70		
			i	05 11.70		
OHR	153.85	325	e(PKP)	04 45.00	-3.2X	
			i	04 55.60		
			e	05 09.80		
SSF	153.89	356	ePKP	04 48.30	0.3	
TMA	154.11	347	ePKP+	04 47.60	-0.9	
AVF	154.16	356	ePKP	04 48.20	-0.1	
SMF	154.28	356	ePKP	04 48.20	-0.3	
MMK	154.34	349	ePKP+	04 49.40	0.5	
MFF	154.40	2	ePKP	04 48.40	-0.3	
DIX	154.41	350	ePKP+	04 49.20	0.1	
BGF	154.42	357	ePKP	04 48.80	0.1	
TCF	154.72	358	ePKP	04 49.40	0.2	
LSF	154.77	359	ePKP	04 49.10	-0.1	
RJF	155.72	359	ePKP	04 50.80	0.3	
CAF	156.08	358	ePKP	04 51.50	0.4	
LFF	156.08	1	ePKP	04 51.10	0.1	
BNG	156.37	229	iPKPd	04 50.60	-1.7	
	0.3s		25.00nm			
			c	05 24.50		
EPF	157.98	1	ePKP	04 54.00	0.6	
KIC	164.44	158	ePKP	05 00.00	-0.7	
			e	06 01.00		
	S.D. = 0.9		on 140 of 207 obs.			

SEP 08, 1985 23h 04m 12.17± 0.43s
39.277 N ± 6.9km 75.408 E ± 5.7km
DEPTH = 10.0km (geophysicist)
4.8mb (8 obs.)
SOUTHERN XINJIANG, CHINA (321)

KSH	0.48	68	iPgc	04 23.00	1.1	
WMO	10.27	60	eP	06 41.50	-1.1	
			Lg	09 26.00		
NDI	10.67	171	eP	06 49.50	1.4	
			eS	08 46.50		
KKN	14.09	141	iPc	07 32.20	-2.1	
DMN	14.16	142	P	07 33.80	-1.4	
	0.5s		26.00nm		5.2mb	
PKI	14.34	142	P	07 35.80	-1.8	
	0.9s		57.00nm		5.2mb	
KHI	14.39	254	eP	07 37.00	-1.0	
LSA	16.09	122	ePn	08 05.20	4.7X	
GTA	18.87	82	P	08 34.90	0.1	
			Lg	14 37.00		
SHL	19.46	130	iP	08 43.00	0.9	
POO	20.71	184	iPd	09 00.50	5.2X	
HYB	21.95	172	eP	09 09.00	1.2	
LZH	22.69	89	eP	09 17.00	1.8X	
CD2	24.58	101	eP	09 36.60	3.1X	
GBA	25.63	175	P	09 45.00	1.5	
KMI	26.97	113	eP	10 00.00	4.0X	
XAN	27.29	91	eP	09 59.00	0.3	
SUF	37.53	325	iP	11 27.90	0.2	
	0.7s		3.30nm		4.2mb	
HFS	43.12	320	eP	12 13.60	-0.3	
	0.6s		5.00nm		4.4mb	
KHC	44.27	304	P	12 24.20	0.8	
NAO	44.53	321	P	12 24.80	-0.5	
	0.7s		2.70nm		4.2mb	
BNG	61.87	251	iPc	14 32.90	-1.3	
	0.6s		20.00nm		5.5mb	
BCAO	61.88	251	iP	14 32.80	-1.4	
	0.7s		9.53nm		5.1mb	
AVY	63.42	209	eP	14 44.80	0.4	
MTD	69.17	225	iPd	15 24.00	2.9X	
KRI	70.31	227	iPd	15 29.00	0.9	
BUL	73.53	226	iPd	15 48.40	1.1	
KIC	78.38	269	eP	16 15.20	0.5	
WRA	80.62	125	Pd	16 27.40	0.8	
	0.6s		3.60nm		4.6mb	
	S.D. = 1.2		on 23 of 29 obs.			

• SEP 09, 1985 00h 03m 50.65± 0.50s
51.431 N ±15.2km 30.254 W ± 6.0km
DEPTH = 10.0km (geophysicist)
4.3mb (18 obs.)
NORTH ATLANTIC RIDGE (403)

EAB	15.98	63	ePc	07 38.20	1.4	
EAU	16.44	64	ePc	07 43.70	0.9	
EDI	16.60	64	ePc	07 45.40	0.7	
	0.8s		16.00nm		4.2mb	
EBL	16.67	64	ePc	07 46.20	0.6	
	1.0s		21.00nm		4.2mb	
PTO	18.10	116	eP	08 08.00	4.5X	
MFF	20.25	92	eP	08 28.60	0.1	
	1.5s		35.50nm		4.5mb	
LSF	21.45	91	eP	08 42.20	1.3	
	1.3s		14.70nm		4.2mb	
UCC	21.62	78	P	08 43.00	0.4	
SNF	21.65	79	P	08 41.50	-1.4	
			e	08 46.40		
TCF	21.86	91	eP	08 45.30	0.3	
	1.2s		12.10nm		4.2mb	
DOU	21.96	80	Pc	08 43.80	-2.2	
			S	12 56.00		
GRC	21.98	88	iPc	08 46.00	-0.2	
MZF	22.12	91	eP	08 48.00	0.4	
	1.6s		32.20nm		4.5mb	
BGF	22.14	90	eP	08 48.00	0.2	
	1.3s		18.70nm		4.4mb	
SSF	22.34	88	eP	08 49.80	0.0	
	1.1s		13.10nm		4.3mb	
AVF	22.36	89	eP	08 50.20	0.2	
	1.2s		16.70nm		4.4mb	
CAF	22.38	94	eP	08 52.20	1.9	
	1.3s		14.40nm		4.3mb	
LOR	22.48	87	eP	08 51.30	0.1	
	1.1s		10.70nm		4.2mb	
LBF	22.67	88	eP	08 52.80	-0.3	
	1.2s		8.50nm		4.1mb	
MEM	22.68	78	P	08 52.60	-0.5	
SMF	22.72	89	eP	08 54.00	0.4	
BSF	24.09	84	eP	09 06.30	-0.7	
CLL	26.72	73	eP	09 29.00	-2.6	
BRG	27.42	74	eP	09 37.80	-0.2	
LHC	37.22	289	eP	11 04.00	0.4	
TUL	48.26	278	eP	12 33.50	0.1	
	0.9s		12.10nm		5.0mb	
JCT	54.38	276	iP	13 19.30	-0.5	
	0.8s		2.99nm		4.4mb	
ALQ	55.44	284	eP	13 27.00	-0.7	
	1.0s		5.50nm		4.5mb	
BCAO	61.89	122	eP	14 11.40	-1.2	
	1.0s		2.25nm		4.3mb	
BNG	61.90	122	iPc	14 11.80	-0.9	
	1.2s		14.00nm		5.0mb	
			id	14 31.60		
ZOBO	75.08	218	eP	15 37.20	2.2	
	1.4s		3.22nm		4.2mb	
WRA	146.32	27	PKP	23 35.00	3.1X	
	0.9s		1.40nm			
	S.D. = 1.1		on 30 of 32 obs.			

• SEP 09, 1985 00h 49m 20.56± 1.19s
42.434 N ± 6.7km 126.711 W ±14.2km
DEPTH = 10.0km (geophysicist)
4.7mb (9 obs.)
OFF COAST OF OREGON (30)

FHC	2.61	128	eP	50 01.80	-1.8	
WDC	3.64	119	eP	50 17.20	-0.9	
GAS	4.10	131	eP	50 23.50	-1.3	
BFW	4.76	31	eP	50 32.60	-1.5	
ORV	4.88	124	eP	50 34.20	-1.5	
SHW	4.94	39	eP	50 37.20	0.5	
LON	5.56	37	eP	50 45.40	0.1	
JAS1	6.59	131	eP	51 01.10	1.2	
PNT	8.47	33	eP	51 26.00	-0.2	
	0.9s		23.00nm		5.5mb	
EUR	8.65	106	eP	51 28.00	-0.8	
	0.9s		5.80nm		4.9mb	
NEW	8.92	46	eP	51 33.00	0.6	
BDW	12.64	83	eP	52 24.20	0.8	
	1.5s		16.00nm		5.0mb	
EDM	14.01	35	eP	52 40.00	-1.2	
ALQ	17.47	109	eP	53 27.00	1.0	
	1.5s		18.06nm		4.0mb	
FFC	20.34	44	eP	54 00.00	0.5	
	1.3s		42.00nm		4.6mb	
YKA	21.33	16	eP	54 09.70	0.1	
YKC	21.34	16	eP	54 09.00	-0.7	
LTX	22.71	118	eP	54 25.00	1.3	
	1.5s		26.86nm		4.5mb	
JCT	24.61	110	iP	54 43.50	1.4	
	1.0s		7.50nm		4.3mb	
TUL	24.75	95	eP	54 45.80	2.4	
	1.2s		16.00nm		4.6mb	
COL	25.49	339	eP	54 57.00	6.9X	
CLL	80.28	24	eP	01 33.00	0.3	
BRG	80.95	24	eP	01 36.00	-0.3	
	1.2s		17.00nm		4.9mb	
			e	01 47.00		
KRI	147.43	46	ePKP	09 04.00	-0.1	
MTD	148.41	43	ePKP	09 15.00	9.4X	
BUL	149.57	51	ePKP	09 10.90	3.5X	
	S.D. = 1.2		on 23 of 26 obs.			

% SEP 09, 1985 01h 26m 02.92± 0.77s
40.252 N ± 8.1km 29.591 E ± 4.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.36	332	iPg	26 09.90	-0.4	
GPA	0.55	86	iPg	26 14.40	0.3	
			iSg	26 26.40		
ISK	0.91	334	iPg	26 20.60	0.3	
			iSg	26 32.60		
CTT	1.26	316	ePn	26 27.10	0.8	
BNT	1.28	275	iPn	26 26.60	-0.1	
EDC	1.32	275	iPn	26 27.40	0.0	
KDE	1.74	53	ePn	26 33.00	-0.3	
DMK	2.09	319	ePn	26 37.90	-0.6	
EZN	2.54	261	ePn	26 44.80	-0.1	
IZM	2.59	225	iPn	26 50.10	4.5X	
	S.D. = 0.5		on 9 of 10 obs.			

% SEP 09, 1985 01h 47m 22.67± 0.84s
45.396 N ± 7.2km 6.657 E ±13.1km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.4 (LDG).

LPG	0.12	33	Pg	47 25.80	-0.2	
			Sg	47 29.50		
CDR	1.84	201	ePc	47 53.70	-0.8	
			e	48 14.60		
FRF	1.84	180	Pg	47 55.00	0.5	
			Sg	48 18.00		
LMR	2.06	183	Pg	47 58.00	0.2	
			Sg	48 24.80		
SMF	2.33	303	Pg	48 01.80	0.2	
			Sg	48 28.40		
HAU	2.62	355	Pg	48 09.80	4.1X	
			Sg	48 43.50		
BGF	2.90	295	Pn	48 00.50	-9.2X	
			Sg	48 46.40		
	S.D. = 0.7		on 5 of 7 obs.			

• SEP 09, 1985 02h 16m 49.82± 0.84s
25.999 N ±11.3km 97.602 E ± 7.6km

09d 02h

DEPTH = 33.0km (normal)
BURMA-CHINA BORDER REGION (297)

KMI	4.72	100	ePg	18	14.00	13.2X
			Sn	18	58.00	
			Sg	19	10.50	
SHL	5.17	266	eP	18	08.50	1.3
LSA	6.80	304	ePn	18	35.20	4.9X
CHG	7.26	170	eP	18	36.00	-0.3
CHTO	7.26	170	ePn	18	36.00	-0.3
CD2	7.30	47	eP	18	44.00	7.1X
			eLg	20	48.50	
GYA	8.15	85	eP	18	49.20	0.3
BDT	8.81	171	eP	19	13.00	15.2X
PKI	11.01	281	eP	19	27.40	-1.0
	0.7s	20.00nm				5.4mb X
KKN	11.14	282	eP	19	30.00	-0.1
	0.5s	24.00nm				5.6mb X
DMN	11.28	291	eP	19	31.40	-0.6
	0.7s	14.00nm				5.3mb X
HYB	19.63	248	eP	21	19.50	0.7
S.D. = 0.9 on 8 of 12 obs.						

• SEP 09, 1985 02h 46m 34.22± 0.65s
23.225 S ± 8.1km 178.925 E ±11.1km
DEPTH = 553.3 ± 7.5 km
4.6mb (9 obs.)
SOUTH OF FIJI ISLANDS (171)

SVA	5.10	355	ePd	48	05.00	-0.7
			eS	49	20.00	
VUN	5.21	355	iP	48	05.70	-1.0
MGO	5.52	340	eP	48	09.60	0.1
NDF	5.61	345	ePc	48	11.10	0.9
			eS	49	29.10	
SGE	5.69	350	ePd	48	11.50	0.5
YSA	6.62	349	iPc	48	20.00	0.6
CRZ	12.43	205	P	49	20.60	3.1X
KRP	14.94	190	P	49	44.00	1.5
GNZ	15.39	183	P	49	46.00	-0.9
			S	52	23.00	
MNG	17.58	189	P	50	04.60	-3.7X
			S	52	59.00	
TCW	18.36	191	P	50	14.00	-1.7
			S	53	09.20	
MSZ	23.21	200	P	51	01.70	1.4
CAN	28.64	238	iPc	51	49.40	1.1
YOU	28.85	241	iPc	51	51.30	1.2
WAM	28.99	237	eP	51	52.60	1.4
CTA	30.49	270	iPd	52	05.00	0.8
	0.6s	43.00nm				5.3mb
PMG	33.34	289	iPd	52	29.40	1.2
	0.8s	89.55nm				5.4mb
ASPA	41.18	260	iPd	53	32.50	0.1
	0.7s	58.00nm				5.2mb
			ePcP	55	18.00	
			eScP	58	18.00	
			eS	59	05.00	
WRA	41.47	266	iPd	53	34.30	-0.4
			ePcP	55	18.70	
			eS	59	09.80	
KLB	54.34	247	eP	55	10.00	-1.1
NWAO	54.62	245	eP	55	12.00	-1.1
SBA	54.99	183	iPd	55	15.10	0.0
	1.0s	11.00nm				4.1mb
BAL	55.37	248	eP	55	17.00	-1.3
MUN	55.60	246	eP	55	18.90	-1.0
MRWA	56.19	250	iPd	55	22.80	-1.3
	0.6s	10.00nm				4.3mb
NAU	58.00	257	eP	55	36.00	-0.5
CGP	61.66	294	eP	55	59.50	-1.2
	0.8s	29.00nm				4.8mb
SPA	66.91	180	iPd	56	32.80	-0.5
	1.0s	20.00nm				4.6mb
MAT	70.79	326	iPd	56	55.70	-0.9
	0.7s	8.90nm				4.4mb
MAW	78.03	241	eP	57	36.00	-0.5
IPM	80.73	279	ePd	57	49.10	-2.5
EUR	87.06	45	eP	58	20.30	-2.2
LTX	90.92	58	eP	58	40.00	-0.4
	0.9s	1.40nm				4.0mb
ALQ	91.32	52	eP	58	41.00	-1.2
COL	91.53	14	eP	58	41.10	-1.1
			pP	00	47.50	578kmX
BUL	128.07	216	iPKPd	04	39.40	-0.4
MTD	129.01	222	ePKP	04	43.00	1.4
SOB1	129.44	125	ePKP	04	40.00	-2.4X
KRI	130.15	220	ePKP	04	42.00	-1.8
KJF	134.86	343	iPKP	04	50.60	-0.5
	0.7s	13.30nm				
			e	10	24.00	
SUF	136.46	342	iPKP	04	53.60	-0.6
	0.5s	2.80nm				
NUR	138.66	341	ePKP	04	46.00	-12.3X
			ePPP	10	46.00	
NAO	141.52	351	PKP	04	56.90	-6.6X
	0.8s	4.00nm				
HRI	146.21	295	iPKP	05	14.50	2.1
EDU	146.69	2	iPKPd	05	13.50	1.3
ELO	146.74	3	iPKPd	05	13.60	1.3
JER	146.84	293	ePKP	05	16.50	3.1X
EBH	146.97	2	iPKPd	05	14.40	1.7
EAB	146.99	3	iPKPd	05	14.20	1.5
PRNI	147.13	290	iPKP	05	17.00	3.2X
E8L	147.46	2	iPKPd	05	15.70	2.2
EKA	147.90	2	PKPc	05	16.50	2.3
	0.9s	9.10nm				
KRA	148.57	334	ePKP	05	18.00	2.6X
			e	05	19.00	
			e	11	30.00	
MLR	148.78	322	ePKP	05	12.00	-4.1X
KSP	149.30	338	iPKPd	05	21.00	4.5X
	1.0s	49.00nm				
COZ	149.78	323	iPKPd	05	22.50	4.9X
CLL	149.92	342	iPKPd	05	22.40	5.0X
	1.1s	42.00nm				
BRG	150.03	341	iPKPd	05	23.00	5.4X
	0.9s	30.00nm				
PRU	150.62	339	PKP	05	23.50	5.0X
	Z 14s	0.80um				5.7MszX
	N 14s	0.60um				
	E 13s	0.70um				
			e	05	34.00	
WTS	150.64	350	iPKPc	05	24.10	5.7X
	1.0s	53.00nm				
MOX	150.90	343	ePKP	05	24.50	5.6X
	1.2s	23.00nm				
	Z 14s	0.50um				5.5MszX
	N 12s	0.50um				
ZST	151.19	334	ePKP	05	25.50	6.1X
			e	05	36.70	
KHC	151.67	340	iPKPd	05	26.10	6.0X
			e	05	38.50	
ENN	151.97	351	ePKP	05	27.00	6.6X
	0.9s	6.00nm				
			e	05	38.50	
MEM	152.11	350	PKP	05	27.30	6.7X
DOU	152.81	352	PKPc	05	28.70	7.1X
WLF	153.01	350	PKP	05	29.60	7.7X
BNG	153.39	228	iPKPc	05	19.90	-3.7X
	1.3s	14.00nm				
			ic	05	45.20	
S.D. = 1.3 on 45 of 68 obs.						

SEP 09, 1985 02h 58m 51.94± 0.51s
28.409 N ± 6.1km 140.453 E ± 8.7km
DEPTH = 33.0km (normal)
5.1mb (2 obs.)
BONIN ISLANDS REGION (212)

KYS	6.77	358	eP	00	31.50	-0.1
OYM	7.07	352	eP	00	35.40	-0.3
SRY	7.25	352	eP	00	37.30	-0.9
DDR	7.64	352	eP	00	44.40	0.6
TSK	7.78	358	eP	00	45.80	0.0
MAT	8.33	347	eP	00	57.00	3.7X
	1.2s	50.00nm				5.5mb
			eS	02	36.00	
SHK	9.02	315	eP	01	02.10	-0.7
GUMO	15.31	164	eP	02	28.00	0.7
GUA	15.37	163	eP	02	28.50	0.4
			eS	05	24.00	
SSE	16.94	284	P-	02	48.00	0.0
	8.0s	3.60nm				2.6mb X
	Z 12s	2.10um				
	E 11s	2.10um				
			eS	06	16.00	
ANP	17.21	264	eP	02	52.00	0.5
BAG	21.87	241	eP	03	40.00	-4.0X
			eS	07	48.00	
BJI	23.11	306	eP	03	56.00	0.2
			pP	04	39.00	
			eS	08	13.00	
			esS	09	30.00	
HKC	24.49	262	eP	04	12.00	2.7
			eS	08	40.00	
DAV	25.45	216	eP	04	16.00	-2.5
			eS	09	00.00	
LZH	31.75	293	eP	05	15.50	0.1
	6.5s	1190.00nm				5.9mb X
KMI	33.74	273	Pc+	05	35.00	2.1
	8.0s	1.00nm				2.8mb X
	E 14s	1.20um				
			PP	06	53.50	
			S	11	05.00	
			sS	11	29.00	
			SS	13	00.00	
SHL	43.15	278	eP	06	50.00	-1.4
			iS	13	24.00	
WRA	48.43	188	eP	07	30.70	-2.4
NDI	54.93	287	iPd	08	22.00	-0.1
COL	56.93	29	eP	08	36.00	0.1
KEV	71.24	340	eP	10	08.00	-1.3
			ePS	19	32.00	
			e	19	56.00	
			ePPS	20	24.00	
PNT	75.02	42	eP	10	33.00	1.1
LRM	80.95	43	eP	11	04.60	-0.3
EUR	81.97	49	iP	11	10.50	0.2
	0.4s	3.23nm				4.7mb
ZOBO	151.02	71	PKP	18	43.50	5.2X
LPB	151.17	72	ePKP	18	40.00	1.7
CNCB	151.40	72	PKP	18	41.00	2.1X
TPZ	155.32	80	(PKP)	18	47.00	3.0X
S.D. = 1.3 on 24 of 29 obs.						

• SEP 09, 1985 03h 46m 32.27± 1.50s
18.817 S ± 7.2km 71.832 W ±16.0km
DEPTH = 33.0km (normal)
OFF COAST OF NORTHERN CHILE (121)

ARE	2.36	8	eP	47	10.00	0.1
			iS	47	41.00	
CNCB	4.18	62	P	47	36.00	0.2
			S	48	35.00	
LPB	4.22	58	Pd	47	36.30	0.0
			i	47	43.10	
ZOBO	4.35	55	P	47	38.00	-0.4
	Z 16s	0.72um				
			LR	49	02.00	
ANT	5.04	165	eP	47	47.50	0.0
TPZ	6.32	116	eP	48	07.00	1.0
			e	48	14.00	
YJA	6.81	120	ePc	48	12.00	-0.9
S.D. = 0.7 on 7 of 7 obs.						

SEP 09, 1985 04h 45m 24.50± 0.53s
42.799 N ± 6.2km 12.232 E ± 3.5km
DEPTH = 10.0km (geophysicist)
3.9mb (1 obs.)
CENTRAL ITALY (381)
Minor damage at Foligno.

CVF	2.49	266	Pn	46	06.20	0.5
TRI	3.11	20	iPn	46	13.70	-0.8
			iSn	46	39.40	
			iSg	47	03.00	
CEY	3.34	27	iPn	46	17.40	-0.4
	0.7s	267.00nm				
			iPg	46	28.60	
			iSn	46	55.90	
VOY	3.44	20	ePn	46	19.10	-0.2
			eSn	47	01.80	
			e(Sg)	47	24.30	
			e	47	32.80	
LJU	3.64	26	iPn	46	21.80	-0.2
			iSn	47	06.30	
ZAG	4.04	40	ePn	46	44.80	17.1X
			iSn	47	27.10	
TMA	4.09	325	eP	46	29.00	0.5
FRF	4.16	282	Pn	46	28.70	-0.7
OGA	4.16	349	iPnd	46	30.50	0.9
OSS	4.16	340	eP	46	31.50	1.9
VDL	4.18	333	eP	46	30.90	1.0
LMR	4.23	279	Pn	46	29.20	-1.2
LRG	4.35	281	Pn	46	31.80	-0.3
KBA	4.35	10	i(Pn)	46	32.80	0.5
	0.7s	83.30nm				
			iPg	46	39.70	
			iSg	47	20.70	
MMK	4.46	318	eP	46	35.70	1.8

HCY	4.64	92	ePn	46	36.50	0.3	PSI	13.13	156	ePc	31	30.50	2.1	BRS	71.05	126	iPc	39	39.10	0.9
			eSn	47	30.50			1.0s	121.80nm			5.8mb		LSZ	71.25	248	iPc	39	40.00	0.3
BRY	4.64	87	ePn	46	36.60	0.2	KMI	13.35	38	eP	31	33.00	1.5		0.7s	31.30nm			5.4mb	
			eSn	47	30.50		N	12s	0.70um					LJU	71.95	314	e(P)	39	43.50	0.2
LLS	4.67	332	eP	46	39.80	2.1				eS	34	06.00					e	39	50.50	
DIX	4.76	315	eP	46	41.20	2.9X	HYB	14.72	282	eP	31	48.50	-0.8	BRG	72.16	319	iPd	39	44.40	0.0
LPG	4.78	306	Pn	46	40.70	2.2	PKI	14.82	330	iP	31	47.50	-3.3X		0.9s	20.00nm			5.1mb	
CDR	4.80	283	ePn	46	38.10	-0.5	DMN	14.99	329	iP	31	50.20	-2.9				i	39	54.00	
SAX	4.90	336	eP	46	41.70	1.5	KKN	15.06	330	iP	31	51.80	-2.1	CAN	72.35	135	eP	39	45.00	-0.8
NKY	4.98	88	ePn	46	42.00	0.9	GBA	15.75	268	P	32	02.00	-0.6	VOY	72.40	314	iPd	39	45.80	-0.3
			eSn	47	38.50		KGM	15.92	142	ePc	32	03.50	-1.3	KHC	72.46	317	Pd	39	46.20	-0.1
TTG	5.20	92	ePn	46	44.00	-0.1	KOD	16.42	256	eP	32	12.40	0.9		1.0s	15.50nm			4.9mb	
			eSn	47	43.00		PPI	16.59	156	ePd	32	12.00	-1.3				e	40	40.80	
VKA	6.17	26	iP	47	15.30	17.4X		0.8s	163.50nm			5.2mb		KBA	72.72	315	iPc	39	47.50	-0.5
			i	48	06.30					e(S)	35	20.90			1.1s	17.50nm			4.9mb	
BEO	6.28	68	ePn	47	32.10	32.6X	KAD	18.85	280	eP	32	42.00	0.6				i	40	10.80	
BSF	6.33	325	Pn	47	00.30	0.1				eS	35	54.00		BUL	72.74	243	iPd	39	48.30	-0.2
			Sn	48	09.60		POO	19.30	284	iPc	32	47.70	1.0	CLL	72.74	320	iPd	39	47.80	0.0
WET	6.36	4	iPnc	46	59.20	-1.4				IS	36	22.00			1.1s	16.00nm			4.9mb	
ZST	6.39	31	eP	47	05.30	4.4X	BOM	20.33	284	eP	33	02.00	4.5X				i	39	57.10	
KHC	6.40	8	Pn	47	00.60	-0.6				eS	36	49.00		HOF	73.50	319	iPc	39	52.60	0.3
			Sg	48	12.00		NDI	20.53	315	eP	33	00.00	0.5	MOX	73.65	319	eP	39	53.50	0.3
BUH	6.51	336	ePn	47	01.60	-1.1				eS	36	33.00			1.2s	23.00nm			5.0mb	
SRO	6.60	38	eP	47	32.00	28.2X	LZH	23.07	22	IPd	33	26.50	1.5	NAO	73.68	330	P	39	52.40	-0.7
CDF	6.60	330	Pn	47	03.50	-0.5		1.5s	164.00nm			5.3mb			0.8s	6.00nm			4.6mb	
			Sn	48	15.20					S	37	35.00		GRF	73.96	318	eP	39	56.00	1.0
OHR	6.61	102	ePn	47	02.80	-1.3	QUE	28.91	306	eP	34	21.20	1.6		0.7s	20.00nm			5.2mb	
HAU	6.65	324	Pn	47	04.40	-0.3				eS	38	58.00		OGA	74.32	315	iPc	39	57.10	-0.3
			Sn	48	16.00					e	40	08.00			0.9s	26.00nm			5.2mb	
SKO	6.87	94	ePn	47	15.00	7.3X	SSE	29.98	53	Pc	34	29.50	0.5	BNG	74.47	271	iPd	39	57.00	-1.6
GRF	6.93	355	eP	47	06.00	-2.5		1.0s	26.00nm			4.9mb			0.6s	25.00nm			5.4mb	
	0.9s	8.00nm				4.8mb X	BJI	31.94	34	eP	34	47.00	1.0				ic	40	11.00	
SMF	7.11	306	Pn	47	11.80	0.8	MBL	44.05	144	iPc	36	26.20	-1.6	OSS	74.94	315	eP+	40	00.80	-0.1
LBF	7.20	308	Pn	48	11.70	59.3X	MAT	45.13	53	eP	36	36.00	-0.4	SLR	75.28	238	eP	40	03.20	0.0
PRU	7.37	12	ePn	47	10.50	-4.1X		1.0s	32.00nm			5.1mb			0.9s	26.89nm			5.2mb	
			e	48	21.00		MEK	47.78	149	iPc	36	56.60	-0.8	VDL	75.42	315	eP+	40	03.90	0.2
			e	49	39.00					e	38	26.30		LLS	75.70	315	eP+	40	05.40	0.1
LOR	7.42	310	Pn	47	14.10	-1.4	MRWA	48.82	154	eP	37	03.00	-2.4	TMA	75.87	314	eP+	40	06.00	-0.3
AVF	7.47	305	Pn	47	16.40	0.3		0.7s	16.00nm			5.2mb		SLE	75.94	316	eP+	40	05.70	-0.7
CAF	7.65	290	Pn	47	17.00	-1.7	BAL	50.33	154	eP	37	15.00	-1.9	PRY	76.44	237	iPd	40	10.00	0.3
BGF	7.67	303	Pn	47	17.00	-1.9	MUN	51.32	155	iPc	37	23.10	-1.3		1.0s	23.00nm			5.1mb	
VAY	7.83	97	ePn	47	23.00	1.8		0.5s	103.00nm			6.1mb		MMK	76.51	314	eP+	40	10.10	0.2
MOX	7.86	357	(Pn)	47	21.00	-0.6	KLB	51.63	154	eP	37	29.00	2.2	CDF	76.67	317	eP	40	10.20	-0.4
GRC	7.89	308	iPc	47	23.30	1.3		0.6s	22.00nm			5.3mb		DIX	76.89	315	eP+	40	12.50	0.4
CLO	7.96	70	eP	47	23.00	0.0	NWAO	52.56	155	eP	37	31.80	-2.0	SEK	76.89	236	iPc	40	12.80	0.6
VTS	8.08	88	eP	47	25.00	0.3		0.5s	16.00nm			5.3mb			0.5s	14.08nm			5.2mb	
BRG	8.16	8	e(P)	47	24.00	-1.8	WRA	52.88	130	iPd	37	34.10	-2.3	BSF	77.07	316	eP	40	13.30	0.5
			e	48	53.00		RKG	53.47	156	eP	37	52.00	11.5X	HAU	77.34	317	eP	40	14.00	-0.2
			e	49	59.00			0.5s	19.00nm						1.0s	13.60nm			4.9mb	
CLL	8.53	3	e(Pg)	47	32.00	1.1	ASPA	54.89	134	eP	37	49.00	-2.1	LPG	77.43	314	eP	40	15.30	0.2
			e(Sg)	50	11.00			0.6s	224.00nm			6.4mb X			0.8s	26.00nm			5.3mb	
DOU	9.00	327	P	47	48.30	11.0X				e	38	52.00		FRF	77.79	312	eP	40	16.90	0.2
			Sn	49	35.80		HRI	55.29	300	iP	37	55.00	0.9		0.9s	40.50nm			5.5mb	
PVL	9.49	84	eP	47	42.00	-2.2	JER	55.64	298	eP	37	57.50	0.9	LMR	77.92	312	eP	40	17.60	0.1
KDZ	9.80	92	eP	47	50.00	1.5	PRNI	55.74	297	iP	37	57.50	0.2		1.1s	24.40nm			5.1mb	
SUF	21.57	13	iP	50	16.20	0.4	PMG	58.26	111	eP	38	15.00	-0.2	LRG	78.01	312	eP	40	18.50	0.6
	0.5s	2.80nm				3.9mb		1.0s	60.00nm			5.7mb			0.9s	26.20nm			5.3mb	
KJF	23.20	17	eP	50	36.00	3.9X	ELL	60.31	304	iP	38	29.00	-0.3	BLF	78.37	236	eP	40	20.00	-0.3
	S.D. = 1.2	on	45 of	56	obs.		CTA	62.29	122	iPc	38	41.80	-0.9	LBF	79.09	316	eP	40	23.70	-0.2
								0.9s	25.63nm			5.4mb			0.9s	8.50nm			4.7mb	
SEP 09, 1985 05h 28m 21.99± 0.61s							VRI	63.46	314	ePc	38	50.50	0.4	LOR	79.12	316	eP	40	23.60	-0.4
14.820 N ± 3.6km 93.631 E ± 3.5km							ISR	63.51	313	eP	38	52.00	1.5		0.9s	8.10nm			4.7mb	
DEPTH = 41.0 ± 5.8 km							MLR	63.96	314	iPd	38	53.50	-0.1	SMF	79.24	315	eP	40	24.50	-0.2
5.1mb (49 obs.)							DIM	63.97	310	eP	38	54.00	0.5		0.8s	8.50nm			4.8mb	
ANDAMAN ISLANDS REGION						(703)	KDZ	64.12	309	iPc	38	55.00	0.5	SSF	79.39	316	eP	40	25.40	-0.1
							PVL	64.34	311	iPc	38	55.00	-0.9	AVF	79.55	316	eP	40	26.10	-0.2
PBA	3.26	196	eP	30	00.00	48.1X	VTS	65.76	310	iPd	39	05.00	0.0		0.8s	6.90nm			4.7mb	
KHT	4.80	90	iPnd	29	34.80	1.1	CLO	66.15	313	ePd	39	07.00	-0.5	GRC	79.64	316	iPc	40	26.30	-0.5
			iSg	30	26.40		VAY	66.20	309	iP	39	07.00	-0.9	BGF	79.93	316	eP	40	28.40	0.0
BDT	5.70	64	ePn	29	44.00	-2.5	KJF	66.34	334	eP	39	07.00	-1.4	MZF	80.18	315	eP	40	29.90	0.2
			eSg	30	46.50		SUF	66.66	332	eP	39	10.00	-0.4		1.0s	14.20nm			4.9mb	
NNT	6.33	110	ePn	29	56.60	1.3		0.4s	4.60nm			4.9mb		TCF	80.42	315	eP	40	31.40	0.4
			iSg	31	07.80		NUR	66.89	330	eP	38	54.00	-17.9X		1.0s	10.00nm			4.7mb	
NST	6.33	81	eP	29	55.40	0.1	SKO	67.05	310	eP	39	12.00	-1.3	CAF	80.79	314	eP	40	33.20	0.2
CHG	6.45	51	iPn	29	57.00	-0.1	OHR	67.53	309	eP	39	14.20	-2.3		0.9s	7.20nm			4.6mb	
			iPg	30	13.00		SDD	67.63	337	iP	39	16.30	-0.2	LSF	80.89	315	eP	40	33.50	0.1
			iSg	31	04.80		KEV	68.17	340	eP	39	24.00	4.2X		1.0s	7.40nm			4.6mb	
BSI	9.41	170	eP	30	39.00	0.9	PSZ	68.27	316	e(P)	39	21.00	0.0	RJF	81.09	314	eP	40	35.00	0.5
SNG	10.23	137	eP	30	51.00	1.6		0.8s	23.30nm			5.3mb			0.9s	11.10nm			4.8mb	
VIS	10.33	288	iP	31	02.00	11.3X	KRA	68.32	318	eP	39	20.60	-0.5	LPO	81.45	314	eP	40	36.90	0.5
			IS	32	46.00			1.0s	42.00nm			5.4mb			0.8s	9.10nm			4.8mb	
SHL	10.82	352	iP	30	53.00	-4.5X				e	39	30.00		LDF	81.49	318	eP	40	36.90	0.4
TSI	12.25	156	ePd	31	23.10	6.3X	MTD	68.82	245	iPd	39	35.00	10.2X	FLN	81.68	318	eP	40	37.70	0.2
	0.9s	851.60nm				6.8mb X	SRO	69.33	316	iP	39	27.70	0.3		0.9s	6.80nm			4.7mb	
IPM	12.51	144	ePc	31	21.90	1.6	KRI	70.57	246	iPd	39	26.90	-8.7X	LFF	81.71	314	eP	40	38.20	0.5
			e	31	39.90		KSP	70.67	319	iPd	39	35.50	0.0	EKA	81.76	325	Pc	40	38.60	0.8
			e	34	22.10			1.0s	31.00nm			5.3mb			0.8s	5.40nm			4.6mb	

09d 05h

MLS	81.89	312	eP	40	38.20	-0.6
MFF	81.94	316	eP	40	39.10	0.2
	1.0s	8.00nm			4.7mb	
ALE	82.19	357	eP	40	40.00	0.4
	0.9s	17.00nm			5.1mb	
LPF	82.21	318	eP	40	40.70	0.5
	0.9s	10.30nm			4.9mb	
EPF	82.41	312	eP	40	40.90	-0.6
WIN	83.61	245	iPd	40	49.30	1.1
	0.8s	33.58nm			5.5mb	
MAW	85.20	191	eP	40	55.00	0.1
COL	88.13	22	eP	41	10.00	0.5
INK	90.49	16	eP	41	20.00	-0.5
KRP	92.74	128	P	41	16.00	-15.3X
BDW	118.85	19	ePKP	47	08.20	0.1
	1.0s	3.80nm				
GSC	122.40	29	ePKP	47	16.00	1.1
SBB	122.40	31	ePKP	47	15.00	0.1
TPC	123.74	30	ePKP	47	18.00	0.5
PLM	123.95	31	ePKP	47	15.00	-3.1X
BAR	124.59	31	ePKP	47	20.00	0.9
GLA	125.18	29	ePKP	47	21.00	0.7
ALQ	126.96	21	ePKP	47	24.50	0.6
	1.0s	12.50nm				
TUL	128.77	10	ePKP	47	27.50	0.4
	0.9s	9.20nm				
BHO	130.41	9	e(PKP)	47	30.00	-0.2
LTX	133.03	21	ePKP	47	23.70	-11.8X
	1.2s	6.67nm				
JCT	133.14	16	ePKP	47	20.10	-15.5X
JCT	133.14	16	iPKP	47	46.00	10.4X
	1.0s	30.00nm				
VAO	141.94	252	e(PKP)	47	42.00	-10.2X
BAO	142.99	264	e(PKP)	47	47.10	-7.1X
VHO	146.55	18	iPKP	48	03.00	2.8X
SDV	151.75	326	ePKP	48	09.00	0.6
TPZ	159.30	248	PKP	48	21.00	2.8X
			e	48	57.50	
CNCB	162.20	261	iPKP	48	23.00	1.5
LPB	162.32	262	PKPd	48	23.00	1.6
	1.0s	24.00nm				
ZOBO	162.36	263	PKP	48	22.00	0.3
	1.0s	12.50nm				

S.D. = 1.0 on 131 of 151 obs.

? SEP 09, 1985 08h 22m 09.43± 4.52s
59.389 N ±25.4km 6.710 E ±32.8km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.1 (BER).

ODD	0.56	358	iPg	22	20.00	-0.9
			iSg	22	29.00	
KMY	0.77	257	iPg	22	24.10	-0.3
			eSn	22	36.00	
ASK	1.34	326	iPn	22	34.40	0.4
			eSn	22	53.00	
HYA	1.80	352	iPn	22	41.40	0.7
			iSn	23	06.40	
SUE	1.94	331	iPn	22	43.00	0.3
			eSn	23	07.50	

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

SEP 09, 1985 09h 33m 12.39± 0.56s
6.464 S ± 2.9km 149.865 E ± 2.9km
DEPTH = 13.5 ± 3.3 km
5.5mb (28 obs.) 5.2Msz (5 obs.)
NEW BRITAIN REGION (192)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 33C
Centroid Location:
Origin Time 09:33:17.7 0.3
Lat 6.78S 0.03 Lon 150.03E 0.04
Dep 10.1 FIX Half-duration 2.3
Moment Tensor; Scale 10**24 D-CM
Mrr=-2.38 0.07 Mtt= 2.23 0.10
Mff= 0.16 0.11 Mrt=-1.94 0.34
Mrf=-0.82 0.29 Mtf= 0.60 0.07
Principal Axes:
T Val= 3.17 Plg=21 Azm=163
N 0.02 4 72
P -3.19 69 331
Best Double Couple:Mo=3.2*10**24
NP1:Strike=260 Dip=25 Slip= -81
NP2: 70 66 -94

BIAL	1.65	46	eP	33	40.50	-0.5
LAT	2.85	266	iPc	34	00.40	2.1
RAB	3.22	46	eP	34	04.50	0.9
			iS	35	08.80	
ALOA	3.84	172	eP	34	10.00	-2.4
PMG	3.97	222	iPd-	34	16.20	2.0
MDG	4.24	286	eP	34	19.00	1.0
MOM	5.03	331	eP	34	35.50	6.2X
BGA	5.29	87	eP	34	32.00	-1.1
			eS	35	37.00	
PAA	5.59	89	eP	34	36.00	-1.3
			eS	35	49.00	
WEW	6.85	295	eP	35	02.00	7.0X
TZZ	8.68	277	eP	35	29.00	8.4X
VSG	10.14	106	e(P)	35	47.00	6.3X
HNR	10.41	107	eP	35	44.00	-0.4
			eS	37	49.00	
CTA	13.99	194	iPd+	36	34.80	2.3X
	1.2s	118.75nm			5.5mb	
			iS	39	10.00	
ISQ	17.34	214	eP	37	16.00	0.3
MTN	19.52	250	eP	37	42.00	-0.5
KOU	19.79	136	iPc	37	44.80	-0.6
RMQ	19.94	183	iPc	37	47.10	0.1
WRA	20.17	227	Pc	37	50.80	1.3
	1.0s	306.50nm			5.6mb	
GUA	20.47	346	e(P)	37	53.50	0.9
			eS	41	52.00	
GUMO	20.53	346	e(P)	37	54.40	1.2
PJG	20.53	346	e(P)	37	51.80	-1.4
BRS	21.00	173	iPc	37	59.10	1.1
PVC	21.21	124	iPc	38	05.80	5.6X
AAI	21.76	276	ePc	38	04.60	-1.1
	0.6s	33.00nm			4.9mb	
			eS	41	50.50	
NOU	22.46	136	iPc	38	13.00	0.4
KNA	22.64	244	eP	38	15.00	0.5
ASPA	22.98	220	eP	38	18.00	0.2
			e	40	02.00	
			ePcP	41	54.00	
			eS	42	29.00	
			e	42	59.00	
			e	45	48.00	
COO	24.06	176	iPd	38	29.20	0.9
	1.3s	452.00nm			5.9mb	
CMS	25.18	188	eP	38	40.00	1.0
STK	26.44	196	eP	38	50.00	-0.8
RIV	27.26	178	eP	38	59.00	0.9
			eS	43	52.00	
YOU	27.71	183	eP	39	01.80	-0.6
DAV	27.72	299	eP	39	04.00	1.4
			eS	44	02.00	
CAN	28.73	181	eP	39	11.00	-0.5
			e	39	25.40	
NDF	29.16	115	eP	39	16.10	0.5
WAM	29.60	182	eP	39	19.00	-0.3
			i	39	30.10	
TOO	31.22	187	eP	39	33.00	-0.7
BFD	31.29	191	eP	39	33.00	-1.3
MBL	32.53	240	eP	39	45.00	-0.3
	0.5s	31.00nm			5.5mb	
DNP	34.42	264	eP	40	00.70	-1.1
KLG	35.98	224	eP	40	15.00	0.0
TAU	36.37	183	iPc	40	18.10	0.1
NAU	36.78	241	eP	40	22.00	0.3
	0.5s	18.00nm			5.1mb	
BAG	36.83	308	eP	40	23.00	0.6
			eS	46	03.00	
TRT	36.96	266	iPd	40	22.50	-0.8
KRP	39.04	147	P	40	39.40	-1.1
KLB	39.05	226	eP	40	40.00	-0.7
	0.5s	40.00nm			5.4mb	
MRWA	39.14	231	eP	40	41.00	-0.5
	0.5s	14.00nm			4.9mb	
BAL	39.29	228	eP	40	42.00	-0.8
	0.5s	8.00nm			4.7mb	
NWAO	40.15	225	eP	40	49.70	-0.1
	0.6s	13.00nm			4.8mb	
	N 20s	6.10um				
	E 20s	6.30um				
MUN	40.37	227	eP	40	51.40	-0.2
	0.6s	49.00nm			5.4mb	
TCW	40.88	152	P	40	56.00	0.4
GNZ	40.92	146	P	40	55.00	-1.0
RKG	40.95	223	eP	40	59.00	2.7X
	0.6s	33.00nm			5.2mb	
MNG	41.01	150	P	40	56.60	-0.1

MSZ	41.19	160	P	41	03.50	5.3X
ANP	41.83	320	e(P)	41	08.00	4.2X
QZH	43.60	317	eP	41	24.00	5.9X
			S	47	51.00	
SHK	43.89	339	eP	41	19.70	-0.6
MAT	44.15	346	eP	41	21.00	-1.4
	1.5s	83.33nm			5.4mb	
	Z 20s	2.31um			5.1Msz	
			eS	47	45.00	
HKC	45.15	310	eP	41	34.00	3.3X
SSE	46.34	325	eP	41	38.00	-1.9
	Z 24s	4.30um			5.3MszX	
	N 16s	2.00um				
	E 24s	3.30um				
			eS	48	28.00	
			sS	48	46.00	
SSE	46.34	325	eP	41	42.50	2.6X
			eS	48	28.00	
QIZ	46.87	304	eP	41	44.00	-0.3
KGM	47.22	279	iPc	41	48.80	1.6
NJ2	48.38	324	eP	42	00.90	4.9X
			S	48	56.50	
PPI	49.71	275	ePc	42	06.20	-0.3
	0.8s	103.80nm			5.9mb	
IPM	49.98	281	ePc	42	06.90	-1.7
			e	43	26.90	
WHN	50.11	319	eP	42	10.50	1.2
SNG	50.97	285	eP	42	17.00	0.9
PSI	51.66	279	eP	42	21.00	-0.4
	1.5s	235.00nm			5.9mb	
TIA	52.40	326	eP	42	30.80	4.2X
GYA	53.14	310	eP	42	36.20	3.7X
SNY	53.73	336	eP	42	37.20	0.9
NST	53.93	295	eP	42	40.10	1.9
MDJ	54.02	342	eP	42	38.00	-0.4
			S	50	19.00	
CN2	54.69	338	eP	42	41.50	-1.8
KMI	55.55	306	eP	42	50.00	-0.2
	E 18s	1.10um				
			S	50	12.00	
BJI	55.73	329	eP	42	51.00	0.1
			eS	50	37.00	
			SS	54	30.00	
TIY	56.10	324	P	42	57.60	3.8X
			S	50	44.00	
CHG	56.11	298	eP	42	57.00	2.9X
CD2	57.66	313	eP	43	04.40	-0.5
			eS	51	03.00	
HHC	58.75	327	eP	43	17.00	4.5X
			S	51	20.00	
BTO	59.44	325	eP	43	21.60	4.3X
AFR	59.84	106	eP	43	21.00	0.7
	1.3s	100.00nm			5.8mb	
PAE	60.03	107	eP	43	22.00	0.4
	1.3s	70.00nm			5.6mb	
PPT	60.03	106	eP	43	22.00	0.4
	1.3s	55.00nm			5.5mb	
PPN	60.17	106	eP	43	23.00	0.5
	0.3s	130.00nm			6.5mb X	
TVO	60.35	107	eP	43	24.00	0.1
	1.3s	130.00nm			5.9mb	
LZH	60.44	318	eP	43	25.00	0.7
	E 22s	2.50um				
			S	51	40.00	
DRV	60.49	184	eP	43	23.50	-0.4
PMO	61.57	104	iP	43	32.40	0.3
	0.3s	150.00nm			6.6mb X	
VAH	61.83	104	iP	43	33.60	-0.3
	0.3s	85.00nm			6.4mb	
TPT	61.84	103	iP	43	34.10	0.2
	1.3s	110.00nm			5.9mb	
RUV	62.07	104	iP	43	35.40	0.0
	1.3s	65.00nm			5.6mb	
SHL	64.67	302	eP	43	50.20	-2.5
GTA	64.94	319	eP	43	53.70	-0.4
			eS	52	34.00	
LSA	66.80	306	eP	44	03.40	-3.3X
PKI	70.80	302	eP	44	30.80	-0.5
	0.5s	8.00nm			5.1mb	
KKN	70.98	302	eP	44	30.80	-1.5
	0.6s	13.00nm			5.2mb	
DMN	71.07	302	eP	44	32.00	-0.9
	0.7s	28.00nm			5.5mb	
SBA	71.90	176	e(P)	44	35.60	-1.0
RKT	73.86	112	eP	44	46.00	-3.1X
	1.0s	45.00nm			5.5mb	
KOD	73.98	283	eP	44	53.00	2.7X

09d 09h

HYB	74.29	290	eP	44	49.50	-2.2	ENN	126.62	332	ePKP	52	05.50	-11.5X	NAU	11.45	197	eP	22	57.00	0.0
WMQ	75.01	318	eP	44	56.00	0.5		1.2s		18.00nm					0.3s		6.00nm			5.3mb X
NDI	78.05	301	eP	45	12.00	-0.7				e	52	16.50					eS	24	55.00	
POO	78.90	290	eP	45	14.50	-3.1X	MEM	126.69	332	PKP	52	17.00	-0.1	MEK	14.96	182	eP	23	44.00	0.4
KSH	81.79	311	eP	45	36.00	3.3X	EKA	126.71	341	PKPd	52	17.70	0.6				iS	26	20.00	
MAW	82.92	203	eP	45	38.00	0.2		0.8s		7.30nm				WRA	16.79	122	eP	24	07.20	0.1
SPA	83.58	180	iPd	45	41.50	0.0	BUH	126.88	329	ePKP	52	17.00	-0.7				eS	27	05.00	
	0.8s		29.58nm			5.5mb	WLF	127.26	331	PKPc	52	20.00	1.8	MRWA	17.79	189	eP	24	20.00	0.5
COL	84.51	22	eP	45	43.00	-2.9	CDF	127.54	329	ePKP	52	18.20	-0.8				eS	27	22.00	
QUE	87.12	301	eP	45	40.00	-19.9X	SNF	127.55	333	PKP	52	20.20	1.4	BAL	19.07	187	eP	24	39.00	3.9X
INK	91.05	21	eP	46	20.00	2.7X	DOU	127.70	332	PKP	52	19.40	0.3				eS	27	54.00	
SYP	93.75	56	eP	46	33.00	2.4X	BSF	128.16	329	ePKP	52	19.50	-0.7	KLB	19.95	184	eP	24	51.00	6.0X
ISA	95.07	55	eP	46	36.00	-0.6	HAU	128.27	329	ePKP	52	20.00	-0.3				eS	28	17.00	
PAS	95.21	56	eP	46	39.00	1.8	LPG	129.68	327	ePKP	52	23.90	0.5	MUN	20.48	187	eP	24	58.00	7.6X
MWC	95.31	56	eP	46	39.00	1.1	LOR	130.01	330	ePKP	52	23.40	-0.2				eS	28	26.00	
SBB	95.53	56	eP	46	41.00	2.3X	LBF	130.15	330	ePKP	52	24.00	0.1		S.D. = 0.7		on	6 of	9 obs.	
			e	47	11.00		CVF	130.23	322	ePKP	52	23.70	-0.5							
CLC	95.79	55	eP	46	41.00	1.1	SSF	130.33	330	ePKP	52	24.20	0.0		SEP 09, 1985 10h 36m 19.04± 1.21s					
RVR	95.85	57	eP	46	42.00	1.8	GRC	130.38	331	iPKPc	52	25.00	0.7		5.921 S ± 9.4km 104.914 E ± 8.9km					
PLM	96.24	57	eP	46	43.00	0.8				e	55	48.00			DEPTH = 86.5 ± 10.9 km					
BAR	96.36	58	eP	46	45.00	2.5X	SMF	130.45	330	ePKP	52	24.30	-0.2		5.3mb (10 obs.)					
GSC	96.41	55	eP	46	45.00	2.3X	AVF	130.60	330	ePKP	52	24.50	-0.2		SOUTHERN SUMATERA					(274)
TPC	96.96	56	eP	46	47.00	1.8	LDF	130.91	334	ePKP	52	25.10	-0.2							
EUR	97.28	51	iP	46	47.20	0.4	FLN	130.94	334	ePKP	52	25.10	-0.2	PPI	7.06	320	eP	38	01.50	-0.1
	0.2s		2.79nm			5.5mb	FRF	130.95	325	ePKP	52	25.20	-0.3	TRT	7.87	103	ePc	38	15.00	2.2
GLA	97.93	58	eP	46	52.00	2.4X	BGF	131.01	330	ePKP	52	25.70	0.2		0.5s		24.00nm			5.1mb
SES	100.75	40	ePdiff	47	02.00	0.0	UPA	131.01	84	ePKPc	52	25.80	-0.6	KGM	8.04	349	ePc	38	17.50	2.3
ALQ	104.88	56	e(Pdif	47	05.00	-16.0X		1.0s		30.00nm				PSI	10.44	325	eP	38	48.00	0.2
JCT	110.76	60	ePKP	51	46.10	-1.2		Z 19s		0.31um			5.0Msz	IPM	11.13	339	ePd	38	54.80	-2.3
	0.9s		4.20nm							e	55	54.00					e	39	35.60	
	Z 18s		1.41um			5.6Msz				e	12	17.00		NAU	19.43	149	eP	40	39.00	-2.3
TUL	113.44	54	e(PKP)	51	53.50	1.3	LMR	131.17	325	ePKP	52	25.70	-0.2				eS	43	56.00	
	0.5s		16.70nm				LRG	131.18	325	ePKP	52	26.00	0.1	MBL	20.94	138	eP	40	55.00	-1.9
BHO	114.44	55	ePKP	51	55.20	1.0	MZF	131.38	330	ePKP	52	26.50	0.2				eS	44	46.00	
MTD	114.77	248	iPKPc	51	57.00	1.6	GRR	131.39	334	ePKP	52	26.20	0.0	CHG	25.27	347	eP	41	38.50	-0.5
BUL	116.49	24	iPKPc	51	58.30	-0.4	BNG	131.51	270	ePKPd	52	18.10	-9.4X	KNA	25.35	115	eP	41	38.70	-1.0
	0.7s		3.08nm					0.5s		15.00nm				MTN	26.75	107	eP	41	52.00	-0.6
KRI	116.57	248	ePKP	51	58.00	-0.9				ic	52	26.40		KMI	30.93	356	eP	42	30.50	0.3
HFS	117.10	337	ePKP	51	56.70	-1.7				id	52	36.90		KOD	31.70	300	eP	42	37.20	0.0
	0.5s		2.80nm				TCF	131.51	330	ePKP	52	26.70	0.2	WRA	31.81	119	iPc	42	36.70	-1.0
NAO	117.72	339	PKP	51	57.40	-2.2X	LPF	131.74	334	ePKP	52	26.80	0.0	ASPA	33.00	125	eP	42	48.00	-0.1
	0.7s		2.70nm				LSF	131.87	331	ePKP	52	27.00	-0.2		0.7s		55.00nm			5.5mb
MLR	118.01	319	ePKP	51	59.00	-1.8	MFF	132.41	332	ePKP	52	28.10	-0.1				e(S)	48	01.00	
LSZ	118.32	249	iPKP	52	02.50	0.3	CAF	132.54	329	ePKP	52	28.80	0.3	GBA	33.48	306	P	42	52.00	-0.2
CLO	120.22	319	ePKPd	52	03.00	-1.9	RJF	132.55	330	ePKP	52	28.70	0.2	SHL	33.76	339	iP	42	52.50	-2.3
VAY	121.81	315	ePKP	52	06.00	-2.0	PSO	132.65	94	ePKP	52	30.50	0.4	PKI	38.26	331	iPd	43	32.00	-1.0
ZST	122.31	324	ePKP	52	10.40	1.7	LPO	133.15	329	ePKP	52	30.10	0.4		0.5s		9.00nm			4.9mb
SKO	122.35	316	iPKP	52	09.00	0.0	LFF	133.20	330	ePKP	52	30.20	0.5	KKN	38.51	331	iPd	43	34.20	-0.7
BRG	122.60	328	iPKPc	52	09.10	-0.1	EPF	134.75	328	ePKP	52	33.00	0.2		0.6s		30.00nm			5.4mb
	1.6s		30.00nm				YJA	135.17	130	e(PKP)	52	22.80	-11.9X	POO	39.10	309	iPc	43	40.30	0.5
PRU	122.79	327	PKP	52	09.50	-0.1	TPZ	135.41	129	ePKP	52	26.00	-9.1X	PMG	41.99	97	e(P)	44	04.00	0.5
	Z 20s		0.60um			5.2Msz				i	52	37.70		CTA	42.53	113	iPd	44	08.50	0.6
	N 19s		0.40um				LPB	136.04	122	ePKP	52	31.00	-5.5X		1.0s		20.50nm			4.9mb
	E 19s		0.60um				ZOBO	136.14	121	PKP	52	21.80	-15.1X	STK	42.90	132	iPc	44	11.10	0.3
			e	52	20.00					LR	37	25.00			0.6s		36.00nm			5.4mb
CLL	122.83	329	iPKPc	52	09.40	-0.2	BOG	136.25	90	ePKP	52	37.00	0.1	NDI	43.54	324	iPd	44	15.00	-0.9
	1.0s		18.00nm				TOL	139.31	329	ePKP	52	43.00	1.6		0.6s		26.67nm			5.2mb
SOP	122.89	324	ePKPd	52	10.20	0.4	SDV	139.81	84	ePKP	52	37.60	-5.6X	GUMO	44.15	64	eP	44	20.70	-0.4
	1.6s		39.50nm				SJG	143.04	68	e(PKP)	52	27.00	-21.6X	PJG	44.15	64	eP	44	20.60	-0.5
OHR	123.13	316	ePKP	52	09.00	-1.6	CAR	143.41	81	iPKPc	52	46.30	-3.2X	GUA	44.17	64	eP	44	20.50	-0.7
SCH	123.55	24	ePKP	52	11.00	0.0		0.8s		65.67nm					0.5s		50.70nm			5.6mb
KHC	123.79	327	PKPc	52	11.00	-0.7	IFR	144.47	323	iPKP	52	49.00	-1.9	YOU	49.06	131	eP	45	00.10	0.6
	0.9s		18.50nm				CUM	146.12	81	ePKP	52	54.20	0.3	CAN	49.96	132	eP	45	06.50	0.1
	N 20s		0.50um				VAO	146.41	151	ePKP	52	54.80	0.5	BRS	50.19	121	P	45	09.60	1.4
	E 20s		0.50um				GUV	147.27	86	iPKPc	52	58.00	2.2X				e	45	17.00	
			e	52	22.20		BMA	147.94	155	ePKP	53	04.20	7.5X	WAM	50.25	133	eP	45	09.70	1.1
OTT	124.71	38	ePKP	52	13.00	-0.4	TRN	148.81	80	ePKP	53	02.20	4.0X	MAT	52.49	34	iPc	45	24.90	-0.5
	0.7s		28.00nm					1.2s		110.50nm				SPA	84.12	180	e(P)	48	48.20	6.6X
GRF	124.71	329	ePKP	52	14.00	0.6	BAO	151.81	141	e(PKP)	53	04.10	1.3	VRI	86.05	317	ePd	48	53.00	1.7
	Z 21s		0.60um			5.2Msz				i	53	15.10		MLR	86.50	316	iPc	48	55.00	1.3
LJU	124.92	323	ePKP	52	14.00	0.1	KIC	154.76	271	ePKP	53	07.90	1.1	BNG	86.85	275	iPd	49	09.10	13.2X
BLA	125.05	49	ePKP	52	14.10	-0.4	ATB	155.91	113	PKPc	53	09.10	0.7		0.5s		6.00nm			
	0.9s		29.41nm				SOB1	161.10	145	ePKP	53	16.50	2.1X	CLO	88.60	315	iPc	49	05.00	1.3
KBA	125.06	325	i(PKP)	52	14.50	0.2	ITR	162.77	151	ePKP	53	15.50	-0.5	KJF	89.75	335	iP	49	09.20	0.5
	1.1s		26.30nm							e	54	04.50			0.7s		21.40nm			5.4mb
			i	52	20.40			S.D. = 1.0		on 176 of 223 obs.							i	49	24.00	
			i	52	23.80									SUF	90.09	333	iP	49	11.20	0.9
VOY	125.31	324	ePKP	52	13.70	-1.1	* SEP 09, 1985 10h 20m 12.71± 1.18s								0.5s		2.50nm			4.7mb
WTS	125.38	333	e(PKP)	52	24.50	10.0X	11.585 S ±11.6km 119.168 E ±12.7km							NUR	90.33	331	eP	49	12.00	0.6
TRI	125.56	323	ePKP	52	14.60	-0.5	DEPTH = 33.0km (normal)							SOD	90.94	338	eP	49	08.00	-6.1X
FUR	125.59	327	iPKPd	52	16.10	0.9	SOUTH OF SUMBA ISLAND						(292)	SOB1	142.76	246	ePKP	55	42.30	-2.8X
EDU	125.66	342	ePKPd	52	13.80	-1.2											e	55	57.10	
MNT	125.91	37	ePKP	52	15.00	-0.8	TRT	7.51	300	iPc	22	02.60	-0.1	OCO	144.05	32	e(PKP)	55	46.00	-0.7
ESY	126.06	341	ePKP	52	15.50	-0.3				eS	22	53.10		LTX	144.36	46	iPKP	55	47.80	0.3
	0.8s		13.00nm				MBL	9.54	176	eP	22	30.00	-0.9		0.8s		34.60nm			
EBL	126.31	341	ePKPd	52	16.90	0.6		0.3s		8.00nm			5.4mb X	TUL	144.61	30	iPKPc	55	47.20	-0.4
OGA	126.49	326	iPKPc	52	16.80	-0.4				eS	24	12.00			0.7s		62.40nm			

09d 10h

FVM 145.17 21 ePKP 55 48.50 0.0
0.6s 18.86nm
BAO 145.67 231 e(PKP)55 50.50 0.4
BHO 146.28 30 iPKPc 55 52.90 2.4X
JCT 146.28 41 ePKP 55 51.50 0.8
1.0s 107.50nm
PRM 151.18 13 ePKP 56 05.20 7.1X
TPZ 151.27 198 PKP 56 02.50 3.4X
i 56 08.10
S.D. = 1.1 on 43 of 50 obs.

* SEP 09, 1985 11h 01m 59.83± 0.93s
21.540 N ±10.1km 122.447 E ±10.5km
DEPTH = 33.0km (normal)
TAIWAN REGION (243)

TATO 3.53 346 eP 02 54.40 0.7
eS 03 25.90
ANP 3.73 347 eP 02 57.00 0.5
GZH 8.57 282 eP 04 03.50 -1.1
S 05 38.00
QIZ 12.09 260 eP 04 48.80 -4.0X
GYA 15.23 292 eP 05 35.00 0.7
TIY 18.30 334 eP 06 13.30 0.5
CD2 19.17 303 eP 06 23.40 -0.1
eS 09 53.00
BJI 19.20 345 eP 06 23.50 -0.2
SNY 20.25 2 eP 06 33.80 -1.3
CN2 22.34 6 eP 06 55.70 -0.5
MDJ 23.76 13 eP 07 11.50 1.4
WRA 42.84 163 eP 09 57.50 0.9
COL 70.62 27 eP 13 12.00 -1.7
S.D. = 1.1 on 12 of 13 obs.

* SEP 09, 1985 11h 09m 36.00± 1.59s
36.031 N ±11.3km 140.146 E ±16.3km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)

TSK 0.18 351 iPd 09 44.00 1.6
DDR 0.77 268 iPd 09 50.70 0.2
e 10 08.30
SRY 0.82 239 eP 09 52.70 1.5
KYS 0.83 180 eP 09 50.90 -0.4
OYM 0.95 231 eP 09 55.20 2.1
MAT 1.65 289 iPc 10 02.40 -0.6
eS 10 29.00
S.D. = 1.5 on 6 of 6 obs.

* SEP 09, 1985 12h 39m 33.71± 0.95s
27.937 N ±11.3km 140.898 E ±17.3km
DEPTH = 33.0km (normal)
5.2mb (3 obs.)
BONIN ISLANDS REGION (212)

MAT 8.88 346 eP 41 43.00 0.3
WRA 48.07 188 eP 48 12.00 0.3
e 48 28.20
PKI 48.73 283 eP 48 17.60 -0.1
0.9s 20.00nm 5.1mb
KKN 48.79 284 eP 48 18.00 0.0
1.0s 46.00nm 5.5mb
DMN 48.99 283 eP 48 19.40 -0.2
0.7s 14.00nm 5.1mb
COL 57.15 29 eP 49 19.00 -0.3
S.D. = 0.3 on 6 of 6 obs.

% SEP 09, 1985 13h 18m 26.38± 0.76s
60.730 N ± 5.8km 5.570 E ± 7.7km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.9 (BER).

ASK 0.31 217 iPg 18 32.40 -0.4
eSg 18 36.50
SUE 0.51 310 iPg 18 36.90 0.1
eSg 18 44.00
HYA 0.53 34 iPg 18 37.00 -0.1
eSg 18 44.20
ODD 0.95 145 iPn 18 44.50 -0.1
eSn 18 57.50
KMY 1.53 186 ePn 18 54.20 0.5
eSn 19 12.50
S.D. = 0.4 on 5 of 5 obs.

SEP 09, 1985 13h 59m 33.43± 0.27s
26.506 N ± 5.6km 44.681 W ± 5.4km
DEPTH = 10.0km (geophysicist)
4.9mb (19 obs.) 4.4Msz (2 obs.)
NORTH ATLANTIC RIDGE (403)

ITR 35.58 169 eP 06 32.70 -0.4
SOB1 35.69 174 eP 06 33.80 -0.3
EPF 39.98 54 eP 07 10.50 0.6
LPF 40.15 46 eP 07 11.80 0.6
MFF 40.37 48 eP 07 13.60 0.7
LFF 40.60 51 eP 07 15.20 0.3
FLN 40.72 45 eP 07 16.10 0.3
LDF 40.90 45 eP 07 17.70 0.4
RJF 41.22 51 eP 07 20.00 0.1
LSF 41.42 49 eP 07 21.90 0.3
GRC 42.67 48 iPd 07 32.30 0.5
AVF 42.76 49 eP 07 32.90 0.4
1.4s 18.10nm 4.6mb
SSF 42.91 48 eP 07 34.00 0.2
SMF 43.06 49 eP 07 35.50 0.4
LOR 43.19 48 eP 07 36.10 0.0
1.6s 18.60nm 4.6mb
LBF 43.22 49 eP 07 36.20 -0.1
TUL 44.28 295 eP 07 45.80 0.7
1.3s 32.50nm 5.0mb
e 07 53.20
LPG 44.89 51 eP 07 51.10 0.9
HAU 44.98 48 eP 07 50.60 0.0
BSF 45.25 48 eP 07 52.50 -0.3
MEM 45.26 44 P 07 53.80 1.1
CDF 45.66 47 eP 07 55.90 -0.1
1.8s 24.10nm 4.9mb
ZOBO 48.24 211 P 08 17.30 0.1
1.2s 16.89nm 5.0mb
Z 22s 0.47um 4.4Msz
LR 23 15.00
CCH 48.35 208 eP 08 19.00 1.3
LPB 48.46 211 iPc 08 24.00 5.3X
Z 22s 0.37um 4.3Msz
LR 23 28.00
CNCB 48.65 210 P 08 20.80 0.5
CLL 49.74 44 e(P) 08 28.00 0.2
KHC 49.88 47 P 08 29.00 0.0
BRG 50.28 45 eP 08 32.90 1.0
1.6s 25.00nm 4.9mb
LJU 50.36 51 eP 08 28.00 -4.6X
NAO 50.54 32 P 08 32.20 -1.5
1.1s 17.60nm 4.9mb
PRU 50.58 46 Pc 08 35.00 0.8
2.2s 63.10nm 5.2mb
KSP 51.76 45 eP 08 53.50 10.3X
SOP 51.79 49 eP 08 42.20 -1.2
DAG 51.86 7 iPd 08 43.10 -0.4
0.5s 10.56nm 5.0mb
TPZ 51.86 205 P 08 44.70 0.1
ALQ 53.04 295 eP 08 54.00 0.8
1.1s 9.49nm 4.6mb
BDW 54.52 305 eP 09 04.00 0.0
1.0s 6.80nm 4.6mb
ALE 56.48 357 ePc 09 16.50 -0.9
1.3s 59.00nm 5.5mb
EDM 56.59 318 eP 09 17.50 -1.1
4.7s 448.00nm 5.8mb X
SUF 58.03 31 iP 09 28.10 -0.4
0.5s 3.00nm 4.6mb
MLR 58.36 51 ePd 09 32.50 1.3
SOD 58.64 25 eP 09 31.00 -1.8
KJF 58.82 29 iP 09 33.90 -0.1
0.8s 20.50nm 5.3mb
VRI 58.86 51 ePd 09 35.00 0.4
KEV 59.06 23 iP 09 35.20 -0.5
0.6s 18.30nm 5.4mb
NEW 59.28 312 eP 09 37.00 -0.5
EUR 59.76 302 iP 09 41.60 0.4
0.3s 2.31nm 4.8mb
BCAO 64.11 98 eP 10 08.30 -2.2
1.1s 5.30nm 4.6mb
BNG 64.12 98 iPc 10 08.60 -1.9
0.9s 14.00nm 5.2mb
ic 10 09.70
INK 65.24 336 eP 10 16.00 -1.0
COL 71.65 334 eP 10 57.00 0.1
1.1s 10.13nm 4.8mb
S.D. = 0.8 on 49 of 52 obs.

% SEP 09, 1985 14h 15m 13.92± 1.02s
60.317 N ± 6.7km 5.209 E ±13.4km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.4 (BER).

ASK 0.17 358 iPg 15 17.00 -0.7
eSg 15 20.30
SUE 0.77 344 ePn 15 30.00 1.0
eSn 15 40.50
ODD 0.82 116 ePg 15 30.30 0.5
eSg 15 40.50
HYA 0.98 29 iPn 15 32.00 -0.5
eSn 15 46.50
KMY 1.11 179 iPn 15 34.30 -0.4
eSn 15 49.60
S.D. = 1.0 on 5 of 5 obs.

SEP 09, 1985 15h 18m 03.14± 0.20s
46.343 N ± 4.7km 153.360 E ± 3.5km
DEPTH = 33.0km (normal)
5.4mb (66 obs.) 5.2Msz (6 obs.)
KURIL ISLANDS (221)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 25C
Centroid Location:
Origin Time 15:18: 5.5 0.4
Lat 46.21N 0.05 Lon 152.96E 0.09
Dep 10.0 FIX Half-duration 1.8
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.08 0.05 Mtt=-0.50 0.05
Mff=-0.58 0.07 Mrt= 0.09 0.19
Mrf= 1.02 0.17 Mtf=-0.78 0.05
Principal Axes:
T Val= 1.60 Plg=61 Azm=254
N -0.01 21 30
P -1.59 18 127
Best Double Couple:Mo=1.6*10**24
NP1:Strike=247 Dip=33 Slip= 132
NP2: 20 66 67

SAP 9.17 253 eP 20 15.00 -1.1
eS 21 57.00
DDR 14.83 231 eP 21 37.40 5.2X
MAT 14.98 235 iPc 21 29.10 -4.9X
1.0s 70.00nm 4.9mb
eS 24 33.00
OYM 15.24 229 eP 21 40.80 3.3X
SHK 19.61 240 eP 22 30.00 -1.5
BJI 27.65 270 eP 23 48.00 -1.6
ePP 24 32.00
eS 28 30.00
SSE 29.11 250 Pc 24 02.60 -0.3
1.5s 17.00nm 4.5mb
N 16s 2.00um
eS 28 56.00
ANP 33.03 241 eP 24 38.00 0.5
COL 36.38 38 iP 25 05.90 0.2
1.0s 41.50nm 5.3mb
LZH 38.07 273 iPc+ 25 20.50 0.0
2.0s 336.00nm 5.8mb
N 17s 1.80um
E 17s 4.10um
S 31 09.00
HKC 39.70 246 e(F) 25 37.00 3.1X
BAG 40.40 233 eP 25 38.00 -1.9
eS 31 44.00
INK 41.91 32 ePc 25 51.00 -0.5
KMI 45.34 260 Pc+ 26 19.50 -0.6
5.0s 0.70nm 2.8mb X
N 16s 1.10um
PP 28 06.00
S 33 03.00
DAV 45.84 220 eP 26 24.00 0.2
eS 33 06.00
ALE 50.13 6 eP 26 55.00 -1.5
0.9s 28.00nm 5.3mb
YKA 51.15 37 eP 27 07.80 3.3X
CHG 52.19 257 iPc 27 13.20 0.3
1.1s 56.96nm 5.4mb
eS 34 48.00
CHTO 52.19 257 iPc 27 13.10 0.2
1.2s 62.50nm 5.4mb
SHL 52.53 269 iP 27 14.40 -1.3
NST 53.62 253 eP 27 23.80 0.4
PNT 55.33 53 eP 27 35.00 -0.7
0.7s 13.00nm 5.1mb
KKN 55.70 276 iPc 27 39.00 0.1
PKI 55.74 275 iPc 27 39.30 0.0

09d 15h

DMN		55.93	276	iPc	27	41.00	0.4	COP		73.16	338	eP	29	32.00	0.2	RTB		80.60	308	ePd	30	15.00	1.2
NNT		56.13	251	eP	27	42.90	1.1	MUD		73.26	340	iP	29	32.60	0.2	KDZ		80.93	323	iPd	30	17.00	1.6
DAG		57.06	358	iPd	27	45.20	-2.5			0.7s		20.00nm			5.2mb	VTS		81.00	325	iP	30	16.00	0.4
		0.7s		29.45nm			5.4mb	BRS		73.39	181	P	29	34.20	0.8	CDF		81.10	338	eP	30	16.30	0.1
NEW		57.29	53	P	27	49.00	-0.8	KRA		75.85	331	iPc	29	46.80	-0.6			0.9s		32.70nm			5.3mb
		1.2s		14.88nm			4.9mb			0.7s		45.00nm			5.6mb	SLE		81.37	337	ePd	30	17.90	0.3
KEV		57.78	341	eP	27	51.00	-1.9		Z	18s		2.60um			5.6Msz	OGA		81.47	335	iPc	30	18.90	0.6
		0.7s		12.00nm			5.1mb					e	29	50.70				0.9s		58.00nm			5.6mb
	Z	16s		1.70um			5.3MszX					e	29	57.70		SAX		81.60	336	ePd	30	19.30	0.2
				eS	35	52.00						e	34	24.00		MMB		81.64	324	iP	30	20.00	0.9
				eScS	37	42.00		CLI		76.09	325	ePd	29	47.50	-1.4	ZUL		81.66	337	ePd	30	19.60	0.5
				eSS	40	16.00		PPE		76.23	325	eP	29	50.50	0.8	HAU		81.71	338	eP	30	19.60	0.2
				LR	59	34.00		KSP		76.34	334	eP	29	48.00	-2.2	BSF		81.76	338	eP	30	19.50	-0.2
GAS		59.00	64	P	28	02.00	0.0			0.9s		49.00nm			5.5mb			0.8s		22.30nm			5.2mb
SES		59.28	48	ePc	28	02.30	-1.4					id	29	49.00		OSS		81.89	335	ePd	30	20.90	0.4
TRO		59.62	343	iP	28	04.50	-1.2	SPC		76.49	330	eP	29	51.60	0.3	LLS		82.05	336	ePd	30	21.90	0.5
SOD		59.69	339	iP	28	04.50	-1.7	MSL		76.54	309	ePd	29	52.50	0.9	VDL		82.26	336	ePd	30	23.40	0.9
ORV		59.82	63	P	28	05.00	-2.4	EKA		76.78	346	Pc	29	51.70	-0.9	FLN		82.57	343	eP	30	24.10	0.3
NDI		60.65	282	iPc	28	12.20	-1.0			1.3s		27.50nm			5.1mb			1.0s		29.10nm			5.3mb
		0.7s		68.49nm			5.9mb	CFR		76.86	324	ePd	29	53.00	-0.1	LDF		82.66	343	eP	30	24.50	0.3
				eS	36	22.00		VRI		76.87	325	ePd	29	53.50	0.2	TMA		82.78	336	ePd	30	25.50	0.4
FFC		60.94	40	iPc	28	14.50	-0.4	CLL		76.90	336	iPc	29	52.60	-0.7	GRR		83.01	343	eP	30	26.60	0.6
		1.2s		71.00nm			5.7mb			1.0s		86.00nm			5.7mb			1.0s		47.60nm			5.5mb
LRM		61.31	53	eP	28	17.50	-0.3	BRG		77.02	335	iPc	29	53.20	-0.8	LOR		83.02	340	iPc	30	26.30	0.1
JAS1		61.48	64	P	28	19.00	0.2			1.7s		74.00nm			5.4mb			0.9s		31.70nm			5.4mb
KJF		61.85	336	iP	28	19.00	-1.9					e	30	27.10		MMK		83.08	337	ePd	30	28.10	1.3
		0.8s		29.30nm			5.5mb	WIT		77.19	340	eP	29	57.00	2.1	GRC		83.18	340	iPc	30	27.40	0.5
	Z	16s		2.30um			5.4MszX	TLB		77.39	323	eP	29	57.00	0.9	OHR		83.21	326	eP	30	25.50	-1.8
				eS	36	46.00		MSR		77.48	326	ePd	29	56.00	-0.7	DIX		83.21	337	ePd	30	28.80	1.3
				eScS	38	12.00		MLR		77.50	325	ePd	29	57.00	0.1	LBF		83.26	339	iPc	30	27.50	0.1
				eSS	40	36.00		LTX		77.54	61	iP	29	57.10	-0.3	SSF		83.30	340	iPc	30	27.90	0.3
				LR	59	12.00				1.0s		19.60nm			5.1mb			0.8s		22.00nm			5.3mb
BMN		61.89	60	eP	28	21.90	0.2	ISR		77.55	325	ePd	29	57.50	0.4	LPF		83.38	343	eP	30	28.40	0.5
KGM		61.98	240	ePd	28	23.40	1.1	PRU		77.63	334	P	29	57.50	0.2			1.1s		42.50nm			5.5mb
HPI		62.26	55	P	28	24.50	0.2			1.5s		55.80nm			5.4mb	AVF		83.59	340	iPc	30	29.70	0.7
EUR		63.23	60	iP	28	30.50	-0.2		Z	17s		2.30um			5.6MszX			1.1s		58.50nm			5.6mb
		0.5s		5.32nm			4.9mb		N	18s		1.50um				SMF		83.61	339	iPc	30	29.70	0.5
SUF		63.45	336	iP	28	29.80	-1.7		E	16s		1.50um						1.2s		102.30nm			5.8mb
		0.6s		12.50nm			5.2mb	PSZ		77.70	330	eP	29	58.20	0.3	CRI		83.66	312	eP	30	30.50	0.8
SYP		63.88	67	eP	28	36.00	1.1	MOX		77.89	336	eP	29	58.50	-0.3	JER		84.30	311	eP	30	34.00	1.0
ISA		64.11	65	eP	28	35.00	-1.3			1.9s		121.00nm			5.6mb	MZF		84.31	340	iPc	30	33.50	0.8
PSI		64.14	245	ePc	28	40.50	3.9X		Z	18s		1.10um			5.2Msz			0.8s		15.70nm			5.2mb
VPEM		64.34	64	P	28	37.50	-0.4		N	14s		0.80um				TCF		84.33	340	iPc	30	33.50	0.7
CLC		64.56	64	eP	28	39.00	-0.2		E	16s		0.90um						0.9s		21.20nm			5.3mb
BDW		64.84	54	eP	28	40.60	-0.6	WTS		77.91	340	iPc	29	59.10	0.3	LSF		84.52	341	iPc	30	33.90	0.1
		1.3s		21.13nm			5.1mb			1.0s		66.00nm			5.6mb			1.0s		50.70nm			5.7mb
SBB		65.14	65	eP	28	45.00	2.0					e	30	12.50		MFF		84.56	342	eP	30	34.50	0.6
FRB		65.38	19	eP	28	45.00	1.1	BHD		78.16	306	ePd	30	00.00	-0.6			1.0s		28.00nm			5.4mb
GSC		65.39	64	eP	28	44.00	-0.6	COZ		78.27	326	ePd	30	02.00	0.8	ATH		84.69	322	eP	30	34.00	-0.7
NUR		65.65	335	iP	28	44.20	-1.5	SRO		78.33	331	iP	30	02.00	0.8	NWAO		85.38	210	eP	30	38.00	0.0
		0.7s		36.00nm			5.6mb	BUD		78.37	330	e(P)	30	01.00	-0.5	RJF		85.42	340	eP	30	38.40	0.1
	Z	18s		1.70um			5.3Msz	ZST		78.40	332	iP	30	01.80	0.2			1.0s		21.60nm			5.3mb
				eS	37	38.00		KHC		78.68	334	iPc	30	03.50	0.3	PRNI		85.53	310	iP	30	40.00	0.9
				LR	00	00.00				1.0s		67.50nm			5.6mb	CAF		85.65	340	eP	30	39.90	0.4
SDW		65.67	65	P	28	46.00	-0.4		N	16s		0.80um						1.0s		24.00nm			5.4mb
RVR		65.88	66	eP	28	47.00	-0.6		E	15s		0.60um				FRF		85.74	336	eP	30	40.30	0.4
QUE		66.52	290	iP	28	51.00	-1.0	GRF		78.86	336	eP	30	04.70	0.5	CDR		85.88	337	ePc	30	39.80	-0.8
PLM		66.62	66	eP	29	05.00	12.4X			0.9s		84.00nm			5.7mb					i	30	40.80	
TPC		66.64	65	eP	28	52.00	-0.5		Z	19s		0.90um			5.1Msz	LRG		85.92	337	eP	30	41.70	0.9
RSSD		66.96	50	eP	28	53.80	-0.9	WET		78.87	335	iPc	30	04.40	0.1			1.1s		58.60nm			5.7mb
		1.1s		25.00nm			5.2mb			0.9s		45.00nm			5.5mb	LFF		85.95	341	eP	30	41.00	0.1
HYB		67.18	272	ePc	28	55.20	-0.9	BHO		78.88	52	eP	30	04.50	0.0			0.9s		15.70nm			5.2mb
				e	29	18.00		JCT		79.01	57	iP	30	05.80	0.5	LMR		85.99	336	eP	30	41.80	0.7
BAR		67.18	66	eP	28	56.00	0.0			1.1s		24.05nm			5.1mb			1.2s		53.50nm			5.6mb
RSON		67.25	3.	eP	28	55.10	-1.0		Z	20s		0.53um			4.9Msz	CVF		86.02	335	eP	30	42.10	0.8
		1.0s		20.00nm			5.2mb	SOP		79.03	332	iPc	30	05.60	0.6			0.8s		15.70nm			5.3mb
AKU		68.11	356	iPd	29	03.80	2.6			1.0s		63.80nm			5.6mb	LPO		86.08	341	eP	30	41.70	0.1
		0.9s		60.50nm			5.7mb	CLO		79.07	327	ePd	30	04.50	-0.8			0.9s		14.40nm			5.2mb
UPP		68.15	338	iP	29	00.40	-1.1	ENN		79.26	340	eP	30	06.50	0.2	MLS		87.74	340	iPc	30	49.40	-0.3
		1.0s		100.00nm			5.9mb			1.0s		73.00nm			5.6mb					i	30	53.40	
WRA		68.18	199	eP	29	01.60	-0.6	MEM		79.39	340	P	30	07.00	0.1	EPF		87.84	341	eP	30	50.50	0.3
NAO		68.95	341	P	29	03.60	-2.9					e	52	27.20				1.0s		8.00nm			5.0mb
		0.8s		35.10nm			5.5mb	JMB		79.73	323	iP	30	09.00	0.0	TOL		91.81	343	eP	31	08.50	-0.3
HYA		69.60	344	iP	29	10.30	-0.1	HRT		79.75	320	eP	30	09.00	-0.1	MTD		123.81	281	iPKPd	37	01.00	1.6
POO		69.66	276	iPc	29	11.50	0.0	ETA		79.80	348	eP	30	08.90	-0.2	KIC		124.02	333	ePKP	36	59.20	-0.7
SUE		69.97	344	eP	29	13.40	0.7			1.2s		52.00nm			5.4mb					e	37	11.10	
ASK		70.42	344	iP	29	15.90	0.5	SNF		79.89	341	P	30	10.50	0.9	KRI		125.17	283	ePKP	37	03.00	0.9
GBA		70.59	269	P	29	16.60	-0.5	BEO		80.16	328	eP	30	07.40	-3.7X	BUL		128.16	281	ePKP	37	07.90	0.1
ODD		70.62	343	eP	29	17.00	0.2	DOU		80.20	340	P	30	11.90	0.6	ZOBO		134.37	63	PKP	37	20.60	0.4
LHC		71.00	39	eP	29	18.50	-0.7	ECB		80.21	348	eP	30	11.00	-0.3		Z	20s		0.41um			5.1Msz
KMY		71.59	343	iP	29	23.30	0.8	FUR		80.22	335	eP	30	11.70	0.2					LR	23	50.00	
ASPA		71.88	199	eP	29	24.00	-0.7			1.0s		53.00nm			5.5mb	LPB		134.58	63	ePKP	37	22.00	1.6
		0.9s		70.00nm			5.7mb	WLF		80.23	339	P	30	12.50	1.1	CNCB		134.87	63	iPKP	37	22.10	0.9
				e	29	38.00		DIM		80.50	323	iPd	30	14.00	1.0	SPA		136.15	180	e(PKP)	37	34.90	13.3X
ALQ		71.91	58	eP	29	24.80	-0.3	KBA		80.58	334	iPc	30	14.10	0.5	CCH		136.43	62	ePKP	37	25.00	1.2
		1.0s		9.50nm			4.8mb			0.8s		88.10nm			5.8mb	TPZ		139.76	65	PKP	37	32.00	2.1X
KOD		72.93	267	eP	29	31.00	-0.5					i	30	15.90		SOB1		141.04	23	e(PKP)	37	12.00	-20.0X

09d 15h

SOB1 141.04 23 ePKP 37 41.40 9.4X
MDZ 145.23 82 ePKP 37 40.20 1.4
VAO 151.50 42 ePKP 37 38.50 -10.4X
e 37 55.70
S.D. = 0.9 on 177 of 190 obs.

• SEP 09, 1985 18h 18m 50.35± 1.85s
3.170 N ±19.2km 127.793 E ±29.4km
DEPTH = 94.6 ± 21.6 km
4.7mb (2 obs.)
TALAUD ISLANDS (263)

CGP 6.09 330 eP 20 19.50 0.0
WRA 23.85 165 iPd 23 55.60 -0.5
MEK 30.93 196 eP 25 00.70 0.3
KMI 32.52 314 eP 25 15.00 0.3
YOU 41.99 154 eP 26 33.50 -0.3
WAM 43.84 155 eP 26 49.40 0.7
PKI 47.16 305 eP 27 15.40 -0.3
KKN 47.35 326 eP 27 17.10 0.0
0.5s 7.00nm 4.8mb
DMN 47.42 305 eP 27 17.50 -0.2
0.7s 8.00nm 4.7mb
S.D. = 0.3 on 9 of 9 obs.

• SEP 09, 1985 18h 21m 26.03± 2.12s
29.071 N ±17.2km 129.858 E ±11.1km
DEPTH = 73.3 ± 17.9 km
4.9mb (5 obs.)
RYUKYU ISLANDS (238)

SHK 5.95 23 eP 22 52.30 -1.2
SSE 7.78 287 eP 23 19.00 0.3
NJ2 9.94 290 Pc 23 50.90 2.6
MAT 10.24 41 eP 23 52.00 -0.4
eS 24 20.00
CN2 15.12 348 Pc 25 05.00 8.3X
BJI 15.69 318 eP 25 08.00 4.1X
TIY 16.89 305 eP 25 24.50 5.4X
XAN 18.51 291 iPc 25 38.40 -0.6
CHG 29.96 257 eP 27 28.00 -1.7
CHTO 29.96 257 eP 27 27.50 -2.1
1.1s 7.36nm 4.3mb
PKI 38.99 279 eP 28 46.70 -0.6
0.7s 22.00nm 5.2mb
KKN 39.05 279 eP 28 47.40 -0.3
0.9s 33.00nm 5.3mb
DMN 39.24 279 eP 28 49.00 -0.3
0.8s 21.00nm 5.1mb
WRA 48.92 174 eP 30 08.30 1.7
INK 65.72 24 eP 32 05.00 0.4
KEV 67.33 338 eP 32 16.00 1.2
SOD 68.40 336 eP 32 18.00 -3.5X
KJF 69.26 333 eP 32 21.00 -5.8X
SUF 70.52 332 eP 32 36.00 1.5
NUR 72.15 330 eP 32 45.00 0.7
Z 19s 0.20um 4.4Msz
NAO 77.69 334 P 33 14.80 -1.1
0.7s 2.60nm 4.3mb
S.D. = 1.4 on 16 of 21 obs.

• SEP 09, 1985 18h 53m 03.04± 0.45s
9.783 S ± 8.6km 114.102 E ±10.3km
DEPTH = 33.0km (normal)
5.2mb (7 obs.)
SOUTH OF BALI ISLAND (284)

DNP 1.55 45 iPd 53 30.00 1.4
TRT 2.52 325 iPc 53 47.10 4.5X
iS 54 10.50
MBL 12.58 155 eP 55 56.00 -6.6X
0.3s 8.00nm 5.3mb
eS 58 04.00
NAU 12.76 174 eP 56 00.00 -4.9X
0.5s 60.00nm 5.9mb
eS 58 12.00
KNA 15.48 114 eP 56 38.00 -2.7
0.8s 27.00nm 4.5mb
KGM 15.90 317 eP 57 05.50 19.4X
PPI 16.49 303 e(P) 56 51.50 -2.0
MEK 17.26 166 eP 57 01.00 -2.3
eS 59 58.00
IPM 19.32 317 ePc 57 28.00 -0.6
MRWA 19.42 175 eP 57 27.00 -2.6
eS 00 48.00
PSI 19.55 309 eP 57 40.00 8.9X
TSI 20.34 310 e(P) 57 45.00 5.6X

BAL 20.86 174 eP 57 50.00 5.3X
eS 01 24.00
KLB 21.97 172 eP 57 58.00 2.1
eS 01 54.00
WRA 21.99 120 iPc 57 55.30 -0.9
ASPA 23.41 129 eP 58 28.00 17.8X
0.6s 127.00nm
e 58 56.00
e 59 37.00
eS 02 25.00
CHG 32.11 332 eP 59 31.00 1.3
CTA 32.65 112 iPc 59 34.80 0.4
0.6s 10.00nm 4.9mb
KMI 36.42 342 eP 00 09.00 2.1
YOU 39.73 133 iPd 00 35.30 0.9
BRS 40.41 121 P 00 41.20 1.2
CAN 40.69 134 eP 00 43.40 1.2
WAM 41.05 135 eP 00 46.90 1.8
SHL 41.26 329 eP 00 47.00 -0.2
CD2 41.66 347 P 00 50.20 0.0
GBA 43.17 302 P 01 04.00 1.3
XAN 43.86 354 eP 01 06.80 -1.2
HYB 44.32 307 eP 01 14.30 2.2
PKI 46.38 324 eP 01 28.40 -0.3
0.4s 7.00nm 5.0mb
DMN 46.59 324 eP 01 30.20 0.0
0.7s 52.00nm 5.6mb
KKN 46.62 324 eP 01 30.30 -0.2
0.7s 24.00nm 5.3mb
LZH 46.64 349 eP 01 30.50 0.2
BJI 49.61 2 eP 01 52.00 -1.1
GTA 50.71 346 P 02 01.70 -0.1
NDI 52.26 318 eP 02 12.50 -1.1
MDJ 55.93 13 eP 02 38.50 -1.7
WMQ 58.50 338 P 02 58.00 -0.5
QUE 60.27 313 eP 03 09.00 -2.1
SPA 80.28 180 e(P) 05 13.00 1.0
BUL 82.49 251 eP 05 27.00 2.5
SOB1 148.77 234 ePKP 12 51.20 5.4X
S.D. = 1.5 on 32 of 41 obs.

& SEP 09, 1985 20h 36m 59.60s
61.705 N 151.103 W
DEPTH = 73.8km
SOUTHERN ALASKA (2)
<AGS-P>.

SUA 0.30 144 iP 37 11.44 -0.1
iS 37 20.60
SKT 0.34 324 iP 37 11.05 -0.6
iS 37 20.50
CGLM 0.59 228 iP 37 13.37 -0.5
CRP 0.67 229 iP 37 14.28 -0.6
SPU 0.70 221 iP 37 14.34 -0.7
iS 37 26.14
PMS 0.87 121 iP 37 16.44 -0.6
PMR 0.95 96 iP 37 17.18 -0.7
PME 0.99 94 eP 37 17.91 -0.5
iS 37 32.39
GHO 1.04 85 iP 37 18.67 -0.5
SLKM 1.28 160 iP 37 21.57 -0.6
iS 37 38.46
RDT 1.30 210 iP 37 21.73 -0.8
iS 37 39.58
KNK 1.30 102 iP 37 21.70 -0.8
iS 37 39.04
PTE 1.31 129 iP 37 21.61 -0.9
iS 37 38.73
SML 1.32 84 iP 37 21.92 -0.8
iS 37 39.46
MPA 1.48 144 eP 37 24.30 -0.6
PWL 1.58 121 iP 37 24.85 -1.4
iS 37 44.91
NNL 1.67 183 eP 37 28.99 1.6
CFI 1.69 107 iP 37 26.29 -1.3
iS 37 47.62
ILM 1.74 209 eP 37 27.95 -0.4
SCM 1.80 84 eP 37 28.71 -0.5
GLI 2.10 111 eP 37 31.29 -2.1
iS 37 57.10
KNIM 2.13 128 iP 37 30.53 -3.2
CNPM 2.19 182 eP 37 35.34 0.8
SVW 2.25 257 iP 37 34.40 -1.1
VZW 2.28 104 eP 37 34.24 -1.6
VLZ 2.36 102 eP 37 34.71 -2.2
TOA 2.37 78 eP 37 36.80 -0.2
FID 2.43 111 iP 37 35.51 -2.4

KLU 2.49 93 eP 37 36.81 -1.9
iS 38 06.1
29 obs. associated

SEP 09, 1985 20h 58m 23.35± 0.44s
28.317 N ± 7.1km 140.470 E ± 7.1km
DEPTH = 33.0km (normal)
4.9mb (8 obs.)
BONIN ISLANDS REGION (212)

MAT 8.42 347 eP 00 27.00 1.0
1.8s 131.82nm 5.8mb
eS 02 13.00
GUMO 15.22 184 eP 01 58.10 0.6
PJG 15.22 164 eP 01 58.30 0.8
GUA 15.28 163 eP 01 58.30 0.0
eS 05 02.00
SSE 16.98 284 P 02 20.00 0.1
8.0s 2.70nm 2.4mb X
Z 16s 1.10um
N 10s 1.40um
S 05 48.00
sS 05 58.00
ANP 17.21 264 eP 02 25.00 2.0
MDJ 18.44 335 eP 02 34.00 -3.9X
S 05 50.00
NJ2 19.05 287 Pd 02 45.50 0.1
sP 03 21.00
SNY 19.26 319 Pd 02 46.50 -1.4
CN2 19.60 326 Pd 02 49.00 -2.7
esP 03 23.00
QZH 19.84 265 Pc 02 56.00 1.7
TIA 21.22 298 eP 03 07.70 -0.8
BAG 21.84 241 eP 03 13.00 -2.1
eS 07 20.00
WHN 22.84 282 eP 03 25.00 0.3
sP 04 03.00
BJI 23.18 307 eP 03 27.50 -0.4
epP 04 10.00
eS 07 44.00
esS 09 04.00
HKC 24.49 262 eP 03 42.00 1.2
eS 08 10.00
GZH 24.96 264 Pd 03 48.00 2.7
TIY 25.23 299 eP 03 47.50 -0.3
DAV 25.38 217 eP 03 48.00 -1.3
eS 08 32.00
HHC 26.75 305 Pd 04 03.00 1.0
XAN 27.52 290 eP 04 06.60 -2.4
pP 04 35.00 134kmX
sP 04 50.00
eS 08 47.00
BTO 27.80 304 eP 04 11.40 -0.1
QIZ 29.46 258 Pc 04 30.00 3.5X
PcP 07 31.00
S 09 18.00
sS 10 07.50
GYA 30.02 274 Pc 04 34.00 2.4
PP 05 38.00
LZH 31.80 294 eP 04 46.50 -0.8
E 12s 1.00um
PP 05 54.50
S 10 10.00
CD2 31.93 284 eP 04 47.80 -0.5
KMI 33.76 274 Pc+ 05 06.50 2.0
8.0s 0.90nm 2.7mb X
E 15s 1.20um
PP 06 25.00
S 10 28.00
GTA 35.26 299 eP 05 16.00 -1.1
PP 06 32.50
CHG 39.06 265 eP 05 49.00 -0.1
LSA 42.89 284 Pc 06 23.00 1.9
PP 08 06.00
eS 12 42.50
WMQ 44.63 305 Pd 06 33.50 -1.0
PP 08 20.00
PKI 48.28 283 eP 07 05.50 1.6
1.0s 14.00nm 4.9mb
KKN 48.34 283 eP 07 02.40 -1.7
0.9s 18.00nm 5.1mb
WRA 48.34 188 iPc 07 02.00 -1.9
DMN 48.53 283 eP 07 04.50 -1.2
0.8s 15.00nm 5.1mb
ASPA 52.07 188 eP 07 30.00 -2.3
1.1s 14.00nm 4.8mb
KSH 53.66 300 P 07 46.00 1.9

			ePP	09	54.00	
NDI	54.97	287	eP	07	52.50	-1.3
COL	57.00	29	eP	08	09.00	1.1
	0.8s	8.21nm				4.8mb
GBA	60.07	270	Pc	08	28.30	-1.6
	0.9s	5.30nm				4.7mb
INK	62.56	25	eP	08	46.00	0.1
NEW	77.03	42	eP	10	16.00	1.3
SES	79.42	38	eP	10	26.00	-1.7
LRM	81.01	47	eP	10	35.80	-0.8
EUR	82.02	49	eP	10	42.00	0.1
EUR	82.02	49	eP	10	42.00	0.1
BDW	84.39	44	eP	10	55.70	1.7
	1.0s	3.80nm				4.5mb
JER	87.17	305	eP	11	08.00	0.3
ZOBO	151.03	72	PKP	18	10.60	0.8
LPB	151.18	72	ePKP	18	01.00	-8.8X
			i	18	16.00	
CNCB	151.41	72	ePKP	18	11.00	0.7
			e	18	16.00	
CCH	153.23	72	(PKP)	18	31.00	18.4X
TPZ	155.32	80	ePKP	18	19.00	3.6X
	S.D. = 1.4		on 48 of 53 obs.			

SEP 09, 1985 22h 06m 31.02± 0.62s
41.848 N ± 5.4km 88.014 W ± 6.7km
DEPTH = 5.0km (geophysicist)
ILLINOIS (467)

mbLg 3.0 (NEIS). Felt (V) at Clarendon Hills, Edgebrook, Hinsdale and La Grange. Felt (IV) at Brookfield and Western Springs. Felt (III) at Countryside, Lindenwood and Villa Park.

CHI	0.29	79	P	06	37.00	0.1
UWM	1.24	5	eP	06	54.60	0.2
ACM	1.79	63	P	07	02.50	-0.3
IN1	2.06	128	P	07	06.50	-0.2
IN2	2.12	154	P	07	08.00	0.4
FVM	4.28	206	eP	07	38.20	-0.1
ELC	4.65	192	eP	07	43.80	0.2
CRU	5.30	189	P	07	59.00	6.2X
GRT	5.68	192	e(P)	07	58.80	-0.2
POW	6.20	204	eP	08	05.30	-0.1
RSON	9.83	338	eP	08	53.30	-2.7X
	S.D. = 0.3		on 9 of 11 obs.			

% SEP 09, 1985 22h 23m 26.44± 0.71s
29.267 N ± 7.8km 115.866 E ± 7.6km
DEPTH = 33.0km (normal)
EASTERN CHINA (664)

WHN	1.83	314	Pnc	23	55.80	-0.3
			Pg	23	56.20	
			Sg	24	18.50	
NJ2	3.79	42	Pgc	24	33.40	9.6X
QZH	4.94	150	ePn	24	39.80	-0.5
			Sn	25	36.30	
SSE	4.95	67	Pg	24	41.00	0.5
			Sg	26	02.10	
GZH	6.56	201	Pgc	25	33.20	30.1X
TIA	7.01	8	ePn	25	09.70	0.3
XAN	7.59	311	ePn	25	18.00	0.4
GYA	8.61	253	eP	25	32.40	0.5
TIY	8.90	342	eP	25	34.80	-1.0
	S.D. = 0.7		on 7 of 9 obs.			

& SEP 09, 1985 22h 53m 48.91s
61.736 N 150.953 W
DEPTH = 77.5km
4.3mb (8 obs.)
SOUTHERN ALASKA (2)

<AGS-P>. Felt (III) at Anchorage, Palmer and Willow.

SUA	0.29	160	iP	54	00.42	-0.8
SKT	0.37	312	iP	54	00.74	-0.8
			iS	54	09.92	
PWA	0.52	99	eP	54	02.20	-0.5
CGLM	0.66	230	iP	54	01.85	-2.5
			iS	54	16.48	
CRP	0.74	231	iP	54	04.59	-0.7
SPU	0.77	224	iP	54	04.50	-0.9
PMS	0.83	126	eP	54	05.10	-1.0
PMR	0.88	99	iP	54	05.87	-0.7
PME	0.92	96	eP	54	06.60	-0.5
GHO	0.97	87	iP	54	07.55	-0.2
NKA	1.01	188	iP	54	09.06	1.0
KNK	1.24	104	iP	54	10.78	-0.3
SML	1.25	86	iP	54	10.94	-0.3
PTE	1.28	132	iP	54	10.69	-0.9
SLKM	1.28	164	iP	54	10.73	-1.0
RDT	1.36	212	iP	54	11.98	-0.8
			iS	54	29.14	
MPA	1.47	148	eP	54	13.24	-0.9
PWL	1.54	124	iP	54	13.85	-1.2
CFI	1.63	109	iP	54	15.26	-0.9
NNL	1.71	186	iP	54	17.80	0.5
SCM	1.73	85	iP	54	17.36	-0.3
SEW	1.80	155	eP	54	17.70	-0.8
			iS	54	39.01	
ILM	1.80	211	iP	54	18.41	-0.2
BRLK	1.98	179	iP	54	19.99	-1.1
GLI	2.05	113	iP	54	20.43	-1.6
			iS	54	45.16	
KNIM	2.09	130	iP	54	20.27	-2.3
CNPM	2.22	184	iP	54	20.34	-1.0
VZW	2.22	106	iP	54	22.87	-1.5
TOA	2.29	79	eP	54	25.60	0.2
VLZ	2.30	103	eP	54	23.77	-1.6
SVW	2.33	256	eP	54	24.80	-1.1
FID	2.38	113	iP	54	24.01	-2.5
MTU	2.38	136	iP	54	24.90	-1.7
KLU	2.42	94	iP	54	25.83	-1.3
PDB	2.52	221	iP	54	27.39	-1.0
HIN	2.55	120	eP	54	26.77	-2.1
TTA	2.65	299	eP	54	30.00	-0.3
MID	3.25	133	eP	54	37.00	-1.5
COL	3.48	23	eP	54	41.00	-0.8
			i	54	42.70	
			eS	55	08.00	
FBA	3.48	23	eP	54	41.70	-0.1
KDC	4.08	192	eP	54	48.10	-2.0
IMA	4.51	346	eP	54	56.50	0.1
BCPM	5.82	103	P	55	13.20	-1.2
SDN	8.12	222	eP	55	44.20	-1.9
INK	9.85	41	eP	56	11.00	1.2
PNT	21.40	111	eP	58	33.00	1.4
	0.7s	6.00nm				4.1mb
EDM	21.65	96	iPc	58	34.60	0.6
NEW	23.29	110	P	58	51.00	0.8
SES	24.58	99	eP	59	05.00	2.5
ALE	29.15	16	eP	59	43.50	-0.5
	0.8s	7.00nm				4.4mb
EUR	30.82	120	eP	00	00.00	0.6
	0.9s	4.97nm				4.2mb
BDW	30.90	109	eP	00	00.30	0.2
LTX	44.72	114	iP	01	57.00	1.2
	0.5s	2.49nm				4.3mb
JCT	45.44	109	iP	02	02.00	0.5
	0.8s	11.19nm				4.8mb
NAO	56.97	11	P	03	24.60	-3.3
	0.7s	1.50nm				4.2mb
BNS	66.30	15	iPd	04	47.20	16.7
	1.1s	85.00nm				
BGG	67.07	15	iPd	04	48.60	13.3
FLN	67.34	21	eP	04	36.10	-1.0
LDF	67.56	20	eP	04	37.70	-0.8
GRR	67.63	21	eP	04	38.50	-0.4
LPF	67.95	21	eP	04	40.50	-0.4
LOR	69.48	18	eP	04	49.80	-0.5
	0.8s	2.60nm				4.2mb
SSF	69.62	18	eP	04	50.80	-0.4
	1.0s	6.80nm				4.5mb
LBF	69.77	18	eP	04	51.30	-0.9
AVF	69.87	18	eP	04	51.90	-0.8
SMF	70.08	18	eP	04	53.00	-1.0
SPA	151.57	180	e(PKP)	13	34.00	6.6
	67 obs. associated					

& SEP 09, 1985 23h 07m 14.80s
36.938 N 121.430 W
DEPTH = 3.0km
CENTRAL CALIFORNIA (39)

<BRK>. ML 3.2 (BRK).

SAO	0.17	184	iPd	07	18.60	0.3
SLD	0.22	51	iP	07	19.50	0.3
ARN	0.42	349	iP	07	23.40	0.2
MHC	0.44	337	iPd	07	23.70	0.1
GCC	0.46	282	iPc	07	23.60	-0.5
LLA	0.51	129	iPc	07	24.50	-0.4
PRS	0.61	175	iPd	07	26.60	-0.3
PRI	1.01	142	ePc	07	34.10	-0.5
			i	07	35.10	
BKS	1.14	326	iPd	07	35.50	-1.2
			i(Sn)	07	53.10	
BRK	1.14	325	iPd	07	36.30	-0.5
ZSP	1.20	327	ePd	07	36.50	-1.3
JAS1	1.27	39	iPd	07	37.90	-1.2
			iS	07	54.90	
PHAM	1.38	143	eP	07	40.70	-0.2
FRI	1.38	87	iPc	07	39.20	-1.7
ORV	2.61	359	eP	07	58.30	-0.4
MIN	3.40	358	eP	08	13.00	3.0
	16 obs. associated					

SEP 09, 1985 23h 14m 08.99± 0.82s
14.126 N ± 9.8km 120.834 E ±13.8km
DEPTH = 243.6 ± 10.1 km
4.6mb (5 obs.)
LUZON, PHILIPPINE ISLANDS (249)

SZP	3.43	354	iPd	14	58.00	-0.2
CVP	3.68	15	ePc	15	06.00	4.8X
	1.0s	140.00nm				
PIP	4.18	357	iPc	15	01.00	-6.1X
PPR	4.79	206	iPc	15	14.00	-0.5
	1.0s	83.00nm				
CGP	6.79	146	iPd	15	40.50	0.9
	1.5s	156.00nm				4.8mb
CHG	21.58	285	eP	18	32.50	1.1
SHL	29.44	297	iP	19	43.40	-1.2
PKI	35.57	298	eP	20	37.20	-0.2
	0.5s	14.00nm				4.8mb
KKN	35.73	298	eP	20	38.40	-0.3
	0.5s	11.00nm				4.7mb
DMN	35.84	298	eP	20	39.60	0.0
	0.5s	8.00nm				4.5mb
WRA	36.37	158	eP	20	42.80	-1.0
GBA	42.09	275	P	21	32.00	1.0
SUF	79.70	332	eP	25	44.00	1.3
NAO	87.28	333	P	26	19.70	-0.9
	0.6s	1.48nm				4.0mb
	S.D. = 1.0		on 12 of 14 obs.			

SEP 10, 1985 00h 38m 36.58± 0.42s
47.062 N ± 4.5km 18.121 E ± 3.8km
DEPTH = 10.0km (geophysicist)
HUNGARY (549)

ML 3.8 (KBA), 3.7 (VKA). Minor damage in the Berhida-Peremarton area.

BUD	0.75	55	iPgd	38	50.40	-0.8
	0.8s	268.50nm				
SRO	0.76	10	iPg	38	51.70	0.2
			iSg	39	02.40	
			e	57	58.00	
SOP	1.23	301	e(Pn)	39	01.00	1.5
ZST	1.33	329	e(Pn)	39	00.50	-0.6
			i	39	01.70	
			i(Sn)	39	18.70	
PSZ	1.48	54	iPn	39	03.40	0.1
VKA	1.71	315	iPnd	39	06.50	-0.1
			iPg	39	08.50	
			i	39	09.70	
			iSn	39	30.50	
			i	39	32.20	
			iSg	39	34.60	
			i	39	37.10	
ZAG	1.93	231	iPnc	39	08.80	-1.0
			iPb	39	13.40	
			iPg	39	16.60	
			iSn	39	44.80	
			i	39	48.40	
SPC	2.56	33	ePn	39	25.10	6.1X
LJU	2.68	249	ePn	39	21.20	0.7
			iSg	40	06.40	
CEY	2.88	244	e(Pn)	39	24.30	0.9
	1.1s	150.00nm				
			iPg	39	32.70	
			i(Sn)	40	00.50	
			iSg	40	14.00	
KMR	2.88	292	ePn	39	31.00	7.7X
			i	40	01.30	
VOY	3.09	252	ePn	39	25.30	-1.1
			iPg	39	35.80	
			i	39	37.40	

10d 00h

		ISn	40	02.80		
		ISg	40	19.30		
KRA	3.23	21 ePn	39	36.30	8.0X	
	0.9s	70.00nm				
		e	39	39.30		
		e	39	45.50		
KBA	3.26	272 IP	39	29.30	0.3	
		IPg	39	40.00		
		i	39	46.50		
		ISn	40	09.40		
		ISg	40	30.40		
TRI	3.31	247 eP	39	34.90	5.5X	
		i	40	16.50		
KHC	3.68	306 Pn	39	34.00	-0.8	
		e	40	13.00		
		Sg	40	32.20		
PRU	3.77	322 Pn	39	35.40	-0.6	
		e	39	44.00		
		eSn	40	20.50		
		e	40	33.00		
		eSg	40	41.50		
CLO	3.82	120 IPc	39	36.30	-0.4	
KSP	3.97	343 eP	39	38.00	-0.8	
WET	4.08	303 ePn	39	41.90	1.5	
BRG	4.70	326 ePn	39	49.00	-0.2	
		e	40	04.00		
		e	40	56.00		
FUR	4.76	286 ePn	40	07.10	17.0X	
GRB1	4.91	301 ePn	39	53.00	0.8	
		eSg	41	13.00		
HOF	5.26	310 IPnc	39	56.90	-0.2	
CLL	5.42	324 ePn	39	59.00	-0.3	
		ePg	40	22.00		
		iSg	41	40.00		
MOX	5.59	312 ePn	40	02.00	0.2	
		ISg	41	28.00		
SKO	5.61	154 ePn	40	01.00	-1.1	
MLR	5.65	103 eP	40	05.00	2.3	
VRI	6.06	98 eP	40	28.00	19.6X	
BUH	6.85	287 eP	40	19.00	-0.5	
WLF	8.39	292 Pn	40	43.90	3.0X	
DOU	9.47	294 Pn	40	55.70	-0.2	
S.D. = 0.9		on 25 of 32 obs.				

SEP 10, 1985 00h 38m 53.39± 0.46s
20.981 S ± 6.0km 178.907 W ± 4.2km
DEPTH = 492.5 ± 5.6 km
5.0mb (25 obs.)
FIJI ISLANDS REGION (181)

VUN	4.45	311 IPc	40	15.10	-0.8	
SGE	5.11	311 IPc	40	23.00	1.0	
MGO	5.12	308 IPd	40	22.40	0.4	
NDF	5.36	306 ePc	40	24.30	0.2	
YSA	5.97	315 IPc	40	29.50	-0.5	
NOU	14.51	262 IPc	42	00.30	1.0	
		IS	44	35.00		
KOU	16.57	268 IPc	42	24.10	4.2X	
KRP	17.79	197 P	42	34.00	2.3	
GNZ	17.93	190 P	42	35.00	1.9	
		S	45	44.00		
TCW	21.21	196 P	43	03.30	-1.0	
TBI	26.52	100 IP	43	52.10	-0.2	
AFR	26.85	88 IP	43	54.30	-1.0	
	0.8s	60.00nm		5.2mb		
PAE	27.01	88 IP	43	55.70	-1.0	
	0.8s	50.00nm		5.1mb		
PPT	27.04	88 IP	43	56.00	-0.9	
	0.8s	70.00nm		5.2mb		
COO	28.67	244 IPd	44	11.90	0.8	
	0.4s	30.00nm		5.2mb		
		e	46	31.00		
PMO	29.22	83 IP	44	14.80	-1.1	
	0.8s	55.00nm		5.1mb		
VAH	29.40	84 IP	44	16.10	-1.4	
	0.8s	25.00nm		4.8mb		
TPT	29.48	83 IP	44	17.10	-1.1	
	0.8s	85.00nm		5.3mb		
RUV	29.64	84 IP	44	18.20	-1.4	
	0.8s	90.00nm		5.3mb		
CAN	32.24	237 eP	44	42.30	0.6	
YOU	32.43	239 eP	44	43.90	0.6	
WAM	32.60	235 eP	44	46.00	1.3	
CTA	33.44	265 IPd	44	52.10	0.2	
	1.6s	418.33nm		5.7mb		
PMG	35.45	284 IPd	45	08.50	-0.3	
TOO	35.61	234 eP	45	10.00	0.0	
STK	37.58	245 IPd	45	26.70	0.6	
ISQ	39.58	263 eP	45	42.00	-0.6	
RKT	39.84	101 eP	45	37.00	-7.7X	
	1.0s	35.00nm		4.8mb		
ASPA	44.41	257 IPd	46	20.70	-0.4	
		eScP	51	02.00		
		eS	52	18.00		
		eScS	55	26.00		
WRA	44.53	263 IPd	46	21.00	-1.1	
		eS	52	23.70		
MTN	49.16	271 eP	46	56.00	-1.5	
KNA	50.60	267 IPd	47	07.40	-0.7	
	0.4s	102.00nm		5.6mb		
M8L	57.65	258 eP	47	57.00	-1.0	
MEK	57.82	251 eP	47	57.50	-1.7	
	0.5s	10.00nm		4.4mb		
KLB	57.84	245 eP	47	58.00	-1.2	
NWAO	58.15	244 eP	48	01.00	-0.3	
BAL	58.86	246 eP	48	05.00	-1.1	
MRWA	59.66	248 eP	48	10.60	-0.9	
	0.9s	42.00nm		4.9mb		
NAU	61.30	255 eP	48	22.10	-0.3	
	0.5s	41.00nm		5.2mb		
CGP	63.42	291 IPc	48	36.00	-0.1	
	1.0s	135.00nm		5.5mb		
SPA	69.15	180 IPc	49	12.00	0.9	
	0.9s	14.09nm		4.6mb		
MAT	70.59	324 eP	49	19.00	-0.8	
SYP	78.01	46 eP	50	02.00	0.3	
PRS	78.17	44 ePc	50	03.10	0.8	
GCC	78.19	43 ePc	50	02.90	0.5	
SAO	78.38	43 eP	50	04.00	0.6	
PRI	78.51	44 ePc	50	05.10	0.8	
BKS	78.56	42 eP	50	05.40	1.1	
	0.7s	31.00nm		4.9mb		
MHC	78.61	43 ePc	50	05.60	0.8	
ARN	78.68	43 eP	50	05.60	0.5	
PAS	79.02	47 eP	50	07.00	0.2	
MWC	79.14	47 eP	50	08.00	0.3	
PLM	79.47	48 IP+	50	10.00	0.5	
SBB	79.56	47 IP+	50	10.00	0.3	
FRI	79.63	44 eP	50	10.50	0.5	
ISA	79.67	46 eP	50	10.00	-0.3	
JAS1	79.73	43 IPc	50	11.00	0.5	
ORV	80.04	41 ePc	50	12.40	0.3	
WDC	80.05	40 IPc	50	12.70	0.6	
CLC	80.35	46 eP	50	14.00	0.2	
TPC	80.45	48 eP	50	15.00	0.6	
MIN	80.46	40 eP	50	14.50	0.1	
GSC	80.59	47 eP	50	15.00	-0.1	
GLA	80.74	49 eP	50	18.00	2.1	
MNA	81.47	43 eP	50	20.20	0.5	
BMN	83.21	42 IP	50	29.00	0.6	
IPM	83.22	278 ePd	50	27.00	-1.8	
EUR	83.47	43 IP	50	30.00	0.2	
	0.2s	16.75nm		5.3mb		
PNT	87.06	34 IP	50	47.00	0.3	
	0.6s	8.00nm		4.6mb		
LTX	87.32	57 eP	50	49.50	1.0	
	0.9s	7.86nm		4.5mb		
ALQ	87.71	51 eP	50	50.30	-0.1	
	1.0s	9.00nm		4.5mb		
		e	52	39.30		
COL	88.71	12 eP	50	53.00	-1.1	
	0.8s	10.07nm		4.7mb		
LRM	89.08	40 eP	50	56.70	0.2	
BDW	89.31	43 eP	50	57.60	0.0	
	0.9s	8.38nm		4.6mb		
CHG	90.40	290 IPd	51	05.00	2.2	
	0.7s	11.99nm		4.9mb		
JCT	90.84	58 eP	51	03.50	-1.2	
	0.8s	4.10nm		4.4mb		
SOB1	128.27	121 ePKP	57	04.20	-1.3	
KJF	133.51	345 ePKP	57	04.00	-9.9X	
	0.7s	14.70nm				
		i	57	14.00		
		eSKP	59	57.00		
SUF	135.14	344 ePKP	57	17.00	0.0	
	0.7s	3.20nm				
NUR	137.40	344 ePKP	57	19.00	-2.4X	
NAO	139.71	353 PKP	57	15.80	-9.8X	
	0.7s	2.10nm				
MUD	144.17	353 IPKP	57	32.80	-0.6	
	0.5s	12.00nm				
EKA	145.48	5 PKP	57	36.00	0.3	
	1.0s	8.40nm				
KRA	147.69	338 ePKP	57	43.80	4.4X	
HRI	147.71	299 IPKP	57	44.00	3.9X	
VRI	147.96	327 ePKP	57	44.00	4.0X	
JER	148.49	297 IPKPc	57	46.50	5.2X	
CLL	148.53	347 IPKP	57	45.20	4.6X	
	0.9s	30.00nm				
		i	57	50.70		
		e	59	44.00		
MLR	148.62	327 IPKPc	57	45.50	4.3X	
BRG	148.72	345 IPKPc	57	46.70	5.7X	
	0.8s	20.00nm				
		i	57	51.30		
WTS	148.82	354 ePKP	57	45.50	4.5X	
	0.8s	17.00nm				
		e	57	52.00		
PRN1	148.92	294 IPKP	57	47.20	5.2X	
PRU	149.39	344 PKP	57	47.00	5.0X	
		e	57	54.00		
MOX	149.44	348 ePKP	57	48.50	6.4X	
ENN	150.11	355 ePKP	57	48.50	5.5X	
	1.0s	17.00nm				
		e	57	57.50		
MEM	150.26	355 PKP	57	50.00	6.7X	
KHC	150.43	344 PKP	57	49.80	6.1X	
		e	57	59.50		
		e	59	45.00		
CLO	150.48	329 ePKP	57	49.00	5.2X	
DOU	150.87	357 PKP	57	51.60	7.4X	
WLF	151.19	354 PKP	57	52.00	7.3X	
FUR	151.87	347 ePKP	57	54.40	8.6X	
HAU	152.81	354 ePKP	58	08.20	21.1X	
S.D. = 0.9		on 78 of 102 obs.				

• SEP 10, 1985 00h 51m 00.16± 1.73s
13.239 S ±12.2km 164.881 E ±20.2km
DEPTH = 33.0km (nurmal)
4.0mb (1 obs.)
VANUATU ISLANDS REGION (185)

SVO	6.42	309 eP	52	35.00	0.1	
		eS	53	45.00		
VSG	6.43	307 eP	52	35.00	-0.1	
		eS	53	58.00		
KOU	7.30	184 IPc	52	47.10	-0.2	
		IS	54	15.90		
NOU	9.14	171 IPc	53	13.00	0.1	
CTA	19.09	247 IPc	55	23.20	0.2	
	1.0s	9.50nm		4.0mb		
CTAO	19.09	247 e(P)	55	22.80	-0.2	
S.D. = 0.2		on 6 of 6 obs.				

SEP 10, 1985 01h 26m 04.42± 0.16s
60.394 N ± 3.7km 168.809 E ± 2.3km
DEPTH = 16.6km (12 depth phases)
5.7mb (84 obs.) 4.4Msz (1 obs.)
EASTERN SIBERIA (671)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 25C
Centroid Location:
Origin Time 01:26: 6.8 0.8
Lat 60.34N 0.07 Lon 169.57E 0.24
Dep 10.0 BDY Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr= 5.50 0.33 Mtt=-2.69 0.43
Mff=-2.81 0.46 Mrt= 1.48 1.64
Mrf=-3.72 1.95 Mtf=-4.63 0.52
Principal Axes:
T Val= 7.91 Plg=58 Azm= 54
N -0.31 31 217
P -7.60 8 312
Best Double Couple:Mo=7.8*10**23
NP1:Strike= 72 Dip=46 Slip= 136
NP2: 196 60 53

SMY	8.22	157 eP	28	02.90	-2.7	
ADK	11.73	130 eP	28	48.80	-5.0X	
TTA	16.76	66 eP	30	00.30	0.6	
SDN	16.99	94 eP	30	04.70	2.2	
BRW	17.50	37 eP	30	11.20	2.4	
IMA	17.60	55 eP	30	11.10	0.8	
KDC	19.87	81 eP	30	33.00	-4.2X	
COL	20.12	58 IP	30	39.20	-0.6	
	0.9s	128.99nm		5.3mb		
		eS	34	26.00		
F8A	20.12	58 eP	30	39.10	-0.7	
	1.0s	102.50nm		5.1mb		
PMR	20.18	68 P	30	41.00	0.6	

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PME     20.22  68 eP     30 38.40  -2.4
        1.0s    22.50nm          4.5mb X
TOA     21.39  66 iPc    30 52.80  -0.2
INK     25.24  47 iPc    31 30.70   0.3
        1.0s   477.00nm          6.1mb
                  pP     31 40.00  33kmX
MBC     28.38  29 eP     31 58.00  -1.1
        0.8s    28.00nm          5.1mb
MAT     30.82 233 iPc    32 22.10   0.8
        1.2s   117.19nm          5.6mb
     Z  20s     0.89um           4.4Msz
                  eS     37 25.00
YKA     34.69  53 eP     32 59.80   5.1X
YKC     34.75  52 eP     32 54.00  -1.2
        1.3s    56.00nm          5.3mb
ALE     34.96  10 eP     32 56.50  -0.3
        0.9s    52.00nm          5.4mb
BJI     38.04 262 eP     33 23.50   0.3
                  eS     39 19.00
PGC     39.25  76 eP     33 34.00   0.8
PNT     40.62  72 eP     33 45.00   0.4
        1.0s    46.00nm          5.1mb
EDM     40.85  64 iPc    33 47.20   0.8
                  pP     33 52.00  16km
NEW     42.54  72 eP     34 00.50   0.2
                  pP     34 05.30  16km
DAG     43.00   3 iPd    34 02.70  -1.0
        0.5s    42.96nm          5.4mb
                  i      35 52.00 640kmX
SES     43.84  66 ePc    34 11.00   0.1
        1.3s   189.00nm          5.7mb
FHC     44.68  84 eP     34 19.00   1.2
FFC     44.68  56 iPc    34 17.10  -0.5
        1.3s    76.00nm          5.4mb
WDC     45.56  83 iPc    34 25.20   0.4
MIN     46.20  83 ePc    34 30.20   0.2
LRM     46.51  71 eP     34 32.20  -0.3
ORV     46.86  84 eP     34 34.40  -0.6
KEV     47.32 343 iP     34 37.80  -0.4
        0.6s    14.30nm          5.2mb
                  i      35 13.20 157kmX
                  ePP    36 40.00
                  eS     41 48.00
                  eSS    45 08.00
BMN     48.29  79 iP     34 46.90   0.5
                  pP     34 51.40  15km
MHC     48.51  86 ePc    34 48.50   0.4
ARN     48.55  85 eP     34 48.50   0.1
JAS1    48.65  84 iPc    34 49.60   0.5
                  pP     34 54.20  15km
FRB     48.83  30 eP     34 49.00  -1.0
        1.2s    88.00nm          5.7mb
SAO     49.06  86 ePc    34 52.20   0.0
MNA     49.37  82 ePc    34 55.30   0.5
LLA     49.42  86 ePc    34 55.80   0.8
PRS     49.43  86 ePc    34 55.60   0.5
SOD     49.56 342 iP     34 55.70   0.1
EUR     49.63  79 iP     34 57.50   0.6
        0.2s    10.61nm          5.5mb
FRI     49.74  84 ePc    34 57.50   0.1
PRI     49.93  86 ePc    35 00.00   0.9
BDW     50.16  72 eP     35 01.00   0.1
        1.2s    46.38nm          5.3mb
                  pP     35 06.00  17km
RSON    50.92  54 iP     35 06.00  -0.3
        1.3s   198.39nm          5.9mb
                  pP     35 13.30  24km
ISA     51.40  84 eP     35 09.00  -1.1
RSSD    51.69  66 iP     35 12.30  -0.2
        1.1s    80.81nm          5.6mb
                  pP     35 17.20  16km
CLC     51.71  83 eP     35 13.00   0.5
KJF     52.31 340 iP     35 15.70  -0.9
        0.9s    85.20nm          5.7mb
                  ePP    37 24.00
                  eS     42 56.00
                  eSS    46 20.00
SBB     52.49  84 iP+    35 19.00   0.6
GSC     52.51  83 eP     35 19.00   0.4
MWC     52.75  85 eP     35 20.00  -0.5
PAS     52.75  85 eP     35 21.00   0.7
RVR     53.27  85 eP     35 24.00  -0.1
TPC     53.84  83 eP     35 29.00   0.7
SUF     53.95 340 iP     35 28.50  -0.2
        0.7s    52.80nm          5.7mb
PLM     54.04  85 eP     35 29.00  -1.0
AKU     54.13   4 eP     35 30.10   0.2
        0.9s    80.67nm          5.8mb
                  i      35 31.60   5kmX
GOL     54.54  71 eP     35 34.00   0.3
        1.2s    18.03nm          5.0mb
                  pP     35 39.00  16km
GLD     54.57  71 eP     35 35.00   1.2
        1.2s    32.32nm          5.2mb
LHC     54.62  53 ePc    35 33.00  -0.8
        1.0s   122.00nm          5.9mb
BAR     54.68  85 eP     35 35.00   0.5
GLA     55.29  83 eP     35 39.00   0.0
                  pP     35 44.10  17km
REY     55.52   6 eP     35 40.20   0.0
BAG     55.86 240 eP     35 42.00  -1.4
NUR     56.28 340 iP     35 44.70  -1.0
        1.0s   110.00nm          5.8mb
     Z  16s     1.00um           5.0MszX
                  eS     43 44.00
                  eSS    47 24.00
                  LR     03 40.00
KMI     56.70 262 iPc+   35 49.00  -0.4
     N  14s     0.60um
                  eS     43 44.00
SCH     56.95  35 ePc    35 49.40  -1.2
        0.8s    36.00nm          5.5mb
TDM     57.74  81 P      35 57.50   1.0
ALQ     57.84  75 eP     35 57.60   0.3
        1.0s    45.00nm          5.5mb
                  e      36 02.00  14km
NAO     57.92 347 P      35 54.60  -2.7
        0.9s   103.20nm          5.9mb
UPP     58.01 343 iPd    35 58.50   0.6
        0.6s   200.00nm          6.3mb
KONO    59.20 348 eP     36 06.00  -0.3
OCO     61.59  68 eP     36 22.20  -0.7
SHL     61.71 272 iP     36 22.30  -1.7
TUL     62.04  66 iP     36 25.00  -0.9
        1.3s   155.50nm          6.0mb
RLO     62.17  65 iP     36 25.50  -1.3
OTT     62.26  46 ePc    36 25.50  -1.7
        0.9s   143.00nm          6.1mb
MUD     62.38 347 iPd    36 27.90   0.0
        1.0s    88.00nm          5.9mb
FVM     62.70  61 iP     36 29.10  -1.2
        1.0s   142.00nm          6.1mb
                  pP     36 34.00  16km
COP     62.76 345 iPc    36 30.00  -0.4
        0.8s    74.63nm          5.9mb
MNT     62.91  44 iP     36 29.50  -2.0
        0.8s    65.00nm          5.8mb
KKN     63.12 279 eP     36 33.30  -0.1
PKI     63.24 279 eP     36 33.80  -0.5
DMN     63.35 279 eP     36 34.80  -0.2
        1.2s   149.00nm          6.0mb
RSNY    63.42  46 eP     36 33.30  -1.6
        1.0s    49.00nm          5.6mb
BHO     63.73  66 ePc    36 36.70  -0.3
CHG     63.89 262 iPc    36 38.60   0.3
        1.1s    69.62nm          5.7mb
HNME    64.21  40 eP     36 39.10  -1.0
EKA     64.44 355 Pc     36 41.10  -0.3
        0.9s   113.80nm          6.0mb
JCT     64.68  73 iP     36 43.00  -0.4
        1.1s    90.51nm          5.8mb
                  i      36 48.00  16km
BRL     65.78 344 eP     36 51.00   1.0
BRN     65.85 344 iPc    36 51.20   0.7
WIT     66.24 348 eP     36 54.00   1.0
NDI     66.28 286 eP     36 52.50  -1.1
CLL     66.96 344 iPc    36 56.90  -0.7
        1.4s   140.00nm          5.9mb
WTS     67.03 348 ePc    36 58.00   0.0
        1.0s   136.00nm          6.1mb
KRA     67.07 339 ePc    36 58.10  -0.2
        0.9s    84.00nm          5.9mb
     Z  14s     1.90um           5.5MszX
     N  14s     1.40um
     E  14s     1.40um
                  i      36 58.50   1kmX
                  i      37 02.30
                  e      37 06.60
ETA     67.19 357 iPc    36 59.00   0.0
        1.0s   100.00nm          5.9mb
BRG     67.25 343 iPc    36 59.10  -0.4
        1.3s    58.00nm          5.6mb
                  e      37 32.00 135kmX
BLA     67.54  54 iPc    37 00.50  -1.0
        1.1s   110.13nm          5.9mb
ECB     67.54 357 iPc    37 01.00  -0.2
ECP     67.71 357 iPc    37 02.20  -0.1
        0.9s   228.00nm          6.3mb
MOX     67.79 345 iPc    37 02.50  -0.4
        1.4s   145.00nm          5.9mb
SPC     67.85 338 eP     37 03.80   0.3
VAL     68.02 359 iP     37 04.50   0.3
PRU     68.02 342 iPc    37 04.10  -0.2
        1.1s    53.50nm          5.6mb
     Z  14s     0.70um           5.0MszX
     N  14s     0.50um
     E  14s     0.30um
HOF     68.08 344 iPc    37 04.30  -0.4
        1.2s    90.00nm          5.8mb
ENN     68.34 348 iPc    37 06.00  -0.2
        1.4s   215.00nm          6.1mb
                  e      37 31.00  98kmX
UCC     68.45 349 Pc+    37 07.00   0.0
MEM     68.48 348 iPc    37 07.00  -0.1
SNF     68.75 349 P      37 08.50  -0.3
KHC     69.00 343 iPc    37 10.00  -0.5
        1.1s    83.50nm          5.8mb
WET     69.09 343 iPc    37 11.00   0.0
        1.0s   116.00nm          6.0mb
DOU     69.13 349 Pc     37 11.00  -0.1
        1.0s   122.20nm          6.0mb
PSZ     69.13 338 iP     37 11.70   0.4
        0.9s    73.30nm          5.8mb
ZST     69.36 340 iPc    37 13.50   0.9
WLF     69.40 348 Pc     37 12.80   0.0
VKA     69.42 341 iPc    37 13.00   0.0
SRO     69.52 339 iP     37 14.30   0.8
VRI     69.68 333 ePc    37 14.50  -0.1
BUD     69.71 339 ePc    37 15.90   1.2
        1.1s    67.60nm          5.7mb
QUE     69.76 295 eP     37 15.00  -0.6
SOP     69.94 340 iPc    37 17.00   0.9
        0.9s    79.60nm          5.8mb
CFR     69.99 332 ePc    37 17.00   0.6
BUH     70.15 346 ePc    37 17.20  -0.3
MLR     70.21 333 ePd    37 18.50   0.5
FUR     70.27 344 iPc    37 18.00  -0.2
        1.2s   113.00nm          5.9mb
ISR     70.41 333 ePc    37 21.00   1.9
CDF     70.52 347 iPc    37 19.60  -0.2
        1.2s    71.40nm          5.7mb
TLB     70.58 331 ePd    37 20.50   0.5
FLN     70.85 353 iPc    37 21.20  -0.5
        1.0s   104.10nm          5.9mb
LDF     71.00 352 iPc    37 22.10  -0.5
        1.0s    92.00nm          5.9mb
SLE     71.02 346 ePd    37 22.10  -0.6
HAU     71.02 348 iPc    37 22.60  -0.2
        1.0s    65.60nm          5.7mb
KBA     71.04 343 iPc    37 23.30   0.2
        1.1s   146.00nm          6.0mb
                  i      37 33.20  32kmX
BSF     71.15 347 iPc    37 23.20  -0.4
        1.0s    74.00nm          5.8mb
GRR     71.25 353 iPc    37 23.80  -0.3
        1.0s   119.20nm          6.0mb
CLO     71.29 335 ePd    37 24.50   0.1
ZUL     71.31 346 ePd    37 24.10  -0.4
OGA     71.58 344 iPc    37 26.50   0.2
        1.3s    70.00nm          5.6mb
LPF     71.62 353 iPc    37 26.00  -0.3
        1.0s    82.90nm          5.8mb
LLS     71.84 346 ePd    37 27.60  -0.3
LJU     71.87 341 eP     37 28.00   0.2
OSS     71.87 345 eP+    37 28.20   0.1
VOY     71.98 342 eP     37 28.20  -0.4
                  e      37 45.20  62kmX
LOR     72.00 349 iPc    37 28.30  -0.3
        1.0s    93.70nm          5.8mb
BEO     72.00 337 iP     37 39.30  10.7X
GRC     72.04 350 iPc    37 28.50  -0.3
                  i      37 45.00  60kmX
VDL     72.16 345 eP+    37 30.00   0.2
SSF     72.24 350 iPc    37 29.90  -0.1
LBF     72.27 349 iPc    37 29.80  -0.4
        0.8s    16.70nm          5.2mb
AVF     72.52 350 iPc    37 31.20  -0.4
TMA     72.60 346 eP+    37 31.90  -0.5
PVL     72.61 333 iPd    37 33.00   0.8
SMF     72.62 349 iPc    37 31.90  -0.4
        1.2s    89.20nm          5.7mb
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10d 01h

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MMK    72.77 346 ePd   37 34.20    0.7
BGF    72.79 350 iPc   37 33.00   -0.3
       1.2s     74.30nm          5.6mb
DIX    72.80 347 eP+   37 34.20    0.5
JMB    72.93 332 iP    37 35.00    0.9
MFF    72.98 352 iPc   37 34.30   -0.1
       1.2s     77.30nm          5.6mb
TCF    73.12 350 iPc   37 35.00   -0.2
       1.0s     59.20nm          5.6mb
MZF    73.16 350 iPc   37 35.50    0.1
LSF    73.21 351 iPc   37 35.60   -0.1
LPG    73.46 347 iPc   37 37.90    0.4
       1.2s     99.30nm          5.7mb
VTS    73.57 334 iPc   37 38.00    0.2
MSL    73.80 317 iPd   37 40.50    1.2
YLV    74.04 329 iP    37 41.60    0.9
RJF    74.15 351 iPc   37 41.10   -0.1
       1.2s     38.00nm          5.3mb
CAF    74.48 350 iPc   37 43.40    0.3
       1.2s     80.30nm          5.6mb
SKO    74.54 335 iPc   37 43.50    0.0
LFF    74.58 351 iPc   37 43.80    0.2
       1.2s     88.10nm          5.7mb
LPO    74.79 351 iPc   37 45.10    0.2
       1.3s    103.90nm          5.7mb
VAY    74.93 334 iP    37 46.00    0.3
HYB    75.16 279 eP    37 46.00   -1.4
IPM    75.17 253 ePd   37 46.30   -1.1
CDR    75.36 347 iPc   37 48.30    0.1
FRF    75.38 347 eP    37 48.10   -0.2
       0.8s     14.60nm          5.1mb
OHR    75.50 336 eP    37 49.00   -0.1
LRG    75.52 347 eP    37 49.30    0.3
       0.8s     14.50nm          5.1mb
LMR    75.62 347 eP    37 49.60    0.0
       1.0s     29.60nm          5.3mb
PRK    76.06 331 eP    37 53.00    0.8
KZN    76.07 335 eP    37 53.00    0.6
CVF    76.09 345 eP    37 51.90   -0.4
       1.1s     47.70nm          5.5mb
BHD    76.18 315 iPd   37 54.00    1.1
EPF    76.50 351 iPc   37 54.30   -0.4
       1.1s     41.50nm          5.4mb
MLS    76.52 351 iPc   37 55.00    0.3
IZM    76.62 330 eP    37 56.00    0.6
BCK    76.64 327 eP    37 53.50   -2.1
YER    77.56 329 iP    37 58.50   -2.1
RTB    77.81 318 iPd   38 04.00    2.0
PSI    77.81 254 ePd   38 02.80    0.6
       0.9s     22.70nm          5.2mb
ATH    77.88 332 eP    38 02.00   -0.2
VLS    78.37 335 eP    38 05.50    0.5
BHL    78.50 322 P     38 06.50    0.6
GBA    78.97 278 P     38 09.00    0.4
HRI    79.06 321 iP    38 10.50    1.5
TOL    79.91 354 iPd   38 14.50    1.1
       1.3s     4.00nm          4.3mb X
NPS    80.01 330 eP    38 13.50   -0.4
JER    80.61 321 iPc   38 18.50    1.2
PRNI   82.00 321 iP    38 26.50    2.0
CTA    82.26 201 iPc   38 26.80    1.0
       1.0s     30.00nm          5.3mb
CRT    82.57 354 iPc   38 29.50    2.1
WRA    84.79 212 iPc   38 39.30    0.6
              eS       41 55.70
IFR    86.30 355 iP    38 47.00    0.5
BRS    88.45 194 P     38 57.20    0.8
LPB   120.37  69 (PKP) 44 57.00    0.4
CNCB  120.66  69 ePKP  44 56.00   -1.3
SOB1  124.32  36 ePKP  45 03.60   -0.2
TET   125.36 304 ePKP  45 08.00    2.4X
TPZ   125.75  69 ePKP  45 07.00    0.2
              e        47 02.00
MTD   126.74 306 iPKPd 45 11.00    2.5X
KRI   127.57 308 iPKPd 45 10.50    0.4
BUL   130.96 307 iPKPd 45 17.10    0.6
       1.0s     8.50nm
SLR   136.10 304 ePKP  45 16.00  -10.1X
WIN   137.34 320 ePKP  45 19.50   -9.1X
PRY   137.49 304 ePKP  45 18.50  -10.2X
BFS   137.74 305 ePKP  45 28.50   -0.7
SBA   138.00 181 ePKP  45 23.90   -4.1X
SWZ   138.58 307 ePKP  45 30.50   -0.2
SEK   138.66 303 ePKP  45 31.50    0.6
       1.0s     25.00nm
SUR   144.98 309 ePKP  45 42.20    0.3
       0.6s     53.33nm

TUH   146.43 310 iPKPc 45 47.00    3.0X
       1.0s    120.00nm
SPA   150.23 180 ePKP  45 53.90    4.8X
       1.0s     77.50nm
              e        46 05.80
      S.D. = 0.8  on 214 of 226 obs.

   SEP  10, 1985  02h 30m 55.37± 0.61s
    6.480 S ± 4.5km  149.871 E ± 4.1km
   DEPTH =  28.8 ±  4.2 km
   5.1mb (  7 obs.)  4.8Msz (  1 obs.)
NEW BRITAIN REGION                (192)
     CENTROID, MOMENT TENSOR      (HRV)
     Data Used: GDSN
     L.P.B.: 15S, 32C
     Centroid Location:
     Origin Time        02:30:58.3 0.5
     Lat  6.57S 0.05 Lon 149.98E 0.06
     Dep  20.1 4.7 Half-duration  1.8
     Moment Tensor; Scale 10**24 D-CM
       Mrr=-0.84 0.06  Mtt= 0.88 0.06
       Mff=-0.04 0.07  Mrt=-1.14 0.31
       Mrf=-0.14 0.11  Mtf=-0.26 0.06
      Principal Axes:
       T  Val=  1.47  Plg=26  Azm=187
       N       -0.02      11       92
       P       -1.45      61      340
     Best Double Couple:Mo=1.5*10**24
      NP1:Strike=302 Dip=22 Slip= -58
      NP2:        88     72      -102

LAT    2.86 266 eP    31 40.00    0.0
RAB    3.23  45 eP    31 46.00    0.7
PMG    3.96 223 eP    31 58.00    2.3
MDG    4.25 287 eP    32 01.00    1.2
MOM    5.05 331 eP    32 16.00    4.8X
BGA    5.29  87 eP    32 15.00    0.4
              eS       33 38.00
PAA    5.59  88 eP    32 17.00   -1.8
              eS       33 45.00
WEW    6.87 295 eP    32 43.00    6.3X
TZZ    8.69 278 eP    33 06.00    3.7X
JAY    9.95 293 ePd   33 24.50    4.9X
HNR   10.40 107 e(P)  33 23.00   -2.8
CTA   13.98 194 iP    34 21.00    7.2X
       1.1s    53.16nm          5.2mb
              eS       36 48.00
ISQ   17.33 214 eP    34 59.00    2.1
MTN   19.52 250 eP    35 23.00   -0.6
RMQ   19.93 183 eP    35 27.00   -0.9
WRA   20.16 227 eP    35 28.70   -1.8
              eS       39 16.00
GUA   20.49 346 eP    35 33.80    0.0
       1.4s   427.91nm          5.6mb
GUMO  20.55 346 eP    35 34.00   -0.4
PJG   20.55 346 eP    35 34.20   -0.2
BRS   20.98 173 P     35 36.20   -2.7
              e        39 34.00
NOU   22.44 136 iPc   35 53.50    0.0
KNA   22.64 244 eP    35 56.00    0.5
ASPA  22.97 220 eP    35 59.00    0.2
COO   24.05 176 eP    36 10.00    0.9
KUPT  26.24 260 eP    36 35.50    5.5X
YOU   27.70 183 eP    36 43.90    0.7
DAV   27.73 299 eP    36 44.00    0.3
CAN   28.71 181 eP    36 52.00   -0.3
WAM   29.59 182 eP    37 04.60    4.5X
TAU   36.35 183 eP    38 01.00    2.3
NAU   36.77 241 eP    38 03.00    0.4
BAG   36.84 308 eP    38 04.00    0.6
KLB   39.04 226 eP    38 21.00   -0.5
MRWA  39.14 231 eP    38 21.00   -1.4
MUN   40.36 227 eP    38 32.00   -0.4
MAT   44.17 346 (P)   39 02.00   -1.4
       1.4s    18.60nm          4.7mb
     Z 20s      1.06um          4.8Msz
              (S)      45 30.00
KGM   47.23 279 eP    39 26.00   -2.1
PPI   49.72 275 eP    39 46.50   -0.9
       1.0s   141.30nm          6.0mb
IPM   49.99 281 ePd   39 48.60   -0.9
              e        41 14.70
PSI   51.67 279 ePd   40 01.50   -0.8
       1.2s    71.00nm          5.5mb
NST   53.95 295 eP    40 37.00   17.9X
CHG   56.13 298 eP    40 39.50    4.5X
SHL   64.68 302 eP    41 32.50   -1.0

PKI    70.81 302 eP    42 11.60   -0.5
KKN    70.99 302 eP    42 12.80   -0.3
       0.6s     4.00nm          4.7mb
DMN    71.08 302 eP    42 13.60   -0.1
KOD    73.99 283 eP    42 31.00    0.0
HYB    74.30 290 eP    42 31.00   -1.5
GBA    74.61 286 P     42 32.00   -2.2
SPA    83.56 180 eP    43 22.20    0.1
       0.9s     5.91nm          4.7mb
COL    84.53  22 eP    43 27.00    0.3
QUE    87.14 301 eP    43 39.30   -1.3
INK    91.06  21 eP    43 54.00   -4.0X
ISA    95.07  55 eP    44 19.00    1.7
PAS    95.21  56 eP    44 19.00    1.1
MWC    95.31  56 eP    44 19.00    0.4
SBB    95.53  56 eP    44 20.00    0.6
CLC    95.80  55 eP    44 22.00    1.4
RVR    95.86  57 eP    44 19.00   -1.8
PLM    96.24  57 eP    44 23.00    0.1
GSC    96.41  55 eP    44 25.00    1.6
TPC    96.96  56 eP    44 27.00    1.1
ALQ   104.88  56 e(Pdif45 10.00    8.3X
MTD   114.77 248 ePKP  49 38.50    2.5X
BUL   116.49 244 ePKP  49 40.40    1.1
       0.9s     5.88nm
KRI   116.57 248 ePKP  49 41.00    1.5
NAO   117.74 339 PKP   49 37.60   -2.6X
       0.8s     5.20nm
MLR   118.02 319 ePKP  49 32.00   -9.5X
CLO   120.23 319 ePKP  49 44.00   -1.5
ZST   122.33 324 iPKP  49 30.00  -19.3X
SKO   122.36 316 iPKP  49 48.40   -1.2
              i        49 55.00
BRG   122.62 328 iPKPc 49 49.30   -0.5
       1.2s    20.00nm
              i        49 56.20
PRU   122.80 327 ePKP  49 49.00   -1.2
              e        49 56.50
CLL   122.85 329 ePKP  49 50.00   -0.2
       1.4s    15.00nm
              i        49 56.40
KHC   123.81 327 iPKPc 49 52.10   -0.2
       1.2s    20.00nm
              e        49 59.50
MOX   123.95 329 ePKP  49 52.00   -0.5
BLA   125.05  49 ePKP  49 54.10   -1.0
WTS   125.39 333 ePKP  49 55.50    0.4
              e        50 02.00
ENN   126.64 332 ePKP  49 57.50   -0.1
       1.2s    18.00nm
              e        50 04.50
MEM   126.71 332 PKP   49 57.20   -0.5
              e        50 05.00
EKA   126.73 341 PKPc  50 03.80    6.1X
       1.3s    18.10nm
BUH   126.90 329 ePKP  49 57.30   -1.0
WLF   127.28 331 PKP   49 59.50    0.6
CDF   127.56 329 ePKP  49 59.60    0.0
SNF   127.57 333 PKP   50 06.10    6.7X
DOU   127.72 332 PKP   50 00.50    0.8
              e        50 07.20
BSF   128.18 329 ePKP  50 00.80    0.0
HAU   128.29 329 ePKP  50 01.20    0.3
LPG   129.70 327 ePKP  50 04.40    0.3
LOR   130.03 330 ePKP  50 04.80    0.5
LBF   130.17 330 ePKP  50 05.20    0.6
CVF   130.25 322 ePKP  50 05.00    0.2
SSF   130.35 330 ePKP  50 05.40    0.6
GRC   130.40 331 iPKPc 50 05.40    0.5
              i        50 08.00
              e        53 27.00
SMF   130.47 330 ePKP  50 05.50    0.4
AVF   130.61 330 ePKP  50 05.50    0.2
LDF   130.93 334 ePKP  50 06.50    0.6
FLN   130.96 334 ePKP  50 06.50    0.6
FRF   130.97 325 ePKP  50 06.60    0.5
BGF   131.03 330 ePKP  50 06.80    0.6
LMR   131.18 325 ePKP  50 06.80    0.3
LRG   131.19 325 ePKP  50 05.70   -0.8
MZF   131.39 330 ePKP  50 08.00    1.1
GRR   131.41 334 ePKP  50 07.50    0.7
BNG   131.52 270 iPKPc 50 06.70   -1.4
       0.9s    20.00nm
              ic       50 14.00
TCF   131.53 330 ePKP  50 08.00    0.8
LPF   131.76 334 ePKP  50 08.20    0.8
LSF   131.89 331 ePKP  50 08.30    0.5
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CAF	132.55	329	ePKP	50	10.20	1.0
RJF	132.57	330	ePKP	50	10.10	1.0
LPO	133.17	329	ePKP	50	11.40	1.1
LFF	133.22	330	ePKP	50	10.90	0.6
EPF	134.77	328	ePKP	50	14.40	1.0
CNCB	136.00	122	ePKP	50	15.00	-2.1
LPB	136.03	122	ePKP	50	12.00	-5.0X
ZOBO	136.13	121	PKP	50	18.90	1.5
CCH	137.24	124	ePKP	50	18.00	-1.2
TOL	139.32	329	ePKP	50	22.00	0.0
SDV	139.80	84	ePKP	50	23.70	-0.1
SJG	143.04	68	e(PKP)	50	25.00	-4.2X
IFR	144.49	323	iPKP	50	29.00	-2.5X
AVE	145.99	325	iPKP	50	34.00	0.2
			i	51	26.00	
CUM	146.11	81	ePKP	50	34.50	0.0
VAO	146.39	151	ePKP	50	38.30	3.5X
KIC	154.77	271	ePKP	50	56.10	8.7X
			e	51	03.80	
			e	51	12.20	
			e	51	18.90	
SO81	161.08	145	ePKP	50	55.10	0.2
ITR	162.75	151	e(PKP)	51	05.00	8.4X

S.D. = 1.1 on 104 of 127 obs.

SEP 10, 1985 04h 07m 47.44± 0.11s
6.394 S ± 3.0km 149.733 E ± 3.1km
DEPTH = 10.0km (geophysicist)
5.8mb (41 obs.) 6.3Msz (22 obs.)
NEW BRITAIN REGION (192)
Ms 6.0 (PAS), 5.7 (BRK).
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 50 Dip=88 Slip=-135
NP2: 318 45 -3
Principal Axes:
T Plg=28 Azm=175
P 32 284
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: 11
Moment Tensor; Scale 10**25 d-cm
Mrr=-2.24 Mtt= 6.37
Mff=-4.14 Mrt=-1.47
Mrf=-2.95 Mtf=-1.02
Principal axes:
T Val= 6.65 Plg= 8 Azm=183
N -0.13 52 82
P -6.51 36 279
Best Double Couple:Mo=6.6*10**25
NP1:Strike=315 Dip=58 Slip= -22
NP2: 56 72 -147
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 55C M.W.: 14S, 30C
Centroid Location:
Origin Time 04:07:57.1 0.2
Lat 6.55S 0.01 Lon 150.08E 0.02
Dep 22.5 0 7 Half-duration 7.0
Moment Tensor; Scale 10**25 D-CM
Mrr=-4.73 0.06 Mtt= 3.89 0.05
Mff= 0.84 0.06 Mrt=-2.77 0.20
Mrf=-1.69 0.17 Mtf= 0.94 0.04
Principal Axes:
T Val= 5.16 Plg=18 Azm=161
N 0.67 6 69
P -5.83 71 321
Best Double Couple:Mo=5.5*10**25
NP1:Strike=260 Dip=28 Slip= -77
NP2: 66 63 -97

ULA	2.05	48	P	08	21.90	-0.4
LAT	2.73	264	eP	08	36.00	3.9X
VUL	3.19	49	P	08	38.00	-0.6
ALOA	3.93	171	eP	08	44.00	-5.1X
PMG	3.94	229	eP	08	50.50	1.3
MDG	4.09	286	eP	08	54.00	2.6
MOM	4.91	332	eP	09	08.00	5.0X
BGA	5.42	88	iPd	09	07.00	-3.4X
			eS	10	35.00	
PAA	5.72	89	eP	09	12.00	-2.7X
			eS	10	14.00	
MNDI	6.04	272	e(P)	09	40.50	21.2X
WEW	6.71	295	eP	09	39.00	10.6X
TZZ	8.54	277	eP	09	59.00	4.8X
JAY	9.79	293	ePd	10	18.50	7.1X
	1.0s	124.70nm			6.3mb	
			eS	13	19.50	
VSG	10.29	107	eP	10	18.00	-0.2
SVO	10.36	106	eP	10	20.00	0.8
HNR	10.56	107	eP	10	18.00	-3.9X
			e(S)	12	46.00	
CTA	14.03	194	iPc+	11	08.80	0.3
	1.0s	71.00nm			5.4mb	
			iS	13	41.00	
ISO	17.32	214	eP	11	52.00	0.9
MTN	19.42	249	eP	12	17.00	0.0
KOU	19.94	136	iPc	12	19.10	-3.4X
RMO	20.01	183	eP	12	21.00	-2.3
WRA	20.12	227	iPd	12	23.50	-1.0
			eS	16	10.20	
GUA	20.37	346	eP-	12	28.40	1.2
	1.3s	2015.39nm			6.3mb	
GUMO	20.43	346	eP	12	28.70	1.0
BRS	21.08	172	ePc	12	42.20	7.8X
			e	20	02.00	
PVC	21.36	124	iPc	12	37.00	-0.2
KNA	22.56	244	eP	12	50.00	0.8
	0.9s	429.00nm			5.9mb	
NOU	22.60	136	iPc	12	46.50	-3.1X
ASPA	22.95	220	eP	12	53.00	-0.1
COO	24.14	175	eP	13	04.00	-0.7
	1.0s	625.00nm			6.2mb	
CMS	25.23	188	eP	13	15.00	-0.1
KUPT	26.12	260	ePd	13	31.50	8.0X
			e(S)	18	16.50	
STK	26.47	196	eP	13	24.00	-2.7
	1.1s	534.00nm			6.1mb	
RIV	27.33	177	iPd	13	34.20	-0.2
			eS	18	28.00	
DAV	27.57	299	iPc+	13	34.00	-2.9X
YOU	27.78	182	eP	13	37.10	-1.4
CAN	28.80	181	eP	13	46.20	-1.6
CGP	29.00	300	eP	13	53.00	3.3X
	1.5s	198.00nm			5.7mb	
NDF	29.31	115	eP	13	55.00	2.5X
MGO	29.58	115	eP	13	59.00	3.9X
WAM	29.67	181	iPc	13	55.00	-0.5
SGE	29.69	115	eP	13	59.20	3.1X
VUN	30.31	115	iP	14	01.00	-0.4
TOO	31.27	187	eP	14	08.00	-1.8
BFD	31.33	191	eP	14	09.00	-1.3
MBL	32.45	240	eP	14	21.00	0.8
PPR	34.81	297	iPc	14	44.00	3.2X
CRZ	35.04	146	P	14	41.30	-1.2
KKM	35.66	290	ePd	14	52.40	4.3X
MEK	35.86	232	iPc	14	50.80	1.2
KLG	35.94	224	eP	14	50.00	-0.2
TAU	36.43	183	iPc	14	54.40	0.3
			eS	20	36.00	
BAG	36.68	308	eP	14	55.00	-1.8
			eS	20	38.00	
TRT	36.83	266	ePc	14	58.40	0.5
KLB	39.00	226	eP	15	15.00	-0.9
	0.6s	107.00nm			5.7mb	
MRWA	39.08	230	eP	15	16.00	-0.7
	0.7s	95.00nm			5.6mb	
KRP	39.17	147	P	15	16.90	-0.3
			pP	17	29.00	
BAL	39.24	228	eP	15	19.00	1.0
	0.5s	22.00nm			5.1mb	
NWAO	40.11	225	eP	15	26.00	0.9
	0.6s	27.00nm			5.1mb	
MUN	40.32	226	eP	15	26.00	-0.9
	0.9s	161.00nm			5.7mb	
			eS	21	36.00	
RKG	40.91	223	eP	15	34.00	2.4
	0.8s	265.00nm			6.0mb	
TCW	41.00	151	iPd	15	31.30	-1.0
GNZ	41.05	146	P	15	31.00	-1.7
MNG	41.13	150	P	15	32.00	-1.4
WEL	41.29	151	iPc	15	33.00	-1.6
Z	20s	78.01um			6.6Msz	
N	20s	70.92um				
E	21s	65.95um				
			pP	17	12.00	553kmX
			S	21	29.00	
MSZ	41.30	160	P	15	37.80	3.1X
ANP	41.70	320	iP-	15	39.00	0.7
			iS	22	13.00	
KYS	42.34	348	eP	15	45.00	1.7
OYM	42.75	347	eP	15	46.00	-0.7
SRY	42.92	347	eP	15	52.20	4.1X
DDR	43.31	348	eP	15	50.00	-1.3
TSK	43.33	349	eP	15	50.80	-0.6
QZH	43.46	317	eP	15	52.00	-0.6
			pP	16	03.00	39kmX
			S	22	16.00	
MAT	44.05	347	iPd	15	55.60	-1.7
	1.4s	186.05nm			5.7mb	
			eS	22	27.00	
HKC	45.01	310	iP	16	06.00	0.8
			iS	22	50.00	
GZH	46.08	311	iPd	16	15.00	1.4
			S	22	54.00	
SSE	46.21	325	P-	16	14.00	-0.5
Z	32s	92.50um			6.5MszX	
N	16s	16.50um				
E	16s	12.70um				
			pP	16	24.00	33kmX
			sP	16	28.00	
			ePcP	17	59.00	
			PPP	18	44.00	
			PcS	21	52.00	
			eS	22	44.00	
			sS	23	03.00	
			SS	26	06.00	
			ScS	26	14.00	
			eSSS	26	36.00	
QIZ	46.72	304	eP	16	19.00	0.2
			pP	16	28.50	32kmX
			ScS	26	08.50	
KGM	47.08	279	ePd	16	23.30	1.6
	1.0s	133.00nm			6.0mb	
			e	16	30.90	
NJ2	48.25	324	Pd	16	30.50	-0.1
PPI	49.57	275	ePc	16	40.00	-1.1
	0.9s	363.00nm			6.4mb	
SAP	49.81	352	eP	16	42.00	-0.4
			eS	23	44.00	
IPM	49.83	281	ePd	16	43.90	0.8
	1.0s	69.20nm			5.6mb	
			e	17	31.00	
			e	18	03.20	
WHN	49.97	319	Pd	16	43.00	-0.9
			S	23	59.00	
SNG	50.82	285	eP	16	53.00	2.4
RAR	50.97	112	P	16	51.00	-0.6
			S	24	08.00	
PSI	51.52	279	eP	16	56.00	0.0
	0.8s	128.20nm			5.9mb	
MED	51.92	280	ePd	17	04.00	5.0X
TSI	52.02	279	e(P)	17	03.00	3.2X
DL2	52.06	332	P	17	00.00	0.4
			S	24	15.00	
TIA	52.27	327	eP	17	00.00	-1.2
			ePP	19	03.50	
			eScP	22	07.90	
			eS	24	23.50	
GYA	53.00	310	Pd	17	06.00	-1.0
			S	24	41.00	
NNT	53.15	291	eP	17	18.20	10.1X
SNY	53.61	336	iPd	17	10.00	-1.1
			PP	19	14.00	
			SS	28	16.00	
NST	53.79	295	eP	17	14.00	1.3
MDJ	53.92	342	iPd	17	13.00	-0.3
			PP	19	20.00	
			S	24	49.00	
CN2	54.57	339	Pd	17	15.80	-2.3
			PP	19	18.00	
			eS	24	52.00	
			SS	28	38.00	
KHT	54.89	293	eP	17	23.20	2.3
BDT	55.35	296	eP	17	23.00	-1.2
KMI	55.40	306	eP	17	23.00	-1.8
N	15s	9.30um				
			PP	19	35.00	
			S	25	14.00	
			sS	25	40.00	
			SS	29	10.00	
BJI	55.60	329	eP	17	24.00	-1.6
E	17s	7.00um				
			ePP	19	18.00	
			eS	25	03.00	
			eSS	28	44.00	
BSI	55.61	281	ePd	17	28.00	1.9

10d 04h

XAN	55.74	319	Pd	17	24.00	-2.8X	COL	84.50	22	eP	20	18.00	-3.5X				i	26	24.30										
			pP	17	35.00	37kmX		1.0s		21.50nm			5.3mb				ePP	27	08.00										
			S	25	12.50			Z 23s		9.85um			6.1MszX				eSKKS	33	08.00										
			SS	29	02.00					eS	30	46.00					e	36	38.00										
CHG	55.97	298	ePc	17	29.00	0.3	INK	91.03	21	eP	20	51.00	-1.9				eSPP	37	48.00										
	1.1s		22.15nm			5.1mb		1.2s		41.00nm			5.6mb				eSS	42	48.00										
			eS	25	20.00		SYO	91.18	200	eP	20	54.10	0.5				LR	12	30.00										
TIY	55.97	325	iPd	17	27.00	-1.5	ARN	92.83	53	P	21	05.00	3.1X	NAI	112.62	266	ePdiff	22	40.00	8.5X									
			pP	17	37.50	35kmX	MIN	93.07	50	eP	21	02.70	-0.4	TET	112.98	250	ePKP	26	31.00	3.5X									
			PP	19	30.00		ORV	93.07	51	eP	21	02.60	-0.3				e	27	18.00										
			iS	25	19.00		PRI	93.40	54	eP	21	05.50	0.9	BHL	113.50	304	PKP	26	29.00	0.8									
CD2	57.51	313	iPd	17	38.00	-1.6	JAS1	93.76	52	eP	21	04.40	-1.7	TUL	113.51	54	ePKP	26	29.50	1.5									
			iS	25	36.00		SYP	93.82	56	eP	21	11.00	4.4X		1.0s		24.30nm												
HON	58.18	60	P	17	52.00	7.7X	FRI	94.25	53	eP	21	07.80	-0.5				e	27	39.10										
HHC	58.62	327	Pc	17	46.00	-1.2	ISA	95.14	55	eP	21	13.00	0.4	HRI	113.51	303	iPKP	26	30.00	1.7									
			pP	17	56.00	33kmX	PNT	95.22	41	eP	21	14.00	1.4	RLO	114.08	53	ePKP	26	29.50	0.3									
BTO	59.31	326	iPd	17	50.00	-2.0	PAS	95.28	56	eP	21	14.00	0.8	SEK	114.43	235	ePKP	26	29.50	-0.8									
			iS	26	03.50					ISKS	31	50.00			1.2s		39.06nm												
AFR	59.99	106	iP	17	57.40	0.5				ePS	33	56.00		BHO	114.50	55	ePKP	26	31.20	1.2									
	1.2s		255.00nm			6.2mb				eSS	38	42.00		PRNI	114.53	300	iPKP	26	31.50	1.3									
PAE	60.18	107	iP	17	58.60	0.4				eLg	47	04.00		MTD	114.67	248	ePKP	26	33.30	2.4X									
	1.2s		160.00nm			6.0mb	MWC	95.38	56	eP	21	15.00	1.1	PRY	115.07	236	ePKP	26	20.50	-11.0X									
PPT	60.18	107	iP	17	59.00	0.7	MNA	95.58	52	eP	21	14.60	-0.1		0.5s		5.41nm												
	1.2s		170.00nm			6.1mb	SBB	95.60	56	IP+	21	16.00	1.3	BFS	115.65	236	IPKPc	26	35.00	2.4X									
LZH	60.30	318	Pd	17	57.50	-1.5	CLC	95.86	55	eP	21	16.00	0.1		1.2s		62.50nm												
			PPP	21	41.00		RVR	95.92	57	eP	21	15.00	-1.1	BUL	116.41	244	IPKPc	26	34.80	0.6									
			S	26	12.00		PLM	96.31	57	eP	21	19.00	0.8		1.0s		36.50nm												
PPN	60.31	106	iP	17	59.90	0.8	BMN	96.42	50	P	21	19.50	1.1	KRI	116.47	248	ePKP	26	34.00	-0.4									
	1.2s		255.00nm			6.2mb	BAR	96.43	58	eP	21	21.00	2.5	FRB	116.49	18	ePKP	26	31.00	-1.8									
TVO	60.50	107	iP	18	01.30	0.8	GSC	96.47	55	eP	21	17.00	-1.7	SWZ	116.75	235	ePKP	26	38.00	3.3X									
	1.2s		280.00nm			6.3mb	NEW	96.82	42	eP	21	19.00	-0.9	TLB	116.78	317	ePKPd	26	34.50	0.5									
DRV	60.55	184	eP	18	00.00	0.1		Z 20s		9.00um			6.2Msz	FVM	117.30	50	PKP	26	34.20	-1.0									
TBI	60.72	113	iP	18	02.40	0.6	TPC	97.03	56	eP	21	20.00	-1.2	NAO	117.61	339	PKP	26	33.00	-2.1X									
	1.0s		200.00nm			6.2mb	GLA	98.00	58	eP	21	28.00	2.4		1.1s		19.30nm												
PMO	61.71	104	iP	18	09.50	0.8	AVY	99.21	250	eP	21	34.10	2.7X	HLW	117.73	300	ePKP	26	34.00	-2.3X									
	1.2s		295.00nm			6.3mb	EDM	99.23	37	ePd	21	32.40	1.7				e	33	30.00										
VAH	61.97	104	iP	18	11.00	0.5	LRM	100.00	45	eP	21	37.30	2.6X				e	35	05.00										
	1.2s		125.00nm			6.0mb	SES	100.78	40	ePdiff	21	38.00	0.2	MLR	117.87	319	ePKPd	26	35.50	-0.7									
TPT	61.98	104	iP	18	11.30	0.8	BDW	102.16	48	ePdiff	21	44.20	-0.2	BUC	118.14	317	ePdiff	23	06.00	10.9X									
	1.2s		105.00nm			6.1mb		1.0s		5.60nm			5.2mb	LSZ	118.22	249	IPKP	26	37.80	0.1									
RUV	62.21	104	iP	18	12.60	0.6	ALQ	104.95	56	ePdiff	21	57.00	0.1				i	26	40.00										
	1.2s		195.00nm			6.2mb		Z 22s		7.72um			6.2Msz				i	27	57.50										
SHL	64.52	302	iP	18	26.50	-0.9	GOL	105.52	51	ePKP	26	11.80	-1.3				i	33	20.90										
			iS	27	08.80			1.0s		4.00nm							i	36	57.80										
ADK	64.76	22	eP	18	20.70	0.5		Z 20s		8.00um			6.3Msz	YER	118.75	309	ePKP	26	37.50	-0.6									
GTA	64.80	319	P	18	27.20	-1.7	KEV	106.90	342	ePdiff	22	04.00	-0.5	TUH	118.76	227	ePKP	26	18.50	-19.6X									
			S	27	09.00		KEV	106.90	342	ePKP	26	12.00	-2.4X		1.0s		50.00nm												
LSA	66.66	306	Pd	18	37.60	-3.8X				epPP	28	48.00		PVL	119.21	316	iPKPd	26	39.00	0.3									
			S	27	28.00					eSKS	32	44.00		DIM	119.30	315	iPKP	26	39.00	0.1									
PKI	70.65	302	eP	19	05.00	-0.3				e	33	30.00		KDZ	119.60	315	ePKP	26	39.00	-0.5									
	0.9s		48.00nm			5.6mb				ePS	35	40.00		KRA	119.64	325	IPKPd	26	39.50	0.2									
KKN	70.83	302	eP	19	07.00	0.0				eSPP	36	36.00			Z 23s		18.50um			6.7MszX									
	0.0s		27.00nm			5.4mb				eSS	42	00.00			N 23s		8.40um												
OMN	70.92	302	eP	19	07.80	0.2				eSSS	46	04.00			E 23s		12.20um												
	0.8s		58.00nm			5.8mb	LTX	107.57	61	Pdiff	22	17.00	8.4X				e	26	40.90										
SBA	71.08	176	iPc+	19	13.80	1.1		Z 21s		0.93um			5.3Msz				e	26	50.80										
	1.0s		26.00nm			5.3mb	LTX	107.57	61	ePKP	26	10.80	-6.3X				e	28	11.00										
	Z 20s		13.48um			6.2Msz		Z 21s		4.64um			6.0Msz	PRK	119.69	312	ePKP	26	40.00	0.3									
			i	19	17.80		SOD	108.18	340	IPKP	26	19.30	2.4X	SPC	119.88	324	ePKP	26	41.30	1.3									
KOD	73.83	283	iP	19	24.00	-1.1	KJF	109.27	337	ePdiff	22	20.00	4.8X	CLO	120.08	319	ePKPd	26	40.50	0.2									
			eS	29	02.00		KJF	109.27	337	ePKP	26	12.00	-7.0X	AKU	120.20	354	IPKPd	26	41.90	2.1									
RKT	74.01	112	iP	19	25.50	-0.1		0.9s		20.30nm					0.9s		30.25nm												
	1.0s		125.00nm			5.9mb		Z 20s		10.30um			6.4Msz	COP	120.32	334	ePdiff	23	12.00	7.5X									
HYB	74.15	290	ePd	19	26.80	0.3				i	26	19.20					iS	33	40.00										
	1.0s		100.00nm			5.8mb				esPP	29	04.00		PSZ	120.67	323	ePKP	26	40.10	-1.3									
GBA	74.46	286	P	19	28.00	-0.3				eSKS	32	44.00		MMB	120.76	315	IPKPd	26	42.00	0.3									
WMQ	74.87	319	P	19	28.50	-1.8				esP	36	08.00		VTS	120.76	316	ePKP	26	41.00	-0.6									
			S	29	06.00					ePS	37	00.00		MUD	121.21	336	ePKP	26	47.00	5.0X									
			ScS	29	39.00					eSS	42	04.00			1.2s		54.00nm												
NDI	77.91	301	eP	19	46.00	-1.6				esSS	45	14.00		KSP	121.25	327	ePKP	26	42.00	-0.3									
			iPP	20	16.00					LR	14	06.00		NPS	121.32	308	ePKP	26	45.00	2.0									
			iS	29	36.00		DAG	109.39	357	ePKP	26	17.50	-1.5	BUD	121.40	323	ePKP	26	43.60	0.9									
			i	38	18.00					i	36	02.00			1.0s		30.50nm												
POO	78.75	290	iPc	19	54.80	2.4	SUF	110.58	336	ePKP	26	21.00	-0.5	SRO	121.66	324	I(PKP)	26	43.90	0.8									
	1.1s		101.27nm			5.8mb		0.3s		1.70nm					N 18s		4.30um												
			iS	29	54.00		JCT	110.84	60	ePKP	26	19.50	-3.6X		E 20s		4.36um												
TTA	80.37	22	eP	20	02.00	1.6		Z 18s		12.37um			6.5Msz				e	28	14.80										
KSH	81.65	311	Pd	20	08.00	0.4	RSON	111.55	38	ePKP	26	22.00	-1.8	VAY	121.67	315	IPKP	26	42.40	-1.0									
			S	30	23.00			Z 21s		8.70um			6.3Msz	BEO	121.70	320	iPKP	26	44.80	1.5									
PMR	82.40	25	P	20	08.70	-2.1	NUR	112.26	334	iPKP	26	24.60	-0.2	BEO	121.70	320	IPKP	26	44.80	1.5									
PME	82.46	25	eP	20	10.60	-0.4		0.7s		9.30nm				ATH	121.98	311	ePKP	26	41.20	-2.9X									
	0.8s		20.50nm			5.3mb		Z 23s		6.20um			6.1MszX	REY	122.05	356	IPKP	26	43.30	-0.1									
IMA	82.98	20	eP	19	56.50	-17.5X				LR	12	30.00		ZST	122.18	324	iPKP	26	45.10	1.0									
SPA	83.65	160	eP	20	16.10	-1.4	NUR	112.26	334	ePdiff	22	30.00	1.5	SKO	122.21	316	ePKP	26	41.50	-2.9X									
	1.0s		57.00nm			5.7mb	NUR	112.26	334	ePKP	26	21.00	-3.8X		1.2s		90.00nm												
	Z 19s		11.90um			6.3Msz		0.6s		18.30nm							i	26	44.50										
TOA	83.88	25	eP	20	19.40	0.8		Z 23s		6.20um			6.1MszX				iPP	31	04.50										

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                    iSKKS 38 03.00
                    iPS   40 23.00
BRG    122.47 328 ePKP   26 43.30   -1.3
   Z  18s     6.50um              6.3Msz
   N  18s     5.00um
   E  18s     8.00um
                  i      26 46.00
                  i      26 54.00
                  eSKS   33 32.00
                  ePKKP  36 40.00
VKA    122.60 325 iPKPc  26 45.00    0.1
   4.0s     657.00nm
   Z  25s     7.60um              6.2MszX
                  e(PP)  28 22.00
                  i      29 14.70
KZN    122.60 314 ePKP   26 44.00   -1.3
PRU    122.66 327 PKP    26 45.50    0.5
   1.0s      24.60nm
   Z  21s     9.20um              6.4Msz
   N  22s     5.10um
   E  20s     6.80um
                  e      26 49.00
                  e      26 54.50
CLL    122.71 329 ePKP   26 45.00    0.0
   Z  21s     1.50um              6.5Msz
                  PKKP   36 44.00
SOP    122.76 324 iPKPd  26 44.00   -1.2
SCH    123.54  24 ePKP   26 46.00   -0.6
MOX    123.81 329 ePKP   26 46.00   -1.3
   1.2s      46.00nm
   Z  20s    14.90um              6.6Msz
   N  22s    10.70um
   E  20s     5.90um
                  i      26 49.00
                  ePP    28 26.00
                  ePP    31 16.00
                  eSKKS  35 10.00
                  ePS    38 22.00
                  ePPS   39 52.00
                  e      40 52.00
                  eSS    45 28.00
                  eSSS   50 00.00
                  eLR    07 45.00
KMR    123.95 32  ePKP   26 44.00   -3.6X
                  iPP    28 30.20
                  i      44 02.60
ZAG    124.04 322 ePKP   26 48.60    0.8
LNV    124.10 139 ePKP   26 52.60    4.3X
GRF    124.58 328 ePKP   26 48.10   -0.7
   Z  19s     3.20um              6.0Msz
TACH   124.59 139 ePKP   26 50.00    0.7
PRM    124.64  53 ePKP   26 50.10    0.7
OTT    124.74  38 ePKP   26 48.00   -1.2
WIT    124.76 334 ePKP   26 50.00    1.1
LJU    124.79 323 ePKP   26 48.60   -0.7
                  e      27 58.00
                  e      33 26.00
SAN    124.90 139 ePKP   26 51.50    1.6
KBA    124.93 325 iPKP   26 49.70   -0.1
   1.2s      76.10nm
                  i      26 57.40
ROCH   124.96 138 iPKP   26 51.50    1.2
BACH   125.07 138 ePKP   26 51.00    0.7
PEL    125.07 138 iPKP   26 52.50    2.2X
BLA    125.10  49 ePKP   26 48.50   -1.7
   1.0s      78.00nm
VOY    125.18 324 ePKP   26 49.90   -0.3
                  i      27 07.40
                  e      27 53.50
WTS    125.25 333 ePKP   26 50.00    0.1
   1.0s      39.00nm
JACH   125.42 138 ePKP   26 52.00    0.9
TRI    125.42 323 ePKP   26 50.80    0.3
                  e      28 42.00
                  ePP    31 37.00
                  iS     38 44.00
                  iPPS   41 14.00
                  iSS    46 26.00
                  iSSS   50 38.00
WIN    125.45 237 iPKPc  26 52.10    0.6
   1.1s      39.24nm
FUR    125.46 327 ePKP   26 51.40    0.8
   1.2s     148.00nm
   Z  18s     8.20um              6.4Msz
TNS    125.65 330 ePKP   26 51.80    0.8
ELO    125.83 342 ePKPc  26 50.00   -1.0
RSNY   125.89  38 ePKP   26 50.00   -1.5
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   1.0s      38.00nm
   Z  20s     4.24um              6.1Msz
DBN    125.91 334 ePKP   26 54.00    2.6X
   Z  20s     6.60um              6.3Msz
                  ePP    28 42.00
                  eSP    38 36.00
                  eSPP   40 16.00
                  e      41 06.00
                  eSS    45 44.00
                  eSSS   50 04.00
MNT    125.93  37 iPKP   26 50.80   -0.7
                  pP     27 02.00
ESY    125.95 341 ePKPc  26 51.50    0.2
EBH    125.95 342 ePKPc  26 51.40    0.1
EBL    126.20 341 ePKPc  26 52.00    0.2
EAU    126.27 342 ePKPc  26 52.30    0.4
MDZ    126.44 139 ePKP   26 54.60    1.6
ENN    126.50 332 ePKP   26 52.00   -0.5
   1.1s      85.00nm
MEM    126.57 332 PKP    26 50.80   -1.8
EKA    126.61 341 PKPc   26 53.60    1.1
   1.2s      50.90nm
ESK    126.63 341 ePKP   26 53.00    0.4
BUH    126.76 329 ePKP   26 51.00   -2.1X
WLF    127.14 331 PKP    26 54.10    0.4
                  e      29 03.00
                  e      40 31.00
UCC    127.19 333 PKPd   26 56.00    2.2X
                  e      29 01.00
                  e      40 30.00
CDF    127.41 329 ePKP   26 53.60   -0.8
SNF    127.43 333 PKP    26 55.40    1.2
DOU    127.58 332 PKP    26 55.80    1.3
   Z  20s     1.00um              5.5Msz
                  e      29 05.00
                  e      40 32.00
BSF    128.03 329 ePKP   26 54.90   -0.7
HAU    128.15 329 ePKP   26 55.40   -0.3
HNME   128.75  33 PKP    26 57.00    0.1
LPG    129.55 327 ePKP   26 58.40   -0.5
ETA    129.80 341 ePKP   26 56.30   -2.4X
   1.0s      31.00nm
LOR    129.89 330 ePKP   26 58.70   -0.4
LBF    130.03 330 ePKP   26 58.90   -0.5
CVF    130.09 322 ePKP   26 59.00   -0.6
SSF    130.21 330 ePKP   26 59.10   -0.5
GRC    130.26 331 iPKPc  26 59.70    0.0
                  i      27 02.10
                  e      30 21.00
ECB    130.27 341 ePKP   26 58.20   -1.3
ECP    130.29 341 iPKPc  26 59.30   -0.3
   1.3s     185.00nm
SMF    130.33 330 ePKP   26 59.60   -0.3
AVF    130.47 330 ePKP   26 59.80   -0.3
LDF    130.79 334 ePKP   27 00.40   -0.3
FRF    130.82 325 ePKP   27 00.50   -0.4
FLN    130.82 334 ePKP   27 00.20   -0.5
BGF    130.88 330 ePKP   27 00.80   -0.2
LMR    131.03 325 ePKP   27 00.60   -0.7
LRG    131.05 325 ePKP   27 01.10   -0.2
UPA    131.14  84 iPKPc+27 02.80     0.5
   1.3s     111.54nm
   Z  18s     4.30um              6.2Msz
                  i      29 22.00
                  i      30 27.50
CDR    131.25 325 ePKPd  27 03.50    1.8
                  ePP    30 23.90
MZF    131.25 330 ePKP   27 01.80    0.1
GRR    131.27 334 ePKP   27 01.60    0.0
BNG    131.38 270 ePKPd  26 42.00  -20.9X
   1.2s      35.00nm
                  id     26 55.70
                  ic     27 03.00
                  id     28 15.60
                  ic     29 15.00
                  id     30 29.00
TCF    131.39 330 ePKP   27 01.90   -0.1
LPF    131.62 334 ePKP   27 02.20   -0.1
LSF    131.75 331 ePKP   27 02.40   -0.2
MFF    132.29 332 ePKP   27 03.40   -0.2
CAF    132.41 329 ePKP   27 04.00    0.0
RJF    132.42 330 ePKP   27 04.10    0.2
LPO    133.03 329 ePKP   27 05.30    0.2
LFF    133.07 330 ePKP   27 05.00   -0.1
ARE    133.32 120 ePKP   27 08.00    1.2
SLA    133.81 133 ePKP   27 01.40   -6.0X
MLS    134.29 328 ePKP   27 07.40   -0.2
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                  i      27 16.20
                  e      30 35.25
EPF    134.62 328 ePKP   27 07.40   -0.8
YJA    135.31 130 ePKP   27 00.40  -10.3X
TPZ    135.55 130 ePKP   27 01.00  -10.0X
                  i      27 13.00
CNCB   136.16 122 ePKP   27 03.00   -9.5X
                  i      27 15.80
LPB    136.19 122 PKPd   26 59.00  -13.4X
                  i      27 14.90
                  PKS    30 42.00
                  LR     12 04.00
ZOBO   136.29 121 PKP    26 59.20  -13.6X
                  i      27 14.20
                  LR     06 00.00
CCH    137.40 124 PKP    27 05.00   -9.6X
ALI    138.29 324 ePKP   27 00.50  -14.7X
                  e      30 06.50
TOL    139.18 329 ePKP   27 07.00   -9.8X
                  ePKKP  27 28.00
                  i      30 10.00
                  iPP    30 51.00
                  ePS    43 44.00
                  iSS    49 18.00
                  iSSS   54 05.00
UAV    139.43  84 ePKP   27 19.70    1.5
SDV    139.93  84 ePKP   27 13.50   -5.6X
PTO    140.37 334 ePKP   27 11.80   -7.1X
CRT    140.88 325 ePKP   27 16.50   -3.5X
TAF    141.80 322 iPKP   27 26.00    4.2X
                  i      27 30.00
SJG    143.13  68 ePKP   27 18.00   -6.4X
   0.8s      59.70nm
   Z  21s     2.87um              6.0Msz
CAR    143.52  81 ePKP   27 22.50   -2.8X
                  i      30 42.00
                  ePP    32 38.00
IFR    144.34 323 iPKP   27 25.00   -1.3
                  i      27 28.00
AVE    145.84 325 iPKP   27 25.50   -3.1X
                  i      27 41.50
CUM    146.23  81 ePKP   27 24.00   -5.7X
VAO    146.53 151 ePKP   27 31.80    1.7
BPA    147.36  68 ePKP   27 32.65    1.1
GUV    147.40  86 iPKPc  27 32.60    0.9
   0.8s      25.10nm
SEG    147.85  69 ePKP   27 32.82    0.6
BMA    148.06 155 ePKP   27 36.80    4.3X
BBL    148.08  71 ePKP   27 35.00    2.3X
MGG    148.14  70 ePKP   27 35.56    2.8
SFG    148.17  69 ePKP   27 35.48    2.7
MDN    148.20  71 ePKP   27 36.23    3.4X
FDF    148.56  72 ePKP   27 37.80    4.3X
BIM    148.68  73 ePKP   27 40.60    6.9X
CRM    148.78  72 ePKP   27 37.00    3.2X
MVM    148.84  72 ePKP   27 37.60    3.7X
KIC    154.63 271 ePKP   27 42.90    0.6
                  e      55 42.20
SOB1   161.23 146 ePKP   27 51.50    1.3
                  e      27 59.80
                  e      28 05.60
                  e      28 14.80
ITR    162.89 152 ePKP   27 51.80    0.0
                  e      28 43.40
MBO    164.69 302 iPKPd  27 56.40    3.0X
     S.D. = 1.1  on 269 of 359 obs.
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* SEP 10, 1985 04h 34m 57.53± 0.60s
46.653 N ±13.8km 153.255 E ± 9.1km
DEPTH = 33.0km (normal)
4.8mb (12 obs.)
KURIL ISLANDS (221)

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BJI     27.57 270 eP     40 43.50    0.2
COL     36.18  38 eP     41 59.00    0.6
LZH     37.99 272 eP     42 13.50   -0.6
INK     41.68  32 eP     42 46.00    2.0
KKN     55.59 275 eP     44 32.40   -0.1
   0.7s      12.00nm              5.0mb
PKI     55.64 275 eP     44 32.00   -1.0
   0.7s       4.00nm              4.6mb
DMN     55.83 275 eP     44 34.10   -0.1
   0.7s      14.00nm              5.1mb
PMG     56.07 187 eP     44 21.50  -14.1X
EDM     56.31  46 ePd    44 36.50   -0.6
ALOA    56.75 183 eP     44 41.50    1.0
SES     59.13  48 eP     44 56.00   -1.0
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10d 04h

SOD	59.38	339	eP	44 55.00	-3.4X	
FFC	60.75	40	eP	45 08.00	0.0	
	0.7s		4.00nm		4.7mb	
KJF	61.54	336	eP	45 13.00	-0.2	
EUR	63.14	60	IP	45 22.70	-1.8	
	0.2s		5.58nm		5.3mb	
SUF	63.14	336	iP	45 23.30	-0.5	
	0.5s		2.80nm		4.6mb	
NUR	65.34	335	eP	45 37.60	-0.5	
	0.8s		17.60nm		5.2mb	
NAO	68.63	341	P	45 57.20	-1.7	
	0.9s		5.80nm		4.7mb	
MLR	77.20	325	iPc	46 50.50	0.9	
LTX	77.46	61	IP	46 50.80	-0.5	
	0.7s		6.45nm		4.8mb	
PPN	82.07	126	eP	47 34.00	18.1X	
	1.2s		75.00nm			
LOR	82.70	340	eP	47 19.50	0.6	
AVF	83.27	340	eP	47 22.90	1.1	
	0.8s		4.70nm		4.7mb	
SMF	83.29	339	eP	47 22.90	1.0	
	1.4s		21.70nm		5.1mb	
LPG	83.61	337	eP	47 24.10	0.1	
MZF	83.99	340	eP	47 26.70	1.2	
	0.8s		5.60nm		4.8mb	
VAO	151.31	42	e(PKP)	54 41.00	-2.0X	
	S.D. = 1.0		on 23 of 27 obs.			

SEP 10, 1985 04h 35m 38.18± 1.05s
6.527 S ± 6.8km 149.922 E ± 9.3km
DEPTH = 18.5 ± 9.0 km
4.9mb (4 obs.)
NEW BRITAIN REGION (192)

BIAL	1.65	43	eP	36 05.50	-0.9	
RAB	3.22	44	e(P)	36 30.00	1.1	
ALOA	3.77	173	eP	36 35.00	-1.7	
MDG	4.31	287	eP	36 45.00	0.6	
MDM	5.12	330	eP	37 01.50	5.8X	
BGA	5.24	86	eP	37 07.00	9.4X	
WEW	6.93	295	eP	37 40.00	18.6X	
TZZ	8.75	278	e(P)	38 08.00	21.2X	
CTA	13.94	194	iPc	38 59.00	1.8	
	0.6s		6.33nm		4.6mb	
ISQ	17.32	214	eP	39 42.00	1.3	
WRA	20.17	227	eP	40 13.20	-1.4	
BRS	20.93	173	iPc	40 21.20	-1.2	
			e	42 16.00		
			e	48 01.00		
YOU	27.65	183	eP	41 27.10	0.2	
CAN	28.67	182	eP	41 35.80	-0.3	
WAM	29.64	182	eP	41 44.50	0.6	
TAU	36.31	183	eP	42 43.00	0.4	
PPI	49.77	275	ePd	44 31.50	-0.6	
	0.6s		17.90nm		5.3mb	
PSI	51.73	279	ePd	44 46.50	-0.5	
	0.7s		15.10nm		5.0mb	
SPA	83.52	180	eP	48 07.20	1.0	
	0.9s		4.55nm		4.7mb	
BRG	122.69	328	e(PKP)	54 34.00	-0.3	
			e	54 43.00		
KHC	123.87	327	iPKPc	54 36.50	-0.3	
BNG	131.57	270	iPKPc	54 51.90	-0.7	
	0.8s		7.00nm			
			id	55 00.90		
			ic	56 53.30		
IFR	144.56	323	iPKP	55 15.00	-1.0	
VAO	146.32	151	ePKP	55 20.30	1.2	
BMA	147.86	155	e(PKP)	55 26.00	4.5X	
	S.D. = 1.1		on 20 of 25 obs.			

SEP 10, 1985 04h 50m 12.17± 0.46s
13.687 N ± 3.6km 120.771 E ± 4.8km
DEPTH = 139.1 ± 4.6 km
5.0mb (17 obs.)
MINDORO, PHILIPPINE ISLANDS (250)
Felt (I RF) at Manila, Luzon.

QCP	0.99	17	iP	50 37.00	0.9	
MAN	1.01	17	iPc	50 36.00	-0.3	
			eS	50 53.00		
BAG	2.71	356	iP-	50 54.30	-1.9	
SZP	3.85	356	ePd	51 10.00	-1.0	
			eS	51 26.50		
CVP	4.12	14	ePd	51 14.50	0.0	
			eS	51 46.50		
PIP	4.61	358	iPc	51 21.00	-0.1	
CGP	6.47	143	ePc	51 48.50	2.3	
KKM	8.82	211	ePd	52 19.10	1.1	
QZH	11.38	350	eP	52 50.60	-1.1	
QIZ	11.75	298	eP	52 57.20	0.6	
SSE	17.33	1	Pc	54 07.00	0.0	
	1.0s		26.00nm		4.5mb	
WHN	17.79	342	Pd	54 13.00	0.5	
GYA	18.34	316	P	54 19.00	0.2	
NJ2	18.36	355	Pc	54 19.00	0.1	
AAI	18.77	156	eP	54 20.60	-2.7	
NST	20.06	278	eP	54 37.00	0.4	
NNT	20.52	269	eP	54 42.50	1.3	
KGM	20.79	238	IPd	54 44.90	0.9	
	0.8s		100.00nm		5.3mb	
SNG	20.84	254	eP	54 44.50	0.0	
BDT	21.27	282	eP	54 46.30	-2.5	
IPM	21.47	247	ePc	54 49.10	-1.7	
	0.7s		30.60nm		4.8mb	
			e	55 13.70		
KHT	21.53	276	eP	54 52.30	1.0	
CHG	21.56	287	IPd	54 52.60	0.9	
	1.0s		25.25nm		4.6mb	
TIA	22.67	352	eP	55 02.80	0.5	
TRT	22.73	201	iPc	55 06.20	3.1X	
	0.8s		153.20nm		5.5mb	
XAN	22.94	334	P	55 04.60	-0.4	
CD2	23.22	320	eP	55 08.40	0.7	
PJG	23.42	87	eP	55 13.20	3.5X	
GUA	23.46	87	eP	55 12.60	2.4	
MED	24.02	247	ePd	55 20.00	4.4X	
TSI	24.15	247	ePd	55 19.90	3.1X	
PSI	24.19	245	eP	55 17.40	0.2	
	0.8s		107.50nm		5.4mb	
PPI	24.60	237	ePd	55 21.90	0.9	
	1.0s		155.00nm		5.5mb	
TIY	25.05	344	Pc	55 25.00	-0.2	
BJI	26.56	352	eP	55 38.50	-0.3	
LZH	26.99	329	iPc	55 43.00	0.0	
	1.6s		258.00nm		5.6mb	
HHC	28.23	345	P	55 53.40	-0.7	
GTA	31.59	328	IPc	56 24.00	0.2	
LSA	31.67	305	eP	56 23.80	-1.2	
LAT	32.96	126	eP	56 26.00	-9.8X	
MBL	34.64	182	eP	56 48.00	-2.1	
ASPA	39.28	161	iPc	57 28.60	-0.4	
	0.7s		23.00nm		5.0mb	
MEK	40.12	183	eP	57 35.50	-0.3	
	0.7s		95.00nm		5.6mb	
HYB	40.78	281	eP	57 42.00	0.5	
WMQ	41.26	323	P	57 45.60	0.5	
CTA	41.89	143	iPd	57 51.40	0.9	
	0.9s		22.69nm		4.8mb	
GBA	42.07	275	P	57 53.00	1.0	
KOD	42.46	270	eP	57 56.00	0.4	
KLB	45.11	184	eP	58 15.00	-1.2	
NWAO	46.47	184	eP	58 26.00	-0.9	
RKG	47.62	184	eP	58 40.00	4.0X	
YOU	54.45	152	eP	59 26.60	-0.8	
CAN	55.60	152	eP	59 35.00	-0.6	
WAM	56.27	153	eP	59 39.90	-0.5	
TTA	74.84	28	eP	01 40.00	1.2	
IMA	75.79	25	iPc	01 45.30	1.0	
PME	78.17	29	eP	01 57.60	0.3	
	0.9s		25.00nm		5.0mb	
COL	78.33	26	eP	01 58.00	-0.1	
	1.0s		17.50nm		4.8mb	
			pP	02 29.30	123kmX	
FBA	78.33	26	eP	01 58.10	0.0	
	1.0s		18.80nm		4.8mb	
KEV	78.57	339	eP	01 59.00	-0.3	
AVY	78.89	247	eP	02 03.00	0.8	
KJF	79.12	334	iP	02 01.80	-0.6	
	0.7s		20.00nm		5.0mb	
SUF	80.06	332	iP	02 38.50	31.1X	
	0.4s		1.90nm			
INK	83.08	21	eP	02 23.00	-0.1	
VRI	83.09	315	ePd	02 24.50	0.9	
MBC	83.54	12	eP	02 20.00	-5.3X	
MLR	83.71	315	ePd	02 27.00	0.1	
CLO	85.96	315	ePd	02 38.50	0.6	
KRA	86.44	321	iPd	02 40.30	0.1	
			e	03 12.10		
VAY	87.12	312	eP	02 42.60	-1.0	
NAO	87.56	333	P	02 43.00	-2.4	
	0.7s		7.50nm		4.8mb	
KSP	88.41	322	eP	02 49.50	-0.1	
			ic	03 29.50		
PRU	89.76	322	eP	02 56.50	0.5	
			e	03 37.09		
BRG	89.79	323	iPc	02 57.20	1.1	
	0.9s		22.00nm		5.2mb	
KHC	90.66	321	P	03 00.60	0.4	
			e	03 41.00		
FHC	99.30	44	eP	03 50.20	10.3X	
WDC	100.38	44	ePdiff	03 40.70	-3.9X	
TUL	119.77	34	ePKP	08 47.80	0.1	
	0.8s		4.20nm			
RLO	119.99	33	ePKPd	08 48.20	0.1	
BHO	121.41	34	ePKP	08 51.20	0.4	
KIC	122.36	287	ePKP	08 52.40	-0.8	
	S.D. = 1.0		on 71 of 81 obs.			

SEP 10, 1985 04h 53m 36.50± 0.58s
4.816 S ± 3.5km 76.750 W ± 4.0km
DEPTH = 128.0 ± 5.3 km
5.0mb (41 obs.)
NORTHERN PERU (111)

QUR	4.94	339	eP	54 50.30	0.1	
			eS	55 35.50		
PSO	6.00	354	eP	54 56.50	-8.1X	
BMG	12.36	17	eP	56 31.50	2.1	
ARE	12.67	156	eP	56 34.00	0.4	
UPA	13.98	349	iPc	56 50.00	-0.3	
	0.9s		36.97nm		4.7mb	
	Z 20s		2.13um			
LPB	14.41	145	eP	56 57.00	0.9	
CNCB	14.70	145	P	57 00.00	0.1	
			(S)	00 26.00		
SDV	14.91	24	eP	57 01.70	-0.6	
CCH	16.24	141	eP	57 18.00	-1.0	
			i	57 23.00		
CAR	18.09	33	eP	57 42.10	0.8	
CUM	19.68	40	eP	57 57.20	-0.8	
TPZ	19.71	148	eP	57 59.00	0.3	
YJA	20.40	149	ePd	58 05.40	-0.5	
HJA	21.32	150	ePd	58 18.80	4.3X	
SLA	22.56	152	ePc	58 31.00	4.1X	
SJG	25.07	24	eP	58 49.00	-1.7	
SOB1	35.84	99	eP	00 24.20	-1.6	
ITR	38.24	98	eP	00 44.60	-1.4	
PRM	39.05	353	eP	00 53.00	0.6	
BLA	41.95	356	IPd	01 16.60	0.4	
	0.9s		42.02nm		5.2mb	
BHO	42.57	338	ePd	01 21.90	0.6	
LTX	42.67	324	IPd	01 23.10	0.8	
	1.0s		16.00nm		4.7mb	
RLO	44.22	339	IPd	01 34.50	-0.1	
TUL	44.27	338	eP	01 35.30	0.3	
	0.9s		36.70nm		5.1mb	
			e	01 54.30		
FVM	44.44	345	eP	01 35.20	-1.1	
	0.9s		31.36nm		5.0mb	
ALQ	48.43	327	eP	02 08.30	0.3	
	0.9s		41.81nm		5.2mb	
			e	02 32.00		
RSNY	49.18	2	eP	02 13.50	0.2	
	1.2s		37.24nm		5.1mb	
OTT	49.99	1	eP	02 19.50	0.1	
	1.0s		73.00nm		5.5mb	
MNT	50.17	3	IPd	02 21.00	0.2	
	0.8s		35.00nm		5.3mb	
			pP	02 50.50	127kmX	
GLD	51.52	332	eP	02 32.00	0.6	
	1.3s		34.48nm		5.1mb	
GOL	51.55	332	eP	02 31.20	-0.6	
	0.7s		7.28nm		4.6mb	
GLA	52.15	319	eP	02 36.00	-0.1	
BAR	53.15	317	eP	02 42.00	-1.4	
TPC	53.61	319	eP	02 47.00	0.2	
PLM	53.68	318	eP	02 48.00	0.5	
RVR	54.41	318	eP	02 53.00	0.4	
RSSD	54.55	336	eP	02 54.10	0.3	
	1.0s		31.50nm		5.2mb	
GSC	54.84	320	eP	02 56.00	0.2	
MWC	55.00	318	eP	02 58.00	0.9	
PAS	55.03	318	eP	02 58.00	0.9	
SBB	55.12	319	eP	02 58.00	0.1	
BDW	55.93	331	IP	03 03.00	-0.8	
	1.2s		23.48nm		5.0mb	
ISA	56.13	319	eP	03 01.00	-4.1X	
RSON	57.34	347	iP	03 11.40	-1.9	
	0.8s		28.17nm		5.3mb	
MNA	57.63	322	ePd	03 16.00	0.3	

FRI	57.73	320	ePg	03 15.00	-1.2
PRI	57.85	318	ePg	03 17.10	-0.2
LLA	58.31	319	ePg	03 19.80	-0.5
BMN	58.35	324	iP	03 20.80	0.1
PRS	58.43	318	ePg	03 20.90	-0.2
JAS1	58.74	320	ePg	03 22.80	-0.5
ARN	59.12	319	ePg	03 26.10	0.2
MHC	59.18	319	ePg	03 26.30	-0.2
GCC	59.24	319	ePg	03 26.60	-0.1
LRM	59.58	332	ePg	03 28.90	-0.3
SCH	60.00	7	ePd	03 31.00	-0.6
ORV	60.38	321	iPd	03 34.70	0.3
			e	03 59.30	
			e	04 04.20	
MIN	60.91	322	ePg	03 37.10	-1.2
SES	62.43	336	ePd	03 47.40	-0.7
FFC	62.93	344	iPc	03 50.30	-1.0
	0.8s		10.00nm	4.8mb	
NEW	63.56	331	iPc	03 55.20	-0.3
PNT	65.49	331	ePd	04 08.00	0.1
	1.0s		36.00nm	5.3mb	
EDM	65.52	337	iPd	04 07.00	-1.1
FRB	68.66	4	ePg	04 27.00	-0.5
KIC	72.74	82	ePg	04 52.00	-1.1
			e	05 17.00	
IFR	77.49	54	iP	05 21.00	1.1
TOL	79.94	48	iP	05 33.00	0.1
INK	82.78	342	iPd	05 47.20	0.1
	0.9s		34.00nm	5.2mb	
EPF	83.88	46	ePg	05 53.90	0.6
	1.0s		22.00nm	5.0mb	
LPF	84.07	41	ePg	05 54.10	0.1
	0.9s		15.10nm	4.9mb	
GRR	84.27	41	ePg	05 55.40	0.4
	0.9s		17.00nm	4.9mb	
MFF	84.33	42	ePg	05 55.70	0.3
	0.8s		16.10nm	4.9mb	
MLS	84.40	46	ePg	05 56.80	1.0
LFF	84.57	44	ePg	05 56.90	0.3
	0.8s		29.40nm	5.2mb	
MBC	84.57	351	ePg	05 56.00	0.0
	0.8s		29.00nm	5.2mb	
FLN	84.61	40	ePg	05 57.20	0.5
	0.8s		23.50nm	5.1mb	
EKA	84.70	33	P	05 57.00	0.0
	0.7s		6.90nm	4.6mb	
LOF	84.80	40	ePg	05 58.00	0.3
	0.8s		18.80nm	5.0mb	
LPO	84.83	44	ePg	05 58.20	0.3
	0.8s		24.10nm	5.1mb	
RJF	85.18	44	ePg	05 59.80	0.1
	1.0s		20.00nm	5.0mb	
LSF	85.39	43	ePg	06 00.50	-0.2
	1.0s		11.80nm	4.7mb	
CAF	85.49	44	ePg	06 01.30	0.0
	0.8s		8.50nm	4.7mb	
PME	85.89	333	ePg	06 03.10	0.3
	1.0s		20.00nm	5.0mb	
MZF	86.10	43	ePg	06 03.90	-0.3
	1.0s		14.20nm	4.8mb	
BGF	86.34	43	ePg	06 05.40	0.0
	1.0s		10.30nm	4.7mb	
COL	86.41	336	ePg	06 05.70	0.4
FBA	86.41	336	ePg	06 05.60	0.3
	0.8s		10.30nm	4.8mb	
GRC	86.63	42	iPc	06 06.80	0.1
AVF	86.73	43	ePg	06 06.70	-0.5
	0.8s		4.70nm	4.5mb	
SMF	87.03	43	ePg	06 08.40	-0.3
	0.8s		3.20nm	4.3mb	
LOR	87.15	42	ePg	06 08.70	-0.6
ALE	87.47	2	ePg	06 10.00	-0.1
	0.8s		15.00nm	5.0mb	
DAG	87.68	11	iPc	06 11.00	-0.2
	0.4s		42.37nm	5.8mb	
OOU	88.12	40	P	06 14.10	0.3
LPG	88.85	44	ePg	06 18.30	0.5
	0.8s		8.00nm	4.8mb	
WLF	89.05	40	Pc	06 18.90	0.7
ENN	89.07	39	iPc	06 19.10	0.8
	0.8s		1.00nm	3.9mb X	
CDF	89.60	42	ePg	06 20.80	-0.2
	0.8s		8.00nm	4.8mb	
WTS	89.80	38	iPc	06 22.80	1.2
	0.9s		24.00nm	5.3mb	
BRG	94.14	39	e(P)	06 35.00	-6.7X
WRA	140.76	230	ePKP	12 51.10	-2.6X
GTA	145.42	5	iPKPd	13 01.20	-0.2
NDI	145.75	43	ePKP	13 02.80	0.7
TIY	146.20	347	ePKP	13 03.20	0.6
KNA	147.51	231	ePKP	13 07.70	2.5X
POO	148.22	62	iPKPd	13 10.20	3.9X
LZH	148.88	359	ePKP	13 08.50	1.4
SSE	148.89	329	iPKPc	13 11.00	4.0X
	1.0s		53.00nm		
NJ2	149.21	333	PKPc	13 11.30	3.8X
XAN	150.45	350	PKPc	13 10.00	0.6
KKN	151.46	35	iPKP	13 11.70	0.4
	1.0s		26.00nm		
DMN	151.50	35	iPKP	13 11.90	0.5
	0.4s		8.00nm		
PKI	151.70	35	iPKP	13 12.20	0.4
	0.9s		11.00nm		
HYB	152.77	61	ePKP	13 12.50	-0.7
GBA	153.09	69	PKP	13 13.00	-0.6
	S.D. = 0.7		on 105 of 115 obs.		

* SEP 10, 1985 05h 11m 03.95± 0.69s
6.584 S ± 9.9km 150.162 E ±10.6km
DEPTH = 33.0km (normal)
5.1mb (2 obs.)
NEW BRITAIN REGION (192)

RAB	3.11	40	eP	11 51.50	-0.3
LAT	3.14	269	eP	11 51.00	-1.3
ALOA	3.70	177	eP	12 00.50	0.4
PMG	4.09	227	eP	12 08.00	2.2X
MDG	4.56	287	eP	12 14.00	1.6
TZZ	8.99	278	eP	13 25.00	10.4X
CTA	13.95	195	iPc	14 31.70	10.1X
	1.3s		49.04nm		
ISQ	17.41	215	eP	15 08.00	1.9
WRA	20.31	228	iPc	15 38.20	-1.8
BRS	20.84	173	eP	15 43.00	-2.5
ASPA	23.08	221	eP	16 07.00	-0.9
	1.0s		162.00nm	5.5mb	
			e(S)	20 18.00	
YOU	27.61	183	eP	16 51.50	1.1
CAN	28.62	182	eP	17 00.80	1.3
KLB	39.18	226	eP	18 29.40	-1.3
MUN	40.50	227	eP	18 42.00	0.4
PPI	50.01	275	eP	19 52.50	-5.2X
SPA	83.46	180	eP	23 31.00	1.5
	1.0s		5.50nm	4.6mb	
BRG	122.86	329	ePKP	29 58.20	0.0
	1.1s		16.00nm		
KHC	124.05	327	ePKP	30 00.90	0.2
TPZ	135.10	129	PKP	30 20.50	-2.6X
CNCB	135.70	122	ePKP	30 23.00	-1.5
LPB	135.73	122	ePKP	30 18.00	-6.4X
ZOBO	135.83	121	(PKP)	30 26.00	1.2
CCH	136.95	124	ePKP	30 29.00	2.4X
IFR	144.74	323	iPKP	30 37.00	-2.9X
KIC	155.06	271	ePKP	31 04.50	8.7X
	S.D. = 1.4		on 17 of 26 obs.		

SEP 10, 1985 05h 45m 10.50± 0.91s
6.567 S ± 6.7km 150.071 E ± 7.5km
DEPTH = 33.0 ± 9.1 km
5.1mb (5 obs.)
NEW BRITAIN REGION (192)

BIAL	1.58	38	eP	45 35.00	-1.6
LAT	3.05	268	eP	46 57.00	59.4X
RAB	3.15	42	eP	45 58.50	-0.5
ALOA	3.72	175	eP	46 05.00	-2.0
PMG	4.04	225	eP	46 13.00	1.4
MDG	4.46	287	eP	46 20.00	2.3
BGA	5.09	86	eP	46 31.00	4.3X
			eS	47 41.00	
MOM	5.22	329	eP	46 33.00	4.6X
PAA	5.39	87	eP	46 36.00	5.2X
			eS	47 36.00	
WEW	7.08	295	e(P)	46 55.00	0.5
TZZ	8.90	278	eP	47 25.00	5.1X
JAY	10.17	293	ePc	47 40.50	3.2X
CTA	13.94	195	iPd	48 29.10	1.0
	1.5s		34.72nm	4.9mb	
ISQ	17.37	215	eP	49 13.00	0.9
KOU	19.58	137	iPc	49 39.70	0.8
MTN	19.68	250	eP	49 38.00	-2.0
WRA	20.25	227	eP	49 45.20	-0.8
GUA	20.62	346	eP	49 56.50	6.7X
BRS	20.87	173	eP	49 51.00	-1.3
NOU	22.24	136	iPc	50 08.50	2.4
KNA	22.79	245	eP	50 12.00	0.5
	0.7s		61.00nm	5.2mb	
ASPA	23.04	221	eP	50 15.00	1.0
	0.7s		107.00nm	5.5mb	
			e(S)	54 25.00	
COO	23.95	176	eP	50 24.00	1.2
YOU	27.62	183	eP	50 57.00	-0.1
CAN	28.63	182	eP	51 06.30	0.1
WAM	29.51	182	eP	51 12.80	-1.2
TAU	36.28	183	eP	52 10.00	-2.7
KLB	39.12	226	eP	52 36.30	-0.5
	0.8s		29.00nm	5.1mb	
RKG	41.01	224	eP	52 55.00	2.7X
	0.6s		14.00nm	4.9mb	
PPI	49.92	275	eP	54 02.50	-1.1
IPM	50.20	281	ePd	54 03.40	-2.3
PSI	51.88	279	eP	54 18.00	-0.4
SHL	64.90	302	iP	56 05.20	15.7X
SPA	83.48	180	eP	57 37.00	0.9
COL	84.53	22	e(P)	57 43.60	2.4
MWC	95.19	56	eP	58 42.00	9.5X
SBB	95.42	56	eP	58 41.00	7.6X
CLC	95.68	55	eP	58 36.00	1.4
KHC	123.99	327	PKP	04 06.60	-0.5
HAU	128.47	330	ePKP	04 15.30	-0.5
LPG	129.88	327	ePKP	04 17.90	-1.0
	0.6s		3.60nm		
SSF	130.52	330	ePKP	04 22.70	3.0X
BGF	131.20	330	ePKP	04 21.30	0.3
	0.8s		3.80nm		
TCF	131.70	330	ePKP	04 22.40	0.4
	0.7s		2.00nm		
BNG	131.72	270	iPKPd	04 22.20	-0.8
	0.6s		7.00nm		
			id	04 22.90	
			id	04 29.20	
VAO	146.22	151	ePKP	04 50.50	1.5
BMA	147.76	155	e(PKP)	05 03.00	11.5X
KIC	154.97	271	ePKP	05 11.80	9.6X
	S.D. = 1.4		on 34 of 48 obs.		

* SEP 10, 1985 05h 45m 46.20± 1.99s
42.486 N ± 6.6km 18.450 E ±16.3km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.8 (BRY), 2.6 (TTG), 2.6 (PVY).

HCY	0.05	137	iPgc	45 48.30	-0.1
BDV	0.35	126	iPg	45 53.60	0.3
			iSg	45 58.50	
BRY	0.42	9	iPg	45 55.00	0.2
			iSg	46 02.00	
NKY	0.52	51	ePg	45 56.00	-0.8
			eSg	46 03.50	
TTG	0.60	95	iPg	45 57.80	-0.6
			iSg	46 06.30	
ULC	0.79	131	ePg	46 01.00	-0.6
			eSg	46 13.50	
PVY	1.13	84	ePg	46 08.50	1.0
			eSg	46 26.00	
OHR	2.23	127	ePn	46 32.10	8.3X
SKO	2.28	102	ePn	46 25.00	0.5
	S.D. = 0.7		on 8 of 9 obs.		

% SEP 10, 1985 06h 17m 49.49± 1.47s
46.370 N ±12.1km 27.507 E ±11.2km
DEPTH = 27.4 ± 9.5 km
ROMANIA (358)

PPE	0.17	154	iPd	17 54.50	-0.6
CLI	0.24	319	iPc	17 56.00	0.1
VRI	0.74	228	iPc	18 03.00	-0.7
BRD	0.91	201	iPc	18 06.50	0.1
CFR	1.27	159	iPc	18 11.00	-0.4
MLR	1.40	232	iPd	18 14.00	0.5
TLB	1.82	168	iPc	18 20.50	1.1
	S.D. = 0.9		on 7 of 7 obs.		

SEP 10, 1985 06h 39m 01.74± 0.10s
27.208 N ± 2.3km 139.848 E ± 2.4km
DEPTH = 501.0km (27 depth phases)
5.8mb (103 obs.)
BONIN ISLANDS REGION (212)
mb 6.1 (PAS), 5.6 (BRK). Felt (III JMA) on Chichi-shima. Felt

10d 06h

(I JMA) at Mito and Utsunomiya, Honshu.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=342 Dip=77 Slip= -45
NP2: 85 46 -162
Principal Axes:
T Plg=19 Azm= 40
P 40 293
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a large normal component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 497 No. of sta: 11
Moment Tensor; Scale 10**25 d-cm
Mrr=-1.47 Mtt= 1.97
Mff=-0.50 Mrt= 0.70
Mrf=-2.40 Mtf=-3.28
Principal axes:
T Val= 4.86 Plg=18 Azm= 38
N -0.89 47 149
P -3.98 37 294
Best Double Couple:Mo=4.4*10**25
NP1:Strike= 83 Dip=50 Slip=-164
NP2: 343 78 -41
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 36C
Centroid Location:
Origin Time 06:39: 6.3 0.2
Lat 27.14N 0.01 Lon 139.91E 0.03
Dep 496.9 1.1 Half-duration 5.8
Moment Tensor; Scale 10**25 D-CM
Mrr=-2.90 0.07 Mtt= 2.69 0.10
Mff= 0.22 0.13 Mrt= 1.40 0.11
Mrf=-2.99 0.10 Mtf=-1.50 0.10
Principal Axes:
T Val= 4.41 Plg=21 Azm= 35
N 0.33 20 133
P -4.75 60 263
Best Double Couple:Mo=4.6*10**25
NP1:Strike= 93 Dip=30 Slip=-135
NP2: 321 69 -68

KYS	7.97	2	eP	40	58.70	-0.2
OYM	8.20	357	eP	41	01.00	-0.4
SRY	8.39	357	eP	41	02.50	-0.8
DDR	8.78	357	eP	41	06.90	-0.6
			e	42	46.00	
TSK	8.98	1	iPc	41	08.40	-1.1
MIT	9.16	3	Pc	41	12.10	0.7
			S	42	55.60	
MIT	9.16	3	Pc	41	12.10	0.7
			S	42	55.60	
MAT	9.41	352	eP	41	14.00	-0.1
			eS	42	44.00	
SHK	9.55	322	iPd	41	17.80	2.2
			eS	43	07.40	
GUMO	14.34	160	eP	42	06.50	0.9
	0.8s	966.33nm			6.4mb	
			eS	44	37.00	
PJG	14.34	168	eP	42	06.60	1.0
GUA	14.40	160	eP+	42	07.30	1.1
SAP	15.86	4	iP	42	22.10	1.4
			iS	45	09.50	
			iScS	53	15.00	
ANP	16.58	267	iP-	42	30.00	2.0
			iS	45	18.00	
TATO	16.64	266	eP	42	28.90	0.3
SSE	16.75	288	iPd	42	29.50	-0.1
N	12s	6.20um				
E	12s	3.80um				
			sP	44	28.00	
			iS	45	18.00	
			ScP	49	36.00	
			ScS	53	14.00	
NJ2	18.87	290	iPd	42	51.00	0.8
			pP	44	04.00	
			S	45	56.00	
			ScP	49	41.90	
CVP	19.14	244	ePd	42	53.50	0.7
			eS	43	11.00	
DL2	19.18	312	P	42	54.00	0.9
MDJ	19.23	337	Pd	42	55.80	2.3
			sP	45	04.00	
			iS	46	04.00	
			ScP	49	42.00	
			ScS	53	20.80	
OZH	19.23	268	iPd	42	55.00	1.4
			eS	46	00.00	
SNY	19.76	322	iPd	42	58.90	0.3
			sP	45	10.00	
			iS	46	08.00	
			ScS	53	25.00	
PIP	19.79	248	ePc	42	55.00	-4.1X
			eS	43	03.00	
CN2	20.24	329	Pd	43	03.00	-0.1
			isP	45	15.00	
			iPcP	45	56.00	
			S	46	17.00	
			iScP	49	41.60	
			iScS	53	26.00	
SZP	20.32	246	ePd	43	06.00	2.0
			eS	46	21.00	
BAG	20.84	243	eP	43	08.00	-1.1
			e	45	20.00	
			e	46	26.00	
TIA	21.28	301	Pd	43	13.40	0.6
			sP	45	29.00	
			S	46	35.00	
			ScP	49	45.70	
			ScS	53	30.90	
MAN	21.49	238	eP	43	16.00	1.2
OCP	21.50	238	eP	43	16.00	1.0
WHN	22.56	285	iPd	43	25.50	0.9
			eP	45	43.00	
BJI	23.42	309	Pd-	43	31.50	-0.8
			pP	45	51.00	
			eS	47	07.00	
			ScP	49	50.00	
			ScS	53	37.00	
CGP	23.53	220	iPc	43	32.20	-1.3
			iS	43	44.50	
HKC	23.80	264	eP	43	38.00	2.1
			isP	45	57.00	
			iS	47	19.00	
DAV	24.17	217	eP	43	40.00	0.8
			eS	46	00.00	
GZH	24.32	266	Pd	43	41.00	0.4
MCO	24.40	264	iP	43	42.60	1.3
TIY	25.31	301	iPd	43	49.60	0.2
PPR	26.41	233	eP	44	01.50	2.3
HHC	26.97	308	iPd	44	04.00	-0.1
			sP	46	26.00	
			S	48	08.00	
XAN	27.40	292	iPd	44	07.50	-0.4
			sP	46	30.00	
			PcP	47	10.00	
			S	48	16.00	
			ScP	50	02.00	
			PcS	50	48.00	
			ScS	53	51.00	
BTO	27.98	306	P	44	12.80	-0.1
OIZ	28.72	260	iPd	44	21.40	2.0
			sP	46	44.00	
			iS	48	32.00	
			ScP	50	10.00	
GYA	29.58	276	Pd	44	28.00	1.1
			pP	45	56.00	
			sP	46	55.00	
			S	48	45.00	
			ScP	50	12.00	
			PcS	51	02.00	
			ScS	54	08.00	
MOM	29.98	165	eP	44	30.00	-0.2
KKM	30.80	231	ePd	44	38.30	0.9
	0.6s	319.80nm			6.0mb	
			e	45	53.00	405kmX
CD2	31.68	285	iPd	44	45.40	0.6
			iS	49	18.00	
LZH	31.76	295	iPd	44	46.20	0.7
	1.6s	1690.00nm			6.3mb	
			pP	45	14.50	130kmX
			sP	47	13.00	
			S	49	08.00	
			iScS	54	20.00	
TZZ	32.31	177	eP	44	50.00	-0.2
MDG	32.77	169	eP	44	55.00	1.1
KMI	33.29	275	iPd-	44	59.50	0.9
	7.0s	4.20nm			3.1mb X	
			pP	46	29.00	511km
			S	49	40.00	
			ScP	50	26.00	
			SS	52	29.00	
LAT	34.36	167	eP	45	08.00	0.7
GTA	35.33	300	iPd	45	16.00	0.5
			PP	46	54.00	
			PcP	47	34.50	
			S	50	12.00	
			ScP	50	32.70	
			ScS	54	33.40	
SMY	36.03	36	ePc	45	22.20	1.3
PMG	37.08	168	eP	45	27.00	-2.8
CHG	38.43	266	iPd-	45	42.00	1.0
	1.3s	456.73nm			5.8mb	
			eS	51	04.00	
NST	38.55	261	iPd	45	43.00	1.0
ALOA	38.66	163	eP	45	45.00	2.3
BDT	38.94	264	iPd	45	43.00	-2.1
	0.6s	367.90nm			6.1mb	
NNT	40.23	257	ePd	45	57.90	2.3
KHT	40.27	261	ePd	45	57.40	1.4
			e	50	51.40	
KUPT	40.34	205	ePc	46	00.70	4.3X
			e(S)	51	31.50	
MTN	40.70	193	eP	45	58.00	-1.3
ADK	40.75	41	iPc	45	59.20	-0.2
SVO	41.00	149	eP	46	03.00	1.2
			eS	47	37.00	
SNG	42.19	249	iPd	46	12.50	1.3
	1.0s	560.00nm			6.0mb	
			i	50	56.00	
LSA	42.64	285	iPd	46	15.80	0.5
			iS	52	03.00	
SHL	42.79	279	iP	46	16.00	-0.2
			iS	52	05.00	
KGM	43.02	241	ePd	46	19.00	1.1
	1.2s	249.40nm			5.6mb	
			e	47	03.20	206kmX
			e	47	53.20	
IPM	43.30	246	ePd	46	18.80	-1.3
	0.6s	265.70nm			5.9mb	
			e	47	56.30	533kmX
			e	49	14.90	
TRT	43.58	221	iPd	46	21.20	-1.0
	0.8s	145.90nm			5.6mb	
KNA	44.03	195	eP	46	25.00	-0.7
WMO	44.82	306	iPc	46	32.50	0.7
			pP	48	06.00	498km
			PP	48	29.00	
			sP	49	06.00	
			S	52	32.00	
			ScS	55	30.00	
MED	45.80	246	ePd	46	43.00	3.5X
TSI	45.93	246	ePd	46	42.70	2.2
	0.6s	401.90nm			6.1mb	
PSI	46.10	245	iPd	46	41.80	0.0
PPI	46.84	241	ePc	46	48.20	0.7
	0.7s	94.40nm			5.4mb	
WRA	47.17	187	eP	46	48.00	-1.9
			iPcP	48	40.80	
			eScP	51	16.00	
			eS	52	51.20	
CTA	47.42	172	iPd	46	51.00	-0.8
	1.0s	405.00nm			5.9mb	
			i	47	10.00	77kmX
			i	48	14.20	
			i	49	18.00	
			iS	53	03.00	
			i(SS)	55	54.00	
BSI	47.54	251	ePd	46	55.60	2.8X
ISO	47.64	180	iPc	46	53.00	-0.4
			eS	53	10.00	
PKI	48.00	284	iPd	46	57.00	0.4
KKN	48.06	284	iPd	46	57.60	0.6
DMN	48.25	284	iPd	46	59.20	0.7
BOK	48.58	279	iP	47	01.00	0.3
			iS	51	24.00	
VAR	50.63	281	eP	47	16.00	0.2
			eS	53	55.00	
ASPA	50.90	187	eP	47	16.00	-1.7
			e(S)	53	53.00	
SDN	50.93	39	iPc	47	16.00	-1.5
MBL	51.84	204	eP	47	23.00	-1.6
KOU	53.06	151	iPc	47	34.40	1.0
KSH	53.73	300	iPd	47	40.00	1.7
			S	54	40.00	
			ScS	56	35.00	
TTA	54.40	30	iPc	47	42.20	-0.4

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NDI	54.77	287	iPd	47	45.00	-0.6				S	58	45.00							iS	59	37.00		
	1.0s		97.00nm			5.1mb	MCW	74.61	43	P	49	50.90	0.6	GCC	80.12	54	eP	50	20.50	0.4
			ePP	48	42.00		KJF	74.81	335	iP	49	51.00	0.0				esP	52	11.00	
			iS	54	47.50			0.8s		198.00nm			5.7mb	MHC	80.23	53	ePc	50	21.10	0.2
			eSS	56	40.00			Z 16s		2.30um			5.6MszX				esP	52	12.00	
NOU	55.54	150	iPc	47	49.90	-1.0				epP	51	32.00	462kmX				ePP	53	32.00	
KDC	55.57	37	iPc	47	49.50	-1.2				esP	52	40.00		ARN	80.31	53	eP	50	21.10	-0.1
BRS	55.69	166	eP	47	51.00	-0.9				esPP	55	12.00					pP	52	10.00	496km	
IMA	55.93	27	iPc	47	54.10	0.8				eS	58	44.00		SES	80.63	38	iPc	50	22.40	-0.2
BRW	56.01	20	iPc	47	53.90	0.3				esS	01	56.00			0.6s		430.00nm			6.1mb	
OPA	56.35	81	P	47	56.50	-0.1				esSP	02	32.00					pP	52	11.00	494km	
HON	56.47	81	P	47	58.30	0.8				eSS	03	20.00		SAO	80.63	54	eP	50	23.00	0.2
HYB	57.07	274	iPd	48	01.50	-0.2				eSSS	07	20.00		SLD	80.65	53	P	50	23.40	0.5
	1.0s		550.00nm			5.8mb				LR	24	30.00		WCN	80.66	51	P	50	24.00	0.9
MEK	57.30	203	eP	48	02.00	-1.0	SHI	74.93	296	eP	49	51.00	-1.6	JAS1	80.83	52	iPc	50	23.80	0.0
PMR	57.46	32	iPc	48	02.30	-1.4	GMW	75.10	44	P	49	53.90	0.9				iPcP	50	31.90	67kmX	
	1.0s		1600.00nm			6.3mb	MNG	75.16	153	P	49	52.10	-1.2				e	50	42.10		
	Z 20s		8.00um			5.8Msz				PP	51	48.00					esP	52	12.30		
COL	58.23	29	iPc	48	07.70	-1.3				ScS	58	48.90					ePP	53	36.30		
	1.2s		817.97nm			6.0mb	TCW	75.18	154	P	49	52.00	-1.3				e	59	54.00		
	Z 20s		3.19um			5.4Msz				e	59	26.00					eP'P'	17	01.00		
			iS	55	32.00		BFW	75.26	45	P	49	54.50	0.5				eSKPP'	19	41.00		
			i	57	07.00		DAG	75.43	355	iPd	49	53.80	-0.5	PRS	80.88	54	ePc	50	24.40	0.3
FBA	58.23	29	ePc	48	08.00	-1.0		0.4s		50.85nm			5.4mb				e	50	42.50	66kmX	
	1.1s		725.00nm			5.9mb	WEL	75.44	154	P	49	54.00	-0.7				esP	52	13.50		
COO	58.60	168	eP	48	11.00	-0.8	MSZ	75.99	160	P	49	58.00	0.3	LLA	81.06	54	ePc	50	25.40	0.4
	0.8s		284.00nm			5.7mb	SHW	76.00	45	P	49	59.30	1.1				esP	52	14.40		
			e	48	58.00	206kmX	SUF	76.19	334	iP	49	58.40	-0.3	UPP	81.20	334	iPd	50	24.20	-1.0
CMS	58.64	174	eP	48	11.00	-1.0		0.6s		210.80nm			5.8mb		0.8s		500.00nm			6.1mb	
STK	58.78	178	eP	48	11.00	-2.0	PNT	76.27	41	iP	49	59.00	-0.4	AFR	81.42	115	eP	50	29.00	2.0
GBA	59.51	270	P	48	17.80	-0.5		1.0s		665.00nm			6.1mb		0.8s		30.00nm			4.9mb	
KLG	60.28	198	eP	48	21.50	-1.5	FHC	77.09	51	ePc	50	04.90	0.8	PRI	81.48	54	ePc	50	27.90	0.6
POO	60.83	277	iP	48	27.00	0.0	EDM	77.96	36	iPc	50	08.50	0.0				esP	52	19.50		
KOD	60.88	267	iPd	48	27.20	-0.5		1.0s		1090.00nm			6.2mb				ePP	53	53.00		
	1.0s		632.00nm			6.0mb	NUR	78.02	333	iP	50	08.00	-0.6				eSKPP'	19	40.00		
			eS	54	44.00			0.8s		237.60nm			5.7mb	PMO	81.64	112	iP	50	31.80	3.6X
BAL	61.60	203	eP	48	30.50	-1.1		Z 16s		3.00um			5.7MszX		0.8s		45.00nm			5.1mb	
	0.3s		56.00nm			5.5mb				epP	51	56.00	495km	FRI	81.77	53	iPc	50	28.70	0.1
BOM	61.61	278	iP	48	33.00	1.0				esPP	55	42.00					e	50	46.60	65kmX	
YOU	61.68	172	eP	48	31.50	-0.6				e	57	32.00					esP	52	18.80		
KLB	62.15	201	eP	48	34.40	-0.8				eS	59	18.00					ePP	52	43.00		
BCPM	62.17	34	ePc	48	34.80	-0.3				esS	02	28.00					eSKPP'	19	38.00		
CAN	62.79	172	eP	48	38.50	-0.8				eSS	04	20.00		PHAM	81.81	54	P	50	29.80	0.9
			i	48	46.60	26kmX				LR	24	36.00		BMN	81.86	49	iP	50	29.80	0.6
QUE	62.98	292	iPd	48	40.90	0.0	WDC	78.18	50	iPc	50	09.90	0.0				pP	52	18.70	493km	
			eS	56	32.00					esP	51	58.00		TPT	81.86	111	iP	50	32.60	3.3X
MUN	63.02	202	eP	48	40.00	-0.8				ePP	52	16.30			0.8s		50.00nm			5.1mb	
	0.9s		145.00nm			5.5mb				eSKPP'	19	47.00		TVO	81.97	115	eP	50	33.00	3.1X
NWAO	63.55	201	eP	48	43.00	-1.1	NEW	78.22	42	iP	50	10.30	0.3		0.8s		45.00nm			5.1mb	
	0.4s		108.00nm			5.8mb		0.9s		440.00nm			5.9mb	BUT	82.03	42	ePc	50	31.30	1.3
WAM	63.63	172	eP	48	44.60	0.0				e	50	28.00	64kmX	HRY	82.11	41	iPc	50	30.90	0.6
INK	63.79	24	iPc	48	44.10	-1.2	LMHM	78.35	49	P	50	11.60	0.5	RUV	82.16	111	iP	50	34.00	3.2X
	0.8s		290.00nm			5.9mb	GAS	78.46	51	P	50	12.60	1.0		0.8s		35.00nm			4.9mb	
BFD	64.09	178	eP	48	46.00	-1.5	YKM	78.76	41	iPc	50	13.70	0.7	MNA	82.17	51	ePc	50	31.20	0.3
	1.0s		452.00nm			6.1mb	NWRM	78.86	53	P	50	13.90	0.4				ePP	53	49.00		
TOO	64.65	175	eP	48	50.00	-1.1	MIN	78.92	50	iPc	50	13.40	-0.6				e	00	06.00		
	0.7s		275.00nm			6.0mb	RXF	79.10	41	eP	50	15.50	0.8				eP'P'	16	58.00		
RKG	64.68	201	eP	48	54.00	2.7X	LHD	79.14	41	iPc	50	15.80	0.9				eSKPP'	19	38.00		
	0.6s		133.00nm			5.9mb	LDM	79.19	41	iPc	50	15.90	0.8	LRM	82.20	42	ePc	50	31.40	0.4
MBC	66.32	15	iPc	49	00.20	-0.9	ORV	79.35	51	iPc	50	15.80	-0.3	BLP	82.40	55	P	50	32.60	0.8
MHI	67.13	300	eP	49	08.00	1.2	MSL	79.35	305	eP	50	16.00	-0.2	CCMT	82.41	43	eP	50	32.10	0.1
CRZ	68.74	151	P	49	18.80	2.5				eS	59	32.00		LCCM	82.53	42	ePc	50	32.90	0.4
ALE	69.97	3	iPd	49	23.30	0.2	CLX	79.42	41	iPc	50	17.00	0.5	SYP	82.72	55	eP	50	34.00	0.4
	1.2s		246.00nm			5.6mb	BRK	79.56	53	ePc	50	17.30	0.2				e	52	23.00	492km	
KBS	70.11	351	iPd	49	28.00	4.1X				ePcP	50	23.80		FFC	82.73	31	iPc	50	33.20	0.1
			eS	57	58.00					esP	52	06.00			1.0s		503.00nm			6.0mb	
TAU	70.11	174	iPd	49	24.90	0.7	BKS	79.57	53	ePc	50	17.70	0.4	SXM	82.77	42	ePc	50	34.20	0.5
PHC	71.09	42	eP	49	29.50	-0.5		0.8s		94.00nm			5.3mb	HPI	82.89	44	P	50	34.90	0.4
	0.8s		358.00nm			6.0mb				i	50	19.80		RTB	82.95	303	iPc	50	24.50	-10.2X
KEV	72.18	340	iP	49	36.20	0.1				iPcPc	50	36.00					iPcP	50	30.50		
	0.7s		200.20nm			5.8mb				esP	52	06.00					eSKS	00	09.00		
	Z 16s		4.40um			5.8MszX				ePP	53	24.00					eScS	00	15.00		
			epP	51	20.00	462kmX				epPP	54	12.00	7kmX	NAO	83.01	337	P	50	32.20	-2.2
			eS	58	16.00					ePPP	55	25.00		EUR	83.16	49	iP	50	36.10	0.2
			esS	01	30.00					iSd	59	37.00			0.2s		84.29nm			5.9mb	
			eSSS	06	40.00					eScS	59	59.00		CWC	83.18	53	eP	50	37.00	1.1
			LR	26	20.00					eSP	00	18.00					e	53	26.00		
KRP	72.92	151	P	49	41.20	0.5				ePS	00	19.00		WKTM	83.23	53	P	50	35.60	-0.5
			pP	51	35.00	538kmX				esPS	02	45.00		ISA	83.27	53	eP	50	36.00	-0.3
YKA	73.02	28	eP	49	42.20	1.2				esSP	02	48.00		VPEM	83.60	53	P	50	38.40	0.4
YKC	73.09	28	eP	49	40.00	-1.4				e	03	38.00		CLC	83.82	53	iP+	50	39.00	0.0
	0.6s		360.00nm			6.1mb				eLg	11	19.00		TMI	83.84	44	P	50	40.40	1.2
SOD	73.53	338	iP	49	43.70	-0.2				eP'P'	17	55.00		IMW	84.13	43	P	50	42.00	1.3
PGC	74.25	43	eP	49	49.00	0.8	PCC	79.64	53	ePc	50	17.40	-0.2	SBB	84.21	54	iP+	50	41.00	0.0
	1.0s		629.00nm			6.1mb				esP	52	08.00					e	52	32.00	501km	
TRO	74.59	342	iPd	49	49.00	-0.7	BHD	79.79	302	iPc	50	19.00	0.6	PAS	84.22	55	iP	50	40.00	-0.9
GNZ	74.61	150	P	49	49.00	-1.2				e	52	09.00	503km				epP	52	29.00	490kmX	

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ePP 54 16 00
iS 00 13.00
eSP 01 16.00
esS 03 40.00
esP 04 12.00
eLg 12 26.00
MWC 84.26 55 eP 50 41.00 -0.4
e 52 32.00 501km
HYA 84.28 339 iP 50 40.50 -0.2
KONO 84.29 337 eP 50 41.00 0.2
GSC 84.64 53 eP 50 43.00 -0.1
e 52 34.00 500km
e 54 08 00
PPE 84.65 320 iPc 50 43.00 0.2
CLI 84.65 320 iPd 50 43.00 0.2
NOP 84.69 52 P 50 43.70 0.4
SDW 84.78 54 P 50 43.80 -0.1
SUE 84.81 340 iP 50 44.40 1.2
RVR 84.87 54 eP 50 44.00 -0.1
e 52 36.00 506km
DUG 84.89 47 P 50 44.80 0.5
CFR 84.91 319 iPc 50 44.00 -0.1
ODD 85.05 338 iP 50 45.00 0.4
ASK 85.12 339 iP 50 44.50 -0.3
TLB 85.31 318 iPd 50 46.00 0.0
VRI 85.36 326 ePd 50 46.50 0.3
BRD 85.37 319 iPd 50 48.00 1.7
PLM 85.55 55 iP+ 50 47.00 -0.7
e 52 40.00 510km
BDW 85.57 44 iP 50 47.30 -0.4
1.0s 156.00nm 5.7mb
pP 52 42.00 519kmX
PSN 85.73 317 eP 50 48.00 0.0
TPC 85.77 54 eP 50 49.00 0.5
e 52 40.00 499km
e 54 15.00
DAU 85.79 46 P 50 49.60 0.7
AKU 85.86 351 iP 50 50.30 2.1
1.5s 122.22nm 5.4mb
i 52 41.50 500km
ISR 85.88 319 iPc 50 49.50 0.7
BHL 85.94 306 Pc 50 49.00 -0.4
S 00 27.00
MLR 86.02 320 iPd 50 49.00 -0.6
BAR 86.03 55 iP+ 50 50.00 0.2
COP 86.08 333 iPc 50 50.00 0.5
0.8s 128.36nm 5.7mb
iS 00 27.00
KMY 86.08 338 eP 50 49.90 0.5
HRI 86.19 305 iP 50 50.50 -0.1
MSU 86.19 48 P 50 51.80 1.1
MSR 86.34 321 ePd 50 50.50 -0.5
HRT 86.39 314 eP 50 51.00 -0.4
KRA 86.48 326 ePd 50 50.90 -0.6
0.8s 83.00nm 5.5mb
Z 14s 3.90um 6.0MszX
N 14s 1.80um
E 14s 3.60um
i 50 51.70 3kmX
i 50 53.10
eS 00 44 00
BUC 86.55 319 eP 50 50 00 -2.0
FRB 86.62 12 eP 50 51.00 -1.0
0.5s 32.00nm 5.3mb
YLV 86.72 314 eP 50 52 00 -1.0
MUD 86.79 335 iPc 50 51.70 -1.2
1.2s 130.00nm 5.5mb
i 52 46.00 515kmX
i 54 25.00
SPC 86.87 325 iP 50 54.60 0.9
COZ 87.04 320 iPc 50 55.00 0.5
CSS 87.05 308 eP 50 54.50 -0.1
GLA 87.18 54 iP+ 50 55.00 -0.3
e 52 48.00 508km
JER 87 34 304 eP 50 56.00 -0.1
JMB 87.38 317 eP 50 56.00 0.0
BCK 87 61 311 eP 50 53.90 -3.4X
KSP 87 73 328 iPd 50 57.20 -0.3
0 9s 240 00nm 6.0mb
i 52 59.00 555kmX
e 07 01.00
PVL 87 84 318 iPd 50 57.00 -1.1
REY 87.84 352 iP 50 59.60 1.9
PSZ 87.86 324 iP 50 57.80 -0.5
CLO 88.05 321 ePc 50 58.50 -0.6
SRE 88.08 320 eP 50 43.50 -15.7X
RSSD 88.10 40 P 51 01.60 1.9
0.5s 94.35nm 5.9mb
PRNI 88.21 303 iP 51 00.50 0.3
DIM 88.23 317 iP 51 00.60 0.0
ELL 88.45 311 iP 51 00.70 -0.6
KDZ 88.61 317 iPd 51 00.00 -1.8
PLD 88.73 318 eP 51 02.00 -0.3
SRO 88.74 325 iP 51 03.40 1.2
N 20s 4.30um
E 20s 3.60um
i(PP) 54 41.10
iS 01 01.00
BRG 88.80 329 iPd 51 01.80 -0.6
1.4s 185.00nm 5.7mb
epP 52 54.00 501km
eS 01 04.00
iPKKP 08 40.70
CLL 88.92 330 iPd 51 01.90 -1.1
1.2s 190.00nm 5.8mb
epP 52 57.00 516kmX
eSKS 00 42.00
eS 01 02.00
PKKP 08 40.60
RSON 89.06 31 eP 51 03.30 -0.3
1.0s 342.00nm 6.1mb
pP 52 56.00 503km
EZN 89.06 315 eP 51 02.90 -0.9
ZST 89.10 326 iPd 51 08.60 4.7X
i 54 43.00
e 02 18.40
PRU 89.13 328 Pd 51 02.50 -1.5
1.5s 2212.10nm 6.8mb
Z 13s 1.80um 5.7MszX
N 15s 1.00um
E 14s 1.30um
e 51 39.50 145kmX
iS 01 04.00
VTS 89.33 319 iPd 51 05.00 0.0
YER 89.33 312 iP 51 04.50 -0.7
VKA 89.45 326 i(P) 51 06.20 0.7
1.0s 246.00nm 6.0mb
Z 14s 2.60um 5.8MszX
e 52 58.50 501km
BEO 89.52 322 eP 51 07.60 1.8
i 54 48.60
BEO 89.52 322 eP 51 07.60 1.8
i 54 46.60
MMB 89.62 318 iPd 51 06.00 -0.5
SOP 89.72 326 iPd 51 07.80 1.1
0.8s 53.50nm 5.5mb
GOL 89.92 44 eP 51 09.10 0.9
GLD 89.99 44 eP 51 09.90 1.5
1.2s 470.71nm 6.3mb
pP 53 02.00 499km
MOX 90.01 330 eP 51 08.00 0.0
1.2s 138.00nm 5.8mb
Z 14s 1.90um 5.7MszX
N 14s 2.10um
E 16s 1.60um
epP 53 00.00 499km
ePP 54 49.00
eSKS 00 53.00
eS 01 12.00
esS 04 35.00
eSS 07 26.00
HOF 90.13 330 iPd 51 08.10 -0.5
1.0s 249.00nm 6.1mb
KHC 90 18 328 iP 51 08.20 -0.7
1.1s 301.00nm 6.1mb
e 54 53.70
S 00 52.00
TDM 90.23 53 P 51 10.90 1.4
pP 53 03.00 499km
VAY 90.48 318 iPd 51 09.30 -1.0
WIT 90.49 334 eP 51 09.00 -1.1
epP 53 10.00 547kmX
WET 90 50 328 iPd 51 09.90 -0.5
SKO 90.74 319 iPd 51 11.00 -0.6
iPcP 51 13.80
iPP 54 55.00
iS 01 23.00
iSS 07 47.00
EDU 90 83 340 ePd 51 11.00 -0.7
GRF 90.87 330 eP 51 12.20 0.2
0.9s 86.00nm 5.7mb
Z 20s 1.20um 5.3Msz
e 51 14.40 7kmX
WTS 91.05 333 eP 51 12.00 -0.8
0.9s 70.00nm 5.6mb
epP 53 11.50 538kmX
ePP 54 59.00
ELO 91.11 341 eP 51 12.20 -0.8
0.8s 33.00nm 5.3mb
ESY 91.24 340 iPd 51 13.80 0.2
0.6s 42.00nm 5.6mb
EAB 91.53 341 eP 51 14.00 -0.9
0.8s 28.00nm 5.3mb
EAU 91.56 340 ePd 51 14.30 -0.8
0.8s 83.00nm 5.8mb
DBN 91.62 334 eP+ 51 12.00 -3.4X
epP 53 06.00 508km
ePP 54 56.00
e(PPP) 57 24.00
iSKS 01 00.00
iS 01 28.00
ePS 02 48.00
eSS 07 47.00
esSS 11 27.00
eP'P' 16 12.00
OHR 91.66 319 eP 51 13.50 -2.4
TNS 91.71 331 eP 51 15.30 -0.6
KBA 91.73 327 iPc 51 15.40 -0.8
0.8s 121.00nm 6.0mb
i 51 17.10 5kmX
i 55 06.50
LJU 91.85 325 eP 51 15.80 -0.8
e 53 14.80 535kmX
eS 01 30.00
e 02 42.00
EKA 91.90 340 Pc 51 16.20 -0.5
0.8s 18.20nm 5.1mb
ESK 91.93 340 ePc 51 17.00 0.2
e 53 11.00 508km
FUR 91.94 328 iPc 51 17.30 0.3
1.0s 487.00nm 6.5mb
ALQ 91.99 49 ePc 51 18.00 0.3
1.0s 300.00nm 6.3mb
i 51 37.00 68kmX
VOY 92.18 326 iPd 51 16.60 -1.6
i 51 34.50 63kmX
i 53 17.80
ENN 92.35 333 eP 51 18.00 -0.8
1.1s 108.00nm 5.8mb
epP 53 17.00 535kmX
ePP 55 08.00
ePS 02 50.50
MEM 92.44 333 P 51 18.80 -0.4
e 53 18.00 536kmX
e 02 51.70
TRI 92.47 325 iP 51 18.20 -1.2
i 53 12.80 507km
i 01 32.00
i 02 54.00
i 05 05.00
i 06 18.00
i 08 04.00
LHC 92.82 30 ePc 51 21.10 0.1
0.9s 362.00nm 6.4mb
BUH 92.96 330 eP 51 21.00 -0.7
UCC 92.96 334 P 51 23.00 1.4
S 01 10.00
e 01 46.00
OGA 93.00 328 iPKPd 51 21.10 -1.0
WLF 93.10 332 Pc 51 22.20 0.0
S 01 12.00
e 01 45.00
SNF 93.21 333 P 51 22.20 -0.5
DOU 93.41 333 P 51 22.70 -1.0
e 53 15.00 499km
S 01 10.00
e 03 02.10
CDF 93.57 331 eP 51 24.00 -0.6
1.0s 128.00nm 6.0mb
DRV 93.57 180 eP 51 25.20 1.5
BSF 94.22 330 eP 51 26.50 -1.1
1.0s 86.60nm 5.8mb
HAU 94.29 331 eP 51 26.80 -1.0
1.3s 06.60nm 5.7mb
ETA 95.10 340 iPc 51 30.80 -0.5
0.8s 24.00nm 5.4mb
ECP 95.59 340 iPc 51 33.10 -0.4
0.8s 68.00nm 5.9mb
LOR 95.92 332 eP 51 34.00 -1.2
1.2s 90.40nm 5.9mb
LPG 96.01 329 eP 51 34.50 -1.5
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LBF 96.10 331 eP 51 34.90 -1.1
1.2s 32.60nm 5.4mb
GRC 96.23 332 IPd 51 36.20 -0.3
i 53 28.90 500km
i 55 34.40
SSF 96.24 332 eP 51 35.50 -1.1
1.1s 62.00nm 5.8mb
SMF 96.42 331 eP 51 36.50 -0.9
1.0s 54.00nm 5.8mb
FLN 96.47 335 eP 51 36.40 -1.2
0.7s 14.60nm 5.4mb
LDF 96.47 335 eP 51 36.50 -1.1
0.6s 13.30nm 5.4mb
AVF 96.51 332 eP 51 37.00 -0.8
1.2s 88.00nm 5.9mb
BGF 96.91 332 eP 51 38.70 -0.9
GRR 96.92 335 eP 51 38.50 -1.1
CVF 97.18 326 eP 51 39.10 -1.8
0.9s 39.10nm 5.7mb
LTX 97.19 52 P 51 42.50 1.2
0.9s 123.93nm 6.2mb
LPF 97.28 335 eP 51 40.40 -0.8
0.7s 17.10nm 5.5mb
MZF 97.29 332 eP 51 40.90 -0.5
0.7s 19.00nm 5.5mb
TCF 97.39 332 eP 51 41.20 -0.7
0.7s 10.60nm 5.3mb
FRF 97.52 328 eP 51 40.60 -1.9
0.8s 32.10nm 5.7mb
LSF 97.71 332 eP 51 42.20 -1.1
0.9s 31.80nm 5.6mb
LRG 97.74 328 eP 51 42.40 -1.0
0.9s 58.90nm 5.9mb
LMR 97.76 328 eP 51 41.90 -1.6
1.0s 48.00nm 5.8mb
CDR 97.85 328 iPc 51 43.50 -0.5
MFF 98.10 333 eP 51 44.10 -1.0
0.7s 14.10nm 5.4mb
TUL 98.19 43 ePd 51 47.40 1.7
0.7s 36.80nm 5.8mb
RJF 98.47 332 eP 51 46.00 -0.8
0.9s 22.90nm 5.6mb
RLO 98.48 42 iP 51 48.60 1.6
CAF 98.54 331 eP 51 46.60 -0.5
LFF 99.10 332 eP 51 48.90 -0.6
0.7s 22.00nm 5.7mb
LPO 99.11 331 eP 51 49.30 -0.3
BHO 99.78 43 e(P) 51 52.50 -0.3
AVY 100.24 254 ePdiff51 55.10 -0.2
MLS 100.54 331 ePdiff51 56.00 0.1
EPF 100.80 331 ePdiff51 55.70 -1.4
OTT 100.82 25 ePdiff51 58.00 1.0
MNT 101.49 23 iPdiff52 02.00 2.0X
TOL 105.26 332 ePKP 56 42.00 13.9X
ePP 59 15.00
eSKS 03 20.00
iPS 09 32.00
eSS 18 25.00
BLA 105.59 32 ePdiff52 20.00 1.5
SBA 106.04 174 e(PKP)56 27.00 -1.5
OXM 106.09 58 ePKP 56 44.00 13.3X
TPM 106.75 58 ePKP 56 37.00 5.3X
IFR 111.06 320 ePKP 56 40.00 0.5
TET 111.44 262 ePKP 56 43.00 2.6X
epP 57 24.00
e 59 32.00
MTD 113.45 263 iPKPd 56 46.40 2.0
iPP 59 34.90
i 10 28.00
COM 113.61 56 ePKP 56 50.00 5.2X
KRI 115.20 263 ePKP 56 47.00 -0.8
epP 57 55.00
iPP 59 35.00
BNG 115.24 290 iPKPc 56 46.50 -1.4
0.8s 182.00nm
id 57 06.40
id 57 57.20
id 58 08.00
ic 58 23.50
ic 59 35.40
LSZ 115.87 265 iPKP 56 48.60 -0.5
i 59 37.60
SPA 117.05 180 ePKP 56 48.70 -1.2
1.0s 80.00nm
e 58 10.50
e 59 38.00
e 10 15.00

BUL 117.31 260 IPKPd 56 51.00 -0.8
0.7s 41.10nm
IpP 57 56.90
i 58 18.20
IPP 59 40.00
i 03 57.00
i 10 15.00
SYO 118.81 204 ePKP 56 53.10 0.2
EVA 119.01 253 ePKP 56 55.00 0.1
0.8s 59.70nm
SLR 119.45 254 ePKP 56 56.00 0.3
PRY 120.50 253 IPKPc 56 57.00 -0.7
1.0s 150.00nm
SEK 120.77 252 IPKPc 56 57.50 -0.7
1.0s 100.00nm
BFS 121.08 254 IPKPc 56 56.90 -1.9
0.7s 191.78nm
S 59 45.90
BLF 122.20 251 ePKP 56 59.90 -1.0
SWZ 122.41 254 ePKP 57 01.50 0.2
1.0s 190.00nm
SUR 127.46 249 e(PKP)57 04.90 -6.1X
UPA 127.55 52 ePKPd 57 10.00 -1.4
0.9s 40.34nm
Z 22s 1.11um 5.5Msz
e 59 12.30
i 59 42.50
e 05 20.00
WIN 128.23 262 e(PKP)57 06.50 -6.2X
SJG 128.37 32 ePKP 57 01.00 -11.9X
CER 128.89 248 IPKPc 57 15.50 2.0X
0.6s 60.71nm
TUH 129.00 248 IPKPc 57 15.00 1.4
0.5s 70.42nm
SNA 131.78 196 e(PKP)57 01.00 -16.7X
KIC 132.18 309 e(PKP)57 03.80 -16.4X
e 57 20.00
e 59 42.90
e 59 59.20
BMG 133.34 48 ePKP 57 10.50 -12.1X
SDV 133.52 44 ePKP 57 07.90 -15.1X
CAR 134.39 38 ePKP 57 14.00 -10.5X
PSO 134.43 58 ePKP 57 12.00 -13.0X
GUV 138.70 36 IPKPd 57 23.60 -8.9X
0.5s 19.70nm
ZOBO 151.89 73 PKP 57 55.60 0.8
i 58 02.40
LR 10 56.00
LPB 152.04 73 PKPc 57 56.00 1.2
i 58 03.00
PP 00 14.00
ScS 07 50.00
LR 14 00.00
CNCB 152.26 74 PKP 57 57.20 1.9
i 58 05.20
LNV 152.33 112 ePKP 58 01.00 6.9X
ROCH 152.75 110 ePKP 57 52.50 -2.6X
i 58 02.60
TACH 152.75 111 ePKP 57 55.50 0.7
SAN 153.00 111 ePKP 57 55.50 0.3
PEL 153.01 110 ePKP 57 55.10 -0.1
i 58 03.70
JACH 153.12 109 iPKP 58 04.00 8.5X
BACH 153.15 111 ePKP 57 54.50 -0.9
FCH 153.32 111 ePKP 57 58.00 2.0
MDZ 154.57 110 ePKP 58 08.70 11.3X
RFA 154.64 114 ePKPc 57 57.80 0.4
ZON 154.80 107 ePKP 57 56.00 -1.7
TPZ 156.04 82 ePKP 58 01.00 0.9
i 58 34.00
YJA 156.44 83 ePKPd 58 02.00 1.3
SLA 157.09 90 ePKPc 58 02.00 1.0
ITR 161.58 355 ePKP 58 04.20 -1.7
e 58 53.70
SOB1 162.08 2 ePKP 58 06.70 0.3
e 58 09.70
e 58 56.40
VAO 172.54 57 ePKP 58 05.20 -8.3X
e 58 14.30
e 59 44.10
BMA 174.22 40 ePKP 58 18.30 4.2X
S.D. = 1.0 on 382 of 420 obs.

• SEP 10, 1985 08h 30m 15.81± 2.08s
48.024 N ± 8.4km 128.508 W ±19.6km
DEPTH = 10.0km (geophysicist)
4.5mb (7 obs.)

VANCOUVER ISLAND REGION (25)

MCW 3.84 78 eP 31 16.50 0.2
GMW 3.89 95 eP 31 16.20 -0.7
BFW 3.92 111 eP 31 15.80 -1.6
SHW 4.66 111 eP 31 27.20 -0.8
LON 4.72 103 eP 31 28.50 -0.4
PNT 6.03 74 eP 31 47.00 -0.2
0.5s 14.00nm 5.0mb X
NEW 7.62 84 eP 32 08.00 -1.6
FHC 7.91 154 eP 32 08.20 -5.4X
WDC 8.58 148 iPd 32 23.40 0.5
MIN 9.14 145 iPd 32 30.90 0.2
GAS 9.35 151 eP 32 33.00 -0.7
ORV 9.86 147 iPd 32 40.50 -0.1
EDM 10.94 56 ePc 32 55.50 0.1
BMN 11.09 129 eP 32 59.00 1.4
SES 11.67 72 eP 33 06.00 0.7
JAS1 11.69 147 ePd 33 06.30 0.7
MHC 11.80 152 eP 33 07.80 0.6
ARN 11.83 152 eP 33 05.50 -2.0
MNA 12.19 138 ePd 33 13.40 0.9
EUR 12.44 129 iP 33 16.80 0.9
0.5s 11.70nm 5.4mb
FRI 12.78 146 ePd 33 19.40 -0.8
CWC 13.90 143 eP 33 37.00 1.8
BDW 14.29 105 eP 33 43.00 2.6
1.3s 18.49nm 4.6mb
CLC 14.63 142 eP 33 45.00 0.3
GSC 15.41 141 eP 33 55.00 0.2
TPC 16.75 142 eP 34 11.00 -1.0
FFC 17.80 58 eP 34 25.00 0.1
1.0s 22.00nm 4.2mb
ALQ 20.97 120 eP 35 01.00 -0.6
1.0s 19.25nm 4.4mb
RSON 22.68 70 eP 35 19.40 1.1
0.7s 17.50nm 4.7mb
LTX 26.72 125 eP 35 56.50 -0.7
1.2s 7.25nm 4.2mb
JCT 28.07 118 eP 36 08.00 -1.4
1.1s 7.59nm 4.4mb
S.D. = 1.1 on 30 of 31 obs.

? SEP 10, 1985 08h 39m 22.59± 4.64s
59.381 N ±26.0km 6.718 E ±33.4km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.1 (BER).

ODD 0.57 357 iPg 39 33.50 -0.7
iSn 39 43.00
KMY 0.77 258 iPg 39 37.40 -0.2
iSg 39 50.30
ASK 1.35 326 iPn 39 48.20 0.9
eSn 40 07.10
HYA 1.81 352 iPn 39 54.50 0.5
lSn 40 18.30
SUE 1.94 331 ePn 39 55.50 -0.4
eSn 40 21.60
S.D. = 0.9 on 5 of 5 obs.

SEP 10, 1985 08h 57m 29.71± 1.21s
24.553 N ± 5.5km 122.890 E ±18.1km
DEPTH = 105.8 ± 9.6 km
5.1mb (13 obs.)
TAIWAN REGION (243)

TWC 0.95 274 iPd 57 49.50 -0.8
TWD 1.27 249 iPd 57 53.00 -0.9
TWZ 1.31 295 iPc 57 54.70 0.3
eS 58 15.00
TATO 1.34 289 iPc 57 55.80 1.1
eS 58 14.90
ANP 1.40 297 iPc 57 56.50 1.0
0.7s 1041.10nm
iS 58 15.80
TWF1 1.89 231 iPd 58 01.30 -0.2
TWG 2.40 224 iPd 58 07.50 -0.8
SSE 6.69 347 iPc 59 06.00 -0.9
0.5s 115.00nm 5.6mb
Z 10s 89.00um
CVP 6.89 189 eP 59 08.50 -1.2
eS 00 26.50
SZP 7.33 199 eP 59 16.50 0.8
eS 00 41.00
SHK 13.09 38 iPc 00 14.80 -17.8X
eS 02 04.90

10d 09h

PPR	15.22	196	ePc	01	07.50	7.3X	
	0.8s	57.00nm			4.9mb		
CGP	16.10	174	iPc	01	15.00	3.8X	
	1.2s	94.00nm			4.9mb		
BJI	16.44	342	eP	01	17.00	1.7	
LZH	20.02	309	eP	01	58.00	1.4	
CHG	22.96	260	eP	02	30.00	4.3X	
IPM	28.93	230	ePc	03	21.00	0.0	
MTN	38.03	167	iPd	04	39.20	-0.2	
KNA	40.46	171	eP	05	00.50	1.0	
	0.7s	51.00nm			5.4mb		
MBL	45.53	184	iPc	05	41.20	0.7	
	0.6s	58.00nm			5.5mb		
MEK	51.04	185	eP	06	23.50	0.4	
	0.5s	42.00nm			5.7mb		
MRWA	53.87	187	iPd	06	44.40	0.4	
	0.6s	10.00nm			5.0mb		
NWAO	57.41	186	eP	07	10.00	0.6	
	0.5s	13.00nm			5.2mb		
RKG	58.57	186	eP	07	22.00	4.6X	
		e		07	51.00		
KEV	69.21	338	iP	08	33.30	6.8X	
	0.6s	20.90nm			5.1mb		
SOD	69.97	336	iP	08	31.10	0.0	
		i		08	40.80		
KJF	70.39	332	eP	08	33.00	-0.7	
	0.9s	33.80nm			5.2mb		
		i		08	48.20		
SUF	71.49	331	iP	08	40.20	-0.2	
	0.5s	3.60nm			4.5mb		
NUR	72.87	329	eP	08	46.00	-2.5	
NAO	78.89	332	P	09	20.80	-1.7	
	0.8s	5.80nm			4.4mb		
FFC	82.17	24	eP	10	29.00	0.7	
	0.6s	6.00nm			5.1mb		
S.D. = 1.1 on 25 of 31 obs.							
SEP 10, 1985 08h 57m 59.91± 0.16s							
27.306 N ± 3.6km 139.896 E ± 3.9km							
DEPTH = 514.0km (2 depth phases)							
5.0mb (22 obs.)							
BONIN ISLANDS REGION							(212)
KYS	7.87	2	eP	59	55.80	-0.5	
GYM	8.11	356	eP	59	58.40	-0.4	
SRY	8.29	356	eP	59	59.40	-1.3	
DDR	8.69	356	eP	00	03.20	-1.7	
		e		01	39.80		
TSK	8.88	1	eP	00	05.30	-1.5	
MAT	9.32	352	eP	00	10.00	-1.4	
	0.8s	212.69nm			5.5mb		
		eS		01	52.00		
GUMO	14.42	160	eP	01	04.30	0.1	
PJG	14.42	160	eP	01	04.20	0.0	
GUA	14.48	160	eP	01	04.40	-0.4	
	0.6s	122.87nm			5.6mb		
MDJ	19.15	337	eP	01	52.00	1.6	
		S		05	01.50		
CN2	20.17	328	P	01	49.00	-11.1X	
CGP	23.63	220	iPc	02	30.00	-1.9	
	1.0s	45.00nm			5.0mb		
GYA	29.61	276	Pd	03	25.00	0.4	
KKM	30.89	231	ePd	03	36.30	0.7	
CD2	31.69	285	P	03	41.80	-0.5	
KMI	33.33	275	Pd	03	57.00	0.7	
ADK	40.65	41	iPc	04	55.80	-0.1	
SNG	42.26	249	eP	05	11.00	1.9	
IPM	43.38	246	ePc	05	16.70	-1.3	
	0.9s	48.60nm			5.0mb		
		e		06	54.30		
PSI	46.18	245	eP	05	40.00	0.3	
	0.7s	101.90nm			5.5mb		
WRA	47.28	187	iPc	05	42.00	-5.9X	
		eS		12	00.50		
CTA	47.51	172	iPd	05	48.60	-1.1	
	0.9s	17.23nm			4.5mb		
PKI	48.02	284	eP	05	54.70	0.7	
	1.1s	81.00nm			5.1mb		
KKN	48.08	284	eP	05	55.10	0.8	
DMN	48.27	284	eP	05	56.80	1.0	
	0.9s	77.00nm			5.2mb		
SDN	50.82	39	eP	06	12.50	-1.5	
ASPA	51.00	187	iPc	06	09.80	-5.9X	
		ePcP		07	20.00		
		eS		12	51.00		
TTA	54.29	30	ePc	06	38.80	-0.3	
NDI	54.78	287	iPd	06	42.50	-0.3	
		eS		13	44.00		
KDC	55.47	37	iPc	06	46.30	-0.9	
IMA	55.82	27	iP	06	49.70	-0.1	
BRW	55.90	20	iPc	06	50.40	0.3	
HYB	57.10	274	eP	06	59.50	0.4	
PME	57.40	32	iPc	06	59.50	-1.0	
	0.6s	58.50nm			5.1mb		
COL	58.13	29	eP	07	04.00	-1.4	
	0.8s	19.78nm			4.5mb		
FBA	58.13	29	eP	07	04.50	-0.9	
	0.7s	15.70nm			4.5mb		
GBA	59.56	270	P	07	16.00	0.3	
POO	60.86	277	iPd	07	24.70	0.4	
	0.8s	49.25nm			5.0mb		
KOD	60.93	267	eP	07	25.00	-0.1	
BAL	61.70	203	eP	07	28.00	-1.4	
YOU	61.77	172	iPd	07	29.30	-0.5	
		e		07	51.00		
CAN	62.88	172	eP	07	36.30	-0.7	
		e		07	58.60		
INK	63.68	24	iPc	07	40.70	-1.0	
WAM	63.72	172	eP	07	41.80	-0.5	
		e		08	03.50		
TOO	64.75	175	eP	07	48.00	-0.8	
		e		08	04.00		
MBC	66.21	15	eP	07	57.00	-0.5	
ALE	69.87	3	iPc	08	20.10	0.6	
	1.0s	34.00nm			4.8mb		
YKA	72.92	28	eP	08	38.30	0.8	
YKC	72.98	28	eP	08	37.50	-0.3	
	0.6s	27.00nm			5.0mb		
KRP	72.99	151	P	08	38.10	0.0	
PGC	74.15	43	eP	08	46.00	1.3	
FHC	77.00	51	ePc	09	02.00	1.4	
EDM	77.86	36	iPc	09	05.50	0.5	
WDC	78.08	51	ePc	09	07.00	0.6	
MIN	78.83	50	ePc	09	10.40	-0.2	
ORV	79.25	51	iPc	09	12.60	0.0	
BRK	79.46	53	ePc	09	14.10	0.4	
BKS	79.48	53	iPd	09	14.80	1.0	
	0.8s	35.00nm			4.9mb		
PCC	79.54	53	ePc	09	14.20	0.1	
GCC	80.03	54	eP	09	16.90	0.3	
MHC	80.14	53	ePc	09	17.90	0.5	
ARN	80.21	53	eP	09	18.00	0.3	
			pP	11	11.00	519km	
SES	80.53	38	iPc	09	19.20	0.2	
	0.7s	46.00nm			5.1mb		
SAO	80.54	54	eP	09	22.60	3.3X	
JAS1	80.74	52	iPc	09	20.70	0.3	
PRS	80.79	54	ePc	09	21.40	0.8	
LLA	80.97	54	ePc	09	22.00	0.4	
PRI	81.38	54	ePc	09	24.70	0.9	
FRI	81.67	53	ePc	09	25.40	0.3	
BMN	81.76	49	eP	09	26.60	0.9	
MNA	82.08	51	ePc	09	28.10	0.7	
LRM	82.10	42	eP	09	24.10	-3.3X	
FFC	82.63	31	iPc	09	29.80	0.3	
	1.0s	19.00nm			4.6mb		
SYP	82.63	55	eP	09	31.00	0.8	
EUR	83.06	49	iP	09	33.20	0.8	
	0.2s	32.10nm			5.5mb		
CWC	83.09	53	eP	09	32.00	-0.5	
ISA	83.18	53	eP	09	32.00	-0.8	
CLC	83.73	53	eP	09	36.00	0.4	
SBB	84.11	54	iP+	09	38.00	0.5	
PAS	84.12	55	eP	09	37.00	-0.5	
MWC	84.17	55	eP	09	38.00	0.1	
GSC	84.54	53	eP	09	40.00	0.4	
RVR	84.78	54	eP	09	41.00	0.3	
PLM	85.46	55	eP	09	44.00	-0.2	
BDW	85.47	44	eP	09	44.90	0.7	
	1.0s	5.40nm			4.2mb		
		pP		11	37.70	509km	
TPC	85.68	54	eP	09	45.00	-0.1	
BAR	85.94	55	eP	09	47.00	0.7	
GLA	87.09	54	eP	09	43.00	-8.9X	
RSSD	88.00	40	eP	09	55.90	-0.3	
RSON	88.95	31	eP	10	00.30	0.2	
	0.5s	9.93nm			4.9mb		
		pP		11	51.30	494kmX	
ALQ	91.89	49	eP	10	14.50	0.2	
	1.0s	15.00nm			5.0mb		
		e		10	31.00		
LTX	97.10	52	eP	10	37.70	-0.2	
	0.7s	3.10nm			4.7mb		
MTD	113.50	263	iPKPd	15	43.60	2.2X	
SPA	117.15	180	e(PKP)	15	46.30	-0.6	
BUL	117.37	260	iPKPc	15	48.70	0.0	
	0.6s	3.33nm					
ZOBO	151.82	73	ePKP	16	59.00	7.5X	
S.D. = 0.8 on 88 of 96 obs.							
? SEP 10, 1985 09h 50m 08.02± 3.19s							
13.525 S ±38.4km 34.259 E ±13.5km							
DEPTH = 33.0km (normal)							
MALAWI							(577)
TET	2.69	194	ePn	50	50.00	0.1	
			iPg	51	02.00		
			eSn	51	18.00		
			eS*	51	27.00		
			iSg	51	33.00		
MTD	4.14	218	ePn	51	11.50	0.9	
			eSn	52	00.00		
			eSg	52	23.70		
NPA	5.08	108	ePg	51	24.00	0.0	
			eSn	52	01.00		
			eSg	52	22.00		
KRI	5.56	233	ePn	51	31.00	0.2	
			eSn	52	36.00		
			eSg	53	07.00		
BUL	8.52	219	ePn	52	11.00	-1.2	
			eSn	53	42.00		
			iSg	54	33.80		
S.D. = 1.1 on 5 of 5 obs.							
SEP 10, 1985 10h 05m 16.37± 0.54s							
6.586 S ± 7.6km 149.963 E ± 7.6km							
DEPTH = 33.0km (normal)							
NEW BRITAIN REGION							(192)
BIAL	1.67	41	eP	05	42.50	-1.2	
LAT	2.94	269	eP	06	00.00	-1.9	
RAB	3.24	43	e(P)	06	07.00	0.9	
ALOA	3.71	174	eP	06	13.00	0.2	
PMG	3.95	225	eP	06	08.50	-7.7X	
MDG	4.37	287	eP	06	24.50	2.4	
MOM	5.19	330	eP	06	39.00	5.3X	
BGA	5.20	86	eP	06	43.00	8.9X	
PAA	5.50	87	eP	06	47.00	8.8X	
TZZ	8.79	278	eP	07	43.50	19.2X	
CTA	13.90	195	eP	08	43.00	9.7X	
			i	09	56.00		
			i	10	20.60		
MTN	19.57	250	iPc	09	43.70	-1.0	
			eS	11	22.00		
WRA	20.16	227	iPd	09	50.80	-0.1	
BRS	20.86	173	P	09	58.80	0.6	
			e	11	13.00		
			e	11	36.00		
			eS	13	30.00		
			e	15	53.00		
KNA	22.68	245	eP	10	17.00	0.7	
			e	11	32.00		
YOU	27.59	183	eP	11	03.40	0.7	
CAN	28.61	182	eP	11	12.70	0.8	
WAM	29.48	182	eP	11	17.90	-1.8	
MEK	35.92	233	eP	12	15.70	-0.2	
KLB	39.03	226	eP	12	42.00	0.1	
MUN	40.36	227	eP	12	53.00	0.2	
			e	14	31.00		
PPI	49.82	275	eP	14	08.50	-0.1	
BNG	131.61	270	ePKPc	24	28.20	-0.4	
	0.8s	4.00nm					
			id	25	41.30		
S.D. = 1.1 on 17 of 23 obs.							
SEP 10, 1985 10h 46m 13.06± 0.60s							
6.605 S ± 7.7km 150.096 E ± 7.3km							
DEPTH = 10.0km (geophysicist)							
5.0mb (2 obs.)							
NEW BRITAIN REGION							(192)
BIAL	1.60	37	e(P)	46	39.50	-1.9	
LAT	3.08	269	eP	47	02.00	-0.6	
RAB	3.16	41	eP	47	04.50	0.6	
ALOA	3.68	176	eP	47	11.00	-0.2	
PMG	4.03	226	eP	47	17.00	0.8	
MDG	4.50	287	eP	47	24.00	1.2	
BGA	5.07	85	eP	47	38.00	6.9X	
			eS	47	53.00		
PAA	5.37	87	eP	47	37.00	1.7	
CTA	13.91	195	iPc	49	41.80	9.1X	

1.3s 38.46nm 5.1mb
BRS 20.83 173 iPc 50 57.20 -0.3
ASPA 23.02 221 eP 51 19.00 -0.5
1.0s 36.00nm 4.9mb
YOU 27.58 183 eP 52 02.00 -0.4
CAN 28.60 182 eP 52 11.20 -0.4
S.D. = 1.1 on 11 of 13 obs.

* SEP 10, 1985 11h 08m 31.93± 0.73s
6.655 S ± 8.5km 150.050 E ±10.9km
DEPTH = 10.0km (geophysicist)
4.9mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL 1.67 37 eP 09 00.50 -0.8
LAT 3.03 270 eP 09 20.00 -0.8
RAB 3.23 41 e(P) 09 23.50 -0.2
ALOA 3.63 175 eP 09 30.00 0.6
PMG 3.96 226 eP 09 36.00 1.9
MOM 5.29 330 eP 09 55.00 2.1
CTA 13.85 195 eP 12 00.00 9.3X
WRA 20.18 228 iPd 13 07.60 -2.0
BRS 20.79 173 P 13 17.20 1.3
ASPA 22.96 22? eP 13 37.00 -0.7
0.6s 25.00nm 4.9mb
YOU 27.53 183 eP 14 20.90 0.1
MEK 35.95 233 eP 15 33.50 -1.4
S.D. = 1.5 on 11 of 12 obs.

* SEP 10, 1985 11h 18m 36.10± 2.45s
25.717 N ±20.4km 140.366 E ±12.7km
DEPTH = 350.5 ± 21.5 km
4.6mb (8 obs.)
VOLCANO ISLANDS REGION (213)

OYM 9.72 355 eP 20 52.40 0.8
SRY 9.90 355 eP 20 55.10 1.3
DDR 10.30 355 eP 20 59.20 0.6
TSK 10.46 359 eP 20 59.70 -0.8
MAT 10.95 351 eP 21 05.00 -1.4
0.7s 18.49nm 4.6mb
eS 22 48.00
SSE 17.70 29? P 22 21.00 -0.2
CHG 38.82 268 iPd 25 34.80 4.8X
0.9s 14.71nm 4.2mb
WRA 45.76 188 eP 26 24.30 -1.3
e 26 43.20
PKI 48.81 285 eP 26 49.20 -0.2
0.5s 18.00nm 4.6mb
KKN 48.89 285 eP 26 49.70 -0.1
0.8s 48.00nm 4.9mb
DMN 49.07 285 eP 26 51.40 0.1
0.5s 82.00nm 5.3mb
NDI 55.66 288 eP 27 37.30 -1.9
HYB 57.64 275 eP 27 53.00 -0.2
COL 59.32 28 eP 28 01.00 -2.9
GBA 60.00 271 Pd 28 10.40 1.2
0.3s 4.00nm 4.4mb
KOD 61.27 268 eP 28 20.00 1.9
POO 61.48 278 iPd 28 19.30 0.2
0.8s 17.16nm 4.6mb
INK 64.95 2? eP 28 36.00 -4.7X
PNT 77.08 41 eP 29 53.00 0.3
NEW 79.02 42 eP 30 03.00 -0.2
LRM 82.99 42 eP 30 24.70 0.6
EUR 83.78 49 eP 30 29.00 0.8
pP 31 16.40 193kmX
RSON 90.10 31 eP 30 56.00 -1.9
ALQ 92.61 49 eP 31 11.20 1.1
1.0s 6.25nm 4.6mb
LTX 97.73 52 eP 31 35.30 2.0
S.D. = 1.4 on 23 of 25 obs.

? SEP 10, 1985 11h 52m 44.21± 4.42s
46.537 N ±38.3km 18.050 E ±11.5km
DEPTH = 10.0km (geophysicist)
HUNGARY (549)

BUD 1.16 35 iPg 53 05.00 -0.8
SRO 1.29 8 eP 53 08.50 0.4
i(Sg) 53 16.50
SOP 1.53 319 ePn 53 13.00 1.4
ZST 1.78 339 iPn 53 14.80 -0.4
iSn 53 34.10
PSZ 1.87 42 iPn 53 17.20 0.6
KHC 3.98 312 ePn 53 45.40 -1.1
eSg 54 48.90

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

SEP 10, 1985 11h 52m 58.41± 0.51s
6.416 S ± 2.8km 149.960 E ± 2.9km
DEPTH = 41.4 ± 4.4 km
5.5mb (34 obs.) 5.1Msz (5 obs.)
NEW BRITAIN REGION (192)

BIAL 1.54 45 iPc 53 23.00 -0.9
LAT 2.95 265 eP 53 45.00 1.1
RAB 3.12 45 iPc 53 45.20 -1.2
0.5s 704.23nm
iS 54 36.00
ALOA 3.88 174 eP 53 53.50 -3.6X
PMG 4.07 223 iPd 54 01.00 1.2
MDG 4.32 285 eP 54 06.00 2.6
MOM 5.04 329 eP 54 19.50 6.0X
BGA 5.20 87 iPc 54 11.80 -4.0X
eS 55 31.00
PAA 5.50 89 iPd 54 14.80 -5.3X
eS 55 43.00
WEW 6.92 294 eP 54 47.00 7.0X
TZZ 8.77 277 eP 55 10.00 4.2X
JAY 10.01 292 ePc 55 26.50 3.7X
1.0s 34.60nm 5.5mb
eS 57 53.00
VSG 10.06 107 eP 55 22.00 -1.5
SVO 10.13 106 eP 55 25.00 0.5
HNR 10.34 107 eP 55 22.00 -5.2X
eS 57 22.00
CTA 14.06 194 iPd- 56 16.80 -0.3
1.2s 118.75nm 5.5mb
i 56 25.80
i 56 46.90
i 57 09.70
iS 59 02.00
ISO 17.43 214 eP 57 00.00 -0.3
MTN 19.63 250 iPd 57 26.60 0.0
KOU 19.76 137 iPd 57 26.70 -1.3
WRA 20.27 227 iPd 57 33.20 -0.2
GUA 20.45 346 eP 57 36.50 1.3
1.2s 487.50nm 5.7mb
GUMO 20.51 346 eP 57 36.40 0.6
1.8s 732.39nm 5.7mb
PJG 20.51 346 eP 57 36.70 0.9
BRS 21.03 173 iPd 57 40.20 -1.0
eS 01 34.00
PVC 21.16 124 iPd 57 50.00 7.6X
NOU 22.43 136 iPc 57 54.10 -1.0
KNA 22.75 244 iPd 57 59.30 1.0
0.7s 163.00nm 5.6mb
ASPA 23.08 220 iPd 58 01.50 0.0
eS 02 14.00
COO 24.10 176 eP 58 11.00 -0.4
1.1s 280.00nm 5.7mb
CMS 25.24 188 eP 58 21.00 -1.2
1.2s 390.00nm 5.8mb
KUPT 26.34 260 eP 58 38.00 5.4X
STK 26.52 196 iPc 58 33.60 -0.4
1.1s 443.00nm 6.0mb
e 58 45.00
RIV 27.30 178 eP 58 41.00 -0.2
eS 00 32.00
YOU 27.76 183 iPd 58 45.00 -0.4
e 02 04.00
CAN 28.78 182 iPd 58 54.30 -0.3
i 59 06.80
NDF 29.10 115 ePd 59 08.80 11.2X
SGE 29.47 115 iPd 59 12.10 11.0X
WAM 29.65 182 eP 59 02.40 0.0
e 59 20.00
TOO 31.28 187 iPd 59 16.80 0.0
1.0s 98.00nm 5.6mb
BFD 31.36 191 eP 59 16.00 -1.4
MBL 32.63 240 eP 59 29.00 0.2
0.7s 35.00nm 5.3mb
CRZ 34.90 146 eP 59 48.30 0.2
MEK 36.03 233 iPd 59 58.10 0.2
BAG 36.87 308 eP 00 05.50 0.3
eS 05 44.00
TRT 37.06 266 ePc 00 03.00 -3.7X
KRP 39.03 147 P 00 33.00 10.1X
KLB 39.15 226 iPd 00 23.90 -0.1
0.6s 58.00nm 5.6mb
MRWA 39.25 231 eP 00 25.00 0.1
0.9s 56.00nm 5.4mb
BAL 39.40 228 eP 00 26.00 -0.1

NWAO 40.25 225 eP 00 33.00 -0.1
Z 20s 3.00um 5.1Msz
N 20s 1.80um
E 20s 2.80um
MUN 40.47 227 iPd 00 35.50 0.6
1.1s 175.00nm 5.7mb
TCW 40.87 152 P 00 37.70 -0.4
GNZ 40.91 146 P 00 37.60 -0.7
1.0s 264.00nm 5.9mb
pP 00 46.20 29kmX
e 00 54.00
MNG 41.00 150 P 00 38.50 -0.6
RKG 41.05 223 eP 00 43.00 3.4X
0.8s 64.00nm 5.4mb
MSZ 41.21 160 P 00 41.40 0.7
SHK 43.88 339 eP 01 11.40 8.7X
MAT 44.13 346 eP 01 03.00 -1.7
1.0s 15.00nm 4.7mb
Z 20s 1.06um 4.8Msz
eS 07 30.00
SSE 46.35 325 eP 01 22.00 -0.4
Z 22s 2.00um 5.0Msz
N 20s 1.70um
S 08 06.00
esS 08 16.00
PPI 49.80 275 eP 01 59.00 9.4X
0.7s 107.30nm 6.0mb
IPM 50.06 281 ePd 01 50.50 -1.1
e 03 09.70
NST 54.00 295 eP 02 20.50 -0.5
KMI 55.60 306 eP 02 31.00 -1.9
BJI 55.74 329 eP 02 31.00 -2.3
eS 10 11.00
CHG 56.18 298 eP 02 37.00 0.1
AFR 59.76 106 iP 03 02.80 0.8
0.8s 25.00nm 5.4mb
PAE 59.96 107 iP 03 04.00 0.7
0.8s 20.00nm 5.3mb
PPT 59.96 107 iP 03 04.20 0.8
0.8s 20.00nm 5.3mb
PPN 60.09 106 iP 93 05.20 0.9
0.8s 30.00nm 5.5mb
TVO 60.28 107 iP 03 06.80 1.2
0.8s 30.00nm 5.5mb
LZH 60.47 318 eP 03 05.50 -1.3
DRV 60.54 185 eP 03 05.50 -1.1
PMO 61.49 104 iP 03 15.00 1.2
0.8s 50.00nm 5.7mb
VAH 61.75 104 iP 03 16.40 0.8
0.8s 25.00nm 5.4mb
TPT 61.76 104 iP 03 16.70 1.1
0.8s 35.00nm 5.5mb
RUV 61.99 104 iP 03 17.80 0.6
0.8s 25.00nm 5.4mb
PKI 70.85 302 eP 04 13.20 -0.7
1.0s 14.00nm 4.9mb
KKN 71.03 302 eP 04 13.60 -1.2
1.0s 18.00nm 5.0mb
SBA 71.94 176 iPd 04 20.30 1.3
1.0s 40.00nm 5.3mb
RKT 73.79 112 iP 04 31.60 0.8
0.8s 40.00nm 5.4mb
KOD 74.06 283 eP 04 34.00 1.1
HYB 74.37 290 eP 04 33.00 -1.3
1.0s 40.00nm 5.3mb
GBA 74.68 286 P 04 35.90 -0.2
NDI 78.11 301 iP 04 53.50 -1.7
POO 78.97 290 eP 04 59.50 -0.6
PME 82.38 25 eP 05 17.10 -0.1
IMA 82.92 20 eP 05 23.80 3.6X
SPA 83.63 180 iPd 05 24.40 0.6
1.0s 71.00nm 5.7mb
COL 84.43 22 eP 05 25.00 -2.6
FBA 84.43 22 eP 05 27.30 -0.3
OUE 87.18 301 eP 05 41.00 -1.2
INK 90.97 21 eP 06 01.00 2.0X
SYP 93.64 56 eP 06 19.00 6.8X
ISA 94.97 55 eP 06 24.00 5.8X
PAS 95.10 56 eP 06 25.00 6.3X
MWC 95.20 56 eP 06 20.00 0.5
CWC 95.34 54 eP 06 21.00 1.0
CLC 95.69 55 eP 06 23.00 1.5
RVR 95.75 57 eP 06 26.00 4.3X
PLM 96.13 57 eP 06 30.00 6.2X
BAR 96.25 58 eP 06 31.00 6.9X
GSC 96.30 55 eP 06 31.00 6.7X
TPC 96.85 56 eP 06 33.00 6.2X

10d 12h

EUR	97.17	51	iP	06	29.50	1.1	
	0.2s		2.79nm			5.4mb	
GLA	97.82	58	eP	06	25.00	-6.2X	
ALQ	104.78	56	e(Pdif	07	00.00	-2.6X	
	1.0s		2.75nm			5.1mb	
LTX	107.38	61	ePKP	11	20.00	-3.0X	
	1.1s		2.82nm				
TUL	113.34	54	ePKP	11	34.00	0.1	
	1.3s		6.80nm				
RLO	113.91	53	ePKP	11	35.40	0.3	
BHO	114.33	55	e(PKP)	11	36.20	0.3	
MTD	114.87	248	iPKPc	11	40.00	2.5X	
BUL	116.60	244	iPKPc	11	41.10	0.3	
	0.9s		12.18nm				
KRI	116.67	248	ePKP	11	42.00	1.0	
NAO	117.71	339	PKP	11	48.20	-1.3	
	1.1s		8.30nm				
MLR	118.03	319	ePKPd	11	42.00	-0.8	
LSZ	118.42	249	iPKP	11	44.10	-0.3	
TUH	118.90	226	ePKP	11	35.50	-9.2X	
KRA	119.79	325	ePKP	11	45.40	-0.4	
CLO	120.24	319	ePKPc	11	46.50	-0.3	
KSP	121.39	328	iPKPc	11	49.00	0.2	
SRO	121.81	324	e(PKP)	11	49.50	-0.2	
ZST	122.33	325	iPKP	11	50.80	0.1	
SKO	122.38	316	iPKPc	11	50.50	-0.5	
BRG	122.61	329	iPKPc	11	51.30	0.2	
FRU	122.80	327	PKP	11	51.60	0.1	
	Z 20s		0.50um			5.2Msz	
			e	11	57.30		
CLL	122.84	329	iPKP	11	51.60	0.1	
OHR	123.16	316	ePKP	11	52.00	-0.6	
SCM	123.47	25	ePKP	11	52.00	-0.7	
KMC	123.80	327	PKPd	11	53.50	-0.1	
	1.0s		32.00nm				
			e	12	01.90		
MOX	123.94	329	ePKP	11	54.00	0.2	
	1.3s		19.00nm				
OTT	124.01	38	ePKPc	11	54.80	-0.4	
WIT	124.08	334	ePKP	11	57.50	2.1X	
LJU	124.94	323	ePKP	11	55.70	-0.1	
			e	12	16.10		
KBA	125.08	325	iPKPc	11	55.00	-1.3	
	1.1s		17.50nm				
VOY	125.33	324	iPKPc	11	56.10	-0.6	
			e	12	17.10		
WTS	125.38	333	iPKPc	11	57.00	0.6	
MNT	125.82	37	ePKP	11	57.50	-0.1	
EWN	126.62	332	iPKP	11	59.80	0.9	
	1.2s		71.00nm				
EKA	126.70	341	PKPd	11	59.40	0.4	
	1.0s		11.00nm				
BUH	126.89	329	ePKP	11	59.70	0.1	
GSS	127.10	326	ePKP+	12	00.40	0.1	
SAX	127.20	327	ePKP+	12	00.70	0.1	
WLF	127.27	331	PKPc	12	01.30	1.1	
SLE	127.33	328	ePKP+	12	00.20	-0.3	
VDL	127.59	326	ePKP+	12	01.70	0.5	
LLS	127.62	327	ePKP+	12	01.00	-0.3	
DOU	127.70	332	PKP	12	01.50	0.5	
TMA	128.15	326	ePKP+	12	02.00	-0.3	
BSF	128.17	329	ePKP	12	01.70	-0.5	
MAU	128.28	330	ePKP	12	02.00	-0.3	
MMK	128.68	327	ePKP+	12	04.20	0.8	
DIX	128.97	327	ePKP+	12	04.60	0.7	
LPG	129.69	327	ePKP	12	05.20	-0.2	
LOR	130.02	330	ePKP	12	06.00	0.4	
LBF	130.16	330	ePKP	12	06.30	0.4	
CVF	130.25	323	ePKP	12	05.90	-0.3	
SSF	130.34	330	ePKP	12	06.60	0.4	
GRC	130.39	331	iPKPc	12	06.60	0.4	
			i	15	29.20		
SMF	130.46	330	ePKP	12	06.50	0.1	
AVF	130.60	330	ePKP	12	06.70	0.1	
LDF	130.91	334	ePKP	12	07.40	0.2	
UPA	130.91	34	ePKPd	12	08.20	0.0	
	1.0s		40.00nm				
	Z 20s		0.53um			5.2Msz	
			e	15	34.00		
FLN	130.94	334	ePKP	12	07.20	0.0	
FRF	130.96	325	ePKP	12	07.40	-0.1	
BGF	131.01	330	ePKP	12	07.70	0.2	
LMR	131.18	325	ePKP	12	07.90	0.0	
LRG	131.19	325	ePKP	12	08.30	0.4	
MZF	131.38	330	ePKP	12	08.40	0.2	
GRR	131.39	334	ePKP	12	08.50	0.4	
CDR	131.39	326	ePKPc	12	09.60	1.3	
TCF	131.52	330	ePKP	12	08.90	0.4	
BNG	131.60	270	iPKPc	12	08.60	-1.0	
	0.7s		23.00nm				
			ic	12	15.50		
LPF	131.74	334	ePKP	12	09.10	0.4	
LSF	131.88	331	ePKP	12	09.40	0.3	
MFF	132.41	332	ePKP	12	10.20	0.1	
RJF	132.56	330	ePKP	12	10.70	0.3	
LPO	133.16	330	ePKP	12	12.30	0.7	
LFF	133.21	330	ePKP	12	12.10	0.5	
EPF	134.76	329	ePKP	12	15.10	0.3	
YJA	135.13	130	e(PKP)	12	03.00	-13.6X	
TPZ	135.37	129	ePKP	12	13.00	-3.9X	
			i	12	19.70		
CNCB	135.96	122	PKP	12	08.00	-10.4X	
			i	12	20.00		
LPB	135.99	122	ePKP	12	06.00	-12.3X	
			i	12	20.00		
SDV	139.71	84	ePKP	12	24.00	-1.0	
CAR	143.30	81	ePKP	12	35.00	3.8X	
IFR	144.49	323	iPKP	12	32.00	-0.8	
			i	16	12.00		
AVE	145.99	325	ePKP	12	29.00	-6.1X	
			i	12	47.00		
CUM	146.01	81	ePKP	12	35.50	-0.1	
VAO	146.40	151	ePKP	12	38.00	1.8X	
			e	12	45.80		
GUV	147.17	86	iPKPc	12	39.00	1.5	
BMA	147.94	155	e(PKP)	12	43.00	4.4X	
BMA	147.94	155	ePKP	12	50.20	11.6X	
KIC	154.86	271	ePKP	12	50.10	1.2	
			e	12	59.10		
			e	13	13.20		
SOB1	161.08	145	ePKP	12	56.70	0.4	
	S.D. = 0.8		on 152 of 194 obs.				
•	SEP 10, 1985 12h 39m 57.98± 0.72s						
	6.591 S ± 8.7km 150.190 E ± 9.6km						
	DEPTH = 33.0km (normal)						
	4.9mb (1 obs.)						
	NEW BRITAIN REGION					(192)	
BIAL	1.53	34	eP	40	23.00	-0.4	
RAB	3.09	40	e(P)	40	46.00	0.4	
LAT	3.17	269	eP	40	45.00	-1.7	
ALOA	3.69	177	eP	40	53.00	-1.0	
PMG	4.11	227	eP	41	02.00	2.0	
MDG	4.59	287	eP	41	08.00	1.2	
CTA	13.95	196	iPd	43	24.20	8.6X	
WRA	20.32	228	iPd	44	32.70	-1.5	
BRS	20.83	174	iPc	44	40.20	0.8	
			e	47	13.00		
ASPA	23.10	221	eP	45	02.00	0.0	
	1.0s		38.00nm			4.9mb	
YOU	27.60	183	eP	45	44.80	0.4	
	S.D. = 1.3		dn 10 of 11 obs.				
•	SEP 10, 1985 14h 19m 19.18± 0.50s						
	28.437 N ± 9.2km 140.270 E ± 8.7km						
	DEPTH = 33.0km (normal)						
	5.0mb (9 obs.)						
	BONIN ISLANDS REGION					(212)	
OYM	7.02	353	eP	21	02.00	-0.3	
SRY	7.20	354	eP	21	04.60	-0.2	
DDR	7.59	353	eP	21	10.70	0.3	
TSK	7.75	359	eP	21	10.60	-2.0	
MAT	8.27	348	eP	21	23.00	3.3X	
	0.9s		23.53nm			5.3mb	
			(S)	23	06.00		
SHK	8.88	315	eP	21	36.30	8.1X	
SSE	16.78	284	P-	23	18.00	4.8X	
	7.0s		2.20nm			2.4mb X	
	Z 10s		1.30um				
	E 10s		1.20um				
			eS	26	46.00		
			sS	26	54.00		
ANP	17.05	263	eP	23	22.00	5.2X	
BAG	21.75	241	eP	24	08.00	-2.0	
			eS	28	12.00		
BJI	22.96	307	eP	24	22.50	0.9	
			epP	25	06.00		
			eS	28	39.00		
			esS	30	00.00		
HKC	24.33	281	eP	24	41.00	5.9X	
			eS	29	04.00		
DAV	25.38	216	eP	24	46.00	0.9	
			eS	29	20.00		
LZH	31.59	293	eP	25	40.50	-0.8	
			S	31	05.00		
KMI	33.58	273	eP	26	00.00	1.3	
			S	31	25.00		
SHL	42.98	278	eP	27	10.00	-7.3X	
PKI	48.08	283	eP	27	56.90	-1.3	
	1.0s		26.00nm			5.2mb	
KKN	48.14	283	eP	27	58.80	0.4	
	1.0s		44.00nm			5.4mb	
WRA	48.44	187	iPc	27	56.80	-3.6	
ASPA	52.16	187	eP	28	20.00	-8.8X	
	1.1s		31.00nm			5.2mb	
NDI	54.77	286	eP	28	48.00	-0.1	
			eS	36	36.00		
			eSS	40	22.00		
BRS	56.79	167	P	28	57.00	-5.6X	
COL	56.98	29	eP	29	02.00	-1.5	
	0.9s		14.71nm			5.0mb	
HYB	57.36	273	eP	29	09.00	2.1	
GBA	59.89	270	P	29	26.00	1.5	
POO	61.06	276	eP	29	35.30	2.6	
INK	62.52	25	eP	29	42.00	0.5	
QUE	62.88	291	eP	29	43.00	-1.6	
DAG	74.24	355	iPc	30	54.60	0.5	
	1.0s		18.00nm			5.0mb	
PNT	75.11	42	eP	31	00.00	0.4	
FHC	76.03	51	eP	31	06.70	1.6	
WDC	77.12	51	ePc	31	11.20	0.1	
MIN	77.86	51	eP	31	15.50	0.1	
ORV	78.29	51	ePc	31	17.20	-0.4	
MHC	79.20	53	eP	31	23.90	1.1	
JAS1	79.79	52	eP	31	26.70	0.9	
PRS	79.86	54	ePc	31	27.50	1.3	
LLA	80.03	54	ePc	31	28.30	1.2	
PRI	80.45	54	ePc	31	30.90	1.4	
FRI	80.73	53	ePc	31	31.70	1.0	
LRM	81.04	43	eP	31	30.50	-2.1	
MNA	81.11	51	eP	31	33.40	0.4	
FFC	81.49	31	eP	31	33.00	-1.3	
	1.0s		10.00nm			4.8mb	
NAO	82.02	338	P	31	35.80	-1.2	
	1.0s		6.70nm			4.6mb	
EUR	82.07	49	iP	31	36.00	-2.0	
	0.2s		1.12nm			4.6mb	
	S.D. = 1.4		on 36 of 44 obs.				
	SEP 10, 1985 14h 39m 19.15± 0.71s						
	6.641 S ± 7.8km 149.923 E ± 9.1km						
	DEPTH = 33.0km (normal)						
	4.5mb (2 obs.)						
	NEW BRITAIN REGION					(192)	
BIAL	1.73	40	eP	39	47.00	-0.4	
LAT	2.90	270	eP	40	03.50	-0.6	
ALOA	3.66	173	eP	40	14.00	-0.8	
MDG	4.35	288	eP	40	25.50	0.9	
MOM	5.21	331	eP	40	37.00	0.1	
WEW	6.98	296	eP	41	09.00	7.2X	
CTA	13.83	195	iPc	42	45.60	10.3X	
	1.2s		18.75nm				
MTN	19.51	250	eP	43	45.00	-1.8	
WRA	20.09	227	iPd	43	52.70	-0.3	
			eS	47	39.80		
BRS	20.81	173	iPc	44	00.70	0.3	
ASPA	22.88	221	eP	44	23.00	1.9	
	0.5s		11.00nm			4.6mb	
MEK	35.86	233	eP	46	18.00	-0.1	
SPA	83.40	180	eP	51	45.40	1.0	
	0.8s		2.50nm			4.4mb	
	S.D. = 1.1		on 11 of 13 obs.				
•	SEP 10, 1985 14h 39m 47.45± 1.23s						
	10.593 N ±25.9km 139.482 E ± 7.7km						
	DEPTH = 33.0km (normal)						
	5.0mb (2 obs.)						
	WEST CAROLINE ISLANDS					(209)	
GUMO	6.05	60	eP	41	17.10	0.1	
PJG	6.05	60	eP	41	17.00	0.0	
GUA	6.06	61	eP	41	17.30	0.1	
	0.6s		128.00nm			5.8mb X	
			eS	42	21.40		
DAV	14.18	257	eP	43	15.00	6.9X	
BAG	19.26	290	eP	44	12.00	-0.5	
SSE	26.54	323	eP	45	24.50	0.4	
BJI	35.88	329	eP	46	45.00	-1.3	

KMI	37.69	298	eP	47	04.00	1.9
PSI	41.00	262	eP	47	29.00	-0.4
PKI	53.40	296	eP	49	06.60	-0.3
KKN	53.54	297	eP	49	08.20	0.4
	1.0s	18.00nm			5.0mb	
DMN	53.67	296	eP	49	09.20	0.4
	0.7s	11.00nm			5.0mb	
QUE	69.70	298	eP	50	56.00	-0.7
INK	79.12	22	eP	51	50.00	0.0
	S.D. = 0.8	on	13 of	14	obs.	

• SEP 10, 1985 15h 52m 21.84± 0.71s
6.707 S ± 7.7km 150.094 E ±10.0km
DEPTH = 10.0km (geophysicist)
4.7mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	1.68	35	eP	52	50.00	-1.5
LAT	3.07	271	eP	53	10.00	-1.3
ALOA	3.58	176	eP	53	19.00	0.5
PMG	3.96	227	eP	53	27.00	3.1X
MDG	4.53	288	eP	53	32.00	0.0
MOM	5.36	330	eP	53	45.50	1.7
WEW	7.16	296	eP	54	22.00	12.8X
CTA	13.81	195	iP	55	50.80	10.7X
	1.2s	20.31nm				
WRA	20.17	228	iPd	56	58.30	-1.2
BRS	20.73	173	P	57	05.40	0.2
ASPA	22.95	221	eP	57	28.00	0.5
	1.0s	27.00nm			4.7mb	
SPA	83.34	180	e(P)	04	50.70	0.4
OSS	127.41	326	ePdiff08	11	11.70	0.7
VDL	127.91	320	ePdiff08	09	09.70	-3.5X
LLS	127.93	327	ePdiff08	17	17.30	4.0X
TMA	128.47	326	ePdiff08	07	07.20	-8.5X
BNG	131.74	270	iPKPc	11	35.60	-2.4X
	0.4s	4.00nm				
	S.D. = 1.2	on	10 of	17	obs.	

• SEP 10, 1985 16h 52m 36.45± 1.06s
35.570 S ± 9.7km 71.168 W ±10.2km
DEPTH = 119.5 ± 8.1 km
4.5mb (3 obs.)
CENTRAL CHILE (136)

LNV	1.62	353	iP	53	05.20	-0.4
			i	53	18.30	
			i(S)	53	26.50	
CHCH	1.69	15	iPc	53	06.60	0.1
TACH	1.92	6	iPd	53	09.00	-0.4
			iS	53	31.00	
SAN	2.15	1	iPd	53	12.50	0.2
			i	53	35.50	
			iS	53	40.40	
BACH	2.28	14	iPd	53	14.40	0.4
			iS	53	39.00	
FCH	2.35	18	iPd	53	15.50	0.3
RFA	2.35	71	iPd	53	15.70	0.7
			S	53	44.00	
ROCH	2.59	3	iP	53	18.10	-0.2
			iS	53	40.20	
JACH	2.92	10	iPc	53	22.40	0.0
MDZ	3.30	36	eP	53	29.30	1.8
			iS	53	47.50	
ZON	4.52	28	eP	53	44.00	0.0
RTMO	4.56	28	ePc	53	45.10	0.6
CFA	4.65	33	ePc	53	46.00	0.3
			S	54	40.50	
RTLL	4.79	29	ePd	53	47.10	-0.6
			S	54	43.40	
VCA	7.26	21	e(P)	54	17.00	-4.5X
			S	55	43.70	
VBA	7.78	111	ePd	54	27.10	-1.3
SLA	11.86	26	ePc	55	20.20	-2.9
VAO	24.47	66	eP	57	45.50	-0.2
SOB1	38.08	54	eP	59	44.70	-0.4
SPA	54.61	180	e(P)	01	54.00	-0.6
JCT	71.01	334	iP	03	43.30	0.3
	1.0s	10.00nm			4.6mb	
			e	04	19.50	
LTX	71.45	330	eP	03	45.80	0.1
	1.0s	4.00nm			4.2mb	
KIC	74.91	71	eP	04	06.50	0.4
BUL	86.09	112	iPc	05	05.80	0.4
	0.7s	5.48nm			4.6mb	
KRI	88.82	110	eP	05	20.00	1.4
GBA	144.29	120	PKPc	11	57.80	-2.4X

S.D. = 1.0 on 24 of 26 obs.

• SEP 10, 1985 16h 56m 05.18± 0.76s
6.647 S ± 9.5km 150.046 E ± 8.0km
DEPTH = 18.9 ± 7.6 km
4.5mb (2 obs.)
NEW BRITAIN REGION (192)

BIAL	1.66	37	eP	56	33.00	-0.6
LAT	3.03	270	eP	56	52.50	-0.5
ALOA	3.64	175	eP	57	02.00	0.1
PMG	3.97	226	eP	57	05.50	-0.9
MDG	4.47	288	eP	57	15.00	1.5
CTA	13.86	195	iPd	59	33.30	10.3X
	1.3s	21.15nm				
WRA	20.18	228	eP	00	40.50	-1.1
BRS	20.79	173	P	00	48.00	0.0
KNA	22.73	245	eP	01	07.70	0.3
	0.6s	6.00nm			4.3mb	
ASPA	22.96	221	eP	01	10.00	0.3
	0.6s	16.00nm			4.7mb	
YOU	27.54	183	eP	01	53.70	0.9
CAN	28.55	182	eP	02	02.60	0.6
MEK	35.95	233	eP	03	06.20	-0.6
BNG	131.69	270	iPKPc	15	19.00	-0.7
	0.4s	4.00nm				
	S.D. = 0.9	on	13 of	14	obs.	

& SEP 10, 1985 17h 20m 05.73s
61.356 N 151.693 W
DEPTH = 97.9km
4.4mb (5 obs.)
SOUTHERN ALASKA (2)
<AGS-P>. Felt (III) at Anchorage, (II) at Palmer and Big Lake.

CGLM	0.16	252	iP	20	19.23	1.0
CRP	0.24	248	iP	20	19.77	1.2
SPU	0.25	225	iP	20	19.42	1.0
SUA	0.47	76	iP	20	20.54	-0.9
SKT	0.63	7	iP	20	22.28	-0.3
			eS	20	33.93	
NKA	0.65	160	iP	20	23.38	0.7
RDT	0.86	204	iP	20	24.56	-0.3
PWA	0.92	70	iPc	20	24.80	-0.6
PMS	1.04	95	iPc	20	25.80	-0.9
SLKM	1.11	139	iP	20	26.18	-1.4
PMR	1.25	78	iPc	20	27.90	-1.3
ILM	1.30	206	iP	20	29.85	0.0
PME	1.31	77	iP	20	28.74	-1.1
PTE	1.39	110	iP	20	29.37	-1.4
GHO	1.39	71	iP	20	29.77	-1.2
MPA	1.43	126	iP	20	30.11	-1.3
KNK	1.56	86	iP	20	31.59	-1.4
BRLK	1.65	166	iP	20	33.08	-1.1
			eS	20	50.45	
SML	1.67	73	iP	20	32.94	-1.5
SEW	1.67	138	iP	20	32.52	-1.9
PWL	1.71	106	iP	20	32.98	-1.9
CNPM	1.85	173	eP	20	35.97	-0.8
CFI	1.90	94	iP	20	35.45	-2.0
SVW	1.92	264	iPd	20	38.70	1.0
SCM	2.14	75	iP	20	39.16	-1.5
KNIM	2.18	116	iP	20	38.85	-3.1
GLI	2.28	100	iP	20	39.85	-2.6
			eS	21	06.63	
MTU	2.42	123	iP	20	42.07	-2.2
			eS	21	09.60	
VZW	2.51	95	iP	20	43.15	-2.4
TTA	2.57	310	iPc	20	47.40	1.0
VLZ	2.60	93	iP	20	44.41	-2.3
			eS	21	12.01	
FID	2.61	101	iP	20	43.44	-3.4
HIN	2.71	108	iP	20	45.22	-3.1
TOA	2.73	72	iPc	20	48.00	-0.6
KLU	2.78	85	iP	20	46.92	-2.3
SGAM	3.28	102	iP	20	52.79	-3.2
KDC	3.64	187	eP	20	58.70	-2.3
COL	3.97	25	iPd	21	04.60	-0.9
			eS	22	02.00	
F8A	3.97	25	iPd	21	04.70	-0.8
WAX	4.41	98	eP	21	08.64	-3.0
BALM	4.54	90	iP	21	10.49	-2.9
IMA	4.81	350	ePd	21	16.80	-0.4
BCPM	6.09	98	eP	21	32.30	-2.5
SDN	7.60	221	eP	21	57.50	2.1
INK	10.37	40	eP	22	31.00	-2.0
PNT	21.60	109	eP	24	50.00	1.4
EDM	21.97	94	iP	24	53.50	1.3
BFW	22.17	119	eP	24	56.50	2.3
NEW	23.50	108	eP	25	09.00	1.8
			e	25	30.00	
			e	26	50.00	
LRM	27.46	106	eP	25	44.40	0.1
BMN	29.62	119	eP	26	05.70	2.1
EUR	30.94	119	eP	26	16.90	1.6
	0.9s	4.97nm			4.2mb	
			e	26	38.50	
RSON	32.90	82	eP	26	32.80	0.9
			e	26	53.50	
ALO	38.89	112	e(P)	27	24.00	0.9
	1.0s	2.50nm			4.0mb	
DAG	39.00	16	iPd	27	45.00	21.7
	0.5s	10.56nm				
			i	28	37.00	
LTX	44.89	113	eP	28	13.30	1.4
	0.8s	2.77nm			4.1mb	
SUF	56.23	1	eP	29	38.00	0.8
KHC	69.23	10	P	31	25.00	21.7
			e	32	24.10	
KKN	80.00	311	eP	32	06.60	1.1
	0.5s	9.00nm			4.9mb	
PKI	80.15	311	eP	32	08.00	1.5
DMN	80.22	311	eP	32	08.70	1.9
	0.7s	11.00nm			4.8mb	
	61 obs. associated					

• SEP 10, 1985 17h 21m 14.56± 1.30s
6.569 S ±16.3km 149.951 E ±14.0km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
NEW BRITAIN REGION (192)

LAT	2.93	268	eP	22	01.00	1.1
ALOA	3.73	174	eP	22	10.00	-1.2
PMG	3.95	224	eP	22	18.00	3.5X
MDG	4.35	287	eP	22	19.00	-1.1
MOM	5.17	330	eP	22	37.00	5.4X
WEW	6.98	295	eP	23	10.00	12.9X
CTA	13.91	195	eP	24	42.00	10.3X
MTN	19.56	250	eP	25	42.00	-0.8
WRA	20.16	227	eP	25	49.80	0.7
BRS	20.88	173	iPc	25	56.70	0.2
NOU	22.32	136	iPc	26	12.50	1.5
ASPA	22.96	221	eP	26	19.00	1.7
	0.7s	21.00nm			4.7mb	
YOU	27.61	183	eP	27	03.10	2.1X
CAN	28.63	182	eP	27	07.90	-2.3
MEK	35.93	233	eP	28	15.00	0.9
GBA	74.71	286	Pc	32	52.30	-1.1
	0.5s	1.10nm			4.1mb	
SPA	83.48	180	e(P)	33	44.70	4.5X
KHC	123.92	327	PKPd	40	11.50	0.4
KIC	154.85	271	ePKP	41	16.60	10.5X
	S.D. = 1.4	on	12 of	19	obs.	

SEP 10, 1985 17h 21m 39.44± 0.87s
64.319 N ± 7.7km 150.427 W ± 6.5km
DEPTH = 61.4 ± 9.7 km
4.4mb (6 obs.)
CENTRAL ALASKA (1)
Felt (III) at Fairbanks.

FBA	1.28	62	eP	22	01.30	-0.1
IMA	2.23	323	eP	22	22.20	7.4X
PMR	2.80	167	eP	22	22.30	-0.4
TTA	2.86	243	e(P)	22	24.00	0.4
ADK	18.46	240	eP	25	52.10	0.0
EDM	21.84	103	iPc	26	27.40	-0.5
NEW	24.08	116	eP	26	50.50	0.7
BDW	31.60	113	eP	27	58.90	0.6
	1.0s	4.60nm			4.2mb	
EUR	32.00	124	eP	28	01.00	-0.8
	0.8s	4.42nm			4.3mb	
ARN	32.03	133	eP	28	01.10	-0.8
RSSD	32.77	106	eP	28	08.80	0.4
	1.0s	9.50nm			4.6mb	
GOL	35.89	111	eP	28	35.80	0.5
SCH	40.37	63	eP	29	13.00	0.8
LTX	45.63	117	eP	29	55.20	0.0
	1.0s	4.60nm			4.3mb	
NAO	54.38	11	P	31	00.20	-1.3
	1.0s	6.90nm			4.6mb	

10d 17h

HFS 55.29 10 eP 31 08.40 0.3
0.7s 2.00nm 4.4mb
BNG 110.93 12 iPKPc 40 26.40 19.5X
0.6s 6.00nm
SBA 144.29 194 ePKP 41 05.80 -2.0X
1.0s 9.00nm
S.D. = 0.7 on 15 of 18 obs.

• SEP 10, 1985 18h 09m 34.48± 0.92s
6.450 S ±14.5km 149.865 E ±12.8km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL 1.64 46 eP 10 01.50 0.2
LAT 2.85 266 eP 10 19.00 0.3
PMG 3.98 222 eP 10 36.00 1.2
MDG 4.24 286 eP 10 42.00 3.7X
CTA 14.00 194 eP 13 01.00 8.2X
WRA 20.18 227 iPd 14 07.80 -1.4
BRS 21.01 173 P 14 18.00 0.2
e 19 49.00
ASPA 22.99 220 eP 14 37.00 -0.5
0.7s 13.00nm 4.5mb
S.D. = 1.2 on 6 of 8 obs.

? SEP 10, 1985 18h 29m 24.95± 4.72s
59.377 N ±24.7km 6.705 E ±30.0km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.1 (BER). Probable explosion.

ODD 0.57 358 iPg 29 36.30 -0.1
iSg 29 43.90
KMY 0.77 258 iPb 29 40.30 0.1
iPg 29 42.80
iSb 29 51.20
eSg 29 54.20
BER 1.23 326 ePn 29 49.60 0.9
eSn 30 05.60
ASK 1.34 326 iPn 29 50.30 -0.4
iSn 30 08.20
HYA 1.81 352 iPn 29 58.20 0.6
eSn 30 21.00
SUE 1.94 331 ePn 29 58.50 -1.0
eSn 30 23.10
S.D. = 0.9 on 6 of 6 obs.

• SEP 10, 1985 18h 47m 06.07± 2.62s
30.458 S ±16.4km 71.399 W ±20.0km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

JACH 2.32 163 iP 47 45.00 0.0
iS 48 13.80
RTCB 2.46 115 ePd 47 47.20 0.3
ROCH 2.53 173 eP 47 48.40 0.4
eS 48 25.00
ZON 2.57 116 eP 47 49.00 0.4
RTLL 2.66 110 ePd 47 50.00 0.1
S 48 26.70
CFA 2.94 114 ePc 47 54.00 0.2
S 48 37.00
BACH 2.99 165 iPc 47 54.00 -0.4
iS 48 37.20
FCH 3.01 162 eP 47 55.00 0.0
TACH 3.21 173 eP 47 55.70 -1.8
PCH 3.24 167 eP 47 58.00 -0.1
MDZ 3.25 139 eP 47 59.10 0.9
iS 48 48.50
VCA 3.27 59 ePc 47 58.00 -0.5
S 48 40.00
LNV 3.49 180 eP 48 03.90 2.5
I(S) 48 50.00
RFA 4.96 151 e(P) 48 20.00 -2.4
S.D. = 1.3 on 14 of 14 obs.

? SEP 10, 1985 18h 48m 44.59± 1.29s
1.493 N ±19.6km 127.038 E ±18.8km
DEPTH = 53.0km (normal)
4.8mb (1 obs.)
HALMAHERA (267)

WRA 22.48 162 iPc 53 42.20 -0.4
eS 57 43.00
ASPA 25.88 165 iPc 54 14.60 -0.8
0.4s 10.00nm 4.8mb
MEK 29.12 196 eP 54 45.00 0.3
MUN 34.84 196 eP 55 35.00 0.3
NWAO 35.46 194 eP 55 40.00 -0.1
YOU 40.84 153 iPd 56 25.10 0.1
CAN 41.99 153 iPd 56 34.60 0.2
WAM 42.66 154 iPd 56 40.40 0.5
HYB 50.19 291 eP 57 39.50 -0.2
S.D. = 0.5 on 9 of 9 obs.

SEP 10, 1985 19h 48m 10.20± 0.58s
6.687 S ± 7.0km 150.055 E ± 8.4km
DEPTH = 10.0km (geophysicist)
NEW BRITAIN REGION (192)

BIAL 1.69 36 eP 48 39.00 -0.9
LAT 3.03 270 eP 48 58.50 -0.6
RAB 3.25 40 e(P) 49 02.00 -0.3
ALOA 3.60 175 eP 49 08.00 0.8
MDG 4.49 288 eP 49 20.00 0.2
MOM 5.32 330 eP 49 34.00 2.4
CTA 13.82 195 iPc 51 39.40 10.8X
WRA 20.16 228 iPd 52 46.70 -1.0
eS 56 37.90
KNA 22.72 245 eP 53 13.50 -0.1
ASPA 22.93 221 eP 53 16.00 0.3
0.6s 74.00nm 5.4mb X
e(S) 57 29.00
YOU 27.50 183 eP 54 00.10 1.3
CAN 28.51 182 eP 54 09.00 1.0
MEK 35.94 233 eP 55 12.00 -1.0
KLB 39.03 226 eP 55 38.00 -0.9
BNG 131.70 270 ePKPc 07 25.10 -1.2
0.6s 3.00nm
S.D. = 1.2 on 14 of 15 obs.

? SEP 10, 1985 20h 10m 06.12± 2.66s
27.989 N ±19.0km 53.739 E ±45.6km
DEPTH = 33.0km (normal)
4.4mb (3 obs.)
SOUTHERN IRAN (353)
Felt in southeastern Fars Province.

SHI 1.96 327 iPc 10 38.00 0.1
eS 11 00.00
MLR 28.10 316 eP 15 58.00 1.0
KHC 37.26 316 P 17 15.50 -1.0
BRG 37.66 318 e(P) 17 26.00 6.3X
NUR 37.99 337 eP 17 22.00 -0.4
CLL 38.37 319 e(P) 17 44.00 18.3X
SUF 39.15 340 eP 17 34.00 1.9
KJF 39.87 343 eP 17 44.00 6.0X
BNG 40.85 241 ePc 17 46.90 0.2
0.3s 3.00nm 4.5mb
SLL 42.35 332 (P) 17 58.00 -0.4
0.3s 3.60nm 4.6mb
NAO 43.58 331 P 18 07.00 -1.5
1.1s 3.90nm 4.1mb
S.D. = 1.3 on 8 of 11 obs.

• SEP 10, 1985 20h 20m 39.86± 1.85s
37.415 N ±13.0km 21.204 E ±12.7km
DEPTH = 35.3 ± 17.2 km
4.0mb (3 obs.)
SOUTHERN GREECE (368)
ML 3.6 (ATH).

VLS 0.90 328 ePbd 20 56.00 -0.2
iSg 21 11.50
ATH 2.07 74 ePbd 21 12.50 -0.4
iSn 21 38.00
LIT 2.86 20 ePn 21 22.00 -2.2
KZN 2.92 9 ePn 21 26.50 1.4
THE 3.49 23 ePn 21 33.80 0.7
eSn 22 16.00
OHR 3.70 355 iPn 21 36.60 0.4
KNT 3.97 19 ePn 21 40.00 0.2
VAY 4.04 15 iPn 21 40.40 -0.5
SRS 4.14 26 ePn 21 42.20 -0.1
SKO 4.55 2 iPn 21 48.00 -0.2
iPg 22 03.00
iSn 22 38.00
MMB 4.60 24 iPd 21 48.00 -0.9
iS 22 45.00
KDZ 5.30 36 iP 21 58.00 -0.7
VTS 5.40 16 iP 22 00.00 -0.1
PLD 5.40 29 eP 22 23.00 22.9X
DIM 5.72 35 eP 22 07.00 2.3
PVL 6.48 27 iPd 22 17.00 1.7
CLO 7.75 8 ePd 22 30.50 -2.5
MLR 8.82 22 eP 22 54.00 6.0X
VRI 9.40 24 eP 22 57.00 1.1
NUR 23.22 4 eP 25 43.00 -1.3
NAO 24.33 348 P 25 57.10 1.9
0.5s 0.76nm 3.9mb
EKA 24.36 325 Pc 25 56.10 0.6
0.8s 4.40nm 4.1mb
SUF 25.51 5 eP 26 05.00 -1.4
BNG 32.91 185 ePd 27 13.00 -0.1
0.9s 5.00nm 4.4mb
S.D. = 1.4 on 22 of 24 obs.

SEP 10, 1985 20h 57m 07.46± 1.07s
35.866 N ±10.8km 1.347 E ± 8.6km
DEPTH = 24.3 ± 9.9 km
4.0mb (1 obs.)
ALGERIA (396)

OFD 0.29 46 iP 57 14.00 -0.3
ABA 1.65 55 iPn 57 37.50 2.2
iSn 58 00.50
ALM 3.23 289 iPn 57 56.90 -0.8
iSn 58 31.90
TAF 3.25 252 iPn 58 00.00 1.9
iSn 58 56.00
CRT 4.20 290 iP 58 13.50 1.9
IFR 5.83 248 iPn 58 32.00 -2.7
iSn 00 11.00
TOL 5.85 315 ePn 58 35.00 0.0
ePg 58 53.50
e(Sn) 59 27.00
eSb 59 37.00
iSg 59 55.00
MLS 7.09 358 eP 58 51.90 -0.3
EPF 7.20 354 Pn 58 54.90 1.0
LMR 8.45 27 Pn 59 10.40 -0.9
LRG 8.51 25 Pn 59 12.00 0.0
CDR 8.51 22 ePn 59 12.40 0.3
eSn 00 43.30
ed 00 43.60
FRF 8.70 26 Pn 59 13.50 -1.2
Sn 00 48.00
LPO 8.81 359 Pn 59 15.20 -1.0
CAF 9.07 3 Pn 59 18.60 -1.2
LFF 9.07 357 Pn 59 19.20 -0.7
RJF 9.43 1 Pn 59 24.00 -0.8
LSF 10.38 1 Pn 59 36.80 -1.0
MZF 10.38 5 Pn 59 37.60 -0.3
TCF 10.43 3 Pn 59 38.40 -0.2
LPG 10.46 21 Pn 59 40.50 1.3
BGF 10.74 6 Pn 59 43.00 0.2
MFF 10.78 354 Pn 59 43.00 -0.4
LDF 12.77 356 Pn 00 10.80 0.7
FLN 12.96 355 Pn 00 12.50 -0.1
WLF 14.23 13 P 00 38.20 8.9X
DOU 14.42 8 P 00 35.70 3.9X
KHC 16.00 30 Pd 00 58.00 5.5X
EKA 19.71 352 Pc 01 43.80 5.8X
1.0s 8.80nm 4.0mb
MLR 20.92 55 eP 01 51.00 0.3
S.D. = 1.2 on 26 of 30 obs.

SEP 10, 1985 21h 37m 29.41± 0.73s
6.640 S ± 9.0km 150.064 E ± 8.7km
DEPTH = 33.0km (normal)
NEW BRITAIN REGION (192)

BIAL 1.65 37 eP 07 56.00 -0.4
LAT 3.04 270 eP 08 15.00 -1.4
RAB 3.21 41 eP 08 19.00 0.3
ALOA 3.65 175 eP 08 25.00 0.1
PMG 3.98 226 eP 08 30.00 0.3
MDG 4.48 288 eP 08 38.00 1.2
KNA 22.75 245 eP 12 30.00 -0.1
S.D. = 1.0 on 7 of 7 obs.

• SEP 10, 1985 21h 31m 28.36± 0.95s
5.957 S ±11.8km 154.389 E ± 6.4km
DEPTH = 44.9 ± 10.3 km
5.2mb (5 obs.)
SOLOMON ISLANDS (193)

BGA 0.81 104 iPd 31 44.00 0.4

		eS	31	55.00		
PAA	1.15	107 iPd	31	48.30	0.8	
		eS	32	06.00		
RAB	2.82	308 eP	32	19.00	6.9X	
		IS	32	57.00		
BIAL	3.38	281 eP	32	23.00	3.0X	
ALOA	5.86	222 eP	32	53.00	-2.0	
VSG	6.21	122 eP	33	06.00	6.1X	
		eS	34	22.00		
SVO	6.24	121 eP	33	16.00	15.6X	
		eS	34	17.00		
HNR	6.50	122 eP	33	09.80	5.0X	
		eS	34	27.00		
LAT	7.38	264 eP	33	17.00	0.7	
PMG	7.95	244 eP	33	25.00	0.8	
CTA	16.12	20[illegible] iPc	35	19.00	5.5X	
	0.8s	5.97nm			3.8mb X	
NOU	20.00	146 iPc	35	59.50	-0.6	
WRA	23.94	233 eP	36	40.70	1.2	
		eS	40	35.60		
PPR	38.81	294 ePc	38	53.50	2.5X	
KMI	58.94	304 eP	41	26.00	-0.1	
LZH	63.16	315 eP	41	54.00	-0.4	
SHL	68.25	300 iP	42	26.60	-0.7	
PKI	74.38	301 iP	43	04.00	-0.2	
	1.1s	42.00nm			5.3mb	
KKN	74.55	301 iP	43	05.20	0.2	
	0.9s	29.00nm			5.2mb	
DMN	74.65	301 iP	43	05.50	-0.2	
	1.0s	89.00nm			5.7mb	
HYB	78.36	289 eP	43	25.80	-0.5	
GBA	78.80	285 Pd	43	28.80	0.1	
	0.2s	1.60nm			4.6mb	
SPA	84.08	180 iPc	43	56.90	1.3	
	0.9s	[illegible]4.55nm			5.1mb	
	S.D. = 0.9	on 16 of 23 obs.				

& SEP 10, 1985 22h 07m 27.90s
37.715 N 122.535 W
DEPTH = 8.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.5 (BRK).
Mo=5.3*10**19 (BRK). Felt at Pacifico and San Francisco.

PCC	0.25	150 iPc	07	32.80	-0.2	
		iS	07	36.20		
BRK	0.27	54 iPc	07	33.30	-0.2	
		eS	07	36.50		
BKS	0.29	56 iP	07	33.80	0.0	
		i	07	36.80		
		eS	07	38.10		
ZSP	0.32	44 iPc	07	34.50	0.1	
NWRM	0.79	34[illegible] eP	07	42.00	-1.4	
MHC	0.80	117 iPc	07	43.20	-0.5	
		iS	07	55.00		
ARN	0.88	114 eP	07	44.10	-0.9	
SLD	1.23	121 e(P)	07	50.30	-0.6	
SAO	1.29	137 eP	07	49.40	-2.5	
JAS1	1.69	82 eP	07	56.40	-1.4	
	10 obs. associated					

? SEP 10, 1985 23h 46m 52.29± 3.23s
24.513 S ±51.5km 115.845 W ±49.1km
DEPTH = 10.0km (geophysicist)
4.7mb (6 obs.) 4.5Msz (1 obs.)
EASTER ISLAND CORDILLERA (684)

ZOBO	45.30	89 P	55	13.40	0.4	
	1.2s	10.14nm			4.6mb	
	Z 21s	0.55um			4.5Msz	
JCT	56.80	17 eP	56	39.50	0.3	
	1.0s	12.50nm			4.9mb	
		e	56	46.50		
ALQ	59.80	9 eP	57	00.00	-0.2	
	1.0s	3.75nm			4.5mb	
NOP	60.31	360 P	57	04.00	0.5	
EUR	63.66	360 iP	57	27.00	0.9	
	0.5s	3.99nm			4.9mb	
BMN	64.62	359 eP	57	33.90	1.6	
GOL	64.62	9 eP	57	32.50	0.0	
	0.8s	1.19nm			4.1mb	
BDW	67.20	5 P	57	47.00	-1.9	
	1.0s	5.00nm			4.7mb	
GFM	68.34	29 P	57	55.50	-0.6	
RSSD	69.15	9 eP	58	00.50	-0.5	
NA2	71.84	31 P	58	17.30	0.2	
NEW	72.45	359 eP	58	21.00	0.4	
SOB1	72.60	92 eP	58	22.20	-0.1	
EDM	77.43	2 eP	58	48.00	-1.0	
	S.D. = 0.9	on 14 of 14 obs.				

? SEP 11, 1985 00h 42m 23.67± 1.13s
6.598 S ±13.5km 150.015 E ±14.2km
DEPTH = 33.0km (normal)
NEW BRITAIN REGION (192)

BIAL	1.64	39 eP	42	51.00	0.4	
LAT	3.00	269 eP	43	09.00	-0.9	
ALOA	3.69	174 eP	43	19.00	-0.8	
PMG	3.98	225 eP	43	26.00	2.1	
MDG	4.42	287 e(P)	43	41.00	10.8X	
WRA	20.19	227 iPd	46	57.80	-0.7	
AAI	21.92	277 eP	47	33.40	17.2X	
	S.D. = 1.8	on 5 of 7 obs.				

SEP 11, 1985 00h 47m 20.53± 0.36s
7.187 S ± 8.7km 106.868 E ± 9.3km
DEPTH = 53.8km (3 depth phases)
4.8mb (9 obs.)
JAVA (277)

TRT	5.74	95 ePc	48	47.80	2.5	
		iS	49	41.00		
PPI	9.29	316 ePd	49	35.70	1.1	
	0.7s	51.50nm			5.7mb	
		e(S)	51	22.00		
KGM	9.80	339 ePd	49	47.80	6.2X	
PSI	12.62	321 eP	50	22.00	2.4	
IPM	13.06	333 ePd	50	27.90	2.4	
		e	51	02.60		
NAU	17.39	152 eP	51	17.00	-4.0X	
	0.4s	16.00nm			4.5mb	
		eS	54	12.00		
MBL	18.71	139 eP	51	36.00	-1.3	
MEK	22.29	151 eP	52	16.00	1.3	
		eS	56	11.00		
MRWA	23.54	168 eP	52	27.00	0.1	
		eS	56	40.00		
CHG	26.99	343 eP	53	15.00	15.6X	
WRA	29.50	118 eP	53	20.20	-1.9	
		e	56	25.70		
GYA	33.44	360 eP	53	56.60	-0.1	
KOD	34.01	300 eP	54	03.00	1.0	
GBA	35.79	305 P	54	17.00	0.3	
HYB	37.16	311 eP	54	28.00	-0.3	
CD2	38.00	356 eP	54	34.60	-0.6	
CTA	40.25	113 iPd	54	55.30	1.2	
	0.9s	9.66nm			4.6mb	
PKI	40.31	330 eP	54	52.40	-2.4	
	0.5s	3.00nm			4.4mb	
KKN	40.56	330 eP	54	54.10	-2.6	
	0.7s	7.00nm			4.6mb	
STK	40.61	132 iPc	54	56.90	0.0	
XAN	41.05	3 eP	54	59.60	-0.8	
NDI	45.71	323 eP	55	37.00	-1.2	
		eS	02	13.00		
YOU	46.77	131 eP	55	47.40	0.8	
GTA	46.82	353 P	55	46.50	-0.5	
CN2	53.47	17 Pc	56	53.60	16.2X	
WMQ	53.66	343 eP	56	37.50	-1.5	
AVY	58.54	252 eP	57	14.00	-0.5	
MTD	73.91	255 iPc	58	54.00	1.6	
		IpP	59	08.90	53km	
KRI	75.79	254 iPc	59	03.00	-0.3	
		epP	59	18.00	53km	
SPA	82.86	180 eP	59	40.20	-0.3	
	0.5s	2.78nm			4.5mb	
VRI	88.29	316 ePd	00	08.00	0.4	
MLR	88.75	316 iPc	00	10.50	0.6	
BNG	88.89	275 iPd	00	10.20	-0.9	
	0.9s	18.00nm			5.4mb	
		id	00	26.20	56km	
CLO	90.86	315 ePd	00	20.50	0.9	
KJF	91.72	335 iP	00	23.00	-0.1	
	0.6s	17.00nm			5.6mb	
SUF	92.09	333 iP	00	24.80	-0.1	
	0.4s	2.20nm			4.9mb	
NUR	92.38	331 eP	00	27.00	0.8	
SOD	92.84	338 iP	00	27.70	-0.5	
SOB1	143.98	244 ePKP	06	50.00	-2.8X	
		e	07	12.30		
TUL	144.68	33 iPKPc	06	52.30	-1.0	
	0.8s	35.00nm				
RLO	144.89	32 iPKPc	06	52.50	-1.2	
VVO	145.13	33 iPKPc	06	53.60	-0.5	
BHO	146.32	34 e(PKP)	06	57.40	1.3	
TPZ	150.61	194 PKP	07	11.80	8.1X	
	S.D. = 1.3	on 38 of 44 obs.				

? SEP 11, 1985 01h 54m 02.40± 0.78s
24.941 S ±13.7km 115.831 W ±24.1km
DEPTH = 10.0km (geophysicist)
4.7mb (4 obs.) 4.5Msz (1 obs.)
EASTER ISLAND CORDILLERA (684)

LPB	45.23	89 P	02	29.00	6.6X	
CNCB	45.25	89 eP	02	29.00	6.3X	
ZOBO	45.29	89 P	02	24.00	0.9	
	Z 22s	0.69um			4.5Msz	
		LR	15	58.00		
LTX	55.21	13 e(P)	03	38.00	0.1	
JCT	57.21	16 eP	03	51.60	-0.5	
	1.0s	10.00nm			4.8mb	
ALQ	60.21	9 e(P)	04	11.00	-2.2	
JAS1	62.68	356 P	04	30.00	0.5	
MNA	63.08	358 P	04	33.00	0.7	
EUR	64.09	360 eP	04	39.50	0.5	
	1.0s	4.81nm			4.6mb	
GAS	64.58	354 P	04	43.70	1.6	
GOL	65.04	9 eP	04	45.30	0.0	
BMN	65.05	359 P	04	45.50	0.4	
SPA	65.21	180 e(P)	04	45.00	-1.0	
BDW	67.62	5 P	05	00.50	-1.2	
	1.0s	4.25nm			4.6mb	
HPI	68.36	2 P	05	05.00	-1.3	
RSSD	69.57	9 eP	05	13.80	0.1	
	1.1s	6.98nm			4.7mb	
SOB1	72.57	92 eP	05	47.90	15.7X	
NEW	72.87	359 eP	05	33.00	-0.2	
EDM	77.86	2 eP	06	02.00	0.5	
COL	92.91	347 eP	07	19.70	3.4X	
CHG	147.22	286 ePKP	13	47.00	1.1	
	S.D. = 1.0	on 17 of 21 obs.				

• SEP 11, 1985 01h 56m 24.17± 0.72s
33.020 N ±11.8km 47.469 E ± 7.7km
DEPTH = 33.0km (normal)
4.4mb (10 obs.)
WESTERN IRAN (347)

TEH	4.22	49 eP	57	28.00	0.0	
MLR	20.73	313 iPc	01	10.00	5.6X	
KBA	29.40	309 iP	02	26.80	0.1	
	0.7s	7.30nm			4.5mb	
FUR	31.04	310 iPd	02	41.30	0.3	
	1.0s	50.00nm			5.3mb	
NUR	31.30	338 eP	02	45.00	1.9	
SUF	32.65	342 iP	02	54.50	-0.4	
LPG	33.55	304 eP	03	03.00	-0.3	
	0.7s	6.60nm			4.7mb	
HFS	35.01	331 eP	03	14.50	-0.8	
	0.5s	3.80nm			4.6mb	
SMF	35.70	305 eP	03	21.60	0.2	
	0.6s	7.50nm			4.8mb	
AVF	36.05	306 eP	03	24.40	0.1	
	0.8s	3.30nm			4.3mb	
GRC	36.30	306 iPc	03	26.20	-0.2	
BGF	36.37	305 eP	03	27.20	0.2	
MZF	36.52	305 eP	03	28.80	0.5	
	0.8s	2.50nm			4.2mb	
NAO	36.57	331 P	03	26.50	-2.0	
	0.7s	1.60nm			4.0mb	
MLS	37.47	299 eP	03	35.90	-0.4	
		e	05	38.10		
LFF	37.74	302 eP	03	39.20	0.7	
GRR	39.05	308 eP	03	49.60	0.2	
BCAO	39.22	230 eP	03	51.00	-0.2	
	0.8s	0.92nm			3.6mb	
EKA	41.44	318 P	04	09.00	0.0	
	0.7s	2.30nm			4.0mb	
CHTO	47.97	94 eP	05	02.00	0.1	
	S.D. = 0.8	on 19 of 20 obs.				

SEP 11, 1985 01h 57m 20.73± 0.20s
40.349 N ± 4.3km 63.121 E ± 3.4km
DEPTH = 33.0km (normal)
4.8mb (32 obs.)
UZBEK SSR (339)
Felt (V) at Gazli and (III) at Bukhoro.

11d 01h

MHI	4.95	216	iPnd	58	35.20	0.4
			eSn	59	31.00	
KHJ	7.15	211	e(P)	59	05.00	-0.8
OUE	10.61	182	eP	59	54.00	0.3
			eS	03	20.00	
NDI	16.42	131	eP	01	11.00	0.8
			eS	04	04.00	
WMO	18.55	71	eP	01	34.50	-2.2
BWN	22.15	118	eP	02	16.40	0.9
KKN	22.15	118	eP	02	15.00	-0.5
	0.7s	14.00nm			4.5mb	
PKI	22.38	118	eP	02	17.80	-0.1
	0.7s	19.00nm			4.7mb	
VRI	26.97	294	ePc	03	01.50	0.4
WLR	27.54	293	iPd	03	08.00	1.6
GTA	28.05	88	eP	03	11.60	0.5
NUR	31.07	323	iP	03	36.80	-0.8
	0.5s	14.00nm			5.0mb	
			i	03	41.80	
SUF	31.38	328	iP	03	39.70	-0.6
	0.6s	17.90nm			5.1mb	
KJF	31.82	331	iP	03	40.80	-0.7
	0.5s	25.30nm			5.3mb	
			i	03	46.00	
SOD	33.85	335	iP	03	59.70	-0.3
			i	04	05.00	
SOP	33.85	298	eP	04	02.80	0.8
	0.8s	22.90nm			5.2mb	
CD2	34.09	93	eP	04	05.70	1.3
UPP	34.20	328	iP	04	03.60	-1.2
			i	04	09.20	
KEV	34.97	339	iP	04	10.80	-0.5
	0.9s	18.80nm			5.0mb	
			i	04	16.20	
PRU	35.02	302	P	04	12.50	0.5
			e	04	10.00	
BRG	35.36	304	iPc	04	15.10	0.2
	0.9s	20.00nm			5.0mb	
			i	04	20.20	
KHC	35.71	301	iPd	04	18.50	0.6
	0.9s	11.50nm			4.8mb	
			e	04	23.50	
CLL	35.94	305	iPd	04	19.70	-0.1
	1.0s	14.00nm			4.8mb	
			i	04	24.90	
KBA	36.09	298	iPc	04	21.20	-0.1
	0.6s	9.40nm			4.9mb	
			i	04	23.10	
XAN	36.70	85	Pc	04	26.40	-0.1
MOX	36.85	304	e(P)	04	28.00	0.5
GRF	37.19	302	eP	04	31.70	1.4
	1.3s	27.00nm			4.9mb	
NAO	37.70	321	P	04	32.40	-2.1
	0.7s	29.90nm			5.3mb	
GSS	38.32	298	eP+	04	40.10	0.0
SAX	38.78	299	eP+	04	43.50	-0.4
TMA	39.29	297	eP+	04	47.30	-0.9
WTS	39.74	306	iPd	04	52.50	0.9
	0.8s	13.00nm			4.7mb	
			i	04	58.00	
CBF	39.93	301	eP	04	53.60	0.2
DIX	40.29	297	eP+	04	56.40	-0.2
BSF	40.36	300	iPc	04	56.80	-0.1
	0.6s	8.60nm			4.7mb	
MEM	40.41	304	Pc	05	03.00	5.9X
WLF	40.48	303	P	05	04.00	6.5X
HAU	40.62	300	eP	04	59.10	0.2
LPG	40.87	297	eP	05	01.40	0.0
	0.8s	9.40nm			4.6mb	
DOU	41.38	304	Pc	05	11.00	5.9X
FRF	41.44	294	eP	05	05.90	0.3
	0.8s	12.80nm			4.7mb	
SMF	42.57	299	eP	05	15.20	0.3
	0.9s	13.10nm			4.7mb	
AVF	42.86	299	iPc	05	17.60	0.3
	0.8s	11.10nm			4.6mb	
GRC	42.93	300	iPd	05	08.00	-9.8X
BGF	43.26	299	eP	05	20.70	0.2
	0.8s	3.80nm			4.2mb	
MZF	43.52	299	eP	05	23.40	0.7
	0.9s	11.60nm			4.6mb	
CAF	44.22	297	eP	05	29.10	0.7
	0.9s	6.50nm			4.4mb	
RJF	44.49	298	eP	05	31.30	0.8
LDF	44.71	303	eP	05	32.80	-0.2
	1.0s	8.80nm			4.5mb	
SNY	44.76	67	Pd	05	32.60	0.8

LPO	44.89	297	eP	05	34.10	0.4
	0.8s	10.30nm			4.8mb	
FLN	44.90	303	eP	05	33.50	-0.2
	0.6s	5.60nm			4.6mb	
LFF	45.12	297	eP	05	36.10	0.5
	0.8s	10.30nm			4.8mb	
GRR	45.23	302	eP	05	36.10	-0.3
	0.6s	3.40nm			4.4mb	
MFF	45.24	300	eP	05	36.30	-0.2
CN2	45.43	64	Pc	05	37.50	-0.5
LPF	45.44	302	eP	05	38.20	0.2
EPF	45.99	295	eP	05	41.60	-0.9
DAG	49.28	342	iPc	06	07.00	-0.7
	0.5s	10.56nm			5.1mb	
TOL	50.20	293	eP	06	16.00	0.7
			i	06	21.50	
BNG	53.68	240	iPc	06	39.90	-1.7
	0.4s	16.00nm			5.4mb	
			id	06	45.10	
BCAO	53.69	240	iPc	06	39.80	-1.9
MTD	63.96	214	eP	08	00.80	7.7X
KRI	64.87	216	eP	07	59.00	0.0
BUL	68.22	215	eP	08	25.50	5.2X
KIC	69.07	260	eP	08	24.50	-1.1
			e	08	30.10	
FRB	69.41	339	eP	08	26.00	-0.9
COL	72.33	13	eP	08	45.00	0.5
	0.8s	10.07nm			4.9mb	
SCH	75.99	333	eP	09	05.00	-0.9
YKA	77.49	359	eP	09	15.80	1.8
FFC	84.44	351	iPc	09	51.10	0.2
	1.3s	15.00nm			5.0mb	
EDM	86.76	358	iP	10	03.50	1.0
OTT	87.01	332	eP	10	10.00	6.2X
WRA	89.27	117	eP	10	14.70	-0.2
SES	89.49	356	eP	10	16.00	0.3
RSSD	95.12	351	eP	10	43.30	1.3
RLO	101.25	342	ePdiff11	12.00		2.7X
TUL	101.67	343	ePdiff11	11.20		0.0
	0.8s	5.40nm			5.2mb	
ALQ	104.47	351	ePdiff11	23.80		-0.1
	S.D. = 0.8	on	71 of	79 obs.		

* SEP 11, 1985 02h 06m 53.96± 2.52s
16.517 N ±25.2km 98.461 W ±21.3km
DEPTH = 33.0km (normal)
NEAR COAST OF GUERRERO, MEXICO (58)

PIO	0.34	111	iP	07	02.30	0.0
			iS	07	08.70	
VHO	1.80	66	iP	07	22.50	-0.9
			iS	07	48.00	
III	2.08	333	iP	07	26.00	-1.5
TPM	2.52	347	iP	07	33.50	-0.1
IIP	2.85	351	iP	07	38.00	-0.4
			iS	08	08.50	
UNM	2.88	346	iP	07	41.00	2.2
			iS	08	14.00	
PBJ	2.93	91	iP	07	39.90	0.6
			i	07	50.00	
TAC	2.96	346	iP	07	40.00	0.1
OXM	3.00	337	iP	07	45.00	4.4X
IIC	3.32	347	iP	07	48.00	2.9X
	S.D. = 1.3	on	8 of	10 obs.		

? SEP 11, 1985 02h 40m 34.30± 0.86s
24.930 S ±15.7km 115.958 W ±27.0km
DEPTH = 10.0km (geophysicist)
4.6mb (4 obs.)
EASTER ISLAND CORDILLERA (684)

ZOBO	45.41	89	eP	48	56.80	0.9
	0.8s	2.52nm			4.3mb	
JCT	57.23	17	eP	50	24.00	-0.2
	0.8s	5.97nm			4.7mb	
ALQ	60.22	9	e(P)	50	40.00	-5.1X
ARN	62.17	355	P	50	58.50	0.4
JAS1	62.66	356	P	51	02.00	0.7
MNA	63.06	358	P	51	05.00	0.9
EUR	64.08	360	eP	51	09.50	-1.4
	0.9s	5.80nm			4.8mb	
GAS	64.56	354	P	51	15.50	1.6
BMN	65.03	359	eP	51	17.50	0.6
SPA	65.22	180	e(P)	51	17.00	-1.0
BDW	67.62	5	P	51	31.20	-2.4
	0.8s	2.37nm			4.4mb	
HPI	68.35	2	P	51	39.00	0.8

RSSD	69.58	9	eP	51	44.0	-1.3
NEW	72.86	359	P	52	04.0	-1.3
EDM	77.85	2	eP	52	33.50	0.2
RSON	77.98	14	eP	52	33.80	-0.3
CHG	147.11	266	ePKP	00	19.00	1.4
	S.D. = 1.2	on	16 of	17 obs.		

SEP 11, 1985 02h 44m 01.14± 0.50s
28.266 N ± 9.4km 140.581 E ± 7.9km
DEPTH = 33.0km (normal)
4.6mb (8 obs.)
BONIN ISLANDS REGION (212)

TSK	7.93	357	eP	45	56.90	-0.1
SSE	17.09	284	P	48	00.00	0.9
ANP	17.31	264	eP	48	06.00	4.1X
MDJ	18.53	335	eP	48	12.00	-4.8X
DL2	18.99	309	eP	48	25.00	2.6
NJ2	19.16	287	Pc	48	26.00	2.0
SNY	19.36	319	Pd	48	24.00	-2.8
CN2	19.70	326	Pd	48	28.00	-2.5
QZH	19.94	266	Pc	48	33.00	-0.1
			S	52	09.00	
TIA	21.33	298	eP	48	47.70	0.3
BAG	21.90	242	eP	48	54.00	0.5
			eS	53	00.00	
OCP	22.61	237	eP	48	55.00	-5.3X
WHN	22.95	282	eP	49	04.50	1.0
BJI	23.29	307	eP	49	07.00	0.3
HKC	24.58	262	eP	49	21.00	1.6
			e(S)	53	54.00	
GZH	25.06	264	P	49	24.00	0.0
TIY	25.34	299	eP	49	24.00	-2.7
DAV	25.40	217	iP	49	30.00	2.7X
			eS	54	02.00	
HHC	26.86	305	eP	49	41.00	0.2
XAN	27.63	290	eP	49	47.60	-0.1
			S	54	30.00	
BTO	27.91	304	P	49	50.00	-0.2
GYA	30.12	275	eP	50	08.60	-1.7
			S	55	10.00	
CD2	32.04	284	eP	50	27.10	0.1
GTA	35.37	299	eP	50	56.10	0.3
			S	56	29.50	
CHTO	39.15	265	eP	51	27.80	0.1
	1.2s	11.46nm			4.5mb	
WMO	44.74	305	eP	52	14.00	0.8
WRA	48.30	188	eP	52	38.70	-2.7
CTA	48.38	173	eP	52	42.00	0.1
ASPA	52.03	188	eP	53	10.00	0.2
	0.8s	10.00nm			4.6mb	
NDI	55.08	287	eP	53	33.00	0.6
			eS	01	18.00	
PMR	56.22	33	P	53	40.00	-0.1
COL	57.00	29	eP	53	46.00	0.4
	1.0s	9.50nm			4.8mb	
FBA	57.00	29	P	53	46.00	0.4
GBA	60.16	270	Pc	54	07.90	-0.4
	1.0s	6.70nm			4.7mb	
INK	62.56	25	eP	54	23.00	-0.7
GMW	73.89	44	P	55	35.00	0.4
PNT	75.05	42	eP	55	42.00	0.7
	0.8s	6.00nm			4.6mb	
NEW	77.00	42	eP	55	53.00	0.7
SES	79.40	38	eP	56	06.00	0.6
BMN	80.67	49	eP	56	14.60	2.0
LRM	80.98	43	eP	56	13.10	-1.1
HPI	81.68	45	P	56	20.00	2.0
EUR	81.98	49	iP	56	20.50	1.0
	0.8s	2.65nm			4.3mb	
NAO	82.28	338	P	56	17.40	-3.0
	1.1s	6.30nm			4.6mb	
BDW	84.36	44	eP	56	33.00	1.3
	1.0s	2.40nm			4.3mb	
ALQ	90.81	49	e(P)	57	00.00	-2.9
	S.D. = 1.4	on	42 of	46 obs.		

SEP 11, 1985 03h 07m 31.39± 0.12s
52.764 N ± 3.1km 152.636 E ± 2.3km
DEPTH = 538.5km (4 depth phases)
4.9mb (82 obs.)
NORTHWEST OF KURIL ISLANDS (220)

MDJ	17.20	251	iPc	11	03.00	1.0
TSK	18.76	213	eP	11	16.50	-0.6
MAT	19.13	218	iPd	11	20.80	0.2
DDR	19.26	215	eP	11	21.90	0.0

SRY	19.59	214	eP	11	25.10	0.2		0.7s	44.00nm		4.9mb	KNA	71.28	204	eP	17	57.50	-0.1
KYS	19.67	212	eP	11	27.90	2.2	PCC	58.42	68	ePc	16	46.90	9.9X	PRU	71.66	333	Pc	17	59.50	0.1
OYM	19.77	214	eP	11	26.40	-0.2	MHC	58.95	68	IPc	16	41.10	0.3				e	19	11.50	
CN2	20.09	254	iPd	11	28.40	-1.1	GCC	58.97	69	ePc	16	40.90	0.2	WTS	71.74	339	IP	18	00.00	0.2
			esP	13	39.00		ARN	59.01	68	eP	16	41.70	0.7	MOX	71.84	335	eP	18	00.00	-0.5
SNY	22.38	252	iPd	11	50.50	0.1	BMN	59.21	63	IPc	16	43.20	0.7	MLR	72.00	324	IPd	18	02.00	0.3
DL2	25.43	249	Pd	12	17.30	-0.4	JAS1	59.22	67	IPc	16	43.20	0.8	SRO	72.51	330	IP	18	05.00	0.6
SDN	27.23	66	eP	12	32.20	-1.2				e	16	48.00		ZST	72.54	331	IP	18	05.20	0.7
BJI	27.86	258	eP	12	38.00	-1.0	FRB	59.48	20	IPc	16	41.10	-2.6	KHC	72.70	333	IPc	18	06.00	0.5
TTA	28.38	49	IPc	12	43.70	0.3		0.4s	24.00nm			4.9mb			0.8s	27.00nm			4.8mb	
IMA	29.32	42	IPc	12	51.90	0.3	NUR	59.66	333	IP	16	43.90	-1.1	COZ	72.72	325	IPd	18	06.50	0.7
TIA	29.87	251	Pd	12	56.20	-0.2		0.6s	13.00nm			4.5mb		CTA	72.75	186	IPd	18	05.70	-0.3
HHC	30.12	263	Pc	12	58.50	-0.2	PRS	59.82	69	IPc	16	46.80	0.4		0.9s	22.27nm			4.7mb	
KDC	30.92	59	IPc	13	04.50	-0.7	LLA	59.86	68	ePc	16	47.20	0.6	GRF	72.82	335	eP	18	06.80	0.6
BTO	31.21	264	eP	13	08.00	0.1	MNA	60.12	65	IPc	16	49.30	0.8		0.8s	41.00nm			5.0mb	
SSE	31.48	239	Pc	13	10.40	0.3	FRI	60.28	67	IPc	16	49.70	0.3	WET	72.88	334	iPc	18	07.20	0.7
TIY	31.59	258	Pd	13	11.20	0.1	PRI	60.35	68	eP	16	51.80	1.8		1.0s	25.00nm			4.7mb	
PMR	31.74	51	eP	13	11.60	-0.4	EUR	60.56	63	IP	16	52.10	0.6	KOD	72.95	264	eP	18	07.50	-0.2
	0.5s	8.20nm			4.6mb			0.2s	30.14nm			5.3mb		ENN	73.09	339	iPc	18	07.80	0.2
PME	31.78	51	eP	13	12.90	0.6				pP	18	39.10	531km		1.0s	42.00nm			4.9mb	
	0.8s	89.00nm			5.4mb		BDW	61.53	56	IP	16	58.10	0.3	MEM	73.22	339	Pc	18	08.20	-0.1
COL	31.83	44	IPc	13	13.70	0.9		0.5s	32.94nm			5.0mb		ETA	73.43	347	iPc	18	08.90	-0.6
	0.7s	162.67nm			5.7mb					pP	18	47.20	541km		0.8s	24.00nm			4.8mb	
FBA	31.83	44	IPc	13	13.60	0.8	CWC	61.59	66	eP	16	58.00	-0.2	CLO	73.47	325	eP	18	10.00	0.1
NJ2	31.97	243	Pd	13	14.00	-0.2	AKU	61.67	356	IP	16	58.10	0.1	TUL	73.60	52	iPc	18	11.00	0.2
WHN	35.60	247	Pd	13	44.00	-0.6		0.9s	30.25nm			4.7mb			0.8s	129.10nm			5.5mb	
XAN	36.17	256	iPd	13	49.00	-0.3	ISA	61.93	67	IP+	17	00.00	-0.3				e	18	17.80	
INK	36.86	37	ePd	13	54.30	-0.2	UPP	62.05	336	IP	16	59.60	-1.0				e	18	22.10	
	0.5s	81.00nm			5.6mb		CLC	62.31	67	IP+	17	03.00	0.3				e	18	54.30	
LZH	37.81	264	iPd	14	04.00	1.1	RSON	62.63	41	IPc	17	03.30	-1.2				e	19	08.60	
GTA	38.13	271	iPd	14	06.60	1.2		0.5s	59.59nm			5.3mb		SNF	73.68	340	P	18	11.10	0.1
MBC	39.09	22	eP	14	12.00	-0.6	NAO	62.72	340	P	17	02.40	-2.5	RLO	73.76	51	IPc	18	11.50	-0.2
	0.5s	34.00nm			5.2mb			0.7s	29.10nm			4.8mb		OTT	73.80	33	eP	18	10.50	-1.2
SIT	39.87	54	iPc	14	21.30	2.2	HFS	62.73	338	eP	17	04.10	-0.8		0.8s	51.00nm			5.1mb	
CD2	41.46	258	iPd	14	32.80	0.6		0.6s	37.40nm			5.0mb		ECB	73.83	347	iPc	18	11.30	-0.5
WMO	42.75	285	IPc	14	43.70	1.3	SBB	63.00	68	IP+	17	08.00	0.9	ECP	73.95	347	iPc	18	12.10	-0.4
		S		20	30.00					e	18	56.00			0.7s	45.00nm			5.1mb	
GYA	43.07	251	Pd	14	45.00	-0.1	GSC	63.13	66	IP+	17	08.00	0.1	DOU	74.01	339	P	18	12.90	0.1
SZP	43.22	228	iPd	14	47.50	1.3	PAS	63.20	68	eP	17	08.00	-0.3	ISO	74.05	193	eP	18	13.00	-0.3
	1.0s	250.00nm			5.7mb		MWC	63.21	68	eP	17	09.00	0.4	WLF	74.07	338	P	18	13.50	0.3
ALE	43.79	6	IPc	14	49.70	-0.3	RSSD	63.25	52	IP	17	08.60	-0.2	VVO	74.09	52	IPc	18	13.80	0.3
	0.7s	29.00nm			4.9mb			0.8s	111.62nm			5.4mb		WRA	74.13	198	IPd	18	13.70	-0.1
KMI	46.36	253	Pd	15	10.50	-0.2				pP	18	58.40	540km				ePcP	20	08.00	
			pP	16	54.00	568kmX	RVR	63.76	68	eP	17	11.00	-0.9				eS	22	53.20	
YKA	46.39	40	eP	15	11.20	1.0	IPM	63.95	240	IPd	17	11.10	-2.2	FUR	74.21	334	IPc	18	14.50	0.5
YKC	46.45	40	IPc	15	10.60	0.0		0.8s	29.70nm			4.9mb			0.9s	30.00nm			4.8mb	
	0.6s	45.00nm			5.2mb					e	17	41.00		FVM	74.38	47	IP	18	14.70	-0.5
PHC	47.12	59	eP	15	16.00	0.1	TPC	64.43	67	iP+	17	16.00	-0.2		0.6s	97.53nm			5.5mb	
CGP	49.68	217	iPc	15	34.50	-0.9	PLM	64.52	68	IP+	17	17.00	0.0	MNT	74.39	32	ePc	18	14.70	-0.3
PGC	50.42	59	eP	15	41.00	0.5	KGM	64.94	237	ePd	17	20.00	0.5		0.6s	35.00nm			5.0mb	
DAG	50.62	357	IPd	15	40.30	-1.4	BAR	65.13	68	eP	17	20.00	-0.6	BUH	74.51	336	eP	18	15.90	0.2
	0.4s	56.78nm			5.4mb		GLA	65.89	67	IP+	17	25.00	-0.3	KBA	74.64	332	IPc	18	17.30	0.7
		i		16	48.00		GOL	65.93	56	eP	17	24.90	-0.9		0.6s	52.30nm			5.2mb	
KEV	51.59	339	iP	15	48.00	-0.9		0.7s	8.01nm			4.4mb		PTN	74.77	33	P	18	16.00	-1.1
	0.8s	20.50nm			4.6mb		GLD	65.97	56	eP	17	26.70	0.8	LTX	74.85	62	iP	18	18.90	0.9
PNT	51.97	50	IPc	15	51.60	-0.3		1.2s	56.57nm			5.0mb			1.0s	13.00nm			4.3mb	
	0.6s	32.00nm			4.9mb		LHC	66.32	40	eP	17	20.50	-7.2X				pP	20	14.10	542km
SHL	52.48	264	iP	15	55.50	-0.6	PSI	66.65	241	ePd	17	29.50	-0.6	RSNY	74.94	33	P	18	17.30	-0.8
EDM	52.48	49	IPc	15	55.50	-0.1		0.7s	28.00nm			4.9mb		CDF	74.98	337	iPc	18	18.70	0.3
	0.5s	80.00nm			5.3mb		HYB	66.71	268	ePd	17	29.50	-1.0		0.8s	30.60nm			4.8mb	
CHG	53.46	252	iPd	16	03.20	0.3		0.8s	35.70nm			5.0mb		SLE	75.29	336	eP+	18	20.20	0.2
	0.9s	51.47nm			4.9mb		SCH	67.92	23	ePc	17	36.40	-1.0	OGA	75.47	334	IPc	18	22.00	0.8
CHTO	53.46	252	iPd	16	03.30	0.4		0.5s	40.00nm			5.2mb			0.7s	24.00nm			4.8mb	
	0.9s	52.86nm			4.9mb		ALQ	69.00	60	eP	17	44.00	-0.4	ELC	75.49	47	P	18	21.20	0.0
		ipP		17	49.80	557kmX		0.9s	14.29nm			4.5mb		HNME	75.50	28	iP	18	20.80	-0.3
SOD	53.55	337	iP	16	02.20	-0.8	EDU	69.23	346	ePc	17	44.20	-0.9	SKLY	75.55	33	P	18	21.20	-0.2
NEW	53.91	56	IPc	16	05.70	-0.1		0.6s	28.00nm			5.0mb		ZUL	75.58	336	eP+	18	22.00	0.4
	0.9s	28.30nm			4.6mb		ELO	69.41	346	ePc	17	45.50	-0.7	HAU	75.58	337	IPc	18	22.00	0.4
KKN	54.86	271	iPd	16	13.20	0.2	EBH	69.59	346	IPc	17	46.90	-0.4		0.8s	16.10nm			4.5mb	
PKI	54.94	270	iPd	16	13.60	-0.1		0.7s	39.00nm			5.1mb		BSF	75.64	337	iPc	18	22.10	0.1
DMN	55.10	271	iPd	16	15.10	0.4	EAB	69.77	347	IPc	17	48.00	-0.3		0.8s	14.90nm			4.5mb	
FHC	55.24	67	eP	16	16.70	1.4	ESY	69.78	345	IPc	17	47.90	-0.5	OSS	75.87	334	eP+	18	24.20	0.8
SES	55.43	51	iPc	16	16.10	-0.4		0.6s	37.00nm			5.1mb		OLY	75.96	49	P	18	23.50	-0.4
	0.5s	78.00nm			5.3mb		EDI	69.86	346	ePc	17	48.20	-0.6	JCT	75.96	58	iP	18	24.00	0.0
KJF	55.82	334	iP	16	18.00	-0.9	EAU	69.97	346	ePc	17	49.30	-0.3		0.9s	34.03nm			4.8mb	
	0.8s	26 40nm			4.6mb			0.6s	37.00nm			5.1mb		LLS	76.00	335	eP+	18	24.60	0.5
WDC	56.20	66	iPc	16	22.50	0.7	EBL	69.98	346	ePc	17	49.20	-0.4	MIM	76.03	29	P	18	23.80	-0.2
		e		16	24.60			0.6s	13.00nm			4.6mb		VDL	76.23	335	eP+	18	26.10	0.7
FFC	56.40	42	iPc	16	22.70	-0.4	GBA	70.33	267	P	17	50.70	-1.5	FLN	76.30	342	iPc	18	25.80	0.3
	0.6s	74.00nm			5.2mb		EKA	70.42	346	Pd	17	51.10	-1.1		0.6s	21.40nm			4.8mb	
MIN	56.87	66	iPc	16	26.80	0.1		0.5s	26.60nm			5.0mb		LDF	76.40	342	iPc	18	26.30	0.3
SUF	57.43	334	iPc	16	29.40	-0.5	ESK	70.45	346	eP	17	52.50	0.2		0.6s	15.10nm			4.6mb	
	0.3s	7.40nm			4.5mb		CLL	70.87	335	IPc	17	54.50	-0.4	GRR	76.73	342	iPc	18	28.40	0.5
ORV	57.48	66	iPc	16	30.50	-0.1		0.9s	31.00nm			4.8mb			0.7s	55.90nm			5.1mb	
		e		16	33.80		WIT	71.01	339	P	17	56.50	0.9	TMA	76.74	335	eP+	18	28.10	-0.1
LRM	57.91	55	iPc	16	33.90	0.1	BRG	71.02	334	iPc	17	55.20	-0.5	GRC	76.99	339	iPc	18	29.50	0.3
BKS	58.24	68	eP	16	36.40	0.6		1.2s	20.00nm			4.5mb		MMK	77.02	336	eP+	18	30.70	0.9

11d 03h

LPF 77.11 342 iPc 18 30.70 0.8
0.6s 35.00nm 5.0mb
DIX 77.13 336 eP+ 18 31.30 0.9
AVF 77.41 339 iPc 18 32.00 0.5
0.8s 31.30nm 4.8mb
SMF 77.44 339 iPc 18 32.20 0.5
0.6s 10.80nm 4.5mb
BGF 77.74 339 iPc 18 33.80 0.5
0.8s 11.60nm 4.4mb
LPG 77.84 336 iPc 18 35.40 1.2
0.6s 31.00nm 4.9mb
ASPA 77.84 198 iPd 18 35.00 0.9
TBR 78.07 34 P 18 34.20 -1.0
MZF 78.12 339 iPc 18 36.40 1.0
0.8s 30.20nm 4.8mb
MFF 78.31 341 iPc 18 37.20 0.9
0.8s 26.80nm 4.7mb
RSCP 78.50 45 P 18 37.00 -0.6
RJF 79.21 340 eP 18 41.90 0.8
0.6s 6.10nm 4.2mb
CAF 79.46 339 iPc 18 43.60 1.2
0.6s 10.80nm 4.5mb
NA2 79.47 38 P 18 42.70 0.2
FRF 79.68 336 eP 18 44.00 0.5
0.6s 5.80nm 4.2mb
LFF 79.73 340 iPc 18 44.80 1.0
0.6s 17.30nm 4.7mb
CDR 79.79 336 ePc 18 43.60 -0.5
LRG 79.85 336 iPc 18 45.40 1.0
0.6s 22.30nm 4.8mb
LPO 79.88 340 iPc 18 45.70 1.1
0.6s 10.80nm 4.5mb
LMR 79.93 336 iPc 18 45.40 0.6
0.8s 19.80nm 4.6mb
CVF 80.03 334 eP 18 45.60 0.2
0.6s 12.50nm 4.5mb
PRM 81.16 43 P 18 51.30 -0.1
MLS 81.55 339 eP 18 53.80 0.6
EPF 81.64 340 iPc 18 54.10 0.4
0.6s 13.50nm 4.7mb
SOB1 135.20 19 e(PKP) 25 50.00 -1.0
SPA 142.58 180 ePKP 25 59.00 -4.0X
0.9s 5.91nm
e 28 48.20
ROCH 143.11 75 ePKP 26 02.70 -2.4X
JACH 143.15 74 iPKPd 26 03.00 -2.0
PEL 143.42 75 iPKPd 26 03.80 -1.6
LNV 143.57 77 iPKPd 26 03.80 -1.7
TACH 143.64 76 ePKPd 26 04.30 -1.4
FCH 143.79 75 ePKP 26 05.50 -0.8
PCH 143.88 75 iPKP 26 05.00 -1.2
VAO 146.73 34 ePKP 26 14.00 2.9X
e 26 16.70
BMA 147.34 30 ePKP 26 16.40 4.3X
S.D. = 0.8 6h 207 of 213 obs.

* SEP 11, 1985 04h 51m 55.12± 0.73s
21.947 S ±19.4km 169.675 E ±12.1km
DEPTH = 33.0km (normal)
4.1mb (2 obs.)
LOYALTY ISLANDS REGION (189)

NOU 3.01 263 iPd 52 42.50 0.9
iS 53 26.00
KOU 5.22 284 eP 53 11.50 -1.4
iS 54 13.20
CTA 21.94 271 eP 56 53.00 5.3X
1.0s 5.50nm 3.9mb
WRA 33.02 267 eP 58 30.40 0.8
SBA 55.97 181 e(P) 01 32.20 0.1
SPA 68.19 180 e(P) 02 53.20 -1.1
CHTO 80.15 295 eP 04 04.00 0.0
1.0s 2.50nm 4.2mb
BRG 145.46 333 ePKP 11 28.20 -3.0X
CLL 145.52 334 e(PKP) 11 29.00 -2.3X
ZST 145.84 327 ePKP 11 29.30 -2.6X
PRU 145.84 331 ePKP 11 29.20 -2.7X
EKA 146.23 353 PKPd 11 33.10 0.8
1.0s 6.40nm
SKO 146.74 314 ePKP 11 33.00 -0.6
KHC 146.90 331 ePKP 11 32.40 -1.3
BNG 147.05 242 iPKPd 11 35.30 0.4
0.4s 9.00nm
MEM 148.66 340 PKP 11 41.30 5.0X
WLF 149.42 339 PKP 11 41.80 4.3X
CDF 150.08 336 ePKP 11 40.20 1.5
BSF 150.74 336 ePKP 11 41.80 2.0X
0.8s 4.90nm
HAU 150.76 337 ePKP 11 41.80 2.1X
0.6s 1.80nm
FLN 152.11 346 ePKP 11 44.40 2.8X
0.8s 5.50nm
LPG 152.66 333 ePKP 11 47.10 4.2X
0.6s 1.80nm
S.D. = 1.1 on 11 of 22 obs.

* SEP 11, 1985 05h 09m 33.63± 0.43s
16.701 S ± 9.2km 176.063 E ± 8.2km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
FIJI ISLANDS REGION (181)

NDF 1.69 129 ePd 10 00.90 -0.4
eS 10 54.30
SGE 1.99 117 eP 10 05.00 -0.7
VUN 2.63 120 iPd 10 04.20 -10.6X
NOU 10.64 237 iPc 12 08.00 1.1
KRP 21.15 181 P 14 19.90 1.8
CTA 28.47 259 eP 15 26.00 -1.9
MSZ 28.72 192 P 15 29.90 0.0
WRA 39.67 259 eP 17 00.30 -4.2X
SBA 61.35 182 iPc 19 47.80 -0.3
1.0s 23.00nm 5.3mb
SPA 73.40 180 eP 21 03.10 -1.1
1.1s 19.05nm 5.0mb
JAS1 80.61 46 eP 21 45.80 1.2
CHTO 83.64 292 ePd 22 00.80 0.1
0.8s 3.29nm 4.5mb
BMN 83.99 45 eP 22 02.30 0.0
LRM 89.50 42 ePd 22 29.60 0.4
ALQ 89.55 53 eP 22 30.00 0.4
1.1s 3.80nm 4.6mb
KHC 144.65 340 PKP 29 06.90 -1.7
MEM 145.24 349 PKP 29 08.60 -0.8
DOU 145.98 350 PKP 29 10.90 0.2
WLF 146.12 348 PKPc 29 11.60 0.7
KBA 146.50 338 iPKPc 29 11.50 -0.4
1.0s 10.60nm
CDF 147.07 346 ePKP 29 14.00 1.3
HAU 147.66 347 ePKP 29 15.70 2.2X
BSF 147.72 346 ePKP 29 15.80 2.1X
FLN 147.90 356 ePKP 29 16.00 2.2X
GRR 148.30 356 ePKP 29 17.50 3.0X
LPF 148.67 356 ePKP 29 18.20 3.1X
GRC 148.95 351 ePKPc 29 19.00 3.5X
AVF 149.39 350 ePKP 29 19.80 3.6X
SMF 149.45 349 ePKP 29 20.00 3.6X
BGF 149.70 351 ePKP 29 20.80 4.1X
LPG 149.93 345 ePKP 29 22.10 4.6X
MFF 150.02 355 ePKP 29 21.60 4.4X
MZF 150.07 351 ePKP 29 22.00 4.7X
RJF 151.12 352 ePKP 29 24.20 5.3X
LFF 151.58 353 ePKP 29 25.10 5.5X
S.D. = 1.1 on 19 of 35 obs.

* SEP 11, 1985 07h 45m 00.08± 2.14s
36.511 N ±10.4km 70.959 E ±14.0km
DEPTH = 191.2 ± 24.8 km
4.7mb (12 obs.)
HINDU KUSH REGION (718)

NDI 9.42 144 iPc 47 12.50 -0.3
0.6s 36.00nm 4.9mb
iS 48 49.50
DMN 14.91 123 eP 48 23.00 0.1
0.7s 14.00nm 4.5mb
KKN 14.91 122 eP 48 22.40 -0.5
0.6s 32.00nm 4.9mb
PKI 15.14 122 eP 48 25.40 -0.5
0.7s 15.00nm 4.5mb
POO 18.09 171 eP 49 00.50 0.4
HYB 20.17 159 eP 49 22.50 1.1
1.0s 50.00nm 5.0mb
eS 53 03.00
GBA 23.54 164 P 49 55.50 1.3
S 54 17.50
NUR 37.80 324 iP 51 59.30 0.3
0.6s 15.60nm 4.8mb
SUF 37.90 328 iP 52 00.40 0.6
SOD 39.71 335 iP 52 15.00 0.3
KEV 40.78 338 iP 52 23.90 0.5
0.7s 12.00nm 4.6mb
BRG 42.59 308 iP 52 39.90 1.4
0.6s 10.00nm 4.5mb
HFS 43.04 322 eP 52 42.[illegible] [illegible]
0.5s 16.70nm [illegible]mb
NAO 44.52 323 [illegible] 52 51.80 2.0
0.7s 11.70nm 4.[illegible]mb
BNG 57.62 249 iPc 54 30.30 -2.2
0.5s 8.00nm 4.7mb
INK 73.90 9 eP 56 16.00 0.9
COL 74.47 16 eP 56 18 00 -0.5
0.8s 7.46nm 4 [illegible]mb
WRA 82.03 122 iPc 56 59.10 [illegible].0
S.D. = 1.1 on 18 of 18 obs

* SEP 11, 1985 07h 55m 30.86± 1.24s
6.578 S ±17.3km 150.053 E ±18.7km
DEPTH = 33.0km (normal)
NEW BRITAIN REGION (192)

LAT 3.03 268 eP 56 17.00 -0.7
RAB 3.17 42 eP 56 19.00 -0.6
PMG 4.02 225 eP 56 33.00 1.3
KVG 4.05 11 eP 56 33.00 0.9
WRA 20.23 227 eP 00 05.20 -0.9
S.D. = 1.5 on 5 of 5 obs.

? SEP 11, 1985 08h 11m 31.84± 3.12s
35.906 N ±45.9km 71.143 E ±33.8km
DEPTH = 129.5 ± 38.1 km
3.8mb (3 obs.)
PAKISTAN (710)

NDI 8.85 143 e(P) 13 38.00 0.0
DMN 14.46 121 eP 14 52.00 0.2
0.5s 7.00nm 4.2mb
PKI 14.70 120 eP 14 54.60 -0.2
0.8s 4.00nm 3.8mb
CHG 29.84 117 eP 17 29.00 0.1
CHTO 29.84 117 eP 17 28.80 -0.1
NAO 45.09 323 P 19 36.20 0.0
0.5s 0.70nm 3.6mb
S.D. = 0.2 on 6 of 6 obs.

& SEP 11, 1985 08h 20m 37.81s
62.967 N 149.082 W
DEPTH = 55.2km
CENTRAL ALASKA (1)
<AGS-P>.

GHO 1.20 176 iP 20 57.86 -0.8
iS 21 13.18
SML 1.21 163 iP 20 57.93 -0.9
PME 1.34 179 iP 20 59.86 -0.7
iS 21 17.80
PWA 1.37 196 iP 21 00.14 -0.8
SCM 1.40 144 iP 21 01.25 -0.2
SKT 1.51 230 iP 21 02.05 -0.8
KNK 1.59 169 iP 21 03.46 -0.5
iS 21 23.28
TOA 1.60 121 iP 21 04.94 0.7
SUA 1.70 208 eP 21 05.23 -0.4
eS 21 27.88
PMS 1.74 188 eP 21 05.50 -0.7
iS 21 28.55
CFI 1.90 160 eP 21 07.23 -1.0
FBA 2.02 16 iP 21 11.02 1.0
eS 21 34.26
KLU 2.09 134 iP 21 09.78 -1.4
PTE 2.11 179 eP 21 11.51 0.2
iS 21 37.50
PWL 2.14 170 iP 21 10.44 -1.4
CRP 2.24 222 eP 21 12.95 -0.3
VLZ 2.25 144 eP 21 11.21 -2.0
eS 21 42.20
VZW 2.26 147 eP 21 11.45 -2.0
GLI 2.30 155 iP 21 12.32 -1.6
MPA 2.49 183 eP 21 17.24 0.6
SLKM 2.53 193 eP 21 17.36 0.1
eS 21 50.56
FID 2.54 150 eP 21 15.43 -2.0
KNIM 2.71 166 iP 21 18.25 -1.5
23 obs. associated

% SEP 11, 1985 08h 26m 42.19± 1.18s
59.315 N ±10.3km 6.911 E ± 6.7km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.6 (BER). Probable explosion.

ODD	0.65	349	iPg	26	55.00	-0.1
			iSg	27	04.30	
KMY	0.86	264	iPg	26	59.40	0.0
			eSg	27	10.50	
KONO	1.41	75	ePn	27	09.00	-0.1
			iSn	27	27.50	
ASK	1.46	324	iPn	27	09.80	0.1
			eSn	27	28.50	
HYA	1.89	349	iPn	27	16.50	0.5
			iSn	27	41.40	
SUE	2.05	329	iPn	27	17.90	-0.4
			eSn	27	40.90	

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

SEP 11, 1985 08h 37m 35.43± 0.31s
11.141 S ± 6.4km 112.218 E ± 9.0km
DEPTH = 33.0km (normal)
5.1mb (10 obs.)
SOUTH OF JAVA (282)

TRT	3.44	7	ePc	38	28.00	0.0
			iS	39	02.40	
NAU	11.77	165	eP	40	18.00	-6.0X
	0.4s	28.00nm			5.8mb	
			eS	42	21.00	
MEK	16.51	160	eP	41	12.00	-14.2X
			eS	44	13.00	
MRWA	18.33	169	eP	41	46.00	-2.9
	0.6s	25.00nm			4.6mb	
			eS	44	54.00	
IPM	19.18	324	ePc	41	57.90	-1.4
MUN	21.06	171	eP	42	20.00	0.9
			eS	46	00.00	
NWAO	22.17	16[illegible]	eP	42	30.50	0.3
WRA	23.02	115	eP	42	38.20	-0.5
			eS	46	29.30	
ASPA	24.11	124	eP	42	49.00	-0.3
	0.7s	87.00nm			5.4mb	
			e(S)	47	11.00	
CHG	32.52	336	eP	44	06.00	0.4
CTA	33.91	109	iP	44	18.00	0.3
	1.0s	8.50nm			4.6mb	
KMI	37.21	346	eP	44	47.50	1.6
KOD	40.55	300	eP	45	14.00	0.0
GBA	42.37	305	P	45	28.90	0.4
CD2	42.59	349	eP	45	30.30	0.1
HYB	43.72	310	eP	45	40.00	0.4
XAN	45.04	356	eP	45	48.00	-2.0
PKI	46.44	326	eP	46	01.10	-0.4
	0.7s	9.00nm			4.8mb	
DMN	46.63	326	eP	46	02.60	-0.3
	0.7s	30.00nm			5.4mb	
KKN	46.68	32[illegible]	eP	46	02.80	-0.4
	0.8s	16.00nm			5.0mb	
POO	47.98	308	iPd	46	13.40	0.0
	0.8s	26.87nm			5.3mb	
GTA	51.60	348	P	46	40.80	-0.1
MAT	53.37	26	eP	46	52.00	-2.1
WMQ	59.08	340	eP	47	35.00	0.1
QUE	59.87	315	eP	47	39.50	-1.2
MTD	77.99	255	iPc	49	35.90	3.1X
			ipP	49	45.60	31kmX
SPA	78.93	180	e(P)	49	37.30	0.1
KRI	79.85	255	eP	49	43.00	0.0
BUL	80.30	251	ePc	49	42.00	-3.4X
	0.9s	5.04nm			4.5mb	
			ipP	49	56.10	49kmX
BNG	94.44	274	iPc	50	54.30	0.1
	1.0s	10.00nm			5.2mb	
			id	51	03.70	
RSON	135.07	23	PKP	56	54.80	1.7
ALQ	137.64	50	e(PKP)	57	00.00	1.3
LTX	141.99	56	e(PKP)	57	01.70	-4.9X
	1.3s	5.66nm				
JCT	144.61	52	iPKP	57	11.00	0.0
	1.0s	57.50nm				
			i	57	20.50	
TUL	144.63	41	ePKPc	57	10.70	-0.1
	1.0s	26.10nm				
			i	57	20.20	
RLO	144.97	40	ePKPc	57	11.80	0.4
VVO	145.01	42	ePKPc	57	12.00	0.6
HNME	145.10	0	PKP	57	11.70	0.5
OTT	145.20	10	ePKP	57	11.50	0.1
	0.7s	18.00nm				
MNT	145.40	7	ePKP	57	12.50	0.8
BHO	146.16	43	ePKP	57	15.80	2.4X
RSNY	146.21	9	PKP	57	15.00	1.8
FVM	146.45	33	PKP	57	16.00	2.2X
SOB1	146.48	234	ePKP	57	16.90	2.4X
			e	57	26.50	
YJA	146.82	184	ePKP	57	19.00	3.6X
POW	147.32	37	PKP	57	18.00	2.8X
TPZ	147.53	184	PKP	57	22.70	6.3X
OLY	147.59	38	PKP	57	19.00	3.3X
ELC	147.60	33	PKP	57	19.00	3.4X
RSCP	150.78	31	PKP	57	38.50	17.9X
NAV	151.43	22	PKP	57	38.50	16.9X
CCH	151.61	183	ePKP	57	09.00	-13.7X
			i	57	15.00	
GFM	152.09	25	PKP	57	30.30	7.5X
CNCB	152.23	180	iPKP	57	33.50	9.6X
LPB	152.50	179	ePKP	57	31.00	6.9X
ZOBO	152.76	179	PKP	57	33.80	9.1X
PRM	153.56	28	PKP	57	34.00	9.4X

S.D. = 1.0 on 36 of 57 obs.

& SEP 11, 1985 08h 46m 30.89s
60.034 N 153.064 W
DEPTH = 98.8km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.19	40	iP	46	44.81	1.3
RDT	0.63	31	iP	46	47.29	-0.6
NNL	0.89	89	iP	46	50.62	0.3
CNPM	1.06	118	iP	46	51.43	-0.7
			iS	47	07.68	
BRLK	1.13	103	iP	46	52.23	-0.8
CRP	1.32	19	iP	46	54.53	-0.8
			iS	47	13.41	
CGLM	1.38	22	iP	46	55.12	-1.0
SLKM	1.49	70	eP	46	55.83	-1.6
			iS	47	15.08	
SVW	1.66	312	iP	46	58.23	-1.3
SEW	1.81	86	iP	46	59.47	-2.0
			iS	47	22.02	
SUA	1.83	37	iP	47	00.73	-1.1
			eS	47	23.17	
MPA	1.90	75	eP	47	00.83	-1.8
PMS	2.11	53	iP	47	03.82	-1.6
			iS	47	29.18	
PTE	2.17	66	eP	47	03.99	-2.1
PWA	2.25	42	eP	47	06.14	-1.1
PWL	2.49	69	iP	47	07.25	-3.2
KNK	2.65	57	eP	47	09.75	-2.9
			iS	47	40.26	
GHO	2.67	47	eP	47	10.57	-2.4
KNIM	2.68	81	eP	47	09.65	-3.4
			eS	47	40.31	
MTU	2.72	89	iP	47	11.61	-1.9
			eS	47	42.17	
SML	2.92	50	iP	47	13.24	-3.0
GLI	3.08	71	eP	47	14.62	-3.8
FID	3.35	75	eP	47	17.63	-4.5
KLU	3.80	64	iP	47	24.78	-3.6

24 obs. associated

SEP 11, 1985 08h 57m 44.98± 1.31s
8.018 S ± 7.2km 108.848 E ± 7.6km
DEPTH = 96.2 ± 11.9 km
5.1mb (18 obs.)
JAVA (277)

TRT	3.76	86	eP	58	44.30	2.4
			iS	59	12.40	
KGM	11.39	331	ePd	00	35.10	9.0X
PSI	14.53	317	ePd	01	05.50	-1.7
IPM	14.75	328	ePd	01	08.90	-1.1
			e	01	36.00	
NAU	15.80	157	eP	01	17.00	-6.2X
	0.2s	50.00nm			5.4mb	
			eS	03	55.00	
AAI	19.72	79	ePc	02	10.50	1.0
MEK	20.66	155	eP	02	18.00	-1.1
			eS	05	55.00	
KNA	20.94	113	eP	02	20.00	-1.9
	0.8s	68.00nm			5.0mb	
MRWA	22.14	163	iPd	02	33.00	-0.8
	0.5s	8.00nm			4.3mb	
MRWA	22.14	163	eP	02	44.00	10.2X
			eS	06	24.00	
MUN	24.80	165	eP	03	18.00	18.5X
			eS	07	30.00	
WRA	27.38	118	eP	03	22.10	-1.3
			eS	98	38.70	
CHG	28.39	340	eP	03	32.50	0.0
ASPA	28.61	126	eP	03	33.00	-1.4
	0.8s	268.00nm			5.9mb	
			e(S)	09	07.00	
KOD	36.12	300	iPc	04	42.00	1.9
	0.9s	33.61nm			5.3mb	
GBA	37.87	304	P	04	55.00	0.6
CTA	38.12	112	iPd	04	57.10	0.6
	1.0s	33.00nm			5.2mb	
STK	38.60	132	eP	05	00.00	-0.4
CD2	39.01	353	eP	05	04.50	0.7
HYB	39.18	310	eP	05	06.00	0.6
	1.0s	50.00nm			5.3mb	
XAN	41.83	0	P	05	27.70	0.8
PKI	42.03	328	eP	05	28.20	-0.8
	0.7s	8.00nm			4.7mb	
DMN	42.22	328	eP	05	30.00	-0.5
	0.8s	31.00nm			5.2mb	
KKN	42.27	328	eP	05	30.20	-0.7
	0.8s	19.00nm			5.0mb	
POO	43.45	308	eP	05	40.50	0.1
TIA	44.68	10	eP	05	49.60	-0.3
YOU	44.75	132	iPd	05	51.00	0.3
			e	06	49.40	
TIY	45.61	4	P	05	58.00	0.6
CAN	45.67	133	eP	05	58.30	0.4
			i	06	49.90	
BRS	45.76	121	iPd	05	59.30	0.5
WAM	45.99	134	eP	06	01.30	1.0
			e	06	53.40	
GTA	47.92	351	iPc	06	16.90	1.2
BJI	48.29	8	eP	06	18.50	0.2
SNY	51.41	14	iPd	06	41.00	-1.0
MAT	52.19	30	eP	06	46.00	-2.1
CN2	53.73	15	Pc	06	57.60	-1.6
WMQ	55.04	341	Pc	07	09.00	0.0
QUE	55.32	315	eP	07	10.00	-1.4
NOU	57.07	111	iPc	07	24.00	0.3
SBA	75.71	169	eP	09	21.30	0.2
	1.0s	9.00nm			4.6mb	
BUL	78.16	251	iPc	09	37.20	1.3
	0.9s	6.30nm			4.5mb	
SPA	82.04	180	iPd	09	51.00	-4.7X
	0.6s	9.76nm			4.8mb	
KJF	93.31	334	iP	10	50.80	1.0
	0.7s	28.00nm			5.7mb	
SUF	93.73	333	iP	10	52.50	0.8
	0.5s	2.30nm			4.8mb	
NUR	94.06	330	iP	10	54.00	0.7
	0.6s	9.10nm			5.4mb	
SOD	94.35	337	iP	10	54.90	0.3
HFS	99.47	330	eP	11	18.70	0.8
	0.5s	2.60nm			5.1mb	
NAO	100.86	330	Pdiff	11	24.20	0.0
	1.0s	3.40nm			4.9mb	
ALQ	137.99	45	e(PKP)	17	04.00	3.0X
RSNY	143.49	4	PKP	17	08.30	-1.9
SKLY	144.09	4	PKP	17	10.00	-1.1
TUL	144.26	35	ePKP	17	10.80	-0.9
	0.7s	7.90nm				
RLO	144.51	34	iPKP	17	11.40	-0.8
VVO	144.70	36	ePKP	17	12.40	-0.1
JCT	145.11	46	iPKP	17	14.50	1.1
	0.7s	23.97nm				
			i	17	36.00	
SOB1	145.34	241	ePKP	17	15.00	0.8
			e	17	26.40	
			e	17	38.70	
FVM	145.45	27	PKP	17	14.40	0.7
BHO	145.87	36	ePKP	17	16.80	2.3X
POW	146.56	30	PKP	17	17.50	2.0
OLY	146.92	31	PKP	17	20.00	3.8X
YJA	149.49	190	ePKPd	17	29.00	7.8X
RSCP	149.53	24	PKP	17	24.80	4.5X
NAV	149.55	15	PKP	17	25.40	5.1X
GFM	150.39	18	PKP	17	27.80	6.0X
PRM	152.08	20	PKP	17	32.10	8.0X

S.D. = 1.1 on 52 of 65 obs.

? SEP 11, 1985 09h 08m 33.21± 1.15s
38.819 N ± 7.7km 27.485 E ±17.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.46	203	iPg	08	42.50	0.0

11d 09h

			ISg	08	50.50	
EZN	1.35	319	ePn	08	58.00	0.0
EDC	1.55	11	iPn	09	01.10	0.2
BNT	1.57	12	ePn	09	01.00	-0.2
HRT	2.61	39	ePn	09	21.00	4.8X
S.D. = 0.3			on	4	of 5	obs.

• SEP 11, 1985 10h 22m 17.64± 0.85s
28.181 N ± 8.8km 140.471 E ±11.0km
DEPTH = 33.0km (normal)
4.1mb (2 obs.)
BONIN ISLANDS REGION (212)

MAT	8.55	348	(P)	24	23.00	0.8
			(S)	26	08.00	
SSE	17.02	285	P	26	17.00	2.4
			S	29	40.00	
ANP	17.20	264	e(P)	26	16.00	-1.1
MDJ	18.56	335	eP	26	33.00	-0.7
			eS	30	00.00	
DL2	18.97	309	eP	26	43.50	4.8X
NJ2	19.09	287	Pd	26	40.00	-0.2
			S	30	21.00	
SNY	19.36	319	eP	26	44.00	0.7
			sP	26	53.00	
			S	30	22.00	
CN2	19.72	326	Pc	26	48.50	1.3
			sP	26	58.00	
QZH	19.83	266	eP	26	45.00	-3.5X
			S	30	29.00	
TIA	21.28	298	eP	27	03.20	-0.3
			eS	31	04.00	
BAG	21.78	242	eP	27	08.00	-0.7
			eS	31	16.00	
QCP	22.49	237	eP	27	23.00	7.4X
WHN	22.87	282	eP	27	22.00	2.7X
			S	31	37.00	
BJI	23.26	307	eP	27	23.50	0.6
HKC	24.47	262	eP	27	39.00	4.1X
			e(S)	32	16.00	
GZH	24.95	264	P	27	39.00	-0.5
DAV	25.28	217	eP	27	45.00	2.4
			eS	32	16.00	
TIY	25.30	299	eP	27	42.70	-0.1
			S	32	20.00	
HHC	26.83	306	eP	27	56.00	-1.0
XAN	27.57	290	eP	28	02.80	-0.9
			eS	32	47.00	
BTO	27.87	304	P	28	07.00	0.6
			S	32	52.00	
LZH	31.86	294	eP	28	39.50	-2.5
CD2	31.97	284	eP	28	42.50	-0.4
			eS	33	56.20	
GTA	35.33	299	P	29	11.90	-0.1
			S	34	46.90	
CHTO	39.05	265	eP	29	44.00	0.7
	1.2s		5.21nm			4.2mb
WMQ	44.71	305	eP	30	24.00	-5.5X
WRA	48.21	188	iPc	30	56.60	-0.5
NDI	55.01	287	eP	31	54.00	5.6X
			eS	39	54.00	
COL	57.12	29	eP	32	02.00	-1.0
PNT	75.18	42	eP	33	59.00	0.5
NB2	82.04	338	P	34	32.20	-3.4X
	0.9s		1.90nm			4.1mb
ZOBO	151.08	72	PKP	42	10.00	5.9X
LPB	151.22	72	ePKPd	42	06.00	1.9X
CNCB	151.45	73	(PKP)	42	07.00	2.3X
TPZ	155.34	80	(PKP)	42	13.00	3.3X
S.D. = 1.2			on	23	of 35	obs.

SEP 11, 1985 10h 43m 39.65± 0.54s
6.580 S ± 7.3km 149.972 E ± 9.1km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
NEW BRITAIN REGION (192)

BIAL	1.66	40	eP	44	06.00	-0.8
LAT	2.95	268	eP	44	24.00	-1.3
RAB	3.23	43	e(P)	44	28.50	-0.7
ALOA	3.72	174	eP	44	34.00	-2.1
PMG	3.96	225	eP	44	41.00	1.4
KVG	4.06	12	eP	44	42.50	1.4
MDG	4.37	287	eP	44	51.00	5.5X
CTA	13.90	195	iPd	46	58.80	2.1
	1.0s		8.50nm			4.5mb
RMQ	19.83	183	iPc	48	11.70	1.0
WRA	20.17	227	iPd	48	13.20	-1.1
			eS	51	54.70	
BRS	20.87	173	iPc	48	20.20	-1.3
NOU	22.30	136	iPc	48	35.50	-0.4
KNA	22.69	245	eP	48	40.00	0.3
YOU	27.60	183	iPc	49	26.60	0.6
CAN	28.62	182	eP	49	35.80	0.6
WAM	29.49	182	eP	49	30.30	-12.7X
MEK	35.94	233	eP	50	38.50	-0.8
KLB	39.04	226	eP	51	04.00	-1.3
DRV	60.38	185	eP	53	47.60	0.0
SPA	83.46	180	eP	56	06.00	0.8
	0.9s		10.00nm			4.9mb
BNG	131.62	270	ePKPc	02	57.00	5.1X
	0.4s		3.00nm			
VAO	146.25	151	ePKP	03	20.00	1.7
S.D. = 1.3			on	19	of 22	obs.

SEP 11, 1985 11h 08m 30.50± 0.62s
36.366 N ± 5.6km 28.796 E ± 4.2km
DEPTH = 52.2 ± 5.8 km
4.2mb (14 obs.)
DODECANESE ISLANDS (369)

YER	0.87	332	iPg	08	48.10	1.3
ELL	0.97	67	iPg	08	49.50	1.3
BCK	1.81	52	iPn	09	02.00	2.2
IZM	2.37	329	iPn	09	08.00	0.3
CSS	3.95	109	eP	09	30.50	0.4
EZN	3.97	331	iPn	09	30.50	0.2
EDC	4.04	350	iPn	09	30.60	-0.7
BNT	4.04	350	iPn	09	30.50	-0.9
GPA	4.09	16	iPn	09	33.00	0.9
YLV	4.22	6	ePn	09	33.00	-0.9
KGT	4.24	344	iPn	09	33.50	-0.7
HRT	4.50	8	iPn	09	37.00	-0.8
ISK	4.70	2	ePn	09	40.00	-0.5
CTT	4.78	357	iPn	09	40.50	-1.3
KDE	5.33	22	iPn	09	50.00	0.5
DMK	5.51	352	iPn	09	50.50	-1.5
KDZ	5.91	334	iPd	09	57.00	-0.6
BHL	6.13	112	Pn	09	59.00	-1.8
			Sn	11	03.00	
DIM	6.20	337	eP	09	52.00	-9.6X
LIT	6.21	309	ePn	10	02.60	0.8
ADI	6.23	120	iP	10	01.00	-1.1
			eS	11	08.00	
THE	6.25	315	ePn	10	04.90	2.6
			eSn	11	14.90	
JMB	6.33	345	eP	10	08.00	4.5X
CRI	6.33	124	iP	10	02.00	-1.6
HRI	6.49	116	iP	10	04.50	-1.4
			eS	11	15.00	
MMB	6.54	324	iPc	10	06.00	-0.5
PLD	6.55	332	eP	10	11.00	4.4X
KNT	6.64	318	ePn	10	10.00	2.1
VAY	6.93	317	iPn	10	13.80	1.9
PSN	7.32	357	iPd	10	17.00	-0.3
PVL	7.32	339	iPc	10	16.00	-1.4
VTS	7.58	327	iPgd	10	23.00	2.1
			iSg	10	47.00	
RMN	7.61	139	iP	10	02.00	-19.5X
			eS	11	40.50	
OHR	7.84	310	ePn	10	27.80	3.2X
SKO	8.00	317	iPnc	10	29.00	2.3
	0.6s		70.00nm			5.7mb X
TLB	8.23	356	iPc	10	28.50	-1.4
CFR	8.82	357	iPc	10	36.50	-1.6
ISR	8.93	350	eP	10	40.50	0.9
MLR	9.37	348	ePd	10	44.50	-1.2
VRI	9.62	351	eP	10	38.00	-11.1X
CLO	9.81	334	eP	10	53.00	1.3
MSR	10.11	344	eP	11	00.00	4.2X
VOY	14.78	315	eP	12	02.30	4.4X
KBA	15.71	318	i(P)	12	14.40	4.5X
	1.0s		14.10nm			4.1mb
			i	12	16.40	
			i	12	25.10	
			i	12	30.70	
			i	12	52.90	
KHC	16.92	324	eP	12	26.30	1.3
			e	12	56.50	
PRU	17.09	327	eP	12	30.50	3.4X
			e	12	35.00	
BRG	18.00	328	eP	12	48.20	9.8X
	1.2s		10.00nm			3.8mb
CLL	18.72	328	eP	12	46.00	-1.2
	1.8s		14.00nm			3.9mb
			e	12	58.00	
MOX	18.88	324	ePc	12	49.00	-0.1
	1.1s		18.90nm			4.2mb
			e	12	58.00	
LPG	18.94	306	eP	12	48.50	-1.7
	0.9s		18.00nm			4.3mb
CDF	19.86	314	eP	12	59.80	-0.2
BSF	19.87	312	eP	13	00.30	-0.2
HAU	20.22	312	eP	13	03.90	-0.2
SMF	21.24	307	eP	13	13.60	-0.4
	0.9s		21.20nm			4.5mb
LBF	21.27	308	eP	13	14.00	-0.4
SSF	21.60	308	eP	13	16.80	-0.3
	0.7s		8.10nm			4.2mb
AVF	21.61	307	eP	13	16.40	-1.3
	0.8s		5.50nm			4.0mb
BGF	21.86	306	eP	13	19.10	-1.1
	0.8s		8.20nm			4.2mb
MZF	21.93	305	eP	13	19.50	-1.4
TCF	22.20	305	eP	13	23.10	-0.5
NUR	24.31	355	iP	13	45.80	1.9
	0.8s		30.80nm			4.9mb
			i	13	54.00	
LDF	24.42	309	eP	13	45.60	0.4
FLN	24.70	309	eP	13	47.30	-0.6
GRR	24.82	308	eP	13	47.90	-1.1
	0.5s		3.30nm			4.1mb
LPF	24.83	307	eP	13	48.90	-0.2
HFS	25.70	342	eP	13	56.30	-0.8
	0.7s		3.70nm			4.0mb
Z	13s		0.46um			4.2MszX
			LR	15	16.00	
TOL	25.99	288	eP	14	16.00	15.9X
SUF	26.43	357	iP	14	04.70	0.9
	0.5s		3.30nm			4.2mb
KJF	27.87	359	eP	14	16.00	-0.9
			e	14	25.00	
SOD	31.08	358	eP	14	44.00	-1.4
BNG	33.15	199	iPc	15	04.90	0.9
	0.4s		37.00nm			5.6mb X
			id	15	17.20	
KIC	42.81	234	iP	16	25.30	0.4
	0.6s		31.00nm			5.2mb
WMQ	44.84	62	iPd	16	42.50	1.3
HYB	47.67	100	ePd	17	04.00	0.3
DMN	47.98	84	eP	17	07.30	0.9
KKN	48.04	83	eP	17	07.30	0.5
PKI	48.23	84	eP	17	08.60	0.1
	0.9s		39.00nm			5.4mb X
GBA	48.96	105	P	17	14.30	0.6
GTA	54.78	64	iPd	17	57.40	0.1
CD2	61.20	71	P	18	42.90	0.6
HHC	62.50	58	Pc	18	51.70	0.7
CHTO	63.33	86	eP	18	57.80	1.2
			epP	19	12.80	54kmX
XAN	63.65	66	eP	18	58.30	-0.2
GYA	65.56	74	P	19	11.80	0.7
BJI	66.01	57	eP	19	14.00	0.4
PSI	72.44	100	eP	19	54.00	0.5
S.D. = 1.1			on	74	of 86	obs.

• SEP 11, 1985 11h 09m 24.92± 0.72s
36.563 N ±11.2km 71.391 E ± 9.6km
DEPTH = 33.0km (normal)
4.2mb (5 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.36	212	eP	11	13.00	0.0
			eS	12	30.00	
NDI	9.26	146	e(P)	11	43.00	3.8X
DMN	14.64	124	eP	12	52.00	0.2
	0.5s		12.00nm			4.6mb
KKN	14.64	123	eP	12	51.20	-0.6
	0.5s		8.00nm			4.4mb
PKI	14.87	123	eP	12	55.20	0.3
	0.5s		5.00nm			4.1mb
HFS	43.21	322	eP	17	24.40	0.2
	0.5s		2.40nm			4.2mb
Z	15s		0.22um			4.2MszX
			LR	24	15.00	
NB2	44.52	323	P	17	34.60	-0.2
	0.5s		1.00nm			3.9mb
S.D. = 0.4			on	6	of 7	obs.

• SEP 11, 1985 12h 36m 41.56± 2.19s
36.593 N ±17.1km 71.511 E ±10.5km

DEPTH = 70.5 ± 26.9 km
4.4mb (3 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.44	212	eP	38 28.00	-1.8
			eS	39 45.00	
NDI	9.24	147	eP	38 55.50	1.2
			eS	40 31.50	
MHI	9.69	272	eP	39 02.00	1.4
KKN	14.58	123	eP	40 05.40	-0.3
DMN	14.58	124	eP	40 05.60	-0.2
PKI	14.81	123	eP	40 08.20	-0.6
HYB	20.09	160	eP	41 13.00	1.0
	0.8s	28.50nm			4.7mb
GBA	23.50	165	P	41 46.00	0.2
	0.6s	10.10nm			4.4mb
NB2	44.55	323	P	44 47.00	-0.8
	0.5s	0.90nm			3.8mb

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

? SEP 11, 1985 13h 10m 07.47± 2.58s
30.814 N ±20.8km 121.772 E ±31.7km
DEPTH = 33.0km (normal)
EASTERN CHINA (664)

SSE	0.58	299	Pn	10 19.70	0.6
			Pg	10 20.80	
			Sn	10 33.50	
			Sg	10 34.50	
NJ2	2.78	297	ePn	10 50.50	-0.1
			Pg	11 04.20	
			Sg	11 47.80	
ANP	5.61	182	eP	11 15.00	-15.9X
TATO	5.82	183	e(P)	11 35.80	2.0
			eLg	13 09.50	
WHN	6.40	267	eP	11 56.40	14.5X
QZH	6.49	206	ePn	11 41.70	-1.4
TIA	6.64	325	eP	11 56.10	10.9X
WRA	51.89	165	eP	19 14.00	-1.1

S.D. = 2.0 on 5 of 8 obs.

? SEP 11, 1985 13h 30m 33.16±16.99s
34.077 S ±66.0km 72.194 W ±120.km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.66	80	iPc	30 45.50	-0.5
TACH	1.13	68	iPd	30 52.10	-0.6
			iS	31 06.50	
CHCH	1.29	84	iP	30 55.40	0.4
SAN	1.42	64	iPc	30 57.00	0.1
PCH	1.47	72	iP	30 58.00	0.3
ROCH	1.48	42	iP	30 57.60	-0.4
BACH	1.59	63	iPc	30 59.40	0.0
			iS	31 21.00	
FCH	1.75	65	iPc	31 02.10	0.1
			iS	31 24.50	
JACH	1.93	44	iP	31 04.60	0.2
RTC8	3.85	49	e(P)	31 36.50	4.8X
RTLL	4.17	50	e(P)	31 40.20	4.1X

S.D. = 0.4 on 9 of 11 obs.

% SEP 11, 1985 13h 32m 44.26± 0.81s
60.741 N ± 6.2km 5.605 E ± 8.2km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.8 (BER).

ASK	0.33	218	iPg	32 50.50	-0.5
			iSg	32 54.80	
HYA	0.51	33	iPg	32 54.60	0.0
			eSg	33 03.20	
SUE	0.52	308	iPg	32 54.80	0.0
			iSg	33 02.20	
ODD	0.95	146	ePn	33 02.00	-0.4
			eSn	33 16.00	
KMY	1.54	187	ePn	33 12.80	1.0
			iSn	33 32.50	

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

* SEP 11, 1985 15h 07m 30.79± 0.89s
6.699 S ±10.5km 149.944 E ±11.0km
DEPTH = 33.0km (normal)
NEW BRITAIN REGION (192)

LMG	2.83	219	iPc	08 15.50	0.8
LAT	2.93	271	eP	08 16.00	0.0
RAB	3.33	42	eP	08 22.00	0.1
ALOA	3.60	173	eP	08 25.50	-0.2
PMG	3.86	226	eP	08 33.50	4.2X
WRA	20.07	228	iPc	12 03.70	-0.7
			e	14 43.00	

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

SEP 11, 1985 15h 22m 59.17± 0.53s
7.093 N ± 8.0km 94.629 E ± 6.4km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
NICOBAR ISLANDS REGION (704)

TSI	5.30	132	ePc	24 19.50	1.4
SNG	5.94	89	eP	24 27.00	-0.2
PSI	6.11	135	ePc	24 29.70	0.1
IPM	6.84	111	ePd	24 36.00	-3.8X
	0.6s	28.70nm			5.3mb
			e	25 52.90	
			e	26 53.00	
NNT	7.42	42	eP	24 48.00	0.0
KGM	10.02	120	eP	25 23.00	-1.0
NST	10.09	32	eP	25 25.50	0.6
GBA	18.10	292	Pd	27 10.20	0.3
	1.0s	5.60nm			3.7mb
HYB	18.75	305	eP	27 17.50	-0.3
POO	23.20	301	eP	28 13.50	9.2X
WRA	47.42	125	eP	31 32.00	-0.8
MTD	66.69	248	eP	34 02.00	12.4X
BUL	70.30	246	eP	34 13.00	0.9
BCAO	75.69	273	e(P)	34 42.80	-1.0

S.D. = 0.9 on 11 of 14 obs.

SEP 11, 1985 15h 24m 10.28± 0.47s
25.419 N ± 8.6km 97.682 E ± 4.5km
DEPTH = 33.0km (normal)
5.1mb (9 obs.) 3.9Msz (1 obs.)
BURMA-CHINA BORDER REGION (297)

KMI	4.59	93	ePn	25 19.00	-0.4
			Pg	25 35.00	
			Sg	26 31.00	
SHL	5.24	273	eP	25 29.50	0.9
			eS	26 26.00	
CHTO	6.68	170	ePn	25 47.80	-0.8
			iPg	26 12.00	
			iSg	27 37.00	
LSA	7.20	308	ePn	25 57.20	0.9
GYA	8.15	81	ePn	26 08.00	-1.4
BDT	8.23	171	eP	26 33.90	23.6X
PKI	11.20	284	eP	26 49.20	-2.3
	0.7s	29.00nm			5.6mb
KKN	11.35	285	eP	26 50.80	-2.6
	0.8s	54.00nm			5.8mb
DMN	11.47	284	eP	26 53.00	-2.1
LZH	11.88	25	eP	26 55.50	-4.9X
XAN	13.00	46	eP	27 13.00	-2.3
GTA	14.07	7	eP	27 33.10	3.7X
WHN	15.58	67	P	27 47.50	-1.6
TIY	17.53	42	eP	28 12.80	-1.0
BTO	18.30	31	eP	28 23.10	-0.3
			eS	31 40.00	
NDI	18.52	285	eP	28 21.00	-4.9X
			eS	31 47.00	
HHC	19.25	34	eP	28 36.00	1.2
HYB	19.49	250	eP	28 40.00	2.3
	1.0s	60.00nm			4.8mb
NJ2	19.69	66	eP	28 40.40	0.7
TIA	19.83	53	eP	28 41.20	0.1
WMQ	20.08	339	eP	28 43.00	-0.8
BJI	21.26	42	eP	28 57.00	1.2
SSE	21.45	69	eP	28 59.00	1.2
KSH	22.97	313	P	29 17.00	4.0X
SNY	26.92	46	eP	29 50.90	0.6
QUE	27.55	287	eP	29 49.00	-7.4X
CN2	29.09	44	eP	30 13.40	3.5X
KJF	58.71	331	iP	34 07.00	0.2
	1.0s	26.00nm			5.3mb
VRI	59.23	310	eP	34 11.00	0.3
SUF	59.28	329	iP	34 11.40	0.7
	0.7s	7.60nm			4.9mb
SOD	59.52	335	iP	34 12.70	0.3
MLR	59.82	309	eP	34 14.00	-0.9
NUR	59.90	327	iP	34 15.00	0.0
	0.6s	13.00nm			5.2mb
Z	22s	0.10um			3.9Msz
UPP	63.43	326	iP	34 38.80	0.1
KSP	65.42	316	eP	34 52.00	0.1
NB2	66.42	328	P	34 57.80	-0.3
	1.0s	4.00nm			4.5mb
PRU	66.69	316	eP	34 59.00	-1.0
BRG	66.87	317	iP	35 02.00	0.9
	1.1s	14.00nm			5.0mb
KHC	67.49	315	eP	35 05.50	0.4
LBF	74.27	315	eP	35 46.20	0.2
SMF	74.47	314	eP	35 47.60	0.4
SSF	74.54	315	eP	35 48.00	0.5
	0.8s	4.00nm			4.5mb
AVF	74.74	315	eP	35 49.10	0.4
MZF	75.44	314	eP	35 53.30	0.6
TCF	75.66	315	eP	35 54.90	0.9
LSF	76.11	315	eP	35 56.80	0.3
INK	79.30	17	eP	36 16.00	2.3

S.D. = 1.2 on 40 of 47 obs.

SEP 11, 1985 16h 03m 22.52± 0.69s
6.602 S ± 3.7km 149.988 E ± 5.0km
DEPTH = 24.4 ± 5.2 km
5.2mb (4 obs.)
NEW BRITAIN REGION (192)

BIAL	1.66	40	eP	03 50.00	-0.5
LMG	2.93	218	iPd	04 08.90	0.3
LAT	2.97	269	eP	04 08.00	-1.1
RAB	3.23	42	eP	04 13.00	0.1
ALOA	3.69	174	eP	04 18.50	-0.9
PMG	3.96	225	iPd	04 25.00	1.9
KVG	4.08	11	eP	04 26.00	1.0
MDG	4.40	288	eP	04 31.00	1.6
BGA	5.18	85	eP	04 45.00	4.4X
			eS	06 40.00	
PAA	5.48	87	eP	04 44.00	-0.8
			eS	06 05.00	
WEW	7.02	295	e(P)	05 11.00	4.5X
CTA	13.89	195	iPc	06 42.10	1.9
	1.0s	21.50nm			4.9mb
			i	06 50.00	
			eS	09 35.00	
ISO	17.29	215	eP	07 25.00	0.9
KOU	19.61	136	iPc	07 53.00	0.7
RMQ	19.81	183	iPd	07 55.40	1.0
	0.8s	242.00nm			5.6mb
WRA	20.17	227	eP	07 56.20	-2.0
			eS	11 41.80	
GUMO	20.69	346	e(P)	08 04.00	0.4
PJG	20.69	346	e(P)	08 03.70	0.1
BRS	20.85	173	iPc	08 05.20	0.0
AAI	21.90	277	eP	08 13.00	-2.8
NOU	22.28	136	iPc	08 19.80	0.3
KNA	22.70	245	eP	08 23.00	-0.7
ASPA	22.96	221	eP	08 26.00	-0.3
			ePcP	12 16.00	
			eS	12 49.00	
			eScP	15 54.00	
COO	23.92	176	eP	08 37.00	1.4
	0.8s	74.00nm			5.3mb
CMS	25.06	188	eP	08 46.00	-0.6
STK	26.35	196	eP	08 58.00	-0.5
YOU	27.58	183	iPd	09 10.10	0.3
CAN	28.60	182	iPd	09 19.40	0.4
WAM	29.47	182	eP	09 27.10	0.3
MEK	35.94	233	eP	10 22.00	-1.3
TAU	36.24	183	eP	10 26.00	0.5
KLB	39.04	226	eP	10 48.00	-1.3
MUN	40.36	227	eP	11 00.00	-0.2
TCW	40.70	152	P	11 03.60	0.8
MNG	40.83	150	P	11 04.00	0.1
NJ2	48.56	324	Pd	12 08.00	2.0
TIA	52.58	326	eP	12 36.60	0.1
BJI	55.91	329	P	13 00.50	-0.3
XAN	56.06	319	eP	13 02.70	0.6
CD2	57.84	313	eP	13 17.10	2.3
HHC	58.93	327	eP	13 23.00	0.7
BTO	59.62	325	eP	13 28.60	1.5
DRV	60.36	185	eP	13 31.30	-0.3
LZH	60.62	318	eP	13 36.20	2.1
SBA	71.75	176	e(P)	14 43.90	-0.3
WMQ	75.19	318	eP	15 08.20	3.2X
SPA	83.44	180	iPd	15 49.90	0.6
	1.0s	13.00nm			5.1mb
			e	15 59.00	
BRG	122.78	328	e(PKP)	22 17.00	-0.9
PRU	122.97	327	ePKP	22 17.50	-0.8
CLL	123.01	329	iPKP	22 17.20	-1.2

11d 16h

KHC	123.97	327	PKP	22	19.00	-1.4
BSF	128.34	329	ePKP	22	27.70	-1.3
	0.8s		7.40nm			
HAU	128.45	329	ePKP	22	27.90	-1.2
	1.0s		8.00nm			
LPG	129.86	327	ePKP	22	31.20	-1.0
	0.6s		2.10nm			
SSF	130.51	330	ePKP	22	32.60	-0.4
SMF	130.63	330	ePKP	22	32.40	-0.8
	0.8s		4.00nm			
BGF	131.19	330	ePKP	22	33.60	-0.7
	0.8s		2.50nm			
BNG	131.63	270	iPKPd	22	35.50	-0.6
	0.5s		8.00nm			
TCF	131.69	330	ePKP	22	34.90	-0.4
	0.8s		3.70nm			
CAF	132.72	329	ePKP	22	37.10	-0.2
	1.0s		4.00nm			
LPO	133.33	329	ePKP	22	38.20	-0.2
LFF	133.38	330	ePKP	22	38.10	-0.4
EPF	134.93	328	ePKP	22	41.40	-0.2
	1.0s		4.00nm			
BAO	151.62	141	e(PKP)	23	12.10	1.1
KIC	154.89	271	ePKP	23	28.80	13.4X
SOB1	160.91	145	e(PKP)	23	23.00	0.4
	S.D. = 1.1		on 62 of 66 obs.			

* SEP 11, 1985 16h 20m 10.48± 0.87s
28.089 N ±10.6km 140.290 E ±11.7km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
BONIN ISLANDS REGION (212)

MAT	8.61	349	eP	22	16.00	0.2
	0.7s		10.27nm		5.1mb	X
			eS	24	35.00	
DL2	18.90	310	eP	24	30.00	-0.7
NJ2	18.96	287	eP	24	31.00	-0.5
SNY	19.33	320	eP	24	38.50	2.7X
			S	28	17.00	
QZH	19.67	266	eP	24	35.00	-4.6X
TIA	21.19	298	eP	24	55.20	-0.1
			eS	28	55.00	
WHN	22.74	282	eP	25	12.50	1.7
BJI	23.19	307	eP	25	15.00	-0.1
			eS	29	23.00	
TIY	25.20	300	eP	25	35.00	0.3
HHC	26.76	306	eP	25	48.60	-0.5
XAN	27.45	290	eP	25	54.60	-0.9
CD2	31.83	284	eP	26	35.10	0.5
TSI	46.64	246	e(P)	28	17.00	-20.7X
WRA	48.10	188	iPc	28	48.70	-0.4
YKA	72.07	28	eP	31	32.60	-0.3
NB2	82.06	338	P	32	29.40	0.8
	0.9s		2.10nm		4.2mb	
	S.D. = 0.8		on 13 of 16 obs.			

? SEP 11, 1985 16h 38m 24.82± 4.06s
6.743 S ±39.6km 149.807 E ±43.2km
DEPTH = 33.0km (normal)
NEW BRITAIN REGION (192)

LMG	2.71	217	eP	38	15.15	-51.9X
ALOA	3.58	171	eP	39	18.50	-0.8
MDG	4.27	290	eP	39	29.00	-0.2
RMO	19.66	183	iPc	42	55.20	1.1
WRA	19.94	227	iPd	42	57.00	0.0
BRS	20.73	173	P	43	05.20	0.0
	S.D. = 1.0		on 5 of 6 obs.			

SEP 11, 1985 16h 50m 16.52± 0.55s
20.791 S ± 9.7km 179.208 W ± 7.7km
DEPTH = 657.4 ± 6.6 km
4.7mb (9 obs.)
FIJI ISLANDS REGION (181)

VUN	3.53	321	eP	51	41.40	-2.2
MGO	4.15	316	iPc	51	48.00	0.5
SGE	4.18	319	iP	51	47.80	0.0
NOU	13.43	261	iPc	53	10.00	1.1
CRZ	15.36	296	P	53	28.00	0.9
KOU	15.45	268	iPd	53	29.80	1.8
MNG	20.28	192	P	54	19.00	6.8X
			eS	57	21.00	
BRS	26.37	250	iPc	55	06.20	0.0
			i	55	31.00	
			i	56	52.20	
RMQ	29.84	253	iPd	55	36.90	1.0
CAN	31.41	236	iPc	55	49.20	0.2
YOU	31.58	238	eP	55	50.60	0.2
WAM	31.79	234	eP	55	52.80	0.7
CTA	32.34	265	iPd	55	57.30	0.4
	0.6s		75.33nm		5.5mb	
CMS	33.02	244	eP	56	02.00	-0.4
KVG	34.38	298	eP	56	13.50	-0.3
TOO	34.81	234	iPd	56	17.60	0.4
TAU	35.63	224	eP	56	23.00	-0.7
STK	36.65	244	iPd	56	32.90	0.7
ISO	38.49	263	eP	56	47.00	-0.3
ASPA	43.35	257	iPd	57	25.60	-0.1
			eScP	01	54.00	
			eS	03	09.00	
WRA	43.44	263	iPd	57	26.00	-0.3
AAI	53.86	281	ePc	58	42.60	-0.6
MEK	56.82	251	iPc	59	02.50	-1.0
KLB	56.90	245	iPc	59	03.30	-0.7
NWAO	57.23	244	eP	59	05.50	-0.6
RKG	57.32	242	eP	59	06.00	-0.8
BAL	57.90	246	eP	59	10.00	-0.7
MUN	58.18	245	iPc	59	12.10	-0.4
MRWA	58.69	248	iPd	59	15.00	-0.9
	0.5s		14.00nm		4.4mb	
NAU	60.26	255	iPd	59	26.40	0.1
	0.6s		40.00nm		4.8mb	
CGP	62.31	292	iPd	59	40.00	0.5
	1.0s		42.00nm		4.7mb	
ARN	79.31	43	eP	01	18.50	1.0
MWC	79.83	48	eP	01	20.00	-0.5
RVR	80.18	48	eP	01	23.00	1.0
PLM	80.19	49	eP	01	23.00	0.7
SBB	80.25	47	eP	01	22.00	-0.5
ISA	80.35	46	eP	01	23.00	0.0
JAS1	80.36	43	eP	01	23.70	0.8
CLC	81.03	46	eP	01	27.00	0.6
TPC	81.16	49	eP	01	27.00	-0.1
GSC	81.28	47	eP	01	27.00	-0.7
GLA	81.48	50	eP	01	29.00	0.3
BMN	83.83	43	eP	01	40.70	0.3
PNT	87.53	34	iPc	01	58.60	1.0
	0.8s		19.00nm		4.9mb	
LTX	88.17	58	iP	02	01.70	0.6
	1.0s		15.60nm		4.7mb	
ALQ	88.47	52	P	02	02.00	-0.5
	1.0s		7.50nm		4.4mb	
COL	88.77	13	iP	02	02.70	-0.3
	0.8s		13.43nm		4.8mb	
BDW	89.95	44	eP	02	07.90	-1.3
	1.0s		7.80nm		4.6mb	
GOL	91.35	48	eP	02	15.40	-0.3
RSSD	94.15	44	eP	02	28.00	-0.4
SOB1	129.33	122	e(PKP)	08	13.00	-1.6
			e	10	36.60	
EKA	145.38	4	PKPd	08	43.80	1.3
	0.8s		7.20nm			
CLL	148.07	345	iPKP	08	51.30	4.4X
	1.0s		8.00nm			
BRC	148.24	344	e(PKP)	08	52.00	4.8X
WTS	148.50	353	ePKP	08	52.50	5.0X
			e	08	59.00	
PRU	148.89	343	ePKP	08	53.50	5.3X
	Z 17s		0.30um		5.2MszX	
ENN	149.81	354	iPKPd	08	56.00	6.4X
	0.9s		10.00nm			
			e	09	04.50	
KHC	149.93	343	PKP	08	57.50	7.6X
DOU	150.60	355	PKP	08	57.70	6.9X
	S.D. = 0.8		on 51 of 59 obs.			

SEP 11, 1985 17h 08m 40.93± 0.57s
6.577 S ± 7.3km 149.934 E ± 7.6km
DEPTH = 33.0km (normal)
NEW BRITAIN REGION (192)

BIAL	1.68	42	eP	09	08.00	-0.4
LMG	2.91	217	iPd	09	26.50	0.3
LAT	2.92	268	eP	09	25.00	-1.0
RAB	3.25	43	e(P)	09	31.00	0.2
ALOA	3.72	173	eP	09	36.50	-1.0
MDG	4.34	287	eP	09	47.00	0.8
CTA	13.90	195	iPc	12	07.50	9.6X
	1.4s		32.56nm		4.9mb	
RMQ	19.83	183	eP	13	13.00	1.0
WRA	20.14	227	iPd	13	14.50	-0.8
ASPA	22.94	221	eP	13	44.00	0.5
			eS	17	56.00	
SPA	83.47	180	e(P)	21	07.00	0.5
	S.D. = 0.9		on 10 of 11 obs.			

? SEP 11, 1985 17h 29m 07.85± 3.49s
30.428 S ± 8.1km 69.202 W ±56.1km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

RTLL	1.10	145	iPc	29	27.30	0.3
			S	29	45.00	
RTC8	1.11	162	iPc	29	27.30	0.1
			S	29	44.90	
RTMQ	1.17	157	ePd	29	27.90	-0.1
			S	29	45.50	
CFA	1.44	145	ePc	29	31.60	-0.3
			S	29	52.20	
VCA	1.89	28	ePd	29	38.60	0.0
			S	30	06.50	
	S.D. = 0.3		on 5 of 5 obs.			

SEP 11, 1985 17h 37m 28.75± 1.15s
15.043 S ± 6.8km 166.546 E ± 8.7km
DEPTH = 33.5 ± 9.7 km
5.4mb (8 obs.)
VANUATU ISLANDS (186)

PVC	3.17	148	iPd	38	18.10	0.6
			iS	38	55.50	
KOU	5.90	201	iPd	38	54.70	-1.4
NOU	7.23	181	iPc	39	13.00	-1.8
			iS	40	34.00	
HNR	8.52	310	eP	39	33.00	0.1
			eS	41	04.00	
SVO	8.81	311	eP	39	39.00	2.2
			eS	41	17.00	
VSG	8.82	310	eP	39	37.00	0.0
			eS	41	13.00	
CTA	19.98	253	iPc	42	00.90	-0.4
	0.9s		6.72nm		4.0mb	X
			iS	45	54.00	
RMQ	20.13	233	eP	42	02.00	-0.9
KRP	24.14	162	P	42	45.00	2.3
YOU	25.21	217	eP	42	54.80	1.8
WRA	31.07	256	eP	43	56.70	10.5X
MEK	46.08	247	eP	45	50.00	-1.6
CN2	69.56	329	Pc	48	35.30	-1.0
GYA	71.32	305	P	48	47.00	-0.6
BJI	72.07	322	eP	48	51.00	-0.6
KMI	73.88	302	Pd	49	03.00	0.2
CHG	74.57	295	eP	49	07.00	0.3
CHTO	74.57	295	iP	49	07.00	0.4
	1.1s		14.72nm		4.9mb	
			e	49	21.30	
SPA	75.05	180	e(P)	49	11.50	2.7
HHC	75.37	320	P	49	11.70	0.7
CD2	75.65	308	eP	49	13.10	0.4
BTO	76.20	319	eP	49	15.30	-0.4
LZH	78.01	313	iPc	49	26.50	0.6
GTA	82.38	314	P	49	49.90	0.8
TTA	83.01	16	eP	49	51.50	-0.3
PME	84.09	20	eP	49	56.20	-0.9
	1.1s		75.00nm		5.8mb	
IMA	86.13	15	eP	50	07.60	0.1
COL	86.86	18	eP	50	09.00	-1.9
	0.8s		14.93nm		5.3mb	
FBA	86.86	18	eP	50	09.80	-1.1
	1.0s		21.30nm		5.3mb	
PKI	89.23	299	eP	50	22.80	-0.7
	0.8s		20.00nm		5.5mb	
KKN	89.41	299	eP	50	23.90	-0.2
	0.8s		24.00nm		5.6mb	
DMN	89.50	299	eP	50	24.60	0.0
	1.1s		70.00nm		5.9mb	
EUR	90.07	49	iP	50	27.00	0.0
	1.0s		6.15nm		4.8mb	
PNT	91.09	39	eP	50	31.00	-0.2
YKA	98.14	27	eP	51	03.20	0.2
OSS	142.81	333	ePKP	56	56.80	-4.0X
SOB1	143.66	130	ePKP	56	57.60	-5.4X
TMA	143.81	333	ePKPd	56	59.30	-3.2X
MMK	144.24	334	ePKPd	57	01.60	-1.7
DIX	144.45	335	ePKPd	57	02.20	-1.5
LOR	144.79	339	ePKP	57	02.50	-1.4
LBF	144.99	339	ePKP	57	03.20	-1.1
GRC	145.03	340	iPKPc	57	03.20	-1.1
SSF	145.09	340	iPKPc	57	03.60	-0.8

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GRR   145.16 345 ePKP   57 03.50   -1.0
LPG   145.19 335 IPKPc  57 04.30   -0.7
SMF   145.33 339 IPKPc  57 04.40   -0.4
AVF   145.38 340 IPKPc  57 04.20   -0.7
LPF   145.54 345 ePKP   57 04.70   -0.4
BGF   145.75 340 IPKPc  57 05.60    0.0
ITR   145.77 132 ePKP   57 04.00   -2.5X
       1.1s    20.40nm
MZF   146.14 340 IPKPc  57 06.90    0.7
TCF   146.20 340 IPKPc  57 07.10    0.8
LSF   146.45 341 ePKP   57 07.40    0.7
CVF   146.52 329 ePKP   57 07.50    0.5
MFF   146.63 343 ePKP   57 08.10    1.2
FRF   146.79 333 IPKPc  57 08.40    1.1
BNG   146.80 255 IPKPc  57 07.80   -0.4
       1.1s    74.00nm
                Id      57 23.70
LRG   147.00 333 ePKP   57 09.40    1.8
LMR   147.03 333 IPKPc  57 09.00    1.3
CDR   147.08 334 ePKP   57 09.20    1.4
RJF   147.29 340 ePKP   57 10.20    2.1
CAF   147.44 339 ePKP   57 10.80    2.4X
LFF   147.87 341 IPKPc  57 11.80    2.8X
LPO   147.95 340 IPKPc  57 12.00    2.9X
MLS   149.51 339 IPKPc  57 15.30    3.6X
EPF   149.70 340 ePKP   57 16.90    4.9X
     S.D. = 1.1  on  57 of  67 obs.

   SEP  11, 1985  17h 47m 35.98± 0.11s
   15.388 S ± 3.8km  173.535 W ± 2.9km
   DEPTH =  68.3km  ( 14 depth phases)
   5.8mb ( 43 obs.)
 TONGA ISLANDS                    (173)
     mb 5.9 (BRK).
     MOMENT TENSOR SOLUTION
     Dep  87          No. of sto: 11
     Moment Tensor; Scale 10**24 d-cm
       Mrr= 3.56      Mtt=-3.11
       Mff=-0.46      Mrt=-2.39
       Mrf= 1.10      Mtf=-1.67
      Principal axes:
       T  Val=  4.81  Plg=64  Azm=221
       N       -0.50     22       76
       P       -4.31     13      340
     Best Double Couple:Mo=4.6*10**24
      NP1:Strike= 43 Dip=37 Slip=  51
      NP2:       268     62      115
     CENTROID, MOMENT TENSOR    (HRV)
     Data Used: GDSN
     L.P.B.: 19S, 38C
     Centroid Location:
     Origin Time       17:47:44.3 0.2
     Lat 15.22S 0.02 Lon 173.46W 0.02
     Dep  76.6 1.7 Half-duration  3.1
     Moment Tensor; Scale 10**24 D-CM
       Mrr= 3.63 0.10  Mtt=-2.30 0.19
       Mff=-1.34 0.19  Mrt= 1.53 0.10
       Mrf= 4.66 0.09  Mtf=-1.97 0.12
      Principal Axes:
       T  Val=  6.44  Plg=59  Azm=274
       N       -0.58     15       32
       P       -5.86     26      129
     Best Double Couple:Mo=6.1*10**24
      NP1:Strike=250 Dip=24 Slip= 131
      NP2:       27     72       74

NUE     5.03 137 IP     48 46.40   -4.3X
SGE     8.48 254 eP     49 47.00    8.3X
NDF     8.96 254 IPc    49 53.00    7.9X
                 eS     51 27.00
RAR    14.29 116 P      50 52.00   -4.3X
                 S      53 19.00
PVC    17.56 260 iPc    51 43.50    5.8X
NOU    20.14 247 iPc    52 05.50   -1.7
KOU    21.71 253 iPc    52 22.60   -0.5
CRZ    22.67 211 eP     52 34.00    1.6
AFR    22.88  99 iP     52 34.30   -0.3
       1.4s   340.00nm          5.6mb
PAE    23.07  99 iP     52 36.40   -0.1
       1.4s   450.00nm          5.7mb
PPT    23.07  99 iP     52 36.40   -0.1
       1.4s   745.00nm          5.9mb
PPN    23.21  99 iP     52 38.00    0.2
       1.4s   445.00nm          5.7mb
TVO    23.39  99 iP     52 39.70    0.1
       1.4s   710.00nm          5.9mb
TBI    24.03 113 iP     52 46.70    1.0

       1.2s   585.00nm          5.9mb
GNZ    24.33 196 P      52 51.00    2.5
                 S      57 06.00
KRP    24.44 201 P      52 51.20    1.6
PMO    24.74  93 iP     52 52.40   -0.2
       1.4s  1420.00nm          6.2mb
VAH    24.98  93 iP     52 54.20   -0.7
       1.4s   570.00nm          5.8mb
TPT    25.01  93 iP     52 54.60   -0.5
       1.4s  1140.00nm          6.1mb
RUV    25.22  93 iP     52 56.40   -0.7
       1.4s   710.00nm          5.9mb
HNR    26.55 280 eP     53 09.00   -0.4
SVO    26.75 280 eP     53 14.00    2.7
VSG    26.82 280 eP     53 15.00    3.0X
MNG    26.90 199 P      53 11.50   -0.9
                 S      57 56.00
WEL    27.73 199 P      53 19.20   -0.7
TCW    27.82 200 eP     53 19.60   -1.1
COO    35.07 238 eP     54 23 00   -1.6
       0.4s    65.00nm          5.9mb
                 e      54 48.00  108kmX
ALOA   35.52 274 eP     54 28.00   -0.4
RMO    36.78 246 eP     54 38.00   -1.0
                 e      54 59.00   88kmX
RKT    37.12 108 iP     54 42.60    0.7
       1.2s    90.00nm          5.6mb
CTA    38.52 257 IPc    54 52.30   -1.4
       0.9s    36.97nm          5.3mb
                 IPP    56 25.30
                 IPcP   57 06.00
                 i(S)   00 41.00
                 i      04 09.00
PMG    38.81 274 IPc    54 57.20    1.1
CAN    38.93 232 iPc    54 56.40   -0.6
                 i      55 20.20  102kmX
YOU    39.05 234 eP     54 57.30   -0.7
WAM    39.34 231 iPc    54 59.90   -0.4
                 i      55 19.90   83kmX
CMS    40.32 239 iPc    55 07.40   -1.1
                 e      55 30.00   96kmX
MDG    41.20 280 eP     55 16.00    0.2
TOO    42.37 231 eP     55 25.00   -0.3
       1.0s   223.00nm          5.9mb
                 e      55 44.00   78km
TAU    43.24 223 eP     55 31.00   -1.1
STK    43.93 240 IPc    55 37.20   -0.8
                 e      55 59.00   91kmX
BFD    44.47 232 eP     55 41.00   -1.2
JAY    46.86 281 ePc    56 01.00   -0.5
WRA    49.72 257 IPc    56 21.30   -2.3
                 i      56 46.20  104kmX
ASPA   49.99 252 eP     56 24.00   -1.6
                 ePcP   57 57.00
                 ePP    58 10.00
KNA    55.43 261 eP     57 04.50   -1.6
       0.6s    38.00nm          5.6mb
AAI    58.46 275 ePd    57 26.30   -1.3
DRV    59.56 200 eP     57 34.00   -0.5
SBA    83.25 185 iPc    58 01.30    2.2
       1.3s   230.77nm          6.1mb
MEK    63.76 248 eP     58 02.00   -1.3
KLB    64.12 242 eP     58 04.00   -1.6
       0.5s    79.00nm          5.9mb
DAV    64.32 286 eP+    58 06.00   -1.8
NWAO   64.51 241 iPc    58 07.00   -1.1
RKG    64.66 239 eP     58 08.00   -1.0
       0.6s    50.00nm          5.6mb
                 e      58 33.00   99kmX
BAL    65.08 243 eP     58 11.00   -0.8
       0.5s    22.00nm          5.4mb
MUN    65.42 242 iPc    58 12.20   -1.8
CGP    65.62 287 iPd    58 15.10   -0.3
       1.0s    82.00nm          5.6mb
MRWA   65.80 245 eP     58 15.00   -1.4
       0.6s    10.00nm          4.9mb
KYS    66.78 320 eP     58 23.10    0.7
NAU    66.96 252 iPc    58 23.30   -0.6
       0.6s    33.00nm          5.5mb
ADK    67.04 358 P      58 22.80   -0.9
       0.8s    41.38nm          5.4mb
TSK    67.46 321 eP     58 26.60   -0.1
OYM    67.48 320 eP     58 26.00   -1.0
DDR    67.89 320 eP     58 29.60    0.1
SMY    68.67 352 eP     58 33.30   -0.6
MAT    68.85 320 iPc    58 34.80   -0.6
       1.4s   165.12nm          5.8mb

     Z  21s      1.79um          5.3Msz
                 eS     08 02.00
PRS    71.20  42 ePc    58 50.00    0.3
                 e      59 16.20  102kmX
GCC    71.21  41 ePc    58 49.70    0.0
                 e      59 15.70  102kmX
SHK    71.24 315 eP     58 49.80   -0.2
PCC    71.25  41 iPc    58 49.70   -0.3
SDN    71.31   8 eP     58 48.30   -1.6
SAO    71.41  42 e(P)   58 50.80   -0.2
PRI    71.55  43 iPc    58 52.20    0.2
                 e      59 09.80   65km
BRK    71.56  41 e(P)   58 51.50   -0.3
BKS    71.58  41 eP     58 52.00    0.1
       1.3s   207.00nm          5.9mb
                 epP    59 10.00   66km
                 eS     08 10.00
                 esS    08 42.00
                 eSS    12 56.00
MHC    71.63  41 ePc    58 52.40    0.0
                 e      59 18.20  100kmX
LLA    71.65  42 e(P)   58 52.40    0.0
ARN    71.70  41 eP     58 52.00   -0.7
SLD    71.74  42 P      58 53.40    0.5
MWC    72.22  46 eP     58 55.00   -1.1
BAG    72.29 293 eP     58 55.00   -1.7
FHC    72.34  37 eP     58 57.00    0.6
BAR    72.36  48 eP     58 56.00   -0.7
GAS    72.37  39 P      58 57.50    0.7
TRT    72.46 267 IPd    58 57.50   -0.1
RVR    72.57  46 eP     58 57.00   -0.9
PLM    72.59  47 eP     58 58.00   -0.2
SBB    72.64  46 eP     58 57.00   -1.4
FRI    72.67  43 ePc    58 58.10   -0.3
                 e      59 24.50  103kmX
ISA    72.73  44 eP     58 58.00   -0.9
KKM    72.75 281 ePc    58 59.30   -0.1
JAS1   72.76  41 iPc    58 58.80   -0.1
                 i      59 20.80   84kmX
WDC    73.05  38 iPc    59 00.60    0.1
                 e      59 11.30   35kmX
                 e      59 22.40
ORV    73.05  40 iPc    59 00.20   -0.4
VPEM   73.34  44 P      59 02.40   -0.1
CLC    73.41  45 eP     59 02.00   -0.8
MIN    73.47  39 iPc    59 02.50   -0.7
TPC    73.56  47 eP     59 03.00   -0.7
GSC    73.67  45 eP     59 04.00   -0.4
GLA    73.88  48 eP     59 05.00   -0.6
MNA    74.50  42 iPc    59 09.40    0.2
                 e      59 26.50   62km
NOP    74.56  45 P      59 09.00   -0.6
SPA    74.71 180 iPc    59 11.30    1.3
       1.2s   218.31nm          6.0mb
                 e      59 30.10   69km
KDC    74.92  12 ePc    59 10.80   -0.2
TDM    76.17  51 P      59 18.70   -0.1
BMN    76.23  41 eP     59 19.10    0.1
                 pP     59 38.10   70km
BFW    76.41  33 P      59 19.80    0.0
EUR    76.50  42 iP     59 20.10   -0.6
       0.2s    61.96nm          6.2mb
PHC    77.19  28 eP     59 23.50   -0.4
QZH    77.34 300 Pc     59 27.00    1.7
                 pP     59 53.00  100kmX
                 eS     09 14.00
PGC    77.70  31 eP     59 27.00    0.3
SSE    77.85 307 eP     59 29.70    1.8
MSU    78.51  45 P      59 32.50    0.7
SIT    78.86  20 eP     59 32.70   -0.2
MDJ    78.94 322 iPc    59 35.00    1.3
                 pP     00 00.00   95kmX
                 PP     02 58.00
                 eS     09 30.00
PMR    79.13  12 P      59 33.80   -0.5
PME    79.19  12 iP     59 34.30   -0.3
       0.8s    41.10nm          5.4mb
     Z  20s      3.00um          5.6Msz
TTA    79.26   8 iPc    59 35.60    0.5
BCPM   79.92  17 eP     59 38.60   -0.1
NJ2    80.05 307 Pd     59 40.00    0.1
                 pP     00 08.00  108kmX
PNT    80.07  32 iPc    59 39.50   -0.2
OXM    80.39  67 eP     59 45.00    2.6
HPI    80.59  40 P      59 43.30    0.4
LTX    80.71  56 iPc    59 44.00    0.4
       1.5s   170.29nm          5.8mb
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11d 17h

NEW	80.77	34	eP	59	43.00	-0.5	SYO	92.60	191	iP	00	41.40	0.5				e	07	25.10										
TPM	80.85	67	eP	59	45.00	0.4	LZH	93.11	306	iPc	00	45.50	1.5	MEM	144.87	1	iPKPc	07	05	.7	-1.3								
ALO	80.89	50	eP	59	43.50	-1.1	FVM	94.02	52	P	00	47.00	-0.9	PRU	144.87	351	iPKPc	07	06.10		-3.6								
	1.0s	40.00nm			5.3mb		SNA	94.30	177	eP	00	50.50	1.9		1.6s	340.00nm													
			ePP	00	03.00	72km	RSON	95.51	39	P	00	52.30	-2.2		Z 21s	0.80um				5.5Msz									
CN2	80.99	320	iPc	59	45.00	0.4	GTA	97.07	309	iPc	01	02.90	1.0		N 22s	0.60um													
			PP	02	48.50		LHC	97.61	42	eP	01	03.00	-1.0		E 22s	0.30um													
			eS	10	49.00					pP	01	21.50	66km				e	07	24.80										
DL2	81.08	314	Pc	59	46.00	0.8	KEV	124.17	352	ePKP	06	20.00	-7.7X	STB	144.88	360	iPKPc	07	05.80		-0.9								
			pP	00	14.00	108kmX		0.7s	16.00nm						2.1s	275.00nm													
			S	09	58.50					i	06	27.20		HOF	144.89	354	ePKP	07	05.20		-1.6								
SNY	81.18	318	iPc	59	46.80	1.2				ePP	08	10.00		SNF	144.92	2	iPKPc	07	06.10		-0.7								
			pP	00	14.00	105kmX	AVY	126.97	231	ePKP	06	33.80	-1.1	CFR	145.12	333	iPKPc	07	06.50		-0.7								
LHD	81.62	35	iPc	59	47.70	-0.3	SOB1	127.10	114	ePKP	06	34.30	-0.7	VRI	145.18	335	iPKPc	07	07.00		-0.4								
CLX	81.83	35	iPc	59	49.00	-0.2				e	06	56.10		TNS	145.22	358	iPKPc	07	07.10		-0.3								
LDM	81.87	35	iPc	59	49.00	-0.2	KJF	129.09	348	ePKP	06	29.00	-8.3X	BGG	145.27	359	iPKPc	07	07.20		-0.1								
YKM	81.88	34	iPc	59	42.40	-7.0X		0.7s	16.00nm					BRD	145.33	334	iPKPc	07	09.00		1.3								
LRM	82.09	38	eP	59	50.30	-0.3				i	06	36.20		DOU	145.35	2	iPKPc+	07	07.40		-0.1								
RXF	82.20	35	iPc	59	50.00	-1.0				i	06	56.60			1.0s	244.40nm													
BDW	82.34	42	eP	59	51.80	-0.2				ePP	08	44.00		GRF	145.57	355	ePKPc	07	08.50		0.5								
	1.2s	81.74nm			5.6mb					iPKS	09	58.20			Z 22s	0.40um				5.2Msz									
			pP	00	10.30	67km				e	10	18.00		TLB	145.64	332	iPKPc	07	09.00		0.8								
COL	82.41	11	iPc	59	51.30	-0.3				ePS	18	52.00		PSZ	145.71	344	iPKP	07	08.90		0.6								
	0.7s	183.22nm			6.1mb					eSS	26	00.00			1.3s	447.30nm													
FBA	82.41	11	iPc	59	51.20	-0.4				eSSS	29	00.00		NAI	145.74	244	ePKP	07	11.00		1.4								
IMA	82.57	8	ePc	59	52.90	0.3	ITR	129.47	115	ePKP	06	36.70	-2.8X		1.0s	160.00nm													
WHN	82.98	304	eP	59	56.00	0.8	SUF	130.73	348	iPKP	06	39.90	-0.5	NAI	145.74	244	ePKPc	07	12.00		2.4								
TIA	83.10	310	eP	59	56.10	0.3		0.6s	17.20nm					MSR	145.79	337	ePKPd	07	09.00		0.5								
			ePP	00	23.50	105kmX	BLF	131.83	203	ePKP	06	43.00	-0.8	MLR	145.80	335	iPKPd	07	08.00		-0.6								
GOL	83.74	46	iP	59	59.30	0.0	NUR	133.05	348	ePKP	06	33.00	-11.9X	WLF	145.81	0	iPKPc+	07	09.50		1.2								
			pP	00	18.10	68km		0.7s	26.70nm					ISR	145.85	334	iPKPc	07	09.00		0.4								
GLD	83.87	46	eP	00	00.50	0.7		Z 22s	0.90um			5.4Msz		KHC	145.85	352	iPKPc	07	18.60		10.1X								
			pP	00	19.20	68km				i	06	44.50			1.1s	486.00nm													
KGM	83.93	274	ePc	00	02.00	1.6				i	07	06.00					e	07	28.30										
AIA	83.96	156	e(P)	00	01.00	1.4				ePP	09	08.00		WET	145.93	352	ePKP	07	09.00		0.4								
JCT	84.25	56	eP	00	01.00	-0.8				iPKS	10	11.00		ZST	146.13	347	iPKPc	07	09.90		1.0								
	1.0s	16.00nm			5.0mb					e	10	31.00					i	07	11.10										
	Z 20s	0.71um			5.0Msz					eSS	26	56.00		SRO	146.21	346	iPKPc	07	09.60		0.6								
			i	00	20.00	69km	BFS	133.56	205	e(PKP)	06	47.70	0.6		Z 16s	1350.00um				8.8MszX									
SES	85.27	35	iPc	00	06.00	-0.4	SLR	133.93	208	ePKP	06	41.60	-6.3X				e	07	29.50										
	1.5s	399.00nm			6.3mb			Z 20s	4.61um			6.2Msz		VKA	146.22	348	iPKPc	07	09.50		0.4								
			pP	00	25.00	69km	SLR	133.93	208	ePKP	06	46.00	-1.9		2.5s	1716.00nm													
BJI	85.37	314	Pc	00	08.00	1.0		Z 20s	4.61um			6.2Msz					i	07	11.00										
			ePP	00	36.00	107kmX	NB2	134.28	357	PKP	06	32.80	-14.5X				i	07	30.10										
EDM	85.54	32	iPc	00	07.00	-0.7		1.1s	152.30nm					FLN	146.23	8	ePKP	07	09.00		0.0								
PPI	86.09	271	eP	00	11.00	-0.2	HFS	135.01	355	ePKP	06	47.80	-0.8	PSN	146.27	331	iPKPc	07	12.00		2.8X								
	0.7s	96.30nm			6.0mb			0.6s	17.70nm					BUD	146.34	345	iPKPc	07	10.00		0.7								
COM	86.27	72	eP	00	24.00	11.8X	KONO	135.75	358	iPKP	06	50.30	0.2		1.4s	197.50nm													
RSSD	86.54	43	eP	00	12.20	-0.9	BUL	138.52	212	ePKP	06	47.70	-9.0X	LDF	146.45	8	ePKP	07	09.50		0.1								
	1.4s	51.89nm			5.5mb					iPKS	10	33.30		GRR	146.54	9	ePKP	07	10.00		0.5								
			pP	00	31.20	68km	EKA	139.45	8	PKP	06	59.00	1.9	COZ	146.57	337	iPKPc	07	02.50		-7.4X								
IPM	86.82	276	ePc	00	13.80	-1.0		0.8s	5.60nm					DEV	146.61	339	ePKPd	07	13.00		3.3X								
	0.8s	88.60nm			6.0mb		MTD	139.55	219	ePKP	06	55.00	-3.5X	STU	146.63	357	ePKPc+	07	10.00		0.3								
			e	00	36.70	85kmX				ipPKP	07	25.80			1.8s	727.27nm													
TIY	87.14	310	iPc	00	17.00	1.1				iPKS	09	52.70		SOP	146.73	348	iPKPc	07	10.50		0.6								
			pP	00	44.50	104kmX	KRI	140.67	216	ePKP	06	52.40	-8.2X		1.6s	98.70nm													
SNG	87.91	278	eP	00	22.00	2.1	WIN	140.87	196	ePKP	06	54.00	-6.9X	BUH	146.77	358	ePKP	07	09.20		-0.8								
GYA	87.92	298	Pc	00	21.00	1.0	WIT	142.66	360	ePKP	07	00.50	-2.3	KMR	146.81	351	iPKP+	07	10.00		0.0								
INK	88.29	14	iPc	00	19.70	-0.9	LSZ	142.73	216	iPKP	06	59.50	-4.7X				i	07	31.40										
	1.0s	42.00nm			5.6mb					i	07	01.70		LPF	146.86	9	ePKP	07	10.40		0.4								
PSI	88.34	273	ePc	00	22.00	-0.1				i	07	24.80		CDF	147.06	359	ePKP	07	10.90		0.4								
	1.5s	255.00nm			6.2mb					i	10	09.20		FUR	147.08	354	iPKPc	07	10.70		0.2								
XAN	88.52	306	Pc	00	23.30	0.7	DBN	143.36	1	ePKP+	07	00.00	-4.0X		1.3s	667.00nm													
TSI	88.90	274	e(P)	00	27.00	2.3				ePP	10	14.00		BHG	147.33	352	iPKPd	07	11.00		0.1								
HHC	88.92	313	Pc	00	25.60	1.2	WTS	143.48	360	ePKP	07	00.50	-3.7X	CLO	147.35	338	iPKPc	07	01.00		-10.0X								
			pP	00	53.00	103kmX				e	07	22.00		HAU	147.48	0	ePKP	07	11.80		0.7								
			S	11	16.00		KRA	143.73	345	ePKP	07	02.10	-2.7X	HRT	147.63	326	ePKP	07	14.30		2.7X								
VVO	89.15	53	eP	00	25.00	-0.5				i	07	02.30		GPA	147.64	325	iPKP	07	12.00		0.4								
TUL	89.30	53	eP	00	25.90	-0.3				e	07	08.00		BSF	147.65	360	ePKP	07	12.00		0.5								
	1.3s	80.80nm			5.8mb		KSP	143.76	349	iPKPd	07	06.00	1.2	SLE	147.67	357	ePKP+	07	11.10		-0.3								
BTO	89.93	312	iPc	00	30.00	0.8		1.3s	133.00nm					ISK	147.78	327	ePKP	07	14.30		2.6X								
			pP	00	56.00	97kmX				e	07	22.50		AAE	147.83	262	ePKP	07	14.50		1.5								
RLO	89.97	52	eP	00	29.00	-0.3	CLL	143.78	353	iPKPd	07	01.90	-2.9X	BHL	147.87	310	PKP	07	12.00		-0.3								
YKA	90.14	23	eP	00	32.40	2.9X				i	07	32.50		DMK	147.88	329	iPKP	07	15.00		3.1X								
YKC	90.18	23	eP	00	29.00	-0.7	BRG	144.09	352	iPKPd	07	04.00	-1.4	KBA	147.89	351	iPKPd	07	11.70		-0.3								
	0.9s	14.00nm			5.2mb					e	07	33.00			1.3s	212.50nm													
NNT	90.20	283	eP	00	32.60	1.9	CLI	144.40	335	ePKPd	07	04.00	-2.1				i	07	14.30										
KMI	90.90	296	Pc	00	36.00	1.9	SPC	144.46	344	ePKP	07	05.50	-0.8				i	07	34.30										
			pP	01	01.50	95kmX	BNS	144.51	359	iPKPc	07	04.90	-1.2				i	10	41.00										
			S	11	36.00			1.1s	350.00nm					JMB	147.95	331	ePKP	07	12.00		0.0								
CD2	91.69	301	eP	00	38.50	1.1	PPE	144.53	334	iPKPc	07	05.00	-1.3	ZUL	147.96	358	ePKP+	07	12.10		0.2								
			eS	11	36.00		MOX	144.59	354	ePKP	07	04.50	-1.7	PVL	148.04	334	iPKPd	07	13.00		0.9								
FFC	92.16	33	iPc	00	37.60	-1.3		1.6s	315.00nm					CTT	148.04	328	iPKP	07	15.30		3.1X								
	1.8s	119.00nm			6.0mb					i	07	24.50		GRC	148.06	4	iPKPc	07	12.60		0.6								
BACH	92.17	125	eP	00	45.50	5.8X	UCC	144.64	2	PKPc+	07	05.00	-1.3				i	07	15.40										
CHG	92.58	289	iPc	00	43.40	1.8	ENN	144.71	1	iPKPc	07	05.30	-1.1				i	07	35.50										
	0.7s	15.07nm			5.5mb			1.5s	643.00nm					HRI	148.09	309	iPKP	07	13.50		0.8								

LOR	148.14	3	ePKP	07	12.70	0.5
SAX	148.14	356	ePKP+	07	12.30	-0.2
SSF	148.32	4	ePKP	07	13.10	0.6
BEO	148.36	341	iPKP	07	13.00	0.4
			i	07	16.60	
			i	07	36.50	
OGA	148.39	354	iPKPc	07	13.30	0.5
MFF	148.39	9	ePKP	07	13.00	0.4
LBF	148.43	3	ePKP	07	13.20	0.5
LLS	148.54	357	ePKP+	07	13.00	-0.1
AVF	148.58	4	ePKP	07	13.20	0.3
ZAG	148.63	347	ePKP	07	13.30	0.3
OSS	148.64	355	ePKP+	07	13.20	0.0
LJU	148.70	349	iPKPc	07	13.10	0.0
			i	07	17.10	
			i	07	37.00	
DIM	148.74	33½	ePKP	07	13.00	-0.3
SMF	148.76	3	ePKP	07	13.60	0.4
BGF	148.78	5	ePKP	07	13.60	0.4
VOY	148.82	350	iPKPc	07	13.10	-0.3
			i	07	16.70	
			i	07	36.50	
BNT	148.89	327	ePKP	07	17.00	3.4X
VDL	148.89	356	ePKP+	07	14.30	0.6
LSF	148.96	7	ePKP	07	13.60	0.1
TCF	148.99	6	ePKP	07	14.10	0.5
CSS	149.00	314	ePKP	07	19.00	5.1X
PLD	149.08	333	ePKP	07	18.00	4.2X
MZF	149.10	5	ePKP	07	14.30	0.6
JER	149.16	307	ePKP	07	15.00	0.6
KDZ	149.17	332	iPKPc	07	13.00	-1.0
TMA	149.31	357	ePKP+	07	14.20	-0.1
DIX	149.39	359	ePKP+	07	15.30	0.8
MMK	149.41	358	ePKP+	07	15.30	0.8
PLDF	149.42	4	ePKP	07	14.90	0.6
PYM	149.59	5	iPKPc	07	15.50	0.9
RJF	149.89	7	ePKP	07	15.60	0.7
PRNI	149.90	305	ePKP	07	05.00	-10.4X
MMB	149.93	334	iPKPd	07	15.00	-0.1
LPG	149.98	360	ePKP	07	16.60	1.1
EZN	150.10	328	iPKP	07	20.10	4.7X
LFF	150.15	8	ePKP	07	16.10	0.8
ELL	150.22	320	iPKP	07	20.60	4.7X
CAF	150.32	6	ePKP	07	16.40	0.8
LPO	150.46	8	ePKP	07	16.70	0.9
SKO	150.53	337	iPKPc	07	15.80	-0.2
	2.0s	130.00nm				
SKO	150.53	337	iPKPc	07	21.80	5.8X
	1.7s	450.00nm				
SKO	150.53	337	iPKP	07	29.00	13.0X
	1.9s	390.00nm				
			i	07	40.00	
			iPKS	10	50.00	
PRK	150.56	32°	ePKP	07	22.00	5.9X
VAY	150.63	335	iPKP	07	15.40	-0.7
IZM	150.65	325	ePKP	07	21.00	4.6X
YER	150.95	322	ePKP	07	20.00	3.1X
PTO	151.21	24	ePKP	07	17.60	0.6
OHR	151.51	337	iPKP	07	17.00	-0.6
OHR	151.51	337	iPKP	07	23.40	5.8X
			i	07	43.50	
CDR	151.80	1	iPKPc	07	18.40	0.5
			i	07	25.10	
			i	07	34.60	
			e	07	45.10	
			e	08	12.10	
			e	08	30.20	
			e	10	22.80	
KZN	151.81	335	ePKP	07	24.00	5.9X
FRF	151.92	360	ePKP	07	18.60	0.6
EPF	151.96	10	ePKP	07	19.10	0.9
LRG	152.03	0	ePKP	07	19.20	1.1
MLS	152.14	3	iPKPc	07	19.00	0.6
			i	07	25.50	
LMR	152.15	360	ePKP	07	18.90	0.6
ATH	152.83	329	ePKP	07	26.30	6.9X
CVF	152.84	356	ePKP	07	19.40	0.0
TOL	153.92	19	ePKP	07	23.00	2.0
			i	07	44.00	
			e	08	03.00	
VLS	154.10	334	ePKP	07	23.00	1.7
ALI	156.31	14	ePKP	07	25.50	1.3
IFR	159.12	28	iPKP	07	30.00	2.1
BNG	163.89	229	iPKPc	07	32.30	-0.8
	0.9s	149.00nm				
			id	07	53.30	
			id	08	26.00	

			ic	08	46.50	
KIC	165.81	128	ePKP	07	34.40	-0.3
			e	07	57.40	

S.D. = 1.0 on 287 of 335 obs.

* SEP 11, 1985 18h 23m 01.67± 0.38s
54.324 S ±10.8km 132.002 W ± 8.0km
DEPTH = 10.0km (geophysicist)
5.3mb (13 obs.) 5.5Msz (2 obs.)
SOUTH PACIFIC CORDILLERA (691)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 34C
Centroid Locotion:
Origin Time 18:23:10.4 0.2
Lat 54.65S 0.04 Lon 132.16W 0.05
Dep 10.0 FIX Half-duration 3.3
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.16 0.15 Mtt= 4.09 0.24
Mff=-4.25 0.17 Mrt= 3.46 0.53
Mrf= 3.06 0.59 Mtf= 5.26 0.15
Principal Axes:
T Val= 8.91 Plg=27 Azm=332
N -1.85 60 180
P -7.06 12 68
Best Double Couple:Mo=8.0*10**24
NP1:Strike=113 Dip=62 Slip= 11
NP2: 18 80 151

SBA	31.60	201	e(P)	29	27.00	1.0
AIA	34.05	136	e(P)	29	48.00	0.6
SPA	35.86	180	iPc	30	03.20	-0.1
	1.2s	30.28nm			5.0mb	
Z	18s	8.94um			5.6Msz	
MNG	37.16	270	eP	30	13.00	-1.2
KRP	38.89	273	P	30	34.00	5.3X
MSZ	39.08	259	P	30	31.50	1.3
RUV	40.86	337	iP	30	46.80	1.7
	1.4s	100.00nm			5.3mb	
VAH	40.87	337	iP	30	45.30	0.1
	1.4s	100.00nm			5.3mb	
TPT	41.11	337	iP	30	45.80	-1.3
	1.4s	70.00nm			5.2mb	
PMO	41.15	336	iP	30	44.20	-3.3X
	1.4s	100.00nm			5.4mb	
DRV	41.27	217	e(P)	30	49.00	1.0
			eS	37	00.00	
PCH	47.16	90	eP	31	39.00	3.1X
ROCH	47.33	89	eP	31	38.00	0.5
BACH	47.36	90	eP	31	37.50	0.0
MDZ	48.66	91	e(P)	31	52.20	4.6X
TAU	51.72	247	eP	32	10.00	-0.8
			eS	39	32.00	
WAM	55.53	254	eP	32	31.90	-7.1X
NOU	55.64	280	iPc	32	37.00	-2.9
CAN	56.09	255	eP	32	44.70	1.6
SLA	56.67	87	e(P)	32	45.00	-2.5
YOU	57.19	256	eP	32	37.80	-13.2X
KOU	58.26	279	iPc	32	55.70	-2.8
YJA	58.63	85	ePc	33	01.80	0.1
TPZ	59.05	84	P	33	05.60	1.1
BRS	59.75	264	P	33	04.20	-4.7X
CNC8	61.40	79	P	33	21.30	0.4
LPB	61.55	78	Pd	33	22.00	0.3
	1.4s	55.81nm			5.5mb	
			LR	52	30.00	
ZOBO	61.75	78	ePc	33	23.00	-0.2
	1.4s	34.53nm			5.3mb	
VAO	68.80	100	eP	34	06.70	-1.4
CTA	69.16	264	iPd	34	11.90	1.7
	1.2s	62.50nm			5.7mb	
PSO	71.22	59	ePKP	34	25.00	1.7
ASPA	73.43	253	eP	34	22.00	-13.8X
	1.2s	79.00nm				
MUN	75.98	234	eP	34	50.00	-0.3
WRA	76.13	255	Pd	34	53.10	1.7
	1.0s	8.70nm			4.8mb	
SOB1	83.24	96	eP	35	28.40	-1.2
ITR	85.04	98	eP	35	36.90	-1.8
LTX	86.83	25	eP	35	47.00	-0.2
	1.0s	3.80nm			4.6mb	
BAR	87.65	13	eP	35	54.00	3.0X
GLA	88.27	14	eP	35	57.00	3.0X
PLM	88.29	13	eP	35	58.00	3.7X
RVR	88.86	12	eP	36	03.00	6.3X
JCT	88.92	27	iP	35	58.80	1.7
	1.0s	50.00nm			5.7mb	

MWC	89.00	12	eP	36	05.00	7.3X
TPC	89.14	13	eP	36	00.00	1.9
SBB	89.49	12	eP	36	03.00	3.2X
GSC	90.22	12	eP	36	06.00	2.8X
ISA	90.38	11	eP	36	02.00	-1.9
PRI	90.63	9	e(P)	36	09.00	3.9X
CLC	90.63	12	eP	36	08.00	3.0X
VPEM	90.74	11	P	36	08.00	2.4X
NOP	91.12	13	P	36	05.50	-1.8
FRI	91.56	10	eP	36	12.20	3.0X
ALQ	91.60	21	eP	36	10.00	0.3
	1.1s	17.41nm			5.3mb	
Z	20s	1.60um			5.5Msz	
JAS1	92.42	9	e(P)	36	15.00	1.9
			e	36	36.00	
EUR	94.45	12	iP	36	26.10	3.4X
	0.2s	2.79nm			5.3mb	
BMN	95.23	11	eP	36	27.80	1.6
			e	36	32.00	
BNG	124.81	143	ePKPd	42	00.30	-3.0X
	0.8s	9.00nm				
			id	42	08.50	
CHG	127.55	248	ePKP	42	07.00	-1.4
NDI	146.74	231	e(PKP)	42	43.00	-0.2
EPF	147.18	90	ePKP	42	46.50	3.0X
DAG	147.34	23	iPKPc	42	47.70	5.0X
	0.6s	3.33nm				
MLS	147.57	91	ePKP	42	50.00	5.9X
LFF	148.53	88	ePKP	42	49.90	4.4X
LPO	148.65	88	ePKP	42	50.40	4.6X
MFF	148.93	84	ePKP	42	50.60	4.5X
LPF	149.15	81	ePKP	42	50.70	4.3X
RJF	149.19	88	ePKP	42	51.10	4.5X
CAF	149.30	89	ePKP	42	51.70	4.9X
GRR	149.44	81	ePKP	42	51.50	4.7X
LSF	149.72	86	ePKP	42	52.10	4.7X
FLN	149.84	80	ePKP	42	52.60	5.2X
LDF	149.96	81	ePKP	42	52.90	5.3X
TCF	150.13	87	ePKP	42	53.40	5.4X
MZF	150.31	87	ePKP	42	53.50	5.2X
BGF	150.65	87	ePKP	42	54.50	5.8X
CDR	150.74	94	ePKPc	42	56.70	7.7X
			e	43	02.00	
			e	43	15.60	
LMR	150.97	95	ePKP	42	55.30	6.0X
AVF	151.07	87	ePKP	42	55.20	5.9X
FRF	151.19	95	ePKP	42	55.60	6.0X
SMF	151.28	87	ePKP	42	55.90	6.2X
SSF	151.30	86	ePKP	42	55.60	5.9X
LBF	151.54	87	ePKP	42	56.20	6.1X
LOR	151.61	86	ePKP	42	56.60	6.4X
QUE	152.28	217	ePKP	42	59.70	7.8X
LPG	152.36	92	ePKP	42	57.60	5.9X
DOU	153.39	81	PKP	43	08.00	15.4X
BSF	153.61	87	ePKP	43	01.00	7.9X
MEM	154.43	81	PKP	43	06.00	12.1X
MOX	157.70	85	ePKP	43	07.00	8.7X
KHC	158.20	90	ePKP	43	07.50	8.5X
			e	43	38.00	
CLL	158.77	84	ePKP	43	05.00	5.6X
			e	43	37.00	
PRU	159.14	88	ePKP	43	05.00	5.1X
			e	43	40.00	
			e	47	24.00	
BRG	159.15	86	ePKP	43	35.80	35.9X
	1.8s	30.00nm				
			e	43	56.00	
BRG	159.15	86	ePKP	43	10.00	10.1X

S.D. = 1.5 on 38 of 94 obs.

* SEP 11, 1985 19h 0/m 44.86± 0.86s
6.124 S ±17.8km 154.804 E ±10.1km
DEPTH = 66.2 ± 9.7 km
4.6mb (3 obs.)
SOLOMON ISLANDS (193)

BGA	0.37	94	iPc	07	55.00	-1.5
			eS	08	19.00	
PAA	0.71	104	iPc	07	58.20	-1.6
			eS	08	07.00	
RAB	3.25	306	e(P)	08	41.00	6.4X
BIAL	3.82	282	eP	08	44.00	1.5
KVG	5.33	311	eP	09	09.00	5.2X
VSG	5.77	123	eP	09	12.00	2.0
			eS	10	19.00	
SVO	5.81	121	eP	09	12.00	1.6
			eS	10	23.00	

11d 19h

HNR	6.06	123	eP	09 16.00	2.0
			eS	10 26.00	
PMG	8.25	246	eP	09 44.00	-0.3
NOU	19.63	146	iPd	12 09.00	-1.9
WRA	24.17	233	eP	12 56.20	0.0
MNG	39.02	155	P	15 04.70	-2.0
CHTO	60.35	296	eP	17 50.00	0.3
	0.7s	3.02nm		4.5mb	
PKI	74.82	301	eP	19 20.40	-0.4
KKN	74.99	301	eP	19 21.40	-0.2
DMN	75.09	301	eP	19 22.40	0.2
	0.5s	6.00nm		4.8mb	
SPA	83.92	180	eP	20 09.20	0.4
	0.8s	4.58nm		4.6mb	
	S.D. = 1.5	on	15 of	17 obs.	

SEP 11, 1985 19h 20m 30.66± 0.26s
54.388 S ± 7.0km 132.403 W ± 5.6km
DEPTH = 10.0km (geophysicist)
5.4mb (14 obs.) 5.5Msz (4 obs.)
SOUTH PACIFIC CORDILLERA (691)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 32C
Centroid Location:
Origin Time 19:20:39.2 0.2
Lat 54.70S 0.03 Lon 132.25W 0.05
Dep 10.0 FIX Half-duration 3.4
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.56 0.18 Mtt= 4.36 0.27
Mff=-4.92 0.20 Mrt= 3.80 0.66
Mrf= 4.44 0.74 Mtf= 6.37 0.19
Principal Axes:
T Val= 10.59 Plg=29 Azm=329
N -1.77 56 184
P -8.82 16 69
Best Double Couple:Mo=9.7*10**24
NP1:Strike=112 Dip=57 Slip= 10
NP2: 17 82 147

SBA	31.45	201	iP	26 56.20	2.4
	1.0s	11.00nm		4.7mb	
	Z 21s	6.59um		5.3Msz	
AIA	34.16	136	e(P)	27 22.00	4.6X
SPA	35.80	180	eP	27 33.00	1.3
	1.0s	99.00nm		5.6mb	
	Z 20s	5.90um		5.3Msz	
MNG	36.93	270	eP	27 41.00	-0.2
RUV	40.83	338	iP	28 14.00	0.2
	1.6s	105.00nm		5.3mb	
VAH	40.83	337	iP	28 14.20	0.3
	1.6s	145.00nm		5.4mb	
TPT	41.08	337	iP	28 16.10	0.2
	1.6s	105.00nm		5.3mb	
DRV	41.08	217	eP	28 17.00	1.6
PMO	41.12	337	iP	28 16.60	0.4
	1.6s	165.00nm		5.5mb	
TACH	47.12	90	eP	29 04.50	-0.1
BACH	47.60	90	eP	29 08.00	-0.4
FCH	47.73	90	eP	29 10.00	0.2
MDZ	48.89	91	e(P)	29 18.70	0.3
VBA	49.26	101	eP	29 20.80	-0.4
SNA	50.54	160	eP	29 31.00	0.6
TAU	51.48	248	eP	29 38.00	0.1
			eS	37 00.00	
WAM	55.29	255	eP	30 06.00	-0.3
NOU	55.42	280	iPc	30 05.90	-1.5
CAN	55.85	256	eP	30 09.80	-0.6
SLA	56.91	87	ePc	30 15.40	-2.8
KOU	58.64	279	iPc	30 26.50	0.5
YJA	58.87	85	ePd	30 33.00	0.7
TPZ	59.29	84	P	30 36.20	1.0
CNCB	61.64	79	iP	30 51.60	0.1
LPB	61.79	79	P	30 52.00	-0.4
	1.4s	162.79nm		6.0mb	
			LR	49 10.00	
ZOBO	61.99	79	iPd	30 53.40	-0.5
	1.8s	185.19nm		6.0mb	
			LR	47 20.00	
CTA	68.92	265	iPd	31 37.00	-0.7
	1.1s	18.99nm		5.2mb	
			iS	40 45.00	
			i	50 03.00	
PSO	71.46	60	eP	31 54.50	0.8
ASPA	73.19	253	eP	32 02.00	-1.4
	1.3s	56.00nm		5.5mb	
BAO	74.21	95	iPc	32 09.20	-0.3

MUN	75.75	235	eP	32 17.00	-1.0
WRA	75.89	256	eP	32 17.20	-1.8
BOG	76.05	61	eP	32 21.50	1.2
			iS	42 09.50	
SOB1	83.47	97	eP	32 58.20	-1.6
ITR	85.26	98	eP	33 06.60	-2.2
LTX	86.99	25	eP	33 16.80	-0.2
	1.3s	27.55nm		5.3mb	
BAR	87.77	13	eP	33 18.00	-2.5
GLA	88.40	15	eP	33 24.00	0.4
PLM	88.41	13	eP	33 24.00	0.2
RVR	88.97	12	eP	33 26.00	-0.2
PAS	89.03	12	eP	33 28.00	1.5
JCT	89.08	28	eP	33 27.00	0.1
	1.1s	56.96nm		5.8mb	
MWC	89.12	12	eP	33 28.00	0.8
SYP	89.20	10	eP	33 36.00	8.5X
TPC	89.26	14	eP	33 28.00	0.3
SBB	89.60	12	eP	33 29.00	-0.3
GSC	90.33	13	eP	33 33.00	0.3
ISA	90.49	11	eP	33 34.00	0.6
PRI	90.73	9	eP	33 35.90	1.4
CLC	90.74	12	eP	33 35.00	0.5
FRI	91.67	10	eP	33 39.30	0.7
ALO	91.74	21	eP	33 39.00	-0.3
	1.1s	22.15nm		5.4mb	
	Z 20s	2.07um		5.6Msz	
JAS1	92.52	9	eP	33 42.80	0.2
EUR	94.56	13	iP	33 52.80	0.6
	1.0s	4.81nm		4.9mb	
BNG	124.90	144	iPKPd	39 31.10	-1.3
	0.7s	6.00nm			
			id	39 39.00	
EPF	147.41	91	ePKP	40 17.80	4.9X
DAG	147.49	23	iPKPc	40 14.20	2.3X
	0.5s	3.52nm			
			i	40 27.00	
MLS	147.80	91	ePKP	40 16.40	2.9X
LFF	148.76	88	ePKP	40 20.80	5.9X
LPO	148.88	89	ePKP	40 21.40	6.3X
MFF	149.17	85	ePKP	40 21.80	6.3X
LPF	149.39	82	ePKP	40 22.10	6.3X
RJF	149.43	88	ePKP	40 22.20	6.2X
CAF	149.53	89	ePKP	40 22.70	6.5X
GRR	149.68	81	ePKP	40 23.00	6.8X
LSF	149.95	86	ePKP	40 23.50	6.8X
FLN	150.08	81	ePKP	40 24.10	7.3X
LDF	150.20	81	ePKP	40 24.20	7.2X
TCF	150.37	87	ePKP	40 24.40	7.0X
MZF	150.55	87	ePKP	40 25.00	7.4X
BGF	150.89	87	ePKP	40 25.60	7.5X
CDR	150.97	94	ePKPd	40 25.10	6.8X
			i	54 54.00	
			i	54 59.60	
			i	55 34.40	
			e	57 01.50	
LRG	151.18	95	ePKP	40 25.30	6.7X
LMR	151.20	95	ePKP	40 25.10	6.5X
AVF	151.31	87	ePKP	40 26.50	7.8X
FRF	151.42	95	ePKP	40 25.00	6.0X
SMF	151.52	88	ePKP	40 26.90	7.9X
SSF	151.54	87	ePKP	40 27.10	8.0X
LBF	151.77	87	ePKP	40 27.70	8.2X
LOR	151.85	86	ePKP	40 27.70	8.2X
QUE	152.08	218	ePKP	40 18.00	-2.6X
LPG	152.60	92	ePKP	40 29.00	8.0X
DOU	153.63	82	PKP	40 36.00	14.1X
			e	41 22.00	
BSF	153.85	88	ePKP	40 32.20	9.7X
OHR	157.79	116	ePKP	40 31.00	3.3X
MOX	157.94	85	ePKP	40 35.00	7.4X
KHC	158.44	90	PKP	40 37.50	9.3X
			e	41 06.50	
SKO	158.73	115	ePKP	40 30.00	1.3
	Z 20s	1.62um		5.9Msz	
VAY	158.86	118	ePKP	40 31.50	2.7X
CLL	159.01	84	ePKP	40 35.00	6.3X
			e	41 07.00	
PRU	159.38	89	ePKP	40 34.80	5.7X
BRG	159.39	86	ePKP	40 44.60	15.5X
	2.2s	40.00nm			
			e	41 07.00	
CLO	161.55	110	ePKP	40 35.00	3.5X
KRA	162.56	93	ePKP	40 45.90	13.5X
MLR	163.52	114	ePKP	40 23.00	-10.7X
	S.D. = 1.1	on	54 of	95 obs.	

SEP 11, 1985 29h 02m 58.[illegible]± 0.71s
6.625 S ± 8.3km 149.972 [illegible] 9.2km
DEPTH = 33.0km (normal)
NEW BRITAIN REGION (192)

BIAL	1.69	39	eP	03 25.00	-1.2
LMG	2.90	218	eP	03 44.00	0.4
LAT	2.95	269	eP	03 43.00	-1.2
RAB	3.26	42	e(P)	03 48.50	-0.1
ALOA	3.67	174	eP	03 55.00	0.6
PMG	3.93	225	eP	04 01.00	2.1X
KVG	4.11	12	eP	04 02.00	1.4
MDG	4.39	288	eP	04 05.50	2.9
WRA	20.14	227	iPd	07 32.20	-0.7
	S.D. = 1.2	on	8 of	9 obs.	

SEP 11, 1985 20h 26m 48.83± 0.28s
2.090 S ± 4.3km 138.883 E ± 5.8km
DEPTH = 33.0km (normal)
5.2mb (10 obs.)
WEST IRIAN (201)

WEW	4.96	107	eP	28 02.00	-0.9
LAT	9.27	120	eP	29 02.00	-1.4
AAI	10.79	261	ePc	29 25.50	1.3
			e(S)	31 25.40	
PMG	10.98	132	eP	29 27.00	0.3
KNA	16.84	216	iPd	30 43.00	-0.8
	0.7s	163.00nm		5.3mb	
			eS	33 46.00	
KUPT	17.16	242	eP	30 53.00	5.2X
CGP	17.60	307	eP	30 51.00	-2.3
WRA	18.29	194	eP	31 00.50	-1.4
			eS	34 17.80	
ISO	18.52	178	eP	31 03.00	-1.8
CTA	19.28	159	iPd	31 13.20	-0.7
	0.8s	28.36nm		4.6mb	
ASPA	21.99	192	iPc	31 41.80	-0.2
			eS	35 41.00	
			eScP	35 44.00	
PPR	23.28	301	ePd	31 58.50	3.9X
	1.0s	55.00nm		5.0mb	
KKM	24.03	290	ePd	32 03.20	1.1
MAN	24.25	314	eP	32 05.00	1.0
RMQ	26.05	160	eP	32 22.00	0.9
BRS	28.46	153	eP	32 44.00	0.9
			i	32 46.20	
STK	29.74	175	eP	32 54.00	-0.5
MEK	31.24	217	eP	33 07.50	-0.3
KLG	32.96	208	eP	33 23.00	0.2
YOU	33.23	166	eP	33 25.20	0.1
CAN	34.37	165	iPd	33 37.40	2.4
MRWA	34.67	217	iPc	33 37.40	-0.2
	0.7s	51.00nm		5.6mb	
BFD	35.08	175	eP	33 41.00	0.1
WAM	35.17	166	iPd	33 42.60	0.8
BAL	35.29	214	eP	33 43.00	0.1
QIZ	35.43	308	eP	33 43.40	-0.8
KLB	35.47	212	eP	33 44.00	-0.4
TOO	35.83	171	eP	33 48.00	0.6
MUN	36.61	213	eP	33 54.00	0.0
NWAO	36.79	211	eP	33 56.00	0.5
SSE	37.05	334	Pc	33 57.50	-0.1
IPM	38.40	280	ePc	34 07.10	-2.2
PPI	38.51	272	P	34 11.50	1.3
	0.8s	57.10nm		5.4mb	
NJ2	38.91	332	Pc	34 13.80	0.6
NST	42.18	296	eP	34 40.70	0.3
TIA	43.17	334	eP	34 47.30	-1.0
KMI	44.25	310	Pc	34 58.50	1.0
CHG	44.42	300	iPd	34 59.40	0.7
	1.0s	10.00nm		4.6mb	
CHTO	44.42	300	iPd	34 59.30	0.6
	0.8s	8.24nm		4.6mb	
XAN	45.67	325	Pd	35 08.00	-0.5
SNY	45.87	344	eP	35 09.00	-0.8
BJI	46.80	336	eP	35 16.00	-1.2
CD2	46.84	317	eP	35 18.60	0.8
MDJ	47.23	351	iP	35 21.00	0.4
CN2	47.25	347	Pd	35 19.50	-1.2
BTO	49.99	331	eP	35 42.00	-0.1
LZH	50.09	323	Pd	35 43.50	0.4
GTA	54.68	323	iPd	36 17.30	0.0
LSA	55.46	309	eP	36 22.60	-0.9
PKI	59.25	304	eP	36 49.80	-0.4
	0.6s	9.00nm		5.1mb	
KKN	59.43	304	eP	36 51.20	-0.1

```
        0.8s     47.00nm          5.7mb
DMN     59.51 304 eP     36 52.10    0.2
        0.7s     48.00nm          5.7mb
GBA     62.87 286 P      37 14.50    0.1
WMO     64.63 321 eP     37 25.80    0.1
QUE     75.51 302 eP     38 33.00    0.6
COL     84.86  24 eP     39 24.00    2.7
BNG    120.40 274 ePKPd  45 39.20   -0.4
        0.7s     3.00nm
KIC    143.49 278 ePKP   46 21.00   -1.9
YJA    146.11 137 ePKPc  46 30.00    2.3
TPZ    146.43 135 ePKP   46 31.00    2.8X
CNCB   147.51 126 ePKP   46 31.50    1.3
LPB    147.56 126 PKP    46 26.00   -4.1X
               e         46 36.00
ZOBO   147.68 125 PKP    46 33.40    2.9X
SJG    150.73  55 ePKP   46 33.00   -1.5
        0.8s    29.85nm
      Z  22s     5.93um          6.3MszX
      S.D. = 1.1  on  59 of  64 obs.

*  SEP  11, 1985  20h 35m 22.32± 0.69s
    7.068 N ± 9.1km   95.157 E ±12.4km
   DEPTH =  33.0km  (normal)
   4.5mb (  4 obs.)
 NICOBAR ISLANDS REGION              (704)

BSI     1.57 175 eP     35 47.50   -0.7
                eS      36 12.00
SNG     5.42  89 eP     36 47.00    4.1X
PSI     5.74 139 eP     36 49.00    1.5
IPM     6.34 113 ePd    36 55.10   -0.9
                i(S)    38 12.10
NNT     7.10  39 eP     37 06.50   -0.1
CHTO   12.24  17 eP     38 17.80    0.4
SHL    18.66 351 iP     38 39.60  -60.4X
QUE    35.07 315 eP     42 15.00    0.3
WRA    46.98 126 eP     43 55.60    3.2X
VRI    69.98 316 eP     46 33.00    0.3
KJF    73.95 335 eP     46 57.00    1.1
SUF    74.20 333 eP     46 59.00    1.6
SOD    75.33 338 iP     47 02.30   -1.5
KEV    75.93 341 eP     47 05.00   -2.2
BNG    76.20 273 iPd    47 15.50    5.7X
        0.7s     3.00nm          4.4mb
SLL    79.86 330 (P)    47 23.10   -5.9X
        0.4s     3.10nm          4.7mb
NB2    80.92 331 P      47 29.00   -5.7X
        0.9s     2.90nm          4.3mb
EKA    88.95 326 P      48 18.00    3.1X
        1.0s     6.90nm          4.9mb
      S.D. = 1.4  on  11 of  18 obs.

   SEP  11, 1985  20h 45m 49.54± 1.15s
   39.356 N ± 2.8km   75.407 E ± 2.1km
   DEPTH =  15.3 ±  8.5 km
   5.8mb ( 89 obs.)  6.5Msz ( 17 obs.)
 SOUTHERN XINJIANG, CHINA            (321)
      Ms 6.4 (PAS). Four people
      killed, 61 injured and damage in
      the Wuqia-Kashi-Shufu area. Felt
      (IV) at Sufi-Kurgan and Osh and
      (III) at Andizhon and Fergana,
      USSR.
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 21S, 54C  M.W.: 11S, 22C
      Centroid Location:
      Origin Time          20:46: 1.4 0.3
      Lat 39.53N 0.02 Lon  75.34E 0.04
      Dep  34.0 1.3 Half-duration  4.7
      Moment Tensor; Scale 10**25 D-CM
        Mrr= 2.09 0.04   Mtt=-1.98 0.04
        Mff=-0..0 0.04   Mrt=-0.06 0.10
        Mrf= 0.28 0.11   Mtf= 0.48 0.03
       Principal Axes:
        T  Val=  2.12   Plg=83   Azm=270
        N        -0.02       7        104
        P        -2.10       2         14
      Best Double Couple:Mo=2.1*10**25
       NP1:Strike= 96 Dip=44 Slip=  80
       NP2:        290      47       100

KSH     0.45  77 iPgc   45 59.00    0.2
DDI     9.27 166 eP     48 06.00    0.4
                eS      49 50.00
WMO    10.23  60 eP     48 17.00   -1.8
NDI    10.75 171 iP     48 24.00   -1.9
                S       50 10.00
                iS      50 22.00
QUE    11.48 220 eP     48 35.90   -0.1
                eS      54 48.00
MHI    12.95 261 eP     48 52.00   -3.6X
                eS      51 13.00
KKN    14.16 142 iPd    49 07.60   -4.1X
DMN    14.23 143 iPd    49 09.00   -3.7X
PKI    14.40 142 iPd    49 11.10   -4.0X
KHI    14.41 254 eP     49 11.10   -3.9X
LSA    16.14 122 Pc     49 38.10    0.4
BOK    17.81 147 iP     49 52.00   -6.3X
                iS      50 41.00
GTA    18.86  82 iPd    50 10.60   -0.7
TEH    19.37 267 ePc    50 18.00    0.4
SHL    19.51 130 iP     50 16.00   -3.3X
                iS      54 06.00
AGT    20.44 134 eP     50 28.00   -0.9
BOM    20.51 187 iP     50 32.80    2.3
                iS      54 29.00
POO    20.79 184 iPc    50 31.80   -0.9
        1.3s   730.77nm          5.9mb
                iS      54 28.50
SHI    21.15 250 eP     50 36.00   -0.4
KAD    22.00 183 eP     50 43.00   -1.8
                iS      54 55.00
HYB    22.03 172 iP     50 45.00   -0.2
                iS      54 53.00
LZH    22.69  89 iPc    50 52.80    1.0
CD2    24.59 101 eP     51 12.20    2.0
GBA    25.71 175 P      51 19.80   -1.0
                S       56 19.80
BTO    26.45  76 Pc     51 28.50    0.9
                S       56 04.00
KMI    27.00 114 Pc     51 33.00    0.1
                eS      56 07.00
XAN    27.29  91 Pc     51 35.00   -0.3
HHC    27.58  75 P      51 38.00    0.1
CHG    28.87 128 eP     51 50.50    0.9
TIY    28.88  81 P      51 50.00    0.4
KOD    29.06 176 eP     51 50.00   -1.6
                eS      56 50.00
GYA    29.07 107 Pd     51 52.00    0.5
BJI    31.18  76 eP     52 10.00    0.1
KHT    31.84 134 eP     52 16.00    0.1
NST    32.01 131 eP     52 16.50   -0.9
BHL    32.18 273 Pc     52 19.00    0.1
ADI    32.82 272 iP     52 26.00    1.6
WHN    32.90  93 P      52 25.00   -0.1
TIA    32.91  82 P      52 25.60    0.5
KDE    33.32 288 iP     52 27.00   -1.7
JER    33.36 270 ePd    52 31.00    1.8
PRNI   34.13 267 iP     52 37.00    1.2
NNT    34.26 134 ePd    52 36.20   -0.8
GPA    34.37 286 iP     52 38.90    1.2
HRT    34.72 287 eP     52 41.30    0.5
BCK    34.90 281 eP     52 40.80   -1.6
CFR    35.05 295 ePd    52 43.00   -0.4
ISK    35.12 288 eP     52 44.00   -0.1
TLB    35.21 294 ePd    52 44.50   -0.3
PSN    35.25 293 iPd    52 47.00    1.9
PPE    35.30 297 ePc    52 45.00   -0.6
CLI    35.49 298 ePd    52 47.50    0.2
DL2    35.55  76 eP     52 49.00    1.2
CTT    35.56 288 eP     52 48.00    0.1
ELL    35.64 281 eP     52 53.60    4.9X
NJ2    35.75  88 Pd     52 50.00    0.4
                S       58 24.00
BRD    35.77 296 eP     52 51.50    1.8
DMK    35.91 290 iP     52 50.00   -0.8
QIZ    35.94 114 eP     52 51.00   -0.3
VRI    35.95 297 iPd    52 52.00    0.8
GZH    35.97 105 P      52 53.00    1.5
                S       58 34.00
BNT    36.12 287 ePd    52 53.30    0.6
ISR    36.18 295 ePd    52 55.00    1.8
SNY    36.29  70 eP     52 52.40   -1.6
MLR    36.55 296 iPc    52 57.00    0.7
KGT    36.56 288 eP     52 56.80    0.5
BUC    36.61 294 ePc    53 06.00    9.4X
JMB    36.63 291 iP     52 58.00    1.2
BUC1   36.67 294 iPd    52 56.00   -1.1
YER    36.75 282 eP     53 02.20    4.1X
HKC    37.05 106 eP     53 06.00    5.5X
                eS      58 52.00
IZM    37.14 284 eP     53 01.00   -0.3
KJF    37.22 328 iP     53 01.20   -0.4
        1.0s   124.00nm          5.7mb
               i        53 09.00
               e        54 00.00
               eS       58 44.00
CN2    37.24  67 Pd     53 01.80   -0.1
MSR    37.25 297 eP     52 57.00   -5.1X
DIM    37.44 291 eP     53 05.00    1.3
EZN    37.44 287 iP     53 04.10    0.4
SUF    37.47 325 iP     53 04.10    0.5
        0.4s    13.10nm          5.1mb
PVL    37.50 292 iPd    53 05.00    0.8
PRK    37.64 286 eP     53 06.00    0.6
NUR    37.67 321 eP     53 04.00   -1.4
               e        55 20.00
               eS       58 56.00
COZ    37.69 296 iPc    53 07.00    1.0
KDZ    37.70 290 iPd    53 06.00    0.1
SSE    37.96  88 P      53 09.00    0.8
               S        59 01.00
PLD    38.07 291 eP     53 09.00    0.1
SOD    38.73 332 iP     53 12.50   -1.7
               i        53 21.80
CLO    38.80 296 iPc    53 15.00   -0.1
ASW    38.87 260 eP     53 19.00    3.1X
               eS       55 16.00
MMB    38.90 290 eP     53 20.00    4.0X
OZH    38.92  99 eP     53 16.30    0.1
               S        59 12.00
VTS    39.04 292 iPc    53 18.00    1.0
SNG    39.25 138 eP     53 18.00   -1.0
NPS    39.42 280 eP     53 20.00   -0.4
KEV    39.53 336 iP     53 20.70   -0.1
        0.7s    32.00nm          5.1mb
               i        53 26.20
               e        54 44.00
               eS       59 24.00
VAY    39.81 290 iPc    53 24.00    0.5
SPC    39.89 303 eP     53 25.40    1.0
ATH    39.93 285 eP     53 25.00    0.5
               ePcP     55 12.00
               eS       59 36.00
KRA    39.99 304 iPd    53 24.80   -0.1
        1.2s   338.00nm          5.9mb
     Z  18s    58.00um          6.5Msz
     N  18s    25.90um
     E  18s    35.80um
               i        53 26.60
               e        53 30.20
               i        53 32.60
               e        53 34.80
               eS       59 34.00
MDJ    40.00  64 eP     53 27.00    2.0
               eS       59 30.00
ARO    40.02 235 eP     53 23.00   -2.5
PSZ    40.30 301 iP     53 28.40    0.8
SKO    40.46 292 iPc    53 28.80    0.0
        1.1s   150.00nm          5.6mb
               i        53 57.20
               iS       59 40.00
               iSS      02 28.50
               iScS     03 40.00
BEO    40.49 296 iP     53 30.20    1.2
               i        53 38.10
               iPP      55 11.80
               i(S)     59 42.60
KZN    40.67 289 eP     53 30.60   -0.1
BUD    40.95 300 iPc    53 33.20    0.4
        1.0s    47.50nm          5.2mb
ANP    41.04  96 eP     53 41.00    7.1X
UPP    41.07 319 iP     53 33.30   -0.3
        1.1s   300.00nm          5.9mb
               i        53 36.20
OHR    41.15 291 eP     53 33.70   -0.9
SRO    41.37 301 iP     53 37.40    1.2
     N  20s    42.20um
     E  20s    18.40um
               i        53 44.70
               i        55 18.60
               e(S)     00 00.00
               i        16 36.60
IPM    41.67 140 ePc    53 38.40   -0.6
               e        54 38.70
TTG    41.90 293 iPd    53 41.10    0.5
               e(S)     59 50.00
ZST    42.10 302 eP     53 43.60    1.4
               i        53 50.90
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11d 20h

i(PP) 55 32.80
e(S) 59 54.00
e 16 40.80
TRO 42.14 334 eP 53 41.60 -0.6
KSP 42.20 306 ePc 53 43.50 0.4
1.8s 426.00nm 5.9mb
ic 53 51.80
SOP 42.56 301 iPc 53 41.00 -5.0X
VKA 42.61 302 eP 53 46.00 -0.4
3.0s 985.00nm 6.0mb
Z 15s 39.90um 6.4MszX
i 53 55.10
(pPP) 55 34.30
i 55 44.90
e 00 18.00
HFS 43.06 320 eP 53 49.10 -0.8
0.7s 133.70nm 5.8mb
ZAG 43.34 299 eP 53 52.40 0.0
PRU 43.45 305 Pc 53 53.40 0.2
1.9s 419.60nm 5.9mb
Z 13s 53.10um 6.6MszX
N 15s 94.50um
E 15s 35.60um
i 54 01.70
PP 55 43.00
S 00 24.00
iSS 03 30.00
BRG 43.67 306 iP 53 55.00 0.0
1.7s 430.00nm 6.0mb
i 54 03.20
eS 00 32.00
iPKKP 16 53.00
BRL 43.83 309 eP 53 57.00 0.8
BRN 43.89 309 eP 53 57.50 0.8
ic 54 05.80
COP 43.94 313 iPd 53 58.00 0.9
1.0s 72.00nm 5.5mb
iS 00 35.00
KMR 44.08 302 iP+ 53 58.80 0.4
i 54 06.90
i 54 34.70
CLL 44.18 307 iPc 53 58.60 -0.5
2.1s 590.00nm 6.0mb
ePP 55 49.00
eS 00 35.00
KHC 44.22 304 eP 54 00.00 0.5
1.0s 75.00nm 5.5mb
N 14s 28.90um
E 14s 15.30um
S 00 42.00
e 03 56.00
LJU 44.27 299 iPc 54 00.40 0.4
i 54 08.10
eS 00 39.00
NB2 44.27 321 P 53 59.00 -0.8
1.1s 195.90nm 5.9mb
CEY 44.42 299 iP 54 01.50 0.3
AAE 44.52 237 eP 54 02.50 -0.2
WET 44.67 304 eP 54 03.40 0.2
2.2s 060.00nm 6.3mb
eS 00 46.50
VOY 44.71 299 iPc 54 03.20 -0.4
i 54 11.30
i 54 24.60
KBA 44.82 301 iPc 54 04.40 -0.2
1.5s 298.00nm 6.0mb
i 54 07.80
i 54 14.00
i(PP) 56 02.30
i(S) 00 40.00
BHG 44.98 302 iPd 54 06.10 0.4
KGM 45.03 139 ePd 54 10.80 4.5X
HOF 45.07 306 eP 54 06.50 0.2
MOX 45.17 306 iPd 54 07.00 -0.1
2.0s 598.00nm 6.2mb
Z 16s 90.00um 6.8MszX
N 18s 62.20um
E 20s 30.90um
i 54 15.00
ePP 56 00.00
eS 00 55.00
eSS 04 08.00
SHK 45.38 77 eP 54 08.90 0.0
BAG 45.42 107 eP 54 10.00 0.4
eS 01 02.00
GRF 45.61 305 ePc 54 11.70 1.1
1.1s 110.00nm 5.7mb

Z 19s 28.30um 6.2Msz
MUD 45.67 315 eP 54 12.00 1.1
1.2s 130.00nm 5.8mb
e 55 57.00
PPI 45.76 144 eP 54 11.50 -0.5
FUR 45.92 303 iPc 54 14.00 0.9
2.2s 1613.00nm 6.6mb
eS 01 03.00
OGA 46.41 301 eP 54 16.20 -1.0
ODD 46.59 320 iP 54 21.10 2.9X
KBS 46.64 346 iPd 54 20.90 2.6
0.9s 18.20nm 5.1mb
HYA 46.71 321 iP 54 19.90 0.9
MAN 46.91 109 eP 54 22.50 1.3
OSS 47.04 301 ePd 54 21.90 -0.3
STU 47.12 304 ePd 54 22.50 0.0
0.9s 134.45nm 6.0mb
Z 20s 21.28um 6.1Msz
TNS 47.24 306 eP 54 24.10 0.6
ePP 56 40.00
ASK 47.26 321 iP 54 23.80 0.4
SAX 47.42 302 ePd 54 25.00 -0.3
VDL 47.55 301 ePd 54 25.50 -0.7
WIT 47.73 310 ePd 54 28.50 1.2
epP 54 36.50 27kmX
ePP 56 41.50
ePKKP 17 26.50
LLS 47.75 302 ePd 54 27.00 -0.8
BUH 47.76 304 eP 54 27.50 -0.2
WTS 47.83 309 ePd 54 29.00 0.9
1.0s 87.00nm 5.8mb
ipP 54 36.90 26kmX
ePP 56 34.00
ePKKP 17 26.50
SLE 47.83 303 ePd 54 27.90 -0.3
BNS 47.85 308 iP 54 29.10 0.9
1.3s 240.00nm 6.1mb
BGG 47.93 307 eP 54 29.00 0.1
1.2s 490.00nm 6.4mb
ZUL 47.98 303 ePd 54 28.60 -0.8
TMA 48.05 301 ePd 54 28.90 -1.2
STB 48.15 307 iPc 54 30.60 0.0
2.1s 310.00nm 6.0mb
CDF 48.44 304 iPc 54 32.80 -0.2
2.0s 475.80nm 6.2mb
PPR 48.51 115 ePd 54 35.00 1.3
1.1s 67.00nm 5.6mb
SAP 48.59 63 eP 54 35.00 1.0
eS 01 35.00
MEM 48.66 307 Pc 54 34.30 -0.1
e 55 15.80
ENN 48.67 308 eP 54 34.50 0.0
1.0s 83.00nm 5.7mb
ipP 54 43.00 28kmX
e 55 35.00
ePKKP 17 33.00
MMK 48.67 301 ePd 54 34.30 -0.7
MAT 48.72 72 eP 54 34.00 -1.2
1.4s 127.91nm 5.8mb
Z 20s 18.26um 6.1Msz
eS 01 40.00
DBN 48.79 309 eP- 54 38.00 2.6
N 17s 174.40um
E 20s 44.50um
ePcP 56 07.00
ePP 56 32.00
iS 01 44.00
iPS 02 00.00
i 02 25.00
eSS 05 13.00
WLF 48.81 306 Pc 54 36.20 0.5
S 01 47.00
SS 05 22.00
BSF 48.92 304 iPc 54 36.40 -0.3
DIX 49.03 301 ePd 54 37.60 -0.2
HAU 49.15 304 iPc 54 38.20 -0.2
CVF 49.18 296 iPc 54 37.90 -0.7
1.5s 311.10nm 6.1mb
EMS 49.35 301 ePd 54 40.00 -0.2
KKM 49.48 121 ePd 54 42.50 1.1
1.1s 223.80nm 6.1mb
UCC 49.62 308 P 54 43.00 1.2
S 01 55.00
LPG 49.65 301 iPc 54 42.40 -0.2
DOU 49.66 307 P 54 42.90 0.7
Z 14s 36.40um 6.5MszX
S 01 52.00

SS 05 32.00
SNF 49.74 308 P 54 43.50 0.7
FRF 50.37 298 iPc 54 47.30 -0.4
1.1s 145.40nm 5.9mb
LMR 50.54 298 iPc 54 48.60 -0.4
1.6s 228.80nm 5.9mb
LRG 50.60 298 iPc 54 49.40 0.0
1.3s 151.60nm 5.8mb
LOR 50.98 304 iPc 54 51.30 -1.1
1.0s 50.80nm 5.4mb
LBF 51.00 303 iPc 54 51.40 -1.1
1.3s 88.10nm 5.5mb
SMF 51.19 303 iPc 54 53.30 -0.7
SSF 51.27 304 iPc 54 53.70 -0.9
1.6s 238.80nm 5.9mb
AVF 51.46 303 iPc 54 55.30 -0.7
GRC 51.48 304 iPd 54 55.60 -0.5
BGF 51.87 303 iPc 54 58.30 -0.8
1.5s 140.60nm 5.7mb
MZF 52.16 303 iPc 55 01.00 -0.3
ESY 52.22 316 iPc 55 00.30 -1.3
1.0s 74.00nm 5.6mb
EDU 52.26 317 ePc 55 00.80 -1.1
TCF 52.38 303 iPc 55 02.70 -0.3
EBL 52.50 316 ePc 55 02.80 -0.9
1.0s 59.00nm 5.5mb
EBH 52.61 316 iPc 55 05.10 0.6
1.0s 74.00nm 5.6mb
ELO 52.65 317 ePc 55 03.80 -1.1
EKA 52.69 315 Pd 55 04.50 -0.6
0.8s 59.90nm 5.6mb
EAU 52.70 316 ePc 55 04.20 -1.0
ESK 52.72 315 ePd 55 05.00 -0.4
1.0s 120.00nm 5.8mb
LSF 52.83 303 iPc 55 05.50 -0.9
CAF 52.96 301 iPc 55 07.00 -0.3
DAG 53.02 343 iPd 55 05.70 -1.6
0.8s 11.19nm 4.8mb
iS 02 40.00
LDF 53.06 306 iPc 55 07.30 -0.7
1.3s 248.30nm 6.0mb
RJF 53.18 302 iPc 55 08.80 -0.1
2.0s 662.40nm 6.2mb
FLN 53.23 307 iPc 55 08.40 -0.8
1.1s 78.30nm 5.6mb
GRR 53.59 306 iPc 55 11.00 -0.9
LPO 53.63 302 iPc 55 11.70 -0.5
1.0s 64.00nm 5.6mb
CGP 53.66 111 ePd 55 11.50 -1.2
NAI 53.72 231 eP 55 14.00 0.6
1.0s 30.00nm 5.2mb
MFF 53.79 304 iPc 55 12.30 -1.0
1.2s 148.70nm 5.9mb
LFF 53.83 302 iPc 55 13.40 -0.2
1.0s 101.50nm 5.8mb
LPF 53.83 306 iPc 55 12.60 -1.0
0.9s 55.80nm 5.6mb
MLS 54.36 300 iPc 55 16.30 -1.4
EPF 54.84 300 iPc 55 19.50 -1.7
1.0s 46.00nm 5.5mb
DAV 55.23 112 eP 55 26.00 1.7
iS 03 20.00
ETA 55.26 313 iPc 55 23.10 -0.9
1.2s 155.00nm 5.9mb
ECP 55.53 312 iPc 55 25.90 -0.1
0.9s 167.00nm 6.1mb
ABA 55.59 292 iP 55 26.00 -0.6
ECB 55.70 313 iPc 55 25.30 -1.9
AKU 56.27 330 eP 55 33.10 2.0
1.3s 76.92nm 5.6mb
Z 18s 36.43um 6.5Msz
ALE 56.58 354 ePc 55 32.10 -1.2
1.0s 38.00nm 5.4mb
ALI 57.39 295 iP+ 55 46.50 7.0X
iS 03 46.50
VAL 57.83 313 eP 55 44.00 1.6
S 03 45.00
TRT 58.15 135 ePd 55 42.30 -2.6
TOL 59.17 298 iPd 55 52.50 0.6
1.0s 6.00nm 4.7mb X
i 56 00.50
i 56 10.00
ePP 57 50.00
ePPP 59 38.00
iS 04 03.00
iSS 07 50.00
ALM 59.48 294 eP 55 49.00 -5.1X

			eS	04	12.00	
CRT	60.12	295	eP	55	58.00	-0.6
PTO	61.64	301	P	56	07.90	-0.9
			IS	04	32.00	
BNG	61.89	251	IPc	56	08.10	-2.7
	0.9s	205.00nm			6.3mb	
			Id	56	31.90	
			ic	57	13.40	
IFR	63.02	292	IP	56	18.50	0.2
AVY	63.49	209	IPd	56	20.90	-0.5
NPA	63.81	219	eP	56	26.00	2.7
SMY	64.53	42	P	56	40.00	12.4X
Z	18s	30.48um			6.5Msz	
AAI	64.69	118	e(P)	56	31.90	2.8X
AVE	64.77	293	IP	56	28.80	-0.7
			i	56	44.00	
GDH	65.39	342	ePc	56	32.00	-1.0
	1.0s	20.00nm			5.2mb	
Z	19s	51.74um			6.7Msz	
			i	57	36.00	
			i	05	23.00	
			i	06	32.00	
PJG	65.67	92	eP	56	42.50	7.0X
GUA	65.74	92	eP	56	42.80	6.8X
Z	18s	5.91um			5.8Msz	
			eS	05	31.00	
TET	67.63	224	eP	56	50.00	2.2
	1.0s	80.00nm			5.8mb	
IMA	68.32	19	eP	56	50.40	-1.4
MTD	69.23	225	IPc	56	58.80	0.9
LSZ	69.95	229	iP	57	01.30	-1.1
			i	57	08.30	
TTA	70.10	22	P	57	02.00	-0.7
INK	70.49	11	eP	57	04.00	-0.8
	1.0s	109.00nm			5.9mb	
COL	70.72	18	eP	57	05.00	-1.3
	1.2s	101.56nm			5.8mb	
Z	20s	41.13um			6.7Msz	
			eS	06	25.00	
FBA	70.72	18	eP	57	05.30	-1.0
	1.2s	93.80nm			5.8mb	
PME	73.12	20	eP	57	19.60	-1.0
	1.2s	74.20nm			5.6mb	
Z	20s	69.00um			6.9Msz	
PMR	73.12	21	P	57	19.60	-1.0
Z	18s	68.57um			7.0Msz	
TOA	73.47	19	eP	57	22.00	-0.7
BUL	73.59	226	IPc	57	23.20	-0.8
	1.2s	75.00nm			5.6mb	
			IS	07	07.00	
KNA	74.03	127	eP	57	26.00	-0.4
	1.3s	200.00nm			6.0mb	
KDC	75.26	24	eP	57	32.70	-0.3
MRWA	78.00	144	eP	57	48.00	-0.6
YKA	78.18	5	eP	57	50.10	0.9
RSNT	78.19	5	P	57	49.00	-0.3
YKC	78.20	5	ePc	57	48.50	-0.8
	0.8s	137.00nm			6.1mb	
SLR	78.28	222	IPd	57	49.60	-0.9
	1.4s	209.30nm			6.0mb	
Z	21s	11.11um			6.2Msz	
KIC	78.38	269	iPc	57	50.90	-0.3
	1.1s	203.00nm			6.2mb	
EVA	78.50	221	e(P)	57	52.50	0.8
	0.6s	26.67nm			5.5mb	
BAL	79.50	145	P	57	57.00	0.2
BFS	80.01	223	IPc	57	57.90	-1.9
	1.0s	254.00nm			6.2mb	
MUN	80.45	146	eP	58	02.00	0.1
SIT	80.51	16	eP	58	02.90	1.0
WRA	80.66	125	IPc	58	02.30	-1.0
SEK	80.72	221	iPc	58	04.00	0.4
	1.0s	100.00nm			5.8mb	
SCH	80.76	339	eP	58	03.00	-0.4
KLB	80.81	144	P	58	04.00	0.2
NWAO	81.71	145	eP	58	08.00	-0.4
STJ	81.92	327	eP	58	13.00	3.5X
BLF	82.10	222	eP	58	12.00	1.2
	1.0s	80.00nm			5.8mb	
PMG	82.12	109	e(P)	58	13.00	2.0
WIN	82.21	233	iPc	58	12.50	0.9
	1.0s	92.00nm			5.8mb	
ASPA	83.14	128	eP	58	16.00	-0.2
	1.1s	88.00nm			5.9mb	
FFC	86.26	358	iPc	58	31.20	-0.2
	1.4s	106.00nm			5.9mb	
EDM	87.49	5	iP	58	37.50	0.1
	0.9s	135.00nm			6.2mb	
SUR	87.51	224	IPc	58	38.50	0.6
	1.4s	302.33nm			6.4mb	
Z	18s	12.37um			6.4Msz	
CTA	88.66	117	IPc	58	43.20	-0.2
	1.3s	99.04nm			6.0mb	
			IS	09	17.00	
TUH	89.11	224	IPc	58	47.50	2.3
	1.0s	140.00nm			6.2mb	
RSON	89.66	353	P	58	47.00	-0.8
	1.0s	35.00nm			5.6mb	
SES	90.45	4	ePc	58	51.00	-0.5
	1.0s	113.00nm			6.1mb	
PNT	90.71	10	iP	58	53.00	0.2
	0.8s	89.00nm			6.1mb	
MNT	91.06	339	eP	59	03.50	9.1X
LHC	91.56	350	eP	58	57.00	0.4
YKM	91.61	7	iPd	58	57.40	0.3
RXF	91.67	7	eP	58	57.90	0.6
OTT	91.73	340	eP	58	58.00	0.5
GMW	91.97	12	P	58	59.00	1.2
LDM	92.05	7	iPd	58	59.20	0.2
NEW	92.05	8	eP	58	59.60	0.6
	1.0s	43.00nm			5.8mb	
RSNY	92.19	339	P	59	00.00	0.4
LHD	92.23	7	eP	59	00.00	0.2
CLX	92.32	7	eP	59	01.30	0.9
RSSD	96.90	360	P	59	22.00	0.5
HPI	96.96	6	P	59	22.00	0.1
EUR	100.85	9	IPdiff	59	42.20	3.0X
	0.2s	5.58nm			5.8mb	
GLD	101.27	0	e(Pdif	59	44.00	3.0X
Z	19s	31.46um			6.8Msz	
GOL	101.32	1	e(Pdif	59	39.00	-2.4X
Z	18s	23.40um			6.7Msz	
ALQ	106.05	2	e(Pdif	00	00.00	-2.4X
Z	19s	35.07um			6.9Msz	
BMG	125.36	320	ePKP	05	09.00	17.1X
PSO	132.53	322	ePKP	05	08.00	2.0X
ZOBO	140.78	295	PKP	05	19.60	-1.9
LPB	140.94	295	PKPc	05	23.00	1.4
Z	22s	8.15um			6.4Msz	
		(SKS)		08	30.00	
		LR		00	25.00	
CNCB	141.04	295	PKP	05	25.20	3.3X
TPZ	142.37	287	ePKP	05	23.00	-0.9
YJA	142.63	286	ePKP	05	23.00	-1.5
ARE	143.23	299	ePKP	05	28.00	2.6X
SLA	144.08	282	e(PKP)	05	22.00	-4.5X
AAS	144.09	215	ePKP	05	22.00	-3.1X
AIA	145.26	209	ePKP	05	27.20	0.2
V8A	146.94	258	ePKPc	05	32.30	1.6
VCA	148.23	278	ePKPd	05	37.00	3.8X
RTLL	149.62	274	ePKPd	05	40.80	5.6X
RTCB	149.94	274	ePKPd	05	41.00	5.3X
MDZ	150.55	271	I(PKP)	05	42.20	5.7X
RFA	150.94	268	ePKP	05	40.40	3.3X
FCH	151.84	272	ePKP	05	45.50	6.7X
BACH	152.00	272	iPKPc	05	45.50	6.8X
PCH	152.12	271	ePKP	05	45.00	6.1X
ROCH	152.26	273	ePKP	05	46.00	6.7X
TACH	152.46	271	ePKP	05	46.50	7.2X
LNV	152.93	271	ePKP	05	50.00	10.2X
S.D. = 1.0		on 278 of 325 obs.				

* SEP 11, 1985 21h 02m 22.06± 0.80s
6.505 S ± 8.2km 150.154 E ± 9.5km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)

NEW BRITAIN REGION (192)

RAB	3.05	41	e(P)	03	08.50	-0.6
LMG	3.11	220	IPd	03	09.00	-1.0
ALOA	3.78	177	eP	03	19.00	-0.3
KVG	3.96	9	eP	03	27.00	5.0X
PMG	4.14	226	eP	03	25.00	0.4
MDG	4.53	286	eP	03	30.00	-0.1
WEW	7.13	294	e(P)	04	08.00	1.2
RMQ	19.92	184	iPc	06	55.50	1.5
WRA	20.35	227	iPd	06	57.10	-1.5
BRS	20.92	173	P	07	05.50	1.1
ASPA	23.14	221	eP	07	26.00	-0.5
	0.8s	12.00nm			4.4mb	
S.D. = 1.1		on 10 of 11 obs.				

? SEP 11, 1985 21h 06m 37.41± 2.76s
2.514 S ±33.7km 138.756 E ±13.3km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)

WEST IRIAN (201)

WEW	4.97	102	e(P)	07	51.00	-0.8
MDG	7.52	111	eP	08	28.00	0.5
KNA	16.43	216	eP	10	28.00	0.9
	0.6s	38.00nm			4.7mb	
WRA	17.85	194	eP	10	43.70	-1.4
			i	10	46.90	
			eS	13	57.50	
CTA	18.94	158	IPc	10	58.40	0.0
	0.8s	13.43nm			4.2mb	
BRS	28.14	153	P	12	23.00	-5.8X
YOU	32.85	165	eP	13	11.70	1.3
CAN	34.00	165	eP	13	20.50	0.1
MRWA	34.26	217	eP	13	22.00	-0.7
WAM	34.80	166	eP	13	29.70	2.6X
S.D. = 1.1		on 8 of 10 obs.				

SEP 11, 1985 21h 08m 47.89± 1.21s
39.381 N ± 4.1km 75.341 E ± 3.1km
DEPTH = 17.6 ± 9.1 km
5.1mb (43 obs.) 4.9Msz (1 obs.)

SOUTHERN XINJIANG, CHINA (321)

KSH	0.50	81	Pg	08	57.00	-1.0
WMQ	10.26	60	eP	11	17.00	-0.4
			Lg	14	22.50	
NDI	10.78	171	eP	11	23.00	-1.5
			eS	13	21.00	
QUE	11.47	219	eP	11	35.00	1.0
			eS	13	40.00	
MHI	12.90	261	eP	11	50.00	-3.1X
			eS	14	12.00	
KKN	14.21	141	iP	12	06.10	-4.4X
DMN	14.28	142	IP	12	07.50	-4.0X
KHI	14.37	254	eP	12	09.10	-3.4X
PKI	14.45	142	IP	12	09.40	-4.5X
GTA	18.91	82	P	13	10.60	0.6
POO	20.81	184	eP	13	32.00	1.0
HYB	22.06	172	eP	13	43.00	-0.5
			eS	17	41.00	
LZH	22.74	89	eP	13	51.50	1.2
CD2	24.65	101	IPd	14	10.80	2.1
GBA	25.74	175	P	14	18.40	-0.7
			S	19	13.40	
BTO	26.50	76	eP	14	26.10	0.0
KMI	27.06	113	eP	14	31.00	-0.4
XAN	27.34	91	P	14	34.00	0.2
TIA	32.96	82	P	15	24.40	0.8
NNT	34.31	134	eP	15	34.90	-0.6
BCK	34.85	281	eP	15	36.80	-3.2X
NJ2	35.80	88	Pc	15	49.50	1.4
QIZ	36.00	114	eP	15	50.00	0.2
KJF	37.18	328	eP	16	02.00	2.8
SUF	37.42	325	iP	16	01.50	0.2
	0.5s	3.80nm			4.5mb	
NUR	37.62	321	IP	16	03.20	0.2
	0.9s	32.10nm			5.1mb	
Z	20s	1.90um			4.9Msz	
			LR	04	40.00	
SSE	38.01	88	P	16	07.70	1.1
SOD	38.69	332	iP	16	13.30	1.4
KEV	39.49	336	eP	16	15.00	-3.5X
VAY	39.75	290	eP	16	21.60	0.5
SPC	39.84	303	eP	16	23.10	1.2
KRA	39.93	304	eP	16	22.60	0.1
	0.9s	47.00nm			5.2mb	
SKO	40.40	292	eP	16	27.00	0.6
BEO	40.43	296	iP	16	28.10	1.5
BEO	40.43	296	IP	16	28.10	1.5
UPP	41.02	319	iP	16	32.60	1.4
OHR	41.09	291	eP	16	24.50	-7.7X
SOP	42.50	301	ePc	16	43.90	0.3
HFS	43.00	320	eP	16	47.10	-0.4
	0.5s	22.20nm			5.1mb	
PRU	43.39	305	P	16	51.50	0.7
BRG	43.61	306	iP	16	53.50	0.9
	1.3s	33.00nm			5.0mb	
CLL	44.13	307	eP	16	58.00	1.3
KHC	44.16	304	P	16	58.50	1.4
LJU	44.22	299	eP	16	58.00	0.5
NB2	44.22	321	P	16	57.10	-0.3
	0.7s	15.30nm			5.0mb	
VOY	44.65	299	eP	17	01.00	-0.2
KBA	44.76	301	i(P)	17	01.30	-0.9

11d 21h

GRF	45.55	305	eP	17	09.70	1.5	FBA	70.71	18	eP	20	03.20	-1.1	SHK	23.42	25	eP	12	09.40	0.8
	1.1s	50.00nm			5.4mb			1.2s	27.30nm			5.3mb		PSI	24.26	245	iPc	12	17.50	0.7
OSS	46.99	301	ePd	17	19.50	-0.3	PWA	72.86	21	eP	20	16.10	-1.0		1.4s	230.10nm			5.5mb	
SAX	47.36	302	ePd	17	22.60	-0.3	BUL	73.57	225	iPd	20	21.70	-0.2	PPI	24.64	237	eP	12	21.50	1.1
LLS	47.69	302	ePd	17	24.70	-0.7	KNA	74.08	126	eP	20	24.50	-0.3	TIY	25.17	344	P	12	25.50	0.2
TMA	48.00	301	ePd	17	26.60	-1.1	KDC	75.26	24	eP	20	31.00	0.0	LZH	27.13	329	iPc	12	43.50	0.2
CDF	48.38	304	eP	17	30.40	-0.2	YKA	78.16	5	eP	20	47.50	0.4	MAT	27.62	31	eP	12	47.00	-0.5
	1.0s	16.00nm			5.0mb		KIC	78.33	269	iP	20	49.00	0.1		1.2s	28.13nm			4.8mb	
MEM	48.60	307	P	17	32.50	0.5		0.7s	53.00nm			5.7mb		HHC	28.35	345	eP	12	54.20	0.0
MAT	48.76	72	eP	17	33.00	-0.5	WRA	80.72	125	eP	21	01.00	-0.6	BTO	28.54	343	eP	12	54.90	-1.0
	1.0s	15.00nm			5.0mb		ASPA	83.20	128	eP	21	14.00	-0.5	SHL	29.74	298	iP	13	05.50	-1.3
WLF	48.76	306	Pc	17	33.70	0.4		0.7s	25.00nm			5.5mb		CN2	30.36	7	eP	13	10.60	-1.1
BSF	48.86	304	eP	17	34.10	-0.2	FFC	86.24	358	eP	21	29.00	-0.3	GTA	31.73	328	iPc	13	24.40	0.4
	1.1s	60.50nm			5.5mb			0.8s	11.00nm			5.1mb					PcP	16	13.00	
DIX	48.97	301	ePd	17	35.10	-0.3	EDM	87.47	5	iP	21	35.50	0.1				ScP	19	44.70	
HAU	49.09	304	eP	17	35.80	-0.2	CTA	88.71	117	iPd	21	42.00	0.3	LSA	31.82	305	eP	13	25.10	-0.2
	0.9s	19.60nm			5.1mb			1.0s	14.00nm			5.2mb		WRA	35.86	158	iPc	13	57.50	-1.9
CVF	49.12	296	eP	17	36.10	-0.1	SES	90.43	4	ePc	21	49.30	-0.2				i	14	25.00	
	1.0s	30.40nm			5.3mb		PNT	90.70	10	iP	21	50.00	-0.7				eS	19	24.50	
KKM	49.54	121	ePd	17	41.00	1.2		0.9s	27.00nm			5.5mb		PKI	35.87	298	eP	13	59.60	-0.3
LPG	49.59	301	eP	17	40.10	-0.1	LHC	91.52	350	eP	21	54.00	-0.5		0.6s	28.00nm			5.2mb	
	0.9s	29.40nm			5.3mb		AIA	145.26	209	e(PKP)	28	21.00	-4.0X	KKN	36.04	299	eP	14	00.90	-0.3
DOU	49.61	307	P	17	40.40	0.6	MDZ	150.50	271	ePKP	28	41.00	6.5X	DMN	36.14	298	eP	14	01.90	-0.2
SNF	49.68	308	P	17	41.70	1.3		S.D. = 0.9 on 106 of 116 obs.						ASPA	39.16	161	eP	14	26.00	-1.0
FRF	50.31	298	eP	17	45.20	-0.1									0.5s	18.00nm			5.1mb	
	0.8s	26.20nm			5.3mb		& SEP 11, 1985 22h 01m 45.60s							MEK	40.03	183	iPd	14	33.50	-0.6
LMR	50.48	298	eP	17	46.50	-0.1	40.328 N 124.303 W							HYB	40.92	281	ePd	14	42.50	0.9
LRG	50.54	298	eP	17	47.20	0.2	DEPTH = 5.0km							WMO	41.40	323	eP	14	46.00	0.7
	0.8s	9.10nm			4.8mb		NEAR COAST OF NORTHERN CALIF. (35)							CTA	41.75	143	iPd	14	49.00	0.7
CDR	50.87	299	ePc	17	50.40	0.8	<BRK>. ML 3.3 (BRK).								1.2s	17.19nm			4.6mb	
			e	18	30.00												i	15	16.00	
LOR	50.92	304	eP	17	49.10	-0.9	FHC	0.53	27	iPc	01	55.90	-0.4	G8A	42.20	275	P	14	52.50	0.4
	0.8s	10.70nm			4.8mb					i	01	58.70		MRWA	42.82	186	iPd	14	56.00	-0.9
LBF	50.94	303	eP	17	49.10	-1.0				eS	02	03.60			0.7s	32.00nm			5.1mb	
	0.9s	9.40nm			4.7mb		WDC	1.37	79	iPc	02	09.20	-2.1	NDI	43.16	297	eP	14	57.60	-2.2
SMF	51.14	303	eP	17	51.00	-0.6				eS	02	27.10		NDI	43.16	297	eP	14	51.60	-8.2X
	1.1s	31.70nm			5.2mb		GAS	1.39	118	eP	02	10.30	-1.5	BAL	44.13	185	eP	15	06.00	-1.5
SSF	51.22	304	eP	17	51.50	-0.7	MIN	2.06	89	iPc	02	19.00	-2.5	KLB	45.03	184	eP	15	14.00	-0.6
	0.9s	13.10nm			4.9mb					e(S)	02	47.30			0.6s	65.00nm			5.5mb	
AVF	51.41	303	eP	17	53.10	-0.5	ORV	2.29	109	eP	02	22.50	-2.1				e	15	41.50	
	0.9s	37.50nm			5.3mb					eS	02	50.40		POO	45.38	283	eP	15	18.00	0.4
BGF	51.81	303	eP	17	56.10	-0.6	LMHM	2.36	57	e(P)	02	23.00	-2.9	NWAO	46.39	184	iPd	15	24.60	-0.7
	0.9s	14.10nm			4.9mb		PCC	3.20	151	e(P)	02	33.10	-4.3	RKG	47.54	184	eP	15	38.00	3.7X
MZF	52.10	303	eP	17	58.90	0.0	ARN	3.68	143	eP	02	41.30	-3.1				e	16	05.00	
	0.9s	25.80nm			5.2mb		SLD	4.05	142	eP	02	46.50	-3.0	QUE	52.24	298	eP	16	09.60	-1.0
TCF	52.32	303	eP	18	00.50	-0.1		9 obs. associated						TTA	74.86	28	eP	18	39.50	1.5
	1.0s	17.40nm			4.9mb									IMA	75.83	25	eP	18	44.70	1.2
EKA	52.64	315	P	18	02.00	-0.8	SEP 11, 1985 22h 07m 10.79± 0.52s							PME	78.20	29	eP	18	57.00	0.5
	0.9s	17.90nm			5.0mb		13.594 N ± 3.5km 120.893 E ± 5.1km								0.8s	12.00nm			4.7mb	
LSF	52.77	303	eP	18	03.20	-0.8	DEPTH = 135.0 ± 5.1 km							KEV	78.70	339	eP	18	59.00	-0.1
	0.9s	12.70nm			4.8mb		4.9mb (16 obs.)							MGI	79.06	301	iP	19	03.50	1.7
CAF	52.90	301	eP	18	04.80	-0.2	MINDORO, PHILIPPINE ISLANDS (250)							SOD	79.20	337	iP	19	01.30	-0.6
	0.9s	16.30nm			5.0mb									KJF	79.26	334	iP	19	01.80	-0.4
DAG	52.98	343	iPc	18	03.80	-1.2	OCP	1.05	10	iP	08	20.50	45.6X		0.7s	16.00nm			4.9mb	
	0.4s	12.71nm			5.2mb		MAN	1.07	10	eP	07	34.80	-0.3	JER	79.37	300	iPd	19	05.50	1.9
LDF	53.01	306	eP	18	04.90	-0.7				eS	07	52.80		PRNI	79.77	299	iP	19	07.00	1.3
	0.8s	21.40nm			5.1mb		BAG	2.82	354	iPd	07	54.50	-1.5	SUF	80.20	332	eP	19	06.00	-1.2
RJF	53.12	302	eP	18	06.80	0.2	SZP	3.96	354	ePd	08	03.00	-7.9X	NUR	81.34	330	iP	19	14.20	1.0
FLN	53.17	307	eP	18	05.80	-1.0				eS	09	03.00			0.8s	14.70nm			4.8mb	
	1.0s	10.00nm			4.7mb		CVP	4.18	12	ePd	08	15.00	1.1	INK	83.13	21	iPd	19	23.10	0.7
GRR	53.54	306	eP	18	08.70	-0.8				eS	09	06.00		MLR	83.86	315	ePd	19	27.00	0.3
	1.0s	36.10nm			5.3mb		PPR	4.34	209	iPd	08	15.00	-1.1	NAI	84.55	267	eP	19	34.00	3.1X
LPO	53.57	301	eP	18	09.50	-0.3				iS	09	17.00			1.0s	31.00nm			5.1mb	
	0.8s	10.70nm			4.9mb		CGP	6.32	143	ePc	08	44.80	1.9	UPP	84.89	330	iP	19	30.50	-0.8
MFF	53.73	304	eP	18	10.00	-0.9				iS	09	06.50		NPA	85.63	253	iPd	19	41.00	5.1X
	0.9s	16.30nm			5.0mb		DAV	7.94	144	eP	09	08.90	4.2X	CLO	86.11	315	eP	19	38.00	0.2
LFF	53.77	302	eP	18	11.30	0.0	KKM	8.80	212	ePc	09	16.40	-0.1	HFS	86.66	331	eP	19	39.30	-0.8
	0.7s	13.50nm			5.1mb		QIZ	11.90	298	eP	09	57.00	-0.3		0.5s	3.80nm			4.6mb	
LPF	53.78	306	eP	18	10.20	-1.0	SSE	17.42	1	Pc	11	07.00	0.1	VAY	87.27	312	eP	19	42.20	-1.2
EPF	54.78	300	eP	18	17.30	-1.5	WHN	17.92	341	P	11	13.00	0.1	NB2	87.44	333	P	19	42.70	-1.2
	0.5s	5.30nm			4.8mb		NJ2	18.47	355	Pc	11	19.00	0.1		0.9s	8.00nm			4.7mb	
TOL	59.11	298	iP	18	50.50	0.9	GYA	18.48	316	P	11	19.40	0.1	KSP	88.55	322	eP	19	49.50	0.1
	1.2s	2.50nm			4.2mb		NST	20.19	278	eP	11	36.00	-0.9				e	20	19.50	
BNG	61.85	231	iPc	19	06.10	-2.5	KMI	20.58	307	eP	11	40.50	-0.6	PRU	89.90	322	eP	19	56.50	0.8
	0.7s	41.00nm			5.7mb		NNT	20.63	270	eP	11	41.80	0.4	BRG	89.94	323	eP	19	56.00	0.1
			Id	19	13.90		KGM	20.84	238	ePc	11	45.20	1.7		1.1s	10.00nm			4.8mb	
			Id	19	30.06		SNG	20.93	254	eP	11	45.00	0.7				e	20	34.00	
IFR	62.97	292	iPd	19	16.00	0.0	IPM	21.55	247	ePc	11	49.00	-1.5	CLL	90.32	323	eP	19	57.00	-0.6
AVY	63.48	209	eP	19	18.80	-0.6		0.8s	26.60nm			4.7mb		KHC	90.80	321	eP	20	00.00	0.0
AVE	64.71	293	iP	19	26.50	-0.7				e	12	05.90		KBA	91.71	319	eP	20	03.00	-1.4
IMA	68.31	19	eP	19	48.20	-1.5	KHT	21.65	276	eP	11	52.50	1.0	EUR	105.27	42	iPKP	25	31.00	11.5X
MTD	69.21	225	iPc	19	57.00	1.2	CHG	21.70	287	iPd	11	53.60	1.6		0.5s	3.72nm				
LSZ	69.93	229	iP	20	00.90	0.7		0.9s	21.01nm			4.5mb		JCT	121.24	41	ePKP	25	49.50	-0.3
			i	20	17.90		TRT	22.69	202	iPc	12	04.40	2.8		1.0s	7.50nm				
INK	70.47	11	eP	20	02.00	-0.7	TIA	22.77	352	eP	12	03.10	0.8	KIC	122.50	287	ePKP	25	52.10	-0.5
COL	70.71	18	eP	20	03.00	-1.3	XAN	23.07	334	Pc	12	05.00	-0.3		S.D. = 1.0 on 78 of 86 obs.					
	1.1s	20.25nm			5.2mb		CD2	23.36	320	eP	12	09.00	0.8							

• SEP 11, 1985 22h 16m 47.04± 0.89s
36.593 N ±11.2km 71.572 E ±14.2km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.46	212	eP	18 36.00	-0.6
			eS	19 53.00	
NDI	9.21	147	eP	19 02.00	1.4
			eS	20 37.00	
MHI	9.74	272	eP	19 09.00	1.0
HYB	20.08	160	eP	21 19.50	-1.1
GBA	23.49	166	P	21 54.50	-0.2
			S	26 14.50	
SUF	38.09	328	iP	24 05.30	1.3
HFS	43.28	322	eP	24 45.90	-0.9
	0.2s		2.20nm	4.6mb	
NB2	44.58	323	P	24 56.50	-1.0
	0.6s		2.10nm	4.2mb	
	S.D. = 1.3		on 8 of 8 obs.		

SEP 11, 1985 23h 04m 54.69± 0.56s
39.327 N ± 6.3km 75.299 E ±10.5km
DEPTH = 10.0km (geophysicist)
4.7mb (30 obs.)
SOUTHERN XINJIANG CHINA (321)

NDI	10.73	171	eP	07 31.00	-0.5
			eS	09 25.00	
MHI	12.86	261	eP	07 58.00	-2.3X
KKN	14.19	141	eP	08 12.70	-5.3X
DMN	14.25	142	eP	08 14.20	-4.7X
	0.5s		36.00nm	5.3mb	
KHI	14.32	254	eP	08 17.80	-1.9
PKI	14.43	141	eP	08 16.30	-5.0X
	0.5s		23.00nm	5.1mb	
POO	20.76	184	eP	09 40.50	2.2
HYB	22.01	172	eP	09 55.50	4.5X
GBA	25.69	175	P	10 30.00	3.5X
	0.5s		4.10nm	4.4mb	
MLR	36.48	296	ePd	12 03.50	1.7
KJF	37.20	328	eP	12 07.00	-0.4
SUF	37.44	325	iP	12 09.70	0.3
	0.5s		6.90nm	4.7mb	
NUR	37.64	321	iP	12 11.50	0.4
	0.6s		15.60nm	5.0mb	
SOD	38.72	332	iP	12 20.10	0.0
KEV	39.53	336	eP	12 26.00	-0.8
HFS	43.02	320	eP	12 55.40	-0.3
	0.5s		38.10nm	5.4mb	
PRU	43.39	305	eP	13 00.00	1.2
BRG	43.62	306	iP	13 01.00	0.4
	0.8s		10.00nm	4.7mb	
			i	13 08.00	
CLL	44.13	307	iPd	13 05.50	0.7
KHC	44.17	304	P	13 06.00	0.9
	0.8s		10.00nm	4.7mb	
LJU	44.21	299	e(P)	13 06.80	1.3
NB2	44.24	321	P	13 05.00	-0.6
	0.5s		12.30nm	5.0mb	
VOY	44.65	299	eP	13 09.00	-0.1
MOX	45.12	306	e(P)	13 13.50	0.8
FUR	45.87	303	eP	13 19.80	1.1
WTS	47.78	309	eP	13 34.50	0.8
	0.8s		10.00nm	5.0mb	
CDF	48.39	304	eP	13 38.80	0.2
	0.8s		5.30nm	4.7mb	
WLF	48.76	306	P	13 42.70	1.4
BSF	48.86	304	eP	13 42.50	0.2
	0.8s		12.40nm	5.0mb	
HAU	49.10	304	eP	13 44.40	0.4
	0.6s		4.30nm	4.6mb	
CVF	49.12	296	eP	13 44.40	0.2
LPG	49.59	301	eP	13 48.80	0.6
	0.6s		3.60nm	4.5mb	
DOU	49.62	307	P	13 48.20	0.3
FRF	50.31	298	eP	13 53.40	0.1
	0.6s		3.90nm	4.5mb	
LMR	50.48	298	eP	13 54.40	-0.2
LRG	50.54	298	eP	13 55.40	0.4
LOR	50.93	304	eP	13 57.40	-0.6
	0.6s		1.80nm	4.2mb	
LBF	50.94	303	eP	13 57.60	-0.5
SMF	51.14	303	iPc	13 59.30	-0.3
	0.8s		8.00nm	4.7mb	
SSF	51.22	304	eP	13 59.90	-0.3
	0.6s		2.10nm	4.2mb	
AVF	51.41	303	iPc	14 01.50	-0.1
	0.8s		14.50nm	5.0mb	
GRC	51.42	304	iPd	14 01.80	0.1
BGF	51.82	303	eP	14 04.00	-0.7
MZF	52.10	303	iPc	14 07.00	0.1
	0.8s		6.90nm	4.6mb	
TCF	52.32	303	eP	14 08.70	0.1
	0.8s		2.90nm	4.3mb	
EKA	52.65	315	P	14 10.00	-0.9
	0.6s		4.10nm	4.5mb	
LSF	52.78	303	eP	14 11.40	-0.6
	0.6s		7.70nm	4.8mb	
CAF	52.90	301	eP	14 13.10	0.1
	0.8s		5.30nm	4.5mb	
LDF	53.01	306	eP	14 13.20	-0.5
	0.5s		7.20nm	4.9mb	
RJF	53.13	302	eP	14 14.90	0.3
	0.7s		4.40nm	4.5mb	
FLN	53.18	307	eP	14 14.30	-0.6
GRR	53.54	306	eP	14 17.10	-0.4
	0.5s		5.60nm	4.8mb	
LPO	53.57	301	eP	14 18.00	0.2
MFF	53.73	304	eP	14 18.50	-0.4
LFF	53.78	302	eP	14 19.40	0.1
	0.6s		6.90nm	4.8mb	
LPF	53.78	306	eP	14 18.70	-0.6
MLS	54.31	300	iPc	14 22.40	-0.8
EPF	54.78	300	eP	14 25.60	-1.2
	0.6s		1.80nm	4.3mb	
BNG	61.80	251	iPc	15 14.10	-2.2
	0.6s		15.00nm	5.3mb	
YKA	78.21		5 eP	16 55.50	0.0
YKC	78.24		5 eP	16 54.00	-1.6
KIC	78.30	269	eP	16 56.90	0.1
	S.D. = 0.8		on 56 of 62 obs.		

• SEP 11, 1985 23h 08m 21.77± 0.70s
6.737 S ± 8.4km 149.977 E ± 9.2km
DEPTH = 33.0km (normal)
4.9mb (4 obs.)
NEW BRITAIN REGION (192)

LMG	2.82	220	iPd	09 05.80	0.2
LAT	2.96	271	eP	09 05.00	-2.5
RAB	3.34	41	eP	09 11.50	-1.5
	0.6s		213.33nm		
ALOA	3.56	174	eP	09 15.50	-0.6
PMG	3.86	226	eP	09 22.00	1.8
MDG	4.43	289	eP	09 28.00	-0.4
BGA	5.20	84	eP	09 47.00	7.5X
			eS	10 10.00	
WEW	7.07	296	e(P)	10 20.00	14.4X
CTA	13.75	195	eP	11 40.00	3.1X
RMQ	19.68	183	iPc	12 52.60	1.4
WRA	20.07	228	iPd	12 54.20	-1.2
BRS	20.71	173	P	13 01.00	-1.0
NOU	22.19	136	iPd	13 17.00	0.2
KNA	22.63	245	eP	13 20.70	-0.5
ASPA	22.85	221	eP	13 24.00	0.6
	0.8s		25.00nm	4.8mb	
MEK	35.85	233	eP	15 19.50	-1.1
KLB	38.94	226	eP	15 45.50	-1.0
CHTO	56.34	298	e(P)	18 03.00	0.6
PKI	71.04	302	eP	19 40.80	1.5
	0.5s		3.00nm	4.6mb	
KKN	71.21	302	eP	19 41.90	1.7
	0.6s		9.00nm	5.0mb	
DMN	71.30	302	eP	19 42.70	1.9
	0.6s		12.00nm	5.1mb	
	S.D. = 1.4		on 18 of 21 obs.		

? SEP 11, 1985 23h 22m 26.59± 1.35s
50.130 N ±21.6km 153.953 E ±24.4km
DEPTH = 39.3km (5 depth phases)
4.8mb (7 obs.)
KURIL ISLANDS (221)

MAT	17.71	226	(P)	26 32.00	0.2
COL	33.21	41	eP	29 02.00	0.7
CHTO	53.49	255	eP	31 42.80	-2.4
	0.7s		2.06nm	4.2mb	
			i	31 55.30	44km
KKN	55.78	274	eP	32 03.90	1.7
	1.0s		18.00nm	5.1mb	
PKI	55.85	273	eP	32 03.20	0.4
DMN	56.02	274	eP	32 04.80	0.9
	0.9s		30.00nm	5.3mb	
NB2	65.21	341	P	33 17.80	12.1X
	0.8s		2.60nm		
CLL	73.61	336	iP	33 56.60	-0.6
	1.3s		11.00nm	4.7mb	
			e	34 07.00	33km
PRU	74.39	334	P	34 01.50	-0.2
MOX	74.58	336	e(P)	34 03.00	0.2
KHC	75.43	334	Pd	34 07.50	-0.3
			e	34 19.20	39km
ENN	75.85	340	eP	34 09.50	-0.5
	1.0s		8.00nm	4.6mb	
			e	34 20.50	36km
SOP	75.87	332	eP	34 10.80	0.6
	1.6s		29.60nm	5.0mb	
MEM	75.98	340	P	34 10.00	-0.7
KBA	77.36	334	iP	34 18.80	0.0
	1.0s		9.20nm	4.8mb	
			i	34 31.70	44km
FLN	79.07	343	eP	34 39.80	11.9X
LDF	79.16	343	eP	34 40.20	11.8X
GRR	79.49	343	eP	34 42.50	12.3X
	0.9s		6.20nm		
LOR	79.60	340	eP	34 42.80	12.0X
LPF	79.87	343	eP	34 44.40	12.2X
AVF	80.17	340	eP	34 46.10	12.3X
SMF	80.19	340	eP	34 46.20	12.2X
LPG	80.59	337	eP	34 49.30	12.8X
MZF	80.88	340	eP	34 50.40	12.8X
	1.1s		7.90nm		
TCF	80.89	341	eP	34 50.30	12.6X
LSF	81.07	341	eP	34 51.10	12.5X
	S.D. = 1.0		on 14 of 26 obs.		

? SEP 11, 1985 23h 44m 17.47± 1.52s
6.374 S ±62.7km 149.646 E ±66.1km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
NEW BRITAIN REGION (192)

LMG	2.92	210	eP	45 01.80	-1.0
RAB	3.32	49	eP	45 08.50	0.2
PMG	3.90	219	eP	45 18.50	2.0
CTA	14.02	193	iP	47 43.00	6.9X
WRA	20.07	226	eP	48 49.70	-1.4
ASPA	22.91	220	eP	49 20.00	0.3
	0.7s		11.00nm	4.5mb	
	S.D. = 1.9		on 5 of 6 obs.		

• SEP 12, 1985 00h 00m 52.54± 1.61s
6.567 S ±14.7km 149.968 E ±23.9km
DEPTH = 33.0km (normal)
NEW BRITAIN REGION (192)

LMG	2.94	218	iPd	01 37.80	-0.4
LAT	2.95	268	eP	01 38.00	-0.1
PMG	3.97	224	eP	01 54.00	1.4
KVG	4.05	12	eP	01 54.00	0.2
WRA	20.18	227	iPd	05 26.20	-1.0
	S.D. = 1.3		on 5 of 5 obs.		

• SEP 12, 1985 00h 06m 17.03± 0.87s
6.707 S ± 9.6km 149.976 E ±18.7km
DEPTH = 33.0km (normal)
NEW BRITAIN REGION (192)

LMG	2.84	219	iPd	07 01.80	0.6
LAT	2.96	271	eP	07 08.00	5.3X
ALOA	3.59	174	eP	07 11.00	-0.7
PMG	3.87	226	eP	06 59.00	-16.8X
KVG	4.19	11	eP	07 20.00	-0.2
CTA	13.78	195	iPd	09 43.70	11.2X
	1.2s		13.28nm		
WRA	20.09	228	iPd	10 49.80	-1.0
BRS	20.74	173	iPc	10 57.70	0.1
SPA	83.34	180	e(P)	18 43.00	1.0
	S.D. = 1.0		on 6 of 9 obs.		

• SEP 12, 1985 00h 16m 01.27± 0.69s
6.738 S ± 9.5km 150.175 E ±16.7km
DEPTH = 33.0km (normal)
4.7mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	3.22	38	P	16 51.00	0.4
ALOA	3.54	177	eP	16 55.00	-0.3
KVG	4.18	9	eP	17 04.00	-0.4
CTA	13.81	196	eP	19 28.00	11.0X

12d 00h

WRA 20.21 228 lPd 20 36.10 -0.3
BRS 20.69 173 eP 20 45.00 3.7X
ASPA 22.98 221 eP 21 05.00 0.8
0.7s 18.00nm 4.7mb
KLB 39.08 227 eP 23 27.00 -0.2
KHC 124.18 327 ePKP 34 58.00 -0.3X
BNG 131.82 270 ePKPd 35 13.10 -0.8X
0.5s 3.00nm
S.D. = 0.6 on 6 of 10 obs.

? SEP 12, 1985 00h 16m 34.63±13.13s
24.135 N ±33.9km 122.447 E ±91.7km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC 0.72 311 lPd 16 49.00 0.2
TWD 0.78 266 eP 16 50.00 0.2
TATO 1.21 314 eP 16 57.00 -0.1
TWZ 1.24 321 iPc 16 57.50 -0.2
ANP 1.34 321 ePc 16 59.70 0.3
0.9s 470.59nm
eS 17 20.10
TWO 1.48 276 lP 17 01.00 -0.3
S.D. = 0.3 on 6 of 6 obs.

• SEP 12, 1985 00h 33m 05.90± 0.66s
36.138 N ± 9.4km 139.910 E ±10.0km
DEPTH = 63.1 ± 6.3 km
4.2mb (3 obs.)
HONSHU, JAPAN (227)

TSK 0.18 66 iPc 33 14.90 -0.8
DDR 0.60 257 lPd 33 18.30 -1.1
SRY 0.74 225 eP 33 20.50 -0.5
OYM 0.90 217 eP 33 23.80 0.8
KYS 0.96 168 lPd 33 24.00 0.2
MAT 1.43 287 lPd 33 30.90 0.7
eS 33 49.00
INK 55.73 27 eP 42 39.00 1.2
WRA 56.02 186 eP 42 39.80 -0.6
GBA 59.94 265 Pd 43 07.30 -0.7
0.6s 3.10nm 4.6mb
SUF 68.24 333 eP 44 01.00 -0.5
0.5s 1.40nm 4.2mb
NB2 74.54 337 P 44 39.40 0.1
0.5s 1.00nm 4.0mb
S.D. = 0.9 on 11 of 11 obs.

• SEP 12, 1985 01h 01m 56.77± 2.80s
30.864 S ±15.8km 71.572 W ±24.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

JACH 2.00 156 lP 02 28.00 -0.9
RTCB 2.46 165 ePd 02 35.80 0.3
ZON 2.57 166 eP 02 38.00 0.9
BACH 2.65 160 eP 02 36.50 -1.6
BACH 2.65 160 lP 02 38.80 0.7
lS 03 14.80
RTLL 2.70 101 ePd 02 38.60 -0.3
(S) 03 17.00
MDZ 3.07 132 e(P) 03 23.30 39.2X
LNV 3.09 178 eP 02 45.50 1.2
i 03 27.80
VCA 3.61 55 ePd 02 51.60 -0.3
S 03 37.90
S.D. = 1.2 on 8 of 9 obs.

? SEP 12, 1985 02h 07m 28.22± 0.61s
21.453 S ±20.0km 178.763 W ±26.3km
DEPTH = 550.0km (geophysicist)
4.2mb (5 obs.)
FIJI ISLANDS REGION (181)

KRP 17.14 195 P 10 58.00 0.0
JAS1 80.56 43 eP 18 45.30 0.8
GLA 81.58 50 eP 18 50.80 0.9
BMN 84.03 42 eP 19 02.30 0.2
EUR 84.30 44 eP 19 01.80 -1.8
PNT 87.84 34 eP 19 20.00 0.0
0.8s 10.00nm 4.7mb
LTX 88.17 58 eP 19 23.10 1.0
0.7s 2.58nm 4.2mb
ALQ 88.55 52 eP 19 23.00 -0.8
1.0s 4.00nm 4.3mb
CHTO 89.90 290 lPc 19 30.30 0.3
0.5s 1.53nm 4.2mb

BDW 90.14 43 eP 19 30.70 -0.3
0.9s 2.22nm 4.1mb
EKA 146.01 4 PKPc 26 05.30 -0.2
0.9s 5.70nm
CLL 148.81 346 lPKP 26 13.00 2.9X
BRG 148.99 344 ePKP 26 13.70 3.3X
0.8s 10.00nm
WTS 149.21 353 ePKPd 26 14.00 3.4X
0.9s 10.00nm
PRU 149.64 343 PKP 26 15.20 3.8X
ENN 150.51 354 ePKP 26 17.00 4.3X
0.8s 9.00nm
MEM 150.66 354 PKP 26 17.20 4.3X
KHC 150.68 343 ePKP 26 17.50 4.4X
WLF 151.58 353 PKP 26 20.20 6.0X
S.D. = 0.9 on 11 of 19 obs.

• SEP 12, 1985 02h 50m 30.57± 2.83s
31.648 S ±12.0km 68.095 W ±22.3km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.13 288 lPd 50 33.50 -0.2
S 50 37.60
RTLL 0.45 315 ePd 50 39.90 0.1
S 50 48.80
RTMQ 0.51 286 ePc 50 41.00 0.1
S 50 51.00
ZON 0.51 281 eP 50 41.00 0.1
RTCB 0.62 285 e(P) 50 43.00 -0.2
S 50 53.20
MDZ 1.39 207 e(P) 50 56.10 0.1
S.D. = 0.2 on 6 of 6 obs.

? SEP 12, 1985 04h 52m 14.50± 5.88s
31.758 S ±16.6km 71.227 W ±48.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

RTCB 2.09 83 ePc 52 48.00 0.0
S 53 14.00
ZON 2.18 85 eP 52 50.00 0.7
eS 53 17.00
MDZ 2.30 120 lP 52 51.00 0.0
lS 53 17.30
RTLL 2.39 80 e(P) 52 52.00 -0.3
CFA 2.55 87 ePd 52 54.00 -0.5
S 53 23.30
VCA 3.99 42 ePc 53 15.00 0.0
S 54 29.50
S.D. = 0.5 on 6 of 6 obs.

? SEP 12, 1985 04h 55m 55.57± 1.58s
31.559 S ± 9.4km 68.901 W ±36.7km
DEPTH = 110.2 ± 15.5 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 0.11 50 lPd 56 10.90 -0.5
S 56 21.80
ZON 0.19 86 lPd 56 11.70 0.2
eS 56 24.00
RTMQ 0.21 75 iPd 56 11.10 -0.5
S 56 22.80
RTLL 0.43 58 lPd 56 12.20 -0.1
CFA 0.57 95 ePc 56 13.50 0.3
S 56 27.10
MDZ 1.32 178 lP 56 22.00 1.3
lS 56 41.80
VCA 2.87 12 ePd 56 41.00 0.2
S 57 16.00
RFA 3.22 174 ePc 56 44.40 -1.0
S.D. = 0.9 on 8 of 8 obs.

• SEP 12, 1985 05h 00m 01.57± 1.10s
37.933 N ±13.8km 72.225 E ±11.9km
DEPTH = 33.0km (normal)
4.5mb (4 obs.)
TAJIK SSR (715)

QUE 8.88 211 eP 02 10.20 -0.5
eS 03 41.00
NDI 10.12 154 eP 02 29.00 1.3
iS 04 10.50
KKN 14.91 129 eP 03 31.00 -0.8
0.5s 21.00nm 4.7mb
DMN 14.93 130 eP 03 32.30 0.1
0.5s 11.00nm 4.4mb

PKI 15.14 129 eP 03 34.70 -0.3
0.5s 14.00nm 4.5mb
NB2 43.84 322 P 08 06.20 0.2
0.7s 1.10nm 3.8mb
S.D. = 1.0 on 6 of 6 obs.

% SEP 12, 1985 05h 03m 23.70± 0.77s
38.770 N ± 6.4km 27.513 E ±12.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.42 208 lPg 03 32.50 0.2
lSg 03 40.00
EZN 1.40 319 ePn 03 50.00 0.3
EDC 1.60 10 lPn 03 51.10 -1.0
BNT 1.62 11 lPn 03 51.60 -0.7
KGT 1.69 355 ePn 03 52.80 -0.5
YER 1.74 159 ePn 03 53.70 -0.5
YLV 2.30 38 ePn 04 04.00 1.7
S.D. = 1.2 on 7 of 7 obs.

• SEP 12, 1985 05h 46m 10.49± 1.03s
43.338 N ± 7.7km 21.140 E ±15.6km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

SKO 1.38 171 ePn 46 35.20 -0.6
BEO 1.56 342 lPn 46 38.50 0.2
lSg 47 00.20
VTS 1.68 115 eP 46 40.00 0.9
lS 47 03.00
lSg 47 06.00
CLO 2.11 34 eP 46 46.00 -0.2
OHR 2.24 187 ePn 46 52.00 3.8X
VAY 2.28 152 ePn 46 49.40 0.7
MMB 2.59 132 eP 47 02.00 8.8X
lS 47 36.00
KDZ 3.55 117 eP 48 01.00 54.3X
S.D. = 0.7 on 5 of 8 obs.

? SEP 12, 1985 05h 56m 44.23± 1.14s
35.410 N ±17.3km 72.947 E ±11.7km
DEPTH = 33.0km (normal)
4.2mb (3 obs.)
PAKISTAN (710)

QUE 7.25 226 eP 58 31.00 0.2
eS 58 45.90
NDI 7.62 150 eP 58 38.00 2.2
lS 59 54.50
DMN 12.96 124 eP 59 48.50 -0.4
0.6s 52.00nm 5.8mb X
KKN 12.96 122 eP 59 48.10 -0.8
PKI 13.19 123 eP 59 50.90 -1.1
GBA 22.09 168 P 01 38.00 -0.2
S 06 38.00
N82 46.20 324 P 05 08.80 1.3
0.6s 0.90nm 3.9mb
BNG 58.77 251 lPd 06 39.40 -2.3
0.6s 7.00nm 5.0mb
id 07 07.90
WRA 80.08 123 Pd 08 53.50 1.1
0.9s 2.10nm 4.1mb
S.D. = 1.6 on 9 of 9 obs.

? SEP 12, 1985 07h 18m 34.69± 0.94s
33.492 N ±20.4km 137.697 E ±17.5km
DEPTH = 313.9 ± 12.9 km
4.2mb (4 obs.)
NEAR S. COAST OF HONSHU, JAPAN (230)

OYM 2.31 33 eP 19 26.00 0.4
SRY 2.48 31 eP 19 28.00 1.0
KYS 2.65 49 eP 19 27.10 -1.4
DDR 2.79 26 eP 19 31.20 1.4
e 20 15.90
MAT 3.07 8 eP 19 36.00 3.5X
eS 20 23.00
TSK 3.36 36 eP 19 33.80 -1.6
PKI 45.04 277 eP 26 21.50 -0.5
0.6s 14.00nm 4.4mb
KKN 45.07 277 eP 26 21.86 -0.3
0.8s 28.00nm 4.6mb
DMN 45.28 277 eP 26 23.80 0.0
WRA 53.23 184 Pc 27 24.00 0.4
0.6s 0.80nm 3.3mb
COL 53.70 31 lP 27 27.00 0.4

GBA 57.90 265 P 27 57.00 0.2
0.7s 3.60nm 4.0mb
S.D. = 1.1 on 11 of 12 obs.

• SEP 12, 1985 07h 37m 26.39± 2.25s
36.824 N ±15.1km 71.391 E ± 9.1km
DEPTH = 124.4 ± 27.6 km
4.3mb (10 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE 7.58 211 eP 39 16.40 0.6
eS 40 37.00
NDI 9.48 147 eP 39 40.00 -1.2
eS 41 19.00
KKN 14.79 124 eP 40 50.80 0.2
0.5s 14.00nm 4.5mb
DMN 14.79 124 eP 40 50.70 0.0
0.4s 10.00nm 4.4mb
PKI 15.02 124 eP 40 53.80 0.2
0.5s 8.00nm 4.3mb
GBA 23.75 165 P 42 29.00 0.8
0.5s 0.90nm 3.5mb
NUR 37.75 324 iP 44 32.50 1.2
SUF 37.82 328 iP 44 32.90 1.1
NB2 44.31 323 P 45 24.80 -0.4
0.4s 2.50nm 4.3mb
BSF 47.71 305 eP 45 51.80 -0.4
0.6s 5.00nm 4.5mb
SMF 49.94 304 eP 46 08.80 -0.4
0.6s 3.00nm 4.3mb
AVF 50.22 304 eP 46 10.80 -0.5
0.6s 2.80nm 4.3mb
TCF 51.12 304 eP 46 18.00 -0.2
0.5s 0.60nm 3.7mb
LSF 51.58 304 eP 46 20.70 -1.0
0.5s 1.30nm 4.1mb
S.D. = 0.8 on 14 of 14 obs.

SEP 12, 1985 09h 04m 21.58± 1.06s
23.052 N ± 7.9km 120.875 E ± 8.0km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWG 0.29 142 iPc 04 27.80 0.1
eS 04 32.50
TWK 0.42 301 iPd 04 29.60 -0.5
TWF1 0.49 52 iPc 04 30.50 -1.0
eS 04 38.00
TWQ 1.22 358 iPd 04 44.60 0.3
TWD 1.22 30 iPc 04 44.00 -0.2
TWC 1.79 30 iPd 04 54.00 1.3
TATO 2.00 16 eP 04 59.50 3.8X
eS 05 28.00
S.D. = 1.0 on 6 of 7 obs.

• SEP 12, 1985 09h 25m 03.45± 0.64s
50.405 S ± 9.0km 131.025 E ±13.1km
DEPTH = 10.0km (geophysicist)
4.4mb (3 obs.) 4.6Msz (1 obs.)
SOUTH OF AUSTRALIA (437)

TAU 13.45 62 eP 28 18.00 1.3
TOO 16.48 44 eP 29 00.00 3.8X
DRV 16.94 168 eP 29 02.50 0.9
WAM 19.18 49 eP 29 43.40 13.7X
CAN 19.94 48 eP 29 38.40 0.1
YOU 20.52 45 eP 29 32.40 -11.9X
KLB 21.23 327 eP 29 51.50 -0.1
MRWA 24.02 326 eP 30 21.00 1.9
0.7s 6.00nm 4.3mb
ASPA 26.78 6 eP 30 44.00 -1.3
0.9s 21.00nm 4.8mb
WRA 30.51 6 Pc 31 18.50 -0.3
1.0s 5.20nm 4.3mb
SBA 30.57 166 e(P) 31 17.60 -1.2
Z 18s 1.31um 4.6Msz
CTA 32.57 27 eP 31 36.00 -1.0
SPA 39.78 180 e(P) 32 46.00 8.0X
ALQ 136.12 88 e(PKP)44 26.00 -0.4
TUL 143.53 95 ePKP 44 49.50 10.0X
1.1s 11.90nm
RLO 144.18 95 ePKP 44 50.20 9.6X
HFS 144.32 310 ePKP 44 39.10 -1.0
0.7s 1.60nm
NB2 145.70 311 PKP 44 43.60 1.1
0.7s 1.20nm
FFC 148.14 61 ePKP 44 57.00 10.5X
0.8s 5.00nm
S.D. = 1.2 on 12 of 19 obs.

? SEP 12, 1985 10h 15m 36.29± 8.35s
61.662 N ±46.9km 2.274 E ±50.3km
DEPTH = 10.0km (geophysicist)
NORWEGIAN SEA (642)
DUR 2.5 (BER).

SUE 1.34 116 iPg 16 01.40 0.4
iSg 16 10.80
ASK 1.85 129 iPg 16 08.20 0.0
eSg 16 22.80
HYA 1.95 103 ePg 16 09.60 -0.1
eSg 16 25.30
ODD 2.75 127 iPn 16 21.00 -0.3
iSn 16 45.20
KMY 2.87 148 iPn 16 22.90 0.1
iSn 16 47.50
S.D. = 0.4 on 5 of 5 obs.

SEP 12, 1985 11h 04m 01.68± 0.65s
26.077 S ± 6.7km 27.951 E ± 9.4km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

SLR 0.45 41 iPd 04 11.60 0.8
S 04 18.00
PRY 0.95 207 iPc 04 20.50 0.2
S 04 32.60
BFS 1.33 232 iPc 04 26.50 -0.3
S 04 41.70
SEK 2.26 187 iPc 04 41.00 0.6
S 05 07.00
JOZ 3.93 111 eP 05 03.30 -0.8
BUL 5.94 6 ePn 05 33.00 0.4
eSn 06 37.50
eSg 07 09.50
KRI 9.33 10 ePn 06 19.00 -1.0
eSg 08 54.00
S.D. = 0.9 on 7 of 7 obs.

SEP 12, 1985 12h 53m 02.88± 0.84s
45.366 S ± 7.1km 167.345 E ± 8.2km
DEPTH = 85.7 ± 9.8 km
4.9mb (4 obs.)
SOUTH ISLAND, NEW ZEALAND (162)

MSZ 0.80 30 P 53 20.60 0.3
OBZ 1.63 161 P 53 29.40 -1.1
S 53 49.80
TMP 2.24 63 iPd 53 40.70 2.0
KKZ 4.95 69 P 54 23.00 6.8X
S 55 24.00
RTY 5.35 50 P 54 24.00 2.2
S 55 22.00
TCW 6.54 53 eP 54 37.00 -1.3
WEL 6.78 56 P 54 40.50 -1.0
S 55 54.00
KRP 9.63 42 P 55 20.00 -0.6
S 57 03.00
GNZ 10.40 54 eP 55 30.00 -0.9
S 57 19.00
CRZ 11.66 22 P 55 46.20 -1.6
S 57 54.00
TAU 14.59 273 iPc 56 20.50 -5.5X
eS 58 47.00
WAM 16.69 297 eP 57 11.20 18.6X
eS 00 24.90
eTT 12 26.20
CAN 17.18 299 eP 56 58.60 -0.1
eS 59 54.40
TOO 18.10 288 eP 57 10.00 0.0
YOU 18.25 301 eP 56 51.10 -20.8X
eS 59 41.40
eTT 11 43.30
BRS 21.37 322 iPc 57 46.00 1.1
eTT 16 30.00
NOU 23.01 358 iPc 58 04.40 3.5X
RMQ 24.01 315 eP 58 11.00 0.4
KOU 24.87 353 iPd 58 20.00 1.2
CTA 30.64 318 iPd 59 11.00 -0.1
0.8s 20.90nm 4.9mb
SBA 32.60 180 iPc 59 29.00 1.4
1.0s 22.00nm 4.9mb
ASPA 34.67 297 eP 59 44.00 -2.1
1.1s 259.00nm 6.1mb X
e(PcP)02 17.00
WRA 37.19 302 eP 00 05.70 -1.6
e 02 24.50
PMG 39.82 328 eP 00 31.00 1.8
SPA 44.83 180 iPc 01 11.00 1.2
0.9s 30.91nm 5.1mb
WEW 46.54 326 eP 01 23.00 -0.5
MAW 54.02 207 eP 02 19.00 -0.8
SNA 64.39 184 eP 03 31.00 -0.3
CHG 88.94 298 eP 05 50.00 1.0
CHTO 88.94 298 eP 05 50.00 1.0
0.8s 6.41nm 4.9mb
epP 06 08.50 66kmX
INK 121.60 22 ePKP 11 46.00 -0.6
pP 12 13.00
SCH 144.83 55 ePKP 12 29.00 -1.4
DAG 148.39 3 iPKPd 12 38.00 2.4X
0.4s 11.02nm
KEV 148.63 335 iPKP 12 40.20 4.1X
0.7s 22.70nm
SOD 149.90 331 iPKP 12 42.70 4.6X
KJF 150.78 325 iPKP 12 45.30 5.8X
0.9s 55.80nm
SUF 151.96 322 iPKP 12 48.00 6.7X
0.6s 29.70nm
MLR 153.08 284 iPKPc 12 51.50 7.9X
NUR 153.35 318 iPKP 12 51.50 8.2X
0.6s 18.30nm
i 13 03.60
S.D. = 1.3 on 27 of 39 obs.

% SEP 12, 1985 13h 15m 23.41± 0.87s
46.653 N ± 6.4km 8.678 E ±11.8km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)

LLS 0.31 45 eP 15 29.20 -0.7
TMA 0.56 166 eP 15 35.80 0.8
MMK 0.78 220 iPd 15 37.90 -0.9
ZUL 0.85 347 eP 15 40.80 0.9
SLE 1.12 354 iPd 15 44.20 -0.2
S.D. = 1.2 on 5 of 5 obs.

? SEP 12, 1985 13h 52m 17.17± 4.76s
61.359 N ±40.3km 5.728 E ± 9.6km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.1 (BER).

HYA 0.29 131 iPg 52 23.00 -0.3
eSg 52 27.20
SUE 0.56 238 iPg 52 28.40 -0.1
eSg 52 35.00
ASK 0.92 197 iPn 52 34.50 -0.2
iPg 52 36.00
iSn 52 47.90
iSg 52 50.90
ODD 1.49 161 ePn 52 44.50 0.5
iSn 53 04.60
S.D. = 0.6 on 4 of 4 obs.

& SEP 12, 1985 15h 17m 05.92s
62.566 N 151.341 W
DEPTH = 88.8km
CENTRAL ALASKA (1)
<AGS-P>.

SKT 0.59 189 iP 17 20.85 -0.7
SUA 1.14 165 eP 17 27.26 -0.4
GHO 1.39 124 iP 17 29.76 -0.9
SPU 1.43 194 iP 17 30.37 -0.8
PMS 1.57 147 eP 17 32.96 0.0
iS 17 52.75
SML 1.60 117 eP 17 32.03 -1.4
KNK 1.79 129 eP 17 34.76 -1.0
iS 17 58.39
RDT 2.06 195 eP 17 39.56 0.0
SLKM 2.13 165 eP 17 40.27 -0.2
PWL 2.23 139 iP 17 39.52 -2.3
MPA 2.29 155 eP 17 43.95 1.4
GLI 2.64 128 eP 17 45.28 -2.0
VZW 2.73 122 eP 17 47.88 -0.7
KLU 2.77 110 eP 17 46.69 -2.5
BRLK 2.82 175 eP 17 51.33 1.5
FID 2.95 126 eP 17 49.18 -2.4
16 obs. associated

12d 15h

* SEP 12, 1985 15h 18m 57.56± 0.95s
33.612 S ± 8.6km 72.523 W ± 9.1km
DEPTH = 33.0km (normal)
4.4mb (5 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.99	111	iPc	19 14.40	-0.7
TACH	1.32	92	iPd	19 19.00	-0.9
ROCH	1.42	64	iPc	19 21.00	-0.5
SAN	1.56	85	ePc	19 23.40	0.0
			iS	19 44.00	
CHCH	1.59	102	iPd	19 23.70	-0.1
PCH	1.68	91	iPd	19 24.60	-0.5
BACH	1.72	82	iPc	19 25.90	0.2
JACH	1.87	61	iPd	19 27.70	-0.2
FCH	1.89	82	iPc	19 28.20	-0.2
MDZ	3.16	78	eP	19 51.80	5.6X
RFA	3.56	110	ePd	19 53.40	1.6
			S	20 52.30	
RTCB	3.79	57	ePc	19 56.10	0.9
			S	20 56.80	
RTLL	4.11	57	ePd	20 01.00	1.3
CFA	4.13	62	ePd	20 02.00	2.0
			S	21 05.20	
VCA	6.11	38	ePd	20 27.00	-1.0
			S	21 56.50	
CYA	7.74	50	e(P)	20 46.20	-4.5X
			S	22 25.50	
VBA	9.64	120	e(P)	21 15.60	-1.5
SLA	10.77	37	ePc	21 27.00	-5.7X
YJA	12.97	30	ePd	22 04.80	2.1
TPZ	13.52	28	Pd	22 20.70	10.9X
CNCB	17.22	15	eP	22 59.00	1.2
LPB	17.47	14	Pc	23 01.00	0.3
Z	17s		2.38um		
			S	26 43.00	
			LR	29 10.00	
ZOBO	17.72	14	P	23 03.70	-0.3
Z	18s		2.96um		
			LR	29 10.00	
VAO	24.80	71	eP	24 23.50	5.5X
BAO	28.48	57	e(P)	24 49.50	-2.5
SOB1	37.90	57	eP	26 12.40	-1.1
ITR	39.96	60	eP	26 29.30	-1.5
SPA	56.57	180	eP	28 41.90	2.7
	1.0s		8.50nm	4.7mb	
JCT	68.76	335	eP	29 58.00	-2.3
	1.2s		19.53nm	5.1mb	
LTX	69.20	331	eP	30 02.50	-0.6
	1.0s		3.20nm	4.3mb	
ALQ	75.25	332	e(P)	30 33.00	-6.0X
EUR	83.11	328	iP	31 25.00	3.5X
	0.5s		1.06nm	4.2mb	
BDW	83.25	333	eP	31 25.30	3.2X
	1.0s		2.40nm	4.3mb	
TZZ	129.85	226	ePKP	37 57.00	-9.0X
QUE	145.58	84	ePKP	38 36.50	2.1X
GBA	146.22	119	PKP	38 37.00	1.4
PSI	148.22	164	ePKPd	38 44.40	5.5X
S.D. = 1.4 on 26 of 37 obs.					

? SEP 12, 1985 15h 46m 47.59± 5.65s
18.400 S ±36.2km 179.787 W ±54.2km
DEPTH = 33.0km (normal)
3.6mb (1 obs.)
FIJI ISLANDS REGION (181)

SVA	1.69	279	iP	47 14.40	-0.8
			S	47 38.30	
SGE	2.32	290	iPd	47 25.90	1.5
NDF	2.71	283	eP	47 29.60	-0.1
			eS	48 08.70	
YSA	3.03	304	iP	47 33.80	-0.6
KRP	19.88	191	P	51 23.90	4.9X
CTA	32.08	261	eP	53 14.00	0.1
WRA	43.25	260	Pc	54 52.70	4.8X
	0.8s		0.90nm	3.6mb	
S.D. = 1.3 on 5 of 7 obs.					

? SEP 12, 1985 16h 34m 51.52± 1.61s
31.336 S ±10.5km 68.712 W ±28.2km
DEPTH = 87.6 ± 17.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.17	207	iPd	35 04.80	0.1
			S	35 15.20	
RTMO	0.17	167	iPd	35 04.30	-0.3
RTLL	0.21	88	iPd	35 05.00	0.2
CFA	0.49	124	iPd	35 06.10	-0.1
			S	35 18.00	
MDZ	1.55	184	iP	35 18.30	0.0
			iS	35 40.60	
VCA	2.62	10	ePd	35 32.80	0.0
			S	36 06.80	
S.D. = 0.3 on 6 of 6 obs.					

? SEP 12, 1985 17h 07m 22.80± 1.81s
28.102 N ±13.4km 140.391 E ±27.3km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
BONIN ISLANDS REGION (212)

MAT	8.61	348	(P)	09 29.00	0.8
TIA	21.26	298	P	12 08.50	0.1
WHN	22.82	282	eP	12 25.60	1.7
TIY	25.27	299	eP	12 47.20	-0.5
XAN	27.53	290	eP	13 07.00	-1.5
GTA	35.30	299	eP	14 15.30	-1.6
CHTO	38.97	265	eP	14 48.00	0.2
	0.8s		2.20nm	4.0mb	
PSI	46.91	245	ePc	15 53.50	1.3
WRA	48.12	188	eP	16 01.20	-0.4
S.D. = 1.3 on 9 of 9 obs.					

* SEP 12, 1985 17h 16m 48.00± 0.98s
38.437 N ±10.4km 21.865 E ± 9.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.1 (ATH).

VLS	1.04	256	ePg	17 07.50	-0.1
ATH	1.53	107	ePg	17 15.50	0.1
			eSb	17 36.00	
KZN	1.87	358	ePb	17 23.60	3.2X
			eSg	17 53.00	
OHR	2.79	343	iPn	17 36.80	3.2X
VAY	2.93	10	ePn	17 36.00	0.5
MMB	3.46	24	iPd	17 42.00	-1.0
SKO	3.55	355	ePn	17 50.50	6.3X
KDZ	4.17	39	eP	18 48.00	54.9X
VTS	4.28	13	eP	17 55.00	0.4
S.D. = 0.8 on 5 of 9 obs.					

* SEP 12, 1985 18h 24m 12.09± 0.91s
35.480 N ±10.3km 139.843 E ± 8.9km
DEPTH = 33.0km (normal)
NEAR S. COAST OF HONSHU, JAPAN (230)

KYS	0.38	138	eP	24 20.80	-0.1
SRY	0.48	286	iPd	24 23.20	0.8
OYM	0.49	263	iPd	24 22.60	-0.1
DDR	0.74	315	iPd	24 26.70	0.6
TSK	0.76	16	iPd	24 26.60	0.2
MAT	1.70	309	iPc	24 38.40	-1.4
			iS	25 03.30	
S.D. = 1.0 on 6 of 6 obs.					

* SEP 12, 1985 19h 08m 02.87± 0.94s
38.211 N ± 8.6km 23.727 E ±10.3km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 2.8 (ATH).

ATH	0.24	182	ePg	08 07.50	-0.5
			eSg	08 13.00	
PRK	2.24	62	ePg	08 41.00	0.4
VLS	2.47	270	ePb	08 44.80	1.0
			eSg	09 22.00	
KZN	2.59	325	ePb	08 44.20	-1.3
VAY	3.23	344	ePn	08 50.50	-4.1X
OHR	3.67	323	ePn	09 01.30	0.3
S.D. = 1.3 on 5 of 6 obs.					

SEP 12, 1985 19h 50m 01.02± 0.38s
46.342 N ± 4.1km 1.760 E ± 3.2km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 3.2 (LDG).

LSF	0.18	240	Pg	50 06.10	0.9
TCF	0.32	100	Pg	50 08.50	0.9
MZF	0.59	102	Pg	50 12.90	0.0
			Sg	50 20.10	
BGF	0.78	74	Pg	50 16.50	0.3
			Sg	50 26.30	
PYM	1.05	124	ePgd	50 21.00	0.7
			iSg	50 35.50	
RJF	1.05	189	Pg	50 21.20	0.3
			Sg	50 35.00	
RJF	1.05	189	Pn	50 21.60	0.7X
HYF	1.11	33	Pn	50 22.30	0.5
			Sg	50 37.00	
AVF	1.19	67	Pn	50 23.30	0.2
			Pg	50 23.80	
			Sg	50 38.00	
MFF	1.34	282	Pn	50 26.70	1.0
			Sn	50 43.30	
PLDF	1.35	105	ePn	50 25.50	-0.3
			iPgd	50 26.80	
			iSg	50 44.50	
SSF	1.40	58	Pn	50 26.30	-0.3
			Pg	50 27.60	
			Sg	50 44.80	
CAF	1.43	171	Pn	50 26.30	-0.8
			Pg	50 28.10	
			Sg	50 46.40	
SMF	1.47	77	Pn	50 27.70	0.1
			Pg	50 29.00	
			Sg	50 47.60	
LFF	1.58	207	Pn	50 28.50	-0.6
			Pg	50 31.20	
			Sg	50 51.40	
LBF	1.66	66	Pn	50 29.70	-0.6
			Pg	50 32.10	
			Sg	50 53.00	
LPO	1.71	194	Pg	50 33.30	2.3X
			Sn	50 52.20	
			Sg	50 56.20	
LOR	1.71	57	Pn	50 30.40	-0.7
			Pg	50 32.90	
			Sg	50 54.60	
LPF	2.55	313	Pn	50 42.10	-1.0
			Pg	50 49.30	
			Sg	51 22.50	
LDF	2.59	331	Pg	50 50.80	7.2X
			Sg	51 24.40	
GRR	2.71	320	Pg	50 52.10	6.7X
			Sg	51 26.40	
FLN	2.86	329	Pg	50 55.30	7.8X
			Sg	51 30.90	
MLS	3.42	188	eP	51 31.10	35.7X
			eS	51 52.00	
EPF	3.46	198	Pn	50 55.30	-0.8
			Sn	51 30.60	
			Sg	51 52.60	
DOU	4.21	26	eP	51 16.80	10.2X
			e	52 14.00	
S.D. = 0.7 on 18 of 25 obs.					

* SEP 12, 1985 19h 53m 03.46± 1.22s
22.300 S ±10.9km 171.452 E ± 9.7km
DEPTH = 134.9 ± 13.2 km
4.9mb (3 obs.)
LOYALTY ISLANDS REGION (189)

NOU	4.63	269	iPc	54 11.00	-1.6
			iS	55 05.00	
KOU	6.90	283	iPc	54 42.90	-0.5
			iS	55 59.30	
YSA	8.03	47	eP	54 59.10	0.5
CRZ	12.14	175	P	55 54.00	1.1
KRP	15.97	168	P	56 42.00	0.3
BRS	17.69	250	eP	57 05.00	2.1
TCW	19.01	173	(P)	57 15.50	-1.7
COO	19.34	241	eP	57 23.00	2.2
RMQ	21.08	254	eP	57 41.00	2.5X
CTA	23.59	271	iPd	58 06.00	3.0X
CTAO	23.59	271	eP	58 06.00	3.0X
			epP	58 36.00	149kmX
ASPA	34.53	260	eP	59 40.00	-0.9
	0.6s		29.00nm	5.2mb	
WRA	34.64	267	eP	59 40.30	-1.6
M8L	47.77	261	eP	01 29.00	0.0
	0.5s		11.00nm	4.9mb	
KLB	48.35	247	eP	01 33.00	-0.3
NWAO	48.74	245	eP	01 36.00	-0.3
MUN	49.65	246	eP	01 44.00	0.7
SBA	55.65	181	eP	02 26.30	-0.8
	1.0s		9.00nm	4.7mb	
			e	12 56.70	
SPA	67.84	180	e(P)	03 48.00	-0.9

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CHTO    81.79 294 eP     05 11.30    2.4
        0.8s      1.28nm          3.7mb X
KHC    147.99 332 ePKP   12 30.20   -0.7
BNG    148.32 240 IPKPc  12 36.00    3.5X
        1.2s     21.00nm
                   Ic    12 37.50
                   Id    12 40.20
      S.D. = 1.4   on  18 of  22 obs.

*  SEP  12, 1985  20h 05m 55.72± 0.94s
   39.569 N ±11.9km   75.644 E ±12.1km
   DEPTH =  10.0km  (geophysicist)
   4.6mb (  4 obs.)
 SOUTHERN XINJIANG, CHINA          (321)

NDI     10.94 173 eP     08 36.50    1.2
                  eS     10 29.00
QUE     11.76 220 eP     08 46.00   -0.7
                  e(S)   10 45.00
KKN     14.21 143 eP     09 18.40   -1.0
        0.5s     14.00nm          4.9mb
DMN     14.29 144 eP     09 20.90    0.5
        0.5s      7.00nm          4.6mb
PKI     14.46 143 eP     09 22.10   -0.6
        0.5s      8.00nm          4.6mb
HYB     22.22 173 eP     10 54.00    0.0
GBA     25.91 176 P      11 30.00    0.4
NB2     44.22 321 P      14 06.80    0.3
        0.8s      2.10nm          4.0mb
KIC     78.57 269 eP     17 59.10   -0.2
WRA     80.64 125 P      18 32.00   21.7X
        0.7s      1.40nm
      S.D. = 0.8   on   9 of  10 obs.

*  SEP  12, 1985  20h 28m 44.50± 0.75s
   28.170 N ± 8.7km  140.626 E ±10.9km
   DEPTH =  33.0km  (normal)
   4.4mb (  3 obs.)
 BONIN ISLANDS REGION              (212)

MAT      8.59 347 eP     30 51.00    1.4
                  eS     32 34.00
SHK      9.29 315 eP     30 56.60   -2.6
GUA     15.10 164 e(P)   32 14.90   -2.2
SSE     17.15 284 Pc     32 45.00    1.8
MDJ     18.63 335 eP     32 58.00   -3.4X
DL2     19.08 305 P      33 06.00   -0.9
NJ2     19.22 287 Pd     33 09.00    0.4
SNY     19.46 319 Pd     33 08.00   -3.3X
CN2     19.80 326 eP     33 09.00   -5.9X
OZH     19.97 266 Pc     33 18.00    1.2
                  S      37 06.00
TIA     21.41 298 eP     33 29.90   -1.7
                  S      37 29.00
BAG     21.89 242 eP     33 36.00   -0.8
                  eS     37 40.00
OCP     22.59 237 eP     33 40.00   -3.5X
WHN     23.01 282 eP     33 48.00    0.5
BJI     23.37 307 eP     33 49.50   -1.4
HKC     24.61 262 eP     34 06.00    3.0X
                  eS     38 35.00
GZH     25.09 265 P      34 09.00    1.4
DAV     25.35 217 eP     34 11.00    0.8
                  eS     38 40.00
TIY     25.42 299 eP     34 11.00    0.2
HHC     26.95 306 eP     34 24.00   -0.9
XAN     27.70 290 eP     34 30.00   -1.7
                  eS     39 16.50
BTO     27.99 304 iPc    34 34.00   -0.4
                  ePP    35 27.00
QIZ     29.57 259 Pc     34 52.00    3.4X
                  S      39 45.00
GYA     30.17 275 Pc     34 56.00    1.9
                  PP     36 00.00
LZH     31.99 294 eP     35 09.00   -1.0
                  PP     36 19.00
CD2     32.10 284 P      35 09.10   -1.8
KMI     33.91 274 Pc     35 28.00    1.1
                  PP     36 44.00
                  eS     40 54.00
GTA     35.45 299 eP     35 34.80   -5.1X
                  I      37 01.60
                  S      41 07.00
CHTO    39.18 266 eP     36 10.80   -0.5
        1.0s      3.25nm          4.0mb
LSA     43.06 284 eP     36 44.50    0.9
WMQ     44.83 305 eP     36 54.00   -3.3X

WRA     48.22 188 eP     37 24.10    0.1
KSH     53.85 300 eP     38 08.00    1.4
NDI     55.15 287 eP     38 15.50   -0.7
                  eS     46 02.00
COL     57.06  29 eP     38 31.00    1.6
        0.9s      6.30nm          4.6mb
HYB     57.69 274 eP     38 36.00    1.4
GBA     60.20 270 P      38 56.00    4.1X
        1.0s      4.00nm          4.5mb
BOM     62.17 278 eP     39 07.00    1.8
                  eS     47 32.00
INK     62.63  25 eP     39 08.00    0.4
QUE     63.27 292 eP     39 11.00   -1.5
                  e(S)   47 52.00
DAG     74.53 355 eP     40 21.00   -0.1
ZOBO   150.95  72 ePKP   48 36.20    5.4X
                  LR     41 56.00
      S.D. = 1.4   on  32 of  42 obs.

*  SEP  12, 1985  22h 58m 09.23± 1.65s
   34.463 N ±19.4km  138.621 E ±13.7km
   DEPTH =  33.0km  (normal)
   4.2mb (  2 obs.)
 NEAR S. COAST OF HONSHU, JAPAN    (230)
      Felt (II JMA) at Irozaki.

OYM      1.08   28 IPd    58 27.80   -0.4
SRY      1.26   25 eP     58 30.40   -0.2
KYS      1.45   59 eP     58 24.70   -8.7X
DDR      1.60   17 eP     58 35.50   -0.1
                   e      58 57.30
MAT      2.10  351 eP     58 43.00    0.2
                   iS     59 08.20
TSK      2.13   34 eP     58 43.70    0.6
SHK      4.91  272 eP     59 22.60    0.0
                   eS     00 15.00
KJF     67.82  334 eP     09 06.00    0.3
SUF     69.24  333 IP     09 14.40   -0.1
        0.5s      1.30nm          4.3mb
NB2     75.65  336 P      09 52.40   -0.1
        0.8s      2.10nm          4.2mb
      S.D. = 0.3   on   9 of  10 obs.

%  SEP  12, 1985  23h 18m 43.29± 1.09s
   38.586 N ± 8.3km   27.620 E ±13.8km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

IZM      0.34 236 IPg     18 49.50   -0.8
                  iSg     18 55.00
YER      1.54 160 ePn     19 11.40    0.5
EZN      1.60 321 ePn     19 13.30    1.7
EDC      1.77   6 ePn     19 13.40   -0.7
KGT      1.88 353 ePn     19 15.00   -0.7
YLV      2.40  34 ePn     19 27.70    4.4X
GPA      2.69  50 ePn     19 35.00    7.6X
      S.D. = 1.6   on   5 of   7 obs.

   SEP  12, 1985  23h 49m 19.06± 0.19s
   15.523 N ± 3.9km   91.689 W ± 3.9km
   DEPTH = 173.7km  ( 25 depth phases)
   4.6mb ( 30 obs.)
 MEXICO-GUATEMALA BORDER REGION  ( 62)

TPX      0.83 222 P       49 47.25    2.1
COM      0.84 330 IP      49 57.00   11.5X
                   i      50 12.00
LHG      1.18 155 P       49 47.50   -0.4
ITG      1.23 138 P       49 49.00    0.4
BVA      1.33 130 P       49 50.20    0.7
FGO      1.35 142 P       49 49.60    0.0
MMG      1.38 135 P       49 50.80    0.8
VLG      1.44 153 P       49 50.10   -0.1
GCG      1.45 130 P       49 52.00    1.4
                   S      50 28.00
TER      1.55 141 P       49 52.40    1.0
SLP      1.56 120 P       49 52.60    1.0
PSG      1.79 151 P       49 54.20    0.4
JMG      1.81 130 P       49 55.60    1.4
MRL      1.98 103 P       49 57.70    1.6
MYT      2.15 133 P       49 59.00    1.1
YUP      2.25 125 P       50 00.30    1.2
VHO      5.13 290 iP      50 32.00   -3.6X
                   i      51 12.00
PIO      6.25 279 iP      50 45.00   -5.1X
                   iS     51 45.50
IIT      7.22 300 iP      51 02.90   -0.4

IIP      7.88 300 iP      51 12.00   -0.1
III      7.97 292 iP      51 11.00   -2.1
IIM      8.09 299 iP      51 14.40   -0.4
UNM      8.09 299 iP      51 14.50   -0.4
                   iS     52 52.00
TAC      8.13 299 iP      51 16.00    0.5
IIC      8.36 301 iP      51 18.00   -0.5
JCT     16.64 335 eP      53 05.00    1.2
        1.1s     98.10nm          5.1mb
                   e      53 27.00
LTX     17.63 323 eP      53 16.20    0.7
        0.9s     45.30nm          4.8mb
BHO     18.99 352 eP      53 30.60    0.9
VVO     20.06 350 eP      53 41.50    0.9
PRM     20.31  23 eP      53 45.20    2.1
TUL     20.63 351 eP      53 47.90    1.5
        1.1s    250.00nm          5.6mb
RLO     20.77 352 eP      53 47.90    0.1
FVM     22.40   3 eP      54 05.00    1.3
        1.0s     47.00nm          4.9mb
ALQ     23.45 328 eP      54 14.80    0.7
        1.0s      9.50nm          4.3mb
                   e      54 47.00 162kmX
BLA     23.80  23 eP      54 19.40    2.1
        1.2s     39.06nm          4.8mb
                   ipP    54 53.70 174km
TDM     24.31 317 P       54 23.30    1.2
SJG     24.58  80 IPd     54 25.00    0.3
CAR     24.63  99 eP      54 24.00   -1.2
GLD     26.88 336 eP      54 46.40    0.6
        1.0s     12.00nm          4.5mb
GOL     26.90 336 eP      54 45.00   -1.0
                   pP     55 22.20 183km
GLA     27.27 314 eP      54 50.00    0.8
                   e      55 26.00 176km
PLM     28.87 312 eP      55 04.00    0.3
                   e      55 41.00 180km
SBB     30.25 314 eP      55 16.00    0.3
RSSD    30.38 342 eP      55 17.00    0.1
        0.7s      5.54nm          4.4mb
                   pP     55 53.50 176km
CLC     30.72 316 eP      55 20.00    0.2
BDW     31.19 334 eP      55 23.00   -1.1
        1.0s      2.20nm          3.8mb
                   pP     56 02.00 189kmX
ISA     31.23 315 eP      55 25.00    0.7
EUR     31.95 323 iP      55 31.50    0.8
        0.2s     32.10nm          5.7mb X
RSNY    32.38  23 iP      55 35.00    0.9
        1.0s     90.00nm          5.4mb
                   pP     56 12.20 178km
MNA     32.61 319 ePc     55 37.80    1.4
                   epP    56 14.30 173km
                   ePcP   58 18.50
OTT     32.68  21 ePc     55 37.50    0.9
        0.9s    156.00nm          5.7mb X
                   pP     56 14.00 173km
FRI     32.79 316 eP      55 37.20   -0.5
                   epP    56 14.00 175km
                   ePcP   58 18.40
LHC     32.86   3 eP      55 38.00   -0.2
                   pP     56 13.00 165km
PRI     32.99 314 eP      55 41.00    1.4
                   epP    56 17.00 170km
                   ePcP   58 19.90
BMN     33.30 323 eP      55 42.00   -0.3
                   pP     56 20.00 181km
LLA     33.42 314 eP      55 43.00   -0.3
                   epP    56 19.50 172km
                   ePcP   58 21.00
MNT     33.53  23 IPc     55 44.80    0.8
        1.0s     80.00nm          5.4mb
                   pP     56 20.00 165km
JAS1    33.77 317 eP      55 46.40    0.2
                   epP    56 23.00 172km
                   esP    56 43.80
                   ePcP   58 21.60
ARN     34.21 315 eP      55 50.00    0.0
                   pP     56 28.00 180km
MHC     34.28 315 eP      55 51.50    0.8
                   epP    56 28.00 171km
GCC     34.36 314 eP      55 51.60    0.4
RSON    35.28 358 eP      55 58.30   -0.5
        0.7s      4.67nm          4.3mb
                   pP     56 34.50 165km
ORV     35.38 318 e(P)    56 03.00    3.2X
                   epP    56 38.00 159kmX
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12d 23h

		esP	56	59.00		
		ePcP	58	26.00		
WDC	36.61	319 eP	56	08.60	-1.5	
		epP	56	45.60	169km	
		ePcP	58	29.00		
SES	38.14	340 eP	56	22.00	-0.9	
		pP	56	58.00	166km	
NEW	38.78	333 eP	56	28.00	-0.2	
		e	57	06.00	176km	
ZOBO	39.23	143 P	56	32.40	-0.4	
	0.6s	18.87nm			4.9mb	
	Z 20s	0.35um			4.2Msz	
		LR	00	05.30		
LPB	39.45	143 Pc	56	34.20	-0.3	
	0.9s	33.61nm			5.0mb	
CNCB	39.74	143 iP	56	37.80	0.8	
PNT	40.67	332 eP	56	44.00	0.3	
		pP	57	23.00	180km	
ATB	43.29	112 Pd	57	02.80	-2.6	
SCH	43.70	21 eP	57	09.00	0.7	
TPZ	44.73	145 Pc	57	18.50	1.3	
SLA	47.47	147 eP	57	37.80	-0.7	
YKC	49.58	346 eP	57	53.00	-1.0	
	0.6s	20.00nm			4.9mb	
YKA	49.62	346 eP	57	54.60	0.2	
FRB	50.77	13 eP	58	02.00	-1.0	
MDZ	52.85	156 eP	58	18.60	-0.4	
BAO	53.11	124 ePd	58	19.50	-1.7	
SOB1	55.99	113 eP	58	39.60	-2.5	
		e	59	24.50	198kmX	
VAO	58.14	130 eP	58	36.50	-20.6X	
		e	58	56.30	77kmX	
INK	59.07	343 eP	59	02.00	-0.8	
DAG	71.09	13 iPc	00	18.70	-1.0	
	0.6s	16.67nm			5.0mb	
		i	01	02.00	181km	
EKA	76.56	36 Pd	00	50.90	-0.6	
	0.8s	8.60nm			4.5mb	
GRR	79.11	43 eP	01	05.30	-0.3	
	0.6s	8.60nm			4.7mb	
FLN	79.28	42 eP	01	06.30	-0.2	
LDF	79.55	42 eP	01	07.80	-0.2	
MFF	79.94	44 eP	01	09.30	-0.8	
LFF	80.90	46 eP	01	14.50	-0.6	
	0.7s	6.30nm			4.5mb	
EPF	81.04	48 eP	01	15.30	-0.7	
LSF	81.15	45 eP	01	15.50	-0.9	
LPO	81.26	46 eP	01	16.40	-0.7	
RJF	81.35	45 eP	01	16.80	-0.7	
TCF	81.60	44 eP	01	18.00	-0.8	
CAF	81.82	46 eP	01	19.10	-0.9	
MZF	81.87	44 eP	01	19.50	-0.7	
	0.8s	2.50nm			4.0mb	
BGF	81.96	44 eP	01	19.70	-1.0	
	0.8s	7.70nm			4.5mb	
AVF	82.24	44 eP	01	21.10	-1.0	
	0.9s	5.10nm			4.3mb	
SSF	82.28	43 eP	01	21.30	-1.0	
	0.7s	4.80nm			4.4mb	
LOR	82.46	43 eP	01	22.40	-0.8	
	1.0s	6.80nm			4.4mb	
SMF	82.60	44 eP	01	23.00	-1.0	
	0.8s	3.20nm			4.1mb	
LBF	82.61	43 eP	01	23.00	-1.1	
NB2	82.67	29 P	01	24.40	0.3	
	0.9s	3.30nm			4.1mb	
MEM	82.95	40 P	01	25.60	0.0	
WLF	83.30	40 P	01	28.80	1.4	
HAU	83.88	42 eP	01	30.10	-0.4	
APO	84.09	29 eP	01	31.60	0.4	
	0.7s	7.40nm			4.6mb	
CDR	84.71	46 ePc	01	34.30	-0.4	
		e	02	18.20	177km	
LPG	84.86	44 eP	01	35.90	0.1	
KEV	84.94	18 eP	01	35.00	-0.3	
LRG	85.18	46 eP	01	36.60	-0.4	
LMR	85.32	46 eP	01	37.40	-0.3	
	0.9s	7.80nm			4.5mb	
FRF	85.35	46 eP	01	37.70	-0.2	
	0.8s	8.70nm			4.6mb	
KIC	85.40	85 eP	01	40.30	1.7	
		e	02	21.80	166km	
SOD	86.09	20 iP	01	40.40	-0.6	
SUF	88.36	24 iP	01	51.80	-0.2	
	0.5s	1.80nm			4.3mb	
NUR	88.88	26 eP	01	54.00	-0.5	
QUE	130.11	24 ePKP	08	10.00	-0.6	

WRA	136.04	257	iPKPc	08	20.70	-1.2
HYB	145.88	17	ePKP	08	37.50	-1.9
GBA	149.13	21	PKPc	08	45.30	0.7
	0.9s		11.00nm			
MUN	149.79	232	ePKP	08	45.00	-0.2
			i	08	49.30	
			e	09	32.30	
BAL	149.98	235	ePKP	08	50.00	4.5X
	S.D. = 1.0		on 117 of 123 obs.			

SEP 13, 1985 01h 15m 18.50± 0.73s
28.259 S ± 6.2km 69.658 W ±11.3km
DEPTH = 124.7 ± 12.3 km
4.2mb (1 obs.)
CHILE-ARGENTINA BORDER REGION (127)

VCA	1.37	111	iPc	15	46.00	0.7
			S	16	05.00	
RTLL	3.23	162	iPc	16	10.00	1.3
			S	16	47.20	
RTCB	3.30	167	iPc	16	11.00	1.3
			S	16	50.50	
RTMQ	3.35	165	e(P)	16	13.20	2.9X
ZON	3.38	166	eP	16	11.00	0.2
CYA	3.41	94	iPc	16	09.50	-1.6
			S	16	47.00	
CFA	3.56	160	ePc	16	14.00	0.9
			S	16	56.00	
FSA	3.90	57	e(P)	16	16.80	-0.9
MDZ	4.66	172	eP	16	30.50	2.5
			i(S)	17	08.60	
ROCH	4.84	194	eP	16	29.20	-1.4
FCH	5.08	186	iPc	16	34.70	0.7
			i(S)	17	33.50	
SLA	5.13	48	ePd	16	33.40	-1.0
BACH	5.13	188	iPc	16	34.50	0.1
			i	17	21.50	
			i	17	33.10	
PCH	5.40	188	iPc	16	38.00	0.0
TACH	5.49	191	eP	16	38.00	-1.2
CHCH	5.72	188	eP	16	42.00	-0.4
LNV	5.87	194	iP	16	42.50	-2.0
RFA	6.57	171	ePd	16	52.60	-1.5
TPZ	7.65	29	iP	17	05.20	-3.8X
CNCB	11.50	8	P	18	02.50	1.9
			(S)	21	19.00	
LPB	11.76	7	eP	18	03.00	-0.8
ZOBO	12.02	7	eP	18	08.00	0.7
	0.8s		4.70nm			4.2mb
VAO	21.11	81	eP	19	54.40	-0.3
BAO	23.65	62	ePd	20	19.60	0.0
KIC	71.35	72	eP	26	27.60	0.7
GBA	146.12	109	PKPc	34	48.00	3.0X
	0.6s		2.00nm			
	S.D. = 1.3		on 23 of 26 obs.			

• SEP 13, 1985 03h 54m 21.45± 2.15s
33.287 S ± 8.3km 72.543 W ±18.3km
DEPTH = 33.0km (normal)
3.2mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.16	126	iPc	54	41.60	0.3
			iS	54	56.50	
ROCH	1.32	77	iPd	54	42.60	-1.4
			iS	54	59.00	
TACH	1.39	106	iPc	54	44.20	-0.6
			i(S)	54	59.50	
			i	55	02.00	
SAN	1.58	97	iPd	54	47.20	-0.4
			iS	55	07.20	
CHCH	1.70	113	iP	54	49.60	0.3
BACH	1.72	93	iPc	54	49.50	-0.1
			iS	55	11.00	
PCH	1.73	102	iPd	54	50.00	0.3
			i(S)	55	11.50	
JACH	1.75	70	iP	54	49.10	-0.9
FCH	1.89	92	eP	54	52.20	-0.1
			iS	55	14.50	
MDZ	3.13	84	eP	55	15.60	6.0X
			iS	55	58.60	
RTCB	3.64	61	iPd	55	17.70	0.8
RFA	3.70	115	e(P)	55	18.00	0.3
ZON	3.70	63	eP	55	18.00	0.3
RTMQ	3.73	63	ePc	55	23.00	4.8X
RTLL	3.96	62	iPd	55	23.20	1.7
CFA	4.01	66	ePd	55	22.40	0.3

VCA	5.87	41	ePd	5[illegible]	48.1[illegible]	-0.4
			S	57	07.5[illegible]	
ZOBO	17.41	14	eP	38	23.80	0.2
	0.8s		1.89nm			3.2mb
	S.D. = 0.8		on 16 of 18 obs.			

• SEP 13, 1985 04h 01m 05.94± 1.27s
45.935 N ±15.6km 11.320 E ± 8.5km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.5 (KBA).

OGA	0.96	348	iPgd	01	23.60	-0.7
			iSg	01	37.10	
OSS	1.11	313	eP	01	26.30	-0.6
TMA	1.71	277	eP	01	36.90	0.7
TRI	1.72	97	iP	01	35.90	-0.2
			i	01	56.80	
VOY	1.80	86	ePn	01	33.10	-1.2
			iSg	02	02.20	
KBA	1.81	50	iPnd	01	39.40	1.9
			i(Pg)	01	42.20	
			iSg	02	04.20	
BHG	2.08	30	iPnd	01	45.00	3.7X
	S.D. = 1.5		on 6 of 7 obs.			

SEP 13, 1985 05h 33m 08.11± 0.47s
29.824 N ± 7.0km 84.052 E ± 6.3km
DEPTH = 33.0km (normal)
4.5mb (6 obs.)
TIBET (306)

KKN	2.30	152	iPc	33	45.20	0.6
DMN	2.39	157	iPc	33	47.40	1.3
PKI	2.54	152	iPc	33	49.40	1.2
VAR	4.60	192	eP	34	18.00	0.9
NDI	6.08	261	ePn	34	39.00	0.9
			iSn	35	52.20	
SHL	8.13	120	iP	35	03.50	-3.5X
			eS	37	21.30	
HYB	13.33	203	ePd	36	12.30	-5.3X
	1.0s	100.00nm				5.7mb X
POO	14.58	222	iP	36	32.00	-2.0
			iS	40	31.00	
QUE	14.83	276	eP	36	36.00	-1.3
			eS	39	13.50	
BOM	14.93	226	eP	36	33.00	-5.4X
			eS	40	23.00	
GTA	16.10	49	iPc	36	57.70	4.1X
CD2	17.04	81	eP	37	07.00	1.5
KMI	17.23	101	eP	37	06.00	-2.1
GBA	17.26	202	Pd	37	09.20	0.9
	0.3s	2.50nm				3.8mb
CHG	17.43	126	eP	37	11.00	0.7
CHTO	17.43	126	eP	37	08.00	-2.3
			e	37	10.00	
GYA	20.21	94	P	37	41.60	-1.6
KOD	20.44	199	eP	37	20.00	-25.8X
XAN	21.50	72	eP	37	55.80	-0.4
BTO	23.70	56	eP	38	19.00	1.1
CN2	35.58	55	Pd	40	05.00	0.6
KJF	49.03	331	eP	41	55.00	1.6
SUF	49.31	329	iP	41	57.30	1.7
SOD	50.41	335	eP	42	02.00	-1.9
KEV	51.07	338	eP	42	13.00	4.1X
HFS	54.93	325	eP	42	37.80	0.0
	0.7s	5.60nm				4.7mb
	Z 12s	0.16um				4.3MszX
		LR	06	03.00		
KHC	55.68	311	eP	42	44.00	0.7
NB2	56.15	326	P	42	46.80	0.2
	1.0s	6.80nm				4.6mb
BNG	66.59	261	iPd	43	51.80	-5.9X
	0.4s	5.00nm				5.0mb
		Id		44	24.10	
BCAO	66.60	261	eP	43	56.00	-1.8
	0.9s	3.20nm				4.4mb
WRA	69.23	129	Pc	44	13.50	-0.5
	0.4s	1.00nm				4.2mb
	S.D. = 1.4		on 24 of 31 obs.			

• SEP 13, 1985 05h 35m 01.83± 1.12s
47.241 N ±10.3km 10.311 E ± 8.8km
DEPTH = 5.0km (geophysicist)
AUSTRIA (546)
ML 2.5 (KBA).

OSS 0.57 192 ePg 35 12.20 -1.0
ZUL 1.33 281 eP 35 26.60 -0.3
SLE 1.34 294 eP 35 26.70 -0.3
TMA 1.51 222 eP 35 31.20 1.5
KBA 2.08 93 ePg 35 38.00 0.1
lSg 36 06.60
KHC 2.89 48 ePg 35 54.30 4.9X
Sg 36 29.20
S.D. = 1.3 on 5 of 6 obs.

? SEP 13, 1985 07h 16m 15.37± 4.42s
26.012 N ±46.4km 96.890 E ±42.3km
DEPTH = 33.0km (normal)
BURMA (296)

SHL 4.53 265 eP 17 23.70 0.0
CHG 7.41 165 eP 18 26.50 22.5X
CHTO 7.41 165 ePn 18 04.00 0.0
ePg 18 26.80
PKI 10.38 281 eP 18 45.00 -0.3
0.5s 4.00nm 4.9mb
KKN 10.51 282 eP 18 47.20 0.1
0.5s 11.00nm 5.3mb
DMN 10.65 281 eP 18 49.20 0.2
0.4s 6.00nm 5.2mb
S.D. = 0.3 on 5 of 6 obs.

* SEP 13, 1985 07h 52m 11.32± 1.14s
6.526 S ±16.3km 149.832 E ±18.1km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL 1.71 45 eP 52 38.00 -1.3
LAT 2.82 267 eP 52 54.00 -1.0
LMG 2.89 215 iPd 52 57.00 0.7
PMG 3.90 223 eP 53 14.00 3.5X
KVG 4.04 14 eP 53 14.00 1.5
WRA 20.10 227 Pd 56 45.30 0.0
0.6s 5.70nm 4.1mb
S.D. = 1.7 on 5 of 6 obs.

* SEP 13, 1985 07h 55m 28.29± 1.22s
43.998 N ±15.1km 10.239 E ±12.0km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

CVF 1.74 215 Pn 55 59.70 0.9
Sn 56 21.00
FRF 2.64 262 Pn 56 10.40 -1.2
Sn 56 39.40
LRG 2.86 260 Pn 56 14.20 -0.6
Sn 56 47.60
LPG 2.90 302 Pn 56 16.90 1.3
VOY 3.29 51 iPn 56 20.70 -0.3
eSn 57 00.50
KBA 3.77 34 ePn 56 32.00 4.1X
i 57 11.40
S.D. = 1.5 on 5 of 6 obs.

? SEP 13, 1985 10h 27m 48.64± 2.40s
20.941 S ±42.4km 177.608 W ±24.6km
DEPTH = 488.9 ± 20.8 km
4.8mb (5 obs.)
FIJI ISLANDS REGION (181)

VUN 4.72 308 eP 29 14.90 1.6
AFI 8.93 39 P 29 54.00 -2.0
S 31 30.00
CTA 33.81 265 P 33 50.60 0.1
0.7s 17.47nm 4.7mb
ASPA 44.78 257 iPd 35 19.40 -0.1
WRA 44.90 262 Pc 35 19.60 -0.9
0.5s 9.30nm 4.5mb
MTN 49.54 271 iPc 35 53.90 -1.9
NWAO 58.50 244 eP 37 00.00 0.8
RKG 58.58 242 eP 37 00.00 0.3
MUN 59.47 245 iPc 37 06.10 0.4
NAU 61.67 255 eP 37 20.00 -0.3
JAS1 79.45 43 eP 39 05.80 1.2
BMN 82.93 42 eP 39 23.80 1.3
IPM 83.59 277 ePd 39 24.20 -2.0
0.8s 22.90nm 4.8mb
CHG 90.74 290 iPd 40 00.80 0.8
0.7s 14.73nm 5.0mb
CHTO 90.74 290 iPd 40 00.80 0.9
0.5s 9.31nm 5.0mb

CLL 148.57 347 iPKP 46 39.90 3.6X
0.8s 11.00nm
BRG 148.77 346 iPKP 46 40.60 3.9X
0.6s 8.00nm
PRU 149.45 344 PKP 46 42.70 5.0X
KHC 150.49 345 PKP 46 44.80 5.4X
S.D. = 1.4 on 15 of 19 obs.

* SEP 13, 1985 11h 08m 20.78± 3.66s
45.609 N ±28.0km 14.262 E ±10.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.9 (TRI).

CEY 0.17 41 iPgc 08 24.40 -0.3
iSg 08 27.00
TRI 0.36 286 iPg 08 27.80 -0.5
LJU 0.47 23 ePg 08 30.20 -0.2
0.5s 318.00nm
iSg 08 37.10
VOY 0.50 329 iPg 08 39.20 -0.7
iSg 08 37.30
i 08 39.00
KBA 1.60 337 iPgd 08 51.00 1.6
i 08 52.40
iSg 09 11.80
i 09 13.00
S.D. = 1.3 on 5 of 5 obs.

? SEP 13, 1985 11h 10m 03.54± 5.25s
59.359 N ±28.9km 6.683 E ±33.7km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.2 (BER). Probable
explosion.

ODD 0.59 359 iPg 10 15.50 0.1
eSg 10 24.50
KMY 0.75 259 iPn 10 18.60 0.1
iPg 10 21.30
iSn 10 30.10
iSg 10 34.60
ASK 1.35 327 iPn 10 29.50 0.1
eSn 10 49.60
KONO 1.51 78 ePn 10 04.20 -27.8X
iSn 10 46.80
HYA 1.83 352 iPn 10 36.50 0.0
iSn 11 01.70
SUE 1.96 331 iPn 10 38.00 -0.3
iSn 11 03.80
S.D. = 0.2 on 5 of 6 obs.

? SEP 13, 1985 11h 13m 30.27± 1.66s
39.284 N ±17.0km 75.020 E ±36.8km
DEPTH = 10.0km (geophysicist)
4.4mb (3 obs.)
SOUTHERN XINJIANG, CHINA (321)

NDI 10.73 170 eP 16 07.00 0.0
eS 18 05.00
HFS 42.92 320 eP 21 30.20 -0.2
0.5s 4.20nm 4.4mb
NB2 44.14 321 P 21 40.50 0.2
0.5s 1.40nm 4.1mb
BNG 61.59 251 iPd 23 50.50 0.1
0.4s 3.00nm 4.8mb
BCAO 61.60 251 eP 23 50.30 -0.1
S.D. = 0.2 on 5 of 5 obs.

% SEP 13, 1985 11h 43m 03.91± 1.02s
40.161 N ± 9.2km 29.381 E ± 5.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV 0.41 359 iPg 43 12.40 0.2
iSg 43 19.50
GPA 0.72 80 iPn 43 18.10 0.0
ISK 0.94 345 ePn 43 21.80 0.1
BNT 1.14 280 iPn 43 25.60 0.4
EDC 1.18 280 ePn 43 25.60 -0.3
CTT 1.22 324 iPn 43 26.30 -0.4
KGT 1.62 281 ePn 43 32.50 0.0
S.D. = 0.3 on 7 of 7 obs.

? SEP 13, 1985 11h 52m 59.32± 1.18s
34.164 N ±13.0km 84.652 E ±27.7km
DEPTH = 33.0km (normal)
3.8mb (2 obs.)
TIBET (306)

KKN 6.38 175 eP 54 33.60 0.0
0.7s 13.00nm 4.8mb X
DMN 6.55 176 eP 54 36.80 0.7
PKI 6.60 174 eP 54 36.20 -0.7
0.5s 16.00nm 5.1mb X
CHTO 19.90 137 eP 57 31.00 0.1
1.0s 3.25nm 3.6mb
NB2 52.89 324 P 02 14.00 0.0
0.7s 1.60nm 4.1mb
S.D. = 0.7 on 5 of 5 obs.

* SEP 13, 1985 12h 53m 34.28± 0.73s
37.666 N ± 8.8km 141.732 E ±11.3km
DEPTH = 33.0km (normal)
4.9mb (9 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

TSK 1.95 222 iPc 54 05.40 -0.3
DDR 2.63 232 eP 54 15.00 -0.4
e 54 45.70
KYS 2.77 208 eP 54 18.70 1.4
SRY 2.85 225 eP 54 18.30 -0.1
OYM 3.01 223 eP 54 21.00 0.3
MAT 3.03 249 iPc 54 23.00 1.9
eS 55 02.00
SHK 7.97 250 eP 55 32.40 1.7
CN2 13.78 302 eP 56 57.60 8.1X
TIA 19.71 273 eP 58 02.80 -1.1
BJI 20.03 285 eP 58 04.50 -2.6
TIY 23.15 279 P 58 40.50 1.9
WHN 23.71 261 P 58 44.80 0.8
XAN 28.76 272 eP 59 12.00 -0.9
GYA 31.58 260 Pc 59 55.00 -1.2
CD2 31.93 269 eP 59 57.00 -2.1
GTA 32.63 286 P 00 04.80 -0.4
WMQ 40.79 296 eP 01 15.50 1.5
CHG 41.70 255 eP 01 22.50 0.9
PKI 47.87 275 eP 02 11.80 0.3
0.6s 13.00nm 5.1mb
KKN 47.88 275 eP 02 12.10 0.7
0.8s 36.00nm 5.4mb
IPM 49.61 239 ePd 02 22.90 -1.7
INK 53.71 27 eP 03 06.00 11.3X
WRA 57.72 188 Pc 03 22.30 -1.8
0.5s 6.30nm 4.9mb
GBA 61.52 265 Pd 03 48.30 -2.2
0.5s 6.00nm 5.0mb
SOD 64.48 337 iP 04 19.30 9.9X
KJF 66.06 334 iP 04 19.30 -0.3
0.7s 13.30nm 5.1mb
SUF 67.53 333 eP 04 29.00 0.0
0.7s 4.40nm 4.7mb
NUR 69.51 332 eP 04 32.00 -9.2X
i 04 41.20
FFC 73.04 33 eP 05 10.00 7.5X
0.8s 5.00nm 4.6mb
HFS 73.62 336 eP 05 05.40 -0.3
0.3s 1.80nm 4.5mb
NB2 73.70 337 P 05 06.40 0.1
0.8s 5.20nm 4.6mb
EUR 75.25 51 iP 05 16.20 0.3
0.5s 0.40nm 3.7mb X
CLL 80.67 330 e(P) 05 45.00 -0.1
PRU 81.08 329 eP 05 48.50 1.2
KHC 82.14 329 P 05 54.00 1.1
CDR 89.73 330 eP 06 30.50 0.1
i 06 36.20
ZOBO 146.14 59 iPKP 13 14.00 1.2
ITR 151.22 0 ePKP 13 26.10 6.0X
0.5s 4.40nm
SOB1 151.57 5 ePKP 13 27.60 7.0X
S.D. = 1.3 on 32 of 39 obs.

* SEP 13, 1985 13h 21m 16.96± 0.60s
39.341 N ± 9.1km 75.803 E ±12.3km
DEPTH = 10.0km (geophysicist)
5.1mb (7 obs.)
SOUTHERN XINJIANG, CHINA (321)

NDI 10.69 173 eP 23 55.00 1.8
eS 25 53.00
QUE 11.67 221 eP 24 07.00 0.3
eS 26 15.00
KKN 13.96 143 eP 24 37.40 0.2

13d 13h

0.4s 24.00nm 5.4mb
DMN 14.03 144 eP 24 38.10 -0.1
0.4s 16.00nm 5.2mb
PKI 14.20 143 eP 24 39.20 -1.4
0.4s 17.00nm 5.1mb
KJF 37.40 328 eP 28 12.00 -19.4X
NUR 37.87 321 iP 28 35.80 0.4
0.5s 7.00nm 4.7mb
SOD 38.89 332 iP 28 33.00 -10.8X
UPP 41.28 319 iP 29 03.90 0.3
HFS 43.27 320 eP 29 19.70 -0.2
0.5s 17.50nm 5.1mb
NB2 44.48 321 P 29 29.20 -0.6
0.6s 7.00nm 4.7mb
KHC 44.48 304 P 29 30.50 0.5
BNG 62.18 251 iPd 31 38.90 -2.2
0.5s 7.00nm 5.1mb
MBC 64.29 4 eP 31 55.00 0.9
S.D. = 1.1 on 12 of 14 obs.

? SEP 13, 1985 14h 02m 03.97± 1.79s
28.176 N ±12.0km 140.907 E ±23.8km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
BONIN ISLANDS REGION (212)

MAT 8.65 345 (P) 04 11.00 1.2
eS 05 59.00
SSE 17.39 284 P 06 06.00 0.4
ANP 17.58 265 e(P) 06 12.00 3.8X
DL2 19.27 309 P 06 29.00 0.4
NJ2 19.46 287 Pd 06 31.50 0.7
SNY 19.62 318 eP 06 32.40 -0.1
CN2 19.94 326 Pd 06 35.00 -0.8
OZH 20.22 266 Pd 06 40.00 1.1
TIA 21.63 298 eP 06 51.00 -2.3
BAG 22.12 242 eP 07 00.00 1.6
eS 11 04.00
WHN 23.25 282 eP 07 11.20 1.9
PPP 07 47.00
BJI 23.57 307 eP 07 13.00 0.7
HKC 24.85 262 eP 07 30.00 5.1X
eS 12 08.00
GZH 25.33 265 Pc 07 34.00 4.6X
DAV 25.50 218 eP 07 36.00 4.9X
eS 12 04.00
TIY 25.63 299 eP 07 31.10 -1.2
HHC 27.15 305 P 07 48.00 1.8
XAN 27.93 290 eP 07 51.00 -2.3
BTO 28.19 304 eP 07 55.00 -0.7
ePPP 08 50.00
QIZ 29.82 259 eP 08 09.00 -1.3
LZH 32.21 294 eP 08 34.00 2.5X
KMI 34.16 274 eP 08 50.00 1.5
GTA 35.66 299 P 09 00.00 -1.2
ePP 10 19.90
CHTO 39.43 266 eP 09 30.50 -2.3
1.1s 5.30nm 4.2mb
WMQ 45.03 335 eP 10 18.00 -0.4
PP 12 04.00
WRA 48.26 188 Pd 10 43.80 0.0
0.7s 7.70nm 4.8mb
KSH 54.06 300 eP 11 29.00 1.3
S.D. = 1.4 on 22 of 27 obs.

* SEP 13, 1985 14h 35m 59.34± 0.71s
6.471 S ± 8.6km 150.141 E ± 8.6km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
NEW BRITAIN REGION (192)

RAB 3.03 42 eP 36 46.50 0.3
LMG 3.12 219 iPd 36 46.90 -0.7
LAT 3.13 266 eP 36 27.00 -20.5X
ALOA 3.81 177 eP 36 57.00 -0.1
KVG 3.93 10 eP 37 08.20 9.4X
PMG 4.16 225 eP 37 03.00 0.9
MDG 4.51 285 eP 37 09.00 1.9
BGA 5.02 67 eP 38 07.00 52.5X
PAA 5.32 88 eP 38 06.00 47.4X
CTA 14.05 195 eP 39 20.00 1.7
1.0s 8.00nm 4.4mb
i 39 27.00
eS 42 28.00
MTN 19.78 250 eP 40 28.00 -1.8
RMQ 19.95 184 iPc 40 32.20 0.5
WRA 20.37 227 Pd 40 34.70 -1.3

0.7s 34.50nm 4.8mb
BRS 20.96 173 iPd 40 42.00 -0.1
i 40 49.20
NOU 22.27 137 iPc 40 55.00 -0.2
KNA 22.89 244 eP 41 01.00 -0.4
ASPA 23.15 221 eP 41 05.00 1.0
NAU 37.01 241 eP 43 07.00 -1.0
BNG 131.78 270 iPKPd 55 11.10 -0.8
0.6s 5.00nm
ic 55 19.00
S.D. = 1.2 on 15 of 19 obs.

& SEP 13, 1985 14h 41m 39.75s
62.170 N 150.409 W
DEPTH = 60.3km
CENTRAL ALASKA (1)
<AGS-P>.

SKT 0.56 251 iP 41 52.10 -0.4
iS 42 01.79
PWA 0.58 154 iP 41 51.89 -0.8
SUA 0.73 193 iP 41 54.32 -0.2
iS 42 05.48
GHO 0.81 119 iP 41 55.17 -0.4
PMR 0.84 133 eP 41 54.80 -1.0
eS 42 07.33
PME 0.85 129 eP 41 55.09 -0.9
eS 42 07.49
PMS 1.01 156 eP 41 57.88 -0.3
iS 42 11.96
SML 1.05 109 eP 41 57.66 -0.9
CGLM 1.15 222 eP 41 59.45 -0.6
KNK 1.20 128 iP 42 00.35 -0.3
iS 42 16.97
CRP 1.23 223 eP 42 00.92 -0.3
SPU 1.26 219 iP 42 01.58 0.0
PTE 1.47 153 eP 42 03.17 -1.1
iS 42 22.05
SCM 1.49 102 eP 42 04.09 -0.7
eS 42 24.64
CFI 1.60 127 eP 42 05.65 -0.5
PWL 1.65 142 iP 42 05.57 -1.3
SLKM 1.67 177 eP 42 06.28 -0.9
MPA 1.76 163 eP 42 07.50 -0.9
RDT 1.87 212 eP 42 09.79 -0.2
TOA 1.99 90 eP 42 12.12 0.5
GLI 2.05 128 eP 42 11.28 -1.1
VZW 2.15 119 eP 42 13.24 -0.7
LOU 2.17 141 eP 42 11.70 -2.4
VLZ 2.21 116 eP 42 13.04 -1.5
KLU 2.24 106 iP 42 13.67 -1.4
KNIM 2.24 144 eP 42 12.45 -2.6
ILM 2.31 211 eP 42 16.30 0.2
FID 2.36 125 eP 42 14.76 -2.1
FBA 2.98 22 eP 42 25.04 -0.5
29 obs. associated

% SEP 13, 1985 15h 22m 17.37± 1.17s
40.138 N ±10.3km 29.260 E ± 6.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV 0.44 11 iPg 22 26.20 -0.1
iSg 22 33.90
GPA 0.82 79 iPn 22 33.20 0.0
ISK 0.94 351 ePn 22 35.50 0.2
EDC 1.09 281 ePn 22 37.60 -0.2
CTT 1.19 328 iPn 22 39.40 -0.2
KGT 1.53 282 ePn 22 45.00 0.3
S.D. = 0.3 on 6 of 6 obs.

SEP 13, 1985 15h 26m 58.02± 0.64s
44.578 N ± 5.0km 9.583 E ± 5.6km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.1 (LDG).

TMA 1.61 342 eP+ 27 26.30 -0.4
MMK 1.86 323 ePd 27 31.30 0.8
VDL 1.91 358 ePd 27 31.00 -0.1
CVF 2.08 195 Pn 27 32.10 -1.2
Sn 27 57.40
OSS 2.15 10 ePd 27 34.80 0.3
DIX 2.15 315 ePd 27 35.60 1.0
LPG 2.21 296 Pn 27 36.10 0.6
LLS 2.33 350 ePd 27 37.60 0.5
FRF 2.35 245 Pn 27 38.20 1.0

Sn 28 07.20
LRG 2.58 245 Pn 27 40.80 0.3
Sn 28 13.70
CDR 2.89 253 eP 27 49.00 4.0X
e 28 19.30
SLE 3.28 347 ePd 27 48.60 -1.9
VOY 3.37 63 eP 27 52.80 0.9
e(Sn) 28 27.30
eSg 28 44.00
BSF 3.79 330 Pn 27 57.40 -0.4
Sn 28 42.50
HAU 4.10 328 Pn 28 01.60 -0.4
Sn 28 50.30
SMF 4.53 299 Pn 28 08.40 0.2
LBF 4.60 304 Pn 28 09.20 -0.1
LOR 4.82 306 Pn 28 11.60 -0.7
AVF 4.89 299 Pn 28 13.50 0.1
SSF 4.92 302 Pn 28 13.60 -0.1
BGF 5.13 295 Pn 28 16.20 -0.5
KHC 5.31 30 eP 28 54.50 35.1X
TCF 5.46 291 Pn 28 21.60 0.1
S.D. = 0.8 on 21 of 23 obs.

% SEP 13, 1985 15h 50m 42.36± 0.98s
45.423 N ±30.3km 25.055 E ± 7.6km
DEPTH = 10.0km (geophysicist)
ROMANIA (358)

COZ 0.51 259 eP 50 52.00 -0.8
MLR 0.63 83 iPc 50 53.50 -1.6
ISR 1.09 105 eP 51 03.50 0.6
VRI 1.25 69 iPd 51 06.50 0.8
CLO 1.63 258 eP 51 12.00 0.8
S.D. = 1.6 on 5 of 5 obs.

? SEP 13, 1985 16h 20m 13.55± 5.01s
59.400 N ±29.1km 6.577 E ±34.3km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.7 (BER). Probable
explosion.

ODD 0.55 5 iPg 20 24.00 -0.6
eSg 20 32.70
eSn 21 11.50
KMY 0.71 255 iPn 20 27.50 -0.2
iPg 20 30.10
iSn 20 38.10
eSg 20 41.50
ASK 1.29 328 iPn 20 38.50 0.2
eSn 20 56.00
HYA 1.78 354 iPn 20 46.40 0.6
eSn 21 09.80
S.D. = 0.9 on 4 of 4 obs.

* SEP 13, 1985 17h 23m 21.80± 1.50s
27.015 S ± 8.2km 71.562 W ±21.8km
DEPTH = 33.0km (normal)
NEAR COAST OF NORTHERN CHILE (122)

VCA 3.44 121 ePd 24 16.00 1.5
S 24 58.50
ANT 3.45 18 iP 24 15.50 0.9
iS 25 11.70
RTCB 5.07 152 ePd 24 40.10 2.5
RTLL 5.08 149 ePd 24 37.00 -0.7
CYA 5.31 107 e(P) 24 39.00 -1.9
S 25 42.50
SLA 5.92 69 eP 24 54.00 4.3X
PEL 6.16 173 iP 24 51.90 -1.0
iS 26 10.30
MDZ 6.30 159 eP 25 00.10 5.1X
i(S) 26 16.00
BACH 6.38 172 eP 24 56.50 0.4
i 26 13.50
LNV 6.92 179 eP 25 07.00 3.5X
RFA 8.18 162 e(P) 25 20.00 -1.2
ZOBO 11.16 17 e(P) 26 02.00 -0.7
e 26 09.30
S.D. = 1.7 on 9 of 12 obs.

* SEP 13, 1985 17h 32m 03.61± 1.25s
39.382 N ±14.6km 75.637 E ±14.2km
DEPTH = 10.0km (geophysicist)
4.5mL (3 obs.)
SOUTHERN XINJIANG, CHINA (321)

NDI 10.75 173 eP 34 39.00 -1.7
eS 36 41.00
QUE 11.62 220 eP 34 53.50 0.9
KKN 14.07 142 eP 35 25.90 0.5
0.5s 12.00nm 4.9mb
DMN 14.14 143 eP 35 26.80 0.5
PKI 14.31 142 eP 35 28.80 0.1
0.6s 7.00nm 4.5mb
NB2 44.37 321 P 40 15.20 -0.3
0.7s 2.10nm 4.1mb
S.D. = 1.2 on 6 of 6 obs.

* SEP 13, 1985 17h 46m 49.18± 1.85s
23.692 N ±11.5km 121.684 E ±19.9km
DEPTH = 27.8 ± 6.6 km
3.8mb (1 obs.)
TAIWAN (244)

TWD 0.40 348 iPc 46 58.20 0.4
TWF1 0.49 227 iPc 46 59.00 -0.3
eS 47 07.00
TWC 0.93 9 iPc 47 06.00 -0.2
eS 47 20.00
TWQ 0.97 307 iPd 47 07.50 0.6
TWK 1.18 249 iP 47 10.00 0.1
TATO 1.29 352 eP 47 12.00 0.6
TWZ 1.40 356 iPd 47 13.30 0.2
eS 47 32.70
ANP 1.49 354 ePc 47 15.80 1.4
0.8s 597.02nm
eS 47 30.70
QZH 3.08 294 iPnd 47 35.50 -1.6
Sn 48 09.60
HKC 7.06 260 eP 48 28.50 -4.8X
eS 49 42.00
SSE 7.39 357 ePn 48 47.50 9.6X
GZH 7.69 267 ePn 48 45.00 2.9X
Sn 50 01.50
WHN 9.44 318 eP 49 02.80 -3.7X
QIZ 11.97 249 eP 49 41.40 0.4
XAN 15.19 316 eP 50 22.00 -1.6
BJI 16.95 345 (P) 50 44.00 -1.9
CD2 17.47 298 eP 50 55.20 2.7
CHG 21.73 261 eP 51 41.00 0.6
CHTO 21.73 261 eP 51 39.80 -0.5
1.2s 5.21nm 3.8mb
GTA 24.26 315 P 52 06.00 0.9
S.D. = 1.3 on 16 of 20 obs.

? SEP 13, 1985 18h 15m 32.34± 8.89s
52.052 N ±54.9km 17.270 E ±52.2km
DEPTH = 10.0km (geophysicist)
POLAND (546)
ML 3.4 (VKA).

KSP 1.36 207 iP 15 57.20 -0.1
iS 16 06.50
BRG 2.39 242 iPg 16 12.90 0.8
iSg 16 32.80
PRU 2.69 221 Pn 16 16.10 -0.3
Pg 16 17.50
eSn 16 35.00
eSg 16 42.00
CLL 2.76 256 ePn 16 17.00 -0.4
e 16 23.00
iSg 16 46.60
KHC 3.75 220 Pn 16 31.40 -0.2
Pg 16 37.00
Sn 17 07.00
Sg 17 21.00
HOF 3.81 245 iPnd 16 42.50 10.1X
MOX 3.81 251 ePg 16 40.00 7.6X
iSg 17 18.00
VKA 3.84 190 iPnc 16 32.90 0.1
iPg 16 45.40
i 17 18.50
i 17 27.80
i(Sg) 17 31.60
KBA 5.59 209 eP 17 08.50 10.7X
e 17 53.00
i(Sg) 18 20.40
S.D. = 0.5 on 6 of 9 obs.

SEP 13, 1985 18h 34m 21.31± 0.85s
23.945 N ± 4.1km 122.562 E ± 7.1km
DEPTH = 35.0 ± 7.0 km
4.9mb (18 obs.)

TAIWAN REGION (243)

TWD 0.89 279 iPc 34 37.00 -0.5
TWC 0.93 316 iPd 34 37.60 -0.4
eS 34 52.50
TWF1 1.30 243 iPd 34 43.00 -0.5
TATO 1.42 317 iPc 34 46.30 1.2
TWZ 1.45 322 iPc 34 47.50 1.8
ANP 1.56 323 iPc 34 49.00 1.8
eS 35 04.20
TWQ 1.61 282 iPc 34 49.00 1.1
TWG 1.77 231 iPd 34 49.00 -1.1
QZH 3.75 286 iPnc 35 17.00 -1.3
Sn 35 57.30
CVP 6.25 187 eP 35 53.00 -0.6
SZP 6.66 198 iPd 36 00.00 0.7
SSE 7.23 351 iPnd 36 05.80 -1.4
Lg 38 12.50
HKC 7.89 260 eP 36 16.00 -0.6
eS 37 41.10
GZH 8.50 266 P 36 23.60 -1.5
NJ2 8.71 339 Pd 36 26.20 -1.7
WHN 9.82 314 eP 36 42.20 -1.1
QIZ 12.81 250 eP 37 25.00 1.2
TIA 13.10 340 eP 37 26.00 -1.5
GYA 14.61 283 P 37 47.60 0.1
S 40 23.60
CGP 15.54 172 ePd 38 05.00 5.4X
1.0s 46.00nm 4.6mb
TIY 16.23 330 eP 38 11.00 2.6
BJI 16.93 343 eP 38 18.00 1.0
SNY 17.85 2 iPd 38 30.00 1.4
CD2 18.07 297 iPd 38 31.50 0.1
HHC 19.22 334 eP 38 45.80 0.5
CN2 19.95 6 eP 38 51.00 -2.2
LZH 20.18 311 eP 38 56.00 0.1
LOE 20.54 255 eP 39 03.00 3.5X
PCT 21.96 249 eP 39 15.00 1.1
CHG 22.57 261 eP 39 22.00 2.1
GTA 24.65 314 Pc 39 40.20 0.0
PKI 33.58 284 eP 41 00.00 -0.8
0.5s 4.00nm 4.6mb
KKN 33.68 285 eP 41 01.40 -0.2
0.6s 8.00nm 4.8mb
DMN 33.84 284 eP 41 01.80 -1.2
WMQ 34.73 313 iPc 41 10.00 -0.3
MTN 37.51 166 eP 41 33.00 -0.8
WRA 45.11 164 Pd 42 37.00 0.8
0.9s 10.30nm 4.7mb
CTA 49.48 150 iPc 43 12.60 2.1
1.2s 10.16nm 4.7mb
BRS 58.78 148 eP 44 17.00 -1.5
KEV 69.66 338 eP 45 28.00 -1.0
SOD 70.39 336 iP 45 33.20 -0.3
KJF 70.79 332 eP 45 35.00 -0.9
0.6s 13.00nm 5.2mb
SUF 71.87 331 iP 45 41.90 -0.5
0.3s 3.00nm 4.8mb
INK 72.97 22 eP 45 48.00 -0.8
NUR 73.24 329 eP 45 50.00 -0.5
SLL 78.39 331 eP 46 18.40 -1.2
0.5s 7.10nm 4.9mb
NB2 79.02 332 P 46 22.30 -0.8
0.5s 1.80nm 4.3mb
KHC 83.75 321 Pd 46 49.00 0.8
KBA 84.91 320 e(P) 46 54.00 -0.2
1.0s 5.60nm 4.7mb
WLF 87.57 324 P 47 08.40 1.4
DOU 88.14 325 P 47 10.40 0.7
EDM 89.19 30 eP 47 15.50 0.7
LPG 89.62 321 eP 47 17.20 -0.1
0.9s 9.00nm 5.1mb
LBF 90.32 323 eP 47 19.80 -0.4
1.0s 4.80nm 4.8mb
NEW 90.48 35 eP 47 22.00 1.1
SMF 90.60 323 eP 47 21.20 -0.2
0.8s 8.70nm 5.1mb
AVF 90.78 323 eP 47 22.00 -0.2
0.9s 5.90nm 4.9mb
MZF 91.55 323 eP 47 26.00 0.2
1.0s 8.60nm 5.1mb
TCF 91.71 323 eP 47 26.90 0.3
CAF 92.63 322 eP 47 31.30 0.5
1.0s 9.00nm 5.2mb
RJF 92.70 323 eP 47 31.70 0.6
1.0s 16.00nm 5.4mb
FFC 92.84 24 iPd 47 31.70 0.1
0.9s 13.00nm 5.4mb
S.D. = 1.1 on 60 of 62 obs.

* SEP 13, 1985 19h 46m 46.88± 1.79s
51.235 N ±19.7km 15.685 E ± 8.5km
DEPTH = 5.0km (geophysicist)
POLAND (548)

KSP 0.55 135 IP 46 56.20 -1.7
0.5s 47.00nm
iS 47 05.00
BRG 1.16 252 iPg 47 10.90 2.0
iSg 47 29.90
CLL 1.69 274 iPn 47 15.20 -1.9
i 47 22.40
eSg 47 43.00
KHC 2.50 214 Pn 47 29.30 0.3
Pg 47 35.60
Sn 48 03.50
Sg 48 15.90
HOF 2.59 251 iPnc 47 29.40 -0.7
MOX 2.64 259 ePg 47 38.00 7.1X
iSg 48 17.00
WET 2.76 222 iPnc 47 33.10 0.5
KRA 2.95 112 eP 47 37.10 1.8
iS 48 16.50
VKA 3.00 172 iPnc 47 43.90 7.9X
i 48 28.60
GRF 3.24 243 ePg 47 39.40 0.0
eSg 48 36.50
BHG 3.96 209 iPnc 48 06.50 16.8X
KBA 4.43 201 iPnc 47 56.30 -0.2
i 48 04.90
iSg 49 07.70
S.D. = 1.6 on 9 of 12 obs.

? SEP 13, 1985 20h 28m 51.24± 0.70s
54.719 N ±30.6km 161.280 E ±19.0km
DEPTH = 33.0km (normal)
4.5mb (5 obs.)
NEAR EAST COAST OF KAMCHATKA (218)

MAT 24.12 231 eP 34 06.00 1.3
0.9s 8.40nm 4.3mb
IMA 24.37 44 eP 34 08.40 1.3
COL 26.79 47 eP 34 29.50 -0.1
INK 32.16 39 eP 35 17.80 -0.4
EDM 47.24 55 iP 37 22.50 -0.1
NEW 48.50 62 eP 37 32.50 0.0
EUR 55.08 69 eP 38 22.00 -0.3
0.9s 11.10nm 4.9mb
BDW 56.12 62 eP 38 29.50 -0.2
CHTO 58.92 258 eP 38 46.80 -2.6
0.8s 1.46nm 4.2mb
ALQ 63.54 66 eP 39 20.30 -0.4
1.0s 4.25nm 4.5mb
LTX 69.37 68 eP 39 57.70 0.1
0.7s 6.19nm 4.8mb
POO 73.62 279 eP 40 24.50 1.4
S.D. = 1.2 on 12 of 12 obs

SEP 13, 1985 20h 33m 27.47± 0.86s
6.577 S ± 6.3km 149.826 E ± 7.1km
DEPTH = 29.0 ± 7.0 km
4.8mb (4 obs.)
NEW BRITAIN REGION (192)

BIAL 1.75 44 eP 33 56.00 -0.3
LAT 2.81 268 eP 34 11.50 0.1
LMG 2.85 216 eP 34 11.50 -0.6
RAB 3.33 45 eP 34 18.00 -0.8
ALOA 3.74 172 eP 34 22.00 -2.6
PMG 3.86 223 iPc 34 28.00 1.7
KVG 4.09 14 eP 34 32.00 2.3
MDG 4.24 288 eP 34 31.00 -0.7
WEW 6.87 296 e(P) 35 10.00 1.2
CTA 13.87 194 iPd 36 45.60 1.1
1.0s 11.50nm 4.6mb
i 36 53.30
i 37 02.00
iS 39 33.00
ISQ 17.22 214 eP 37 29.00 1.3
MTN 19.44 250 eP 37 54.00 -0.8
RMQ 19.83 183 iPd 37 59.20 0.2
WRA 20.06 227 Pc 37 59.80 -1.7
0.9s 76.60nm 5.0mb
BRS 20.89 173 iPc 38 09.20 -0.8

13d 20h

			e	38	23.50	
			e	44	25.00	
AAI	21.73	277	ePd	38	19.50	0.9
	0.6s		4.50nm			4.1mb
NOU	22.41	136	iPc	38	31.50	6.3X
KNA	22.56	244	eP	38	27.00	0.2
ASPA	22.87	220	eP	38	30.00	0.2
	0.5s		44.00nm			5.2mb
			eS	42	37.00	
COO	23.95	176	eP	38	41.00	0.7
STK	26.32	196	eP	39	04.00	1.3
NAU	36.69	241	eP	40	34.00	0.1
MRWA	39.04	231	eP	40	53.00	-0.6
MUN	40.26	227	eP	41	03.00	-0.7
IPM	49.96	282	ePd	42	19.40	-2.0
DRV	60.37	184	eP	43	37.20	1.2
SPA	83.47	180	e(P)	45	55.00	1.4
QUE	87.15	301	eP	46	09.80	-2.9
BRG	122.68	328	ePKP	52	21.90	-0.1
			e	52	30.50	
KHC	123.86	327	iPKP	52	24.50	0.0
BNG	131.47	270	iPKPc	52	39.10	-1.0
	0.9s		9.00nm			
			id	52	47.70	
IFR	144.54	322	iPKP	53	03.00	-0.6
VAO	146.33	151	e(PKP)	53	08.00	1.2
BAO	151.74	141	ePKPc	53	20.10	4.7X
ITR	162.69	152	ePKP	53	29.80	1.0
	S.D. = 1.3		on 33 of 35 obs.			

SEP 13, 1985 20h 43m 20.51± 0.83s
41.740 N ± 8.7km 22.708 E ± 7.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

VAY	0.43	194	iPg	43	29.40	0.1
			iSg	43	36.20	
MMB	0.78	101	iPgc	43	35.00	-0.7
			Sg	43	46.00	
VTS	0.93	23	eP	43	37.00	-1.3
SKO	0.98	284	ePg	43	39.30	0.3
			eSg	43	52.00	
PLD	1.53	76	ePg	44	10.00	22.1X
OHR	1.57	247	ePn	43	48.20	-0.3
KDZ	1.98	92	eP	43	59.00	4.6X
PVL	2.30	52	eP	44	01.00	1.9
	S.D. = 1.4		on 6 of 8 obs.			

SEP 13, 1985 21h 35m 32.92± 0.60s
8.044 N ± 8.9km 93.296 E ± 7.9km
DEPTH = 33.0km (normal)
4.7mb (9 obs.)
NICOBAR ISLANDS REGION (704)

SNG	7.31	96	eP	37	25.00	4.9X
NNT	7.78	54	eP	37	28.40	1.7
IPM	8.42	114	ePd	37	34.80	-0.8
			e	37	41.40	
			e	39	07.10	
KHT	8.47	37	eP	37	40.00	3.6X
PCT	10.33	50	eP	38	04.00	2.0
	0.5s		4.00nm			4.9mb
CHG	12.03	27	ePd	38	30.40	5.3X
	1.1s		24.68nm			5.3mb
CHTO	12.03	27	e(P)	38	26.30	1.2
			i	38	31.30	
LOE	12.42	41	eP	38	34.00	3.7X
VIS	13.68	316	iP	38	50.00	3.0X
KOD	15.78	279	eP	39	20.00	5.3X
			eS	41	57.00	
GBA	16.52	291	Pc	39	25.80	1.9
	0.3s		5.00nm			4.1mb
HYB	17.12	304	eP	39	34.50	3.0X
SHL	17.48	356	iP	39	33.50	-2.6
POO	21.58	301	eP	40	24.50	2.4
LSA	21.64	355	Pc	40	21.90	-1.1
GYA	22.29	33	eP	40	29.60	0.5
CD2	24.76	22	eP	40	53.80	0.7
			eS	45	09.80	
NDI	25.52	326	eP	41	00.50	0.3
	1.1s		25.32nm			4.7mb
			eS	45	55.00	
LZH	29.53	18	eP	41	36.00	-0.9
XAN	29.61	27	eP	41	35.40	-2.1
GTA	31.77	10	Pc	41	56.20	-0.4
QUE	33.08	315	eP	42	09.80	1.7
TIY	34.25	28	eP	42	18.80	0.8
BTO	35.68	22	eP	42	30.00	-0.3
WMQ	35.97	353	Pc	42	32.50	-0.2
HHC	36.49	24	eP	42	38.00	0.9
BJI	37.86	29	eP	42	50.00	1.6
SNY	42.99	34	eP	43	30.40	-0.4
CN2	45.34	33	Pc	43	49.60	-0.1
MUN	45.42	152	eP	43	52.00	1.5
NWAO	46.68	152	eP	44	01.00	0.5
WRA	49.04	125	Pd	44	17.10	-2.0
	0.6s		3.10nm			4.5mb
KJF	72.29	335	iP	46	55.00	-1.8
	0.5s		9.80nm			5.1mb
SUF	72.51	334	eP	46	57.00	-1.1
NUR	72.59	331	eP	47	18.00	19.4X
SOD	73.74	338	iP	47	04.70	-0.6
BNG	74.31	272	iPd	47	09.80	0.2
	0.8s		7.00nm			4.7mb
			ic	47	26.50	
			ic	47	35.20	
KEV	74.40	341	eP	47	08.00	-1.0
ZST	74.85	318	eP	47	29.00	17.0X
SLL	78.10	330	eP	47	28.70	-1.3
	0.7s		6.60nm			4.8mb
NB2	79.17	331	P	47	34.60	-1.3
	0.7s		2.10nm			4.2mb
	S.D. = 1.4		on 32 of 41 obs.			

* SEP 14, 1985 00h 00m 24.64± 0.72s
37.247 N ±11.0km 71.394 E ± 9.9km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.95	209	eP	02	21.00	0.0
			eS	03	45.00	
NDI	9.84	149	iPc	02	42.00	-4.9X
	0.6s		6.67nm			5.1mb X
KKN	15.02	125	eP	03	56.40	0.0
	0.5s		23.00nm			4.7mb
DMN	15.03	126	eP	03	56.80	0.2
	0.5s		25.00nm			4.8mb
PKI	15.25	125	eP	03	59.30	-0.2
HFS	42.68	321	eP	08	19.90	0.4
	0.4s		4.80nm			4.6mb
NB2	43.98	323	P	08	29.80	-0.4
	0.5s		2.20nm			4.2mb
	S.D. = 0.3		on 6 of 7 obs.			

* SEP 14, 1985 00h 40m 41.28± 0.73s
9.035 S ±13.4km 120.491 E ±14.0km
DEPTH = 115.8 ± 12.1 km
4.3mb (2 obs.)
SUMBA ISLAND REGION (287)

WSI	0.66	197	iPc	41	00.00	-0.1
			iS	41	18.00	
			e	45	27.00	
MKS	3.93	345	e(P)	41	40.80	0.1
KNA	10.48	130	eP	43	10.00	0.3
			eS	44	59.00	
MTN	11.11	111	iPc	43	17.60	-0.4
			eS	45	13.00	
WRA	17.23	131	Pc	44	36.40	0.1
	0.4s		2.70nm			3.9mb
IPM	23.65	304	ePc	45	43.10	-0.1
	0.7s		24.10nm			4.7mb
CHG	34.89	323	eP	47	53.00	29.3X
BRS	35.52	125	iPc	47	42.90	13.9X
			e	47	55.70	
	S.D. = 0.4		on 6 of 8 obs.			

? SEP 14, 1985 02h 24m 02.23± 4.02s
28.947 N ±33.6km 131.424 E ±34.7km
DEPTH = 33.0km (normal)
RYUKYU ISLANDS REGION (239)

SHK	5.67	11	eP	25	26.50	0.1
MAT	9.48	35	eP	26	29.00	9.4X
	1.1s		13.92nm			5.1mb
CN2	15.58	344	Pc	27	46.60	5.7X
			eS	30	31.00	
BJI	16.72	315	eP	27	56.50	1.0
TIY	18.09	304	eP	28	12.70	0.0
XAN	19.84	291	eP	28	31.20	-2.0
HHC	20.11	311	eP	28	36.40	0.4
BTO	21.02	309	eP	28	46.00	0.5
GYA	22.05	269	P	28	58.00	2.0
CD2	24.04	282	eP	29	15.30	0.0
LZH	24.27	294	eP	29	21.00	3.4X
GTA	28.03	300	P	29	50.30	-2.2
	S.D. = 1.5		on 9 of 12 obs.			

* SEP 14, 1985 02h 54m 18.33± 0.77s
38.264 S ± 9.4km 176.826 E ±10.7km
DEPTH = 106.5 ± 8.5 km
4.3mb (2 obs.)
NORTH ISLAND, NEW ZEALAND (159)

TUA	0.60	155	P	54	37.60	1.8
			eS	54	55.00	
GNZ	1.01	112	P	54	38.80	-0.8
KRP	1.07	288	iP	54	41.60	1.3
TRZ	1.29	180	P	54	45.50	2.8X
MNG	2.57	203	P	54	09.00	-50.2X
			eS	55	34.00	
WEL	3.41	207	P	55	11.09	0.5
			S	55	53.40	
RTY	4.68	220	P	55	28.00	0.2
			S	56	25.00	
CRZ	5.08	318	iPc	55	32.00	-1.4
KKZ	5.67	204	P	55	29.00	-12.5X
			S	56	29.00	
CIZ	7.56	141	P	56	06.00	-1.4
			S	57	29.00	
MSZ	9.25	223	P	56	27.70	-2.7
			S	58	10.00	
OBZ	10.75	214	eP	56	51.00	0.6
			S	58	48.00	
NOU	18.23	328	iPc	58	24.10	-1.7
KOU	20.71	325	iPc	58	51.50	-0.4
BRS	22.87	291	eP	59	16.00	2.8
CTA	32.05	296	iPc	00	36.80	-0.1
	0.8s		5.97nm			4.4mb
WRA	40.95	284	Pc	01	51.10	-0.9
	0.4s		1.80nm			4.2mb
KLB	48.18	259	eP	02	49.00	-0.6
KEV	144.59	342	ePKP	13	38.00	-4.6X
SOD	146.41	340	iPKP	13	46.80	1.1
KIC	148.21	177	ePKP	13	52.90	2.7X
KJF	148.23	335	iPKP	13	49.60	0.9
	0.7s		13.30nm			
SUF	149.72	333	iPKP	13	52.00	1.0
	0.5s		12.40nm			
NUR	151.69	331	iPKP	13	57.20	3.2X
	0.5s		29.40nm			
	S.D. = 1.5		on 18 of 24 obs.			

SEP 14, 1985 03h 02m 44.28± 0.42s
36.266 N ± 4.3km 120.255 W ± 4.0km
DEPTH = 10.0km (geophysicist)
CENTRAL CALIFORNIA (39)
ML 2.8 (BRK), 3.3 (PAS).

PRI	0.35	250	iPc	02	51.70	0.1
PHAM	0.44	195	eP	02	52.60	-0.7
LLA	0.66	302	iPc	02	57.90	0.5
FRI	0.85	31	iPd	03	01.40	0.8
PRS	0.90	275	iPc	03	01.60	0.0
SAO	1.08	298	iPc	03	04.70	0.1
SLD	1.12	316	eP	03	05.20	-0.1
ARN	1.49	317	eP	03	10.40	-0.7
WKTM	1.54	107	eP	03	11.20	-0.7
MHC	1.55	314	eP	03	11.30	-0.7
ISA	1.57	112	iPc	03	11.60	-0.6
			iS	03	30.80	
JAS1	1.66	356	iPd	03	14.30	0.7
BLP	1.71	184	eP	03	16.00	1.8
VPEM	2.00	98	eP	03	18.70	0.1
BKS	2.26	316	eP	03	21.70	-0.5
EUR	4.67	45	iP	04	03.40	6.7X
	0.2s		8.37nm			
	S.D. = 0.8		on 15 of 16 obs.			

* SEP 14, 1985 03h 21m 41.65± 0.98s
20.946 S ± 8.3km 69.163 W ±14.4km
DEPTH = 33.0km (normal)
NORTHERN CHILE (123)

ANT	2.98	203	eP	22	27.50	-0.2
TPZ	3.26	100	P	22	32.50	0.5
CNCB	4.26	15	iP	22	46.90	0.5
LPB	4.50	13	iPd	22	50.70	0.9
	1.2s		93.75nm			
CCH	4.55	39	P	22	49.00	-1.3

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                    i     23 14.90
ZOBO     4.75  12 iP     22 53.00   -0.4
                    i     23 07.00
      S.D. = 1.0   on   6 of   6 obs.

&  SEP  14, 1985  06h 24m 24.66s
   47.390 N          122.363 W
   DEPTH =  19.8km
 WASHINGTON                              ( 29)
      <SEA>. ML 3.1 (NEIS).

GMW      0.32 300 iP     24 31.00   -0.6
LON      0.75 148 eP     24 37.80   -1.2
BFW      1.07 213 eP     24 43.20   -1.2
SHW      1.20 175 eP     24 45.50   -1.0
MCW      1.33 347 eP     24 47.30   -0.8
NEW      3.65  74 eP     25 20.50   -0.9
      6 obs. associated

   SEP  14, 1985  08h 00m 13.72± 0.46s
   28.460 N ± 6.1km   140.502 E ± 7.1km
   DEPTH =  33.0km  (normal)
   4.9mb (  8 obs.)
 BONIN ISLANDS REGION                    (212)

DDR      7.60 352 eP     02 05.40    0.4
TSK      7.74 358 eP     02 06.40   -0.5
MAT      8.29 347 eP     02 18.00    3.4X
      1.0s     25.00nm          5.3mb X
                 eS     02 04.00
SHK      9.01 314 eP     02 24.80    0.2
PJG     15.35 164 eP     03 50.70    1.2
GUMO    15.35 164 eP     03 50.20    0.7
GUA     15.40 164 eP     03 50.50    0.2
SSE     16.97 284 P      04 11.00    0.8
ANP     17.26 264 eP     04 15.00    1.1
MDJ     18.32 335 eP     04 28.00    1.1
DL2     18.81 308 P      04 34.40    1.5
NJ2     19.04 286 Pc     04 37.50    1.9
                 sP     05 15.00
SNY     19.17 319 Pd     04 35.00   -2.2
CN2     19.50 326 eP     04 37.00   -4.0X
OZH     19.88 265 e(P)   04 43.00   -2.1
                 sP     05 09.50
BAG     21.94 241 eP     05 06.00   -0.4
                 eS     09 08.00
OCP     22.66 237 eP     05 29.00   15.6X
WHN     22.84 282 eP     05 14.50   -0.6
                 pP     05 40.00  124kmX
                 sP     05 53.00
BJI     23.11 306 eP     05 19.00    1.4
HKC     24.54 262 eP     05 35.00    3.4X
                 eS     09 59.00
GZH     25.01 264 P      05 38.00    1.9
TIY     25.19 299 eP     05 37.00   -0.8
DAV     25.52 216 eP     05 40.00   -0.9
                 eS     10 08.00
HHC     26.69 305 P      05 52.00    0.2
XAN     27.50 290 eP     05 56.70   -2.4
BTO     27.74 304 eP     06 01.00   -0.3
                 ePP    06 53.00
GYA     30.04 274 P      06 21.80   -0.3
LZH     31.77 293 eP     06 36.00   -1.4
                 PP     07 45.00
CD2     31.93 284 eP     06 37.70   -0.9
KMI     33.78 273 Pc     06 57.00    1.9
                 PP     08 17.50
GTA     35.21 299 P      07 05.70   -1.4
                 ePP    08 25.60
CHG     39.10 265 eP     07 40.00    0.2
WMQ     44.57 305 eP     08 23.50   -1.0
PKI     48.28 283 eP     08 54.50    0.3
      1.0s     14.00nm          4.9mb
KKN     48.33 283 eP     08 55.00    0.5
      1.1s     32.00nm          5.3mb
WRA     48.49 188 Pd     08 51.10   -4.2X
      0.9s     22.70nm          5.2mb
DMN     48.53 283 eP     08 57.60    1.6
      0.9s     14.00nm          5.0mb
ASPA    52.21 188 eP     09 21.00   -2.7
      1.2s     16.00nm          4.9mb
NDI     54.96 287 eP     09 46.00    2.0
GBA     60.09 270 Pd     10 20.00   -0.4
      0.9s      5.00nm          4.6mb
BOM     62.02 277 eP     10 33.00   -0.4
                 eS     19 02.00
INK     62.42  25 eP     10 35.00   -0.3

                 pP     10 48.00   46kmX
QUE     63.06 291 eP     10 39.00   -1.4
EDM     76.81  36 ePc    12 00.90   -1.7
NEW     76.90  42 eP     12 05.00    0.6
EUR     81.90  49 IP     12 32.50    0.8
      0.6s      3.59nm          4.6mb
BDW     84.27  44 eP     12 44.50    0.7
      1.0s      2.60nm          4.4mb
ZOBO   150.96  71 PKP    20 06.00    6.0X
      1.1s      7.25nm
LPB    151.11  72 ePKP   20 01.00    1.0
CNCB   151.34  72 ePKP   20 04.00    3.4X
CCH    153.16  72 ePKP   20 11.00    8.2X
TPZ    155.26  80 (PKP)  20 09.00    3.3X
      S.D. = 1.3  on  43 of  52 obs.

•  SEP  14, 1985  08h 04m 52.53± 0.72s
   51.403 N ±17.8km  179.259 E ± 7.5km
   DEPTH =  33.0km  (normal)
   4.8mb (  6 obs.)
 RAT ISLANDS, ALEUTIAN ISLANDS    (  6)

ADK      2.57  78 eP     05 34.00    1.3
SMY      3.45 295 e(P)   05 45.00   -0.2
FBA     21.68  39 eP     09 42.70    0.8
MBC     34.04  22 eP     11 36.00    1.0
      0.6s      9.00nm          4.9mb
EUR     45.55  79 eP     13 11.00    0.0
      0.8s      5.90nm          4.6mb
BDW     47.44  71 eP     13 24.50   -1.4
RSON    51.43  54 eP     13 54.00   -2.1
ALQ     54.28  77 eP     14 17.70    0.0
LTX     59.85  80 eP     14 57.50    0.3
NB2     67.50 354 P      15 45.70   -1.2
      0.9s      6.00nm          4.7mb
KKN     71.16 291 eP     16 10.40    0.4
      0.7s     26.00nm          5.4mb
PKI     71.24 291 eP     16 10.80    0.1
      0.8s     17.00nm          5.1mb
QUE     79.39 305 eP     16 57.80    0.9
WRA     81.20 222 Pd     17 06.40    0.2
      0.6s      0.90nm          4.0mb
      S.D. = 1.1  on  14 of  14 obs.

   SEP  14, 1985  10h 01m 12.27± 1.06s
   1.595 N ± 4.2km  126.310 E ± 6.6km
   DEPTH =  62.8 ± 10.4 km
   5.0mb ( 19 obs.)
 MOLUCCA PASSAGE                         (266)

AAI      5.57 160 ePc    02 34.90    0.3
CGP      7.00 347 eP     02 55.00    0.5
                 IS     03 06.50
MKS      9.62 225 eP     03 31.00    0.5
KKM     11.00 294 ePc    03 53.80    4.4X
      0.8s     125.00nm         6.0mb X
MTN     15.12 162 IPd    04 41.90   -1.8
KNA     17.40 172 eP     05 12.00   -0.5
      0.8s     135.00nm         5.2mb
WRA     22.81 160 Pc     06 10.40   -0.4
      0.5s     128.00nm         5.6mb
KGM     22.98 271 ePd    06 15.00    2.5
MBL     23.49 195 eP     06 17.00   -0.3
      0.5s      11.00nm         4.6mb
QIZ     23.68 318 eP     06 19.80    0.7
IPM     25.42 277 ePd    06 34.20   -1.7
ASPA    26.17 164 eP     06 42.00   -0.8
                 eS     11 09.00
PCT     27.82 299 eP     07 00.80    3.0X
NNT     28.51 294 eP     07 03.90   -0.1
LOE     28.82 305 eP     07 05.80   -1.1
CTA     29.10 139 IPd    07 09.80    0.4
      1.0s     11.50nm          4.5mb
                 i      07 13.20
KHT     30.35 297 eP     07 21.20    0.7
GYA     31.11 324 P      07 27.00   -0.2
CHG     31.81 304 iPd    07 33.60    0.2
      0.7s      9.25nm          4.7mb
MRWA    32.19 197 eP     07 37.00    0.5
      0.5s      5.00nm          4.6mb
KMI     32.62 318 eP     07 41.00    0.4
BAL     33.30 195 eP     07 46.50    0.3
      0.5s      5.00nm          4.6mb
MUN     34.74 195 iPd    07 59.10    0.6
NWAO    35.39 193 eP     08 04.00    0.0
CD2     36.14 326 eP     08 10.00   -0.5
XAN     36.14 335 Pc     08 09.40   -1.1

STK     36.31 158 IPc    08 11.20   -0.6
      0.8s     31.00nm          5.3mb
MAT     36.47  16 eP     08 12.00   -1.2
DL2     37.38 354 Pd     08 22.00    1.3
ADE     38.18 163 IPd    08 27.80    0.2
      0.8s     26.87nm          5.2mb
BJI     39.36 348 eP     08 37.50    0.2
SNY     40.13 357 eP     08 44.20    0.7
LZH     40.14 331 IPc    08 44.00    0.0
SHL     40.84 309 IP     08 49.40   -0.4
CN2     42.03 359 eP     08 59.20    0.1
CAN     42.41 152 eP     09 03.70    1.2
MDJ     42.94   3 eP     09 07.60    1.1
WAM     43.08 153 eP     08 53.50  -14.3X
LSA     43.56 313 eP     09 12.10   -0.3
GTA     44.72 331 iPd    09 21.50    0.3
PKI     46.89 307 eP     09 38.60   -0.2
      0.6s     15.00nm          5.1mb
KKN     47.09 307 eP     09 40.00   -0.3
      0.7s     29.00nm          5.3mb
DMN     47.14 307 eP     09 40.80    0.0
      0.9s     37.00nm          5.3mb
KOD     49.28 282 eP     09 58.00    0.5
HYB     49.47 292 eP     09 57.50   -1.2
GBA     49.78 286 Pc     09 59.00   -2.0
      0.7s      6.50nm          4.8mb
POO     54.08 292 eP     10 32.00   -1.2
WMQ     54.24 326 eP     10 33.50   -0.5
MSZ     59.07 146 P      11 07.70   -0.6
GNZ     62.11 136 P      11 28.00   -1.0
AVY     79.72 251 eP     13 17.10    1.4
SBA     82.29 172 e(P)   13 30.00    2.2
NAI     89.54 269 eP     14 10.00    4.8X
      1.0s     35.00nm          5.6mb
SPA     91.58 180 eP     14 17.00    3.6X
      0.8s      1.67nm          4.5mb
SOD     92.27 338 IP     14 16.20   -0.1
KJF     92.32 334 IP     14 16.40   -0.2
      0.7s     12.00nm          5.4mb
SUF     93.25 333 IP     14 21.90    1.0
      0.5s      3.00nm          5.0mb
NUR     94.35 331 IP     14 31.60    5.6X
SLL     99.75 332 eP     14 48.90   -1.7
      0.6s      5.70nm          5.3mb
NB2    100.50 333 Pdiff  14 53.00   -1.0
      0.7s      1.60nm          4.7mb
LTX    123.22  53 ePKP   20 05.50    1.2
TPZ    157.03 150 (PKP)  21 07.00    3.8X
      S.D. = 1.0  on  55 of  62 obs.

•  SEP  14, 1985  10h 03m 21.40± 1.78s
   31.977 S ±10.2km   67.580 W ±19.0km
   DEPTH =  33.0km  (normal)
 SAN JUAN PROVINCE, ARGENTINA            (137)

CFA      0.67 303 IPd    03 38.10    3.6X
                 S      03 50.00
RTCV     0.82 278 IPd    03 37.90    1.3
RTLL     1.00 310 IPd    03 39.90    0.8
RTMO     1.04 297 IPd    03 39.10   -0.6
                 S      03 51.90
RTCB     1.15 295 iPd    03 39.90   -1.4
                 S      03 52.90
RFA      2.88 195 ePc    04 06.00   -0.1
VCA      3.27 350 ePd    04 11.80    0.1
                 S      04 52.00
      S.D. = 1.3  on   6 of   7 obs.

•  SEP  14, 1985  10h 09m 54.61± 1.19s
   50.529 N ±21.6km  178.864 E ±11.8km
   DEPTH =  33.0km  (normal)
   4.4mb (  2 obs.)
 RAT ISLANDS, ALEUTIAN ISLANDS    (  6)

ADK      3.11  62 eP     10 42.40    0.0
SMY      3.70 308 e(P)   10 51.40    0.7
FBA     22.52  38 eP     14 50.70   -1.7
EUR     45.97  78 eP     18 18.00    1.6
      0.7s      2.36nm          4.2mb
BDW     47.97  70 eP     18 32.50    0.4
WRA     80.38 222 Pc     22 03.10   -0.9
      0.7s      3.70nm          4.5mb
      S.D. = 1.5  on   6 of   6 obs.

•  SEP  14, 1985  10h 19m 20.89± 0.92s
   5.650 S ±11.6km  153.156 E ± 8.4km
   DEPTH =  29.5 ±  8.0 km
```

14d 10h

4.7mb (7 obs.)
NEW IRELAND REGION (190)

RAB	1.75	326	iPd	19 49.00	-0.7
	0.5s	197.18nm			
			iS	20 36.00	
BGA	2.07	104	iPd	19 54.00	-0.5
			eS	20 33.00	
PAA	2.41	106	eP	19 59.00	-0.2
			eS	20 47.00	
KVG	3.86	322	eP	20 21.00	1.3
LMG	5.93	237	eP	21 07.00	17.8X
LAT	6.20	269	eP	20 52.00	-0.9
PMG	7.03	238	eP	21 05.00	0.6
VSG	7.42	119	eP	21 14.00	4.0X
			e(S)	22 46.00	
HNR	7.71	120	eP	21 18.00	4.0X
CTA	15.84	204	eP	23 08.00	4.4X
	1.5s	23.61nm		4.1mb	
NOU	20.96	143	iPc	24 17.00	12.9X
MTN	22.87	250	eP	24 26.00	2.8
			eS	28 33.00	
WRA	23.16	230	Pd	24 25.00	-1.1
	0.7s	1.90nm		3.7mb	
ASPA	25.78	224	eP	24 50.00	-1.2
	0.9s	12.00nm		4.5mb	
S8A	72.51	177	e(P)	30 38.50	-7.9X
PKI	73.17	301	eP	30 50.70	-0.9
	1.0s	14.00nm		4.9mb	
KKN	73.34	301	eP	30 51.60	-0.8
	0.9s	16.00nm		5.0mb	
DMN	73.44	301	eP	30 52.60	-0.5
	1.0s	49.00nm		5.5mb	
SPA	84.39	180	eP	31 52.00	0.3
	1.0s	6.50nm		4.8mb	
QUE	89.54	300	eP	32 16.00	-1.5
TPZ	133.33	127	PKP	38 39.50	2.3
LPB	133.63	119	(PKP)	38 28.00	-9.9X
VAO	145.39	146	ePKP	38 58.30	-0.3
			e	39 07.80	
BAO	150.24	136	ePKPd	39 10.90	4.4X

S.D. = 1.4 on 16 of 24 obs.

SEP 14, 1985 10h 34m 35.36± 1.12s
30.658 S ± 5.9km 71.703 W ±11.7km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

JACH	2.23	155	iPd	35 10.90	0.1
			i(S)	35 36.10	
ROCH	2.38	166	iP	35 13.50	0.4
			iS	35 42.50	
PEL	2.63	161	iPd	35 16.30	-0.1
			iS	35 51.80	
RTCB	2.62	109	iPd	35 16.40	0.0
			S	35 49.20	
RTMQ	2.74	109	ePd	35 18.40	0.4
ZON	2.74	110	eP	35 18.00	0.0
RTLL	2.86	164	iPd	35 19.10	-0.6
			S	35 54.50	
BACH	2.88	159	iP	35 20.10	0.1
FCH	2.92	156	iPd	35 21.70	0.9
			iS	35 58.20	
TACH	3.06	168	eP	35 23.00	0.5
CFA	3.12	109	ePd	35 23.60	0.2
			S	36 01.60	
LNV	3.30	176	eP	35 26.00	0.1
			iS	36 10.00	
CHCH	3.38	165	eP	35 27.00	-0.2
VCA	3.60	59	ePd	35 32.20	1.9
			S	36 18.00	
RFA	4.93	147	eP	35 47.20	-1.9
CYA	5.60	68	e(P)	35 56.50	-2.1
ANT	7.02	10	eP	36 30.50	12.0X
SLA	8.07	44	eP	36 34.80	1.4
ZOBO	14.69	14	eP	38 02.00	-1.2
			i	38 39.00	

S.D. = 1.1 on 18 of 19 obs.

& SEP 14, 1985 14h 30m 38.71s
61.978 N 149.829 W
DEPTH = 53.6km
SOUTHERN ALASKA (2)
<AGS-P>.

PWA	0.33	134	iP	30 48.27	-0.2
GHO	0.48	115	iP	30 49.69	-0.4
			iS	30 58.34	
PMR	0.51	139	eP	30 49.65	-0.7
			eS	30 58.40	
PME	0.52	132	eP	30 50.02	-0.4
SML	0.73	103	iP	30 52.59	-0.6
PMS	0.75	170	iP	30 52.87	-0.5
SKT	0.80	271	iP	30 53.32	-0.8
KNK	0.87	130	iP	30 54.50	-0.4
			iS	31 07.23	
PTE	1.18	161	eP	30 58.87	-0.3
SCM	1.19	96	iP	30 59.33	-0.1
CFI	1.27	128	eP	31 00.14	-0.2
CRP	1.32	238	eP	31 01.26	0.0
SPU	1.33	234	iP	31 00.99	-0.3
PWL	1.33	147	iP	31 00.93	-0.4
SLKM	1.49	187	eP	31 02.74	-0.8
GLI	1.72	129	eP	31 06.35	-0.3
			iS	31 28.26	
TOA	1.73	84	iP	31 08.02	1.1
VZW	1.82	119	eP	31 08.15	0.0
VLZ	1.88	115	eP	31 08.31	-0.6
RDT	1.88	223	eP	31 08.46	-0.6
			iS	31 32.05	
SEW	1.89	174	eP	31 11.25	2.2
KLU	1.92	103	eP	31 09.16	-0.5
KNIM	1.92	147	eP	31 08.44	-1.2
FID	2.03	126	eP	31 10.16	-0.9
MTU	2.26	151	eP	31 14.27	-0.1
ILM	2.31	220	eP	31 14.55	-0.6
SGAM	2.68	122	eP	31 21.98	1.7
FBA	3.07	16	eP	31 24.50	-1.4
WAX	3.71	111	eP	31 34.96	0.1
BALM	3.71	101	eP	31 33.14	-1.8

30 obs. associated

SEP 14, 1985 15h 23m 09.51± 0.62s
40.752 N ± 6.7km 29.163 E ± 5.0km
DEPTH = 11.1 ± 6.4 km
4.7mb (1 obs.)
TURKEY (366)

YLV	0.24	139	ePg	23 14.40	-0.4
			eSg	23 16.40	
ISK	0.32	346	iPg	23 16.40	0.1
			iSg	23 20.90	
HRT	0.39	79	iPg	23 17.90	0.3
			iSg	23 24.40	
CTT	0.68	306	iPg	23 22.40	-0.5
			iSg	23 32.40	
BNT	1.03	248	ePn	23 28.90	0.1
EDC	1.07	248	ePn	23 30.00	0.5
DMK	1.51	316	ePn	23 36.30	-0.1
KJF	23.50	358	iP	28 19.80	0.0
	0.5s	12.60nm		4.7mb	

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

* SEP 14, 1985 15h 33m 53.32± 0.78s
39.031 N ± 8.3km 24.599 E ±11.6km
DEPTH = 10.0km (geophysicist)
4.4mb (5 obs.)
AEGEAN SEA (365)
ML 3.1 (ATH).

ATH	1.26	213	ePg	34 18.20	1.4
			eSb	34 34.60	
KZN	2.53	301	ePn	34 49.50	14.4X
VAY	2.77	326	ePn	34 38.40	-0.1
VLS	3.25	256	ePg	34 42.50	-2.9
YER	3.47	122	iPn	34 46.90	-1.6
OHR	3.58	307	iPn	35 02.80	12.7X
SKO	3.80	322	ePn	35 09.50	16.4X
NPS	3.85	168	ePb	34 34.50	-19.4X
			eSn	35 02.00	
TTG	5.29	312	ePn	35 23.00	8.8X
			eSn	36 31.50	
NKY	5.68	313	ePn	35 39.00	19.1X
			eSn	36 40.00	
HCY	5.75	308	ePn	35 29.50	8.7X
			eSn	36 39.00	
BRY	5.99	312	ePn	35 33.00	8.7X
			eSn	36 47.00	
KHC	12.82	326	eP	37 12.40	14.1X
PRU	13.08	330	P	37 15.40	13.7X
GRF	14.30	323	eP	37 28.30	10.6X
DOU	17.98	314	Pc	38 05.70	0.9
UPP	21.31	350	iP	38 43.50	1.4
NUR	21.50	0	iP	38 47.10	3.0X

	0.5s	7.00nm		4.3mb	
SLL	22.61	345	eP	38 55.00	-0.1
	0.3s	4.00nm		4.4mb	
NB2	23.56	344	P	39 05.20	0.8
	0.6s	1.40nm		3.7mb	
SUF	23.74	2	iP	39 07.20	1.1
EKA	24.70	320	Pd	39 14.30	-1.1
	0.6s	7.50nm		4.5mb	
KJF	25.27	3	eP	39 20.00	-0.9
SOD	28.41	2	iP	39 48.90	-0.7
BNG	34.87	191	iPc	40 48.80	1.9
	0.6s	4.00nm		4.5mb	

S.D. = 1.5 on 13 of 25 obs.

* SEP 14, 1985 18h 07m 32.40± 1.76s
32.969 S ± 6.5km 72.416 W ±16.1km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH	1.18	91	iP	07 51.50	-1.4
LNV	1.29	140	iPd	07 54.00	-0.3
			iS	08 10.50	
TACH	1.41	119	iP	07 55.90	-0.2
			iS	08 13.40	
PEL	1.46	97	iPc	07 56.60	-0.2
			iS	08 14.00	
SAN	1.55	109	iPc	07 57.80	-0.2
			iS	08 17.60	
JACH	1.56	80	iP	07 56.80	-1.5
			iS	08 16.00	
BACH	1.66	104	iP	08 00.10	0.4
			iS	08 21.80	
PCH	1.72	113	iPd	08 00.70	0.1
CHCH	1.76	124	iP	08 01.50	0.4
FCH	1.82	102	iPc	08 02.20	0.0
MDZ	3.00	89	eP	08 24.60	5.8X
			i(S)	09 07.70	
RTCB	3.40	65	ePd	08 25.00	0.4
ZON	3.47	67	eP	08 33.00	7.5X
RTLL	3.73	65	e(P)	08 29.40	0.4
RFA	3.75	120	ePd	08 30.30	1.0
CFA	3.79	70	ePd	08 30.70	0.8
VCA	5.56	42	eP	08 55.00	-0.1
			S	10 10.10	
SLA	10.21	38	e(P)	10 01.00	1.2
ZOBO	17.07	14	eP	11 30.00	-0.8

S.D. = 0.8 on 17 of 19 obs.

? SEP 14, 1985 19h 00m 29.61± 7.02s
51.652 N ±41.3km 16.307 E ±42.5km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.4 (GRF).

KSP	0.81	181	iP	00 45.50	0.2
	0.5s	33.00nm			
			iS	00 54.80	
BRG	1.68	243	iPg	00 59.70	0.6
			iSg	01 20.50	
			iSg	07 35.50	
PRU	2.01	215	Pn	01 03.50	-0.4
			ePg	01 05.00	
			Sg	01 29.10	
CLL	2.09	262	ePn	01 05.00	-0.1
			iPg	01 07.80	
			eSg	01 34.00	
KRA	2.80	123	eP	01 27.40	12.1X
			eS	02 04.80	
KHC	3.07	216	iPn	01 19.00	0.0
			Pg	01 24.60	
			Sn	01 44.50	
			Sg	02 08.40	
HOF	3.10	246	iPnc	01 19.30	-0.2
MOX	3.12	253	ePg	01 27.00	7.2X
			iSg	02 07.00	
WET	3.33	222	iPnc	01 22.90	0.1
VKA	3.39	180	ePn	01 30.00	6.3X
			i	01 33.20	
			i	02 16.40	
ZST	3.50	171	eP	02 21.50	56.4X
GRF	3.78	241	ePn	01 29.30	0.1
			e(Pg)	01 41.00	
			e(Sn)	02 10.00	
			eSg	02 28.00	
KBA	4.97	204	iPnc	01 46.10	-0.1
			i	01 54.80	
			e	02 44.00	

i(Sg) 03 04.00
S.D. = 0.3 on 9 of 13 obs.

SEP 14, 1985 19h 04m 25.42± 0.70s
6.677 S ± 7.6km 149.901 E ± 9.1km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
NEW BRITAIN REGION (192)

LMG 2.81 218 iPd 05 10.00 0.8
LAT 2.88 270 eP 05 09.00 -1.0
RAB 3.35 43 eP 05 16.00 -0.7
ALOA 3.63 173 eP 05 20.00 -0.7
PMG 3.84 225 eP 05 27.00 3.3X
KVG 4.17 12 eP 05 29.00 0.6
MDG 4.34 289 eP 05 32.00 1.3
MTN 19.48 250 eP 08 51.00 -1.7
WRA 20.05 227 Pc 08 58.50 -0.3
0.5s 10.30nm 4.4mb
BRS 20.78 173 P 09 07.20 0.8
ASPA 22.84 221 eP 09 28.00 1.0
0.6s 11.00nm 4.5mb
S.D. = 1.2 on 10 of 11 obs.

& SEP 14, 1985 19h 18m 42.20s
34.410 N 119.790 W
DEPTH = 9.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS). Felt (IV)
at Goleta and Santa Barbara.
Felt (III) at Summerland and
Ventura.

SYP 0.19 307 iPd 18 46.20 -0.3
BLP 0.53 287 iPc 18 52.00 -0.8
MWC 1.45 97 eP 19 06.70 -2.0
PHAM 1.51 341 eP 19 07.00 -2.4
ISA 1.65 40 eP 19 10.20 -1.3
WKTM 1.77 38 eP 19 11.70 -1.5
VPEM 2.23 46 eP 19 18.00 -2.0
SDW 2.25 84 eP 19 17.50 -2.8
FRI 2.58 1 eP 19 22.20 -2.6
JAS1 3.55 352 e(P) 19 36.00 -2.5
10 obs. associated

* SEP 14, 1985 19h 38m 19.81± 0.67s
8.720 S ±11.1km 115.685 E ±14.5km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
BALI ISLAND REGION (283)

MKS 5.12 47 eP 39 46.50 10.3X
MBL 13.00 163 eP 41 22.00 -2.9
0.5s 35.00nm 5.7mb X
eS 43 33.00
NAU 13.75 181 iPd 41 35.00 0.2
0.5s 36.00nm 5.4mb X
KNA 14.56 120 eP 41 53.00 7.5X
0.5s 21.00nm 4.9mb X
KKM 14.68 2 eP 41 58.00 10.9X
MTN 15.72 106 eP 42 01.00 0.5
eS 44 44.00
MRWA 20.39 179 eP 42 56.00 -0.7
eS 46 32.00
WRA 21.22 124 Pc 43 04.56 -0.7
0.6s 5.00nm 4.1mb
BAL 21.80 178 eP 43 12.00 1.1
eS 47 03.00
KLB 22.84 175 eP 43 35.00 13.7X
ASPA 22.91 133 eP 43 23.00 0.9
0.7s 75.00nm 5.3mb
eS 47 37.00
MUN 23.15 179 eP 43 26.00 1.7
eS 47 34.00
NWAO 24.13 177 eP 43 35.00 1.2
BRS 39.64 123 iPc 45 51.20 0.7
PKI 46.48 322 eP 46 46.10 -0.2
DMN 46.70 322 eP 46 48.00 0.1
0.7s 9.00nm 4.9mb
KKN 46.72 322 eP 46 48.10 0.1
0.7s 7.00nm 4.7mb
PEL 137.93 172 iPKPd 57 48.90 5.3X
ZON 139.75 174 iPKPc 57 45.40 -1.5
RTMQ 139.79 174 ePKPc 57 45.90 -1.1
VAO 144.19 20[illegible] ePKP 57 52.70 -2.2
FSA 145.37 177 iPKPc 57 48.00 -8.7X
SLA 146.74 178 ePKPd 58 06.20 7.0X
ITR 148.91 237 ePKP 58 05.20 2.4
0.3s 3.20nm
TPZ 149.97 177 ePKP 58 11.00 6.3X
SOB1 150.65 233 iPKPc 58 10.50 5.1X
S.D. = 1.5 on 17 of 26 obs.

* SEP 14, 1985 19h 56m 58.80± 1.06s
28.736 S ±15.1km 67.584 W ±17.4km
DEPTH = 145.8 ± 11.6 km
LA RIOJA PROVINCE, ARGENTINA (138)

VCA 0.54 269 ePd 57 20.00 -0.3
S 57 32.80
CYA 1.60 80 iPc 57 29.50 0.0
S 57 50.20
RTLL 2.70 196 iPc 57 43.00 0.3
S 58 14.90
CFA 2.92 191 ePc 57 45.80 0.3
S 58 20.00
RTCB 2.94 201 iPc 57 46.50 0.7
S 58 19.80
FCH 5.13 206 iPd 58 16.60 1.5
TACH 5.68 210 eP 58 23.00 0.9
RFA 6.06 187 ePd 58 25.80 -1.5
LNV 6.15 211 iP 58 26.50 -1.9
VAO 19.40 78 eP 01 16.10 0.2
BAO 22.30 58 e(P) 01 45.00 0.1
S.D. = 1.2 on 11 of 11 obs.

SEP 14, 1985 21h 19m 31.58± 0.65s
6.479 S ± 6.2km 150.026 E ± 5.7km
DEPTH = 55.1 ± 7.8 km
5.2mb (4 obs.)
NEW BRITAIN REGION (192)

LAT 3.01 267 eP 20 17.00 -0.9
RAB 3.12 43 eP 20 17.00 -2.4
ALOA 3.81 175 eP 20 24.50 -4.7X
KVG 3.96 11 eP 20 32.00 0.8
PMG 4.07 224 iPd 20 32.70 -0.1
MDG 4.40 286 eP 20 39.00 1.6
BGA 5.13 87 eP 20 48.00 0.0
eS 21 47.00
PAA 5.43 88 eP 20 54.00 1.9
CTA 14.01 195 eP 22 49.00 0.0
ISO 17.42 215 eP 23 32.00 -0.4
MTN 19.66 250 iPc 23 58.40 -0.6
RMQ 19.94 183 iPd 24 01.50 -0.3
WRA 20.28 227 Pd 24 04.40 -1.0
0.5s 61.50nm 5.2mb
BRS 20.96 173 iPd 24 11.20 -1.2
KNA 22.78 244 eP 24 31.00 0.5
ASPA 23.07 221 eP 24 34.00 0.7
COO 24.04 176 eP 24 43.00 0.4
CAN 28.72 182 eP 25 26.00 0.2
WAM 29.59 182 eP 25 17.20 -16.4X
NAU 36.91 241 iPc 26 37.40 0.4
0.5s 14.00nm 5.1mb
KLB 39.15 226 iPd 26 55.40 -0.4
0.4s 17.00nm 5.2mb
MUN 40.47 227 iPd 27 07.00 0.3
MAT 44.20 346 eP 27 36.00 -1.0
SBA 71.87 176 e(P) 30 45.90 -4.3X
SPA 83.56 180 eP 31 56.00 1.0
0.6s 10.16nm 5.0mb
KHC 123.89 327 iPKPc 38 25.40 0.2
MEM 126.78 332 PKP 38 32.00 1.4
e 36 40.40
WLF 127.35 331 PKP 38 40.60 8.9X
BNG 131.67 270 iPKPd 38 41.20 0.1
0.5s 8.00nm
ic 38 49.10
VAO 146.32 151 ePKP 39 06.10 -1.4
e 39 09.50
e 39 16.70
BAO 151.69 141 PKPd 39 22.90 6.9X
i 39 30.10
S.D. = 1.0 on 26 of 31 obs.

? SEP 15, 1985 00h 30m 54.66±13.64s
32.797 S ±41.5km 72.829 W ±102.km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH 1.54 97 iP 31 19.50 -0.8
iS 31 35.50
LNV 1.66 135 iPd 31 21.60 -0.2
iS 31 41.00
TACH 1.80 119 iPd 31 23.50 -0.4
iS 31 42.20
PEL 1.83 101 iP 31 24.40 0.0
iS 31 42.00
JACH 1.89 87 iP 31 25.50 0.2
SAN 1.93 110 iP 31 25.90 0.0
iS 31 45.90
BACH 2.04 106 iPc 31 27.50 0.1
iS 31 49.00
PCH 2.11 114 iPd 31 28.60 0.2
iS 31 50.00
CHCH 2.15 122 iP 31 29.20 0.3
i 31 52.00
FCH 2.20 105 iPc 31 30.00 0.1
iS 31 53.50
MDZ 3.35 93 eP 31 53.40 7.4X
iS 32 36.30
ZON 3.73 72 eP 31 57.00 5.6X
S.D. = 0.4 on 10 of 12 obs.

& SEP 15, 1985 00h 40m 28.84s
60.226 N 141.019 W
DEPTH = 10.3km
SOUTHEASTERN ALASKA (19)
<AGS-P>.

GYO 0.24 251 iP 40 33.42 -0.5
iS 40 37.19
YAH 0.39 291 iP 40 37.71 0.9
WRG 0.54 250 iP 40 40.27 0.5
iS 40 50.29
BCPM 0.75 111 iP 40 42.48 -0.9
iS 40 53.66
YKU 0.94 135 eP 40 46.00 -0.7
WAX 0.94 285 iP 40 46.43 -0.3
BALM 1.04 322 iP 40 47.79 -0.8
HMT 1.62 275 iP 40 57.27 -0.2
SGAM 2.10 279 iP 41 04.62 0.2
iS 41 33.59
KLU 2.71 300 eP 41 13.01 -0.3
FID 2.75 283 eP 41 13.71 -0.1
VLZ 2.77 291 eP 41 13.01 -0.9
VZW 2.85 289 eP 41 13.74 -1.5
GLI 3.07 285 eP 41 20.18 1.9
TOA 3.13 309 eP 41 20.00 0.9
MTU 3.33 269 eP 41 20.88 -1.1
KNIM 3.35 275 eP 41 20.69 -1.5
SCM 3.47 300 eP 41 24.35 0.4
PTE 4.01 283 eP 41 29.86 -1.6
GHO 4.15 295 eP 41 35.17 1.5
MPA 4.15 277 eP 41 31.40 -2.2
PME 4.16 293 eP 41 36.00 2.4
PMS 4.32 287 eP 41 36.00 0.0
COL 5.64 329 eP 42 03.00 8.4
TTA 7.65 297 eP 42 24.50 1.6
IMA 8.18 321 eP 42 34.70 4.2
INK 8.74 19 eP 42 38.00 0.0
27 obs. associated

? SEP 15, 1985 00h 59m 23.85± 5.20s
51.548 N ±32.0km 16.195 E ±31.9km
DEPTH = 10.0km (geophysicist)
POLAND (546)

KSP 0.71 175 iP 59 38.00 0.2
0.4s 38.00nm
iS 59 47.50
BRG 1.57 245 iPg 59 52.40 0.6
iSg 00 12.20
PRU 1.88 215 ePn 59 56.30 0.0
Pg 59 58.00
eSn 00 14.80
eSg 00 21.50
i 00 24.70
CLL 2.01 264 iPn 59 57.80 -0.4
iPg 00 02.00
iSg 00 26.00
KHC 2.94 216 Pn 00 11.30 -0.2
Pg 00 17.30
Sn 00 45.20
Sg 00 59.00
HOF 3.00 247 ePn 00 12.00 -0.3
MOX 3.02 254 ePn 00 13.00 0.4
ePg 00 21.00
iSg 00 59.00
WET 3.21 223 iPnc 00 15.20 -0.1

15d 01h

VKA	3.29	179	e(Pn)	00 24.50	8.1X
			i	00 26.30	
			i	00 30.50	
			i	01 08.80	
			i	01 12.50	
GRF	3.67	242	e(Pg)	00 34.00	12.1X
			eSg	01 19.00	
KBA	4.85	204	ePn	00 38.50	-0.2
			e	01 44.00	
			e	01 58.00	
			i	02 03.10	
	S.D. = 0.4		on	9 of 11 obs.	

& SEP 15, 1985 01h 28m 16.76s
59.102 N 136.423 W
DEPTH = 1 9km
5.4mb (68 obs.) 5.9Msz (4 obs.)
SOUTHEASTERN ALASKA (19)
<AGS-P>. ML 5.1 (PMR). Felt (V) at Haines and Gustavus, (IV) at Skagway, Pelican and Juneau. Felt (III) at Auke Bay, Elfin Cove, Kake, Hoonah and Yakutat. Also felt at Whitehorse, Carcross and Haines Junction, Yukon Territory.

YKU	1.75	285	eP	28 48.50	0.2
WHC	1.77	22	Pn	28 48.30	-0.4
BCPM	1.85	299	iP	28 49.13	-0.6
SIT	2.13	164	eP	28 53.40	-0.4
GYO	2.77	294	eP	29 01.88	-1.1
WRG	3.00	291	iP	29 05.93	-0.4
			iS	29 47.23	
CTGM	3.09	339	iP	29 06.25	-1.4
			iS	29 50.80	
SNH	3.43	291	eP	29 11.66	-0.8
WAX	3.52	295	eP	29 12.16	-1.5
BALM	3.55	306	eP	29 12.50	-1.6
MID	5.10	278	eP	29 34.10	-1.9
TOA	5.67	306	eP	29 42.20	-1.9
KNIM	5.86	287	iP	29 42.00	-4.7
GBY	5.99	288	iP	29 45.60	-3.0
PME	6.75	297	eP	29 57.10	-2.1
PMR	6.78	297	P	29 58.00	-1.7
COL	7.89	322	eP	30 12.00	-3.3
	0.7s	23.97nm		5.5mb	
FBA	7.89	322	eP	30 12.00	-3.3
KDC	8.54	268	eP	30 20.60	-3.7
INK	9.33	7	eP	30 32.00	-3.2
PHC	9.87	145	eP	30 41.00	-1.6
	1.0s	223.00nm		6.6mb X	
TTA	10.23	300	eP	30 44.00	-3.8
IMA	10.55	319	eP	30 50.30	-1.9
YKA	11.17	63	eP	30 58.10	-2.3
RSNT	11.17	63	P	30 56.60	-3.8
YKC	11.22	63	eP	30 57.00	-4.2
PNT	13.84	128	eP	31 37.00	0.8
EDM	14.10	105	eP	31 38.60	-1.0
NEW	15.70	125	iPc	32 01.60	1.1
			eLg	36 36.00	
YKM	15.85	121	iPd	32 03.20	0.6
			iS	36 40.00	
RXF	16.11	120	eP	32 09.30	3.5
			iS	36 54.40	
LDM	16.33	121	iPc	32 11.30	2.7
			eS	36 50.40	
LHD	16.37	122	iPd	32 12.00	2.8
			iS	36 56.70	
CLX	16.59	122	eP	32 14.00	1.9
			eS	36 58.00	
SES	16.95	110	ePc	32 14.20	-2.3
	1.0s	230.00nm		5.3mb	
MFW	17.09	133	eP	32 19.50	1.3
MBC	18.24	13	eP	32 28.00	-4.3
	0.5s	74.00nm		5.1mb	
FFC	19.16	88	eP	32 41.10	-2.6
HRY	19.19	119	eP	32 43.70	-0.6
BUT	19.40	122	eP	32 47.30	0.4
LRM	19.60	122	eP	32 48.30	-1.0
LCCM	19.84	121	ePc	32 50.60	-1.2
SXM	19.90	120	ePc	32 51.60	-0.8
FHC	19.93	151	eP	32 53.90	1.4
CCMT	20.14	124	eP	32 54.20	-0.7
WDC	20.51	149	iPc	32 59.50	0.9
MIN	20.99	147	iPc	33 04.40	0.7
HPI	21.02	127	eP	33 04.60	0.4
GAS	21.33	150	eP	33 07.90	0.7
BMN	22.28	139	eP	33 18.00	1.3
	1.2s	36.29nm		4.7mb	
BKS	23.13	150	e(P)	33 27.00	2.1
			e	33 32.50	20kmX
BDW	23.28	123	eP	33 28.20	1.6
	1.2s	115.94nm		5.3mb	
EUR	23.56	137	ePd	33 30.00	0.6
	1.0s	59.62nm		5.1mb	
JAS1	23.57	147	iPc	33 30.50	1.3
ARN	23.81	150	eP	33 33.40	1.8
	0.9s	8.00nm		4.3mb X	
RSSD	24.76	113	eP	33 41.40	0.5
	1.1s	58.14nm		5.2mb	
PRI	25.18	149	eP	33 47.10	2.2
RSON	25.47	90	eP	33 47.30	-0.1
	1.0s	60.00nm		5.3mb	
ISA	26.24	145	eP	33 55.00	0.2
CLC	26.36	144	eP	33 57.00	1.1
GSC	27.08	143	eP	34 03.00	0.5
SBB	27.34	145	eP	34 05.00	0.2
GOL	27.62	121	eP	34 07.80	0.2
	1.3s	72.92nm		5.3mb	
GLD	27.64	121	eP	34 08.50	0.8
	1.0s	40.00nm		5.2mb	
MWC	27.70	146	eP	34 09.00	0.7
PAS	27.74	146	eP	34 10.00	1.6
TPC	28.42	143	eP	34 15.00	0.4
PLM	28.87	145	eP	34 18.00	-0.8
LHC	29.24	90	eP	34 21.50	-0.3
GLA	29.78	142	eP	34 26.00	-0.8
ALE	29.80	15	iPc	34 24.80	-1.8
	1.0s	36.00nm		5.2mb	
ALQ	31.17	128	eP	34 39.00	-0.3
	1.2s	46.88nm		5.3mb	
FRB	31.39	52	eP	34 40.00	-0.7
	1.0s	54.00nm		5.4mb	
TDM	31.76	137	P	34 45.10	0.8
OCO	34.63	116	ePc	35 09.40	0.3
TUL	35.10	113	iPc	35 12.70	-0.5
	1.1s	167.00nm		5.8mb	
RLO	35.26	112	iPc	35 13.80	-0.8
VVO	35.60	114	iPc	35 16.90	-0.5
FVM	36.08	105	eP	35 20.00	-1.4
	1.0s	35.00nm		5.1mb	
SCH	36.64	65	eP	35 25.00	-1.0
ELF	36.86	91	P	35 29.80	1.8
DLA	36.97	91	P	35 30.25	1.4
LDN	37.04	91	P	35 30.00	0.5
LTX	37.21	129	eP	35 31.70	0.6
	1.0s	44.00nm		5.2mb	
JCT	37.83	123	iP	35 35.90	-0.4
	1.1s	25.32nm		4.9mb	
Z	22s	4.07um		5.2Msz	
OTT	38.21	83	ePc	35 38.80	-0.5
	1.1s	49.00nm		5.1mb	
DAG	38.89	19	iPd	35 41.30	-3.3
	0.7s	37.67nm		5.1mb	
MNT	39.21	82	iP	35 47.00	-0.6
HNME	41.61	77	eP	36 07.40	0.0
	1.0s	9.50nm		4.5mb	
BLA	41.74	96	P	36 08.40	-0.2
	0.9s	73.59nm		5.4mb	
			pP	36 14.60	21kmX
PRM	43.18	101	eP	36 19.60	-0.8
			epP	36 25.10	18kmX
STJ	48.03	65	eP	36 58.00	-0.9
KEV	50.89	7	iP	37 18.00	-2.5
	0.7s	38.70nm		5.4mb	
			i	37 22.00	13kmX
SOD	53.22	8	iP	37 35.50	-2.5
			i	37 39.00	12kmX
KJF	56.43	8	iP	37 59.00	-2.5
	1.1s	64.80nm		5.6mb	
SUF	57.77	9	iP	38 08.50	-2.5
	0.8s	8.30nm		4.8mb	
ELO	58.78	28	ePc	38 16.00	-2.2
HFS	58.83	17	eP	38 15.60	-2.9
	0.7s	15.50nm		5.2mb	
EAB	58.88	29	iPc	38 16.90	-2.0
	0.8s	29.00nm		5.4mb	
EBH	59.03	28	iPc	38 17.90	-2.0
	0.8s	35.00nm		5.5mb	
EDI	59.40	28	iPc	38 20.40	-2.1
	0.8s	32.00nm		5.5mb	
EBL	59.57	28	iPc	38 21.80	-1.9
UPP	59.65	15	iP	38 21.40	-2.7
NUR	59.81	11	iP	38 22.30	-2.9
	1.0s	46.00nm		5.6mb	
			i	38 26.20	13kmX
EKA	59.94	29	Pd	38 24.70	-1.5
	1.1s	68.30nm		5.7mb	
ESK	59.95	29	eP	38 24.00	-2.2
	1.0s	120.00nm		6.0mb	
MUD	61.57	21	iPd	38 36.10	-1.1
	1.0s	20.00nm		5.3mb	
WIT	64.52	24	ePKP	38 56.50	-0.2
WTS	65.32	24	ePKP	39 00.50	-1.4
	1.0s	17.00nm		5.2mb	
			e	39 04.50	13kmX
UPA	65.71	115	eP	39 02.80	-2.1
	1.0s	44.00nm		5.6mb	
UCC	65.91	26	P	39 05.00	-0.7
SNF	66.16	26	P	39 06.00	-1.3
ENN	66.28	25	iPKPc	39 06.50	-1.6
	1.0s	65.00nm		5.8mb	
			e	39 10.00	11kmX
MEM	66.45	25	Pc	39 07.30	-1.8
			e	39 11.20	13kmX
DOU	66.62	26	P	39 08.50	-1.7
FLN	66.62	30	iPc	39 08.90	-1.4
	1.0s	25.00nm		5.4mb	
GRR	66.87	30	iPc	39 10.50	-1.4
	0.8s	19.30nm		5.4mb	
LDF	66.87	30	iPc	39 10.30	-1.6
	1.1s	36.60nm		5.5mb	
LPF	67.15	31	iPc	39 12.40	-1.2
	0.8s	21.10nm		5.4mb	
CLL	67.18	20	ePc	39 11.00	-2.8
	1.2s	29.00nm		5.4mb	
WLF	67.37	25	Pc	39 07.70	-7.3
			e	39 13.90	20kmX
			ec	49 33.50	
MOX	67.56	21	iPc	39 14.50	-1.7
	1.2s	51.00nm		5.6mb	
BRG	67.76	20	iPc	39 15.50	-2.0
	1.2s	41.00nm		5.5mb	
			i	39 42.00	105kmX
			e	41 14.40	
			e	58 24.00	
			e	64 44.00	
HOF	67.92	21	eP	39 16.50	-2.1
KSP	68.18	18	iPc	39 18.50	-1.7
	1.0s	31.00nm		5.5mb	
			id	39 22.00	11kmX
			e	47 56.50	
GRF	68.39	22	iPc	39 20.20	-1.3
	1.1s	32.00nm		5.5mb	
Z	21s	9.00um		6.0Msz	
MFF	68.70	31	iPc	39 22.00	-1.4
	1.0s	38.00nm		5.6mb	
PRU	68.72	20	P	39 22.00	-1.5
			e	39 25.50	11kmX
BUH	68.76	24	eP	39 22.50	-1.3
CDF	68.80	25	eP	39 22.90	-1.2
	1.0s	32.00nm		5.5mb	
GRC	68.88	28	iPc	39 23.00	-1.4
HAU	68.98	26	eP	39 23.70	-1.4
	0.9s	24.50nm		5.4mb	
LOR	69.09	28	iPc	39 24.40	-1.4
	0.9s	30.30nm		5.5mb	
SSF	69.20	28	iPc	39 25.10	-1.4
WET	69.23	21	iPc	39 25.40	-1.3
BSF	69.24	26	eP	39 25.30	-1.5
	0.9s	31.80nm		5.5mb	
KHC	69.37	21	iPc	39 26.20	-1.3
	1.0s	39.00nm		5.5mb	
LBF	69.39	28	iPc	39 26.00	-1.6
	0.9s	11.80nm		5.1mb	
AVF	69.42	28	iPc	39 26.10	-1.6
	1.0s	48.60nm		5.6mb	
LSF	69.46	30	iPc	39 26.40	-1.7
	0.8s	11.20nm		5.1mb	
KRA	69.50	16	eP	39 26.40	-1.9
Z	25s	5.40um		5.7MszX	
N	20s	4.20um			
E	20s	5.80um			
			e	39 30.30	13kmX
BGF	69.51	29	iPc	39 26.70	-1.6
	0.8s	40.70nm		5.7mb	
TCF	69.60	29	iPc	39 27.40	-1.5
	0.9s	29.50nm		5.5mb	
SMF	69.67	28	iPc	39 27.60	-1.7
	0.8s	16.80nm		5.3mb	

15d 01h

SLE	69.67	24	eP+	39	28.00	-1.4	BFS	145.76	27	ePKP	47	55.40	-2.8	NAU	27.20	226	eP	35	09.40	0.1
MZF	69.76	29	eP	39	28.20	-1.7		1.2s		225.00nm					0.8s		76.00nm			5.5mb
	1.0s		25.90nm			5.3mb	EVA	145.88	24	ePKP	47	57.00	-1.5	BRS	28.03	147	iPd	35	14.20	-2.6
FUR	69.86	22	iPc	39	29.40	-1.1	PRY	145.94	26	iPKPd	47	57.00	-1.6	STK	28.10	170	eP	35	15.00	-2.3
ZUL	69.92	25	eP+	39	29.40	-1.5		1.0s		40.00nm				CMS	28.71	163	eP	35	19.00	-3.8X
RJF	70.34	30	eP	39	31.80	-1.6	SEK	147.32	27	ePKP	47	40.00	-20.7	COO	30.20	152	eP	35	37.00	0.7
	1.0s		18.00nm			5.2mb		1.3s		86.54nm				ADE	30.81	176	iPc	35	40.60	-1.0
SAX	70.34	24	eP+	39	32.50	-1.3	JOZ	147.36	19	ePKP	48	04.70	4.1		1.0s		320.00nm			6.2mb
SPC	70.40	16	eP	39	32.70	-1.3		0.9s		57.14nm				MRWA	31.52	215	eP	35	47.00	-0.8
LFF	70.48	31	iPc	39	33.10	-1.1	SUR	149.22	40	ePKP	48	07.10	3.4	KOU	31.82	123	iPc	35	48.30	-2.3
	1.0s		31.50nm			5.4mb		0.7s		30.14nm				YOU	32.09	161	eP	36	09.00	16.2X
BHG	70.60	21	iPc	39	33.60	-1.4		Z 23s		13.03um			6.7MszX	8AL	32.18	213	eP	35	53.00	-0.6
LLS	70.63	24	eP+	39	34.50	-1.0	TUH	149.49	43	iPKPc	48	07.00	3.2		0.5s		18.00nm			5.3mb
VKA	70.69	19	e(P)	39	33.50	-2.0		1.1s		25.32nm							e	42	28.00	
			e	40	27.50	230kmX		202 obs. associated						KLB	32.41	210	eP	35	56.30	0.7
			e	48	03.00									CAN	33.24	161	eP	36	01.40	-1.5
LPO	70.83	31	iPc	39	35.10	-1.3		SEP 15, 1985 01h 29m 23.31± 0.17s									i	36	06.30	
	0.9s		32.70nm			5.5mb		4.090 S ± 4.2km 136.243 E ± 4.1km									e	40	20.80	
CAF	70.83	30	iPc	39	34.90	-1.6		DEPTH = 10.0km (geophysicist)						BFD	33.43	171	eP	36	04.00	-0.4
	1.0s		28.00nm			5.3mb		5.7mb (27 obs.) 6.3Msz (19 obs.)						KGM	33.46	280	ePd	36	07.80	2.8
ZST	70.88	18	iPc	39	35.60	-1.1		WEST IRIAN REGION					(196)				e	36	28.10	
			e	48	04.00			Ms 6.3 (PAS), 5.9 (8RK).						MUN	33.51	212	eP	36	07.00	1.8
			e	49	55.00			CENTROID, MOMENT TENSOR (HRV)									e	37	05.00	
DIX	71.04	26	eP+	39	37.60	-0.4		Data Used: GDSN						QZH	33.57	330	eP	36	04.00	-1.8
OSS	71.05	24	eP+	39	37.20	-0.7		L.P.B.: 20S, 43C									PP	37	15.00	
OGA	71.06	23	iPc	39	37.00	-1.0		Centroid Location:									S	41	18.00	
	1.3s		28.00nm			5.2mb		Origin Time 01:29:31.9 0.2						NWAO	33.75	210	eP	36	08.00	0.8
MMK	71.19	25	eP+	39	38.50	-0.4		Lat 4.05S 0.03 Lon 136.51E 0.03						HKC	33.97	321	P	35	50.00	-19.3X
SOP	71.29	19	iPc	39	37.90	-1.3		Dep 10.0 FIX Half-duration 4.9						HKC	33.97	321	eP	36	07.00	-2.3
	1.2s		26.40nm			5.2mb		Moment Tensor; Scale 10**25 D-CM									eS	41	40.00	
KBA	71.30	21	iPc	39	38.20	-1.3		Mrr= 0.33 0.06 Mtt=-1.03 0.07						WAM	34.01	162	eP	35	51.50	-17.9X
	0.9s		53.20nm			5.6mb		Mff= 0.70 0.10 Mrt= 2.07 0.17									e	35	55.60	
			i	39	41.80	12kmX		Mrf=-1.03 0.20 Mtf= 2.49 0.05						PVC	34.20	116	iPc	36	15.00	3.6X
			i	40	06.10			Principal Axes:						TOO	34.38	167	eP	36	12.00	-0.7
			e	48	07.00			T Val= 2.57 Plg=16 Azm=312						NOU	34.41	124	iPc	36	13.00	-0.1
			i	48	20.00			N 1.44 57 68						QIZ	34.69	312	eP	36	15.50	0.0
			i	49	08.90			P -4.01 28 214									S	41	37.00	
			i	49	17.10			Best Double Couple:Mo=3.3*10**25						RKG	34.78	209	eP	36	25.00	8.8X
			e	51	42.00			NP1:Strike=356 Dip=59 Slip=-171						GZH	35.06	321	P	36	21.00	2.4
TMA	71.33	25	eP+	39	38.30	-1.4		NP2: 261 82 -32									PP	37	39.00	
LPG	71.44	26	iPc	39	39.80	-0.7								PPI	35.99	275	ePc	36	27.50	0.8
	1.3s		66.80nm			5.6mb	MNDI	7.67	106	eP	31	20.00	2.0		0.8s		23.00nm			5.1mb
SRO	71.45	18	eP	39	39.30	-0.8	AAI	8.04	273	ePd	31	10.40	-12.6X				e	46	00.00	
			e	48	01.50		MDG	9.58	97	eP	31	43.00	-1.2	IPM	36.22	283	ePd	36	27.70	-1.0
PSZ	71.58	17	iP	39	39.90	-1.1	MTN	10.06	210	iPd	31	49.80	-1.2				e	36	53.30	
	1.0s		33.50nm			5.4mb	LAT	11.01	104	eP	32	05.00	1.1	SNG	37.28	287	eP	36	38.00	0.5
EPF	72.14	32	eP	39	42.50	-1.9	PMG	12.05	117	eP-	32	17.00	-1.1	SSE	37.82	339	eP	36	42.20	0.4
MLS	72.41	31	iPc	39	44.40	-1.5	KNA	13.72	212	eP	32	37.00	-3.4X				PP	38	12.00	
			e	39	48.60	14kmX				eS	35	05.00					ScS	46	46.00	
			e	39	56.10		ALOA	15.31	115	eP	33	03.50	2.2	PSI	37.90	280	ePc	36	43.50	0.8
			e	48	32.80		DAV	15.38	316	eP+	33	02.00	-0.2		0.9s		8.50nm			4.5mb X
			e	50	07.00		WRA	15.87	187	Pd	33	02.20	-6.3X				e	42	52.50	
VOY	72.42	21	eP	39	43.50	-2.5		0.6s		11.30nm			4.2mb X				e	48	00.00	
LJU	72.52	21	ePc	39	44.10	-2.4	RAB	15.89	91	e(P)	33	13.00	4.3X	MED	38.29	281	e(P)	36	52.00	6.0X
CDR	72.93	28	ePc	39	41.10	-7.8	MKS	16.76	266	ePd	33	24.00	4.2X	SHK	38.56	355	eP	36	47.60	-0.4
			e	39	48.10	23kmX		1.0s		915.30nm			5.9mb	PCT	39.24	299	eP	36	55.50	1.6
FRF	73.24	27	iPc	39	49.70	-1.1	ISQ	16.84	169	eP	33	16.00	-4.8X	NJ2	39.56	337	Pc	36	57.00	0.6
	0.8s		19.00nm			5.2mb	CGP	16.97	317	iPc	33	22.50	0.0				S	42	55.00	
LRG	73.28	27	iPc	39	50.20	-0.7				iS	34	04.00		SRY	39.59	4	eP	37	02.20	5.6X
LMR	73.43	27	eP	39	50.80	-1.0	CTA	18.66	149	iPc+	33	41.80	-1.7	NNT	39.88	295	eP	37	00.00	0.7
	1.0s		32.00nm			5.4mb				iS	37	04.00		TAU	39.89	167	eP	37	01.00	2.0
TOL	73.78	36	eP	39	50.30	-3.6	BGA	18.97	97	eP	33	48.00	0.5				eS	43	04.00	
VRI	74.47	12	eP	39	46.50	-11.4	PAA	19.29	97	iPd	33	52.00	0.6	DDR	39.97	4	eP	37	01.40	1.6
			e	47	15.00					eS	34	06.00		LOE	40.21	303	eP	37	02.00	0.0
BEO	74.69	17	i(P)	39	58.10	-1.0	BKB	19.51	278	iPc	33	59.50	5.7X	TSK	40.25	5	eP	37	00.70	-1.4
MLR	74.76	13	iPd	39	58.00	-1.7		1.1s		1070.00nm			6.0mb	WHN	40.30	330	Pc	37	02.00	-0.5
			e	47	05.00		GUA	19.51	26	eP	33	54.50	0.6				S	43	07.00	
CLO	74.78	15	iPc	39	58.00	-1.7		1.3s		1046.15nm			6.0mb	MAT	40.46	2	eP	37	03.00	-0.8
CRT	76.39	37	iP	40	09.30	0.3	ASPA	19.59	186	eP	33	51.00	-3.8X		1.1s		27.85nm			4.9mb
VTS	77.26	15	iP	40	12.00	-1.7	CNP	20.11	325	iPd	33	50.00	-10.2X		Z 20s		16.13um			5.9Msz
SKO	77.63	17	iPc	40	14.00	-1.7	PPR	22.23	308	ePc	34	21.50	-0.4				eS	43	18.00	
	Z 21s		4.80um			5.8Msz		1.1s		304.00nm			5.7mb	NST	40.78	300	eP	37	07.40	0.8
	N 21s		4.14um				KKM	22.39	297	ePc	34	27.00	3.4X	GYA	41.73	318	P	37	14.20	-0.3
	E 19s		3.57um					1.2s		348.80nm			5.7mb				PPP	39	24.00	
JMB	77.82	13	eP	40	15.00	-1.7	MBL	23.29	222	eP	34	32.00	-0.2	KHT	41.76	297	eP	37	16.00	1.3
OHR	78.37	17	eP	40	18.20	-1.7	TRT	23.75	260	ePd	34	37.00	0.2	BOT	42.44	301	eP	37	17.00	-3.2X
VAY	78.43	16	iP	40	19.20	-0.9		0.7s		112.20nm			5.5mb		0.8s		26.00nm			5.0mb
KDZ	78.49	14	eP	40	20.00	-0.5	VSG	23.86	104	eP	34	37.00	-0.9	NDF	42.56	112	eP	37	23.00	1.8
ZNT	88.73	7	iP	41	12.00	-0.9	QCP	23.92	321	eP	34	44.00	5.6X	SGE	42.96	111	eP	37	30.00	5.4X
JER	89.20	7	iP	41	12.00	-3.2	MAN	23.94	321	ePc	34	38.50	-0.1	CHG	43.21	303	iPc	37	25.20	-1.3
TZZ	90.56	261	eP	41	41.50	19.8	SVO	23.94	103	eP	34	38.00	-0.6		1.1s		107.59nm			5.5mb
PRNI	90.61	7	eP	41	20.00	-1.8	HNR	24.12	104	eP	34	40.00	-0.4				eS	43	28.00	
SOB1	100.68	90	ePdiff	42	01.50	-6.3	RMQ	25.29	153	eP	34	51.00	-0.6	VUN	43.55	112	eP	37	32.00	2.7
WIN	138.92	39	e(PKP)	47	43.00	-3.5	BAG	25.59	323	eP	34	53.80	-0.8	SVA	43.57	112	eP	37	27.00	-2.5
SLR	144.97	24	ePKP	47	54.50	-2.4	CVP	25.91	327	ePd	34	59.20	1.8	KMI	43.61	313	Pc	37	29.00	-1.0
	0.9s		130.25nm					1.0s		132.00nm			5.6mb				PP	39	07.00	
	Z 20s		4.26um			6.2Msz	SZP	26.56	325	ePd	35	08.00	4.6X				PPP	39	39.00	

15d 01h

TIA	43.90	338	eP	37	31.70	-0.2			1.3s	153.85nm		6.1mb	SKO	111.05	314	ePKP	47	47.50	-11.5X
			eS	43	59.70			Z	22s	10.00um		6.2Msz				e	47	59.00	
DL2	44.86	344	eP	37	37.00	-2.6					eS	53 00.00				i	48	43.30	
CRZ	45.32	136	P	37	45.00	1.6	FBA	87.76	24	eP	42	13.60	0.1	PRU	113.11	323	ePKP	47	50.50	-12.1X
XAN	45.86	328	iPc	37	45.80	-1.9		1.0s	62.50nm			5.9mb		Z	19s	6.00um			6.2Msz	
			S	44	30.00		TEH	88.19	306	e(P)	42	15.00	-1.3	N	19s	4.20um				
CD2	46.61	321	eP	37	52.80	-0.9	SYO	88.63	201	eP	42	20.00	2.4	E	21s	3.00um				
TIY	47.11	334	eP	37	56.50	-1.0	BCPM	90.56	30	eP	42	31.40	4.6X			e	48	07.50		
SNY	47.13	347	eP	37	58.00	0.5	KER	91.57	304	eP	42	34.00	1.8			e	48	58.00		
SAP	47.15	5	eP	38	01.00	3.3X	BHD	93.77	303	eP	42	44.00	1.9	BRG	113.11	324	ePdiff	44	14.20	5.7X
BJI	47.63	339	eP	38	01.00	-0.5				e	53	16.00		BRG	113.11	324	ePKP	48	13.60	11.0X
CN2	48.65	350	Pc	38	06.00	-3.4X				e	53	55.00			1.0s	10.00nm				
			eS	45	08.00		MSL	94.89	306	eP	42	48.00	0.8			e	48	56.00		
MSZ	49.05	150	P	38	11.80	-0.7				e	53	26.50		CLL	113.47	325	ePKP	48	09.00	5.7X
KRP	49.17	139	P	38	14.40	0.9	NAI	99.32	268	eP	43	13.00	5.0X		0.9s	11.00nm				
HHC	50.10	336	eP	38	20.60	-0.2	NAI	99.32	268	eP	43	24.00	16.0X	KHC	114.02	323	ePKP	48	02.30	-2.3
LZH	50.16	326	P	38	21.00	-0.3	KEV	100.42	340	iPdiff	43	16.80	5.3X	N	20s	2.80um				
			PP	40	18.00			0.8s	17.60nm			5.7mb		E	20s	2.50um				
TCW	50.26	143	P	38	21.50	-0.3		Z	22s	11.20um		6.3Msz				e	48	06.70		
BTO	50.55	334	Pd	38	23.00	-1.1					ePP	47 15.00				e	49	11.50		
			PP	40	19.50						eSKS	54 00.00		GOL	114.26	48	PKP	48	03.00	-2.7
			ScS	48	04.00						ePS	56 24.00			Z 20s	4.50um			6.1Msz	
WEL	50.60	143	eP	38	23.00	-1.4					eSS	01 48.00		GLD	114.36	48	PKP	48	03.00	-2.7
			S	45	39.00						LR	30 40.00			Z 22s	6.95um			6.2Msz	
			(SS)	50	03.00		SNA	100.76	193	e(Pdif	43	18.00	5.0X	MOX	114.55	325	e(PKP)	48	09.00	3.5X
MNG	50.65	141	P	38	22.40	-2.4	SOD	101.24	338	iPdiff	43	14.40	-0.8		Z 21s	11.70um			6.5Msz	
GNZ	51.20	138	eP	38	29.00	0.0				e	46	24.00			N 21s	9.80um				
AGT	51.89	305	eP	38	36.00	1.6				e	47	42.00			E 21s	4.10um				
SHL	52.14	307	iP	38	35.00	-1.6	BKS	101.59	52	ePdiff	43	20.80	3.3X	LJU	114.58	319	e(PKP)	48	07.00	1.3
			iS	46	00.00			1.0s	65.00nm			6.2mb				e	49	17.60		
AFI	52.16	104	P	38	37.00	0.3		Z	20s	7.00um		6.2Msz		ALQ	114.60	53	e(PKP)	48	06.00	-0.3
LSA	54.71	311	eP	38	55.90	0.1		N	20s	1.20um					Z 20s	9.40um			6.4Msz	
GTA	54.76	326	iPc	38	54.80	-0.9		E	20s	3.60um				VOY	115.00	320	e(PKP)	48	07.50	0.9
VIS	56.53	294	iP	39	12.00	3.4X					iS	54 02.00		TRI	115.21	319	ePKP	48	12.70	5.9X
PKI	58.22	306	iPd	39	19.60	-1.2					e(PS)	56 40.00					ePP	49	12.00	
KKN	58.42	306	iPd	39	21.20	-0.9					eLR	15 28.00					iPPP	51	43.20	
DMN	58.48	306	iPd	39	21.90	-0.7	KJF	101.68	335	iPdiff	43	18.00	0.8				iPS	58	49.00	
KOD	60.23	284	eP	39	34.00	-0.9		0.9s	30.40nm			5.9mb					eSPP	00	12.00	
			eS	47	48.00			Z 20s	17.50um			6.6Msz					eSS	05	08.00	
HYB	60.79	292	eP	39	37.00	-1.3					i	43 23.20					eSSS	10	26.00	
GBA	60.94	288	Pd	39	39.70	0.4					ePP	47 03.00		MEM	117.72	327	PKP	48	13.40	2.0
	1.3s	67.10nm				5.6mb					eSKS	54 08.00		FRB	117.79	12	ePdiff	44	29.00	0.1
DRV	62.52	178	eP	39	48.50	-0.6					ePS	56 44.00			1.8s	239.00nm				
			e	12	45.60						eSS	02 52.00		BNG	117.88	273	ePKPd	47	42.90	-30.0X
WMO	64.59	323	Pd	40	04.00	0.7					LR	31 40.00			1.1s	33.00nm				
			iS	48	44.80		MIN	101.90	50	ePdiff	43	23.50	4.5X				id	48	11.90	
DDI	65.22	306	eP	40	07.00	-0.6	SUF	102.75	334	iPdiff	43	23.50	1.4				ic	49	28.20	
			eS	48	58.00			0.7s	9.20nm			5.6mb		LTX	118.11	59	ePKP	48	13.90	0.9
NDI	65.34	304	eP	40	06.00	-2.3	JAS1	103.02	52	e(Pdif	43	22.00	-1.9		1.0s	5.00nm				
NDI	65.34	304	iP	40	09.00	0.7	NUR	104.07	332	iPdiff	43	35.10	7.1X	SNF	118.71	327	PKP	48	16.90	3.6X
			iPcP	40	44.00			0.8s	30.90nm			6.2mb		DOU	118.76	327	PKP	48	15.00	1.5
			iS	48	52.00			Z 20s	10.40um			6.4Msz		HAU	118.82	324	ePKP	48	13.50	-0.2
			iPS	49	11.00					LR	34 20.00				0.6s	7.20nm				
			iSS	53	21.00		NUR	104.07	332	iPdiff	43	31.60	3.6X	LOR	120.65	324	ePKP	48	17.50	0.3
POO	65.41	292	iPd	40	08.50	-0.4		0.8s	33.70nm			6.2mb		FRF	120.72	319	ePKP	48	15.80	-1.6
			iS	49	04.00			Z 20s	10.30um			6.4Msz			1.0s	30.40nm				
BOM	66.44	293	eP	40	26.00	10.6X					i	43 35.10		LBF	120.73	324	ePKP	48	17.60	0.2
			eS	48	50.00						eSKS	54 20.00		SSF	120.96	324	ePKP	48	18.20	0.4
ADK	68.56	29	eP	40	31.00	2.8					eS	55 22.00			0.9s	17.20nm				
HON	69.12	65	P	40	50.00	17.8X					ePS	57 10.00		SMF	120.98	324	ePKP	48	17.90	0.1
OPA	69.20	65	P	40	37.00	4.3X					eSS	02 46.00		GRC	121.09	325	iPKPc	48	22.20	4.2X
KSH	70.23	314	eP	40	40.00	1.1					eSS	03 12.00		JCT	121.11	57	ePKP	48	15.00	-3.6X
PPN	73.84	107	eP	41	11.00	10.5X					LR	34 20.00			1.0s	47.50nm				
	0.8s	55.00nm					NEW	104.10	41	Pdiff	43	14.00	-14.5X	AVF	121.19	324	ePKP	48	18.00	-0.2
TVO	74.01	107	eP	41	10.00	8.3X		Z 20s	9.00um			6.3Msz		BGF	121.61	324	ePKP	48	19.20	0.2
	0.8s	75.00nm			5.8mb		ISA	104.79	54	ePdiff	43	44.00	12.1X		1.0s	25.00nm				
QUE	74.34	303	eP	41	02.00	-1.6	BUL	105.05	248	ePdiff	43	39.00	5.5X	MZF	121.95	324	ePKP	48	19.90	0.2
			eS	50	40.00		PAS	105.18	56	ePdiff	43	37.00	3.4X	TCF	122.13	324	ePKP	48	20.30	0.2
PMO	75.30	104	eP	41	15.00	6.0X					eSKS	54 12.00			0.9s	20.40nm				
	0.8s	45.00nm			5.6mb						ePS	57 20.00		LSF	122.55	324	ePKP	48	20.80	0.0
SBA	75.45	174	eP	41	06.90	-1.9					ePKKP	59 19.00			1.0s	13.90nm				
	1.0s	3.00nm			4.3mb	X					eSS	02 56.00		CAF	122.94	323	ePKP	48	20.70	-0.9
	Z 19s	26.60um			6.6Msz						eSSS	06 55.00			0.9s	12.30nm				
MAW	79.93	202	eP	41	35.00	1.3					eLR	16 07.00		LPF	122.99	327	ePKP	48	20.60	-0.9
MHI	81.78	397	eP	41	48.00	3.8X	MWC	105.27	56	ePdiff	43	38.00	3.8X		1.0s	27.80nm				
KDC	83.57	31	eP	41	53.10	0.3	SBB	105.41	55	ePdiff	43	38.00	3.3X	MFF	123.32	325	ePKP	48	21.30	-1.0
TTA	83.69	25	P	41	54.00	0.5	CLC	105.48	54	ePdiff	43	39.00	4.0X	LPO	123.59	323	ePKP	48	22.00	-0.9
SPA	85.94	180	eP	42	04.30	-0.5	GSC	106.18	55	ePdiff	43	50.00	11.9X		0.9s	24.50nm				
	1.0s	14.50nm			5.1mb		EUR	106.30	50	iPKP	48	07.80	17.4X	LFF	123.73	323	ePKP	48	22.20	-0.9
	Z 22s	37.46um			6.7Msz			1.0s	13.08nm					EPF	124.99	321	ePKP	48	24.20	-1.5
		e	42	07.00		PLM	106.34	57	ePdiff	43	45.00	6.0X		0.8s	8.70nm				
PMR	86.32	28	P	42	05.80	-0.7	TPC	106.94	56	ePdiff	43	51.00	9.5X	TOL	129.47	320	ePKP	48	28.50	-5.9X
	Z 20s	11.00um			6.3Msz		LWI	107.22	266	e(PKP)	48	08.40	15.5X				ePP	49	57.50	
PME	86.37	27	eP	42	06.50	-0.3	UPP	107.59	332	iPdiff	43	47.60	4.0X				ePPP	52	39.50	
	1.0s	100.00nm			6.0mb		GLA	108.07	57	ePdiff	43	55.00	8.4X				ePS	00	55.50	
AVY	87.29	251	ePc	42	14.80	2.5	SLL	109.27	334	ePdiff	43	55.00	4.4X				eSS	07	45.50	
COL	87.76	24	eP	42	13.00	-0.5		0.8s	15.70nm								eSSSS	12	27.50	

RSNY	131.48	29	e(Pdif	45	41.00	10.6X	
IFR	133.62	314	iPKP	48	37.00	-5.7X	
			i	48	45.00		
TACH	134.51	148	ePKP	48	50.50	6.3X	
BACH	134.98	148	ePKP	48	44.00	-1.1	
ROCH	134.99	147	ePKP	48	46.50	1.1	
PEL	135.04	147	iPKP	48	46.00	0.0	
AVE	135.37	315	ePKP	48	47.00	1.2	
MDZ	136.21	149	ePKP	48	44.00	-3.5X	
KIC	141.09	275	ePKP	48	53.00	-3.9X	
FSA	143.06	145	e(PKP)	49	00.00	0.1	
UPA	144.14	80	ePKPc	49	01.10	-1.0	
	1.1s	101.27nm					
	Z 22s	7.04um				6.4Msz	
		e		11	17.00		
SLA	144.40	145	ePKP	49	02.80	0.3	
ARE	145.81	127	ePKP	49	07.00	1.7	
YJA	146.33	142	ePKPc	49	09.00	2.8	
TPZ	146.72	141	ePKP	49	10.00	3.3X	
CNCB	148.31	132	PKP	49	14.00	4.4X	
			i	49	19.20		
LPB	148.40	131	ePKP	49	13.00	3.4X	
	Z 22s	3.73um				6.1Msz	
			i	49	18.40		
			SS	12	02.00		
			LR	39	30.00		
ZOBO	148.54	131	PKP	49	12.00	2.0	
			i	49	15.80		
			LR	39	40.00		
CCH	149.28	135	PKP	49	15.10	4.3X	
BOG	149.78	88	iPKP	49	18.00	6.3X	
BMG	150.68	83	ePKP	49	14.50	1.7	
LGN	152.06	76	ePKP	49	17.20	2.6	
SDV	152.88	79	ePKP	49	17.50	1.4	
VAO	152.89	173	ePKP	49	19.70	4.0X	
			e	49	27.30		
BMA	153.38	179	ePKP	49	27.60	11.2X	
			e	49	32.80		
BMA	153.38	179	e(PKP)	49	33.00	16.6X	
SJG	154.03	56	iPKPc	49	17.20	-0.1	
	1.0s	43.00nm					
	Z 20s	4.96um				6.3Msz	
CAR	156.16	73	ePKP	49	27.00	6.6X	
			i	49	51.30		
			ePP	53	31.00		
BAO	159.96	168	e(PKP)	49	27.90	3.1X	
ITR	166.17	203	ePKP	49	32.60	1.9	
			e	49	42.80		
			e	50	35.30		
SOB1	166.48	192	ePKP	49	33.80	2.9	
			e	49	52.10		
S.D. = 1.3 on 164 of 247 obs.							
SEP 15, 1985 02h 01m 18.51± 1.04s							
7.147 N ± 5.8km 126.623 E ± 8.6km							
DEPTH = 99.5 ± 9.1 km							
5.2mb (9 obs.)							
MINDANAO, PHILIPPINE ISLANDS (259)							
DAV	1.04	267	iPc	01	39.10	-0.5	
CGP	2.31	304	iPd	01	55.50	-0.2	
CNP	5.67	340	iPd	02	33.00	-8.8X	
PPR	8.23	289	iPd	03	18.00	1.0	
	1.0s	124.00nm				5.5mb X	
BAG	10.94	328	eP	03	54.50	0.8	
MKS	14.21	210	iPc	04	36.50	0.1	
TRT	20.30	224	ePd	05	49.80	1.0	
	0.7s	202.80nm				5.6mb	
KNA	22.85	175	iPd	06	15.00	1.0	
			eS	11	12.00		
KGM	23.77	259	iPd	06	25.40	2.3	
IPM	25.59	266	ePc	06	38.10	-2.1	
			e	06	54.40		
PCT	25.84	289	eP	06	45.00	2.5	
PMG	26.25	129	e(P)	06	46.00	-0.2	
LOE	26.34	295	eP	06	46.00	-1.1	
PPI	27.23	255	ePc	06	54.80	-0.4	
			e	09	40.00		
WRA	27.97	164	eP	06	43.00	-18.9X	
WRA	27.97	164	Pd	06	59.90	-2.0	
	0.7s	9.60nm				4.5mb	
MBL	28.91	193	eP	07	09.00	-1.3	
MAT	31.11	18	(P)	07	29.00	-0.7	
ASPA	31.44	167	iPd	07	31.50	-1.1	
	0.5s	34.00nm				5.3mb	
NAU	31.45	200	iPd	07	32.20	-0.5	
CTA	33.25	145	iPc	07	39.00	-9.4X	
MRWA	37.57	195	iPd	08	24.70	-0.3	
BAL	38.72	194	eP	08	34.00	-0.6	
	0.4s	34.00nm				5.6mb	
KLB	39.44	192	eP	08	40.40	-0.1	
	0.3s	38.00nm				5.7mb	
MUN	40.16	194	iPd	08	46.60	0.2	
	0.5s	77.00nm				5.8mb	
			eS	15	33.00		
			e	16	30.00		
NWAO	40.84	192	eP	08	53.00	1.0	
STK	41.36	161	eP	08	56.00	-0.2	
BRS	42.66	145	iPc	09	07.00	0.0	
BFD	46.54	162	eP	09	38.00	0.1	
CAN	47.21	155	eP	09	44.30	1.0	
TOO	47.85	160	eP	09	49.00	0.8	
WAM	47.91	156	eP	09	34.80	-13.8X	
HYB	47.95	287	eP	09	49.00	-0.2	
GBA	48.74	282	P	09	56.00	0.7	
	0.6s	8.60nm				4.8mb	
NDI	51.22	301	eP	10	12 00	-2.1	
DRV	74.26	175	e(P)	12	45.60	-0.5	
KEV	86.67	340	eP	13	52.00	0.1	
INK	87.04	22	eP	13	53.00	-0.7	
SOD	87.29	338	iP	13	54.00	-0.9	
KJF	87.48	334	eP	13	55.00	-0.9	
SBA	87.71	172	iPd	13	58.10	1.4	
	0.9s	11.76nm				4.9mb	
SUF	88.48	333	eP	14	00.00	-0.7	
	0.4s	3.10nm				4.7mb	
MBC	88.66	13	eP	14	03.00	1.6	
NUR	89.68	331	iP	13	49.10	-17.3X	
NUR	89.68	331	eP	14	10.00	3.6X	
VAY	95.75	313	eP	14	33.40	-1.3	
BUL	99.92	251	eP	14	52.80	-1.3	
ALQ	114.79	46	ePKP	19	50.80	1.0	
	0.9s	3.36nm					
			e	20	10.00		
JCT	121.88	47	iPKP	20	04.00	0.8	
	0.8s	29.85nm					
			i	20	24.00		
KIC	129.66	284	ePKP	20	18.50	-0.1	
			e	23	31.00		
TACH	149.02	151	ePKP	20	58.00	5.3X	
BACH	149.48	151	ePKP	20	59.00	5.5X	
ROCH	149.53	150	ePKP	20	59.20	5.4X	
PEL	149.55	150	iPKPd	20	59.30	5.7X	
MDZ	150.63	153	ePKP	21	02.50	7.3X	
TPZ	161.43	141	PKP	21	13.50	3.9X	
ZOBO	162.96	123	PKP	21	13.80	2.3	
			i	22	04.80		
S.D. = 1.2 on 45 of 57 obs.							
SEP 15, 1985 02h 08m 51.51± 0.31s							
4.037 S ± 4.9km 136.160 E ± 7.3km							
DEPTH = 10.0km (geophysicist)							
5.5mb (8 obs.)							
WEST IRIAN REGION (196)							
TZZ	5.19	104	eP	10	17.00	5.8X	
AAI	7.95	272	eP	10	49.00	-1.0	
MDG	9.66	98	eP	10	22.00	-51.7X	
PMG	12.15	117	iPd	10	54.00	-53.7X	
KNA	13.72	211	eP	12	06.00	-2.6	
			eS	14	33.00		
KVG	14.68	85	e(P)	12	32.00	10.8X	
WRA	15.91	186	Pd	11	46.10	-51.1X	
	1.1s	50.90nm					
MKS	16.68	265	iPc	12	53.00	6.0X	
CGP	16.87	317	eP	11	58.00	-51.5X	
			eS	12	53.00		
ISO	16.90	169	eP	11	58.00	-51.9X	
			e	12	53.00		
BGA	19.06	97	eP	13	22.00	5.3X	
PAA	19.38	97	eP	13	23.00	2.3X	
BKB	19.42	278	iPc	13	27.90	6.9X	
GUA	19.50	26	eP	13	26.10	4.1X	
	0.8s	113.43nm				5.2mb	
PJG	19.53	26	eP	13	26.80	4.5X	
ASPA	19.64	186	eP	13	23.00	-0.5	
ASPA	19.64	186	eP	12	27.00	-56.5X	
CNP	20.02	325	ePd	13	14.80	-12.7X	
PPR	22.13	308	iPd	13	54.50	5.4X	
	1.1s	358.00nm				5.7mb	
KKM	22.29	297	ePd	13	52.70	1.9	
	1.5s	281.30nm				5.5mb	
MBL	23.27	222	eP	14	02.00	1.7	
			e	18	15.00		
TRT	23.68	260	iPd	14	03.40	-0.9	
OCP	23.83	321	eP	14	08.00	2.3	
MAN	23.84	321	ePc	14	02.40	-3.5X	
RMO	25.37	153	eP	13	26.00	-54.6X	
BAG	25.50	323	eP	14	21.00	-1.0	
CVP	25.82	327	eP	14	26.00	1.2	
	1.0s	132.00nm				5.6mb	
PIP	26.99	326	ePd	13	49.00	-46.5X	
NAU	27.18	226	eP	13	45.00	-52.3X	
BRS	28.12	147	iPd	13	52.00	-53.9X	
BRS	28.12	147	P	14	42.20	-3.7X	
STK	28.17	170	eP	13	53.00	-53.1X	
			e	14	45.00		
MRWA	31.51	215	eP	14	16.00	-60.0X	
BAL	32.18	213	eP	15	21.00	-0.8	
KLB	32.41	210	eP	15	24.00	0.1	
CAN	33.32	161	eP	15	33.00	1.2	
KGM	33.37	280	ePc	15	39.80	7.4X	
BFD	33.50	171	eP	15	33.00	-0.2	
WAM	34.08	161	eP	15	22.20	-16.1X	
TOO	34.45	167	eP	15	42.00	0.5	
QIZ	34.59	312	Pd	15	42.60	-0.3	
GZH	34.97	321	P	15	47.00	1.0	
IPM	36.13	283	ePc	15	55.30	-0.8	
			e	16	31.40		
SNG	37.18	287	eP	16	06.50	1.6	
SSE	37.74	339	iPd	16	10.00	0.6	
			PP	17	41.00		
PSI	37.81	280	eP	16	10.00	-0.2	
			e	21	00.00		
PSI	37.81	280	eP	15	23.00	-47.2X	
			e	15	27.00		
SHK	38.50	355	eP	16	15.40	-0.3	
PCT	39.14	299	eP	16	21.80	0.5	
NJ2	39.48	337	Pc	16	24.60	0.7	
NNT	39.78	295	eP	16	27.30	0.6	
LOE	40.11	303	eP	16	28.50	-0.9	
WHN	40.21	330	P	16	30.00	0.0	
MAT	40.41	3	eP	16	31.00	-0.6	
	1.1s	24.05nm				4.8mb	
NST	40.68	300	iPc	16	34.30	0.3	
GYA	41.64	318	Pc	16	42.80	0.9	
KHT	41.66	297	eP	16	42.70	0.6	
BDT	42.34	301	iPd	16	44.80	-2.8	
CHG	43.11	303	eP	15	58.50	-55.4X	
KMI	43.51	314	Pc	16	58.50	1.1	
TIA	43.82	338	eP	16	58.70	-0.7	
XAN	45.77	328	Pc	17	15.50	0.3	
			eS	23	58.00		
CD2	46.51	321	P	17	21.90	0.8	
TIY	47.03	334	eP	17	25.10	0.0	
SNY	47.06	347	iPd	17	24.90	-0.3	
BJI	47.55	339	eP	17	28.00	-1.1	
CN2	48.59	350	eP	17	36.00	-1.1	
MSZ	49.14	150	P	17	43.80	2.5	
HHC	50.02	336	eP	17	48.00	-0.3	
LZH	50.07	326	iPc	17	50.00	1.2	
BTO	50.46	334	eP	17	50.60	-1.1	
MNG	50.74	141	e(P)	17	53.00	-0.8	
MNG	50.74	141	e(P)	17	00.00	-53.8X	
SHL	52.04	307	eP	17	06.50	-57.5X	
LSA	54.61	311	Pc	18	22.80	-0.5	
			S	26	02.00		
GTA	54.67	326	iPc	18	23.80	0.6	
PKI	58.12	306	iP	18	49.80	1.4	
KKN	58.32	306	iP	18	49.20	-0.4	
DMN	58.38	306	iP	18	50.40	0.3	
KOD	60.14	284	eP	19	01.50	-1.0	
HYB	60.70	292	eP	19	04.80	-1.1	
GBA	60.84	288	P	19	05.20	-1.6	
GBA	60.84	288	P	19	13.00	6.2X	
	0.2s	3.90nm				5.2mb	
WMQ	64.50	323	iPd	19	31.00	0.1	
			S	28	11.00		
POO	65.31	292	iPd	19	36.30	-0.2	
	0.9s	72.27nm				5.9mb	
KSH	70.13	314	P	20	07.00	0.5	
QUE	74.24	303	eP	20	31.50	0.3	
QUE	74.24	303	eP	19	39.00	-52.2X	
SBA	75.51	174	e(P)	20	34.70	-2.6	
MAW	79.95	202	eP	21	03.00	1.0	
SPA	85.99	180	e(P)	20	45.00	-48.3X	
AVY	87.22	251	eP	21	41.60	1.4	
COL	87.74	24	eP	21	41.00	-0.6	
	1.6s	91.67nm				5.8mb	
SYO	88.65	201	eP	21	47.40	1.5	
INK	93.84	22	eP	22	08.00	-1.9	

15d 02h

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MBC    97.33  14 eP     22 24.00  -1.7
SOD   101.16 338 iPdiff22 29.80 -13.3X
SOD   101.16 338 ePdiff22 41.00  -2.1
KJF   101.60 335 ePdiff22 44.00  -1.1
SUF   102.67 334 iPdiff22 47.80  -2.1
NUR   103.99 332 ePdiff22 56.00   0.2
SKO   110.96 314 ePKP   27 21.50  -5.5X
ZST   112.09 321 ePKP   27 31.50   2.5
KHC   113.93 323 PKP    27 38.00   5.4X
                 e      28 27.50
LJU   114.49 319 e(PKP)27 34.00   0.3
ALQ   114.63  53 e(PKP)27 35.00   0.4
VOY   114.91 319 e(PKP)27 36.00   1.4
BNG   117.80 273 iPKPd 27 39.80  -1.2
       1.0s     5.00nm
                 id     27 44.20
BSF   118.55 324 ePKP   27 41.10  -0.4
       1.0s    12.90nm
LBF   120.64 324 ePKP   27 45.60   0.2
SSF   120.87 324 ePKP   27 46.10   0.3
       1.1s    12.20nm
BGF   121.52 324 ePKP   27 47.40   0.3
       1.1s    14.10nm
MZF   121.86 324 ePKP   27 47.90   0.2
TCF   122.04 324 ePKP   27 48.30   0.2
       1.1s    12.40nm
CAF   122.84 323 ePKP   27 50.00   0.3
LPO   123.50 323 ePKP   27 51.50   0.6
TOL   129.38 320 e(PKP)28 11.50   9.1X
                 e      30 09.50
UPA   144.21  80 e(PKP)27 33.00 -57.4X
       1.0s    28.00nm
                 e      28 28.20
SLA   144.49 145 e(PKP)27 36.00 -54.9X
YJA   146.42 142 e(PKP)27 43.00 -51.6X
TPZ   146.81 141 PKP    27 37.80 -57.3X
                 e      28 39.00
CNCB  148.41 132 PKP    27 47.30 -50.7X
LPB   148.49 131 PKP    27 48.70 -49.2X
       1.0s   142.00nm
     Z 24s     8.53um          6.5MszX
                 i      28 43.00
                 LR     00 45.00
ZOBO  148.64 131 ePKP   27 48.00 -50.4X
       1.0s    70.00nm
                 i      28 43.90
CCH   149.38 135 PKP    27 51.00 -48.2X
                 i      28 45.90
SJG   154.07  56 e(PKP)28 50.00   4.4X
BAO   160.03 168 e(PKP)28 54.10   1.0
ITR   166.19 203 ePKP   29 04.20   5.3X
                 e      30 01.80
SOB1  166.52 193 ePKP   28 38.90 -20.3X
                 e      29 03.10
     S.D. = 1.2  on  81 of 129 obs.

   SEP  15, 1985  02h 42m 54.89± 0.15s
    4.130 S ± 4.0km  136.049 E ± 3.5km
   DEPTH =  10.0km  (geophysicist)
    5.9mb ( 39 obs.)  6.3Msz ( 13 obs.)
 WEST IRIAN REGION                (196)
      Ms 6.3 (DRK), 6.0 (PAS). At
      least 10 people killed, seven
      injured and damage in the
      Enaratoli area. Slumping
      observed in the epicentral area.
      FAULT PLANE SOLUTION: P-Waves
       NP1:Strike= 92 Dip=68 Slip=  35
       NP2:       347     58       154
       Principal Axes:
        T                Plg=40  Azm=313
        P                    6       218
      Comment: The focal mechanism is
        moderately well controlled and
        corresponds to strike-slip
        faulting with a moderate
        reverse component. The
        preferred fault plane is not
        determined.
      MOMENT TENSOR SOLUTION
      Dep  29            No. of sta:  6
      Moment Tensor; Scale 10**25 d-cm
        Mrr= 2.22       Mtt=-1.44
        Mff=-0.78       Mrt=-0.45
        Mrf= 1.99       Mtf= 1.62
       Principal axes:
        T  Val=  3.23  Plg=62  Azm=279
        N        0.83      22       142
        P       -3.27      17        45
      Best Double Couple:Mo=3.3*10**25
       NP1:Strike=106 Dip=33 Slip=  48
       NP2:       333     66       114
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 20S, 41C
      Centroid Location:
      Origin Time        02:42:59.1 0.4
      Lat  4.09S 0.04 Lon 135.82E 0.04
      Dep  10.0 FIX Half-durotion  5.2
      Moment Tensor; Scale 10**25 D-CM
        Mrr= 0.21 0.10  Mtt=-0.55 0.14
        Mff= 0.34 0.18  Mrt= 0.24 0.36
        Mrf=-0.82 0.38  Mtf= 3.19 0.10
       Principal Axes:
        T  Val=  3.19  Plg= 9  Azm=130
        N        0.28      76         1
        P       -3.47      11       222
      Best Double Couple:Mo=3.3*10**25
       NP1:Strike=266 Dip=76 Slip=  -1
       NP2:       356     89      -166

TLE    3.61 245 iPd    43 52.00  -0.1
JAY    4.92  71 eP     44 09.10  -1.6
SWI    5.78 304 ePc    44 22.00  -0.8
MNDI   7.84 105 eP     44 50.00  -2.0
AAI    7.85 273 ePc    44 51.80  -0.1
                 e      03 49.80
MDG    9.76  97 eP     45 17.00  -1.4
LAT   11.19 103 eP     45 36.00  -2.0
PMG   12.21 116 eP     45 48.00  -3.8X
KNA   13.59 211 eP     46 10.00  -0.2
                 eS     48 38.00
KUG   13.73 243 ePc    46 16.00   3.9X
                 S      48 41.00
KVG   14.80  84 eP     46 25.00  -1.1
DAV   15.28 317 iP+    46 35.00   2.6
ALOA  15.47 114 eP     46 35.00   0.1
WRA   15.81 186 eP     46 35.20  -4.1X
RAB   16.08  91 eP     46 40.00  -2.8
MKS   16.56 266 iPc    46 54.00   5.1X
ISQ   16.83 169 eP     46 51.00  -1.4
CGP   16.87 318 ePd    46 54.00   1.2
                 eS     47 07.50
CTA   18.72 149 eP     47 14.00  -1.9
                 iS     50 39.00
BGA   19.16  97 eP     47 19.00  -2.3
PAA   19.48  97 iPd    47 24.00  -1.2
                 eS     47 39.00
ASPA  19.53 186 eP     47 25.00  -0.7
GUA   19.63  26 eP     47 25.80  -1.1
       1.1s   597.47nm          5.8mb
PJG   19.66  26 eP     47 26.20  -0.9
CNP   20.03 326 ePd    47 16.50 -14.5X
KHKI  20.75 257 eP     47 38.00  -0.4
DNP   21.19 257 ePd    47 48.30   5.3X
KKM   22.23 297 ePc    47 56.00   2.4
       1.0s   689.80nm          6.1mb
M8L   23.13 222 eP     48 14.00  11.7X
                 e      07 07.00
TRT   23.55 260 iPc    48 07.60   1.1
       1.3s   614.30nm          6.0mb
                 eS     50 26.70
QCP   23.83 322 eP     48 11.00   1.9
MAN   23.85 322 iPc    48 08.20  -1.1
VSG   24.04 103 eP     48 09.00  -2.2
SVO   24.12 103 eP     48 11.00  -1.0
HNR   24.30 104 eP     48 13.00  -0.7
SJI   24.41 260 eP     48 15.60   0.8
RMQ   25.34 153 eP     48 23.00  -0.7
BAG   25.50 324 eP     48 23.80  -1.6
CVP   25.84 327 ePc    48 28.40   0.1
SZP   26.48 325 iPd    48 37.00   2.8
PIP   27.00 326 ePd    48 40.00   1.0
NAU   27.04 226 eP     48 40.00   0.7
       0.7s   270.00nm          6.0mb
STK   28.09 170 eP     48 47.00  -1.9
BRS   28.11 147 iPd    48 46.20  -2.9
CMS   28.73 162 eP     48 54.00  -0.6
DJA   29.16 265 eP     49 00.00   1.3
COO   30.26 152 eP     49 06.00  -2.4
ADE   30.78 176 iPd    49 11.80  -1.1
       0.8s   328.36nm          6.3mb
KLI   31 10 267 e(P)   49 14.40  -1.5
MRWA  31.37 215 eP     49 18.00  -0.2
       0.4s    29.06nm          5.5mb
                 eS     55 41.00
KOU   31.96 123 iPc    49 22.20  -1.2
BAL   32.04 213 eP     49 23.00  -1.0
KLB   32.28 210 eP     49 25.00  -1.0
ANP   32.38 335 iP+    49 28.00   0.9
                 iS     54 42.00
RIV   32.73 156 eP     49 30.00   0.1
                 eS     54 49.00
CAN   33.27 160 eP     49 35.30   0.6
                 i      49 37.00
KGM   33.27 280 iPd    49 41.10   6.2X
                 i      49 51.60
MUN   33.38 212 eP     49 36.00   0.4
       1.0s   100.00nm          5.7mb
                 e      50 24.00
                 e      56 21.00
BFD   33.42 171 eP     49 34.00  -2.0
NWAO  33.62 209 eP     49 42.00   4.3X
WAM   34.03 161 eP     49 24.00 -17.2X
MCO   34.13 321 eP     49 46.40   4.2X
PVC   34.36 116 iPc    49 44.10  -0.2
TOO   34.39 167 eP     49 42.00  -2.4
NOU   34.55 124 iPc    49 45.80  -0.1
RKG   34.66 208 eP     49 52.00   5.3X
                 e      51 03.00
GZH   34.97 322 P      49 50.80   1.4
                 iS     55 23.00
PPI   35.80 275 ePd    49 55.70  -1.0
       0.8s    10.50nm          4.8mb X
                 e      01 00.00
IPM   36.04 284 ePc    49 58.00  -0.7
       1.0s    55.40nm          5.4mb
                 e      52 26.10
PSI   37.71 280 eP     50 13.00   0.2
       0.9s    19.50nm          4.9mb
SSE   37.79 339 P      50 11.30  -1.8
                 PP     51 42.00
                 eS     56 04.00
MED   38.11 281 e(P)   50 24.00   7.9X
TSI   38.22 281 e(P)   50 24.00   7.0X
SHK   38.59 356 ePd    50 17.30  -2.5
PCT   39.09 299 eP     50 23.50  -0.7
       1.0s   194.10nm          5.7mb
KYS   39.31   5 eP     50 23.10  -2.7
NJ2   39.52 337 Pc     50 27.00  -0.6
                 PP     52 04.50
                 S      56 25.00
SRY   39.64   4 eP     50 25.20  -3.4X
NNT   39.72 295 eP     50 29.70   0.2
DDR   40.03   4 eP     50 29.10  -2.8
LOE   40.07 303 eP     50 31.00  -1.4
WHN   40.24 330 P      50 33.00  -0.5
                 PP     52 12.00
                 PcS    56 21.00
                 S      56 46.00
                 SS     59 40.00
MAT   40.51   3 eP     50 32.00  -3.8X
       1.0s    74.00nm          5.3mb
     Z 22s    16.11um          5.8Msz
                 eS     56 44.00
NST   40.63 300 iPc    50 36.30  -0.7
KHT   41.60 298 eP     50 46.60   1.6
GYA   41.63 319 P      50 44.60  -0.7
                 PP     52 31.00
                 S      57 06.00
NDF   42.72 112 eP     50 56.00   1.9
CHG   43.06 303 iPd    50 56.80  -0.2
       1.1s   246.84nm          5.9mb
                 eS     57 24.00
SGE   43.12 111 eP     51 00.00   2.4
KMI   43.50 314 Pc     51 00.00  -0.6
VUN   43.72 112 eP     51 02.30   0.0
SVA   43.74 112 eP     51 03.50   1.1
TIA   43.86 338 P      51 00.90  -2.3
                 ePP    52 51.00
                 S      57 37.50
                 SS     00 48.00
DL2   44.85 344 eP     51 11.00  -0.1
                 S      57 47.00
CRZ   45.42 136 eP     51 16.00   0.2
XAN   45.79 328 iPc    51 17.00  -1.7
                 IS     58 02.50
CD2   46.52 321 eP     51 23.30  -1.2
                 PP     53 20.00
                 iS     58 15.20
TIY   47.06 334 eP     51 25.00  -3.7X
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PP 53 21.00
S 58 14.00
SNY 47.13 347 eP 51 26.90 -2.2
S 58 21.00
SAP 47.21 5 eP 51 31.00 1.3
BJI 47.60 339 eP 51 30.00 -2.8
ePP 53 27.00
eS 58 30.00
CN2 48.66 350 Pc 51 38.10 -2.9X
PP 53 34.00
PP 54 31.00
S 58 43.00
MSZ 49.12 150 P 51 47.60 3.1X
KRP 49.27 138 P 51 47.00 1.2
HHC 50.06 336 Pc 51 50.80 -1.2
PP 53 50.50
S 59 06.00
LZH 50.08 326 P 51 52.00 -0.3
iS 59 06.00
TCW 50.35 143 P 51 53.20 -0.9
BTO 50.50 334 P 51 53.00 -2.4
PP 53 53.00
S 59 13.00
ScS 01 34.00
WEL 50.69 142 P 51 58.90 2.2
GNZ 51.30 138 P 52 01.00 -0.4
pP 52 09.00 27kmX
S 59 27.00
AGT 51.75 305 eP 52 08.00 3.0X
SHL 52.01 307 iP 52 06.00 -1.2
iS 59 30.00
AFI 52.33 104 P 52 10.00 0.4
LSA 54.59 311 eP 52 25.00 -1.5
S 00 03.00
GTA 54.69 326 iPc 52 25.80 -0.9
S 00 09.00
VIS 56.37 294 iP 52 44.00 5.0X
PKI 58.09 306 iPd 52 50.10 -1.4
KKN 58.28 306 iPd 52 51.80 -0.9
DMN 58.35 306 iPd 52 52.20 -1.0
KOD 60.06 284 eP 53 04.00 -1.3
eS 01 16.00
HYB 60.63 292 eP 53 06.80 -2.0
1.0s 140.00nm 6.0mb
GBA 60.77 288 P 53 07.30 -2.4
GBA 60.77 288 Pc 53 12.50 2.8
1.1s 89.00nm 5.8mb
DRV 62.48 178 eP 53 19.70 -0.7
eS 01 47.50
eSSS 08 34.00
WMQ 64.51 323 P 53 33.00 -1.3
PP 56 01.50
PPP 57 40.00
iS 02 14.50
DDI 65.09 306 eP 53 38.00 -0.3
eS 02 25.00
SMY 65.11 24 P 53 31.00 -6.9X
1.0s 280.00nm 6.4mb
Z 19s 19.61um 6.3Msz
SMY 65.11 24 eP 53 38.50 0.6
NDI 65.20 304 eP 53 38.50 -2.5
1.2s 265.63nm 6.3mb
POO 65.24 292 iPd 53 37.50 -1.9
0.9s 137.82nm 6.1mb
BOM 66.28 293 eP 53 48.00 2.0
eS 02 37.00
ADK 68.69 29 eP 53 59.50 -1.1
HON 69.31 66 P 54 05.00 0.0
OPA 69.39 65 P 54 06.00 0.5
AFR 73.68 107 iP 54 33.30 2.1
1.0s 145.00nm 6.0mb
PAE 73.87 107 iP 54 34.40 2.1
1.0s 80.00nm 5.7mb
PPT 73.88 107 iP 54 34.70 2.3
1.0s 130.00nm 5.9mb
PPN 74.01 107 iP 54 35.20 2.1
1.0s 150.00nm 6.0mb
TVO 74.19 107 iP 54 36.60 2.4
1.0s 120.00nm 5.9mb
QUE 74.20 303 eP 54 33.00 -1.3
eS 04 08.00
SBA 75.43 174 eP 54 39.10 -1.2
0.9s 2.52nm 4.3mb X
Z 19s 25.69um 6.5Msz
PMO 75.48 104 iP 54 43.60 2.0
1.0s 110.00nm 5.9mb
VAH 75.74 105 iP 54 45.00 1.9
1.0s 55.00nm 5.6mb
TPT 75.75 104 iP 54 45.10 1.9
1.0s 70.00nm 5.7mb
RUV 75.98 105 iP 54 46.30 1.9
1.0s 40.00nm 5.5mb
MAW 79.82 202 eP 55 05.00 0.3
KHI 81.93 305 eP 55 16.70 0.0
KDC 83.70 31 eP 55 25.70 0.7
TTA 83.81 25 eP 55 26.10 0.4
IMA 85.87 23 eP 55 36.50 0.5
SPA 85.90 180 eP 55 35.80 -0.4
0.8s 4.17nm 4.7mb X
Z 18s 2152.94um 8.6MszX
e 55 39.30
e 14 39.10
PMR 86.44 28 P 55 37.80 -0.9
Z 20s 15.00um 6.4Msz
PME 86.50 28 eP 55 37.80 -1.2
1.0s 125.00nm 6.1mb
AVY 87.09 251 ePd 55 44.20 1.2
RKT 87.46 113 eP 55 26.00 -18.4X
1.6s 145.00nm
COL 87.87 24 eP 55 43.00 -2.6
1.1s 231.65nm 6.4mb
Z 23s 12.12um 6.2MszX
eS 06 31.00
FBA 87.87 24 eP 55 45.50 -0.1
1.0s 75.00nm 6.0mb
SYO 88.52 201 iP 55 49.20 0.5
BCPM 90.69 30 eP 56 00.00 1.1
KER 91.43 304 eP 56 04.00 0.9
BHD 93.63 303 eP 56 16.00 3.0
i 06 50.00
i 07 25.00
INK 93.97 22 eP 56 12.00 -1.9
1.1s 41.00nm 5.7mb
MSL 94.76 306 ePc 56 19.00 0.8
e 07 31.00
MBC 97.45 14 eP 56 26.00 -3.6X
0.8s 18.00nm 5.7mb
BFW 100.38 44 Pdiff 56 43.00 -0.6
KEV 100.39 340 iPdiff56 41.20 -1.8
0.5s 16.80nm 5.8mb
ePP 00 35.00
GMW 100.57 43 Pdiff 56 44.50 0.1
SNA 100.68 193 e(Pdif56 48.00 3.7X
SOD 101.20 338 iPdiff56 43.70 -2.9X
ePP 00 29.00
GAS 101.27 51 Pdiff 56 49.00 1.2
WDC 101.34 50 ePdiff56 49.50 1.6
e 00 57.30
KJF 101.63 335 iPdiff56 48.80 0.2
0.8s 24.90nm 5.9mb
BKS 101.77 52 iPdiff56 51.60 1.7
1.0s 122.00nm 6.5mb
Z 22s 11.00um 6.3Msz
N 22s 2.90um
E 22s 9.00um
e(S) 07 36.00
e(PS) 10 04.00
i(SS) 15 24.00
e 26 44.00
eLR 29 06.00
MIN 102.07 50 ePdiff56 52.30 0.9
ARN 102.37 53 ePdiff56 53.60 1.0
0.8s 6.00nm 5.3mb
PNT 102.46 40 ePdiff56 54.00 1.3
YKA 102.52 27 ePdiff56 53.90 1.3
YKC 102.58 27 ePdiff56 53.00 0.1
SLD 102.64 53 Pdiff 56 52.80 -1.0
SUF 102.70 334 ePdiff56 52.00 -1.4
0.8s 11.60nm 5.6mb
PRI 103.15 54 ePdiff56 58.50 2.2
JAS1 103.20 52 ePdiff56 57.70 1.4
e 01 11.00
NUR 104.02 332 iPdiff56 58.20 -1.1
0.8s 30.80nm 6.2mb
SLR 104.10 242 ePdiff57 02.00 1.3
NEW 104.25 41 ePdiff57 02.00 1.2
PRY 104.56 241 ePdiff57 16.50 13.7X
BUL 104.85 248 iPdiff57 11.20 7.0X
ISA 104.97 54 ePdiff57 05.00 0.7
PAS 105.36 56 ePdiff57 05.00 -1.0
ePP 01 20.00
eSKS 07 54.00
ePS 10 31.00
eSKKP 16 40.00
eSS 16 52.00
eLg 26 32.00
eLR 30 34.00
BMN 105.39 49 ePdiff57 06.70 0.5
1.0s 15.00nm 5.9mb
MWC 105.45 56 ePdiff57 08.00 1.4
CFR 105.51 316 ePKP 01 10.00 -9.9X
EDM 105.56 36 ePdiff57 08.00 1.6
SBB 105.59 55 ePdiff57 08.00 0.9
CLC 105.66 54 ePdiff57 09.00 1.6
ePP 00 32.00
e 01 11.00
RVR 106.04 56 ePdiff57 09.00 0.0
GSC 106.36 55 ePdiff57 12.00 1.5
EUR 106.48 50 iPdiff57 12.20 1.1
0.8s 5.46nm 5.6mb
TPC 107.12 56 ePdiff57 17.00 3.1X
UPP 107.54 332 iPdiff57 15.20 0.2
SES 107.67 38 ePdiff57 16.00 0.1
PVL 107.99 314 ePKP 01 06.00 -18.7X
GLA 108.26 57 ePdiff57 20.00 1.0
ePP 00 26.00
e 01 50.00
HFS 109.21 333 ePdiff57 21.80 -0.7
0.5s 4.90nm
VTS 109.52 314 ePKP 01 08.00 -19.6X
TUH 109.81 233 ePdiff57 16.50 -9.3X
VAY 110.27 313 ePdiff57 27.00 -0.6
BDW 110.58 46 ePdiff57 33.70 4.4X
1.0s 6.00nm
SKO 110.94 313 ePKP 01 22.00 -8.4X
Z 22s 4.32um 6.0Msz
N 22s 3.61um
E 22s 4.46um
i 02 10.00
LR 50 10.00
SRO 111.45 320 ePKP 01 32.80 1.7
OHR 111.61 313 ePKP 01 18.20 -13.6X
e 02 20.20
KSP 111.66 324 ePdiff57 34.50 0.9
e 01 33.00
e 02 21.00
ZST 112.10 321 ePKP 01 33.70 1.4
VKA 112.57 321 ePKP 01 35.00 1.8
e 02 25.00
PRU 113.02 323 ePdiff57 41.00 1.3
PRU 113.02 323 PKPc 01 36.00 1.9
e 02 15.00
BRG 113.03 324 ePdiff57 40.50 0.8
e 58 16.00
BRG 113.03 324 i(PKP)01 35.00 1.0
i 01 48.00
i 02 16.50
i 02 39.00
i 12 00.00
CLL 113.40 325 iPdiff57 42.60 1.3
1.5s 15.00nm
CLL 113.40 325 iPKP 01 36.10 1.4
0.8s 15.00nm
Z 19s 6.50um 6.2Msz
e 02 24.00
KHC 113.93 323 Pdiff 57 45.50 1.7
KHC 113.93 323 iPKPd 01 37.30 1.3
e 02 28.10
RSSD 114.07 43 ePKP 01 36.10 -0.0
0.7s 5.83nm
GOL 114.43 48 ePdiff57 50.00 3.4X
0.8s 2.98nm
Z 20s 7.00um 6.3Msz
GOL 114.43 48 ePKP 01 38.30 0.7
0.7s 2.43nm
MOX 114.47 325 e(PKP)01 39.00 2.1
Z 18s 7.40um 6.3Msz
N 20s 5.00um
E 23s 7.10um
e 01 53.00
MOX 114.47 325 e(PKP)01 53.00 16.1X
Z 18s 7.40um 6.3Msz
N 20s 5.00um
E 23s 7.10um
LJU 114.49 319 ePKP 01 38.50 1.4
GLD 114.53 48 e(Pdif57 50.00 3.1X
ALQ 114.78 53 ePdiff57 49.00 0.9
Z 20s 10.28um 6.4Msz
KBA 114.87 321 iPKPc 01 38.40 0.4
1.1s 23.70nm
i 02 27.20

15d 03h

			i	02	40.80	
			i	03	27.70	
			e	12	19.00	
			e	12	27.00	
			i	12	33.00	
VOY	114.91	319	ePKP	01	38.50	0.5
GRF	115.11	324	ePKP	01	40.00	1.8
	Z 22s		5.00um			6.1Msz
TRI	115.11	319	ePKP	01	39.30	1.1
			ePP	02	36.60	
			ePPP	05	17.20	
			iPS	12	18.00	
			iSPP	13	30.00	
			iSS	18	41.00	
			iSSS	24	11.00	
FUR	115.72	322	ePKP	01	40.70	1.3
OGA	116.41	321	ePKP	01	41.60	0.6
WTS	116.51	328	ePKP	01	42.50	1.8
			e	02	39.50	
ENN	117.61	327	ePKP	01	44.50	1.7
	0.9s		17.00nm			
RSON	117.63	33	e(PKP)	01	40.30	-2.6
MEM	117.65	327	PKP	01	44.60	1.7
BNG	117.69	273	iPKPc	01	41.50	-2.7
	1.6s		52.00nm			
			id	02	58.00	
WLF	118.04	326	PKP	01	46.70	3.1X
			e	03	01.80	
LTX	118.30	59	ePKP	01	45.80	0.8
	0.8s		7.30nm			
BSF	118.56	324	ePKP	01	43.10	-1.8
	0.7s		19.40nm			
SNF	118.64	327	PKP	01	46.70	1.9
DOU	118.69	327	PKP	01	46.90	2.0
HAU	118.74	324	ePKP	01	43.60	-1.5
	0.5s		7.30nm			
LPG	119.68	321	ePKP	01	46.00	-1.4
	0.6s		13.50nm			
LOR	120.57	324	ePKP	01	47.40	-1.2
FRF	120.62	319	ePKP	01	47.50	-1.3
	0.6s		19.60nm			
LBF	120.65	324	ePKP	01	47.50	-1.3
	0.6s		4.70nm			
LMR	120.81	319	ePKP	01	47.70	-1.5
	0.7s		13.20nm			
LRG	120.86	319	ePKP	01	48.20	-1.0
	0.7s		22.00nm			
SSF	120.88	324	ePKP	01	48.20	-1.0
	0.7s		12.70nm			
SMF	120.90	324	ePKP	01	47.80	-1.5
	0.7s		9.30nm			
GRC	121.01	324	iPKPd	01	51.00	1.6
AVF	121.11	324	ePKP	01	48.10	-1.5
	0.6s		5.60nm			
LHC	121.37	34	ePKP	01	50.00	-0.1
BGF	121.53	324	ePKP	01	49.40	-1.1
	0.6s		18.60nm			
OCO	121.67	50	e(PKP)	01	52.70	1.6
MZF	121.87	324	ePKP	01	50.00	-1.1
TCF	122.05	324	ePKP	01	50.40	-1.1
	0.7s		24.50nm			
LDF	122.09	327	ePKP	01	50.20	-1.2
FLN	122.18	327	ePKP	01	50.30	-1.3
	0.7s		18.30nm			
LSF	122.47	324	ePKP	01	50.90	-1.3
	0.6s		10.80nm			
GRR	122.61	327	ePKP	01	51.20	-1.2
	0.7s		12.70nm			
TUL	122.82	49	ePKPd	01	53.50	0.3
	0.9s		45.80nm			
CAF	122.85	323	ePKP	01	52.20	-0.8
	1.0s		20.00nm			
LPF	122.91	327	ePKP	01	51.70	-1.3
	0.7s		22.40nm			
RJF	122.98	323	ePKP	01	52.20	-1.0
	0.9s		14.70nm			
VVO	123.07	50	ePKPd	01	54.40	0.7
MFF	123.24	325	ePKP	01	52.30	-1.4
	0.5s		13.10nm			
RLO	123.31	49	ePKPd	01	54.40	0.2
LPO	123.51	323	ePKP	01	53.60	-0.7
	0.7s		25.30nm			
LFF	123.64	323	ePKP	01	53.60	-1.0
	0.7s		14.80nm			
MLS	124.48	321	ePKP	01	57.40	1.1
EPF	124.90	321	ePKP	01	55.80	-1.3
	0.9s		16.40nm			

FVM	125.92	45	ePKP	01	58.90	-0.4
	0.9s		33.90nm			
SCH	126.19	16	ePKP	02	00.00	0.7
TOL	129.38	320	ePKP	02	06.00	0.2
			ePP	04	15.00	
OTT	130.41	29	ePKP	02	08.00	0.5
	1.1s		49.00nm			
RSCP	130.47	45	e(PKP)	02	04.30	-3.7X
MNT	131.33	28	iPKPd	02	09.60	0.4
RSNY	131.61	29	e(PKP)	02	10.00	0.1
HNME	133.21	23	ePKP	02	13.30	0.5
	0.5s		5.00nm			
IFR	133.51	314	iPKP	01	55.00	-19.1X
			i	02	17.00	
			i	05	45.00	
LNV	134.10	148	ePKP	02	14.00	-0.9
BACH	135.05	148	ePKP	02	09.00	-7.8X
ROCH	135.07	147	ePKP	02	12.00	-5.1X
PEL	135.11	148	ePKP	02	12.00	-4.9X
AVE	135.26	315	iPKP	02	20.00	2.9
MDZ	136.27	149	ePKP	02	18.00	-1.2
KIC	140.90	275	ePKP	02	23.00	-5.1X
FSA	143.14	146	iPKPd	02	30.50	-1.1
UPA	144.34	80	iPKPd+	02	31.60	-2.4
	1.1s		278.48nm			
	Z 21s		10.29um			6.6Msz
			LR	51	16.00	
SLA	144.48	145	ePKP	02	34.00	-0.2
QUR	145.19	96	ePKP	02	36.60	0.5
ARE	145.94	128	ePKP	02	38.00	0.9
YJA	146.42	142	ePKPc	02	39.80	1.9
TPZ	146.81	141	ePKP	02	41.00	2.6
			i	02	43.70	
CNCB	148.43	132	ePKP	02	42.80	1.4
LPB	148.51	131	iPKP	02	44.00	2.6
	Z 24s		5.81um			6.3MszX
			LR	53	10.00	
ZOBO	148.66	131	PKP	02	44.00	2.2
CCH	149.39	135	PKP	02	46.40	3.8X
BOG	149.97	88	ePKP	02	44.50	0.9
BMG	150.87	83	ePKP	02	45.50	0.9
LGN	152.26	76	ePKP	02	43.90	-2.6
VAO	152.87	174	ePKP	02	47.80	0.5
			e	02	56.50	
SDV	153.08	79	iPKPd	02	49.70	1.8
	0.8s		100.00nm			
BMA	153.34	180	ePKP	02	55.80	7.9X
CAR	156.36	73	ePKP	02	54.40	2.1
	1.1s		86.08nm			
BAO	159.96	169	PKPc	02	51.90	-4.5X
TRN	161.53	69	ePKP	03	00.50	2.7
	1.0s		80.00nm			
ITR	166.06	203	ePKP	03	02.70	0.6
			e	04	02.50	
SOB1	166.40	193	ePKP	03	04.50	2.1
	S.D. = 1.4		on 266 of 315 obs.			

& SEP 15, 1985 02h 48m 55.80s
38.960 N 116.750 W
DEPTH = 19.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS).

RVR	0.52	274	iPd	49	05.80	-0.3
			iSd	49	13.00	
TPC	0.60	76	iPd	49	07.10	-0.4
			iS	49	15.20	
PLM	0.61	189	iPd	49	07.60	-0.2
			iS	49	15.90	
SDW	0.70	338	iP	49	08.90	-0.4
MWC	1.12	284	iPc	49	15.90	-0.5
BAR	1.28	177	iPd	49	18.40	-0.3
			eS	49	35.30	
CBX	1.64	177	iPc	49	24.35	0.5
			S	49	46.65	
GLA	1.84	119	eP	49	29.70	2.9
VPEM	2.17	336	eP	49	30.30	-1.4
	9 obs. associated					

% SEP 15, 1985 02h 59m 09.78± 1.09s
38.849 N ± 7.6km 27.035 E ±19.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.48	158	iPg	59	21.00	1.4
			iSg	59	27.50	
EZN	1.12	331	iPn	59	30.60	-0.1

KGT	1.61	7	ePn	59	38.70	0.4
EDC	1.63	23	ePn	59	38.60	0.1
BNT	1.65	24	ePn	59	39.00	0.1
YER	1.98	150	ePn	59	42.00	-1.7
	S.D. = 1.3		on 6 of 6 obs.			

SEP 15, 1985 03h 01m 51.11± 0.35s
4.013 S ± 7.2km 136.241 E ± 6.3km
DEPTH = 10.0km (geophysicist)
4.9mb (6 obs.)
WEST IRIAN REGION (196)

MDG	9.59	98	eP	04	15.00	2.8
LAT	11.03	104	eP	04	37.00	5.0X
PMG	12.09	117	eP	04	46.00	-0.4
DAV	15.33	316	eP	05	35.00	5.8X
ALOA	15.35	115	e(P)	05	25.00	-4.5X
WRA	15.94	187	Pc	05	41.80	4.6X
	0.7s		95.00nm			5.1mb
MKS	16.76	265	iPc	05	50.00	2.4
CGP	16.91	317	ePd	05	53.50	4.0X
	1.0s		35.00nm			4.4mb
ISO	16.91	169	eP	05	48.00	-1.6
ASPA	19.67	186	eP	06	22.00	-1.5
PPR	22.18	308	eP	06	53.50	4.3X
	1.0s		58.00nm			5.0mb
KKM	22.35	296	ePc	06	52.50	1.5
TRT	23.76	260	ePc	07	05.50	0.8
VSG	23.88	104	eP	07	06.00	0.1
SVO	23.96	103	e(P)	07	07.00	0.4
HNR	24.14	104	eP	07	09.00	0.6
BAG	25.53	323	eP	07	22.90	1.0
BRS	28.10	148	eP	07	45.00	-0.2
PPI	35.98	275	eP	08	54.00	-0.4
			e	12	00.00	
PSI	37.88	280	e(P)	09	12.00	1.6
			e	11	50.00	
DDR	39.90	4	eP	09	27.50	0.5
LOE	40.17	303	eP	09	27.00	-2.4
TSK	40.18	5	eP	09	28.40	-0.8
WHN	40.23	330	P	09	31.50	1.8
MAT	40.38	2	eP	09	29.00	-1.9
GYA	41.67	318	P	09	42.60	0.8
KMI	43.55	313	Pc	09	58.00	0.7
XAN	45.79	328	iPc	10	15.00	0.1
CD2	46.55	321	eP	10	21.00	0.0
BJI	47.56	339	eP	10	28.00	-0.7
CN2	48.58	350	Pd	10	36.20	-0.4
MSZ	49.12	150	P	10	48.60	7.8X
KRP	49.23	139	eP	10	45.00	3.3X
HHC	50.03	336	eP	10	52.60	4.6X
LZH	50.09	326	P	10	49.00	0.4
SHL	52.09	307	iP	11	03.20	-0.8
GTA	54.70	326	P	11	23.20	0.2
PKI	58.18	306	eP	11	47.40	-0.9
	0.9s		43.00nm			5.5mb
KKN	58.37	306	eP	11	49.00	-0.5
DMN	58.44	306	eP	11	49.60	-0.5
KOD	60.21	284	eP	12	02.00	-0.6
HYB	60.76	292	eP	12	04.50	-1.4
GBA	60.91	288	P	12	07.00	0.1
	0.8s		5.50nm			4.7mb
WMQ	64.53	323	eP	12	30.50	-0.2
QUE	74.30	303	iPd	13	31.60	0.5
SBA	75.52	174	e(P)	13	38.50	1.5
COL	87.69	24	eP	14	41.00	0.1
	0.9s		6.30nm			4.9mb
MBC	97.29	14	eP	15	23.00	-2.1
TPZ	146.78	141	ePKP	21	39.00	4.4X
CNCB	148.36	131	PKP	21	43.10	5.6X
LPB	148.45	131	ePKP	21	42.00	4.5X
ZOBO	148.59	131	iPKP	21	43.00	5.1X
			i	21	48.80	
CCH	149.34	135	eFKP	21	44.00	5.3X
ITR	166.24	203	ePKP	22	02.20	3.7X
			e	23	02.40	
	S.D. = 1.2		on 39 of 54 obs.			

* SEP 15, 1985 03h 14m 40.41± 0.72s
4.583 S ±12.5km 135.920 E ±13.8km
DEPTH = 10.0km (geophysicist)
WEST IRIAN REGION (196)

KNA	13.14	212	eP	17	50.00	0.3
			eS	20	14.00	
WRA	15.35	186	eP	18	18.70	-0.1
			eS	21	04.20	

ASPA	19.07	186	eP	19 05.00	-0.7
SVO	24.15	102	eP	19 58.00	0.3
BRS	27.80	146	P	20 27.00	-4.8X
PPI	35.72	276	eP	21 41.50	0.0
			e	23 00.00	
SPA	85.45	180	e(P)	27 21.00	1.5
AIA	108.78	171	e(PKP)	33 15.00	4.0X
TPZ	146.54	141	ePKP	34 22.00	-1.5
CNCB	148.22	133	PKP	34 26.00	-0.6
LPB	148.31	132	PKP	34 27.00	0.5
ZOBO	148.46	132	ePKP	34 26.00	-1.0
CCH	149.16	136	ePKP	34 29.00	1.3

S.D. = 1.0 on 11 of 13 obs.

* SEP 15, 1985 03h 36m 05.01± 0.94s
4.076 S ±11.5km 136.025 E ±15.3km
DEPTH = 10.0km (geophysicist)
4.8mb (2 obs.)
WEST IRIAN REGION (196)

KNA	13.62	211	eP	39 21.00	0.3
			eS	41 46.00	
WRA	15.86	186	Pc	39 54.70	4.7X
	0.9s		26.30nm		4.4mb
CTA	18.78	149	iPc	40 26.60	-0.1
ASPA	19.58	186	eP	40 36.00	-0.4
	0.6s		71.00nm		5.1mb
BRS	28.16	147	iPc	42 00.00	0.3
KKN	58.23	306	eP	46 02.40	-0.1
DMN	58.30	306	eP	46 03.00	0.0

S.D. = 0.3 on 6 of 7 obs.

* SEP 15, 1985 03h 50m 14.20± 1.24s
19.078 S ±10.6km 68.553 W ±12.3km
DEPTH = 33.0km (normal)
CHILE-BOLIVIA BORDER REGION (124)

CNCB	2.32	14	iP	50 50.60	-0.8
LPB	2.57	10	iPd	50 55.80	1.0
			iS	51 32.00	
ZOBO	2.82	8	iP	50 59.00	0.5
CCH	2.84	54	P	50 58.00	-0.6
TPZ	3.57	132	P	51 09.10	0.1
ARE	3.82	312	eP	51 12.00	-0.5
ANT	4.92	200	eP	51 34.50	6.7X

S.D. = 0.9 on 6 of 7 obs.

* SEP 15, 1985 04h 45m 45.23± 1.02s
24.503 S ± 9.8km 67.214 W ±10.8km
DEPTH = 198.3 ± 13.3 km
CHILE-ARGENTINA BORDER REGION (127)

SLA	1.58	99	iPc	46 19.00	-1.0
			S	46 44.00	
FSA	1.91	146	e(P)	46 23.80	0.8
YJA	2.80	34	ePc	46 33.80	0.4
			S	47 09.00	
ANT	3.03	285	iPc	46 35.20	-0.4
			iS	47 09.80	
TPZ	3.32	25	iP	46 40.10	0.6
			S	47 22.00	
CCH	7.16	8	eP	47 27.00	-1.6
CNCB	7.69	355	iP	47 36.90	0.9
			S	49 03.00	
LPB	7.97	354	iP	47 40.20	0.6
ZOBO	8.24	354	iP	47 43.00	-0.2
VAO	18.59	90	eP	49 50.00	0.0

S.D. = 1.0 on 10 of 10 obs.

* SEP 15, 1985 05h 09m 10.39± 0.83s
4.316 S ±11.8km 135.781 E ±13.7km
DEPTH = 10.0km (geophysicist)
5.3mb (3 obs.)
WEST IRIAN REGION (196)

PMG	12.37	115	eP	12 11.00	1.5
KNA	13.29	211	eP	12 24.00	2.2
			eS	14 53.00	
WRA	15.60	185	Pc	12 49.70	-2.3
	0.8s		3.50nm		3.7mb X
CTA	18.70	148	iPd	13 30.70	-0.4
ASPA	19.32	185	eP	13 39.00	0.2
			e(S)	17 05.00	
BRS	28.10	147	P	15 03.00	-1.5
SHL	51.91	307	iP	18 21.40	-0.5
PKI	57.98	306	eP	19 06.00	-0.2
	0.9s		11.00nm		4.9mb
KKN	58.18	306	eP	19 07.30	-0.2
	0.9s		28.00nm		5.3mb
DMN	58.24	306	eP	19 08.00	0.0
	0.7s		27.00nm		5.4mb
SPA	85.71	180	e(P)	21 52.00	1.2
TPZ	146.83	141	PKP	28 57.10	3.1X
CNCB	148.50	132	iPKP	29 02.00	5.0X
LPB	148.59	132	iPKPd	29 02.10	5.1X
	1.0s		20.00nm		
ZOBO	148.74	131	iPKP	29 02.00	4.6X
CCH	149.45	135	PKP	29 04.00	5.9X

S.D. = 1.5 on 11 of 16 obs.

* SEP 15, 1985 05h 35m 11.42± 0.97s
4.290 S ±13.4km 135.788 E ±14.3km
DEPTH = 10.0km (geophysicist)
5.1mb (4 obs.)
WEST IRIAN REGION (196)

PMG	12.37	115	eP	38 12 00	1.4
KNA	13.32	211	eP	38 25.00	1.9
WRA	15.62	185	eP	38 52.10	-1.3
			e	38 59.80	
			eS	41 42.20	
WRA	15.62	185	Pc	38 59.50	6.1X
	0.7s		13.50nm		4.3mb
CTA	18.72	148	eP	39 31.00	-1.4
ASPA	19.35	185	eP	39 51.00	10.9X
			e(S)	43 13.00	
BRS	28.11	147	eP	41 03.00	-2.7X
PKI	57.97	306	iPd	45 06.80	-0.4
	1.0s		14.00nm		4.9mb
KKN	58.17	306	iPd	45 08.20	-0.2
	0.9s		23.00nm		5.2mb
DMN	58.23	306	iPd	45 09.00	0.1
	0.9s		28.00nm		5.3mb
TPZ	146.85	141	ePKP	54 49.00	-6.0X
CNCB	148.52	132	PKP	55 02.00	3.9X
LPB	148.60	132	PKPc	55 02.00	4.0X
ZOBO	148.75	131	PKP	55 02.00	3.5X
	1.1s		7.25nm		
CCH	149.46	135	PKP	55 04.90	5.7X

S.D. = 1.5 on 7 of 15 obs.

SEP 15, 1985 07h 05m 55.55± 0.84s
29.732 S ± 7.7km 179.181 W ± 9.7km
DEPTH = 325.7 ± 8.1 km
5.2mb (16 obs.)
KERMADEC ISLANDS REGION (177)

RAO	1.20	67	P	06 40.50	0.6
CRZ	8.34	234	P	07 59.00	4.8X
GNZ	9.19	194	eP	08 02.00	-2.4
			eS	09 45.00	
VUN	11.87	349	eP	08 37.10	0.0
SGE	12.37	347	iPd	08 44.00	0.6
WEL	12.53	201	P	08 43.00	-2.1
			S	10 56.50	
NOU	14.87	296	iPd	09 13.50	1.0
KOU	17.52	298	iPd	09 41.50	1.1
MSZ	18.07	211	P	09 46.40	0.5
			S	12 58.00	
BRS	24.72	269	iPc	10 50.70	0.9
			i	11 56.20	
COO	25.00	261	eP	10 55.00	2.6
CAN	27.33	250	eP	11 14.80	1.5
WAM	27.48	248	eP	11 18.50	3.9X
RMQ	28.42	269	eP	11 24.00	1.0
TAU	29.82	235	eP	11 36.00	1.0
CMS	30.09	258	eP	11 38.00	0.4
TOO	30.30	246	eP	11 40.00	0.7
			e	14 30.00	
CTA	32.68	279	iPd	12 00.60	0.5
	0.8s		52.24nm		5.0mb
STK	33.64	256	iPd	12 09.10	1.0
ADE	35.76	250	iPd	12 26.60	0.6
ASPA	42.13	267	iPd	13 17.80	-0.6
	0.6s		624.00nm		6.0mb
WRA	43.05	272	Pc	13 25.30	-0.5
	0.6s		89.70nm		5.2mb
SBA	48.63	184	iPd	14 11.40	2.9
	1.0s		52.00nm		4.8mb
			e	41 56.50	
KNA	49.60	274	eP	14 16.00	-0.7
	0.5s		47.00nm		5.1mb
KLB	53.59	251	eP	14 44.00	-2.1
	0.8s		37.00nm		4.8mb
BAL	54.73	252	eP	14 52.00	-2.3
MUN	54.76	250	eP	14 53.00	-1.4
			e	15 51.00	264kmX
GUA	55.22	316	eP	14 56.10	-1.7
	0.7s		136.99nm		5.5mb
PJG	55.29	316	eP	14 56.50	-1.8
MRWA	55.73	253	eP	14 59.70	-1.7
	0.8s		29.00nm		4.8mb
NAU	58.41	260	iPc	15 19.00	-1.0
	0.5s		36.00nm		5.1mb
SPA	60.43	180	iPd	15 34.90	1.4
	0.9s		30.45nm		4.8mb
CGP	65.95	296	eP	16 09.00	-0.6
	1.0s		204.00nm		5.8mb
TRT	67.29	274	iPd	16 18.00	0.0
	0.4s		43.70nm		5.5mb
KKM	71.38	289	ePd	16 42.20	-0.6
	0.8s		69.80nm		5.4mb
MAW	72.57	201	eP	16 49.00	0.2
MAT	77.11	326	iPd	17 14.10	-0.7
	1.1s		73.42nm		5.4mb
KGM	80.16	278	ePd	17 33.10	1.5
SNA	80.22	179	eP	17 32.40	1.5
PPI	81.45	274	ePc	17 36.70	-1.7
			e	19 00.00	362kmX
IPM	83.42	279	ePd	17 46.00	-2.4
	0.8s		71.90nm		5.6mb
PSI	84.29	276	iPc	17 52.50	-0.2
	0.9s		19.00nm		4.9mb
			e	18 39.00	189kmX
NNT	88.58	285	eP	18 15.00	1.6
LOE	89.40	290	eP	18 18.00	0.9
CHG	92.39	290	eP	18 32.50	1.6
MBC	111.99	13	ePKP	23 51.00	-1.5
ALE	122.73	8	ePKP	24 12.00	-1.0
	0.6s		6.00nm		
BUL	123.64	212	iPKPc	24 16.70	0.0
	0.7s		8.90nm		
SOB1	124.23	127	ePKP	24 17.90	0.0
			e	24 20.00	
MTD	125.06	217	iPKPc	24 07.50	-11.9X
KEV	137.24	347	ePKP	24 40.00	-0.9
SOD	139.29	345	ePKP	24 34.00	-10.7X
KJF	141.55	341	ePKP	24 43.00	-5.9X
	0.6s		23.50nm		
			i	24 51.00	
SUF	143.15	341	iPKP	24 47.40	-4.3X
	0.5s		31.90nm		
NUR	145.33	339	iPKPc	24 54.90	-0.5
	0.4s		80.40nm		
UPP	147.80	344	iPKP	25 01.60	2.2
			i	25 05.60	
HFS	148.38	348	ePKP	24 59.40	-1.0
	0.7s		37.30nm		
BNG	149.76	217	iPKPd	25 02.70	-1.2
	0.2s		124.00nm		
			id	25 08.10	
			ic	25 14.10	
			id	26 36.90	
JER	150.45	283	iPKP	25 10.50	6.0X
PRNI	150.47	280	iPKP	25 11.00	6.5X
ADI	150.52	285	iPKP	25 11.00	6.5X
MLR	154.78	316	ePKP	25 27.00	16.8X
COZ	155.83	317	ePKP	25 13.50	1.7
KIC	156.17	166	ePKP	25 13.90	1.0
BRG	156.70	339	ePKP	25 12.50	0.0
			e	25 23.40	
			ic	25 44.00	

S.D. = 1.4 on 55 of 65 obs.

? SEP 15, 1985 07h 33m 35.20± 6.75s
29.272 S ±45.2km 178.895 W ±29.6km
DEPTH = 258.4 ± 58.1 km
4.5mb (4 obs.)
KERMADEC ISLANDS (178)

GNZ	9.69	194	P	35 52.00	1.3
			S	37 31.00	
KRP	9.80	207	eP	35 59.00	7.0X
MNG	12.22	201	P	36 20.40	-1.9
			eS	38 26.00	
CAN	27.72	249	eP	39 03.30	1.3
CTA	32.86	278	iPc	39 50.20	3.2X
	0.7s		6.85nm		4.4mb
ASPA	42.40	266	eP	41 06.00	-0.3
	0.5s		13.00nm		4.5mb
WRA	43.28	271	Pd	41 13.70	0.3

15d 07h

0.5s 18.40nm 4.7mb
SPA 60.89 180 eP 43 23.00 0.2
0.9s 2.73nm 3.9mb
IPM 83.60 279 ePc 45 34.60 -1.5
KJF 141.19 342 ePKP 52 36.00 0.3
SUF 142.78 341 ePKP 52 37.00 -1.5
NUR 144.99 340 iPKP 52 44.00 1.7
0.5s 8.40nm
HFS 147.99 348 ePKP 52 51.40 4.2X
0.3s 3.40nm
BNG 150.28 217 iPKPd 52 56.30 4.1X
0.4s 14.00nm
ic 53 02.30
S.D. = 1.6 on 10 of 14 obs.

SEP 15, 1985 07h 57m 53.59± 0.42s
17.974 N ± 2.5km 97.158 W ± 2.7km
DEPTH = 64.8 ± 3.8 km
5.9mb (98 obs.)
OAXACA, MEXICO (60)
Ms 6.1 (PAS), mb 5.7 (BRK). Felt (VI) in the epicentral area. Felt (V) at Tecomachalco and Puebla, (IV) at Mexico City, (III) at Ticumon and Cuernovaca. Also felt at Jalapo, Tlaxcala, Oaxaca and Veracruz.
MOMENT TENSOR SOLUTION
Dep 90 No. of sta: 15
Moment Tensor; Scale 10**25 d-cm
Mrr=-1.12 Mtt= 0.46
Mff= 0.66 Mrt=-0.19
Mrf= 0.18 Mtf=-0.77
Principal axes:
T Val= 1.36 Plg= 6 Azm=229
N -0.22 1 139
P -1.14 84 36
Best Double Couple:Mo=1.3*10**25
NP1:Strike=320 Dip=39 Slip= -88
NP2: 137 51 -92
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 36C
Centroid Location:
Origin Time 07:57:51.8 0.3
Lat 17.70N 0.03 Lon 96.85W 0.03
Dep 71.3 1.3 Half-duration 3.8
Moment Tensor; Scale 10**25 D-CM
Mrr=-1.02 0.02 Mtt= 1.10 0.04
Mff=-0.07 0.04 Mrt=-0.22 0.03
Mrf= 0.08 0.02 Mtf=-0.50 0.03
Principal Axes:
T Val= 1.31 Plg= 6 Azm=200
N -0.26 0 290
P -1.05 84 22
Best Double Couple:Mo=1.2*10**25
NP1:Strike=290 Dip=39 Slip= -90
NP2: 110 51 -90

VHO 0.84 151 iP 58 12.00 1.8
VCM 1.56 38 iP 58 20.00 0.4
PIO 1.82 211 iP 58 18.00 -5.3X
TPM 2.07 299 iP 58 26.00 -0.8
IIP 2.15 310 iP 58 34.00 5.8X
III 2.23 281 iP 58 28.30 -0.9
PBJ 2.27 132 iP 58 31.30 1.8
UNM 2.35 305 iP 58 32.50 1.6
TAC 2.40 307 iP 58 33.00 1.4
iS 59 10.00
IIC 2.67 312 iP 58 37.00 1.6
OXM 2.74 299 iP 58 37.00 0.6
PIM 4.50 275 iP 58 58.50 -2.4
COM 5.11 109 iP 59 22.00 12.4X
JCT 12.68 350 iP 00 53.10 0.1
LTX 12.78 333 eP 00 56.50 2.2
1.0s 90.00nm 5.6mb
GCM 15.01 83 eP 01 23.70 0.2
eS 03 58.80
VVO 17.34 4 iPc 01 52.30 -0.5
OCO 17.48 359 iPc 01 54.90 0.4
IUL 17.91 4 iPc+ 01 58.30 -1.5
0.5s 918.50nm 6.2mb
Z 19s 4.87um 5.4MszX
iS 05 20.50
OLY 18.18 15 P 02 02.80 -0.2
RLO 18.22 6 iPc 02 02.80 -0.8
ALQ 18.82 336 iPd 02 11.00 -0.1

0.9s 136.55nm 5.2mb
POW 18.86 15 P 02 10.00 -1.3
TDM 19.02 321 P 02 13.00 -0.2
UPA 19.31 115 ePd- 02 16.10 -0.3
1.0s 82.00nm 4.9mb
Z 22s 13.59um
pP 02 36.00 102kmX
eS 06 05.00
RSCP 20.34 28 eP 02 25.30 -1.8
1.0s 880.00nm 6.0mb
FVM 20.79 15 eP 02 30.00 -1.6
1.0s 220.00nm 5.4mb
PRM 20.79 37 eP 02 30.00 -1.7
1.0s 43.00nm 4.7mb X
GLA 21.85 317 iPd 02 43.00 0.6
e 03 09.00
GOL 22.79 343 eP 02 52.50 0.7
1.0s 340.00nm 5.7mb
GLD 22.80 344 eP 02 53.10 1.3
1.5s 718.75nm 5.9mb
BAR 22.87 314 eP 02 54.00 1.6
e 03 12.00
TPC 23.31 317 eP 02 58.00 1.4
e 03 23.00
PLM 23.39 315 iPd 02 59.00 1.4
e 03 25.00
RVR 24.11 315 eP 03 05.00 0.6
e 03 30.00
BLA 24.16 34 iPc+ 03 04.20 -0.7
1.6s 2666.67nm 6.5mb
Z 20s 3.12um 4.8Msz
SDW 24.28 317 P 03 07.00 0.8
GSC 24.54 319 eP 03 09.00 0.3
e 03 36.00
MWC 24.70 315 eP 03 11.00 0.7
e 03 37.00
PAS 24.74 315 iP+ 03 10.00 -0.4
ePcP 03 17.00
eLg 03 36.00
eLR 08 12.00
ePcS 10 32.00
SBB 24.82 316 iPd 03 11.00 -0.3
e 03 39.00
CHI 25.20 17 P 03 15.00 0.3
CLC 25.37 319 iPd 03 16.00 -0.4
e 03 43.00
VPEM 25.59 318 P 03 18.80 0.2
PSO 25.64 128 eP 03 21.50 2.0
QUR 25.71 133 eP 03 21.40 1.3
ISA 25.83 317 eP 03 21.00 0.3
BMG 25.85 112 iP 03 21.00 -0.1
SYP 26.18 313 eP 03 24.00 -0.1
e 03 50.00
BOG 26.20 118 iP 03 27.00 2.4
iS 08 02.00
LGN 26.27 104 eP 03 11.50 -13.3X
RSSD 26.70 349 eP 03 28.30 -0.5
0.6s 33.38nm 5.1mb
e 03 56.50
BDW 26.88 340 eP 03 29.40 -1.0
1.0s 120.00nm 5.4mb
e 03 58.00
EUR 26.94 327 iP 03 31.00 0.0
1.0s 28.46nm 4.8mb X
SDV 27.30 106 iPc 03 35.00 0.5
1.0s 172.40nm 5.6mb
MNA 27.41 322 ePd 03 36.00 0.8
i 04 04.20
iPcP 06 53.80
i 07 13.50
PRI 27.55 316 ePd 03 36.30 -0.2
BMN 28.29 326 eP 03 43.20 0.1
1.0s 81.25nm 5.3mb
e 04 07.50
LDN 28.42 25 P 03 41.65 -2.4
JAS1 28.45 319 ePd 03 44.20 -0.2
i 04 12.70
iPcP 06 55.90
i 07 15.90
ELF 28.50 25 P 03 42.50 -2.3
ARN 28.81 317 eP 03 47.80 0.0
1.2s 10.00nm 4.3mb X
SJG 29.47 85 iPc 03 52.00 -1.8
i 08 45.00
BKS 29.57 317 iPd 03 55.00 0.5
1.5s 210.00nm 5.6mb
Z 20s 4.10um 5.1Msz

N 20s 3.60um
E 20s 7.00um
i(PP) 04 18.00
i 05 24.00
iS 09 00.00
eLQ 12 18.00
eLR 12 54.00
CCMT 29.91 337 ePd 03 57.90 0.2
GMTN 30.18 36 eP 03 58.19 -1.8
GMTN 30.18 36 iP 03 59.00 -0.9
i 04 25.90
i 04 40.20
i 04 54.70
CAR 30.19 100 eP 04 00.00 -0.4
CAR 30.19 100 iP 04 01.40 1.0
1.1s 106.33nm 5.5mb
TBR 30.34 36 P 04 00.00 -1.2
LCCM 30.36 339 iPd 04 01.50 -0.1
SXM 30.42 341 ePd 04 01.60 -0.5
LRM 30.54 339 iPd 04 03.10 -0.2
MIN 30.68 322 ePd 04 04.20 -0.2
BUT 30.75 339 ePd 04 04.90 -0.1
LHC 31.04 10 ePc 04 06.30 -1.0
0.5s 162.00nm 6.0mb
HRY 31.11 340 eP 04 07.70 -0.5
WDC 31.38 321 eP 04 07.80 -2.6
i 04 34.60
iPcP 07 02.30
i 07 22.50
SKLY 32.29 32 P 04 17.00 -1.2
FHC 32.39 320 eP 04 20.10 0.8
i 04 46.00
RSNY 32.59 31 eP 04 19.30 -1.6
1.1s 302.33nm 6.0mb
e 04 47.30
OTT 32.66 29 ePc 04 19.90 -1.6
1.5s 738.00nm 6.3mb
RSON 32.92 4 eP 04 22.40 -1.3
0.9s 109.24nm 5.7mb
pP 04 47.30 111kmX
CLX 33.53 338 iPd 04 28.30 -1.0
MNT 33.72 30 iP 04 29.50 -1.2
1.0s 390.00nm 6.3mb
LHD 33.72 338 eP 04 30.70 -0.2
LDM 33.80 338 iPd 04 30.70 -0.8
RXF 34.09 339 iPd 04 33.70 -0.3
SES 34.20 344 ePd 04 33.80 -1.1
0.9s 99.00nm 5.7mb
YKM 34.29 338 iPd 04 35.20 -0.6
NEW 34.31 336 eP 04 34.80 -1.1
e 05 01.00
TRN 35.35 97 iPc 04 42.60 -2.4
0.9s 78.50nm 5.6mb
MIM 35.89 35 P 04 48.40 -0.8
PNT 36.14 335 iPd 04 50.50 -0.8
pP 05 17.00 115kmX
FFC 36.87 355 ePd 04 55.80 -1.5
1.0s 126.00nm 5.8mb
HNME 37.04 34 eP 04 58.70 -0.2
1.0s 60.00nm 5.5mb
PGC 37.30 331 ePc 05 01.30 0.3
EDM 37.37 344 iPd 05 00.60 -1.1
0.9s 171.00nm 6.0mb
pP 05 26.00 110kmX
PHC 40.59 330 eP 05 29.00 0.7
ARE 42.54 142 iPd 05 44.50 -0.6
2.0s 517.65nm 6.0mb
SCH 43.50 25 ePc 05 51.10 -1.0
1.2s 870.00nm 6.4mb
ZOBO 44.45 138 iP 05 59.80 -1.1
1.2s 81.08nm 5.4mb
iS 12 05.00
LR 19 12.00
LPB 44.66 138 iPd 06 02.80 0.4
2.0s 564.71nm 6.0mb
i 06 27.30
iS 12 36.00
LR 20 03.00
CNCB 44.94 139 iP 06 04.50 -0.3
YKC 46.07 349 ePd 06 10.80 -1.7
0.7s 92.00nm 5.8mb
RSNT 46.10 349 P 06 11.30 -1.4
pP 06 39.00 120kmX
YKA 46.11 349 eP 06 12.50 -0.3
CCH 46.54 137 P 06 16.00 -1.1
STJ 46.69 41 ePc 06 16.80 -0.8
1.0s 1722.00nm 6.9mb X

Sta	Dist	Az	Phase	Time	Res
ANT	48.97	147	iPd-	06 35.80	0.3
FRB	49.74	16	eP	06 41.00	0.0
	1.2s	216.00nm			6.1mb
TPZ	49.85	14[illegible]	Pd	06 43.00	0.2
YJA	50.51	141	ePd	06 47.80	-0.2
SLA	52.47	143	ePc	07 00.80	-1.6
FSA	53.24	145	iPc	07 07.20	-0.6
VCA	54.22	148	ePc	07 15.80	0.6
INK	55.27	344	eP	07 19.00	-3.2X
	1.2s	383.00nm			6.3mb
			pP	07 39.00	79kmX
RTCB	56.21	151	iPd	07 28.60	-0.9
RTLL	56.23	150	ePd	07 28.60	-1.0
ZON	56.32	151	eP	07 28.00	-2.2
PME	56.62	333	eP	07 31.60	-0.4
PMR	56.65	333	P	07 31.80	-0.4
	1.0s	90.00nm			5.8mb
			pP	07 56.80	102kmX
KDC	56.69	328	eP	07 33.40	0.9
PEL	56.78	153	iPc	07 32.00	-1.5
BACH	57.04	153	eP	07 34.50	-0.8
SAN	57.05	154	ePc	07 35.00	-0.4
OPA	57.05	285	P	07 34.00	-1.7
FCH	57.10	153	iP	07 35.50	-0.6
			i	07 54.00	
HON	57.10	284	P	07 36.20	0.2
TACH	57.11	154	iP	07 34.50	-1.3
			i	07 53.50	
LNV	57.17	155	iP	07 35.00	-1.2
PCH	57.26	154	eP	07 35.00	-1.9
COL	57.66	337	iPd	07 38.40	-0.9
	1.1s	157.59nm			6.0mb
Z	18s	2.75um			5.4Msz
			eS	15 32.00	
FBA	57.66	337	eP	07 38.00	-1.3
	1.2s	203.10nm			6.1mb
GDH	57.85	17	iPc	07 40.30	-0.2
	0.9s	72.27nm			5.8mb
			i	07 58.00	
			i	08 10.00	
			iS	15 42.00	
BAO	58.84	122	iPc	07 47.20	-1.1
RFA	59.12	153	ePd	07 48.40	-1.5
MBC	59.42	354	eP	07 50.00	-1.4
	0.7s	67.00nm			5.9mb
RUV	59.46	239	iP	07 53.00	0.6
	1.2s	110.00nm			5.9mb
TPT	59.55	240	iP	07 53.40	0.4
	1.2s	125.00nm			5.9mb
VAH	59.69	240	iP	07 54.50	0.5
	1.2s	125.00nm			5.9mb
PMO	59.79	240	iP	07 55.30	0.7
	1.2s	140.00nm			6.0mb
TTA	60.13	333	eP	07 55.40	-1.1
IMA	60.38	337	eP	07 56.80	-1.5
SOB1	61.76	111	eP	08 05.50	-2.7
			e	08 13.90	
			e	08 25.00	
			e	08 34.30	
TVO	62.35	23[illegible]	iP	08 12.60	0.6
	1.2s	345.00nm			6.3mb
PPN	62.36	238	iP	08 12.40	0.4
	1.2s	140.00nm			5.9mb
PAE	62.55	238	iP	08 13.80	0.5
	1.2s	135.00nm			5.9mb
VAO	63.75	128	eP	08 19.90	-1.3
			e	08 30.60	
			e	08 38.30	
ITR	63.78	110	eP	08 20.80	-0.7
	1.6s	344.20nm			6.1mb
			e	08 39.30	
			e	08 46.20	
			e	08 56.20	
TBI	65.54	233	iP	08 32.80	0.1
	1.5s	300.00nm			6.0mb
BMA	65.72	126	eP	08 32.40	-1.5
ALE	66.00	5	iPd	08 33.30	-1.6
	1.2s	157.00nm			5.9mb
RDJ	66.54	126	eP	08 38.00	-1.1
REY	67.55	27	eP	08 45.00	0.1
AKU	69.27	26	iP	08 57.00	1.6
	2.6s	1500.00nm			6.5mb
ADK	69.64	319	P	08 57.40	-0.6
	0.8s	158.62nm			6.0mb
			pP	09 23.80	104kmX
DAG	69.97	14	iPc	08 56.70	-2.9
	0.5s	246.48nm			6.4mb

Sta	Dist	Az	Phase	Time	Res
			i	09 25.00	
			i	18 03.00	
SMY	75.15	321	eP	09 29.00	-1.6
ECB	76.21	39	iPc	09 37.30	0.8
ETA	76.48	39	iPc	09 39.00	0.9
	1.5s	887.00nm			6.5mb
ECP	76.49	39	iPc	09 38.90	0.8
	0.9s	295.00nm			6.2mb
EAB	76.81	35	iPc	09 40.50	0.7
	0.9s	91.00nm			5.7mb
ELO	77.09	35	ePc	09 42.20	0.8
EBH	77.25	35	iPc	09 43.10	0.8
	1.1s	132.00nm			5.8mb
PTO	77.34	51	iP	09 42.50	-0.6
EAU	77.37	35	ePc	09 43.70	0.7
EDU	77.45	34	iPc	09 44.20	0.9
			e	10 02.50	
LIS	77.47	53	iP	09 43.30	-0.5
EDI	77.50	35	iPc	09 44.40	0.8
	1.0s	130.00nm			5.9mb
			e	10 02.30	
EBL	77.62	35	iPc	09 45.10	0.8
	1.1s	113.00nm			5.8mb
ESK	77.63	36	eP	09 45.00	0.6
EKA	77.66	36	P	09 45.00	0.5
	1.1s	118.80nm			5.8mb
ESY	77.82	35	iPc	09 46.40	1.0
	1.0s	135.00nm			5.9mb
			e	10 04.00	
LPF	80.84	43	eP	10 01.50	-0.3
GRR	80.85	42	eP	10 01.80	-0.1
FLN	80.98	42	eP	10 02.80	0.2
	0.9s	102.30nm			5.8mb
TOL	81.02	51	iPd	10 03.70	0.7
	1.5s	10.00nm			4.5mb X
			ipP	10 23.20	72kmX
			e	10 47.20	
			ePP	13 35.70	
			eSS	25 00.70	
LDF	81.26	42	eP	10 04.40	0.4
MFF	81.84	44	eP	10 07.10	0.0
	1.4s	251.70nm			6.0mb
IFR	81.93	57	iPd	10 09.00	0.9
			i	10 35.50	
CRT	82.10	54	iPd	10 10.50	1.7
LFF	82.93	45	eP	10 12.70	-0.1
LSF	83.05	44	eP	10 13.10	-0.3
EPF	83.25	47	eP	10 14.50	-0.1
UCC	83.31	39	Pd-	10 16.00	1.4
			e	10 36.00	
			S	20 43.00	
LPO	83.32	45	eP	10 14.70	-0.1
	1.2s	160.60nm			5.9mb
DBN	83.34	37	eP-	10 16.00	1.3
			iS	20 36.00	
RJF	83.34	45	eP	10 14.60	-0.3
SNF	83.37	39	Pc	10 16.30	1.4
			e	10 36.00	
TCF	83.48	44	eP	10 15.30	-0.3
DOU	83.70	39	Pc	10 17.90	1.3
	1.5s	547.90nm			6.3mb
			e	10 37.00	
			PP	13 36.00	
			SKS	20 38.00	
			e	21 09.90	
GRC	83.71	42	iPd	10 17.00	0.3
			i	10 35.60	
			i	13 27.80	
TAF	83.71	56	iP	10 15.00	-2.1
MZF	83.75	44	eP	10 16.70	-0.3
MLS	83.79	47	iPd	10 17.70	0.4
BGF	83.81	43	eP	10 17.10	-0.2
CAF	83.83	45	eP	10 17.20	-0.2
	1.0s	62.00nm			5.6mb
MUD	83.88	32	iPc	10 19.70	2.4
	1.1s	174.00nm			6.0mb
WIT	83.93	36	eP	10 20.50	2.8
			epP	10 39.50	69kmX
			ePP	13 30.50	
EBR	84.06	49	eP	10 19.00	0.4
			eS	20 38.00	
AVF	84.06	43	eP	10 18.00	-0.5
SSF	84.06	42	eP	10 18.20	-0.3
KEV	84.18	17	iPc	10 19.50	0.8
	1.0s	140.00nm			6.0mb
			i	10 39.00	
			i	11 07.50	

Sta	Dist	Az	Phase	Time	Res
			eS	20 38.00	
			ePPS	22 00.00	
			eSS	26 00.00	
LOR	84.22	42	eP	10 19.30	0.0
	1.3s	423.00nm			6.3mb
ENN	84.25	38	iPd	10 20.20	0.8
	1.0s	375.00nm			6.4mb
			epP	10 39.50	70kmX
			ePP	13 35.00	
WTS	84.32	37	iPd	10 21.00	1.4
	1.0s	289.00nm			6.3mb
			epP	10 40.00	69kmX
			ePP	13 33.00	
MEM	84.36	39	Pd	10 21.00	1.1
			e	10 37.40	
LBF	84.39	42	eP	10 19.80	-0.4
SMF	84.42	43	eP	10 19.90	-0.5
WLF	84.79	39	P	10 22.60	0.5
			e	10 35.60	
STB	84.86	38	iPd	10 23.30	0.9
	1.5s	380.00nm			6.2mb
BNS	84.92	38	iPd	10 24.00	1.3
	1.6s	820.00nm			6.5mb
BGG	85.30	39	iPd	10 25.80	1.2
	1.8s	470.00nm			6.3mb
HAM	85.49	35	eP	10 27.00	1.5
HAU	85.53	41	eP	10 25.90	0.0
SOD	85.53	19	iP	10 25.20	-0.3
			i	10 44.50	
			iPP	13 42.50	
BSF	85.87	41	eP	10 27.50	-0.2
COP	85.87	32	eP-	10 28.00	0.7
			i	10 54.00	
			iS	21 03.00	
CDF	85.95	40	eP	10 28.00	0.0
	1.4s	230.90nm			6.1mb
TNS	85.95	38	ePd	10 28.70	0.7
			e	13 48.20	
UPP	86.36	27	iP	10 30.30	0.6
			i	10 35.60	
BUH	86.43	40	eP	10 31.10	0.8
EMS	86.63	43	ePd	10 32.50	1.0
AIA	86.66	167	eP	10 31.30	0.5
LPG	86.73	43	eP	10 32.50	0.3
CDR	86.76	45	iPd	10 32.40	0.4
			i	10 52.30	
			i	10 59.80	
DIX	86.93	42	ePd	10 34.10	1.0
SLE	86.95	41	ePd	10 33.40	0.5
STU	86.98	39	ePd	10 33.20	0.3
	1.7s	292.31nm			6.2mb
Z	20s	1.42um			5.4Msz
ZUL	87.00	41	ePd	10 33.90	0.8
LRG	87.24	45	eP	10 34.40	0.1
	1.8s	362.50nm			6.2mb
MMK	87.30	42	ePd	10 36.30	1.5
LMR	87.39	45	eP	10 34.80	-0.2
	1.5s	151.40nm			5.9mb
FRF	87.39	45	eP	10 34.80	-0.2
	1.8s	243.80nm			6.1mb
MOX	87.62	37	iPd	10 37.00	1.0
	2.4s	371.00nm			6.1mb
Z	32s	1.90um			5.3MszX
E	32s	1.20um			
			epP	10 56.00	68kmX
			ePP	14 01.00	
			eS	21 08.00	
			esS	21 48.00	
			esSP	22 45.00	
			eSS	26 55.00	
LLS	87.63	41	ePd	10 38.00	1.6
SAX	87.69	41	ePd	10 37.30	0.5
BRN	87.73	35	eP	10 38.00	1.6
			e	14 03.00	
GRF	87.80	38	ePd	10 38.00	1.1
	1.5s	178.00nm			6.0mb
Z	21s	1.00um			5.2Msz
KJF	87.84	21	iPc	10 37.50	0.7
	1.0s	120.00nm			6.0mb
			i	10 56.00	
			i	11 03.80	
			eS	21 12.00	
			ePS	21 52.00	
			eSS	26 52.00	
TMA	87.86	42	ePd	10 37.60	0.2
HOF	87.92	37	iPd	10 37.90	0.5
	1.3s	94.00nm			5.8mb

15d 08h

VDL 88.08 41 ePd 10 40.40 1.9
CLL 88.12 36 iPd 10 38.80 0.5
1.5s 77.00nm 5.7mb
epP 11 05.00 98kmX
eS 21 20.00
SUF 88.20 23 iP 10 38.30 -0.2
0.7s 74.40nm 6.0mb
OSS 88.42 41 ePd 10 40.70 0.6
FUR 88.49 39 iPc 10 41.60 1.3
1.0s 46.00nm 5.7mb
GAP 88.66 40 iPc 10 42.40 1.3
1.2s 80.00nm 5.8mb
BRG 88.85 36 iPd 10 42.10 0.3
1.3s 90.00nm 5.9mb
ipP 11 01.80 71kmX
eS 21 30.00
esS 22 02.00
ePKKP 28 21.00
OGA 88.89 41 iPd 10 42.90 0.5
1.2s 52.00nm 5.7mb
NUR 88.95 25 iPc 10 42.80 0.7
1.0s 66.00nm 5.9mb
i 11 09.00
iPP 14 10.50
eS 21 04.00
eScS 21 32.00
ePPS 22 28.00
eSS 27 12.00
WET 89.02 38 iPd 10 43.30 0.5
1.4s 148.00nm 6.1mb
KHC 89.43 38 iPd 10 45.00 0.3
1.2s 75.00nm 5.8mb
N 22s 0.60um
E 22s 0.70um
S 21 34.00
PRU 89.59 37 Pd 10 46.00 0.6
1.3s 63.20nm 5.7mb
Z 18s 1.30um 5.4Msz
N 18s 0.30um
E 18s 1.30um
e 11 12.70
S 21 34.00
BHG 89.65 39 eP 10 46.30 0.5
1.4s 161.00nm 6.1mb
KSP 90.17 36 ePd 10 48.00 -0.1
1.0s 40.00nm 5.7mb
id 11 15.40
i(PP) 14 22.00
KBA 90.23 40 iPd 10 48.90 0.3
1.8s 150.00nm 6.0mb
i 11 09.90
i 14 21.30
KMR 90.25 39 iP~ 10 49.00 0.5
i 14 19.80
KIC 90.35 83 iP 10 49.10 -0.4
i 11 10.40
VOY 91.04 41 ePd 10 52.30 0.0
e(pP) 11 13.20 76kmX
ePP 14 27.00
TRI 91.11 41 iP 10 53.60 1.2
i 11 12.90
LJU 91.43 40 eP 10 54.20 0.2
1.5s 420.00nm 6.6mb
e(pP) 11 20.10 96kmX
e 14 31.60
eS 21 22.00
VKA 91.44 38 iPd 10 55.00 1.0
2.0s 403.00nm 6.5mb
i 11 21.80
i 14 31.40
SOP 91.87 38 iPd 10 56.00 0.1
1.2s 89.80nm 6.1mb
ZST 91.93 38 iPd 10 56.90 0.7
Z 10s 73.00um 7.4MszX
i 11 24.40
e 14 33.80
KRA 92.58 35 eP 11 00.00 0.9
Z 25s 2.60um 5.6MszX
E 25s 3.30um
e 11 30.00
e 14 42.50
eS 21 28.00
SRO 92.83 38 eP 11 01.50 1.2
i 11 28.70
BUD 93.41 38 ePd 11 04.00 1.0
1.2s 79.50nm 6.0mb
PSZ 93.68 37 iP 11 05.10 0.7
2.0s 141.40nm 6.0mb
BEO 95.65 39 iP 11 14.20 0.8
CLO 96.91 38 ePd 11 19.00 -0.1
COZ 97.67 37 eP 11 23.00 0.2
e 14 34.00
SKO 97.78 41 iPd 11 23.30 0.2
Z 19s 1.27um 5.4Msz
i 11 50.30
i 15 20.00
eS 21 56.00
i 24 06.50
LR 00 06.50
OHR 97.83 42 eP 11 24.40 1.0
MLR 98.49 37 iPc 11 28.00 1.6
VAY 98.85 41 iP 11 29.00 1.1
MAT 104.70 317 (Pdiff11 54.00 -0.2
SPA 107.88 180 e(Pdif12 08.50 0.8
SBA 108.73 193 ePKP 16 27.10 11.1X
e 27 23.30
BNG 112.83 77 iPdiff12 30.50 -0.4
0.6s 6.00nm
ic 12 50.20
BNG 112.83 77 iPKPc 16 23.80 -1.9
0.9s 23.00nm
ic 16 44.00
ic 17 14.90
ic 17 34.10
WIN 118.59 106 ePKP 16 36.00 -0.7
1.0s 20.00nm
CTA 120.34 257 iPKPc 16 39.70 -0.1
1.1s 31.65nm
TUH 121.39 118 iPKPc 16 42.00 0.6
1.0s 40.00nm
i 18 39.80
SUR 122.76 117 iPKPc 16 44.50 0.2
1.1s 73.42nm
LWI 124.78 80 iPKPc 16 49.00 0.2
LSZ 127.72 96 iPKPd 16 54.20 -0.1
1.0s 37.60nm
i 17 13.80
ADE 127.85 239 iPKPc 16 53.70 -0.2
1.3s 69.23nm
PRY 128.40 110 iPKPd 16 55.00 -0.3
1.2s 130.00nm
SEK 128.57 112 iPKPc 16 55.00 -0.6
MAW 128.76 170 ePKP 16 55.00 0.5
BUL 128.89 102 iPKPc 16 55.70 -0.7
1.6s 163.33nm
ipPKP 17 15.50
iPKS 20 21.50
SLR 129.07 109 ePKP 16 56.00 -0.6
1.5s 155.56nm
BAG 129.52 310 ePKP 16 56.10 -1.6
EVA 129.81 110 ePKP 16 57.50 -0.6
DAV 131.01 297 ePKP 17 00.00 -0.4
CGP 131.04 299 ePKP 16 59.50 -1.0
2.0s 720.00nm
MTD 131.19 97 iPKPc 17 02.60 1.6
ipPKP 17 22.20
iPKS 20 25.20
WRA 131.41 259 PKP 16 45.00 -16.0X
0.9s 1.80nm
WRA 131.41 259 iPKPc 17 00.50 -0.5
i 17 51.80
e 19 17.20
NAI 131.86 75 ePKP 17 04.00 1.6
1.0s 100.00nm
JOZ 132.51 111 e(PKP)17 03.30 0.4
0.6s 33.33nm
TET 132.98 96 ePKP 17 04.00 -0.1
e 19 29.00
e 20 39.00
NDI 133.30 7 ePKP 17 04.50 0.1
CHG 140.17 336 iPKPc 17 10.00 -7.5X
1.0s 12.50nm
LOE 140.23 331 ePKP 17 09.50 -8.1X
NST 142.48 332 ePKP 17 17.80 -3.8X
POO 142.66 14 iPKPc 17 17.20 -4.7X
PCT 142.74 329 ePKP 17 18.50 -3.5X
KHT 143.93 334 ePKP 17 21.80 -2.3
HYB 144.58 7 ePKPd 17 22.00 -3.2X
1.0s 400.00nm
e 17 43.00
e 17 51.00
NNT 145.36 330 ePKPd 17 26.20 -0.3
RKG 145.56 236 ePKP 17 26.00 -0.4
e 17 41.00
KLB 145.68 240 ePKP 17 26.00 -0.7
1.4s 750.00nm
NWAO 145.74 238 ePKP 17 26.00 -0.8
1.3s 1095.00nm
AVY 146.71 97 ePKPc 17 28.60 -0.3
BAL 146.80 241 ePKP 17 28.00 -0.5
MUN 146.85 239 ePKP 17 28.00 -0.6
1.2s 373.00nm
MRWA 147.73 244 ePKP 17 30.00 -0.1
1.0s 170.00nm
GBA 148.17 10 PKPc 17 31.30 0.2
1.3s 369.30nm
NAU 149.06 256 ePKP 17 33.00 0.7
0.7s 54.00nm
NAU 149.06 256 ePKP 17 37.00 4.7X
1.0s 108.00nm
TRT 149.26 286 iPKPc 17 33.50 0.6
1.4s 494.20nm
SNG 149.46 323 ePKP 17 34.00 0.8
IPM 151.29 320 ePKPc 17 34.90 -1.1
1.2s 63.40nm
e 17 40.90
e 18 01.00
KOD 151.48 11 ePKP 17 36.40 -0.2
KGM 151.69 313 ePKPc 17 38.50 1.9
MED 153.52 322 e(PKP)17 41.00 1.9
PSI 154.06 321 iPKPc 17 40.50 0.6
1.5s 59.50nm
e 23 53.00
PPI 155.49 313 ePKPd 17 41.50 -0.3
e 21 00.00
S.D. = 1.0 on 317 of 331 obs.

* SEP 15, 1985 08h 23m 12.24± 1.12s
63.330 N ±11.5km 166.146 W ±12.9km
DEPTH = 15.0km (geophysicist)
4.5mb (4 obs.)
BERING STRAIT (673)
ML 4.2 (PMR). Felt (III) at Emmonak, Alaska.

ANM 1.29 15 eP 23 36.50 1.0
TTA 4.62 90 eP 24 22.40 -0.7
IMA 6.01 57 eP 24 41.30 -1.4
PMS 8.01 98 eP 25 09.50 -1.2
PME 8.11 94 eP 25 11.60 -0.4
COL 8.18 71 eP 25 10.00 -3.1X
FBA 8.18 71 eP 25 10.30 -2.8X
KDC 8.74 124 eP 25 19.50 -1.3
TOA 9.25 89 eP 25 28.60 0.7
INK 14.13 55 eP 26 42.00 8.4X
MBC 19.88 31 eP 27 46.00 0.8
YKA 22.97 69 eP 28 19.70 3.1X
YKC 23.04 69 eP 28 19.00 1.8
GAS 34.89 112 eP 30 05.50 0.7
e 30 10.30
JAS1 37.31 111 eP 30 26.10 1.0
e 30 31.00
EUR 37.93 105 eP 30 30.50 -0.1
0.8s 3.24nm 4.2mb
BDW 38.11 95 eP 30 32.60 0.6
VPEM 40.09 110 eP 30 49.00 0.5
LTX 51.90 100 eP 32 24.30 2.2
KJF 52.36 352 eP 32 23.00 -2.0
JCT 52.65 96 eP 32 26.50 -1.1
0.9s 6.30nm 4.5mb
e 32 31.50
SUF 53.93 353 iP 32 36.50 0.0
0.5s 2.80nm 4.5mb
NUR 56.21 354 iP 32 52.30 -0.9
0.7s 10.60nm 5.0mb
S.D. = 1.2 on 19 of 23 obs.

? SEP 15, 1985 09h 04m 42.84± 7.16s
4.027 S ±71.3km 135.939 E ±30.2km
DEPTH = 10.0km (geophysicist)
3.9mb (2 obs.)
WEST IRIAN REGION (196)

PMG 12.35 116 eP 07 40.00 -1.7
KNA 13.62 211 eP 07 58.00 -0.5
eS 10 24.00
WRA 15.90 185 eP 08 25.70 -2.7
i 08 37.10
eS 11 16.20
WRA 15.90 185 Pd 08 29.40 1.0
0.5s 2.50nm 3.6mb

CTA 18.87 149 IPd 09 06.60 1.0
0.7s 9.25nm 4.1mb
ASPA 19.62 186 eP 09 15.00 0.3
e(S) 12 44.00
BRS 28.25 147 IP 10 39.40 1.1
S.D. = 1.8 on 7 of 7 obs.

SEP 15, 1985 09h 09m 46.59± 0.53s
36.149 N ± 5.5km 120.136 W ± 4.6km
DEPTH = 10.0km (geophysicist)
CENTRAL CALIFORNIA (39)
ML 2.6 (BRK).

PHAM 0.38 217 eP 09 53.90 -0.5
PRI 0.43 269 IPc 09 56.00 0.6
PRS 1.01 281 ePc 10 05.30 -0.5
SAO 1.22 301 IP 10 09.40 0.1
SLD 1.27 317 eP 10 09.90 -0.3
WKTM 1.42 104 eP 10 11.00 -1.5
BLP 1.60 188 eP 10 16.00 1.0
ARN 1.64 317 eP 10 15.00 -0.6
JAS1 1.79 353 iPd 10 18.20 0.5
iS 10 42.20
VPEM 1.89 95 eP 10 19.80 0.5
EUR 4.69 43 IP 11 00.00 0.7
0.3s 0.96nm
S.D. = 0.8 on 11 of 11 obs.

? SEP 15, 1985 09h 23m 26.96± 3.17s
20.526 S ±22.0km 70.320 W ±23.3km
DEPTH = 33.0km (normal)
NEAR COAST OF NORTHERN CHILE (122)

ARE 4.19 344 eP 24 30.00 -0.5
CNCB 4.31 31 eP 24 33.00 0.6
TPZ 4.40 103 P 24 34.00 0.4
LPB 4.50 28 eP 24 36.00 1.0
ZOBO 4.72 27 P 24 38.60 0.4
CCH 5.04 52 P 24 40.70 -1.9
S.D. = 1.4 on 6 of 6 obs.

SEP 15, 1985 11h 25m 04.33± 0.42s
19.216 S ± 4.3km 175.576 W ± 3.0km
DEPTH = 247.3 ± 3.8 km
5.7mb (48 obs.)
TONGA ISLANDS (173)
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 40 Dip=80 Slip=-125
NP2: 296 36 -17
Principal Axes:
T Plg=27 Azm=157
P 44 276
Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a large left-lateral strike-slip component. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 245 No. of sta: 7
Moment Tensor; Scale 10**24 d-cm
Mrr=-2.21 Mtt= 0.97
Mff= 1.23 Mrt=-0.80
Mrf=-3.29 Mtf= 1.52
Principal axes:
T Val= 4.14 Plg=27 Azm=122
N 0.05 15 24
P -4.20 59 268
Best Double Couple:Mo=4.2*10**24
NP1:Strike=245 Dip=23 Slip= -47
NP2: 19 73 -106
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 29C
Centroid Location:
Origin Time 11:25:10.8 0.4
Lat 19.19S 0.04 Lon 175.58W 0.04
Dep 258.0 1.5 Half-duration 2.7
Moment Tensor; Scale 10**24 D-CM
Mrr=-2.23 0.08 Mtt= 1.49 0.15
Mff= 0.73 0.15 Mrt=-1.11 0.12
Mrf=-3.25 0.12 Mtf= 1.53 0.12
Principal Axes:
T Val= 4.16 Plg=27 Azm=130
N 0.16 17 31
P -4.32 58 272
Best Double Couple:Mo=4.2*10**24

NP1:Strike=255 Dip=24 Slip= -43
NP2: 26 74 -108

SVA	5.76	280	IPc	26	32.00	2.0
			S	27	42.80	
VUN	5.78	281	IPc	26	32.10	1.8
			eS	27	45.00	
SGE	6.38	284	IPd	26	40.70	2.8
AFI	6.41	35	P	26	31.00	-7.3X
			S	27	36.00	
MGO	6.50	282	IPd	26	42.10	2.7
NDF	6.77	281	eP	26	45.10	2.3
			eS	28	09.20	
YSA	6.98	290	IPc	26	46.60	1.2
RAO	10.22	192	P	27	25.00	-1.6
			S	29	17.00	
RAR	14.97	100	P	28	24.00	-1.6
			S	31	11.00	
PVC	15.36	273	IPd	28	31.50	1.2
NOU	17.09	257	IPd	28	49.00	-0.8
CRZ	18.40	212	P	29	04.30	0.8
KOU	18.99	263	IPd	29	09.00	-0.6
			iS	32	39.40	
GNZ	20.14	195	P	29	23.00	2.0
			pP	29	34.60	51kmX
			S	32	53.00	
KRP	20.19	201	IP	29	24.00	2.6
			eS	33	00.00	
MNG	22.67	198	P	29	44.40	-1.2
			S	33	40.70	
WEL	23.49	198	P	29	53.20	-0.2
			(pP)	30	50.20	
			S	33	52.00	
AFR	24.53	90	IP	30	02.70	-0.5
TBI	24.67	104	IP	30	04.80	0.4
	1.3s	570.00nm				5.9mb
PAE	24.70	91	IP	30	04.30	-0.5
PPT	24.72	90	IP	30	04.60	-0.4
	1.2s	1375.00nm				6.4mb
PPN	24.86	90	IP	30	05.70	-0.5
TVO	25.00	91	IP	30	07.10	-0.5
HNR	25.60	289	eP	30	11.00	-2.0
			eS	31	05.00	
SVO	25.84	289	eP	30	14.00	-1.2
VSG	25.88	289	eP	30	14.00	-1.6
PMO	26.77	85	IP	30	22.60	-0.9
	1.2s	295.00nm				5.8mb
VAH	26.97	86	IP	30	23.90	-1.4
	1.2s	165.00nm				5.5mb
TPT	27.03	85	IP	30	24.90	-1.0
	1.2s	295.00nm				5.8mb
RUV	27.21	86	IP	30	26.30	-1.2
	1.2s	260.00nm				5.7mb
MSZ	28.87	285	P	30	40.30	-1.8
BRS	30.12	248	IPd	30	52.80	-0.5
			i	31	42.20	
			I(PcP)	33	48.20	
			e(S)	42	46.00	
COO	31.49	243	IPd	31	05.20	-0.1
	0.6s	274.00nm				6.1mb
RIV	32.96	237	eP	31	17.00	-0.9
RMQ	33.58	251	IPd	31	23.50	0.3
	0.7s	744.00nm				6.4mb
ALOA	34.04	280	eP	31	24.00	-3.2X
CAN	35.11	235	IPd	31	36.00	-0.2
			i	32	07.30	
WAM	35.48	234	eP	31	37.40	-1.7
CTA	35.91	262	IPd-	31	42.50	-0.4
			IPP	33	16.80	
			IPcP	34	04.90	
			iS	37	00.20	
			IScP	37	30.70	
			iScS	41	37.20	
CMS	36.77	243	IPd	31	49.40	-0.7
	1.2s	780.00nm				6.1mb
KVG	36.81	293	eP	31	46.50	-4.0X
PMG	37.33	280	IPd	31	54.20	-0.7
	0.7s	616.44nm				6.3mb
RKT	37.98	103	IP	32	01.00	0.8
	1.0s	510.00nm				6.0mb
LAT	38.45	284	eP	32	04.00	-0.2
TOO	38.49	233	IPd	32	03.90	-0.5
	0.6s	233.00nm				5.9mb
TAU	39.14	225	IPd	32	09.20	-0.3
MDG	40.12	285	eP	32	17.00	-0.9
STK	40.40	243	IPd	32	20.00	-0.1
	0.5s	113.00nm				5.6mb

BFD	40.64	235	IPd	32	21.60	-0.3
ISO	42.10	260	IPd	32	33.00	-1.1
	0.6s	125.00nm				5.5mb
			IPcP	34	24.00	
ADE	43.24	239	IPd	32	42.20	-1.0
	0.8s	123.88nm				5.3mb
ASPA	47.04	255	IPd	33	12.20	-1.1
			e(S)	39	42.00	
WRA	47.05	260	Pd	33	08.90	-4.4X
	0.7s	166.30nm				5.5mb
GUA	50.73	307	eP	33	39.90	-1.6
	1.2s	1137.50nm				6.2mb
			pP	34	54.80	363kmX
PJG	50.80	307	eP	33	40.40	-1.5
KNA	53.02	264	IPd	33	57.30	-1.1
	0.5s	233.00nm				5.9mb
SBA	59.31	184	IPc	34	44.80	2.8
	0.9s	67.23nm				5.3mb
			e	03	45.90	
MBL	60.27	256	IPd	34	47.80	-1.6
KLB	60.66	244	IPd	34	50.50	-1.4
	0.9s	900.00nm				6.4mb
NWAO	60.98	242	IPd	34	52.90	-1.1
	0.4s	70.00nm				5.6mb
RKG	61.07	241	IPd	34	53.30	-1.3
	0.6s	115.00nm				5.7mb
BAL	61.66	245	IPd	34	56.90	-1.7
	0.6s	103.00nm				5.6mb
MUN	61.94	243	IPd	34	59.00	-1.4
	1.0s	160.00nm				5.6mb
MRWA	62.44	246	IPd	35	02.20	-1.6
	0.5s	120.00nm				5.8mb
DAV	63.57	288	eP	35	10.00	-1.2
	0.9s	544.54nm				6.3mb
NAU	63.97	254	IPd	35	13.00	-0.7
MKS	64.66	273	IP	35	16.50	-1.8
CNP	66.78	293	IPd	35	18.00	-13.6X
OYM	69.19	322	IPd	35	44.10	-2.1
TSK	69.24	323	IPd	35	45.30	-1.2
SRY	69.30	322	IPd	35	45.10	-1.8
DDR	69.62	322	IPd	35	47.90	-1.0
ADK	70.80	359	eP	35	53.70	-1.8
PPR	70.84	288	ePc	35	52.00	-4.5X
MAN	70.85	294	IPc	35	55.00	-1.6
SPA	70.90	180	IPc	35	58.10	1.8
	0.9s	60.45nm				5.3mb
			e	36	57.00	
CVP	71.60	297	ePc	36	00.00	-1.0
	1.2s	252.00nm				5.8mb
KKM	71.66	283	ePd	36	00.70	-0.8
	0.9s	257.60nm				6.0mb
BAG	72.06	295	eP	36	02.00	-2.0
SMY	72.20	353	eP	36	02.20	-1.6
SHK	72.64	317	IPd	36	06.20	-0.5
SYP	75.15	45	eP	36	22.00	0.6
			e	37	19.00	
PRI	75.66	43	eP	36	25.10	0.9
			e	37	21.10	
BKS	75.73	41	IPd	36	24.60	0.2
	1.0s	70.00nm				5.3mb
			i	37	20.20	
ARN	75.85	42	eP	36	25.70	0.6
	0.8s	6.80nm				4.4mb X
			pP	37	21.70	237kmX
PAS	76.15	46	eP	36	27.00	0.2
			e	37	23.00	
MWC	76.27	46	eP	36	27.00	-0.7
			e	37	24.00	
PLM	76.60	47	eP	36	29.00	-0.6
			e	37	27.00	
RVR	76.61	47	eP	36	30.00	0.7
			e	37	26.00	
SBB	76.69	46	eP	36	30.00	0.1
			e	37	27.00	
ISA	76.82	45	eP	36	31.00	0.5
			e	37	27.00	
JAS1	76.90	42	IPd	36	31.10	0.3
			i	36	56.60	
			I	37	27.60	
WDC	77.24	39	IPd	36	33.10	0.4
			i	36	42.90	
			i	37	30.60	
CLC	77.49	45	IPd	36	35.00	0.8
			e	37	31.00	
TPC	77.58	47	eP	36	35.00	0.2
			e	37	33.00	
QZH	77.64	302	IPd	36	34.50	-0.7

15d 11h

			pP	37	41.50	286kmX	SES	89.50	35	IPd	37	34.30	-0.2	UPP	138.31	350	IPKP	43	55.90	-5.4X
GSC	77.73	46	eP	36	36.00	0.4		1.5s	172.00nm			5.8mb		HFS	138.59	353	ePKP	43	50.40	-11.4X
			e	37	31.00					pP	38	35.00	250kmX		0.7s	9.80nm				
GLA	77.87	49	eP	36	37.00	0.7	EDM	89.81	32	IPd	37	35.50	-0.3	BHD	141.76	300	IPKPd	44	03.00	-5.3X
MNA	78.63	42	IPd	36	41.00	0.5	NST	89.84	287	IPd	37	39.10	2.5	MSL	142.01	305	ePKPd	44	03.50	-5.2X
			i	37	37.90		HHC	90.11	314	IPc	37	38.00	0.4	NAI	142.24	241	IPKPd	44	07.30	-3.1X
KDC	79.05	12	eP	36	41.70	-0.4	SNA	90.58	178	eP	37	41.00	1.8		1.5s	138.89nm				
BMN	80.38	41	eP	36	50.20	0.4	RSSD	90.66	43	eP	37	30.30	-9.9X	ELO	142.31	7	ePKPc	44	03.40	-5.2X
	1.0s	27.50nm				4.9mb		1.0s	40.00nm			5.3mb		EAB	142.50	8	ePKPc	44	04.10	-4.8X
			pP	37	46.50	235kmX				pP	38	40.00	290kmX	EBH	142.55	7	ePKPc	44	04.40	-4.6X
EUR	80.63	43	iP	36	41.10	-10.1X	KMI	90.82	296	Pd	37	43.00	1.7	MUD	142.64	356	ePKP	44	06.00	-3.1X
	0.2s	21.77nm								i	39	10.00		EAU	142.95	7	ePKPc	44	05.90	-3.8X
NJ2	80.84	308	IPd	36	52.50	0.4	KHT	90.95	285	eP	37	43.20	1.5	ESY	142.98	7	ePKPc	44	05.60	-4.1X
			i	38	15.00		BTO	91.07	313	IPd	37	43.00	1.0	EKA	143.49	7	PKPd	44	06.60	-4.0X
GZH	81.11	298	IPd	36	54.60	0.9				ePP	41	19.00			0.8s	15.30nm				
PHC	81.46	29	ePd	36	55.00	0.1	OCO	91.74	53	eP	37	46.60	1.5	RTB	145.15	300	IPKPc	44	15.00	0.8
PGC	81.96	32	eP	36	58.00	0.5	CHG	91.97	289	IPd	37	48.60	2.2				e	47	34.00	
KGM	82.26	275	IPd	37	01.80	1.9		1.0s	130.50nm			5.9mb		AAE	145.26	258	iPKP	44	17.10	1.8
	1.0s	196.70nm				5.8mb	CD2	92.03	302	P	37	48.20	1.6	HAM	145.55	354	IPKPd	44	15.80	1.7
QIZ	82.43	293	Pd	37	01.00	0.4	INK	92.46	14	IPd	37	46.50	-1.1	ETA	145.57	11	ePKP	44	14.50	0.1
CN2	82.70	321	IPd	37	01.80	0.3		1.0s	80.00nm			5.7mb			0.9s	228.00nm				
			i	38	25.00		VVO	92.98	54	ePd	37	51.30	0.5	ECB	145.78	12	ePKP	44	14.90	0.3
			S	46	57.00		TUL	93.15	53	eP	37	51.40	-0.1	ECP	146.03	12	ePKP	44	14.40	-0.6
SNY	82.72	319	IPd	37	02.10	0.5		0.8s	17.50nm			5.2mb			1.1s	314.00nm				
			i	38	26.00		LZH	93.82	307	IPd	37	56.50	1.7	BRL	146.10	350	ePKP	44	16.50	1.5
PMR	83.26	12	P	37	04.50	0.6	RLO	93.82	53	ePd	37	50.30	-4.4X	BRN	146.16	350	ePKPc	44	16.50	1.3
TTA	83.31	9	eP	37	04.20	-0.1	YKA	94.41	24	eP	37	57.30	0.6	WIT	146.42	358	IPKPd	44	18.50	2.9
PME	83.32	12	eP	37	02.60	-1.6	YKC	94.45	24	eP	37	56.00	-0.9				i	44	32.60	
	1.0s	67.50nm				5.4mb		0.9s	23.00nm			5.4mb					epP	45	20.00	
MAW	83.53	199	eP	37	07.00	1.7	GTA	97.94	309	IPd	38	14.00	0.6	KRA	146.83	342	IPKPd	44	18.50	2.2
WHN	83.54	305	IPd	37	07.00	1.0	SHL	100.27	294	IPdiff	38	23.60	-0.8		1.0s	162.00nm				
			ipP	38	10.00	264kmX	WMQ	107.81	311	Pdiff	38	56.50	-0.9				i	44	20.40	
TIA	84.12	311	Pd	37	09.20	0.4				PP	43	23.00					i	44	25.80	
PNT	84.33	33	IPd	37	09.70	0.1	HYB	110.12	282	ePKP	43	07.50	-1.4	CLI	146.90	331	IPKPd	44	19.00	2.4
	0.9s	85.00nm				5.6mb	GBA	110.18	278	PKPd	43	07.60	-1.3	PPE	146.99	330	IPKPc	44	20.00	3.3X
			pP	37	32.00	83kmX		0.7s	2.70nm					WTS	147.23	357	ePKP	44	17.00	0.1
LTX	84.45	57	eP	37	12.60	1.9	NDI	113.69	294	IPKPc	43	14.50	-0.9		1.0s	299.00nm				
	1.0s	18.00nm				4.8mb		0.8s	22.39nm								i	44	19.90	
			pP	38	11.00	242kmX	POO	114.74	282	IPKPd	43	17.00	-0.7				epP	45	19.00	
ALQ	84.83	50	IPd	37	13.20	0.6		1.0s	26.00nm					CLL	147.26	350	IPKP	44	16.40	-0.6
	1.0s	38.00nm				5.2mb	QUE	122.76	294	ePKP	43	33.00	0.1		1.2s	450.00nm				
			epP	38	11.00	239kmX	AVY	123.06	231	ePKP	43	32.70	-1.0				i	44	19.90	
NEW	85.01	35	IPd	37	12.80	-0.2	TUH	125.92	195	ePKP	43	44.50	5.8X				pPKP	45	21.20	
			e	38	12.00		SUR	126.35	197	IPKPc	43	40.50	0.7				iSKP	47	37.80	
IPM	85.28	276	ePd	37	13.30	-1.7		0.9s	48.74nm					CFR	147.47	328	IPKPd	44	21.00	3.5X
	0.8s	331.90nm				6.2mb	SOB1	127.16	118	ePKP	43	40.60	-1.0	SPC	147.50	341	ePKP	44	20.90	3.2X
			e	37	18.30					e	43	44.60		BRG	147.52	349	IPKPd	44	17.50	0.1
LHD	85.86	35	IPd	37	17.90	0.6				e	43	49.40			1.4s	64.00nm				
CLX	86.07	36	IPd	37	18.50	0.1				e	44	44.70					id	44	20.70	
LDM	86.10	35	IPd	37	18.70	0.3	BLF	127.56	204	IPKPc	43	43.50	1.3				i	44	26.30	
YKM	86.12	35	IPd	37	18.90	0.3		0.9s	29.23nm								epPKP	45	21.00	
LRM	86.28	39	eP	37	19.90	0.3	KEV	127.62	350	ePKP	43	35.00	-5.8X	VRI	147.66	330	ePKP	44	21.00	3.1X
RXF	86.44	35	IPd	37	20.50	0.4		0.8s	39.60nm					BRD	147.77	330	ePKP	44	14.00	-4.0X
BDW	86.47	42	eP	37	20.30	-0.3				i	43	40.80		LWI	147.93	231	IPKPd	44	19.60	0.1
	1.0s	9.60nm				4.6mb X	SEK	127.68	206	IPKPd	43	43.50	1.1	LWI	147.93	231	IPKPd	44	24.10	4.6X
			pP	38	18.50	240kmX		1.1s	25.32nm					TLB	147.95	327	IPKPd	44	22.00	3.7X
COL	86.52	11	IPd	37	19.20	-0.8	EVA	128.64	209	ePKP	43	45.50	1.2	MOX	148.12	351	ePKP	44	18.00	-0.4
	0.8s	131.72nm				5.8mb	PRY	128.97	207	IPKPd	43	45.50	0.6		1.4s	223.00nm				
			e	38	17.00			1.0s	30.00nm								i	44	22.00	
FBA	86.52	11	eP	37	18.80	-1.2	ITR	129.45	119	ePKP	43	45.70	-0.2				i	45	26.50	
	1.0s	153.80nm				5.8mb		0.6s	5.20nm					BNS	148.25	357	IPKPd	44	22.60	4.0X
SNG	86.53	279	eP	37	23.50	2.4				e	44	48.90			1.2s	370.00nm				
BJI	86.61	314	iPd	37	21.50	0.6				e	46	47.10		PRU	148.25	348	PKP	44	19.00	0.4
IMA	86.62	9	eP	37	20.20	-0.4	SLR	129.66	208	ePKP	43	45.50	-0.7		1.2s	183.20nm				
PSI	86.63	274	iPd	37	21.50	-0.1		1.3s	40.38nm								i	44	23.00	
	1.0s	83.00nm				5.5mb	SOD	129.81	349	IPKP	43	44.10	-0.9				e	44	26.50	
			e	40	42.50		SOD	129.81	349	ePKP	43	36.00	-9.0X				pPKP	45	27.00	
			e	41	33.00					i	43	44.30					e	46	44.00	
MED	87.14	275	ePd	37	27.10	3.1X				iSKP	46	46.00		ISR	148.29	330	IPKPd	44	23.00	4.1X
			e	40	47.00		KJF	132.38	346	ePKP	43	43.00	-7.0X	MLR	148.31	331	IPKPd	44	19.00	-0.1
GOL	87.78	47	eP	37	27.70	0.8		0.8s	38.10nm					MSR	148.40	332	IPKPd	44	22.00	2.9X
	0.9s	15.15nm				4.8mb				i	43	47.80		HOF	148.41	351	IPKPd	44	18.80	-0.1
			pP	38	26.60	242kmX				iSKP	46	56.00		UCC	148.49	0	PKP	44	21.00	2.1
GLD	87.90	47	eP	37	28.80	1.4				iPKS	47	15.60					e	44	24.00	
	1.0s	40.00nm				5.2mb	SUF	134.02	346	IPKP	43	47.30	-5.8X				e	45	27.00	
			pP	38	27.00	239kmX		0.6s	2.50nm					ENN	148.50	358	ePKP	44	19.00	0.0
GYA	88.02	299	Pd	37	29.00	0.8	BUL	134.26	213	PKPc	43	55.10	0.0		0.8s	99.00nm				
			i	39	27.00					eSKP	46	25.30					epP	44	22.00	
TIY	88.14	311	IPd	37	29.30	0.9	TET	134.64	221	ePKP	43	57.00	1.3				i	44	23.20	
			pP	38	39.00	291kmX	MTD	135.36	218	ePKP	43	59.30	2.1	PSN	148.50	326	ePKPd	44	24.00	4.8X
			S	47	36.00					iSKP	46	36.40		BHL	148.62	304	PKP	44	19.00	-0.9
PCT	88.35	286	eP	37	30.50	0.8	NUR	136.31	346	IPKP	43	48.00	-9.5X	STB	148.63	357	IPKPd	44	23.30	4.1X
SYO	88.48	192	iP	37	30.30	0.8		0.8s	19.10nm						1.2s	140.00nm				
LOE	89.00	289	eP	37	32.00	-0.8				i	43	57.00		MEM	148.65	358	PKP	44	19.20	0.0
NNT	89.17	284	IPd	37	35.20	1.6				iPKS	47	29.00					e	44	23.50	
XAN	89.19	306	IPd	37	34.20	0.8	WIN	136.67	197	IPKPc	44	02.00	2.3				e	45	27.40	
			pP	38	41.00	277kmX		0.9s	29.41nm					PSZ	148.73	340	IPKP	44	19.10	-0.5

	1.0s	13.40nm				
SNF	148.77	0	PKP	44	20.10	0.7
			e	44	24.00	
			e	45	26.40	
TNS	148.90	355	iPKPd	44	24.30	4.6X
			e	45	29.90	
BGG	148.99	356	iPKPd	44	24.30	4.5X
	0.8s	185.00nm				
BUC	149.04	329	ePKPd	44	26.00	6.0X
GRF	149.11	351	ePKPd	44	20.20	0.2
			i	44	25.10	
COZ	149.17	332	ePKPd	44	26.00	5.5X
DOU	149.19	360	PKP	44	21.10	1.0
			i	44	25.00	
			e	45	30.20	
ADI	149.23	303	iPKPd	44	25.90	5.2X
KHC	149.26	348	iPKPd	44	20.20	-0.1
	1.1s	301.00nm				
			i	44	25.10	
			i	44	30.00	
			i>PKP	45	30.00	
SRO	149.32	342	ePKP	44	19.70	-0.6
			i	44	25.10	
			i	45	27.40	
			e	46	15.00	
ZST	149.31	343	ePKP	44	20.70	0.4
			i	44	25.70	
			i	44	30.80	
			i	45	29.60	
DEV	149.34	334	ePKPc	44	27.00	6.5X
WET	149.37	349	iPKPc	44	20.90	0.4
BUD	149.39	340	iPKPd	44	20.20	-0.3
	1.0s	20.40nm				
GPA	149.43	319	ePKP	44	21.60	0.8
VKA	149.46	344	ePKP	44	21.00	0.4
	2.0s	597.00nm				
			i	44	26.00	
			i	44	31.60	
			i	45	30.00	
HRT	149.51	320	iPKPd	44	25.50	4.6X
WLF	149.59	358	PKP	44	21.90	1.2
			e	44	26.50	
			e	45	29.90	
JER	149.65	300	iPKPc	44	21.00	-0.5
ISK	149.72	321	ePKP	44	27.00	5.8X
YLV	149.84	320	ePKP	44	27.00	5.5X
SOP	149.93	344	ePKP	44	20.80	-0.5
	1.4s	39.10nm				
DMK	149.98	324	iPKP	44	26.40	4.8X
CSS	150.00	307	ePKP	44	27.50	5.7X
CLO	150.03	333	ePKPd	44	21.00	-0.5
CTT	150.04	322	ePKPd	44	27.00	5.3X
KMR	150.17	347	iPKP-	44	27.40	5.8X
			i	45	30.00	
JMB	150.19	326	ePKP	44	21.00	-0.8
FLN	150.26	7	ePKP	44	21.00	-0.7
	1.1s	81.30nm				
PVL	150.42	328	iPKPc	44	24.00	1.8
BUH	150.45	355	ePKP	44	22.00	-0.1
LDF	150.46	6	ePKP	44	21.40	-0.6
	1.2s	83.30nm				
RMN	150.47	298	iPKP	44	23.00	0.3
GRR	150.59	7	ePKP	44	21.70	-0.5
	1.1s	35.20nm				
FUR	150.59	351	ePKP	44	22.20	-0.1
			i	44	28.40	
			i	44	35.80	
BHG	150.74	348	ePKP	44	22.00	-0.5
CDF	150.78	356	ePKP	44	21.80	-0.9
BCK	150.81	314	iPKP	44	27.70	4.6X
BNT	150.84	321	iPKP	44	28.50	5.6X
EDC	150.88	321	iPKPd	44	28.60	5.6X
LPF	150.92	8	ePKP	44	22.70	0.0
	1.2s	33.00nm				
KGT	151.14	327	iPKPd	44	28.50	5.2X
BEO	151.19	336	iPKP	44	23.30	0.1
BEO	151.19	336	iPKP	44	23.30	0.1
HAU	151.24	357	ePKP	44	22.70	-0.6
KBA	151.27	347	iPKPd	44	22.50	-1.1
	0.9s	147.10nm				
			i	44	29.20	
			i	44	39.00	
			i	45	33.70	
			e	48	04.00	
SLE	151.33	354	ePKP+	44	23.30	-0.1
BSF	151.39	357	ePKP	44	22.90	-0.7
	1.2s	27.50nm				

KDZ	151.42	326	iPKPd	44	24.00	0.3
PLD	151.42	327	iPKPd	44	28.00	4.3X
ELL	151.65	313	ePKP	44	28.00	3.6X
SAX	151.75	353	ePKPd	44	23.90	-0.5
VTS	151.79	330	iPKPd	44	31.00	6.8X
OGA	151.89	350	iPKPd	44	24.50	0.0
GRC	151.97	2	iPKPd	44	24.50	0.2
			i	44	31.70	
			i	44	41.50	
			i	45	36.00	
LJU	151.97	345	ePKPd	44	24.00	-0.4
			e	45	32.50	
LOR	152.02	1	ePKP	44	23.80	-0.6
	1.0s	40.00nm				
EZN	152.12	322	iPKP	44	30.70	6.0X
VOY	152.14	346	ePKPd	44	24.30	-0.5
			i	44	31.10	
			i	44	37.80	
			i(pPKP	45	35.60	
OSS	152.20	352	ePKP+	44	24.20	-0.7
SSF	152.22	1	ePKP	44	24.20	-0.5
	1.0s	46.00nm				
MMB	152.29	328	iPKPc	44	25.00	0.0
LBF	152.30	1	ePKP	44	24.30	-0.6
	1.1s	22.30nm				
MFF	152.43	7	ePKP	44	24.60	-0.4
IZM	152.46	319	ePKP	44	32.00	6.6X
TRI	152.47	346	ePKP	44	25.20	0.1
			i	44	31.90	
			i	45	36.40	
AVF	152.48	2	ePKP	44	24.30	-0.8
	1.0s	12.50nm				
PRK	152.53	321	ePKP	44	32.50	7.2X
YER	152.54	315	iPKP	44	32.10	6.6X
SMF	152.64	1	ePKP	44	24.80	-0.5
	1.2s	35.70nm				
BGF	152.70	2	ePKP	44	25.00	-0.4
	1.2s	40.00nm				
TMA	152.93	353	ePKPd	44	25.50	-0.5
LSF	152.93	4	ePKP	44	24.80	-0.9
TCF	152.94	3	ePKP	44	25.10	-0.7
	1.1s	24.80nm				
MZF	153.03	3	ePKP	44	25.40	-0.5
VAY	153.07	329	iPKP	44	25.40	-0.7
			i	44	33.00	
			i	44	46.00	
MMK	153.08	355	ePKP+	44	26.60	0.3
DIX	153.10	355	ePKPd	44	26.70	0.4
SKO	153.10	331	iPKP	44	25.30	-0.8
			i	44	33.50	
			i	44	46.00	
TTG	153.66	335	ePKP	44	25.50	-1.3
LPG	153.72	356	ePKP	44	27.00	-0.2
RJF	153.87	5	ePKP	44	26.50	-0.6
OHR	154.08	331	iPKP	44	26.40	-1.1
			i	44	35.70	
			i	44	46.80	
LFF	154.17	6	ePKP	44	27.00	-0.4
KZN	154.24	328	ePKP	44	36.00	8.2X
CAF	154.29	4	ePKP	44	27.40	-0.3
LPO	154.46	5	ePKP	44	27.60	-0.3
ATH	154.87	322	ePKP	44	36.70	8.1X
CDR	155.59	358	ePKPc	44	29.40	0.0
			e	44	38.80	
			i	44	51.50	
			i	44	56.30	
FRF	155.66	356	ePKP	44	28.80	-0.7
LRG	155.78	357	ePKP	44	29.50	-0.2
LMR	155.89	356	ePKP	44	29.20	-0.6
EPF	156.01	7	ePKP	44	30.00	-0.1
	0.9s	11.40nm				
BNG	159.86	225	iPKPd	44	34.30	-1.1
	0.9s	74.00nm				
			id	44	41.00	
			id	45	15.20	
			ic	45	23.50	
			ic	46	08.30	
AVE	162.43	35	iPKP	44	39.50	2.1
			i	45	28.00	
IFR	163.40	29	iPKPd	44	40.50	1.9
			i	45	32.00	
KIC	164.42	144	iPKP	44	39.80	-0.1

S.D. = 1.1 on 270 of 336 obs.

SEP 15, 1985 12h 20m 56.71± 0.17s
40.362 N ± 3.5km 139.223 E ± 3.3km
DEPTH = 22.8km (4 depth phases)

5.2mb (46 obs.)
NEAR WEST COAST OF HONSHU, JAPAN(226)

MAT	3.90	192	iPc	21	55.00	-1.6
			iS	22	37.90	
TSK	4.20	170	eP	22	01.70	0.7
DDR	4.36	180	eP	22	08.90	5.7X
SRY	4.75	179	eP	22	07.90	-0.8
OYM	4.93	180	eP	22	11.60	0.2
KYS	5.21	172	eP	22	17.90	2.7
SHK	7.81	224	ePc	22	51.80	0.1
			eS	24	15.60	
CN2	10.80	293	Pc	23	33.20	0.2
			esP	23	45.00	
SNY	11.90	282	eP	23	48.20	0.3
SSE	17.29	243	eP	25	01.00	2.8
			S	28	20.00	
BJI	17.61	276	eP	25	03.50	1.4
			eS	28	25.00	
TIA	17.83	264	eP	25	06.70	1.8
			S	28	31.00	
NJ2	18.38	250	Pd	25	12.50	0.8
TIY	20.95	271	eP	25	42.00	1.6
HHC	20.98	280	P	25	41.00	0.3
BTO	22.18	280	eP	25	52.00	-0.8
WHN	22.44	252	eP	25	53.00	-2.3
			eS	30	10.00	
XAN	24.87	265	eP	26	18.00	-1.0
			eS	30	50.00	
LZH	28.00	273	eP	26	46.50	-1.5
GTA	30.09	281	P	27	04.80	-1.9
CD2	30.16	263	P	27	04.20	-3.1X
GYA	30.32	253	P	27	05.60	-3.3X
CGP	34.31	206	ePd	27	40.40	-3.2X
	0.8s	26.00nm				5.2mb
CHG	40.63	250	iPc	28	36.00	-0.6
	1.0s	12.50nm				4.6mb
IMA	44.74	32	P	29	09.70	-0.1
COL	47.25	34	iPc	29	30.00	0.5
	1.0s	56.50nm				5.6mb
FBA	47.25	34	P	29	29.50	0.0
	1.0s	58.75nm				5.6mb
INK	52.23	28	iPc	30	06.70	-0.9
PSI	52.25	235	ePc	30	06.50	-1.9
			e	32	00.00	617kmX
QUE	58.39	284	eP	30	50.60	-2.4
GBA	59.87	262	Pd	31	01.60	-1.5
WRA	60.16	185	Pd	31	00.60	-4.3X
	1.4s	55.20nm				5.5mb
KJF	62.78	333	iP	31	21.00	-1.1
	0.8s	32.30nm				5.5mb
ASPA	63.89	185	eP	31	28.00	-1.8
	0.9s	32.00nm				5.5mb
SUF	64.24	332	iP	31	30.60	-1.2
	0.6s	8.10nm				5.0mb
NUR	66.21	331	iP	31	43.80	-0.6
	0.5s	14.00nm				5.4mb
PNT	66.98	44	eP	31	49.00	-0.6
	0.9s	14.00nm				5.1mb
EDM	67.80	38	ePc	31	53.80	-0.9
BRS	68.57	167	iPc	31	58.20	-1.5
NEW	68.94	44	eP	32	01.50	-0.4
HFS	70.35	334	eP	32	08.90	-1.3
	0.5s	2.80nm				4.6mb
WDC	70.45	53	eP	32	11.50	0.3
FFC	71.83	32	iPc	32	18.60	-0.6
	0.8s	13.00nm				5.0mb
LRM	72.96	44	eP	32	26.10	-0.3
JAS1	73.37	54	eP	32	28.60	0.0
BMN	73.74	51	eP	32	31.00	0.1
	1.0s	10.00nm				4.8mb
HPI	73.98	46	P	32	32.40	0.0
MNA	74.44	53	eP	32	35.60	0.6
EUR	75.08	51	iP	32	38.50	-0.3
	0.3s	8.27nm				5.2mb
KRA	75.39	324	eP	32	40.00	0.0
ISA	76.01	55	eP	32	43.00	-0.9
CLC	76.45	54	eP	32	46.00	-0.4
BDW	76.53	45	eP	32	46.50	-0.4
	1.0s	14.00nm				5.0mb
SBB	77.04	55	eP	32	49.00	-0.7
PAS	77.17	56	eP	32	50.00	-0.3
GSC	77.28	54	eP	32	51.00	0.0
BRG	77.32	328	iPc	32	50.80	0.0
	1.0s	14.00nm				5.0mb
CLL	77.36	329	iP	32	50.50	-0.5
	1.0s	23.00nm				5.2mb

15d 12h

			lpP	32	58.60	26km
PRU	77.76	327	P	32	53.50	0.3
	1.0s		15.90nm			5.0mb
			e	33	01.60	26km
SRO	77.76	324	lP	32	53.60	0.3
MSU	77.95	49	P	32	55.50	0.7
ZST	78.02	325	iP	32	55.60	0.9
RSON	78.05	31	e(P)	32	53.30	-1.5
MOX	78.43	329	eP	32	57.50	0.6
RSSD	78.47	41	eP	32	57.60	0.0
PLM	78.51	56	eP	32	58.00	0.1
TPC	78.53	55	eP	32	53.00	-4.9X
HOF	78.59	329	eP	32	58.00	0.2
SOP	78.65	325	eP	32	58.20	0.0
KHC	78.82	327	iPc	32	59.60	0.4
			e	33	04.00	14km
WET	79.10	327	iPd	33	01.40	0.7
WTS	79.14	332	eP	33	00.50	-0.3
	1.0s		13.00nm			4.9mb
			e	33	08.50	25km
GRF	79.34	329	iPc	33	02.70	0.8
	0.9s		34.00nm			5.4mb
GLA	79.99	55	eP	33	06.00	0.2
VAY	80.44	317	iP	33	08.00	0.1
ENN	80.47	332	eP	33	08.00	0.1
KBA	80.51	326	iPd	33	08.90	0.4
	1.1s		23.70nm			5.1mb
			i	33	21.60	43kmX
FUR	80.52	329	iPd	33	09.00	0.7
	1.0s		36.00nm			5.4mb
SKO	80.55	318	iP	33	08.50	0.0
MEM	80.57	332	P	33	08.80	0.4
GOL	80.94	45	eP	33	10.50	-0.5
	0.8s		5.36nm			4.6mb
GLD	80.98	45	eP	33	12.40	1.3
	1.0s		50.00nm			5.5mb
VOY	81.09	325	eP	33	10.80	-0.6
OHR	81.51	318	eP	33	13.50	-0.1
OGA	81.66	327	eP	33	14.50	0.0
LHC	81.74	30	eP	33	14.00	-0.6
CDF	81.91	330	eP	33	15.80	0.2
	1.0s		12.00nm			4.9mb
OSS	82.17	327	eP+	33	17.30	0.2
ZUL	82.24	329	eP+	33	17.00	-0.3
LLS	82.49	328	eP+	33	18.90	0.1
BSF	82.57	336	eP	33	19.00	-0.1
HAU	82.60	330	eP	33	19.00	-0.1
	0.7s		5.50nm			4.8mb
TMA	83.16	328	eP+	33	22.00	-0.3
MMK	83.57	328	eP+	33	24.60	0.1
ALQ	83.73	49	eP	33	25.40	0.0
	1.0s		20.00nm			5.3mb
DIX	83.77	329	eP+	33	25.70	0.2
LOR	84.14	331	eP	33	26.90	-0.2
	1.0s		17.00nm			5.2mb
LBF	84.34	331	eP	33	27.80	-0.3
	1.1s		7.00nm			4.8mb
SSF	84.45	331	eP	33	28.60	0.0
	1.0s		8.00nm			4.9mb
LPG	84.51	329	eP	33	29.50	0.2
	1.0s		22.00nm			5.3mb
SMF	84.67	331	eP	33	29.90	0.2
	1.2s		22.30nm			5.3mb
AVF	84.73	331	eP	33	30.10	0.1
	1.2s		37.20nm			5.5mb
BGF	85.11	331	eP	33	32.00	0.1
	0.9s		10.20nm			5.1mb
LPF	85.19	334	eP	33	32.40	0.1
	1.0s		14.80nm			5.2mb
MZF	85.50	331	eP	33	34.40	0.5
	1.1s		30.50nm			5.4mb
TCF	85.57	332	eP	33	34.60	0.3
	1.2s		13.70nm			5.1mb
LSF	85.85	332	eP	33	35.90	0.3
	1.1s		23.70nm			5.3mb
MFF	86.14	333	eP	33	37.40	0.4
	1.0s		18.00nm			5.2mb
RJF	86.67	332	eP	33	40.20	0.5
	1.0s		14.00nm			5.1mb
CAF	86.79	331	eP	33	40.80	0.5
	1.0s		16.00nm			5.2mb
LFF	87.27	332	eP	33	43.20	0.7
	1.0s		11.50nm			5.1mb
LPO	87.32	331	eP	33	43.50	0.7
	1.2s		14.90nm			5.1mb
OCO	88.23	43	e(P)	33	48.20	0.9
TUL	88.80	42	eP	33	50.20	0.2

	0.8s		17.50nm			5.4mb
RLO	88.98	41	eP	33	51.00	0.0
VVO	89.27	42	eP	33	52.50	0.2
LTX	89.41	51	eP	33	53.60	0.4
	0.9s		7.69nm			5.0mb
JCT	90.80	48	iP	34	00.00	0.5
	0.9s		10.92nm			5.2mb
SPA	130.17	180	e(PKP)	40	04.50	-1.1
ZOBO	146.25	53	iPKPd	40	37.50	0.6
	1.2s		30.41nm			
LPB	146.47	53	PKPc	40	38.00	1.0
	1.0s		40.00nm			
CNCB	146.75	53	PKP	40	38.40	0.8
CCH	148.30	51	PKP	40	44.00	4.2X
ITR	148.46	356	ePKP	40	42.10	2.3
SOB1	148.98	0	ePKP	40	44.30	3.7X
TPZ	151.65	56	iPKPd	40	53.30	8.4X
YJA	152.30	57	ePKP	40	48.00	2.1

S.D. = 0.9 on 118 of 127 obs.

& SEP 15, 1985 12h 24m 50.44s
62.915 N 149.579 W
DEPTH = 45.2km
CENTRAL ALASKA (1)
<AGS-P>.

GHO	1.19	165	iP	25	10.12	-0.8
SML	1.25	152	iP	25	10.89	-1.0
			iS	25	28.23	
PWA	1.28	186	iP	25	11.18	-0.9
SKT	1.30	225	iP	25	12.13	-0.4
			iS	25	27.99	
PME	1.32	169	eP	25	12.06	-0.6
			iS	25	29.36	
PMR	1.34	171	eP	25	12.41	-0.7
SCM	1.51	135	eP	25	15.20	-0.3
SUA	1.56	201	iP	25	15.73	-0.5
			iS	25	36.46	
KNK	1.60	160	iP	25	16.47	-0.2
PMS	1.68	180	eP	25	17.39	-0.5
TOA	1.78	116	iP	25	20.29	1.0
CFI	1.94	153	iP	25	20.47	-1.0
CGLM	1.98	216	eP	25	22.07	-0.1
CRP	2.05	217	eP	25	23.32	0.1
PTE	2.07	172	iP	25	23.14	-0.3
SPU	2.09	215	eP	25	23.28	-0.5
FBA	2.14	21	iP	25	26.13	1.7
PWL	2.15	164	iP	25	23.61	-0.9
KLU	2.23	128	iP	25	24.69	-1.0
VZW	2.35	141	iP	25	25.67	-1.7
VLZ	2.36	138	eP	25	25.44	-1.9
GLI	2.36	149	iP	25	25.85	-1.6
			iS	25	57.32	
SLKM	2.44	187	eP	25	28.24	-0.4
MPA	2.44	177	eP	25	28.08	-0.5
FID	2.62	145	eP	25	29.18	-2.1
LOU	2.63	159	eP	25	30.16	-1.2
RDT	2.71	211	eP	25	32.50	-0.1
KNIM	2.72	160	eP	25	30.59	-2.1
MTU	3.08	162	eP	25	36.54	-1.3
CNPM	3.49	194	eP	25	42.51	-1.1

30 obs. associated

SEP 15, 1985 12h 35m 15.32± 0.48s
4.187 S ± 7.5km 136.234 E ±10.0km
DEPTH = 10.0km (geophysicist)
4.9mb (3 obs.)
WEST IRIAN REGION (196)

PMG	12.02	116	e(P)	38	10.00	0.3
KNA	13.64	212	eP	38	31.00	-0.3
	0.4s		34.00nm			5.6mb X
			eS	40	59.00	
WRA	15.77	187	P	38	58.00	-1.2
	0.5s		1.90nm			3.6mb X
CTA	18.58	149	iPc	39	31.80	-2.7
	1.0s		25.00nm			4.4mb
			i	45	04.00	
ASPA	19.50	186	eP	39	45.00	-0.8
			e(S)	43	19.00	
MBL	23.21	222	eP	40	25.00	1.5
	1.0s		37.00nm			4.9mb
HNR	24.11	104	eP	40	33.00	0.7
BRS	27.96	147	iPd	41	10.20	2.0
STK	28.01	170	eP	41	11.00	2.5
ADE	30.71	176	eP	41	33.20	0.4
GYA	41.80	318	P	43	07.00	0.0

CHG	43.25	303	eP	43	19.00	0.1
KMI	43.67	314	Pc	43	24.00	1.5
XAN	45.93	328	Pc	43	39.00	-1.3
CD2	46.68	321	eP	43	46.00	-0.2
LZH	50.23	326	eP	44	14.00	0.1
MNG	50.58	141	e(P)	44	15.00	-1.3
GTA	54.84	326	iPc	44	47.90	-0.3
KKN	58.47	306	eP	45	13.90	-0.5
	0.7s		19.00nm			5.0mb
WMQ	64.66	323	P	45	55.00	-0.7
SPA	85.84	180	e(P)	48	00.60	4.2X
COL	87.85	24	eP	48	06.00	0.1
YJA	146.26	142	ePKP	55	01.80	3.7X
TPZ	146.65	141	PKP	55	03.30	4.7X
CNCB	148.25	132	PKP	55	08.00	6.5X
LPB	148.34	131	PKP	55	07.30	5.8X
ZOBO	148.48	131	PKP	55	07.20	5.3X
	1.3s		19.72nm			
CCH	149.22	135	PKP	55	09.00	6.3X

S.D. = 1.3 on 21 of 28 obs.

SEP 15, 1985 14h 22m 13.10± 2.03s
0.157 N ± 6.7km 120.382 E ± 8.7km
DEPTH = 80.4 ± 19.3 km
4.8mb (11 obs.)
MINAHASSA PENINSULA (265)

BKB	3.74	248	iPc	22	09.50	-60.1X
BKB	3.74	248	iPc	22	09.50	-60.1X
KKM	7.18	325	eP	23	57.00	-0.5
IPM	19.83	283	ePc	26	37.80	-2.3
	1.0s		36.76nm			4.7mb
PPI	19.99	268	eP	26	41.50	-0.3
			e	29	00.00	
MBL	21.19	181	eP	26	55.00	1.0
	0.5s		7.00nm			4.3mb
PSI	21.60	277	ePd	26	58.50	0.5
			e	28	35.00	
MED	21.94	279	ePc	27	05.50	4.0X
PCT	23.67	308	eP	27	19.50	1.2
GZH	23.80	344	eP	27	21.00	1.5
NNT	23.92	302	eP	27	21.50	0.8
			eSg	27	39.00	
WRA	24.21	146	Pc	27	22.40	-1.2
	0.5s		11.30nm			4.6mb
GYA	29.30	334	eP	28	14.60	4.3X
NWAO	33.04	185	eP	28	42.00	-0.9
	0.7s		13.00nm			4.9mb
CD2	34.42	334	eP	28	53.00	-1.9
STK	37.66	150	eP	29	23.00	0.8
TIY	38.08	350	P	29	26.40	0.6
MAT	39.80	23	iPc	29	38.40	-1.6
	1.1s		18.99nm			4.9mb
BJI	39.88	355	eP	29	41.00	0.5
BRS	41.45	134	eP	29	53.00	-0.7
SNY	41.58	4	Pc	29	54.70	0.2
PKI	43.23	312	eP	30	09.20	0.6
	0.9s		18.00nm			4.9mb
GTA	43.36	337	iPc	30	10.60	1.4
			PcP	31	57.00	
KKN	43.44	312	eP	30	11.00	0.8
	0.9s		18.00nm			4.9mb
DMN	43.47	312	eP	30	11.40	0.9
	0.7s		16.00nm			5.0mb
CN2	43.69	5	eP	30	10.60	-1.0
CAN	44.25	146	eP	30	18.10	1.7
GBA	44.57	289	Pd	30	18.90	-0.3
	1.2s		5.70nm			4.3mb
HYB	44.58	295	eP	30	19.50	0.2
WAM	44.82	147	eP	30	09.00	-11.9X
KOU	47.60	118	iPd	30	44.60	1.5
WMQ	52.33	330	P	31	19.50	0.5
MNG	64.29	136	P	32	41.30	-1.0
SPA	90.16	180	eP	35	05.00	-0.5
	0.9s		4.55nm			4.7mb
KJF	91.03	334	eP	35	08.00	-1.4
SOD	91.31	337	iP	35	10.00	-0.6
SUF	91.81	333	iP	35	12.00	-1.0
	0.5s		1.80nm			4.7mb
NUR	92.70	330	iP	35	06.00	-11.1X
	0.8s		11.80nm			
INK	95.77	21	eP	35	31.00	-0.1
ALQ	124.08	46	ePKP	41	05.10	0.5
	1.0s		3.75nm			
JCT	131.16	48	ePKP	41	12.50	-5.6X
	1.0s		5.50nm			

S.D. = 1.1 on 34 of 41 obs.

* SEP 15, 1985 14h 50m 06.79± 0.63s
18.310 S ±15.3km 172.183 E ±10.3km
DEPTH = 33.0km (normal)
4.4mb (3 obs.)
VANUATU ISLANDS REGION (185)

VUN	5.98	88	eP	51	33.70	-1.7
NOU	6.69	233	iPc	51	46.00	0.7
KOU	7.78	252	iPc	51	58.00	-2.7
HNR	14.79	305	eP	53	34.00	-1.4
KRP	19.76	172	eP	54	42.00	5.1X
BRS	20.02	240	eP	54	45.00	5.2X
MNG	22.41	173	P	55	05.00	1.0
CTA	24.54	262	iPd	55	27.00	2.1
	0.9s	21.43nm			4.7mb	
WRA	35.74	261	eP	57	03.70	-1.1
WRA	35.74	261	Pd	57	07.10	2.3
	0.7s	3.30nm			4.4mb	
ASPA	36.06	255	eP	57	06.00	-1.5
	0.7s	53.00nm			5.6mb	X
SBA	59.63	181	e(P)	00	08.70	-0.9
SPA	71.80	180	e(P)	01	27.00	-1.0
EUR	88.21	47	iP	02	56.10	-0.1
	1.0s	2.12nm			4.4mb	
KHC	144.73	335	iPKP	09	40.00	-1.8
GRF	145.15	338	ePKP	09	42.00	-0.5
SKO	145.70	320	ePKP	09	45.00	1.3
MEM	145.94	344	PKP	09	53.90	10.2X
KBA	146.45	333	e(PKP)	09	44.00	-1.0
			e	10	02.00	
OHR	146.58	319	ePKP	09	45.30	0.1
LJU	146.73	331	e(PKP)	09	51.00	5.8X
WLF	146.76	343	PKP	09	56.30	11.2X
DOU	146.76	345	PKP	09	52.90	7.8X
VOY	147.03	332	e(PKP)	09	51.00	5.2X
CDF	147.56	341	ePKP	09	48.30	1.7
HAU	148.21	342	ePKP	09	50.00	2.5X
	0.9s	8.20nm				
BSF	148.23	341	ePKP	09	50.00	2.3
	0.9s	7.60nm				
LOR	149.57	344	ePKP	09	53.50	3.8X
LBF	149.80	344	ePKP	09	52.00	1.9
BNG	150.77	245	ePKPd	09	58.60	6.1X
	0.5s	3.00nm				
		Id		09	59.90	

S.D. = 1.7 on 20 of 30 obs.

SEP 15, 1985 17h 31m 00.86± 0.15s
16.771 S ± 5.2km 173.880 W ± 3.9km
DEPTH = 81.1km (6 depth phases)
5.8mb (52 obs.)
TONGA ISLANDS (173)
mb 6.1 (BRK).
FAULT PLANE SOLUTION: P-Woves
NP1:Strike=310 Dip=80 Slip= -80
NP2: 85 14 -135
Principol Axes:

T		Plg=34	Azm= 31
P		54	232

Comment: The focal mechonism is poorly controlled ond corresponds to normol faulting with o large strike-slip component. The preferred foult plone is not determined.
MOMENT TENSOR SOLUTION
Dep 83 No. of sto: 12
Moment Tensor; Scole 10**24 d-cm
Mrr= 0.61 Mtt=-3.03
Mff= 2.42 Mrt= 4.10
Mrf=-3.38 Mtf=-0.23
Principol axes:

T	Val= 5.94	Plg=42	Azm= 64
N	0.11	27	307
P	-6.05	36	195

Best Double Couple:Mo=6.0*10**24
NP1:Strike=225 Dip=27 Slip= 7
NP2: 129 87 117
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 18S, 39C
Centroid Locotion:
Origin Time 17:31: 6.6 0.2
Lat 16.89S 0.02 Lon 173.43W 0.02
Dep 67.4 1.8 Half-duration 3.1
Moment Tensor; Scole 10**24 D-CM
Mrr= 3.02 0.10 Mtt=-4.11 0.20
Mff= 1.09 0.21 Mrt= 1.84 0.11
Mrf=-6.06 0.12 Mtf=-0.33 0.12
Principol Axes:

T	Val= 8.40	Plg=50	Azm= 79
N	-3.26	25	316
P	-5.14	30	211

Best Double Couple:Mo=6.8*10**24
NP1:Strike=253 Dip=27 Slip= 24
NP2: 141 79 115

AFI	3.49	36	P	31	46.00	-8.1X
			S	32	19.00	
VUN	7.41	259	iPd	32	54.40	6.0X
SVA	7.43	259	eP	32	56.00	7.3X
SGE	7.88	263	iPd	33	04.00	9.1X
MGO	8.07	262	ePd	33	05.90	8.3X
YSA	8.19	269	eP	33	06.80	7.7X
NDF	8.34	262	ePd	33	08.00	6.8X
RAR	14.05	111	P	34	12.50	-5.0X
			S	36	40.00	
PVC	17.04	264	iPc	34	59.00	3.6X
NOU	19.33	250	iPd	35	23.50	1.0
KOU	21.03	256	iPd	35	39.40	-0.6
CRZ	21.32	212	P	35	45.60	2.8
GNZ	22.92	196	P	36	00.00	1.5
			eS	40	02.00	
KRP	23.04	202	P	36	00.20	0.5
AFR	23.04	95	iP	35	59.50	-0.3
	1.4s	195.00nm			5.3mb	
PAE	23.23	96	iP	36	01.40	-0.2
	1.4s	535.00nm			5.8mb	
PPT	23.23	96	iP	36	01.50	-0.2
	1.4s	660.00nm			5.9mb	
PPN	23.37	95	iP	36	02.60	-0.4
	1.4s	380.00nm			5.6mb	
TVO	23.54	96	iP	36	04.50	-0.2
	1.4s	515.00nm			5.8mb	
TBI	23.83	110	iP	36	09.30	1.8
	1.7s	740.00nm			5.8mb	
PMO	25.05	90	iP	36	16.90	-2.3
	1.4s	855.00nm			6.0mb	
VAH	25.27	90	iP	36	18.60	-2.7
	1.4s	710.00nm			5.9mb	
TPT	25.32	90	iP	36	19.40	-2.3
	1.4s	855.00nm			6.0mb	
MNG	25.49	199	P	36	20.20	-2.9
			eS	40	50.00	
RUV	25.52	90	iP	36	21.10	-2.4
	1.4s	995.00nm			6.1mb	
WEL	26.32	200	P	36	28.50	-2.2
TCW	26.41	200	P	36	29.70	-1.9
HNR	26.49	283	eP	36	35.00	2.4
SVO	26.71	283	eP	36	35.00	0.5
VSG	26.77	283	eP	36	39.00	3.9X
MSZ	31.76	205	P	37	15.90	-3.4X
BRS	32.56	245	iPc	37	26.20	-0.4
			e	37	42.00	65kmX
			e(PcP)	40	13.00	
COO	34.08	240	iPd	37	38.90	-0.8
	0.5s	268.00nm			6.4mb	
RMO	35.94	248	eP	37	55.00	-0.5
RKT	37.03	106	iP	38	04.40	-0.3
	1.3s	145.00nm			5.7mb	
CAN	37.84	234	eP	38	10.10	-1.3
			e	38	43.10	150kmX
CTA	37.90	259	iPc	38	11.00	-1.1
	0.8s	52.24nm			5.5mb	
			iS	44	00.00	
			iScP	44	12.50	
WAM	38.23	232	eP	38	11.60	-3.0X
PMG	38.60	276	eP	38	18.00	0.1
CMS	39.35	241	iPd	38	22.90	-1.1
	1.0s	691.00nm			6.5mb	
LAT	39.53	280	eP	38	27.00	1.3
TOO	41.25	232	iPd	38	38.40	-1.2
TAU	42.01	223	eP	38	45.00	-0.6
STK	42.97	241	iPd	38	53.10	-0.6
	0.9s	271.00nm			6.1mb	
BFD	43.37	233	eP	38	55.00	-1.9
	0.8s	71.00nm			5.5mb	
ADE	45.89	237	iPd	39	15.60	-1.5
	0.8s	64.18nm			5.6mb	
WRA	49.09	258	iPd	39	40.20	-2.1
ASPA	49.26	253	eP	39	42.00	-1.6
			ePcP	41	04.00	
			ePP	42	02.00	
PJG	50.70	304	eP	39	51.50	-3.0

KNA	54.90	262	eP	40	24.00	-1.8
	0.6s	46.00nm			5.7mb	
DRV	58.16	200	eP	40	47.20	-1.0
AAI	58.26	276	eP	40	49.00	-0.7
SBA	61.85	185	iPd	41	14.80	1.5
	0.9s	56.30nm			5.7mb	
		i		41	16.70	6kmX
MBL	62.45	255	iPd	41	16.20	-1.9
	0.4s	27.00nm			5.7mb	
KLB	63.19	243	eP	41	21.00	-1.9
	0.7s	154.00nm			6.1mb	
NWAO	63.55	241	eP	41	23.00	-2.3
	0.9s	36.00nm			5.3mb	
Z	20s	0.70um			4.8Msz	
RKG	63.67	240	eP	41	25.00	-1.1
	0.6s	29.00nm			5.4mb	
BAL	64.17	244	eP	41	27.00	-2.3
	0.6s	62.00nm			5.7mb	
DAV	64.38	287	eP	41	31.50	0.6
			eS	50	08.00	
MUN	64.48	242	eP	41	30.00	-1.4
	0.7s	75.00nm			5.7mb	
CGP	65.71	288	iPc	41	39.10	-0.2
	1.5s	335.00nm			6.0mb	
ADK	68.40	358	eP	41	54.50	-1.1
MAT	69.69	320	eP	42	03.00	-0.9
	0.9s	11.76nm			4.8mb	
Z	20s	0.89um			5.0Msz	
		eS		51	10.00	
TRT	72.06	267	iPc	42	19.00	0.4
	0.9s	69.30nm			5.6mb	
SYP	72.29	44	eP	42	20.00	0.2
PRS	72.44	42	ePc	42	20.80	0.3
BAG	72.53	294	eP	42	21.00	-0.6
			eS	51	42.00	
SAO	72.66	42	eP	42	21.70	0.0
SAO	72.66	42	eP	42	28.00	6.3X
PRI	72.78	43	ePc	42	23.10	0.5
BRK	72.82	40	eP	42	21.80	-0.8
BKS	72.84	41	iPc	42	22.00	-0.7
	1.4s	331.00nm			6.0mb	
Z	20s	1.80um			5.3Msz	
N	20s	1.60um				
E	20s	2.00um				
		i(PP)		42	44.00	
		iS		51	46.00	
		eLQ		01	09.00	
		eLR		03	49.00	
LLA	72.89	42	ePc	42	23.00	-0.1
ARN	72.95	41	eP	42	23.30	-0.2
	1.4s	19.00nm			4.8mb	
PAS	73.30	46	eP	42	25.00	-0.5
SPA	73.34	180	eP	42	25.70	0.3
	1.0s	58.50nm			5.4mb	
		e		42	48.00	85km
MWC	73.42	46	eP	42	25.00	-1.5
BAR	73.53	48	eP	42	26.00	-0.9
RVR	73.76	46	iP+	42	28.00	-0.2
PLM	73.77	47	iP+	42	27.00	-1.5
SBB	73.84	45	iP+	42	27.00	-1.7
FRI	73.91	43	ePc	42	28.00	-1.0
ISA	73.95	44	eP	42	29.00	-0.4
JAS1	74.01	41	ePc	42	28.80	-0.8
ORV	74.32	39	ePc	42	30.40	-1.0
WDC	74.34	38	ePc	42	30.80	-0.6
CLC	74.63	45	iP+	42	33.00	-0.3
TPC	74.74	47	eP	42	33.00	-1.0
MIN	74.75	39	ePc	42	32.80	-1.2
GSC	74.87	45	eP	42	34.00	-0.7
GLA	75.04	48	eP	42	35.00	-0.7
MNA	75.75	42	ePc	42	39.00	-0.7
KDC	76.33	12	eP	42	42.50	0.1
TDM	77.30	51	P	42	47.40	-1.0
BMN	77.49	41	eP	42	48.70	-0.7
	1.3s	204.08nm			5.9mb	
EUR	77.75	42	iP	42	50.50	-0.4
	0.2s	98.25nm			6.4mb	
OZH	77.75	301	Pc	42	50.00	-0.9
			pP	43	10.50	76km
SSE	78.42	308	eP	42	48.00	-6.4X
PHC	78.56	28	eP	42	54.00	-0.8
PGC	79.04	31	eP	42	57.00	-0.4
PMR	80.55	12	P	43	04.00	-1.3
PME	80.60	12	eP	43	05.20	-0.3
	1.0s	87.50nm			5.6mb	
NJ2	80.62	307	eP	43	07.00	0.7
TTA	80.67	8	eP	43	06.40	0.4

15d 17h

III	81.11	68	eP	43	16.00	6.7X		0.9s	14.71nm		5.4mb		PSN	147.30	330	iPKPd	50	39.0		4.9X
OXM	81.24	67	iPc	43	11.00	0.8	MDZ	93.10	126	eP	44	09.90	2.6	ZST	147.39	346	ePKP	50	35.00		0.5
BCPM	81.33	17	eP	43	09.50	0.1	FFC	93.49	34	eP	44	08.00	-0.4				i	50	37.40		
GZH	81.41	297	eP	43	12.00	1.4		2.0s	168.00nm			6.1mb					e	50	59.00		
PNT	81.41	32	iP	43	09.00	-1.1	LZH	93.66	306	eP	44	11.00	1.2	SRO	147.46	345	ePKP	50	35.50		1.3
	1.5s	297.00nm			6.0mb		FVM	95.13	52	eP	44	16.50	0.2				i	50	37.70		
PIO	81.61	70	iP	43	12.50	0.8		1.3s	70.18nm			5.9mb					i	51	23.70		
TPM	81.68	67	iPc	43	14.00	1.7	RSON	96.79	39	eP	44	22.90	-0.6	VKA	147.50	347	ePKP	50	37.50		3.2X
LTX	81.75	56	eP	43	12.40	0.0		1.5s	84.63nm			6.1mb					e	51	00.30		
	1.0s	144.00nm			5.8mb		GTA	97.67	309	P	44	28.90	0.9				i	51	09.70		
		pP	43	34.50	82km		LHC	98.86	42	eP	44	33.00	0.1	BUD	147.58	344	e(PKP)	50	35.00		0.5
CN2	81.84	320	Pd	43	12.20	-0.2	CNCB	99.73	111	eP	44	41.00	2.7	FLN	147.64	8	ePKP	50	37.20		2.7
SNY	81.97	318	Pc	43	14.20	1.1	QUE	123.21	295	ePKP	49	50.50	0.0		1.3s	236.90nm					
ALQ	82.03	50	ePc	43	13.30	-0.6	SOB1	126.82	116	ePKP	49	56.70	-1.0	COZ	147.70	336	ePKPd	50	39.00		4.0X
	1.0s	107.50nm			5.7mb					e	50	21.50		BUC	147.70	333	ePKP	50	45.00		10.3X
NEW	82.09	34	eP	43	13.20	-0.5	ITR	129.16	117	ePKP	50	01.20	-1.0	LDF	147.85	8	ePKP	50	37.80		2.9X
	1.2s	67.60nm			5.4mb			1.0s	21.10nm						1.4s	182.90nm					
CLX	83.15	35	iPc	43	18.50	-0.9	KJF	130.37	348	ePKP	50	01.00	-1.9	GRR	147.95	9	ePKP	50	38.30		3.3X
VHO	83.15	70	iP	43	21.20	1.2	SUF	132.01	348	iPKP	50	04.80	-1.3		1.4s	175.00nm					
LDM	83.19	35	iPc	43	18.70	-0.6		0.7s	3.60nm					SOP	148.00	347	iPKPd	50	36.00		0.9
YKM	83.20	34	iPc	43	19.30	-0.2	NUR	134.32	347	iPKP	50	08.10	-2.4	KMR	148.11	350	iPKP-	50	39.00		3.7X
LRM	83.37	38	iPc	43	20.00	-0.6	BUL	137.18	212	ePKP	50	07.50	-9.9X	BUH	148.13	357	ePKP	50	39.10		3.7X
WHN	83.48	304	eP	43	22.50	1.4				ipP	50	18.00		LPF	148.27	9	ePKP	50	39.00		3.5X
RXF	83.52	35	iPc	43	20.50	-0.6				i	50	41.50			1.3s	193.90nm					
BDW	83.59	42	eP	43	21.00	-0.8	MTD	138.27	218	ePKP	50	17.00	-2.5	FUR	148.41	353	ePKP	50	39.80		4.0X
	1.0s	128.00nm			5.9mb		LSZ	141.42	216	iPKP	50	21.70	-3.5X		1.3s	152.00nm					
		pP	43	44.50	88km					i	50	28.70		CDF	148.43	359	ePKP	50	39.80		3.9X
KGM	83.69	274	ePd	43	25.70	3.1X				i	53	25.40			1.2s	89.20nm					
TJA	83.74	311	eP	43	23.30	0.9	WIT	144.04	359	e(PKP)	50	27.50	-0.9	CLO	148.50	337	ePKPd	50	37.00		1.0
COL	83.82	11	eP	43	21.00	-1.1	NAI	144.82	242	iPKPd	50	31.00	-0.2	GPA	148.56	323	iPKP	50	40.50		4.2X
	1.0s	195.50nm			6.1mb			1.0s	110.00nm					HRI	148.68	307	iPKP	50	38.00		1.1
		iS	53	39.00			WTS	144.85	359	iPKPd	50	29.90	0.1	HAU	148.85	360	ePKP	50	41.00		4.5X
FBA	83.82	11	eP	43	21.00	-1.1		1.6s	222.00nm						1.5s	156.70nm					
	1.0s	137.50nm			5.9mb					e	50	54.00		DMK	148.88	328	ePKP	50	38.00		1.2
IMA	83.98	8	eP	43	23.50	0.4	KRA	144.97	344	ePKP	50	29.00	-1.1	JMB	148.98	330	ePKP	50	41.00		4.1X
GOL	84.93	46	eP	43	28.60	0.0		1.0s	60.00nm					BSF	149.02	359	ePKP	50	41.40		4.5X
	1.0s	25.00nm			5.2mb					e	50	36.40			1.0s	66.60nm					
GLD	85.06	46	eP	43	29.60	0.5				e	50	55.90		PVL	149.11	332	iPKPd	50	37.00		0.0
	1.2s	161.62nm			5.9mb		KSP	145.04	349	iPKPd	50	29.00	-1.2	KBA	149.19	350	iPKPd	50	37.60		0.3
		pP	51	00.00				1.2s	171.00nm						1.5s	89.30nm					
JCT	85.29	56	eP	43	30.10	-0.2				i	50	30.00					i	50	42.00		
	1.0s	42.50nm			5.4mb					i	50	54.00					e	54	15.00		
Z	20s	0.71um			5.1Msz		CLL	145.11	352	iPKP	50	29.10	-1.2	GRC	149.46	4	iPKPd	50	39.00		1.6
		e	43	56.00	98kmX			1.5s	105.00nm					LOR	149.53	3	ePKP	50	42.70		5.1X
PPI	85.77	271	eP	43	35.00	2.0				i	50	53.90		BEO	149.54	340	iPKP	50	38.80		1.2
		e	46	00.00	700kmX		RTB	145.21	304	iPKPc	50	32.00	0.8	BEO	149.54	340	iPKP	50	38.80		1.2X
BJI	86.07	314	eP	43	34.50	0.6				e	50	52.00		JER	149.70	305	e(PKP)	50	40.00		1.6
		epP	43	56.00	79km		BRG	145.41	351	iPKP	50	30.40	-0.4	OGA	149.72	353	iPKPd	50	39.20		1.1
MAW	86.35	199	eP	43	35.00	0.1				i	50	37.50		SSF	149.72	4	ePKP	50	43.20		5.4X
SES	86.59	35	eP	43	35.00	-1.2	SPC	145.69	343	ePKP	50	32.70	1.1	DIM	149.78	330	ePKP	50	43.00		4.9X
	1.3s	596.00nm			6.5mb		BNS	145.88	359	iPKPd	50	32.10	0.5	MFF	149.80	9	ePKP	50	42.90		4.9X
IPM	86.62	276	ePc	43	36.10	-1.1		1.2s	370.00nm						1.4s	143.30nm					
	0.9s	24.30nm			5.3mb		MOX	145.92	354	iPKPc	50	32.00	0.3	LBF	149.82	3	ePKP	50	43.20		5.1X
		e	44	01.00	93kmX			1.7s	308.00nm						1.4s	98.40nm					
TIY	87.78	310	P	43	43.50	1.2				i	50	39.00		AVF	149.98	4	ePKP	50	43.40		5.2X
		pP	44	04.50	76km					i	50	55.50			1.4s	104.30nm					
		iS	54	07.50			UCC	146.03	2	PKPc+	50	33.00	1.1	LJU	149.98	348	ePKP	50	39.10		0.8
PSI	88.08	273	eP	43	45.00	0.8	ENN	146.09	0	ePKP	50	32.50	0.5				i	50	44.10		
	1.0s	7.00nm			4.7mb X			1.8s	869.00nm								e	51	07.10		
		e	48	00.00						e	50	56.50		OSS	149.98	354	ePKPd	50	39.80		1.3
GYA	88.28	298	P	43	47.00	2.0	PRU	146.17	350	PKPd	50	33.20	1.0	VOY	150.11	349	ePKP	50	39.00		0.4
MED	88.56	274	e(P)	43	51.00	4.5X		1.5s	167.40nm								e	50	44.80		
XAN	89.06	346	eP	43	48.80	0.3				epPKP	50	57.00					i(pPKP	51	05.80		
HHC	89.62	313	P	43	52.00	1.0	HOF	146.22	353	iPKPd	50	33.10	0.8	PLD	150.15	332	iPKP	50	43.00		4.4X
INK	89.70	14	eP	43	50.00	-0.7	MEM	146.25	0	PKPc	50	33.00	0.8	SMF	150.15	3	ePKP	50	44.00		5.5X
VVO	90.24	53	e(P)	44	04.90	11.0X	STB	146.25	359	iPKPd	50	33.70	1.4		1.2s	59.50nm					
TUL	90.40	53	ePd	43	55.10	0.5		2.0s	210.00nm					BCK	150.17	318	ePKP	50	39.00		0.1
	1.1s	48.50nm			5.7mb		SNF	146.31	2	PKP	50	33.30	1.0	BGF	150.18	5	ePKP	50	44.20		5.6X
Z	20s	0.90um			5.2Msz		TNS	146.58	357	iPKPc	50	35.00	2.1	KDZ	150.21	330	iPKPc	50	45.00		6.2X
		e(S)	54	20.00			BGG	146.63	359	iPKPd	50	34.00	1.2	LSF	150.36	6	ePKP	50	44.20		5.4X
BHO	90.58	54	eP	43	55.40	-0.1		1.0s	100.00nm					PRNI	150.38	302	iPKP	50	45.50		6.1X
BTO	90.61	312	eP	43	56.50	0.9	TLB	146.69	331	iPKPc	50	36.50	3.4X	TCF	150.39	5	ePKP	50	44.60		5.7X
NST	90.71	286	eP	43	58.20	1.9	DOU	146.74	2	PKPc	50	34.70	1.7		1.2s	64.40nm					
LNV	90.72	126	eP	43	58.00	1.8				e	20	06.70		VTS	150.41	334	iPKPd	50	45.00		6.0X
RLO	91.07	53	ePd	43	58.30	0.6	GRF	146.90	354	ePKP	50	36.30	2.9X	TRI	150.45	349	iPKP	50	43.80		4.9X
TACH	91.19	126	ePc	44	00.70	2.2	Z	21s	0.40um			5.2Msz					i	50	50.70		
KMI	91.20	296	Pd	44	02.50	3.7X	MLR	146.91	334	iPKPd	50	36.50	2.8X	MZF	150.49	5	ePKP	50	45.10		6.0X
ROCH	91.38	125	iP	44	02.00	2.4	MSR	146.91	336	ePKP	50	35.00	1.5	TMA	150.66	356	ePKPd	50	40.30		0.8
PCH	91.53	126	iPc	44	02.50	2.4	ISR	146.93	333	iPKPd	50	37.00	3.4X	DIX	150.76	358	ePKPd	50	41.80		2.0
PEL	91.57	125	iPd	44	02.50	2.2	PSZ	146.94	343	ePKP	50	34.80	1.3	MMB	151.00	332	iPKPd	50	47.00		7.0X
YKC	91.57	24	eP	44	00.00	0.6	KHC	147.16	351	iPKPd	50	34.70	0.9	RJF	151.29	7	ePKP	50	46.70		6.4X
	1.3s	80.00nm			5.9mb			1.0s	57.00nm						1.4s	104.50nm					
BACH	91.65	125	eP	44	02.50	1.9				i	50	37.00		LPG	151.36	359	ePKP	50	47.90		7.2X
FCH	91.81	125	ePd	44	04.40	2.7				pPKP	50	58.50			1.4s	89.30nm					
KHT	91.88	285	eP	44	05.00	3.3X	WLF	147.19	360	PKPd	50	36.80	3.1X	LFF	151.56	8	ePKP	50	47.20		6.5X
CD2	92.13	302	eP	44	04.30	1.6				e	19	40.80			1.2s	60.16nm					
CHG	92.71	289	iPd	44	07.20	1.7	WET	147.24	352	iPKPc	50	37.00	3.1X	IZM	151.58	323	ePKP	50	49.00		8.0X

SKO	151.65	335	ePKP	50	41.50	0.6
			i	50	48.40	
VAY	151.72	333	iPKP	50	38.70	-2.3
			i	50	48.00	
CAF	151.73	6	ePKP	50	47.60	6.6X
	1.2s	37.20nm				
YER	151.81	320	ePKP	50	48.20	6.8X
LPO	151.87	7	ePKP	50	47.80	6.7X
	1.4s	69.70nm				
OHR	152.64	335	ePKP	50	42.30	-0.1
			i	50	49.00	
FRF	153.29	359	ePKP	50	51.30	8.1X
	1.0s	10.80nm				
LRG	153.40	360	ePKP	50	51.90	8.6X
	1.3s	21.60nm				
LMR	153.52	359	ePKP	50	51.80	8.3X
MLS	153.55	8	iPKPc	50	44.70	1.1
TOL	155.33	19	ePKP	50	46.00	-0.1
			iPKKP	51	12.00	
			e	51	34.00	
			ePP	54	42.00	
IFR	160.49	29	iPKPd	50	55.00	2.4
			i	51	35.50	
BNG	162.71	226	iPKPc	50	54.40	-0.8
	0.8s	18.00nm				
			ic	51	18.30	
			ic	52	23.20	
KIC	165.17	133	ePKP	50	58.30	0.9
S.D. = 1.3 on 208 of 280 obs.						

SEP 15, 1985 18h 18m 36.15± 0.65s
47.953 N ± 6.9km 7.721 E ± 5.4km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.9 (LDG).

CDF	0.55	327	Pg	18	47.60	0.4
			Sg	18	54.80	
SLE	0.55	109	iP+	18	47.40	0.0
BSF	0.64	259	Pg	18	48.70	-0.3
			Sg	18	56.80	
ZUL	0.65	136	iPd	18	49.40	0.2
BUH	0.80	25	ePn	18	51.40	-0.3
HAU	0.92	274	Pn	18	53.90	0.1
			Pg	18	54.10	
			Sg	19	06.10	
LPG	2.54	196	Pg	19	26.80	8.4X
			Sg	19	58.70	
LOR	2.70	257	Pg	19	27.20	6.8X
			Sg	20	01.20	
LBF	2.72	251	Pg	19	27.50	6.8X
			Sg	20	01.80	
SMF	2.95	240	Pg	19	31.20	7.3X
			Sg	20	08.40	
SSF	2.99	254	Pg	19	32.70	8.2X
			Sg	20	10.40	
AVF	3.19	250	Pg	19	36.20	8.9X
BGF	3.60	249	Pg	19	43.80	10.7X
			Sg	20	29.40	
KHC	4.07	71	iPd	19	34.70	-5.0X
S.D. = 0.3 on 6 of 14 obs.						

? SEP 15, 1985 19h 06m 57.70± 4.63s
33.134 S ±11.4km 72.147 W ±40.6km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH	0.97	81	iPd	07	13.00	-2.2
LNV	1.02	143	iPd	07	16.00	0.3
			iS	07	30.00	
TACH	1.14	117	iPc	07	17.20	-0.2
			iS	07	33.00	
PEL	1.23	91	iPd	07	17.90	-0.8
			iS	07	34.80	
JACH	1.38	71	iPc	07	19.50	-1.5
BACH	1.40	99	iPd	07	21.10	-0.2
			iS	07	40.60	
PCH	1.45	110	iPc	07	22.00	0.1
			iS	07	41.00	
CHCH	1.48	123	iPc	07	23.00	0.6
FCH	1.57	98	iP	07	23.50	-0.4
			iS	07	45.60	
MDZ	2.78	86	eP	07	46.40	5.5X
			i(S)	08	22.50	
RTCB	3.28	61	iPd	07	50.20	2.2
ZON	3.34	63	eP	07	52.00	3.2X
RFA	3.47	119	e(P)	07	54.70	3.9X
RTLL	3.60	61	ePd	07	54.50	1.9
			S	08	42.90	
CFA	3.64	66	ePc	07	55.30	2.2
VCA	5.54	39	e(P)	08	18.00	-2.1
			S	09	32.00	
S.D. = 1.6 on 13 of 16 obs.						

• SEP 15, 1985 19h 27m 54.60± 2.41s
41.103 N ±25.4km 20.803 E ±10.9km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)

OHR	0.01	339	iPgc	27	54.70	-1.8
			iSg	27	56.30	
SKO	0.99	29	iPg	28	13.00	-0.4
			iSg	28	23.50	
VAY	1.35	80	iPn	28	18.00	-1.4
TTG	1.76	319	ePn	28	26.00	0.8
			eSn	28	50.60	
HCY	2.18	309	ePn	28	31.50	0.0
			eSn	29	03.50	
MMB	2.26	77	iPc	28	35.00	2.4
VTS	2.33	49	eP	28	33.00	-0.6
KDZ	3.46	80	iP	28	57.00	7.4X
S.D. = 1.8 on 7 of 8 obs.						

• SEP 15, 1985 21h 59m 23.59± 1.52s
37.175 N ±12.5km 21.702 E ±12.4km
DEPTH = 60.7 ± 16.2 km
4.1mb (1 obs.)
SOUTHERN GREECE (368)

VLS	1.33	319	ePn	59	45.70	-0.6
ATH	1.79	63	iPnc	59	52.00	-0.6
			eSn	00	16.80	
			eSb	00	18.50	
KZN	3.13	1	ePn	00	13.50	1.9
NPS	3.69	120	ePn	00	20.00	0.5
			ePg	00	27.70	
PRK	4.15	59	ePb	00	32.20	6.3X
MMB	4.68	19	iPc	00	33.00	-0.3
			eS	01	38.00	
KDZ	5.28	31	iP	00	41.00	-0.7
VTS	5.54	12	iPd	00	46.00	0.7
JMB	6.48	34	eP	01	04.00	5.5X
PVL	6.53	23	eP	00	59.00	-0.1
KHC	13.33	336	P	02	41.40	9.9X
NUR	23.43	4	iP	04	39.50	11.8X
	0.8s	13.20nm				
HFS	23.54	350	eP	04	27.90	-0.9
	0.5s	3.60nm			4.1mb	
SUF	25.72	5	iP	04	50.30	0.8
NDI	46.79	84	iPd	08	20.50	31.6X
	0.7s	102.74nm				
S.D. = 1.1 on 10 of 15 obs.						

• SEP 15, 1985 22h 04m 07.91± 0.99s
40.372 N ±10.7km 29.607 E ± 7.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA	0.54	99	iPg	04	18.40	-0.5
			iSg	04	33.40	
ISK	0.81	329	iPn	04	25.00	1.4
CTT	1.18	311	iPn	04	30.20	0.2
BNT	1.29	270	ePn	04	30.20	-1.6
EDC	1.33	269	ePn	04	31.10	-1.4
DMK	2.01	317	ePn	04	41.40	-0.9
EZN	2.58	259	ePn	04	52.00	1.7
IZM	2.68	223	ePn	04	53.00	1.1
S.D. = 1.5 on 8 of 8 obs.						

SEP 15, 1985 22h 58m 42.63± 0.24s
10.809 S ± 5.2km 119.298 E ± 6.5km
DEPTH = 39.3km (2 depth phases)
5.4mb (30 obs.) 4.0Msz (1 obs.)
SUMBA ISLAND REGION (287)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 19C
Centroid Location:
Origin Time 22:58:43.4 0.7
Lat 11.08S 0.11 Lon 119.54E 0.12
Dep 41.7 8.8 Half-duration 1.6
Moment Tensor; Scale 10**23 D-CM
Mrr=-4.82 0.63 Mtt= 1.47 1.20
Mff= 3.34 1.29 Mrt= 6.68 1.63
Mrf=-5.90 1.51 Mtf= 1.59 0.70
Principal Axes:

	T	Val=	7.39	Plg=35	Azm= 54
	N		4.01	7	319
	P		-11.39	54	219

Best Double Couple:Mo=9.4**10**23
NP1:Strike=178 Dip=12 Slip= -51
NP2: 318 81 -98

MKS	5.56	2	iPd	00	06.50	1.4
			iS	01	20.00	
TRT	7.26	295	iPc	00	24.40	-4.7X
			iS	01	27.60	
MBL	10.30	177	eP	01	03.00	-8.1X
			eS	02	43.00	
KNA	10.44	119	eP	01	07.00	-6.0X
	0.4s	85.00nm			6.3mb	X
			eS	02	55.00	
NAU	12.22	197	iPc	01	29.70	-7.4X
	0.3s	70.00nm			6.2mb	X
			eS	03	42.00	
KKM	17.02	349	ePc	02	41.70	2.1
WRA	17.10	124	eP	02	33.70	-6.8X
MRWA	18.57	189	eP	02	51.00	-7.7X
	0.3s	42.00nm			5.1mb	
			eS	05	59.00	
DAV	18.84	20	eP	02	50.00	-12.1X
ASPA	18.90	134	eP	02	59.00	-3.7X
BAL	19.85	187	eP	03	09.00	-4.2X
	0.5s	77.00nm			5.3mb	
			eS	06	30.00	
CGP	19.88	16	iPd	03	13.50	-0.1
			iS	03	36.20	
KGM	20.37	308	ePd	03	20.50	1.7
PPR	20.46	358	P	03	22.00	2.3
	1.0s	117.00nm			5.2mb	
KLB	20.73	184	eP	03	20.00	-2.4
	0.8s	171.00nm			5.5mb	
			eS	06	50.00	
MUN	21.26	187	eP	03	24.00	-3.8X
	0.9s	129.00nm			5.3mb	
			epPP	03	30.00	
			eS	07	05.40	
PPI	21.41	297	eP	03	27.00	-2.4
	0.8s	10.50nm			4.3mb	X
			e(S)	07	18.00	
			e	10	00.00	
ISQ	21.82	119	iPc	03	32.30	-1.2
NWAO	22.09	185	eP	03	34.00	-2.1
	0.4s	70.00nm			5.4mb	
Z	20s	0.60um			4.0Msz	
N	20s	0.50um				
E	20s	0.05um				
			epPP	03	40.00	
RKG	23.25	185	eP	03	51.00	3.6X
	0.8s	191.00nm			5.6mb	
			epPP	04	03.00	
			eS	08	04.00	
IPM	23.76	309	ePc	03	50.20	-2.4
	0.6s	24.40nm			4.9mb	
			e	04	32.90	
PSI	24.31	302	ePc	03	58.80	0.9
	1.0s	71.50nm			5.2mb	
			e	10	18.50	
MED	24.99	304	ePc	04	08.40	4.0X
MAN	25.37	4	eP	04	10.00	2.1
SNG	25.79	313	eP	04	14.00	2.1
MDG	26.79	80	eP	04	26.00	4.9X
PMG	27.46	90	eP	04	26.00	-1.2
CTA	27.53	113	iPc	04	27.40	-0.5
	1.0s	21.00nm			4.7mb	
STK	29.39	139	eP	04	43.00	-1.5
ADE	29.85	147	eP	04	49.00	0.3
	1.0s	34.00nm			5.1mb	
RMQ	31.86	123	eP	05	06.00	-0.4
	0.9s	108.00nm			5.7mb	
CMS	32.03	134	eP	05	06.00	-1.8
LOE	32.97	328	eP	05	13.50	-2.6
BFD	33.58	145	eP	05	20.00	-1.2
GZH	34.19	350	iPc	05	26.60	0.1
YOU	35.37	136	eP	05	49.20	12.5X
BRS	35.52	122	iPc	05	38.20	0.1
			ipPP	05	48.70	
TOO	35.55	143	iPd	05	38.80	0.6
CHG	35.63	326	iPd	05	39.00	0.0
	0.9s	29.41nm			5.2mb	
COO	36.08	128	iPd	05	44.00	1.2

15d 23h

CAN	36.38	137	eP	05	45.40	0.2
			e	07	09.30	
			ePcP	08	13.90	
WAM	36.80	138	iPc	05	36.50	-12.2X
			ipP	05	48.80	45km
GYA	39.03	342	P	06	07.80	0.2
			sP	06	21.00	
KMI	39.19	336	P	06	10.00	0.9
			sP	06	24.00	
SVO	39.92	91	eP	06	15.00	0.0
WHN	41.39	354	P	06	27.50	0.7
			sP	06	40.50	
SSE	41.70	2	P	06	30.00	0.7
NJ2	42.62	359	Pc	06	37.30	0.5
CD2	44.08	341	P	06	48.70	-0.2
SHL	44.95	324	iP	06	55.20	-0.9
XAN	45.68	348	iPd	07	00.60	-1.0
			sP	07	14.00	
DZM	46.41	110	iPc	07	07.50	-0.2
NOU	46.45	110	iPc	07	12.40	4.6X
KOD	46.55	295	iPd	07	08.00	-1.1
	1.0s		64.00nm			5.5mb
TIA	46.81	358	eP	07	08.80	-1.6
GBA	48.09	299	Pd	07	19.50	-1.3
	0.6s		65.20nm			5.8mb
TIY	48.69	353	P	07	24.00	-1.2
			pP	07	34.00	34km
LZH	48.87	343	eP	07	24.50	-2.2
HYB	49.06	334	eP	07	27.00	-1.3
	1.0s		200.00nm			6.1mb
PKI	50.34	320	iPd	07	37.30	-1.0
MAT	50.35	20	eP	07	36.00	-1.9
	1.1s		30.38nm			5.2mb
			eS	15	00.00	
DMN	50.56	320	iPd	07	39.10	-0.8
KKN	50.58	320	iPd	07	39.20	-0.8
BJI	50.67	357	eP	07	39.00	-1.2
BTO	51.86	351	eP	07	48.00	-1.4
HHC	51.89	353	eP	07	48.00	-1.6
SNY	52.52	4	iPc	07	52.50	-1.6
			sP	08	05.90	
GTA	53.15	341	iPd	07	58.80	-0.3
POO	53.48	303	iPd	08	00.80	-0.9
	0.8s		101.49nm			5.9mb
CN2	54.63	3	eP	08	07.00	-2.7
			sP	08	19.00	
NDI	56.51	315	iPd	08	20.50	-3.1X
	0.7s		102.74nm			6.0mb
WMQ	61.50	334	Pc	08	57.00	-1.0
QUE	64.76	311	iPd	09	18.00	-1.9
MAW	67.65	200	eP	09	37.00	-0.4
AVY	69.26	254	ePc	09	49.00	0.5
SBA	71.17	171	eP	09	59.30	0.4
	0.9s		8.40nm			4.7mb
SHI	75.78	304	e(P)	10	30.00	3.1X
SPA	79.26	180	iPd	10	45.40	0.0
	0.9s		16.82nm			5.0mb
KER	81.72	307	eP	10	59.00	0.0
NAI	82.39	270	iPd	11	05.00	2.0
	1.0s		37.00nm			5.4mb
TET	83.00	255	eP	11	08.00	2.3
EVA	85.45	244	iPc	11	20.20	2.0
	1.0s		40.00nm			5.6mb
SLR	86.29	245	eP	11	22.60	0.2
	1.0s		45.00nm			5.7mb
SEK	86.41	242	iPd	11	23.50	0.6
	0.5s		21.13nm			5.6mb
PRY	86.79	243	iPc	11	25.00	0.2
	1.0s		20.00nm			5.3mb
BUL	86.98	250	iPd	11	26.90	1.1
	1.1s		31.01nm			5.5mb
LSZ	88.20	255	iPc	11	32.70	0.7
	0.8s		14.20nm			5.3mb
SNA	89.96	197	eP	11	40.00	1.1
KJF	100.34	334	iPdiff	12	25.80	-0.4
	0.8s		24.90nm			5.8mb
SOD	100.92	337	iPdiff	12	28.70	-0.1
SUF	100.97	332	iPdiff	12	28.90	-0.2
	0.5s		2.50nm			5.1mb
NUR	101.61	330	ePdiff	12	49.00	17.0X
ZST	106.10	317	ePKP	17	12.50	8.3X
BSF	113.02	317	ePKP	17	18.10	0.6
DOU	114.02	329	PKP	17	21.00	1.7
SSF	115.36	317	ePKP	17	22.80	0.9
	0.7s		4.40nm			
BGF	115.90	317	ePKP	17	24.10	1.1
	0.7s		5.30nm			
TCF	116.39	316	ePKP	17	24.90	0.9
CAF	116.78	315	ePKP	17	26.10	1.4
LSF	116.86	317	ePKP	17	25.40	0.6
LFF	117.70	315	ePKP	17	26.30	-0.1
PNT	118.22	39	ePKP	17	28.00	0.7
	0.7s		6.00nm			
EDM	120.48	34	ePKPd	17	32.00	0.5
S88	123.03	56	ePKP	17	38.00	1.0
EUR	123.45	50	iPKP	17	39.00	1.1
	0.2s		18.98nm			
GSC	123.74	55	ePKP	17	40.00	1.6
KIC	124.55	270	iPKP	17	41.00	0.5
TPC	124.58	56	ePKP	17	42.00	2.0
FFC	125.46	28	ePKP	17	42.00	1.0
	0.7s		5.00nm			
GLA	125.78	57	ePKP	17	44.00	1.6
BDW	127.01	44	ePKP	17	45.90	1.2
	0.8s		2.92nm			
RSSD	130.09	40	ePKP	17	51.30	0.8
	0.7s		7.29nm			
ALQ	132.02	52	ePKP	17	55.80	1.3
	0.8s		5.22nm			
			e	18	09.20	
TUL	139.59	46	ePKP	18	02.40	-6.0X
	0.8s		8.70nm			
VVO	139.91	47	e(PKP)	18	12.30	3.3X
RLO	140.00	45	ePKP	18	02.00	-7.1X
BHO	140.99	48	ePKP	18	07.50	-3.4X
OTT	143.21	18	ePKP	18	16.50	2.1
	0.5s		10.00nm			
MNT	143.70	15	ePKP	18	13.50	-1.7
			pP	18	26.50	
VAO	143.81	202	ePKP	18	14.10	-2.1
HNME	144.23	9	ePKP	18	15.70	-0.4
	0.6s		6.50nm			
RSNY	144.33	17	ePKP	18	15.90	-0.5
	1.0s		30.00nm			
SLA	144.37	173	ePKPc	18	26.20	8.9X
RSCP	146.55	38	ePKP	18	22.50	2.1
	0.7s		76.70nm			
YJA	146.89	172	ePKPd	18	25.20	3.3X
TPZ	147.55	171	PKP	18	26.20	3.3X
			i	18	28.00	
BLA	148.28	31	ePKP	18	27.20	4.0X
PRM	149.52	37	ePKP	18	30.70	5.6X
	0.8s		4.70nm			
ITR	150.51	230	ePKP	18	32.30	5.1X
	0.5s		42.00nm			
BAO	150.87	206	PKPd	18	34.50	6.7X
ARE	150.88	158	ePKP	18	35.00	7.0X
CCH	151.48	169	PKP	18	37.10	8.2X
CNCB	151.63	165	iPKP	18	38.00	8.5X
LPB	151.87	165	iPKPd	18	38.00	8.4X
	1.2s		93.75nm			
LPB	151.87	165	PKPd	18	38.00	8.4X
	1.2s		93.75nm			
			LR	20	30.00	
SOB1	152.00	225	ePKP	18	36.70	7.3X
			e	18	49.80	
			e	19	15.90	
ZOBO	152.11	165	iPKPd	18	38.20	8.0X
	S.D. = 1.3 on 99 of 137 obs.					

* SEP 15, 1985 23h 39m 09.72± 0.86s
4.316 S ±12.0km 135.894 E ±12.9km
DEPTH = 10.0km (geophysicist)
4.7mb (3 obs.)
WEST IRIAN REGION (196)

PMG	12.27	115	eP	42	07.00	-0.5
KNA	13.35	211	eP	42	22.00	0.1
WRA	15.61	185	eP	42	49.70	-1.8
			eS	45	39.50	
CTA	18.64	148	eP	43	30.00	0.3
	0.9s		11.76nm			4.1mb
ASPA	19.33	186	eP	43	40.00	1.7
			e(S)	48	01.00	
BRS	28.04	147	P	45	02.50	-0.8
KKN	58.27	306	eP	49	06.50	-0.9
	0.6s		6.00nm			4.8mb
DMN	58.33	306	eP	49	07.80	-0.1
	0.6s		8.00nm			5.0mb
QUE	74.17	303	eP	50	30.50	-18.5X
ARE	145.95	128	ePKP	58	54.00	2.1
TPZ	146.76	141	ePKP	58	57.00	3.8X
LPB	148.51	132	PKP	59	00.00	3.8X
ZOBO	148.65	131	iPKPc	58	56.50	-0.1

S.D. = 1.3 on 10 of 13 obs.

* SEP 16, 1985 00h 21m 12.36± 0.79s
6.110 S ± 9.8km 148.470 E ± 9.2km
DEPTH = 78.6 ± 9.5 km
5.0mb (3 obs.)
NEW BRITAIN REGION (192)

LAT	1.56	250	iPd	21	39.00	0.2
PMG	3.53	202	iPc	22	06.50	0.6
RAB	4.15	63	iPd	22	13.50	-1.2
	0.5s		338.03nm			
KVG	4.21	34	eP	22	16.00	0.5
CTA	14.06	189	iPd	24	29.80	0.5
	0.9s		10.92nm			4.2mb X
WRA	19.43	224	eP	25	34.00	-1.3
RMQ	20.27	179	iPc	25	44.30	0.3
	0.8s		64.00nm			5.0mb
BRS	21.56	170	iPc	25	56.10	-0.9
			ipPP	26	16.00	
ASPA	22.39	217	iPc	26	06.00	0.7
DZM	23.53	134	iPc	26	15.50	-0.9
NOU	23.68	135	iPc	26	19.50	1.7
STK	26.43	193	eP	26	44.00	0.4
YOU	28.03	180	iPc	26	58.10	0.0
CAN	29.07	179	eP	27	08.20	0.7
WAM	29.94	179	eP	27	15.00	-0.2
TAU	36.66	181	eP	28	12.00	-1.1
KLB	38.31	225	eP	28	26.00	-1.1
MRWA	38.31	229	eP	28	27.00	-0.2
	0.5s		10.00nm			5.0mb
MAT	43.50	348	(P)	29	25.00	15.3X
	1.2s		42.19nm			
SBA	72.34	176	e(P)	32	29.80	-1.2
SPA	83.93	180	iPc	33	35.00	0.1
	0.7s		8.59nm			4.9mb
VAO	147.37	153	ePKP	40	49.30	2.4
BAO	152.93	143	e(PKP)	41	01.90	6.3X
	S.D. = 1.1 on 21 of 23 obs.					

SEP 16, 1985 00h 27m 28.69± 0.68s
44.314 N ± 3.6km 7.471 E ± 7.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.3 (LDG).

FRF	0.96	219	Pg	27	47.10	0.1
			Sg	27	58.50	
LRG	1.18	223	Pg	27	51.20	0.6
			Sg	28	05.40	
LMR	1.20	216	Pg	27	51.40	0.3
			Sg	28	05.80	
LPG	1.29	337	Pn	27	53.00	0.2
			Sn	28	10.80	
CVF	2.02	149	Pn	28	02.90	-0.3
			Sn	28	25.70	
SMF	3.46	314	Pn	28	24.00	0.4
			Sn	29	02.80	
LBF	3.62	319	Pn	28	26.50	0.4
			Sn	29	05.70	
HAU	3.77	348	Pn	28	28.00	-0.2
			Sn	29	10.40	
AVF	3.81	312	Pn	28	29.00	0.4
			Sn	29	11.40	
LOR	3.89	321	Pn	28	30.10	0.3
			Sn	29	12.10	
SSF	3.91	316	Pn	28	30.30	0.3
			Sn	29	13.70	
CAF	3.91	281	Pn	28	29.70	-0.4
			Sn	29	13.20	
MZF	3.94	301	Pn	28	30.90	0.4
			Sn	29	15.30	
			Sg	29	34.20	
BGF	3.95	306	Pn	28	30.90	0.2
			Sn	29	14.90	
			Sg	29	34.60	
TCF	4.20	300	Pn	28	34.80	0.5
			Sn	29	21.40	
RJF	4.35	285	Pn	28	37.00	0.6
LPO	4.51	277	Pn	28	36.30	-2.3
LSF	4.62	297	Pn	28	40.30	0.1
			Sn	29	30.20	
MFF	5.83	296	Pn	28	57.40	0.2
KHC	6.39	39	eP	29	38.00	32.8X
LDF	6.77	312	Pn	29	10.00	-0.5
LPF	6.98	305	Pn	29	12.80	-0.6
GRR	7.06	308	Pn	29	14.00	-0.5

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FLN      7.06 312 Pn     29 14.10  -0.4
     S.D. = 0.7  on  23 of  24 obs.

   SEP  16, 1985  00h 36m 01.66± 0.65s
   44.306 N ± 4.6km     7.514 E ± 7.5km
   DEPTH =  11.0 ±  4.2 km
 NORTHERN ITALY                      (545)
      ML 2.9 (LDG).

FRF      0.97 220 Pg     36 20.20   0.1
                  Sg     36 31.50
LRG      1.19 225 Pg     36 24.20   0.4
                  Sg     36 38.60
LMR      1.21 217 Pg     36 24.50   0.4
                  Sg     36 38.90
LPG      1.31 336 Pn     36 26.20   0.2
                  Sn     36 43.00
CDR      1.41 244 eP     36 27.20   0.0
                  e      36 27.50
                  eSg    36 43.20
                  i      36 43.80
                  i      36 43.90
                  i      36 44.10
CVF      2.00 150 Pn     36 35.90   0.2
                  Sn     36 58.80
SMF      3.49 313 Pn     36 56.80  -0.1
                  Sn     37 35.90
LBF      3.65 318 Pn     36 59.60   0.3
HAU      3.79 348 Pn     37 01.00  -0.2
AVF      3.84 312 Pn     37 02.20   0.3
LOR      3.91 320 Pn     37 03.00   0.0
                  Sn     37 44.90
SSF      3.93 316 Pn     37 03.40   0.1
                  Sn     37 46.30
CAF      3.94 281 Pn     37 02.60  -0.8
MZF      3.97 300 Pn     37 04.10   0.3
BGF      3.98 306 Pn     37 04.20   0.3
                  Sn     37 47.80
     S.D. = 0.3  on  15 of  15 obs.

*  SEP  16, 1985  00h 40m 40.25± 2.82s
   44.313 N ± 6.7km     7.411 E ±29.8km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                      (545)
      ML 2.8 (LDG).

FRF      0.93 217 Pg     40 57.80  -0.3
                  Sg     41 09.10
LRG      1.15 222 Pg     41 01.80   0.1
                  Sg     41 16.30
LMR      1.18 214 Pg     41 02.30   0.1
                  Sg     41 16.90
LPG      1.27 339 Pn     41 04.20   0.1
                  Sn     41 21.80
CDR      1.35 242 eP     41 05.20   0.1
                  eSg    41 21.50
BGF      3.92 307 Pn     41 41.60  -0.2
     S.D. = 0.2  on   6 of   6 obs.

*  SEP  16, 1985  01h 52m 46.15± 1.98s
    4.778 S ±19.8km   136.227 E ±17.6km
   DEPTH =  10.0km  (geophysicist)
   4.1mb (  1 obs.)
 WEST IRIAN REGION                   (196)

JAY      5.00  63 ePd    54 03.50   0.4
PMG     11.78 114 eP     55 36.00  -1.3
KNA     13.14 213 eP     55 55.00  -0.5
WRA     15.19 187 eP     56 22.70   0.3
CTA     18.08 148 iPd    57 00.30   1.1
      0.7s    10.27nm          4.1mb
ASPA    18.91 187 eP     57 12.00   2.5X
                  e(S)   00 37.00
MAT     41.15   2 eP     00 46.00  13.8X
     S.D. = 1.3  on   5 of   7 obs.

*  SEP  16, 1985  02h 42m 02.69± 1.17s
   17.099 N ± 9.8km    94.849 W ±15.1km
   DEPTH = 101.2 ± 15.7 km
   4.6mb (  3 obs.)
 CHIAPAS, MEXICO                     ( 61)

PBJ      0.85 219 iP     42 21.00  -0.9
VHO      1.81 275 iP     42 32.00  -1.5
PIO      3.22 258 iP     42 46.80  -5.4X
                  i      43 16.00
TPM      4.42 296 iP     43 09.00   0.0
                  i      43 40.00
IIP      4.47 301 iP     43 11.00   1.3
                  i      43 42.00
III      4.58 287 iP     43 10.50  -0.7
                  i      43 44.00
UNM      4.68 299 iP     43 15.50   2.9X
                  i      43 49.50
IIC      4.96 303 eP     43 18.50   2.0
OXM      5.09 296 iP     43 18.50   0.1
                  i      44 01.50
JCT     14.07 342 eP     45 18.00  -0.6
      0.8s     45.15nm          4.8mb X
LTX     14.62 328 eP     45 28.00   2.2
      1.0s      7.00nm          3.8mb X
BHO     17.21 360 eP     46 06.00   7.9X
VVO     18.18 358 ePc    46 10.10   0.1
OCO     18.50 353 e(P)   46 14.80   1.0
TUL     18.76 358 iP     46 11.20  -5.3X
      0.8s     70.00nm          5.0mb
RLO     18.99 360 ePc    46 18.20  -0.9
ALQ     20.57 332 eP     46 35.00  -0.7
      1.0s      6.25nm          3.9mb
BLA     23.74  30 P      47 07.00   0.4
BDW     28.50 337 P      47 49.00  -1.7
LHC     31.57   7 eP     48 17.00  -0.4
LRM     32.18 337 ePc    48 23.30   0.1
OTT     32.44  26 eP     48 24.50  -0.5
FFC     37.95 353 eP     49 12.00   0.1
      0.6s      5.00nm          4.6mb
CCH     44.42 139 P      50 07.00   1.3
                  e      50 44.00
TPZ     47.79 142 P      50 34.00   1.7
INK     56.71 344 eP     51 36.00  -1.7
VAO     61.48 129 eP     52 10.20  -1.1
                  e      52 49.50
     S.D. = 1.2  on  23 of  27 obs.

   SEP  16, 1985  02h 54m 02.05± 0.26s
   15.296 S ±11.4km   174.153 W ±10.0km
   DEPTH = 138.6km  (  3 depth phases)
   4.9mb ( 12 obs.)
 TONGA ISLANDS                       (173)

AFI      2.68  59 iPd    54 38.60  -6.9X
                  S      55 05.00
NUE      5.52 134 P      55 14.00  -9.2X
                  S      56 10.00
DZM     19.57 247 iPc    58 20.70  -0.9
NOU     19.63 246 iPc    58 21.10  -1.0
KOU     21.17 253 iPc    58 38.00   0.4
KRP     24.32 200 eP     59 09.80   1.7
BRS     32.97 243 P      00 24.50  -1.2
CTA     37.96 257 iPd    01 08.00   0.0
      0.9s     23.11nm          5.0mb
PMG     38.21 274 eP     01 10.00  -0.2
CAN     38.52 232 iPc    01 12.10  -0.5
YOU     38.63 234 iPc    01 13.20  -0.3
CMS     39.86 239 eP     01 23.00  -0.6
TOO     41.97 230 eP     01 40.00  -0.9
WRA     49.16 257 iPd    02 36.70  -1.3
ASPA    49.45 252 iPd    02 39.00  -1.3
SBA     63.30 184 iPd    04 18.30   0.6
      1.0s     32.00nm          5.2mb
KLB     63.64 242 eP     04 19.00  -1.8
MUN     64.94 242 eP     04 27.00  -2.2
PRI     71.89  43 eP     05 12.00  -0.1
MWC     72.59  46 eP     05 15.00  -1.3
RVR     72.94  47 eP     05 17.00  -1.1
PLM     72.96  47 eP     05 17.00  -1.5
SBB     73.00  46 iPd    05 17.00  -1.5
FRI     73.01  43 eP     05 17.90  -0.5
JAS1    73.08  42 eP     05 18.30  -0.6
ISA     73.09  45 eP     05 18.00  -1.0
WDC     73.35  39 eP     05 20.00  -0.3
CLC     73.77  45 eP     05 23.00   0.0
MIN     73.77  39 eP     05 21.40  -1.6
TPC     73.93  47 eP     05 23.00  -1.0
GSC     74.03  46 eP     05 24.00  -0.6
GLA     74.27  49 eP     05 25.00  -0.9
SPA     74.80 180 iPd    05 28.90   0.3
      1.0s     60.00nm          5.3mb
MNA     74.84  42 eP     05 29.00  -0.2
KDC     74.95  12 eP     05 29.00  -0.2
BMN     76.55  41 eP     05 38.50  -0.3
      0.5s      6.15nm          4.6mb
                  pP     06 12.20 135km
EUR     76.84  42 iP     05 39.20  -1.3
      0.3s      7.69nm          4.9mb
SVW     77.57   9 eP     05 43.70  -0.2
PMS     78.76  12 eP     05 50.00  -0.4
      0.8s     24.00nm          5.0mb
TTA     79.25   8 eP     05 53.60   0.6
TOA     80.24  13 eP     05 59.00   0.7
PNT     80.32  33 iPd    05 58.50  -0.4
      0.8s     19.00nm          4.9mb
LTX     81.16  56 eP     06 04.00   0.1
      1.0s      6.00nm          4.3mb
                  pP     06 32.00 108kmX
ALQ     81.29  50 eP     06 04.00  -0.6
      1.0s     10.75nm          4.6mb
                  e      06 34.00 117kmX
LRM     82.39  38 ePd    06 09.70  -0.4
COL     82.43  11 iP     06 09.30  -0.3
      0.8s     64.18nm          5.5mb
FBA     82.43  11 eP     06 09.40  -0.2
IMA     82.56   8 eP     06 11.00   0.6
BDW     82.67  42 eP     06 10.80  -0.8
      1.0s     18.00nm          4.8mb
                  pP     06 45.70 138km
BJI     84.87 314 eP     06 23.50   1.1
SES     85.53  35 iPd    06 25.20  -0.4
EDM     85.78  32 iP     06 26.00  -0.7
RSSD    86.88  43 eP     06 31.80  -0.7
      0.6s      4.05nm          4.5mb
                  pP     07 08.30 143km
MAW     87.66 199 eP     06 36.00   0.4
INK     88.34  14 eP     06 38.00  -0.7
YKA     90.29  24 eP     08 50.00   2.1
SOB1   127.68 115 ePKP   12 51.70  -1.8
BUL    138.27 213 iPKPc  13 12.90  -0.6
      0.9s      7.98nm
MTD    139.25 220 ePKP   13 19.00   3.7X
WTS    143.38 359 ePKP   13 25.00   3.6
KRA    143.49 345 ePKP   13 30.20   6.5X
KSP    143.55 349 ePKP   13 19.50  -2.3
CLL    143.62 352 iPKP   13 18.80  -3.0X
      0.9s     17.00nm
BRG    143.92 351 iPKPc  13 20.10  -2.3
      1.0s     12.00nm
                  i      13 22.80
SPC    144.20 344 ePKP   13 21.60  -1.6
MOX    144.43 354 ePKPc  13 22.00  -1.3
      1.2s     28.00nm
UCC    144.57   2 PKP    13 23.00  -0.4
ENN    144.62 360 iPKPd  13 22.40  -1.1
      0.8s     16.00nm
PRU    144.68 350 PKPc   13 23.30  -0.4
      1.2s     33.00nm
HOF    144.73 353 iPKPc  13 23.30  -0.5
MEM    144.78 360 PKPc   13 23.20  -0.6
SNF    144.85   2 PKPd   13 23.20  -0.7
NAI    145.24 244 iPKPd  13 28.00   2.0
      0.8s     44.78nm
TLB    145.27 332 iPKPd  13 25.00   0.2
DOU    145.28   1 PKPd   13 24.90   0.2
GRF    145.42 354 iPKPd  13 25.50   0.5
      1.1s     70.00nm
PSZ    145.46 343 iPKP   13 26.00   0.8
      1.0s     24.60nm
MSR    145.47 336 ePKP   13 24.50  -0.7
MLR    145.47 335 iPKPc  13 25.00  -0.4
ISR    145.50 334 iPKPd  13 25.50   0.2
KHC    145.67 351 iPKPc  13 25.60   0.1
      1.0s     67.50nm
                  e      14 01.50
WLF    145.72 360 PKPc   13 26.40   1.0
ZST    145.90 347 iPKP   13 26.60   0.8
SRO    145.97 345 ePKP   13 26.90   1.0
VKA    146.01 347 ePKP   13 26.50   0.5
FLN    146.22   8 ePKP   13 27.20   0.9
      0.8s     22.40nm
COZ    146.25 336 ePKPd  13 28.50   1.8
LDF    146.43   7 ePKP   13 27.90   1.2
      0.8s     20.10nm
SOP    146.51 347 iPKPc  13 26.60  -0.2
GRR    146.54   8 ePKP   13 28.20   1.4
      0.8s     38.70nm
BUH    146.66 357 ePKP   13 29.00   1.9
LPF    146.87   8 ePKP   13 29.10   1.7
      0.8s     65.90nm
FUR    146.92 353 iPKPd  13 29.90   2.4
      1.0s     99.00nm
CDF    146.96 358 ePKP   13 29.80   2.1
      1.0s     44.00nm
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16d 03h

CLO 147.04 338 ePKPd 13 30.00 2.2
BHG 147.15 351 iPKPd 13 30.50 2.6
HAU 147.38 359 ePKP 13 31.00 2.7
0.8s 36.20nm
BSF 147.55 359 ePKP 13 31.20 2.6
1.0s 22.20nm
KBA 147.70 350 iPKPd 13 31.00 2.0
1.0s 24.60nm
GRC 148.01 4 iPKPc 13 30.20 1.0
i 13 32.80
LOR 148.08 3 ePKP 13 32.70 3.3X
0.6s 20.70nm
SSF 148.27 3 ePKP 13 33.40 3.7X
1.1s 56.10nm
LBF 148.37 2 ePKP 13 33.60 3.7X
0.8s 21.90nm
MFF 148.39 8 ePKP 13 33.40 3.5X
1.2s 41.60nm
LJU 148.49 348 ePKP 13 33.60 3.5X
e 14 03.50
AVF 148.53 3 ePKP 13 33.70 3.6X
0.8s 20.30nm
VOY 148.62 349 ePKP 13 32.60 2.2
JER 148.63 307 ePKP 13 35.50 4.7X
SMF 148.70 3 ePKP 13 34.10 3.7X
1.0s 19.00nm
BGF 148.73 4 ePKP 13 34.50 4.1X
1.0s 49.00nm
LSF 148.93 6 ePKP 13 34.50 3.7X
1.0s 34.20nm
TCF 148.95 5 ePKP 13 34.80 4.0X
0.8s 11.20nm
MZF 149.05 4 ePKP 13 35.30 4.3X
1.0s 40.40nm
RJF 149.86 6 ePKP 13 37.30 5.1X
1.0s 22.00nm
LPG 149.88 359 ePKP 13 38.40 5.8X
0.8s 30.90nm
LFF 150.14 7 ePKP 13 38.00 5.4X
0.8s 29.70nm
SKO 150.21 336 iPKPd 13 37.70 4.9X
CAF 150.29 5 ePKP 13 38.40 5.5X
1.2s 34.20nm
VAY 150.29 334 iPKP 13 37.40 4.5X
LPO 150.44 7 ePKP 13 38.60 5.5X
1.0s 22.00nm
OHR 151.19 336 ePKP 13 39.50 5.1X
EPF 151.96 9 ePKP 13 42.60 7.1X
0.8s 67.40nm
TOL 154.02 18 ePKP 13 43.50 5.1X
e 13 56.00
BNG 163.49 230 iPKPd 13 49.00 -1.0
0.9s 13.00nm
ic 14 41.20
ic 15 15.50
KIC 166.33 129 ePKP 13 52.00 -0.4
S.D. = 1.3 on 98 of 125 obs.

* SEP 16, 1985 03h 06m 20.64± 0.74s
28.294 N ± 8.0km 140.800 E ±10.4km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
BONIN ISLANDS REGION (212)

KYS 6.90 356 eP 08 03.00 0.9
OYM 7.23 350 eP 08 05.70 -1.0
DDR 7.80 350 eP 08 13.50 -1.3
TSK 7.92 356 eP 08 16.40 0.1
MAT 8.51 346 (P) 08 25.00 0.4
(S) 10 11.00
SHK 9.32 314 eP 08 36.80 1.1
SSE 17.27 284 iPd- 10 20.00 -0.8
6.0s 0.90nm 2.1mb X
N 10s 0.90um
E 10s 0.70um
sP 11 34.00
eS 13 40.00
ANP 17.50 264 eP 10 26.00 2.1
BAG 22.09 242 eP 11 13.00 -1.8
eS 15 18.00
QCP 22.79 237 eP 11 26.00 4.4X
8JI 23.42 306 eP 11 26.00 -1.6
epP 12 07.00 216kmX
eS 15 43.00
esS 16 54.00
eSS 17 15.00
HKC 24.77 262 eP 11 41.00 0.2
eS 16 11.00
DAV 25.54 217 eP 11 50.00 1.9
eS 16 28.00
LZH 32.08 294 eP 12 47.00 0.0
7.0s 787.00nm 5.7mb X
KMI 34.05 274 eP 13 04.00 -0.3
N 14s 0.50um
PP 14 24.00
S 18 38.00
sS 19 00.00
WRA 48.36 188 eP 14 59.30 -2.0
NDI 55.26 287 eP 15 54.00 0.9
COL 56.88 29 eP 16 04.00 -0.3
GBA 60.36 270 Pc 16 28.50 -0.6
0.5s 4.30nm 4.8mb
EDM 76.59 36 eP 18 08.50 -0.9
LRM 80.83 43 ePd 18 33.40 0.5
EUR 81.81 50 IP 18 40.50 2.4
0.5s 2.39nm 4.5mb
ZOBO 150.76 72 PKP 26 12.40 5.8X
LPB 150.91 72 PKP 26 13.00 6.3X
CNCB 151.14 73 PKP 26 16.10 8.9X
TPZ 155.03 80 ePKP 26 23.00 10.7X
S.D. = 1.3 on 21 of 26 obs.

? SEP 16, 1985 04h 16m 56.21± 1.49s
44.063 N ±20.6km 9.625 E ±12.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.8 (LDG).

CVF 1.59 201 Pn 17 49.00 24.5X
Sn 18 12.80
FRF 2.21 258 Pg 17 33.10 -0.4
Sg 17 44.20
LMR 2.37 253 Pg 17 37.40 1.6
Sg 17 52.60
LRG 2.44 257 Pg 17 37.10 0.4
Sg 17 52.00
LPG 2.50 306 Pn 17 39.40 1.6
Sn 17 56.80
CDR 2.82 263 eP 17 40.30 -1.8
e 17 40.70
eSg 17 57.10
e 17 57.30
i 17 57.60
VOY 3.61 55 ePgd 18 06.40 13.0X
iSg 18 15.30
CEY 3.80 62 ePg 18 03.80 7.7X
iSg 18 10.10
LJU 4.00 59 ePgc 17 58.80 -0.1
iSg 18 01.00
BGF 5.39 300 Pn 18 17.40 -1.2
S.D. = 1.6 on 7 of 10 obs.

* SEP 16, 1985 06h 42m 05.60± 1.46s
7.873 S ± 8.0km 127.370 E ±11.1km
DEPTH = 106.4 ± 15.9 km
4.8mb (8 obs.)
BANDA SEA (280)

AAI 4.24 11 eP 43 09.70 0.5
KNA 7.95 170 iPc 43 59.00 -1.1
0.3s 104.00nm 5.9mb X
eS 45 17.00
WRA 13.77 151 iPc 45 12.20 -5.3X
ASPA 16.91 159 eP 45 55.00 -2.1
ISO 17.37 139 iPd 46 00.80 -2.1
KKM 17.75 321 ePc 46 10.40 2.9
NAU 18.53 217 eP 46 18.00 1.3
0.4s 25.00nm 4.9mb
eS 49 38.00
PMG 19.62 96 eP 46 30.00 1.8
CTA 21.95 126 iPc 46 52.30 0.5
1.0s 13.00nm 4.2mb
MRWA 23.78 205 eP 47 11.00 1.5
0.4s 5.00nm 4.3mb
epPP 47 33.00
eS 51 36.80
BAL 24.72 202 eP 47 19.00 0.5
e 47 41.00
e 51 58.00
KLB 25.24 200 eP 47 29.00 5.7X
e 47 50.00
e 52 09.00
MUN 26.14 202 eP 47 31.00 -0.5
eS 52 28.00
NWAO 26.64 199 eP 47 37.00 0.9
0.5s 11.00nm 4.7mb
STK 27.31 153 iPc 47 42.10 -0.1
CMS 29.12 146 eP 47 58.00 -0.6
BFD 32.26 157 eP 48 27.00 0.9
YOU 32.64 147 eP 48 30.00 0.6
CAN 33.75 147 eP 48 40.00 0.9
NNT 34.17 306 eP 48 42.10 -0.7
WAM 34.35 148 eP 48 37.00 -7.1X
KMT 36.35 308 eP 49 01.00 -0.2
CHG 38.59 314 eP 49 20.00 0.0
PKI 53.75 313 eP 51 17.60 -2.0
0.6s 12.00nm 5.1mb
KKN 53.97 313 eP 51 18.90 -2.2
0.8s 15.00nm 5.0mb
DMN 53.99 312 eP 51 19.60 -1.7
0.6s 17.00nm 5.2mb
SBA 72.83 172 e(P) 53 12.00 -12.0X
e 08 05.10
SPA 82.18 180 iPc 54 16.00 0.1
0.9s 9.09nm 4.6mb
ALQ 123.91 53 ePKP 00 51.30 -2.2
1.0s 3.00nm
YJA 147.59 157 ePKP 01 39.00 1.5
TPZ 148.14 156 ePKP 01 40.00 1.7
VAO 148.82 190 ePKP 01 43.10 4.1X
CNCB 151.16 148 iPKP 01 50.00 6.7X
LPB 151.32 148 PKP 01 49.40 6.1X
ZOBO 151.53 147 PKP 01 49.70 5.8X
CCH 151.57 152 ePKP 01 33.00 -10.6X
S.D. = 1.5 on 27 of 36 obs.

SEP 16, 1985 07h 08m 24.31± 0.31s
20.805 S ±10.6km 173.493 W ± 5.1km
DEPTH = 33.0km (normal)
5.1mb (17 obs.)
TONGA ISLANDS (173)

NUE 3.77 63 P 09 13.00 -8.5X
S 09 50.00
AFI 7.05 14 P 09 57.00 -11.0X
S 11 06.00
SVA 8.05 288 ePd 10 23.00 1.1
VUN 8.08 289 ePd 10 23.00 0.6
NDF 9.07 288 eP 10 31.70 -4.4X
NOU 18.72 262 iPc 12 43.00 0.5
DZM 18.72 263 iPc 12 41.90 -0.7
KRP 19.53 207 eP 12 58.00 6.1X
KOU 20.80 267 iPc 13 07.20 1.9
TPT 25.28 81 iP 13 48.70 -0.6
1.2s 60.00nm 5.1mb
RUV 25.44 82 iP 13 50.10 -0.7
1.2s 50.00nm 5.0mb
8RS 31.42 251 iPd 14 44.20 -0.6
CAN 35.89 238 eP 15 24.30 0.9
YOU 36.16 240 eP 15 26.50 0.8
CTA 37.66 264 iPd 15 37.00 -1.4
0.6s 6.00nm 4.6mb
CMS 37.84 245 eP 15 40.00 0.2
TOO 39.17 236 eP 15 52.00 1.1
PMG 39.54 281 eP 15 52.00 -2.1
ASPA 48.55 256 eP 17 05.00 -1.7
0.5s 26.00nm 5.5mb
WRA 48.73 261 eP 17 05.70 -2.4
SBA 57.89 185 iPc 18 20.70 5.8X
1.0s 23.00nm 5.2mb
KLB 61.74 245 eP 18 42.00 -0.1
BAL 62.78 245 eP 18 49.00 -0.1
MUN 62.99 244 eP 18 51.00 0.6
1.0s 40.00nm 5.5mb
MAT 73.03 321 eP 19 51.00 -1.9
0.8s 9.70nm 4.9mb
MWC 75.99 45 eP 20 11.00 0.7
PLM 76.26 46 eP 20 12.00 0.2
RVR 76.30 45 eP 20 11.00 -0.8
SBB 76.42 44 eP 20 13.00 0.5
FRI 76.64 42 eP 20 13.50 -0.1
JAS1 76.80 40 eP 20 14.50 0.0
TPC 77.25 46 eP 20 17.00 -0.1
CLC 77.25 44 eP 20 18.00 0.9
WDC 77.29 37 eP 20 17.30 0.2
CWC 77.32 43 eP 20 16.00 -1.6
GSC 77.46 44 eP 20 18.00 -0.3
GLA 77.47 47 eP 20 19.00 0.6
MIN 77.66 38 eP 20 18.50 -0.9
MNA 78.50 41 eP 20 24.00 -0.1
8MN 80.30 40 eP 20 33.80 0.0

1.5s 22.73nm 4.9mb
EUR 80.49 41 iP 20 36.00 1.1
0.6s 7.82nm 4.9mb
LTX 83.71 56 eP 20 53.00 1.4
1.0s 8.00nm 4.8mb
ALQ 84.34 49 eP 20 55.40 0.6
1.5s 38.19nm 5.4mb
PNT 84.61 32 eP 20 55.00 -0.6
1.1s 17.00nm 5.1mb
CN2 85.17 321 P 20 58.70 0.3
LRM 86.31 38 ePd 21 04.80 0.4
BDW 86.34 42 eP 21 04.70 0.1
1.0s 5.60nm 4.7mb
TIA 86.63 311 eP 21 06.40 0.5
JCT 87.21 56 eP 21 08.90 0.0
1.1s 9.49nm 5.0mb
IPM 87.39 276 ePd 21 09.40 -0.7
COL 87.69 11 eP 21 09.00 -1.4
0.9s 10.50nm 5.1mb
BJI 89.11 314 eP 21 18.00 0.3
SES 89.68 35 eP 21 20.00 -0.2
EDM 90.12 31 eP 21 22.00 -0.1
RSSD 90.49 42 eP 21 24.30 0.0
1.2s 17.24nm 5.2mb
TIY 90.66 310 eP 21 26.20 1.2
XAN 91.70 306 Pc 21 30.20 0.3
VVO 92.35 53 e(P) 21 34.10 1.3
TUL 92.54 53 eP 21 37.00 3.3X
1.5s 29.10nm 5.5mb
HHC 92.62 313 eP 21 35.00 1.0
RLO 93.22 53 eP 21 37.00 0.2
CHG 94.33 288 eP 21 46.00 3.8X
KSP 149.05 348 ePKP 28 10.50 4.3X
CLL 149.13 352 ePKP 28 11.00 4.7X
i 28 21.60
MOX 149.95 353 ePKP 28 14.00 6.4X
1.6s 37.00nm
PRU 150.19 350 PKP 28 14.50 6.6X
MEM 150.26 1 PKP 28 15.70 7.7X
MLR 150.64 331 ePKP 28 15.00 6.0X
DOU 150.73 3 PKP 28 15.50 6.8X
KHC 151.18 350 IPKPd 28 16.40 6.9X
1.3s 24.00nm
WLF 151.20 0 PKP 28 17.40 8.0X
ZST 151.37 345 ePKP 28 24.20 14.4X
COZ 151.47 333 IPKPd 28 17.50 7.3X
FLN 151.55 10 ePKP 28 16.20 6.2X
1.2s 31.00nm
LDF 151.77 9 ePKP 28 16.70 6.4X
GRR 151.85 10 ePKP 28 16.90 6.4X
1.1s 18.80nm
SOP 151.98 345 ePKP 28 18.50 7.8X
JER 152.13 299 e(PKP) 28 21.00 9.5X
LPF 152.16 11 ePKP 28 17.60 6.7X
CLD 152.31 335 ePKP 28 18.00 6.7X
GRC 153.43 5 IPKPd 28 22.00 9.3X
i 28 33.80
LOR 153.51 4 ePKP 28 22.40 9.5X
SSF 153.69 5 ePKP 28 22.80 9.7X
1.2s 14.90nm
MFF 153.70 10 ePKP 28 22.70 9.6X
S.D. = 0.9 on 55 of 84 obs.

SEP 16, 1985 07h 28m 21.39± 0.23s
6.981 S ± 4.3km 129.426 E ± 5.7km
DEPTH = 85.5km (2 depth phases)
5.2mb (20 obs.)
BANDA SEA (280)

AAI 3.49 339 ePd 29 22.00 7.5X
eS 30 01.70
KNA 8.74 184 eP 30 26.00 -1.1
0.3s 215.90nm 6.4mb X
eS 31 58.00
MKS 10.05 279 iPd 30 51.00 6.1X
WRA 13.74 160 iPd 31 30.20 -3.6X
DAV 14.49 345 eP 31 50.00 6.4X
CGP 16.04 343 iPd 32 07.10 3.8X
1.0s 108.00nm 5.0mb
TRT 16.67 266 ePd 32 13.50 2.4
0.6s 64.50nm 5.0mb
ISQ 16.81 145 eP 32 12.00 -0.9
ASPA 17.14 166 eP 32 15.00 -2.0
e(S) 35 15.00
PMG 17.71 99 eP 32 24.00 0.0
0.9s 201.68nm 5.4mb
PPR 19.76 327 ePc 32 54.00 6.7X

NAU 20.48 219 iPc 32 55.60 1.0
0.3s 88.00nm 5.6mb
eS 36 40.00
CTA 20.88 130 eP 33 00.00 1.2
1.0s 25.00nm 4.5mb
KVG 21.74 79 eP 33 07.00 -0.3
MEK 22.10 207 IPc 33 11.80 1.0
0.5s 130.00nm 5.6mb
eS 37 14.00
MAN 23.04 339 eP 33 22.80 2.8
BAG 24.84 339 eP 33 37.60 0.1
MRWA 25.49 208 IPc 33 43.60 0.3
0.3s 44.00nm 5.4mb
BAL 26.36 205 eP 33 51.00 -0.3
0.4s 31.00nm 5.2mb
eS 38 49.00
KLB 26.80 202 eP 33 55.00 -0.4
0.5s 79.00nm 5.5mb
eS 38 59.00
STK 27.25 157 IPc 33 58.80 -0.7
MUN 27.76 205 eP 34 03.00 -1.0
0.7s 63.00nm 5.3mb
eS 39 26.00
NWAO 28.19 202 eP 34 08.00 0.1
0.4s 27.00nm 5.2mb
CMS 28.80 150 eP 34 13.00 -0.4
ADE 29.13 164 IPc 34 16.20 -0.3
0.7s 26.03nm 5.0mb
RKG 29.30 201 eP 34 23.00 5.1X
0.4s 14.00nm 5.0mb
eS 40 12.00
BRS 30.05 135 P 34 23.70 -1.0
eS 40 55.00
VSG 30.06 96 eP 34 24.00 -0.9
IPM 30.58 291 ePd 34 27.40 -2.1
0.9s 24.30nm 4.9mb
COO 31.54 141 eP 34 38.00 0.2
YOU 32.31 150 IPc 34 44.80 0.4
BFD 32.34 160 eP 34 45.00 0.4
CAN 33.45 150 IPc 34 54.80 0.5
e 35 09.60
i 35 53.60
TOO 33.77 157 eP 34 58.00 1.0
WAM 34.09 151 IPc 35 01.40 1.6
NNT 35.34 303 eP 35 11.00 0.4
LOE 36.55 312 eP 35 21.00 0.2
KHT 37.45 305 eP 35 29.00 0.6
BDT 38.52 309 IPd 35 35.00 -2.3
0.6s 25.00nm 5.3mb
SSE 38.67 349 eP 35 38.50 0.1
CHG 39.50 311 IPc 35 46.80 1.3
0.9s 54.62nm 5.4mb
GYA 39.91 327 P 35 49.60 0.7
WHN 40.01 340 Pd 35 51.20 1.7
pP 36 12.50 89km
NJ2 40.10 346 Pc 35 51.50 1.3
KMI 41.15 322 Pc 36 00.00 0.8
MAT 44.07 10 iPd 36 21.00 -1.6
0.9s 21.01nm 5.0mb
CD2 44.98 328 Pd 36 29.80 -0.2
XAN 45.18 336 Pc 36 30.40 -1.2
TIY 47.21 342 P 36 47.20 -0.3
BJI 48.36 346 eP 36 56.00 -0.3
SHL 48.77 313 iP 37 00.00 0.0
LZH 49.12 332 eP 37 02.50 0.0
1.5s 68.00nm 5.4mb
CN2 50.67 356 P 37 13.40 -0.6
pP 37 37.80 102kmX
LSA 51.79 317 eP 37 22.30 -1.0
GTA 53.68 332 iPc 37 36.40 -0.3
KOD 54.49 288 eP 37 42.00 -1.3
PKI 54.68 311 iPc 37 44.00 -0.5
KKN 54.89 311 iPc 37 45.70 -0.2
DMN 54.93 311 iPc 37 46.20 0.0
GBA 55.52 292 Pc 37 48.00 -2.3
0.7s 13.60nm 5.1mb
HY8 55.80 296 eP 37 50.50 -1.8
8.0s 57.10nm 4.7mb X
POO 60.38 296 eP 38 25.50 1.2
WMQ 63.07 327 P 38 41.50 -0.5
pP 39 02.50 82km
QUE 70.32 305 eP 39 27.80 -0.5
SBA 73.43 172 iPc 39 46.00 0.4
0.8s 8.96nm 4.7mb
MAW 74.76 201 eP 39 54.00 0.5
AVY 79.94 252 eP 40 23.40 0.1
EDM 111.69 35 ePKP 46 47.00 -0.7

ALQ 121.75 53 ePKP 47 07.00 -0.7
0.9s 4.20nm
JCT 128.36 56 IPKP 47 20.00 -0.4
0.8s 15.30nm
KIC 134.49 272 ePKP 47 31.40 -1.0
SLA 145.29 156 ePKPd 47 50.60 -1.2
YJA 147.55 154 ePKPd 47 58.80 2.9X
TPZ 148.06 153 IPKP 47 59.20 2.6
i 48 02.00
ARE 148.84 139 ePKP 48 02.00 4.1X
BMA 149.84 192 ePKP 48 04.50 5.6X
VAO 149.99 187 ePKP 48 04.20 5.0X
CNCB 150.76 144 iPKP 48 03.00 1.9
LPB 150.91 144 PKPc 48 02.00 0.9
0.9s 58.82nm
i 48 08.00
i 48 47.30
LR 54 34.00
ZOBO 151.10 143 PKP 48 02.40 0.8
LR 53 50.00
UPA 151.26 84 ePKP 48 06.80 5.6X
CCH 151.32 148 PKP 48 03.40 1.8
i 48 10.00
ITR 160.22 218 e(PKP) 48 13.00 0.3
SO81 161.25 211 ePKP 48 13.70 -0.1
S.D. = 1.1 on 72 of 84 obs.

? SEP 16, 1985 08h 27m 45.25± 4.15s
8.229 N ±51.5km 93.769 E ±13.6km
DEPTH = 33.0km (normal)
4.5mb (4 obs.)
NICOBAR ISLANDS REGION (704)

NNT 7.29 53 eP 29 32.30 0.1
KHT 8.05 36 eP 29 43.30 0.5
GBA 16.90 290 P 31 40.00 -1.0
S 31 43.00
GBA 16.90 290 P 31 49.00 8.0X
0.2s 1.90nm 3.9mb
HY8 17.41 303 eP 31 49.50 2.1
PKI 20.80 339 eP 32 26.00 -0.7
0.7s 12.00nm 4.4mb
DMN 20.95 338 eP 32 27.80 -0.3
0.7s 20.00nm 4.6mb
KKN 21.05 339 eP 32 28.40 -0.7
0.5s 18.00nm 4.7mb
S.D. = 1.3 on 7 of 8 obs.

SEP 16, 1985 10h 54m 28.68± 0.80s
50.114 N ± 7.9km 5.463 E ± 6.0km
DEPTH = 10.0km (geophysicist)
BELGIUM (541)
mbLg 2.2 (DOU).

DOU 0.56 268 Pgc 54 39.40 -0.6
e 54 48.00
MEM 0.61 35 IPgc 54 40.60 -0.3
Lg 54 48.00
WLF 0.63 135 iPg 54 41.60 0.2
SNF 0.85 298 Pg 54 45.80 0.7
e 55 01.30
GSH 0.85 43 IPd 54 44.70 -0.4
JCK 1.11 33 IPd 54 49.90 0.4
iS 55 04.80
S.D. = 0.7 on 6 of 6 obs.

• SEP 16, 1985 11h 02m 20.66± 1.25s
31.825 S ±10.6km 66.905 W ±12.4km
DEPTH = 33.0km (normal)
LA RIOJA PROVINCE, ARGENTINA (138)

CFA 1.16 280 iPc 02 42.30 1.7
S 02 57.00
RTLL 1.42 290 iPc 02 44.90 0.4
ZON 1.54 280 iPc 02 46.50 0.4
eS 03 06.00
RTCB 1.65 281 IPc 02 47.80 0.0
S 03 06.20
RFA 3.22 204 ePc 03 10.30 0.2
VCA 3.27 340 ePc 03 10.10 -0.9
S 03 46.00
PEL 3.45 247 iPd 03 11.40 -2.1
iS 03 49.50
SLA 7.18 10 e(P) 04 28.00 21.8X
V8A 7.41 148 ePc 04 09.70 0.4
S.D. = 1.3 on 8 of 9 obs.

16d 12h

& SEP 16, 1985 12h 48m 52.30s
59.701 N 152.226 W
DEPTH = 89.8km
SOUTHERN ALASKA (2)
<AGS-P>.

CNPM	0.53	109	iP	49	06.80	-0.7
			eS	49	18.50	
NNL	0.58	53	eP	49	08.10	0.2
AUH	0.71	242	iP	49	08.30	-0.9
			eS	49	21.25	
SLKM	1.29	50	eP	49	16.00	0.2
CRP	1.57	1	eP	49	18.50	-1.0
CGLM	1.62	4	iP	49	19.05	-1.0
PTE	1.98	52	eP	49	24.59	-0.1
PMS	2.04	39	eP	49	25.67	0.1
			eS	49	51.33	
GBY	2.25	69	iP	49	28.00	-0.4
			eS	49	55.75	
PWL	2.26	57	iP	49	28.00	-0.6
			eS	49	55.97	
PWA	2.27	30	eP	49	28.98	0.3
MTU	2.33	81	eP	49	30.26	0.8
			eS	49	58.06	
KNIM	2.35	72	eP	49	28.95	-0.8
KNK	2.53	46	eP	49	32.12	-0.2
GLI	2.82	63	eP	49	34.87	-1.3
			eS	50	08.02	
FID	3.05	67	eP	49	37.60	-1.8
			eS	50	12.86	
VZW	3.13	62	eP	49	39.23	-1.2
VLZ	3.26	61	eP	49	41.35	-0.8
KLU	3.59	57	eP	49	45.81	-1.1

19 obs. associated

• SEP 16, 1985 14h 15m 09.90± 0.89s
15.864 S ± 8.6km 166.200 E ±10.1km
DEPTH = 102.2 ± 8.8 km
4.8mb (1 obs.)
VANUATU ISLANDS (186)

PVC	2.75	133	iPd	15	54.00	0.9
KOU	5.02	201	iPc	16	25.60	1.5
			iS	17	30.90	
KOU	5.02	201	iPc	16	38.00	13.9X
			iS	17	47.80	
DZM	6.18	178	iPc	16	37.90	-2.4
			iS	17	54.90	
DZM	6.18	178	iPc	16	50.20	9.9X
			iS	18	06.80	
NOU	6.42	178	iPc	16	41.50	-1.9
			iS	18	01.00	
NOU	6.42	178	iPc	16	54.00	10.6X
			iS	18	13.30	
HNR	8.84	316	eP	17	17.00	0.5
			eS	18	55.00	
VSG	9.12	315	eP	17	20.00	-0.5
			eS	19	03.00	
SVO	9.13	316	eP	17	20.00	-0.5
			eS	19	04.00	
VUN	11.93	102	eP	17	59.00	1.1
BRS	16.93	225	iP	19	04.00	2.0
			i	19	24.00	
CTA	19.43	255	iPd	19	42.20	11.3X
	0.9s		9.24nm			
PMG	19.65	287	e(P)	19	41.00	7.8X
KRP	23.47	161	P	20	28.00	17.0X
TCW	26.21	166	P	20	41.50	4.7X
WRA	30.56	258	eP	21	22.20	6.1X
SBA	62.01	180	iPc	25	26.00	5.0X
	0.9s		9.24nm		4.8mb	
SPA	74.24	180	e(P)	26	41.20	3.9X
COL	87.74	18	eP	27	41.00	-7.0X
LOR	145.43	339	iPKPc	34	36.50	-1.0
LBF	145.63	338	ePKP	34	37.20	-0.6
GRC	145.68	339	iPKPd	34	42.50	4.7X
SSF	145.73	339	iPKPc	34	37.00	-0.9
	8.5s		4.30nm			
LPG	145.78	334	ePKP	34	37.90	-0.6
	0.5s		3.60nm			
GRR	145.87	345	iPKPc	34	36.90	-1.2
	0.5s		4.90nm			
SMF	145.97	338	ePKP	34	38.60	0.2
AVF	146.02	339	iPKPc	34	38.40	0.0
LPF	146.24	345	ePKP	34	38.00	-0.7
BNG	146.26	254	iPKPd	34	42.00	2.2
	0.3s		8.00nm			
			id	34	44.30	
			id	35	08.40	
BGF	146.40	339	iPKPc	34	38.80	-0.3
MZF	146.78	339	ePKP	34	40.20	0.5
TCF	146.85	340	iPKPc	34	40.10	0.3
LSF	147.11	340	ePKP	34	40.60	0.4
MFF	147.31	342	iPKPc	34	41.50	1.0
	0.7s		6.60nm			

S.D. = 1.2 on 23 of 35 obs.

& SEP 16, 1985 14h 20m 42.04s
62.264 N 150.777 W
DEPTH = 54.9km
CENTRAL ALASKA (1)
<AGS-P>.

PWA	0.75	145	iP	20	56.24	-0.5
			eS	21	06.95	
GHO	1.00	119	iP	20	59.68	-0.5
			eS	21	14.45	
PMR	1.03	130	eP	20	59.60	-0.8
			eS	21	14.20	
PME	1.04	127	iP	21	00.02	-0.6
CGLM	1.12	212	eP	21	01.25	-0.6
PMS	1.18	150	eP	21	01.73	-0.8
			eS	21	17.32	
CRP	1.20	214	iP	21	02.40	-0.5
			eS	21	18.50	
SML	1.24	111	eP	21	02.70	-0.7
SPU	1.25	210	eP	21	02.75	-0.7
			eS	21	18.70	
KNK	1.39	127	eP	21	04.56	-1.0
			eS	21	22.65	
PTE	1.64	148	eP	21	06.90	-1.9
			eS	21	26.50	
SCM	1.68	103	eP	21	08.60	-1.0
PWL	1.83	139	iP	21	09.47	-2.2
TOA	2.17	92	iP	21	15.89	-0.5
GLI	2.24	127	eP	21	15.41	-2.0
GBY	2.28	142	eP	21	15.32	-2.6
VZW	2.35	119	eP	21	17.26	-1.7
VLZ	2.40	116	eP	21	17.24	-2.4
			eS	21	44.30	
KLU	2.43	106	iP	21	17.86	-2.2
			eS	21	45.31	
FID	2.56	125	eP	21	19.04	-2.8
CNPM	2.76	185	eP	21	24.40	-0.3
COL	2.96	25	eP	21	26.00	-1.7
HMT	3.69	119	eP	21	37.42	-0.5

23 obs. associated

• SEP 16, 1985 16h 58m 22.57± 0.68s
4.273 S ± 9.7km 136.342 E ±10.0km
DEPTH = 10.0km (geophysicist)
4.6mb (2 obs.)
WEST IRIAN REGION (196)

PMG	11.88	116	e(P)	01	14.00	-1.1
KNA	13.62	213	eP	01	39.00	0.7
	0.5s		52.00nm		5.7mb	X
			e	04	07.00	
WRA	15.70	187	eP	02	03.50	-2.0
			eS	04	54.00	
CTA	18.45	149	iPc	02	41.50	1.3
	0.9s		16.81nm		4.2mb	
ASPA	19.42	187	eP	02	52.00	-0.2
HNR	23.98	104	eP	03	38.00	-0.3
BRS	27.83	147	P	04	14.70	0.5
ADE	30.62	176	eP	04	39.70	0.5
PKI	58.41	306	eP	08	20.60	-0.8
KKN	58.60	306	eP	08	22.60	0.0
DMN	58.67	306	eP	08	23.10	0.0
	0.7s		8.00nm		4.9mb	
TPZ	146.51	141	PKP	18	10.00	4.3X
CNC8	148.12	132	ePKP	18	13.00	4.4X
LPB	148.20	131	ePKP	18	10.00	1.5
ZOBO	148.34	131	PKP	18	14.90	6.0X

S.D. = 1.1 on 12 of 15 obs.

? SEP 16, 1985 19h 10m 16.46± 6.28s
37.006 N ±45.4km 140.080 E ±32.3km
DEPTH = 28.3 ± 8.8 km
HONSHU, JAPAN (227)

TSK	0.79	178	iPc	10	31.80	0.2
DDR	1.23	216	eP	10	37.80	-0.1
			e	10	57.80	
SRY	1.54	205	eP	10	42.10	-0.2
MAT	1.57	253	iPd	10	42.80	0.0
			eS	11	06.00	
OYM	1.72	203	eP	10	45.30	0.3
KYS	1.80	178	eP	10	45.90	-0.2

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

• SEP 16, 1985 20h 37m 34.97± 0.78s
31.284 N ±11.5km 49.470 E ±11.3km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
WESTERN IRAN (347)

SHI	3.10	121	eP	38	23.00	0.1
KER	3.65	328	eP	38	38.00	7.4X
TEH	4.72	19	eP	38	46.00	0.2
BHD	4.74	296	ePd	39	09.50	23.6X
			e	40	13.50	
			i	40	23.50	
MSL	7.31	316	eP	39	03.00	-19.2X
RTB	7.96	285	eP	39	40.00	8.7X
			i	40	55.00	
			i	41	17.00	
			iS	41	57.00	
			i	42	12.00	
QUE	15.07	90	eP	41	15.00	7.6X
CFR	21.66	316	eP	42	41.00	16.6X
MLR	23.15	314	eP	42	41.00	1.6
VAY	23.80	302	eP	42	48.00	0.5
COZ	24.07	313	eP	42	42.00	-6.3X
KHC	32.31	314	eP	44	03.40	0.5
FUR	33.46	311	eP	44	10.50	-2.4
SUF	34.83	341	iP	44	24.60	0.1
	0.5s		2.30nm		4.4mb	
KJF	35.65	344	eP	44	31.00	-0.5
HFS	37.34	331	eP	44	41.90	-3.9X
	0.5s		5.60nm		4.7mb	
SOD	38.57	346	eP	44	56.00	0.0
NB2	38.87	331	P	44	54.80	-3.8X
	0.6s		2.10nm		4.1mb	
BNG	39.47	234	iPd	45	04.20	0.1
	0.6s		4.00nm		4.4mb	

S.D. = 1.2 on 10 of 19 obs.

• SEP 16, 1985 20h 50m 11.89± 1.89s
56.037 N ±11.4km 5.075 W ±15.2km
DEPTH = 11.0 ± 6.4 km
UNITED KINGDOM (533)
ML 2.9 (EDI). Felt (IV) at Dunoon, Helensburgh and Greenock. Also felt at Lochgilphead, Rothesay and western Glasgow.

EAB	0.44	70	iPgc	50	21.20	0.3
ELO	0.88	60	ePbc	50	28.50	-0.1
EBH	0.90	76	ePbc	50	29.00	-0.1
EAU	0.93	101	iPbc	50	29.60	0.0
EDI	1.07	95	ePbc	50	31.70	-0.2
			eSb	50	45.00	
EBL	1.17	102	iPbc	50	33.70	0.0
EDU	1.26	65	ePbd	50	35.10	-0.1
ESY	1.39	94	iPbc	50	37.30	0.2
ETA	3.41	192	iP	51	06.10	0.0
			eS	51	48.40	

S.D. = 0.2 on 9 of 9 obs.

• SEP 16, 1985 21h 51m 08.22± 0.99s
8.482 N ±23.7km 58.478 E ± 9.1km
DEPTH = 10.0km (geophysicist)
4.7mb (6 obs.)
CARLSBERG RIDGE (421)

NAI	23.68	247	eP	55	51.00	-30.3X
BNG	39.87	267	ePc	58	44.00	-0.2
	0.8s		4.00nm		4.1mb	
BCAO	39.88	267	eP	58	44.00	-0.3
CHTO	40.55	71	eP	58	51.00	1.3
	1.1s		3.53nm		4.0mb	
XAN	52.79	54	eP	00	25.00	-1.1
KHC	55.20	326	eP	00	43.00	-0.5
TIY	56.57	50	P	00	53.10	-0.6
LPG	57.65	319	iPc	01	14.90	13.5X
	1.1s		12.20nm			
CDF	58.52	322	eP	01	07.60	0.4
	1.1s		14.60nm		5.0mb	
BJI	60.02	49	eP	01	17.50	-0.1

LOR 60.17 320 IPc 01 18.60 0.0
1.1s 14.60nm 5.0mb
SSF 60.32 320 eP 01 19.30 -0.3
1.1s 12.20nm 4.9mb
BGF 60.57 319 IPc 01 21.40 0.1
0.9s 6.30nm 4.7mb
GRC 60.68 326 IPd 01 23.10 1.1
S.D. = 0.8 on 12 of 14 obs.

SEP 17, 1985 00h 01m 36.93± 0.74s
49.039 N ± 4.9km 6.583 E ±10.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.0 (LDG).

WLF 0.69 336 Pg 01 49.00 -1.5
e 02 00.20
CDF 0.78 144 Pg 01 50.80 -1.3
Sg 02 03.40
HAU 1.05 189 Pg 01 57.70 1.0
Sg 02 13.00
BSF 1.22 173 Pg 02 00.60 0.9
Sg 02 17.10
MEM 1.62 347 Pg 02 05.90 0.4
e 02 30.90
DOU 1.67 310 Pr 02 06.30 -0.1
IPg 02 08.60
ISb 02 27.40
ENN 1.78 346 ePg 02 09.50 1.6
0.5s 7.00nm
e 02 32.00
SNF 2.10 316 eP 02 43.80 31.3X
LOR 2.54 227 Pn 02 18.90 0.0
Sn 02 51.20
Sg 02 59.40
LBF 2.70 221 Pn 02 20.50 -0.7
Sn 02 54.70
Sg 03 05.80
SSF 2.86 227 Pn 02 23.20 -0.2
Sg 03 10.80
SMF 3.02 219 Pn 02 25.60 -0.1
Sg 03 16.00
KHC 4.60 86 ePg 03 25.00 36.9X
eSg 04 09.50
S.D. = 1.1 on 11 of 13 obs.

* SEP 17, 1985 01h 57m 06.21± 0.50s
9.348 N ± 8.6km 126.742 E ±14.0km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

IPM 25.95 261 ePc 02 37.00 -0.7
WRA 30.05 166 eP 03 13.50 -1.3
BJI 31.98 345 eP 03 31.00 -0.5
BAL 40.88 193 eP 04 47.00 0.1
KLB 41.61 192 eP 04 53.00 0.2
BRS 44.39 146 P 05 16.70 1.1
GBA 48.44 280 P 05 49.00 1.2
0.8s 3.30nm 4.4mb
KEV 84.65 340 eP 09 38.00 0.5
INK 84.97 22 eP 09 39.00 -0.1
KJF 85.57 33 eP 09 42.00 -0.2
0.6s 17.00nm 5.4mb
SUF 86.58 333 IP 09 47.00 -0.2
0.4s 2.30nm 4.8mb
SBA 89.86 172 eP 10 06.00 3.5X
SLL 93.10 333 eP 10 17.80 -0.1
0.7s 3.30nm 4.9mb
S.D. = 0.8 on 12 of 13 obs.

? SEP 17, 1985 02h 41m 17.65± 0.69s
13.131 N ±12.4km 144.842 E ±28.7km
DEPTH = 106.9 ± 7.5 km
MARIANA ISLANDS (216)
Felt (III) on Guam.

GUA 0.41 9 IPd 41 33.90 0.1
0.6s 4746.67nm
IS 41 44.90
PJG 0.45 3 iPd 41 34.00 -0.1
CTA 33.04 176 iP 47 45.00 0.1
WRA 34.45 198 eP 47 56.80 -0.3
KOU 38.55 150 IPc 48 30.70 -0.9
DZM 40.90 149 IPd 48 51.40 0.3
BRS 41.01 169 IPc 48 52.20 0.4
NOU 41.10 149 IPd 48 52.80 0.2
YOU 47.26 176 eP 49 42.00 0.0
CAN 48.35 175 eP 49 50.20 -0.1
WAM 49.20 176 eP 49 57.10 0.3
ZOBO 147.98 100 PKP 00 48.80 -1.6
LR 22 24.00
LPB 148.00 100 PKP 00 49.20 -1.0
CNCB 148.10 101 IPKP 00 49.80 -0.7
TPZ 149.71 110 IPKP 00 54.80 2.1
CCH 149.83 102 PKP 00 54.10 1.2
S.D. = 1.0 on 16 of 16 obs.

* SEP 17, 1985 03h 23m 57.89± 0.73s
28.546 N ±12.3km 140.271 E ± 9.3km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
BONIN ISLANDS REGION (212)

MAT 8.16 348 eP 25 59.00 2.0
2.0s 176.47nm 5.8mb X
eS 27 46.00
SSE 16.76 283 P- 27 52.00 0.4
8.0s 3.10nm 2.5mb X
N 10s 1.10um
E 10s 0.80um
eS 31 12.00
sS 31 28.00
ANP 17.07 263 eP 28 04.00 8.3X
DL2 18.60 309 P 28 16.50 2.0
NJ2 18.82 286 Pd 28 17.50 0.3
SNY 18.97 319 eP 28 16.80 -2.2
CN2 19.32 326 Pd 28 20.00 -3.0X
QZH 19.69 265 IPd 28 25.50 -1.8
TIA 20.96 297 eP 28 39.40 -1.0
WHN 22.63 281 Pc 29 00.00 2.9X
BJI 22.90 306 eP 28 59.00 -0.7
epP 29 42.00
eS 33 13.00
esS 34 28.00
eSS 34 45.00
HKC 24.35 261 eP 29 16.00 2.1
eS 33 50.00
GZH 24.82 264 Pc 29 21.00 2.6
DAV 25.47 216 eP 29 24.00 -0.6
HHC 26.48 305 eP 29 34.00 0.0
XAN 27.28 290 eP 29 38.00 -3.3X
BTO 27.52 304 P 29 44.50 1.0
GYA 29.83 274 P 30 04.00 -0.5
CD2 31.71 283 eP 30 18.60 -2.3
PP 31 55.00
eS 36 04.00
sS 36 15.00
KMI 33.58 273 eP 30 39.00 1.6
E 11s 0.50um
PP 31 55.00
eS 36 00.00
sS 36 15.00
GTA 35.00 299 P 30 48.20 -1.2
CHG 38.91 265 eP 31 22.00 -0.4
WMQ 44.36 305 P 32 05.60 -1.3
WRA 48.54 187 Pc 32 33.30 -6.7X
0.7s 10.30nm 5.0mb
ASPA 52.27 187 eP 33 02.00 -6.4X
1.0s 10.00nm 4.7mb
KSH 53.39 300 eP 33 18.00 1.3
NDI 54.74 286 eP 33 26.00 -0.6
eS 41 12.00
COL 56.88 29 eP 33 42.00 0.4
GBA 59.89 270 P 34 04.00 0.8
0.5s 4.90nm 4.9mb
QUE 62.84 291 eP 34 21.00 -2.1
PNT 75.03 42 eP 35 38.00 0.1
EDM 76.66 36 eP 35 46.00 -1.1
LRM 80.96 43 ePc 36 10.20 -0.6
EUR 82.00 49 IP 36 15.40 -1.0
0.5s 1.60nm 4.3mb
ZOBO 151.13 71 PKP 43 46.10 1.7
LPB 151.28 72 PKP 43 45.50 1.0
CNCB 151.51 72 ePKP 43 48.00 3.0X
CCH 153.32 71 (PKP) 44 03.00 15.8X
TPZ 155.45 79 (PKP) 43 54.00 3.9X
S.D. = 1.4 on 30 of 39 obs.

% SEP 17, 1985 03h 29m 04.07± 1.60s
39.039 N ±10.4km 29.725 E ±16.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA 1.33 20 IPn 29 28.00 -0.6
BNT 1.92 314 ePn 29 36.00 -1.1
EDC 1.94 313 ePn 29 37.10 -0.3
ISK 2.09 346 ePn 29 50.00 10.5X
YER 2.22 211 ePn 29 41.60 0.1
CTT 2.33 335 ePn 29 45.00 2.0
KGT 2.34 308 ePn 29 32.60 -10.6X
KGT 2.34 308 ePn 29 43.00 -0.2
S.D. = 1.4 on 6 of 8 obs

& SEP 17, 1985 03h 33m 50.43s
60.143 N 152.414 W
DEPTH = 75.2km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM 0.20 281 iP 34 01.52 -0.3
iS 34 10.70
RDT 0.43 1 iP 34 02.85 -0.6
iS 34 13.09
NNL 0.57 100 iP 34 05.06 0.5
NKA 0.84 44 iP 34 08.64 1.2
BRLK 0.86 116 iP 34 07.21 -0.6
CNPM 0.86 136 iP 34 07.19 -0.6
PDB 0.96 249 iP 34 07.96 -1.0
iS 34 22.07
SPU 1.06 9 iP 34 09.45 -0.8
CRP 1.14 6 eP 34 10.56 -0.8
eS 34 27.16
SLKM 1.15 71 eP 34 10.50 -0.9
CGLM 1.19 10 IP 34 11.16 -0.8
SEW 1.48 90 eP 34 16.46 0.7
iS 34 33.19
SUA 1.56 31 eP 34 16.29 -0.6
MPA 1.56 76 iP 34 15.58 -1.1
PMS 1.79 51 IP 34 19.19 -0.7
PTE 1.83 65 iP 34 18.75 -1.6
SKT 1.89 13 eP 34 20.89 -0.4
PWA 1.96 38 eP 34 21.32 -0.8
PWL 2.14 69 IP 34 22.31 -2.4
PME 2.23 47 eP 34 24.94 -0.9
KNK 2.32 55 eP 34 25.14 -2.1
KNIM 2.34 83 IP 34 24.50 -3.0
GHO 2.36 45 eP 34 25.84 -2.0
MTU 2.39 92 iP 34 26.17 -2.0
CFI 2.51 63 eP 34 26.97 -2.8
SML 2.60 48 eP 34 28.83 -2.2
KLU 3.46 64 iP 34 39.99 -3.1
TOA 3.61 54 eP 34 42.94 -2.3
28 obs. associated

SEP 17, 1985 03h 39m 46.35± 0.91s
39.128 N ± 6.7km 29.570 E ±10.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA 1.29 26 IPn 40 10.00 -0.3
HRT 1.69 3 ePn 40 16.00 -0.1
BNT 1.77 314 ePn 40 16.00 -1.2
EDC 1.79 313 ePn 40 16.60 -0.9
BCK 1.85 154 ePn 40 14.80 -3.6X
IZM 1.95 249 ePn 40 18.90 -0.9
ISK 1.97 349 ePn 40 22.00 1.9
KGT 2.19 308 ePn 40 12.10 -11.2X
KGT 2.19 308 ePn 40 24.50 1.2
CTT 2.20 337 ePn 40 22.00 -1.4
YER 2.23 207 iPn 40 23.60 -0.4
ELL 2.39 173 eP 40 26.80 0.5
EZN 2.61 287 ePn 40 31.00 1.8
DMK 3.03 333 ePn 40 40.60 5.5X
S.D. = 1.3 on 11 of 14 obs.

SEP 17, 1985 03h 48m 54.05± 0.17s
2.084 N ± 3.6km 128.546 E ± 4.2km
DEPTH = 239.9km (3 depth phases)
5.3mb (26 obs.)
HALMAHERA (267)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 24C
Centroid Locotion:
Origin Time 03:48:55.9 0.3
Lat 2.09N 0.03 Lon 128.42E 0.04
Dep 229.0 2.1 Half-duration 2.6
Moment Tensor: Scale 10**24 D-CM
Mrr=-1.30 0.11 Mtt= 3.88 0.19
Mff=-2.58 0.25 Mrt=-2.21 0.15

17d 03h

Mrf= 1.37 0.15 Mtf= 1.30 0.14
Principal Axes:
T Val= 4.78 Plg=19 Azm=173
N -0.64 48 285
P -4.13 36 69
Best Double Couple:Mo=4.4*10**24
NP1:Strike=217 Dip=50 Slip=-166
NP2: 118 79 -41

AAI	5.74	184	ePc	50	21.70	2.3		
			eS	51	23.50			
DAV	5.79	329	iPc+	50	20.00	0.1		
MKS	11.61	231	ePc	51	36.00	1.9		
	0.9s	1776.10nm				6.3mb X		
			iS	53	50.60			
BKB	12.09	254	iPd	51	44.90	4.8X		
KKM	12.91	288	ePd	51	50.90	0.4		
	0.6s	106.80nm				5.3mb X		
OCP	14.49	330	eP	52	12.00	2.2		
MTN	15.05	170	iPc	52	15.20	-1.5		
BAG	16.25	332	eP	52	30.20	-1.1		
KNA	17.72	179	iPc	52	46.00	-0.8		
			e	56	03.00			
TRT	18.61	238	ePc	52	57.50	1.4		
	0.6s	218.70nm				5.9mb		
PJG	19.78	54	eP	53	07.60	-0.2		
GUA	19.79	54	eP	53	07.80	-0.1		
	0.5s	202.82nm				5.9mb		
LAT	20.36	115	eP	53	14.00	0.3		
PMG	21.77	122	eP	53	28.00	0.6		
WRA	22.62	166	iPc	53	35.20	-0.4		
LEM	22.69	247	ePc	53	38.00	1.5		
			eS	57	30.00			
KVG	22.72	102	eP	53	36.50	-0.1		
OZH	24.67	338	Pd	53	56.00	1.2		
			pP	54	41.00	237km		
			lS	57	54.00			
QIZ	24.88	314	Pc	53	57.30	0.5		
			S	58	02.00			
ISQ	25.09	155	eP	53	58.00	-0.8		
KGM	25.21	270	ePc	54	00.90	1.0		
			e	54	46.30			
GZH	25.56	326	Pc	54	04.00	1.1		
			pP	54	56.00	277kmX		
			S	58	10.00			
ASPA	26.12	169	eP	54	05.00	-3.1X		
IPM	27.58	276	ePd	54	19.00	-2.4		
	0.9s	49.20nm				5.2mb		
			e	55	10.30			
NAU	27.59	207	eP	54	20.00	-1.3		
	0.3s	32.00nm				5.4mb		
BGA	27.82	107	eP	54	22.00	-1.7		
CTA	28.06	143	iPc	54	25.00	-0.6		
	1.2s	75.00nm				5.2mb		
			i	54	30.50			
			i	55	17.00			
			lS	58	51.00			
PAA	28.16	107	iPd	54	25.30	-1.3		
PCT	29.57	297	eP	54	39.00	0.1		
PSI	29.60	272	lPd	54	38.80	-0.5		
	0.8s	115.80nm				5.6mb		
SSE	29.68	347	P	54	40.50	0.8		
N	20s	1.80um						
			S	59	12.00			
			sS	59	16.00			
			eSS	00	40.00			
			PcS	00	48.00			
MEK	30.12	198	iPc	54	41.90	-1.8		
MNT	30.38	292	ePd	54	46.00	-0.1		
LOE	30.43	302	eP	54	46.00	-0.5		
NST	31.09	297	eP	54	52.20	0.0		
NJ2	31.18	344	Pd	54	33.80	-19.0X		
			S	59	37.50			
WHN	31.34	336	Pd	54	54.80	0.6		
KHT	32.14	295	eP	55	02.00	0.6		
BDT	32.70	299	eP	55	03.60	-2.6		
	0.8s	31.20nm				5.0mb		
VSG	33.03	110	eP	55	08.00	-1.1		
SVO	33.10	110	eP	55	08.00	-1.6		
HNR	33.31	111	e(P)	55	11.00	-0.5		
MRWA	33.37	206	iPc	55	10.10	-1.7		
	0.3s	28.00nm				5.4mb		
CHG	33.42	302	iPd	55	13.20	0.8		
	0.9s	54.62nm				5.2mb		
			eS	00	24.00			
KMI	33.82	315	iPd	55	17.00	1.0		
N	11s	0.70um						

			S	00	21.00			
BAL	34.41	198	iPc	55	19.30	-1.3		
	0.2s	21.00nm				5.4mb		
RMO	34.47	147	eP	55	20.00	-1.2		
OYM	34.62	15	eP	55	19.90	-2.5		
KYS	34.67	17	eP	55	22.40	-0.3		
SRY	34.81	15	eP	55	23.20	-0.7		
KLB	35.02	196	iPc	55	24.60	-1.2		
	0.3s	47.00nm				5.5mb		
DDR	35.16	15	eP	55	25.60	-1.3		
MAT	35.43	13	iPd	55	27.40	-1.8		
	1.0s	151.00nm				5.5mb		
			eS	00	40.00			
TIA	35.57	344	eP	55	29.70	-0.6		
			ePcP	57	55.00			
			eScP	01	16.40			
			sS	02	18.50			
			SS	03	27.00			
TSK	35.60	16	eP	55	23.20	-7.4X		
MUN	35.84	198	eP	55	31.30	-1.3		
	0.5s	77.00nm				5.5mb		
STK	35.98	161	iPc	55	33.40	-0.4		
	0.5s	171.00nm				5.9mb		
NWAO	36.43	196	iPc	55	36.60	-0.9		
	0.5s	37.00nm				5.2mb		
XAN	36.70	332	iPd	55	39.20	-0.7		
			pP	56	34.00	264kmX		
			S	01	00.00			
CD2	37.04	323	P	55	42.60	-0.2		
			S	01	10.00			
DL2	37.19	351	eP	55	43.80	0.0		
BRS	37.46	143	P	55	45.20	-1.1		
			e	56	10.70			
			i	00	22.70			
RKG	37.57	196	iPc	55	51.30	4.2X		
	0.5s	59.00nm				5.4mb		
ADE	38.07	166	iPc	55	51.60	0.3		
	0.4s	389.83nm				6.3mb		
TIY	38.42	339	eP	55	54.20	-0.1		
			S	01	30.50			
COO	39.37	147	eP	56	02.00	-0.1		
BJI	39.42	345	eP	56	02.00	-0.2		
			pP	56	57.00	268kmX		
			ePcP	58	07.00			
			ScP	01	30.00			
			eS	01	41.00			
			eScS	05	45.00			
SNY	39.82	354	iPc	56	05.60	0.1		
			S	01	50.00			
			SS	04	51.00			
YOU	40.70	154	iPc	56	13.10	0.2		
			ePcP	57	13.50			
			ePP	58	48.80			
			eScP	01	38.10			
LZH	40.83	329	Pd	56	15.00	0.8		
	1.5s	204.00nm				5.4mb		
			eS	02	03.00			
BFD	41.17	163	iPc	56	17.10	0.4		
	1.2s	620.00nm				5.9mb		
			e	57	57.00			
HHC	41.53	340	iPc	56	19.80	0.0		
			pP	57	10.00	239km		
			S	02	18.00			
CN2	41.63	357	iPd	56	20.20	-0.1		
			pP	57	11.40	244km		
			PP	58	20.50			
			ScP	01	38.60			
			eS	02	15.00			
BTO	41.85	339	eP	56	22.00	-0.3		
CAN	41.85	155	eP	56	23.00	0.7		
			ePcP	57	26.00			
			ePP	58	05.90			
SHL	42.31	307	eP	56	25.00	-1.3		
TOO	42.47	160	iPc	56	28.30	1.0		
WAM	42.54	155	iPc	56	28.80	1.0		
			iPcP	57	30.20			
			ePP	58	11.40			
			eScP	01	45.10			
DZM	44.11	125	iPc	56	40.90	0.1		
NOU	44.23	125	iPc	56	42.00	0.4		
LSA	44.88	312	eP	56	46.60	-0.6		
			S	03	05.70			
GTA	45.43	328	iPd	56	51.30	0.3		
			pP	57	39.90	226kmX		
			PcP	58	27.40			
			ScP	01	55.00			
			S	03	12.20			

			ScS	06	20.90			
PKI	48.40	306	Pd	57	13.80	-0.7		
KKN	48.59	306	Pd	57	15.40	-0.4		
DMN	48.66	306	Pd	57	16.90	0.5		
KOD	51.37	281	eP	57	36.00	-1.2		
HYB	51.38	291	iPd	57	35.80	-1.1		
	1.0s	100.00nm				5.2mb		
GBA	51.79	286	P	57	38.30	-1.6		
MGO	52.32	114	eP	57	45.80	2.0		
SGE	52.43	114	eP	57	43.90	-0.8		
WMQ	55.10	325	P	58	03.30	-0.5		
			S	05	26.50			
NDI	55.54	304	iPd	58	04.70	-2.3		
	0.6s	20.00nm				4.9mb		
POO	55.99	291	lPd	58	08.40	-2.0		
	0.8s	37.31nm				5.0mb		
MSZ	58.27	148	P	58	24.70	-1.1		
KSH	60.45	315	eP	58	42.00	1.0		
AFI	61.23	107	P	58	48.60	1.5		
			e(S)	06	52.00			
QUE	64.55	302	eP	59	07.00	-1.2		
AVY	81.99	251	ePc	00	50.30	1.0		
SBA	82.47	172	lPc	00	51.20	0.8		
	1.1s	21.52nm				4.8mb		
MAW	82.86	201	eP	00	53.00	0.5		
COL	85.43	25	eP	01	05.00	-0.4		
INK	91.02	22	eP	01	31.00	-0.8		
JER	91.76	302	lP	01	38.00	1.9		
PRNI	92.02	300	lP	01	37.80	0.5		
KEV	92.05	340	eP	01	37.00	0.5		
SPA	92.07	180	eP	01	37.30	0.4		
	0.5s	12.96nm				5.2mb		
SOD	92.67	338	lP	01	38.20	-1.2		
KJF	92.85	335	lP	01	40.70	0.4		
	0.7s	18.70nm				5.2mb		
MBC	93.15	13	eP	01	43.00	1.5		
SUF	93.83	333	lP	01	30.60	-14.3X		
VRI	96.73	316	eP	02	00.00	1.6		
MLR	97.34	316	eP	02	00.50	-0.8		
CLO	99.59	316	eP	02	12.00	0.6		
HFS	100.31	333	ePdiff	02	12.80	-1.4		
	0.6s	5.00nm				5.2mb		
Z	16s	0.31um				4.9MszX		
			LR	38	26.00			
VAY	100.57	313	ePdiff	02	14.40	-1.4		
GOL	115.54	44	ePKP	07	11.20	1.5		
	0.8s	10.42nm						
ALQ	116.76	49	ePKP	07	12.00	-0.1		
	1.0s	10.25nm						
LHC	119.94	28	ePKP	07	17.50	0.1		
SCH	121.90	10	ePKP	07	22.00	1.0		
JCT	123.72	51	lPKP	07	26.00	0.6		
	0.8s	42.91nm						
TUL	124.00	43	ePKP	07	27.50	1.8		
	1.4s	43.60nm						
VVO	124.34	44	ePKP	07	27.70	1.3		
RLO	124.38	43	ePKP	07	27.90	1.5		
BHO	125.46	44	ePKP	07	29.20	0.7		
KIC	132.62	281	ePKP	07	44.00	1.2		
VBA	142.92	166	ePKPc	07	56.40	-4.7X		
LNV	143.21	152	ePKP	08	00.00	-1.6		
TACH	143.68	152	ePKP	08	00.50	-2.0		
BACH	144.14	152	lPKP	08	02.50	-0.8		
ROCH	144.21	151	lPKP	08	02.70	-1.0		
PEL	144.22	152	lPKPc	08	02.40	-1.1		
	0.3s	142.83nm						
FCH	144.26	152	ePKPd	08	03.30	-0.6		
JACH	144.65	151	lPKP	08	04.00	-0.3		
RTC8	146.48	153	ePKPd	08	09.80	2.4		
RTLL	146.77	153	ePKPc	08	09.60	1.9		
VCA	149.05	151	ePKPd	08	17.00	5.4X		
UPA	149.93	68	ePKP	08	13.00	0.0		
			e	08	18.50			
SLA	153.72	150	ePKP	08	19.80	1.3		
ARE	155.65	127	ePKP	08	33.00	11.6X		
YJA	155.81	147	ePKP	08	23.80	2.1		
TPZ	156.25	145	ePKP	08	25.00	2.8		
			i	08	56.00			
SDV	158.00	60	ePKP	08	25.50	1.2		
			i	09	01.80			
CNCB	158.13	133	ePKP	08	27.00	2.1		
LPB	158.22	132	PKP	08	27.00	2.2		
			LR	03	33.00			
ZOBO	158.36	132	PKP	08	26.90	1.8		
CCH	159.04	137	ePKP	08	27.00	1.5		
			e	10	06.00			
ITR	165.44	242	ePKP	08	23.40	-8.1X		

SOB1 167.34 236 ePKP 08 32.80 -0.2
e 09 40.20
ATB 178.58 147 PKPc 08 37.50 0.3
S.D. = 1.2 on 139 of 149 obs.

SEP 17, 1985 03h 57m 50.58± 0.62s
26.114 S ± 6.3km 27.978 E ± 9.5km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

SLR 0.47 36 iPd 58 00.30 0.4
S 58 06.70
PRY 0.93 209 iPd 58 09.00 0.1
S 58 22.00
EVA 1.06 112 eP 58 06.50 -4.7X
S 58 13.00
BFS 1.32 234 iPc 58 15.00 -0.6
S 58 30.50
SEK 2.22 188 eP 58 29.50 0.7
S 58 56.00
JOZ 3.90 111 eP 58 52.10 -0.4
BUL 5.97 6 iPn 59 21.40 -0.5
eSn 00 25.50
eSg 00 57.50
KRI 9.36 1(ePn 00 06.00 -3.4X
eSn 01 48.00
eSg 02 43.00
MTD 9.87 21 iPn 00 15.30 -1.1
eSn 01 58.80
iSg 02 55.30
LSZ 10.78 1 iP 00 30.30 1.4
iS 02 24.00
iLg 03 26.00
S.D. = 1.0 on 8 of 10 obs.

• SEP 17, 1985 04h 25m 25.98± 1.46s
39.388 N ± 8.1km 26.279 E ±13.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN 0.44 5 iPg 25 35.00 0.1
iSg 25 40.50
IZM 1.25 142 iPn 25 49.40 0.1
KGT 1.32 3o iPn 25 50.10 -0.3
EDC 1.55 51 iPn 25 53.40 -0.3
BNT 1.59 52 iPn 25 53.60 -0.6
KCT 1.82 61 ePn 25 56.60 -0.9
KDZ 2.36 343 iP 26 05.00 -0.4
CTT 2.41 42 ePn 26 03.00 -3.0X
DMK 2.68 24 ePn 26 10.60 0.7
ISK 2.71 51 ePn 26 12.00 1.7
MMB 2.94 319 eP 26 22.00 8.4X
JMB 3.09 4 eP 26 24.00 8.4X
S.D. = 0.9 on 9 of 12 obs.

? SEP 17, 1985 04h 40m 49.73± 3.12s
17.516 N ±33.7km 105.719 W ±12.7km
DEPTH = 10.0km (geophysicist)
4.2mb (4 obs.)
OFF COAST OF JALISCO, MEXICO (54)

LTX 11.91 9 eP 43 43.50 0.8
1.2s 9.28nm 5.0mb X
JCT 13.99 22 eP 44 11.80 1.5
1.1s 12.66nm 4.6mb X
ALQ 17.37 358 eP 44 54.00 0.0
1.8s 26.14nm 4.1mb
GLA 17.51 334 eP 44 56.00 0.4
PLM 18.68 330 eP 45 09.00 -1.3
TPC 18.94 333 eP 45 11.00 -2.2
BHO 19.40 28 eP 45 24.70 5.9X
RVR 19.45 330 eP 45 20.00 0.5
VVO 19.85 25 e(P) 45 23.10 -0.7
PAS 19.97 328 eP 45 25.00 0.0
MWC 19.97 329 eP 45 19.00 -6.3X
SBB 20.23 330 eP 45 33.00 5.1X
GSC 20.28 333 eP 45 28.00 -0.4
TUL 20.33 24 eP 45 28.30 -0.5
1.5s 70.30nm 4.8mb
Z 23s 0.55um 3.9MszX
RLO 20.86 25 eP 45 32.80 -1.5
CLC 21.06 332 eP 45 36.00 -0.4
FRI 22.99 330 ePc 45 55.50 -0.1
MNA 23.51 335 ePc 46 02.00 1.1
EUR 23.63 340 iP 46 02.40 0.2
1.0s 8.08nm 4.2mb
JAS1 24.08 331 ePc 46 06.60 0.4
e 46 32.20
MHC 24.22 328 eP 46 08.00 0.3
BMN 24.91 339 e(P) 46 13.70 -0.7
1.0s 5.00nm 4.1mb
ORV 25.89 331 ePc 46 26.00 2.5
S.D. = 1.1 on 20 of 23 obs.

SEP 17, 1985 04h 41m 58.87± 0.69s
40.747 N ± 4.9km 27.478 E ± 5.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KGT 0.32 204 iPg 42 06.10 0.5
EDC 0.50 144 ePg 42 09.00 0.1
iSg 42 15.60
BNT 0.52 139 iPg 42 09.10 -0.2
iSg 42 15.60
CTT 0.82 61 iPg 42 14.60 -0.2
iSg 42 26.60
KCT 0.83 126 iPg 42 15.10 0.1
iSg 42 26.60
DMK 1.09 11 ePn 42 19.60 0.2
ISK 1.24 75 ePn 42 22.00 0.1
EZN 1.27 224 ePn 42 22.00 -0.5
S.D. = 0.4 on 8 of 8 obs.

SEP 17, 1985 06h 53m 33.73± 0.43s
41.887 N ± 5.3km 23.019 E ± 3.7km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)
ML 4.6 (ATH). Felt (V) in the
Delcevo, Yugoslavia area.

MMB 0.61 119 iPgc 53 46.00 0.0
VAY 0.66 211 iPg 53 13.00 -33.8X
iSg 53 22.30
VAY 0.66 211 iPg 53 47.00 0.2
i 53 51.30
iSg 53 56.00
VTS 0.73 11 iPgc 53 47.00 -1.0
SKO 1.18 275 iPg 53 55.00 -0.8
0.5s 160.00nm
i 53 56.50
iSg 54 07.00
i 54 09.00
PLD 1.27 80 iPgd 53 59.00 1.6
KDZ 1.76 97 iP 54 05.00 0.5
KZN 1.84 211 ePn 54 06.00 0.3
iSn 54 33.00
iSg 54 38.00
OHR 1.84 246 iPn 54 05.70 0.1
DIM 1.92 84 eP 54 06.00 -0.7
IVA 2.51 294 ePn 54 15.00 -0.4
JMB 2.71 76 eP 54 17.00 -1.1
SRE 2.78 3 eP 54 25.50 6.4X
TTG 2.85 282 ePn 54 20.00 0.0
eSn 54 55.00
PLE 3.04 300 ePn 54 22.00 -0.8
NKY 3.12 289 ePn 54 24.00 0.0
eSn 55 04.00
CLO 3.19 357 iPd 54 23.00 -1.9
EZN 3.24 128 ePn 54 24.00 -1.6
BUC1 3.30 41 eP 54 40.00 13.5X
BUC 3.38 41 eP 54 41.00 13.4X
HCY 3.41 281 ePn 54 29.00 1.0
e(Sn) 55 10.00
BRY 3.47 288 ePn 54 30.50 1.6
e(Sn) 55 10.00
BEO 3.48 328 iPn 54 31.50 2.6
iSg 55 19.50
BEO 3.48 328 iPn 54 31.50 2.6
iSg 55 19.50
KGT 3.54 112 iPn 54 29.50 -0.3
DMK 3.54 89 ePn 54 35.60 5.7X
COZ 3.56 15 iP 54 29.00 -1.3
PRK 3.62 136 ePg 55 18.00 47.0X
ATH 3.95 172 ePn 54 45.00 9.4X
EDC 3.97 111 ePn 54 47.00 11.1X
BNT 4.01 111 ePn 54 41.00 4.5X
CTT 4.13 99 ePn 54 39.00 0.8
ISR 4.14 37 eP 54 41.00 2.6
VLS 4.15 208 ePn 54 27.00 -11.5X
ePg 54 42.00
MLR 4.18 29 ePd 54 38.50 -0.6
KCT 4.35 110 ePn 54 47.00 5.5X
TLB 4.55 52 eP 54 43.00 -1.2
VRI 4.80 33 ePd 54 47.50 -0.2
CFR 4.98 47 eP 54 52.00 1.8
YER 6.25 138 ePn 55 01.60 -6.7X
CEY 7.31 305 ePn 55 21.20 -1.9
SOP 7.39 324 e(Pn)c55 22.00 -2.2
LJU 7.40 307 e(Pn) 55 25.00 0.7
e(Sn) 56 44.00
ZST 7.57 328 eP 55 31.90 5.2X
TRI 7.71 303 eP 56 10.20 41.5X
e 57 38.60
e 57 50.50
VOY 7.78 305 ePnd 55 29.00 -0.8
e(Sn) 56 48.00
KHC 9.81 321 eP 55 58.40 0.5
e 56 21.60
e 57 24.10
e 57 52.40
S.D. = 1.3 on 33 of 47 obs.

• SEP 17, 1985 07h 45m 42.79± 1.30s
10.771 S ±12.7km 164.313 E ±15.1km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
SANTA CRUZ ISLANDS REGION (183)

HNR 4.50 287 eP 46 51.00 0.5
eS 47 44.00
SVO 4.71 290 eP 46 54.00 0.5
eS 47 50.00
VSG 4.78 288 eP 46 55.00 0.7
eS 47 53.00
KOU 9.73 180 iPc 48 03.40 -0.2
iS 49 45.00
DZM 11.42 170 iPc 48 25.90 -0.9
iS 50 28.60
NOU 11.66 170 iPc 48 32.00 2.1
iS 50 33.30
CTA 19.70 240 iPd 50 12.00 -0.6
0.8s 22.01nm 4.5mb
BRS 19.78 212 iPd 50 13.70 0.4
WRA 30.26 249 eP 51 51.00 -2.2
COL 83.51 19 eP 58 08.00 -0.3
S.D. = 1.3 on 10 of 10 obs.

SEP 17, 1985 07h 56m 20.55± 0.90s
42.013 N ± 6.6km 19.187 E ± 8.6km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.3 (TTG).

ULC 0.07 137 ePg 56 22.50 -0.4
iSg 56 25.50
TTG 0.42 8 iPgc 56 28.70 -0.4
iSg 56 36.00
HCY 0.67 311 ePg 56 33.50 -0.4
eSg 56 44.00
NKY 0.81 350 ePg 56 37.00 0.7
iSg 56 48.50
PVY 0.82 45 ePg 56 36.00 -0.6
eSg 56 49.00
IVA 1.01 31 ePg 56 40.00 0.3
eSg 56 55.00
OHR 1.51 126 ePn 56 48.10 0.4
SKO 1.68 91 ePn 56 56.20 6.1X
e 57 03.50
iSg 57 16.00
S.D. = 0.6 on 7 of 8 obs.

SEP 17, 1985 09h 56m 38.11± 0.30s
28.081 N ± 4.7km 140.684 E ± 5.8km
DEPTH = 33.0km (normal)
5.1mb (12 obs.)
BONIN ISLANDS REGION (212)

KYS 7.11 356 eP 58 25.90 3.4X
OYM 7.42 351 eP 58 26.00 -0.9
SRY 7.60 351 eP 58 27.60 -1.7
DDR 7.99 351 eP 58 35.80 0.9
TSK 8.12 357 eP 58 38.20 1.6
MAT 8.69 347 eP 58 46.00 1.5
0.7s 10.27nm 5.1mb
eS 00 40.00
SHK 9.39 315 eP 58 54.00 -0.2
SSE 17.22 285 P 00 36.00 -1.7
E 12s 0.90um
S 04 06.00
SS 05 12.00
ANP 17.38 265 e(P) 00 40.00 0.2

17d 10h

BAG	21.90	242	eP	01 30.60	0.2
			eS	05 38.00	
BJI	23.47	307	eP	01 45.00	-0.5
			eS	05 56.00	
HKC	24.64	282	eP	02 01.00	4.0X
			eS	06 28.00	
DAV	25.31	217	eP	02 13.00	9.6X
			eS	06 45.00	
KMI	33.97	274	Pc	03 22.00	1.0
			S	08 55.00	
LOE	37.32	262	eP	03 54.00	4.7X
CHG	39.23	266	eP	04 07.00	1.7
NST	39.43	260	eP	04 09.00	2.1
MTN	41.72	194	eP	04 25.00	-0.7
SHL	43.39	278	iP	04 40.00	0.4
IPM	44.34	246	ePc	04 46.60	-0.5
WRA	48.13	188	iPd	05 16.20	-0.8
CTA	48.19	173	eP	05 17.00	-0.4
PKI	48.52	283	eP	05 19.80	-0.6
	0.8s	27.00nm			5.3mb
KKN	48.58	283	eP	05 22.40	1.7
	0.8s	43.00nm			5.5mb
DMN	48.77	283	eP	05 24.00	1.7
	0.7s	25.00nm			5.4mb
ASPA	51.86	188	eP	05 45.00	-0.5
	1.1s	31.00nm			5.2mb
NDI	55.22	287	eP	06 09.50	-0.8
			eS	14 04.00	
BRS	56.36	167	P	06 17.20	-1.3
COL	57.11	29	eP	06 23.00	-0.4
	1.0s	12.50nm			4.9mb
GBA	60.25	270	Pc	06 46.10	0.2
	0.7s	6.90nm			4.9mb
KOD	61.67	267	eP	06 56.00	0.1
YOU	62.45	173	eP	07 00.30	0.0
QUE	63.35	292	eP	07 06.60	-0.1
CAN	63.55	172	eP	07 08.00	0.4
WAM	64.39	173	eP	07 13.50	0.5
KEV	71.61	340	eP	07 57.00	-0.8
SOD	73.00	338	iP	08 05.20	-0.8
KJF	74.33	335	iP	08 12.20	-1.5
	0.5s	9.80nm			5.1mb
PNT	75.13	42	eP	08 19.00	0.3
	1.1s	15.00nm			4.9mb
SUF	75.73	334	iP	08 20.50	-1.3
	0.6s	4.10nm			4.6mb
EDM	76.82	36	eP	08 28.00	-0.2
NEW	77.08	42	eP	08 30.00	0.3
NUR	77.58	333	iP	08 30.20	-1.9
	0.7s	6.70nm			4.8mb
MIN	77.80	51	eP	08 34.00	0.0
ORV	78.22	51	eP	08 36.60	0.5
JAS1	79.71	53	eP	08 45.00	0.7
UPP	80.74	335	iP	08 47.70	-1.5
LRM	81.06	43	ePd	08 51.90	0.3
EUR	82.03	49	iP	08 57.50	0.8
	0.2s	7.82nm			5.4mb
ALQ	90.86	49	eP	09 41.00	0.9
ZOBO	150.93	72	PKP	16 25.80	1.4
LPB	151.07	73	ePKP	16 20.00	-4.4X
TPZ	155.17	81	ePKP	16 33.00	3.1X
	S.D. = 1.0	on	47 of	53 obs.	

* SEP 17, 1985 10h 25m 48.76± 0.58s
28.012 N ±10.4km 140.638 E ±10.9km
DEPTH = 33.0km (normal)
4.8mb (7 obs.)
BONIN ISLANDS REGION (212)

MAT	8.75	347	eP	27 57.00	1.0
			eS	29 50.00	
TIA	21.49	298	eP	30 35.00	-1.7
WHN	23.05	283	eP	30 55.00	2.8X
BJI	23.48	307	eP	30 56.00	-0.2
XAN	27.77	290	eP	31 36.70	0.1
			i	33 25.00	
CD2	32.15	284	P	32 18.60	3.0X
			i	34 07.50	
GTA	35.54	299	eP	32 43.90	-1.0
CHTO	39.18	266	e(P)	33 19.80	4.2X
	1.0s	3.00nm			4.0mb
SHL	43.36	278	eP	33 37.00	-13.0X
WMO	44.93	305	P	34 03.00	0.7
WRA	48.06	188	eP	34 27.20	0.1
WRA	48.06	188	eP	34 12.20	-14.9X
PKI	48.49	283	eP	34 32.20	1.3
	0.9s	11.00nm			4.9mb

KKN	48.55	283	eP	34 33.00	1.8
	0.8s	21.00nm			5.2mb
ASPA	51.79	188	eP	34 55.00	-0.6
	1.0s	12.00nm			4.8mb
NDI	55.20	287	eP	35 20.50	-0.4
COL	57.19	29	eP	35 34.00	-0.6
	1.0s	7.50nm			4.7mb
EDM	76.90	36	eP	37 39.00	-0.3
LRM	81.14	43	ePc	38 03.20	0.6
HFS	82.04	336	eP	38 04.70	-2.9
	0.7s	2.00nm			4.3mb
EUR	82.10	49	iP	37 59.00	-8.8X
	0.2s	3.35nm			5.0mb
ZOBO	150.99	72	PKP	45 41.10	6.0X
Z	16s	0.13um			4.8MszX
		LR		59 38.00	
LPB	151.13	73	ePKP	45 36.00	0.9
Z	16s	0.34um			5.2MszX
		eLR		00 45.00	
CNCB	151.36	73	ePKP	45 36.00	0.4
	S.D. = 1.1	on	17 of	24 obs.	

* SEP 17, 1985 10h 27m 38.03± 0.71s
28.069 N ±13.1km 140.754 E ±10.6km
DEPTH = 33.0km (normal)
4.7mb (7 obs.)
BONIN ISLANDS REGION (212)

TIA	21.56	298	P	32 27.40	0.8
WHN	23.14	283	eP	32 45.60	3.3X
BJI	23.52	307	eP	32 46.50	0.6
TIY	25.57	299	eP	33 06.40	0.7
HHC	27.10	306	eP	33 20.00	0.2
BTO	28.14	304	eP	33 28.00	-1.3
KMI	34.03	274	eP	34 22.00	0.5
GTA	35.60	299	P	34 34.60	-0.1
CHTO	39.29	266	eP	35 06.50	0.8
	1.0s	3.75nm			4.1mb
ASPA	51.86	188	eP	36 45.00	-0.4
	0.9s	13.00nm			4.9mb
COL	57.09	29	eP	37 24.00	0.8
	1.0s	10.50nm			4.8mb
QUE	63.41	292	eP	38 06.00	-1.0
SOD	73.03	338	eP	39 06.00	-0.1
KJF	74.36	335	eP	39 09.00	-4.9X
	0.7s	12.00nm			5.0mb
		i		39 34.20	
SUF	75.77	334	iP	39 20.90	-1.0
	0.5s	2.50nm			4.5mb
NUR	77.62	333	iP	39 32.00	-0.3
	0.7s	8.00nm			4.9mb
EUR	81.99	50	eP	39 57.50	1.0
NB2	82.24	338	P	39 55.80	-1.3
	0.8s	3.70nm			4.5mb
	S.D. = 0.9	on	16 of	18 obs.	

* SEP 17, 1985 10h 39m 29.79± 0.87s
13.720 N ±12.7km 90.842 W ±10.1km
DEPTH = 33.0km (normal)
4.6mb (11 obs.) 3.6Msz (1 obs.)
NEAR COAST OF GUATEMALA (71)

VHO	6.67	302	iP	41 04.50	-3.7X
			iS	42 15.00	
JCT	18.61	335	eP	43 47.00	0.2
	0.9s	17.23nm			4.2mb
BOG	18.85	117	eP	43 55.00	4.9X
LTX	19.56	325	eP	43 58.00	0.0
	0.5s	12.94nm			4.5mb
BHO	20.89	351	eP	44 11.20	-0.5
PRM	21.68	19	e(P)	44 21.00	1.2
VVO	21.97	349	e(P)	44 23.00	0.4
RSCP	22.29	11	eP	44 27.90	2.0
	0.8s	28.37nm			4.8mb
POW	22.34	359	P	44 25.80	-0.4
QZO	22.44	342	eP	44 26.30	-1.0
TUL	22.54	349	e(P)	44 27.40	-0.8
	0.8s	24.20nm			4.7mb
Z	22s	0.26um			3.6Msz
RLO	22.67	351	eP	44 29.00	-0.5
TKL	22.75	15	P	44 32.50	2.2
GFM	23.73	18	P	44 41.60	1.6
ALQ	25.41	329	eP	44 56.60	0.4
	0.9s	8.40nm			4.3mb
GOL	28.87	336	e(P)	45 26.00	-1.8
GLA	29.11	315	eP	45 30.00	0.1
PLM	30.69	314	eP	45 39.00	-5.1X

MSU	31.09	326	P	45 47.50	-0.1
GSC	31.76	317	eP	45 48.90	-5.3X
MWC	32.00	314	eP	45 55.00	-0.6
DAU	32.05	330	P	45 56.70	0.7
CLC	32.58	317	eP	46 00.00	-0.5
DUG	32.66	328	P	46 01.40	0.2
	1.0s	7.50nm			4.5mb
VPEM	32.81	317	P	46 02.60	0.1
BDW	33.16	334	e(P)	46 05.00	-0.6
EUR	33.88	324	iP	46 12.80	0.9
	0.5s	13.96nm			5.1mb
MNA	34.51	320	ePd	46 18.70	1.4
FRI	34.65	317	eP	46 17.80	-0.5
PRI	34.83	315	e(P)	46 18.70	-1.3
BMN	35.23	324	eP	46 24.20	0.8
	0.8s	8.82nm			4.7mb
JAS1	35.65	318	eP	46 27.20	0.4
MHC	36.13	316	eP	46 31.80	0.8
LRM	36.84	335	ePd	46 36.80	-0.2
RSON	37.11	357	eP	46 36.20	-2.7
	0.8s	21.13nm			5.1mb
ORV	37.27	319	eP	46 41.60	1.2
MIN	37.79	320	eP	46 45.20	0.2
GAS	38.10	319	P	46 49.60	2.1
FHC	39.54	319	eP	47 00.50	1.0
FFC	41.83	350	eP	47 17.00	-1.0
	1.1s	10.00nm			4.5mb
PNT	42.64	332	eP	47 25.00	0.3
	0.8s	14.00nm			4.7mb
EDM	43.27	340	iPd	47 29.00	-0.8
SCH	45.11	19	eP	47 43.00	-1.6
ITR	56.62	110	eP	49 08.30	-4.1X
		e		49 11.50	
INK	61.03	343	eP	49 40.00	-2.2
COL	63.95	337	eP	50 00.00	-1.7
KIC	84.74	85	eP	52 02.00	-0.6
WRA	136.41	255	PKPc	58 55.60	4.7X
	0.4s	0.70nm			
CHG	146.26	343	ePKP	59 09.00	0.7
LOE	146.68	338	ePKP	59 09.00	0.0
BDT	147.73	342	ePKP	59 10.00	-0.6
NST	148.84	339	ePKP	59 16.50	4.0X
GBA	150.47	24	PKP	59 16.00	1.1
	S.D. = 1.1	on	46 of	53 obs.	

* SEP 17, 1985 10h 57m 10.77± 0.90s
10.576 S ±16.8km 41.094 E ±18.9km
DEPTH = 10.0km (geophysicist)
5.0mb (2 obs.)
NORTHWEST OF MADAGASCAR (574)

NPA	4.83	202	iP	58 25.00	-0.3
			iS	59 16.00	
TET	9.17	232	eP	59 30.00	3.8X
			eSn	01 10.00	
			eSg	01 52.00	
MTD	11.11	235	iPn	59 53.20	0.3
			eSn	01 54.20	
			eLg	03 05.40	
KRI	12.76	240	iPn	00 14.00	-1.3
			iSn	02 32.00	
BUL	15.33	230	ePn	00 49.00	-0.1
BUL	15.33	230	iP	00 56.00	6.9X
			iLg	05 15.00	
GBA	43.33	57	P	05 13.00	-1.9
KIC	48.64	288	eP	06 07.80	10.6X
NUR	72.05	352	iP	08 15.60	-21.1X
	0.5s	9.80nm			
SUF	73.98	353	iP	08 48.70	0.8
	0.7s	6.00nm			4.7mb
KJF	75.25	354	iP	08 55.80	0.6
	0.7s	16.09nm			5.2mb
SPA	79.49	180	e(P)	09 21.00	2.0
	S.D. = 1.5	on	8 of	12 obs.	

* SEP 17, 1985 13h 26m 50.99± 0.54s
36.173 S ±10.8km 101.604 W ±14.3km
DEPTH = 10.0km (geophysicist)
4.3mb (1 obs.)
SOUTHERN PACIFIC OCEAN (692)

TPZ	34.47	75	eP	33 42.00	0.4
ZOBO	35.73	65	P	33 52.20	-0.4
Z	16s	0.13um			3.8MszX
		LR		43 18.00	
SPA	54.01	180	e(P)	36 17.50	0.2
SBA	55.29	195	e(P)	36 26.10	-0.3

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ALQ     70.90 356 e(P)   38 09.00   -1.3
PRI     74.10 344 eP     38 29.80    0.7
JAS1    75.76 345 eP     38 38.80    0.3
MNA     75.80 347 eP     38 39.30    0.5
EUR     76.44 349 iP     38 42.80    0.2
        1.0s      2.50nm          4.3mb
WDC     78.77 344 ei     38 54.60   -0.5
     S.D. = 0.7  on  10 of  10 obs.

   SEP  17, 1985  13h 45m 17.54± 0.74s
   23.924 N ± 6.3km  121.538 E ±10.5km
   DEPTH =  21.4 ±  7.0 km
   3.9mb (  1 obs.)
 TAIWAN                              (244)

TWD     0.16  19 iPd    45 22.00   -0.4
TWF1    0.61 201 iP     45 28.50   -0.9
TWF1    0.61 201 iP     46 24.00   54.6X
TWQ     0.73 299 iPd    45 32.50    1.0
TWC     0.74  23 iPd    45 32.00    0.4
TWZ     1.17   2 iPd    45 40.10    1.4
                 eS     45 58.20
TWG     1.18 201 ePc    45 39.60    0.8
ANP     1.25 359 iPc    45 42.90    3.0X
        0.8s  1432.84nm
                 eS     46 02.70
QZH     2.87 291 ePn    46 02.90   -0.1
                 Pg     46 10.90
                 Sn     46 36.00
                 Sg     46 45.60
SSE     7.15 358 eP     47 03.00   -0.5
                 Lg     48 47.50
                 Lg     49 05.50
                 sP     14 44.00
                 S      16 55.00
GZH     7.57 265 ePn    47 16.40    7.1X
NJ2     8.44 344 Pc     47 19.00   -2.5
BJI    16.69 346 eP     49 21.00    9.3X
GTA    24.00 315 eP     50 36.90    5.2X
WRA    45.35 163 P      53 36.00   -0.2
        0.4s      0.60nm          3.9mb
COL    68.89  27 eP     56 23.00    0.5
     S.D. = 1.3  on  11 of  16 obs.

•  SEP  17, 1985  14h 22m 15.42± 0.86s
   26.572 S ±10.5km   27.777 E ±11.0km
   DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA            (584)

PRY     0.45 217 iPd    22 30.00    5.6X
                 S      22 35.00
BFS     0.95 250 iPc    22 33.50   -0.5
                 S      22 41.50
SLR     0.95  29 iPc    22 39.00    4.9X
                 S      22 51.40
EVA     1.17  87 e(P)   22 36.50   -1.3
SEK     1.75 184 iPc    22 55.50    8.7X
SWZ     2.27 254 eP     22 52.00   -2.4
BLF     2.89 209 eP     23 08.30    5.1X
JOZ     3.93 104 eP     23 30.00   12.2X
BUL     6.44   7 iPnc   23 54.50    1.0
                 iSn    25 01.10
                 iSg    25 33.50
SUR     8.39 225 eP     24 22.20    1.5
                 S      25 52.00
KRI     9.84  10 iPn    24 41.00    0.2
                 iSn    26 23.00
                 eSg    27 19.00
CER     9.99 225 eP     24 42.50   -0.2
                 S      26 34.50
TUH    10.04 226 eP     24 45.00    1.6
                 S      26 30.00
MTD    10.36  21 iPn    24 49.70    1.7
                 iSn    26 38.90
                 iLg    27 40.50
LSZ    11.25   2 iP     24 58.40   -1.6
                 iS     26 56.70
                 iLg    28 02.90
TET    11.69  29 eP     25 11.00    5.0X
                 eSn    27 18.00
                 eSg    28 23.00
     S.D. = 1.6  on  10 of  16 obs.

•  SEP  17, 1985  14h 36m 52.32± 1.08s
   3.014 S ±12.0km  135.699 E ±13.0km
   DEPTH =  10.0km  (geophysicist)
   4.3mb (  3 obs.)

 WEST IRIAN REGION                   (196)

MTN     10.76 205 eP     39 30.00    0.4
PMG     13.04 120 eP     40 01.00    0.7
KNA     14.38 208 eP     40 18.00    0.0
                 eS     42 46.00
WRA     16.88 184 Pd     40 51.70    1.3
        0.5s      8.20nm          4.1mb
WRA     16.88 184 eP     40 44.70   -5.7X
                 i      40 51.80
                 eS     43 36.00
CTA     19.85 150 eP     41 25.00   -1.6
        0.7s      6.51nm          4.1mb
ASPA    20.61 185 eP     41 33.00   -1.5
        0.8s     83.00nm          5.1mb
BRS     29.23 148 iPd    42 57.20    0.6
TWZ     31.12 335 iPd    43 13.50    0.1
ANP     31.22 335 eP     43 45.00   30.6X
     S.D. = 1.2  on   8 of  10 obs.

   SEP  17, 1985  14h 42m 32.07± 0.73s
   22.470 N ± 7.9km  121.290 E ± 8.8km
   DEPTH =  76.2 ±  6.4 km
   4.6mb (  3 obs.)
 TAIWAN REGION                       (243)

TWG     0.40 330 iPd    42 44.00   -0.8
TWM1    0.87 294 iPd    42 50.70    1.1
                 eS     43 01.50
TWF1    0.88   0 iPd    42 49.00   -0.7
TWD     1.63  10 iPc    42 59.20   -0.1
TWQ     1.84 347 ePd    43 02.40    0.1
TWC     2.19  13 iPc    43 08.00    1.0
                 eS     43 33.00
HKC     6.59 270 iP     44 08.20   -0.1
                 iS     45 26.40
MCO     7.17 269 eP     44 22.30    6.0X
BJI    18.05 347 eP     46 39.00   -0.1
MAT    20.29  43 eP     47 04.00    0.0
WRA    44.04 162 eP     50 33.20   -0.9
CTA    48.82 148 iPc    51 12.80    1.1
        0.5s      2.82nm          4.5mb
SOD    71.26 336 iP     53 44.80    0.1
KJF    71.55 333 iP     53 46.20   -0.3
        0.5s     11.20nm          5.0mb
SUF    72.60 331 iP     53 52.40   -0.3
        0.5s      3.00nm          4.5mb
     S.D. = 0.7  on  14 of  15 obs.

•  SEP  17, 1985  18h 47m 47.92± 1.47s
   42.879 N ±16.3km    0.064 W ± 4.7km
   DEPTH =  10.0km  (geophysicist)
 PYRENEES                            (378)
     ML 3.1 (LDG).

JAU     0.28 305 P      47 53.49   -0.3
EPF     0.33  63 Pg     47 53.60   -1.2
LHE     0.41 275 Pc     47 57.20    0.8
OGE     0.42 314 P      47 55.61   -0.8
ESCF    0.43 298 P      47 56.31   -0.3
                 S      48 02.31
ATE     0.51 294 P      47 58.21   -0.1
MADF    0.61 295 P      47 59.96   -0.3
MLS     0.85  84 eP     48 04.60    0.3
                 e      48 15.70
SMCF    1.85 100 P      48 46.90   26.9X
                 S      48 49.20
LPO     2.02  26 Pg     48 23.60    1.2
                 Sg     48 48.30
LFF     2.14  15 Pg     48 26.30    2.2
                 Sg     48 51.10
CAF     2.56  36 Pn     48 28.60   -1.6
                 Pg     48 33.80
                 Sg     49 03.20
RJF     2.68  25 Pg     48 36.60    4.7X
                 Sg     49 07.00
LSF     3.56  18 Pg     48 52.00    7.7X
                 Sg     49 35.80
TCF     3.78  25 Pg     48 55.20    7.8X
                 Sg     49 43.00
MZF     3.84  29 Pg     48 56.00    7.7X
                 Sg     49 43.80
BGF     4.22  28 Pg     49 04.80   11.1X
                 Sg     49 56.00
     S.D. = 1.2  on  11 of  17 obs.

   SEP  17, 1985  19h 52m 45.89± 1.00s
   63.091 N ± 6.5km  149.512 W ± 6.6km
   DEPTH = 114.4 ± 25.6 km
 CENTRAL ALASKA                      (  1)

PWA     1.46 187 iPd    53 12.30   -0.5
PMR     1.51 173 ePc    53 13.40   -0.1
                 eLg    53 35.00
TOA     1.83 121 iPc    53 18.10    0.6
PMS     1.85 181 iPd    53 18.10    0.4
FBA     1.97  22 iPd    53 18.80   -0.3
TTA     2.97 270 eP     53 32.60    0.2
IMA     3.49 331 e(P)   53 39.60    0.2
SVW     3.49 238 eP     53 39.20   -0.2
BCPM    5.68 119 eP     54 08.90   -0.2
     S.D. = 0.4  on   9 of   9 obs.

   SEP  17, 1985  19h 57m 08.43± 0.45s
   28.096 S ± 5.0km   66.871 W ± 9.6km
   DEPTH = 165.6 ±  5.9 km
   5.0mb ( 11 obs.)
 CATAMARCA PROVINCE, ARGENTINA       (130)

CYA     1.01 110 iPd    57 35.20    0.1
                 S      57 52.80
VCA     1.34 241 i(P)   57 40.10    2.0
RTLL    3.51 203 iPc    58 04.00    0.5
SLA     3.57  21 ePd    58 04.80    0.4
                 S      58 46.00
CFA     3.70 198 iPc    58 06.00    0.2
                 S      58 48.30
RTMQ    3.74 204 iPc    58 06.80    0.4
RTCB    3.77 206 iPc    58 07.80    0.9
                 S      58 51.20
ZON     3.78 204 iPc    58 08.00    1.1
RTCV    4.02 201 iPc    58 10.30    0.2
                 S      58 56.60
MDZ     5.07 199 eP     58 24.70    0.9
                 i(S)   58 29.90
MDZ     5.07 199 iP     59 09.50   45.7X
                 i(S)   59 19.40
ANT     5.41 323 iP     58 29.30    1.0
                 iS     59 27.20
                 i      59 29.50
JACH    5.59 214 iPd    58 30.50   -0.2
                 iS     59 35.00
FCH     5.99 209 eP     58 36.50    0.2
PEL     6.01 212 iPc    58 36.00   -0.3
                 iS     59 49.20
ROCH    6.03 215 iPc    58 35.70   -1.0
                 iS     59 43.40
BACH    6.10 210 iPc    58 37.50    0.0
                 iS     59 47.10
SAN     6.26 210 iP     58 39.00   -0.6
PCH     6.33 209 iPd    58 40.50   -0.2
                 iS     59 54.20
TACH    6.55 211 ePd    58 42.00   -1.4
CHCH    6.66 208 iP     58 44.70   -0.3
TPZ     6.68   9 iP     58 47.90    2.3
                 S      90 03.00
RFA     6.79 191 iPc    58 45.00   -1.8
                 S      59 57.60
LNV     7.02 213 iPd    58 47.00   -2.7
                 iS     00 04.00
CCH    10.68   4 eP     59 37.00   -1.4
VBA    10.74 159 ePc    59 35.40   -3.5X
LPB    11.56 354 eP     59 45.00   -5.0X
                 i      59 53.10
                 iS     01 52.90
                 eLR    02 42.00
ZOBO   11.83 354 P      59 52.40   -1.2
                 i      00 02.00
                 S      02 03.00
ARE    12.34 339 eP     59 58.00   -2.0
VAO    18.66  79 eP     01 13.90   -2.4
ATB    28.35  32 e(P)   02 44.00   -4.9X
SNA    55.29 158 eP     06 25.60   -0.7
SPA    62.06 180 iPd    07 13.90    0.5
        0.9s     39.55nm          5.3mb
KIC    68.97  70 eP     07 55.20   -2.7
SBA    69.70 190 eP     08 03.60    2.1
        1.0s     11.00nm          4.6mb
MAW    77.51 162 eP     08 47.00    0.4
BLF    79.31 117 iPc    08 58.00    0.6
        0.8s     31.25nm          5.1mb
SWZ    79.47 115 eP     08 54.50   -3.8X
        1.0s     10.00nm          4.5mb
BFS    80.76 115 iPc    09 05.00   -0.1
```

17d 20h

	0.8s	37.31nm			5.2mb	
SEK	80.79	117	iPc	09	05.00	-0.3
	1.0s	20.00nm			4.8mb	
SLR	82.49	115	iPd	09	13.50	-0.6
	0.9s	42.02nm			5.2mb	
EVA	82.77	116	eP	09	16.00	0.4
	0.7s	35.62nm			5.3mb	
IFR	84.72	48	iP	09	26.50	1.4
BUL	85.35	110	iPd	09	29.00	0.4
	0.9s	15.97nm			4.8mb	
LSZ	87.28	106	iPc	09	40.00	2.0
	0.9s	14.10nm			4.9mb	
KRI	87.75	108	iPc	09	41.00	0.8
BNG	88.03	84	iPd	09	42.00	0.5
	0.5s	5.00nm			4.7mb	
MTD	89.43	109	iPc	09	51.70	3.6X
ASPA	124.78	203	ePKP	15	51.00	0.6
	0.6s	12.00nm				
WRA	128.02	206	ePKP	15	57.00	0.3
GBA	143.82	106	PKPc	16	23.70	-2.3
	0.5s	3.30nm				
LEM	144.88	170	ePKPc	16	33.00	4.9X
HYB	146.59	101	ePKPc	16	32.40	1.9
	1.0s	40.00nm				
NDI	148.47	80	iPKPc	16	37.50	4.2X
	0.7s	17.12nm				
NDI	148.47	80	iPKPc	16	33.50	0.2
IPM	153.93	152	ePKPc	16	48.80	7.0X
S.D. = 1.3 on 47 of 56 obs.						

? SEP 17, 1985 20h 45m 36.67± 1.37s
26.621 N ± 9.4km 142.508 E ±29.0km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
BONIN ISLANDS REGION (212)

KYS	8.79	347	eP	47	43.70	-0.7
OYM	9.21	343	eP	47	51.00	0.8
SRY	9.38	344	eP	47	51.70	-0.8
DDR	9.77	344	eP	47	56.90	-1.1
TSK	9.78	349	eP	47	51.70	-6.3X
MAT	10.55	341	eP	48	08.00	-0.6
	0.8s	8.21nm			5.0mb	X
		eS		50	06.00	
KMI	35.72	277	eP	52	34.50	-0.1
CHG	40.77	268	eP	53	17.00	0.4
WRA	46.96	191	eP	54	04.70	-1.7
LEM	47.43	230	ePd	54	13.90	3.5X
KJF	76.32	336	iP	57	24.80	1.1
	0.6s	9.10nm			5.0mb	
SUF	77.74	335	iP	57	53.00	21.5X
	0.6s	5.10nm				
SUF	77.74	335	iP	57	33.00	1.5
	0.6s	5.10nm			4.7mb	
NUR	79.61	334	iP	57	43.00	1.2
S.D. = 1.2 on 11 of 14 obs.						

• SEP 17, 1985 21h 09m 28.05± 1.14s
28.250 N ±11.7km 140.814 E ±16.3km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
BONIN ISLANDS REGION (212)

MAT	8.56	346	(P)	11	33.00	0.4
	0.9s	18.49nm			5.2mb	X
		(S)		13	15.00	
GUA	15.13	165	e(P)	13	08.50	7.4X
SSE	17.29	284	eP	13	30.00	1.5
ANP	17.51	264	eP	13	37.00	5.6X
DL2	19.16	309	P	13	53.00	1.6
NJ2	19.36	237	Pc	13	55.00	1.2
SNY	19.51	318	Pd	13	54.00	-1.4
CN2	19.83	326	eP	13	56.50	-2.3
QZH	20.14	266	eP	14	00.00	-2.2
TIA	21.52	298	eP	14	14.30	-2.0
BAG	22.08	242	eP	14	23.00	0.9
			eS	18	28.00	
WHN	23.15	282	eP	14	34.00	1.6
BJI	23.46	306	eP	14	37.00	1.7
			eS	18	51.00	
			esS	19	39.00	
			eSS	20	03.00	
HKC	24.78	262	eP	14	43.00	-5.3X
			eS	19	16.00	
GZH	25.26	265	P	14	56.00	3.2X
DAV	25.51	217	eP	15	01.00	5.8X
TIY	25.53	299	P	14	57.00	1.7
HHC	27.04	305	eP	15	08.00	-1.3
			PP	16	00.00	
XAN	27.83	290	eP	15	14.80	-1.7
BTO	28.08	304	P	15	18.00	-0.8
			ePP	16	13.00	
QIZ	29.75	259	eP	15	36.00	2.2
			eS	20	29.00	
GYA	30.33	275	P	15	40.00	1.0
CD2	32.24	284	eP	15	54.00	-1.7
GTA	35.56	299	eP	16	23.50	-0.8
WRA	48.32	188	eP	18	07.70	-0.7
ASPA	52.04	188	eP	18	36.00	-0.8
	1.1s	12.00nm			4.8mb	
KSH	53.95	300	eP	18	52.00	1.0
NDI	55.28	287	eP	19	01.50	0.8
			eS	26	46.00	
GBA	60.37	270	Pc	19	35.80	-0.8
	0.8s	8.20nm			4.9mb	
BOM	62.32	278	eP	19	57.30	7.5X
			eS	28	22.30	
QUE	63.39	292	eP	19	55.50	-1.4
LRM	80.86	43	ePd	21	42.60	2.1
S.D. = 1.6 on 26 of 32 obs.						

• SEP 17, 1985 21h 15m 38.43± 0.88s
41.852 N ± 9.4km 23.043 E ± 8.8km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

MM8	0.58	117	iPgc	15	49.00	-1.1
VAY	0.64	214	iPg	15	51.70	0.5
			iSg	16	01.20	
VTS	0.76	9	iPg	15	52.00	-1.2
KDZ	1.74	96	eP	16	09.00	0.2
OHR	1.84	247	ePn	16	10.20	-0.2
PVL	2.04	50	ePg	16	15.00	1.9
S.D. = 1.5 on 6 of 6 obs.						

• SEP 17, 1985 22h 13m 47.13± 0.56s
8.168 S ± 7.7km 118.770 E ± 9.9km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
SUMBAWA ISLAND REGION (285)

MKS	3.01	13	iPc	14	32.50	-1.1
			iS	15	20.00	
KUPT	5.17	113	eP	15	14.50	10.3X
TRT	6.09	274	ePd	15	17.00	-0.3
	0.2s	23.20nm			5.5mb	X
LEM	11.14	276	ePd	16	33.50	6.1X
MTN	13.01	112	eP	16	51.00	-1.4
NAU	14.64	192	eP	17	12.00	-1.7
			eS	19	43.00	
MEK	18.35	181	eP	18	01.00	0.2
			eS	21	10.00	
WRA	19.09	129	eP	18	08.10	-1.8
MRWA	21.10	187	eP	18	32.00	0.7
			eS	22	16.00	
ASPA	21.16	138	eP	18	31.00	-1.0
	0.6s	23.00nm			4.8mb	
CTA	29.11	117	iPd	19	47.80	0.5
	1.0s	8.00nm			4.4mb	
BRS	37.41	125	iPc	21	00.70	1.6
YOU	37.64	138	eP	21	02.70	1.7
CAN	38.67	139	eP	21	10.00	0.3
WAM	39.13	140	eP	21	14.80	1.4
CD2	41.43	340	eP	21	32.00	-0.4
XAN	43.00	348	eP	21	44.00	-1.2
BJI	48.02	357	eP	22	27.50	2.4
GTA	50.50	341	eP	22	44.40	0.1
S.D. = 1.4 on 17 of 19 obs.						

• SEP 17, 1985 22h 32m 41.11± 0.61s
3.469 S ± 7.6km 146.178 E ±11.3km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
BISMARCK SEA (203)

MDG	1.81	193	iPd	33	09.50	-1.0
LAT	3.27	166	eP	33	35.00	3.8X
PMG	5.98	171	eP	34	09.00	-0.7
RAB	6.02	97	eP	34	10.00	-0.3
			eS	35	22.00	
CTA	16.52	180	iPd	36	35.70	3.7X
	1.0s	18.00nm			4.2mb	
MTN	17.56	237	eP	36	44.00	-1.0
WRA	20.04	214	iPc	37	13.80	-0.6
RMQ	23.02	174	eP	37	46.00	1.6
ASPA	23.32	209	eP	37	48.00	0.6
	1.0s	66.00nm			5.1mb	
KOU	24.49	135	iPc	37	41.90	-16.7X
BRS	24.61	166	P	38	00.90	1.1
CAN	31.80	176	eP	39	13.40	8.5X
WAM	32.66	176	eP	39	17.00	4.7X
MAT	40.49	350	(P)	40	16.00	-2.6
			eS	46	26.00	
GZH	41.50	311	eP	40	29.00	2.0
SNY	49.55	338	eP	41	32.40	1.6
KMI	50.83	306	eP	41	42.50	1.3
XAN	51.23	320	eP	41	43.00	-0.8
BJI	51.31	331	eP	41	48.00	3.8X
CD2	52.94	313	eP	41	57.00	0.2
BTO	54.92	327	eP	42	10.00	-1.3
GTA	60.29	320	P	42	49.00	-0.1
QUE	82.45	301	eP	45	06.50	4.3X
S.D. = 1.4 on 16 of 23 obs.						

SEP 18, 1985 00h 10m 34.88± 0.19s
31.627 N ± 4.2km 49.447 E ± 3.1km
DEPTH = 33.0km (normal)
5.2mb (56 obs.) 4.4Msz (4 obs.)
WESTERN IRAN (347)
Felt at Mosjed-Soleyman.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 15C
Centroid Location:
Origin Time 00:10:38.7 1.0
Lat 31.45N 0.11 Lon 49.62E 0.09
Dep 11.0 BDY Half-duration 1.7
Moment Tensor; Scale 10**23 D-CM
Mrr= 9.49 0.46 Mtt=-0.12 0.68
Mff=-9.37 0.72 Mrt= 0.06 1.89
Mrf= 3.84 2.70 Mtf= 4.50 0.59
Principal Axes:
T Val= 10.33 Plg=76 Azm=294
N 1.46 9 161
P -11.79 10 69
Best Double Couple:Mo=1.1*10**24
NP1:Strike=147 Dip=36 Slip= 74
NP2: 347 55 10

SHI	3.31	126	iP	11	26.00	0.3
TEH	4.41	21	ePc	11	42.00	0.7
BHD	4.58	292	ePnc	11	45.00	1.4
			iP*	12	00.00	
			i	12	19.00	
			iSn	13	08.00	
MSL	7.06	314	ePnd	12	16.90	-1.6
			iP*	12	33.90	
			ePg	12	49.00	
			iSn	13	34.00	
			iS*	13	58.00	
			iLg	14	08.00	
RTB	7.86	283	iPc	12	27.00	-2.8
			i	12	40.00	
RTB	7.86	283	iPg	13	02.00	32.2X
			iSn	13	34.00	
MHI	9.56	58	eP	12	56.00	2.7
BHL	11.83	285	Pc	13	23.00	-1.4
			pP	14	23.00	
			S	17	41.00	
JER	12.14	274	e(P)	13	30.00	1.5
ZNT	12.26	277	iP	13	29.00	-1.1
PRNI	12.47	268	iP	13	30.50	-2.3
			eS	17	37.50	
CSS	13.88	288	eP	13	53.00	1.5
QUE	15.10	91	eP	14	09.00	1.4
			eS	17	00.00	
HLW	15.67	268	eP	14	16.00	1.2
			eS	17	12.00	
BCK	16.58	296	eP	14	27.50	1.0
ELL	16.95	293	iP	14	35.00	3.9X
KDE	17.38	309	iP	14	38.00	1.6
GPA	17.72	305	iP	14	41.70	1.1
YER	18.30	293	iP	14	46.80	-1.1
ISK	18.90	306	eP	14	55.90	0.9
IZM	19.36	297	iP	14	59.90	-0.8
CTT	19.37	305	eP	14	58.00	-2.6
BNT	19.44	303	iPd	15	01.90	0.4
DMK	20.09	306	iP	15	08.70	0.3
NPS	20.20	287	eP	15	10.00	0.4
PRK	20.32	298	eP	15	10.60	-0.2
EZN	20.44	300	iP	15	12.10	0.1

18d 00h

PSN 20.63 312 iPc 15 14.00 0.1
JMB 21.15 307 iPc 15 20.00 0.7
TLB 21.17 314 ePc 15 19.00 -0.4
CFR 21.40 315 iPd 15 21.50 -0.3
KDZ 21.70 304 iPgc 15 25.00 0.1
BRD 22.24 315 eP 15 36.50 6.3X
PPE 22.28 317 ePd 15 33.00 2.5
BUC 22.30 312 eP 15 36.00 5.3X
PLD 22.32 305 eP 15 32.00 1.1
ISR 22.36 314 ePd 15 33.50 2.1
PVL 22.37 308 iPc 15 33.00 1.5
AJM 22.45 97 eP 15 34.00 1.7
VRI 22.62 315 eP 15 35.50 1.6
CLI 22.65 317 eP 15 35.00 0.8
MMB 22.84 303 iPc 15 37.00 0.8
MLR 22.90 314 eP 15 37.00 0.2
VTS 23.53 305 iP 15 45.00 2.2
VAY 23.60 302 iP 15 44.40 0.9
COZ 23.82 312 iP 15 47.50 1.7
KZN 23.94 299 eP 15 48.00 1.1
NDI 24.17 96 eP 15 50.00 0.9
eS 20 10.00
VLS 24.49 293 eP 15 52.20 0.0
AAE 24.58 206 eP 15 55.60 2.0
BOM 24.58 115 eP 15 55.10 2.0
eS 20 23.10
SKO 24.59 303 iP 15 55.00 1.9
Z 15s 2.50um 4.8MszX
N 17s 2.96um
E 14s 3.47um
IS 20 11.00
OHR 24.84 300 iP 15 56.80 1.2
e 16 02.90
IS 20 17.50
BMR 25.44 316 eP 16 04.00 2.9
POO 25.59 115 eP 16 03.50 0.7
IS 20 36.50
BUD 28.07 313 iPc 16 25.50 0.3
1.1s 33.80nm 5.0mb
SPC 28.07 317 eP 16 26.70 1.2
SRO 28.64 313 iP 16 30.80 0.5
KRA 28.66 319 ePd 16 30.00 -0.5
1.3s 54.00nm 5.1mb
Z 20s 1.80um 4.7Msz
E 20s 1.90um
e 16 33.20
e 16 43.30
eS 21 46.00
ZST 29.54 313 iP 16 38.00 -0.4
SOP 29.69 312 iPc 16 39.60 -0.2
1.3s 54.80nm 5.2mb
HYB 29.91 111 ePc 16 41.20 -0.9
1.0s 50.00nm 5.3mb
VKA 30.05 313 eP 16 48.20 5.2X
2.0s 194.00nm 5.6mb
Z 15s 0.67um 4.4MszX
i 16 57.90
LJU 30.50 308 ePc 16 47.50 0.5
e(pP) 17 14.20 123kmX
eS 21 47.00
e(sS) 22 38.00
VOY 30.92 308 eP 16 50.50 -0.3
i 16 52.70
i 17 13.40
TRI 30.93 307 eP 16 50.00 -0.7
ePP 17 54.00
eS 21 52.00
KSP 31.09 316 eP 16 52.00 -0.1
DMN 31.17 88 eP 16 52.80 -0.6
KKN 31.27 88 eP 16 53.70 -0.5
GBA 31.31 119 P 16 53.70 -0.6
PKI 31.44 88 eP 16 55.20 -0.7
KBA 31.57 310 iPc 16 56.50 -0.1
1.1s 232.00nm 5.9mb
i 17 00.50
i 17 19.20
e 22 04.00
PRU 31.77 315 eP 16 57.00 -1.1
Z 13s 0.90um 4.6MszX
N 15s 0.80um
E 15s 0.80um
e 17 02.60
KHC 32.06 314 eP 17 00.00 -0.7
1.3s 72.00nm 5.4mb
e 17 57.00
BHG 32.06 311 iPc 17 00.20 -0.5
WET 32.49 313 iPc 17 03.40 -1.1

OGA 33.05 309 iPc 17 09.20 -0.4
CLL 33.18 317 eP 17 09.00 -1.4
1.6s 29.00nm 4.9mb
e 17 27.00
NUR 33.21 338 iPc 17 09.70 -0.8
0.5s 36.50nm 5.5mb
Z 18s 0.30um 4.0Msz
eS 22 28.00
eSS 24 24.00
LR 32 30.00
FUR 33.22 311 iPc 17 10.30 -0.5
0.8s 257.00nm 6.2mb X
KOD 33.56 123 eP 17 13.60 -0.5
OSS 33.60 308 eP+ 17 14.00 -0.3
GRF 33.69 314 eP 17 14.60 -0.3
Z 18s 0.40um 4.2Msz
MOX 33.76 315 e(P) 17 18.00 2.5
1.4s 21.00nm 4.9mb
eS 22 40.00
VDL 34.01 307 eP+ 17 17.90 0.0
SAX 34.26 309 eP+ 17 19.00 -1.1
TMA 34.35 307 eP+ 17 19.80 -1.0
LLS 34.41 308 eP+ 17 20.30 -1.0
SUF 34.50 341 iP 17 21.00 -0.6
0.5s 15.10nm 5.2mb
NAI 34.85 203 eP 17 28.00 2.7
1.0s 25.00nm 5.1mb
SLE 34.93 309 eP+ 17 24.40 -1.2
ZUL 34.94 309 eP+ 17 24.80 -0.9
MMK 34.96 306 eP+ 17 25.50 -0.6
UPP 35.28 333 iP 17 26.90 -1.4
i 17 30.60
IS 22 58.40
KJF 35.32 344 iP 17 26.00 -2.6
0.8s 33.70nm 5.3mb
eS 23 00.00
DIX 35.35 306 eP+ 17 28.50 -0.9
TNS 35.56 314 eP 17 31.00 0.1
LPG 35.72 305 eP 17 31.70 -0.9
1.0s 15.30nm 4.9mb
CDF 35.87 310 eP 17 32.30 -1.3
1.0s 20.00nm 5.0mb
BSF 36.07 309 eP 17 34.30 -1.0
1.0s 34.80nm 5.2mb
HAU 36.40 309 eP 17 37.00 -1.0
0.9s 19.60nm 5.0mb
WLF 36.86 312 P 17 40.40 -1.4
HFS 37.04 331 eP 17 42.40 -0.7
0.7s 91.30nm 5.7mb
WTS 37.05 316 eP 17 44.00 0.7
1.3s 74.00nm 5.4mb
e 17 47.50
e 18 02.00
MEM 37.17 314 P 17 47.20 2.9
ENN 37.26 314 eP 17 45.50 0.4
1.5s 71.00nm 5.3mb
e 17 50.50
e 18 28.00
MUD 37.31 324 eP 17 49.00 3.5X
0.7s 28.00nm 5.2mb
WIT 37.37 317 eP 17 48.00 2.0
e 18 21.00
LBF 37.82 307 eP 17 49.10 -0.9
1.2s 17.10nm 4.8mb
SMF 37.87 307 eP 17 49.50 -0.9
0.8s 28.20nm 5.2mb
DOU 37.94 312 P 17 50.80 0.0
S 23 45.00
LOR 37.94 308 eP 17 50.10 -0.8
1.0s 20.80nm 5.0mb
SSF 38.15 307 eP 17 52.10 -0.6
0.8s 21.40nm 5.0mb
AVF 38.22 307 eP 17 52.50 -0.8
1.0s 19.50nm 4.9mb
UCC 38.23 313 P 17 54.00 0.7
SOD 38.24 346 iP 17 53.00 -0.1
GRC 38.47 308 iPc 17 54.80 -0.6
BGF 38.54 306 eP 17 55.30 -0.7
0.7s 32.40nm 5.2mb
MZF 38.69 306 eP 17 57.00 -0.3
1.0s 14.20nm 4.7mb
TCF 38.96 306 eP 17 59.10 -0.4
1.2s 19.20nm 4.7mb
CAF 38.96 304 eP 17 59.90 0.4
0.8s 5.90nm 4.4mb
LWI 38.98 214 iPc 18 00.40 0.3
RJF 39.37 304 eP 18 02.70 -0.2

0.8s 6.40nm 4.4mb
LSF 39.42 306 eP 18 02.70 -0.7
1.0s 5.50nm 4.3mb
MLS 39.61 301 iPc 16 04.30 -0.6
BNG 39.66 233 iPc 18 05.00 -0.6
0.7s 44.00nm 5.3mb
ic 18 26.60
EBR 40.10 297 eP 18 10.00 1.1
eS 24 17.00
EPF 40.16 301 eP 18 10.60 1.1
0.8s 3.20nm 4.1mb X
KEV 40.21 348 eP 18 09.00 -0.5
ePP 19 40.00
eS 24 04.00
eSS 27 00.00
MFF 40.60 306 eP 18 12.20 -0.8
1.0s 12.00nm 4.6mb
LDF 40.75 309 eP 18 13.30 -0.9
1.0s 32.00nm 5.0mb
FLN 41.01 309 eP 18 15.60 -0.7
0.8s 27.90nm 5.0mb
GRR 41.22 309 eP 18 17.30 -0.8
0.8s 33.50nm 5.1mb
LPF 41.31 308 eP 18 17.70 -1.1
0.8s 29.80nm 5.1mb
ESY 43.40 320 ePc 18 35.40 -0.4
EKA 43.59 319 Pd 18 40.20 2.9
1.2s 15.30nm 4.6mb
EBL 43.61 319 ePc 18 37.00 -0.5
TOL 43.63 296 eP 18 39.00 1.1
eS 25 08.00
eSS 28 28.00
ELO 44.11 320 eP 18 40.40 -1.2
1.0s 29.00nm 5.0mb
EAB 44.41 320 eP 18 42.90 -1.0
IFR 45.58 288 iP 18 55.00 1.2
BDT 46.96 96 eP 19 01.50 -3.1X
0.7s 34.40nm 5.5mb
KMI 46.96 84 Pc 19 04.50 -0.4
pP 19 14.50 33kmX
S 25 56.00
KHT 47.77 99 eP 19 12.00 0.9
NST 48.65 97 iPc 19 17.00 -0.8
LOE 49.20 94 P 19 20.00 -2.1
NNT 49.82 101 eP 19 26.10 -0.8
PCT 50.20 97 eP 19 29.80 0.0
AVY 50.28 182 ePc 19 31.00 0.5
LSZ 50.90 207 iPd 19 36.10 1.0
i 19 40.00
MTD 51.09 202 iPc 19 38.30 1.8
KRI 51.80 204 iPc 19 41.00 -1.0
BJI 53.62 61 eP 19 55.00 -0.1
eS 27 38.00
PSI 54.69 111 ePc 19 55.40 -7.9X
BUL 55.22 204 iPc 20 06.60 -0.6
0.7s 13.01nm 5.1mb
IPM 55.26 108 ePc 20 03.40 -4.1X
1.0s 68.60nm 5.6mb
e 20 26.10
KIC 56.39 255 iPc 20 15.00 -0.6
PPI 57.77 113 eP 20 25.50 0.1
0.9s 30.30nm 5.4mb
KGM 58.61 109 ePc 20 29.30 -1.9
SSE 60.17 70 eP 20 41.40 -0.3
1.0s 31.00nm 5.4mb
N 16s 1.10um
E 16s 0.90um
e(S) 29 02.00
SLR 60.52 202 eP 20 40.00 -4.3X
EVA 60.99 201 e(P) 20 48.00 0.5
0.8s 14.93nm 5.2mb
BFS 62.08 203 eP 20 53.00 -1.9
0.9s 25.21nm 5.3mb
WIN 62.16 214 iPc 20 55.30 -0.2
0.9s 28.57nm 5.4mb
SWZ 62.84 204 eP 20 56.00 -3.9X
0.7s 12.33nm 5.1mb
SEK 63.13 202 eP 21 01.50 -0.3
1.3s 86.54nm 5.7mb
BLF 64.32 203 iPc 21 10.00 0.4
KKM 67.09 97 ePc 21 27.70 0.0
1.1s 83.50nm 5.7mb
MAT 71.08 58 (P) 21 51.00 -0.9
1.2s 34.38nm 5.3mb
Z 20s 0.53um 4.8Msz
FRB 73.18 336 eP 22 03.00 -0.8
SCH 78.04 328 eP 22 31.00 -0.5

18d 00h

INK	80.35	1	eP	22	43.00	-0.7
IMA	81.00	9	eP	22	47.40	-0.1
COL	82.85	7	eP	22	57.00	0.1
	0.8s	16.79nm			5.2mb	
FBA	82.85	7	eP	22	57.20	0.3
	0.8s	16.30nm			5.2mb	
PWA	85.74	9	eP	23	12.10	0.6
TOA	85.75	7	eP	23	12.80	1.1
OTT	88.62	325	eP	23	29.00	3.2X
RSNY	88.63	324	e(P)	23	28.30	2.4
MUN	89.37	129	eP	23	28.50	-0.9
	1.0s	40.00nm			5.7mb	
KLB	90.17	128	eP	23	32.00	-1.2
FFC	90.55	344	ePd	23	35.00	0.3
	1.6s	47.00nm			5.6mb	
LHC	92.17	334	eP	23	43.50	1.2
EDM	94.19	350	ePc	23	31.70	-19.9X
WRA	96.06	110	eP	24	00.70	0.2
SPA	121.45	180	ePKP	29	24.30	-1.4
	1.0s	9.50nm				
ZOBO	121.63	270	ePKP	29	26.00	-2.1
LPB	121.73	269	PKP	29	17.00	-11.0X
			e	30	51.00	
TPZ	121.85	263	PKP	29	30.50	2.4
SBA	126.36	166	e(PKP)	29	33.50	-1.3
	S.D. = 1.2	on 176 of 190 obs.				

SEP 18, 1985 00h 25m 52.10± 0.82s
36.071 N ± 8.1km 139.854 E ± 7.8km
DEPTH = 33.0km (normal)
HONSHU, JAPAN (227)

TSK	0.25	56	iPc	25	59.30	0.1
TOK	0.39	191	P	26	01.40	0.3
			S	26	09.10	
DDR	0.54	262	eP	26	02.80	-0.6
			e	26	11.00	
SRY	0.66	276	eP	26	04.90	-0.1
OYM	0.82	218	eP	26	07.60	0.4
KYS	0.90	165	eP	26	07.90	-0.5
MAT	1.41	298	iPd	26	15.80	0.1
			(S)	26	35.00	
	S.D. = 0.5	on 7 of 7 obs.				

SEP 18, 1985 01h 13m 57.57± 0.70s
5.405 S ± 8.0km 146.912 E ± 5.3km
DEPTH = 226.7 ± 5.8 km
4.9mb (7 obs.)
EAST PAPUA NEW GUINEA REGION (207)

MDG	1.14	278	iP	14	31.60	0.4
PMG	3.99	177	iPd	14	59.40	-1.3
ALOA	5.95	145	iPc	15	25.00	-0.3
VSG	13.26	108	eP	16	59.00	0.4
SVO	13.33	107	e(P)	17	00.00	0.6
CTA	14.61	182	iPd	17	16.60	1.3
	1.3s	93.27nm			5.0mb X	
ISO	16.81	204	eP	17	41.00	-0.6
MTN	17.24	244	eP	17	45.00	-1.1
WRA	18.93	219	eP	18	03.20	-0.6
KNA	20.57	239	eP	18	22.00	1.8
RMQ	21.04	175	iPc	18	26.30	1.5
	0.6s	73.00nm			5.4mb	
ASPA	22.06	213	eP	18	36.00	1.2
			e(S)	22	23.00	
			e(PcP)	22	40.00	
BRS	22.57	166	iPc	18	38.80	-0.8
KOU	22.62	133	iPc	18	40.80	0.7
DZM	25.13	133	iPc	19	02.90	-0.9
NOU	25.28	134	iPc	19	03.50	-1.6
COO	25.48	170	eP	19	07.00	0.2
YOU	28.76	177	eP	19	36.20	-0.1
CAN	29.83	177	eP	19	45.70	-0.1
WAM	30.69	177	eP	19	53.60	0.4
VUN	33.27	115	eP	20	16.00	0.3
MEK	34.31	229	eP	20	24.50	-0.1
	0.4s	30.00nm			5.3mb	
MRWA	37.62	227	eP	20	52.30	0.0
	0.4s	13.00nm			4.9mb	
KLB	37.74	223	eP	20	52.50	-0.8
	0.4s	21.00nm			5.1mb	
BAL	37.88	225	eP	20	54.00	-0.5
	0.4s	7.00nm			4.6mb	
TCW	43.24	150	P	21	38.70	0.6
SBA	73.15	176	e(P)	25	04.10	-0.4
SPA	84.63	180	eP	26	06.80	0.2
	0.9s	13.18nm			4.7mb	

COL	84.67	23	eP	26	06.00	-0.6
	0.7s	7.53nm			4.6mb	
CAR	146.12	79	ePKP	33	12.40	0.1
CAR	146.12	79	iPKP	33	13.10	0.8
	0.6s	24.00nm				
VAO	148.68	155	ePKP	33	15.50	-0.6
KIC	151.79	273	ePKP	33	27.00	6.1X
ITR	164.96	159	e(PKP)	33	21.00	-15.2X
	S.D. = 0.9	on 32 of 34 obs.				

• SEP 18, 1985 01h 16m 00.40± 1.16s
35.853 N ± 7.9km 140.115 E ±11.9km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)

TOK	0.33	240	P	16	10.00	1.4
			eS	16	18.00	
TSK	0.36	359	iPd	16	09.10	0.2
KYS	0.65	178	eP	16	12.80	-0.4
SRY	0.73	251	eP	16	13.60	-0.6
DDR	0.76	281	eP	16	14.60	-0.2
			e	16	26.40	
OYM	0.83	239	eP	16	15.60	-0.1
MAT	1.69	295	iPd	16	27.70	-0.3
			(S)	16	48.00	
	S.D. = 0.8	on 7 of 7 obs.				

SEP 18, 1985 01h 27m 17.60± 0.11s
49.642 N ± 3.0km 155.751 E ± 2.3km
DEPTH = 56.4km (43 depth phases)
5.5mb (90 obs.)
KURIL ISLANDS (221)
Ms 5.1 (BRK). Felt (IV) at
Severo-Kurilsk.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 26C
Centroid Location:
Origin Time 01:27:20.7 0.3
Lat 49.61N 0.05 Lon 155.65E 0.06
Dep 55.9 3.7 Half-duration 1.9
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.63 0.05 Mtt= 0.18 0.08
Mff=-0.81 0.08 Mrt=-0.60 0.07
Mrf=-1.17 0.07 Mtf= 0.61 0.07
Principal Axes:

	Val=	Plg=	Azm=
T	1.72	49	136
N	-0.22	29	5
P	-1.51	26	259

Best Double Couple:Mo=1.6*10**24

	Strike=	Dip=	Slip=
NP1:	304	33	24
NP2:	193	77	120

SMY	11.92	68	eP	30	04.00	-3.0
SAP	11.93	242	eP	30	10.00	2.8
ADK	17.54	72	eP	31	28.60	9.2X
TSK	17.60	226	eP	31	17.50	-2.7X
DDR	18.20	228	eP	31	24.60	-3.2X
MAT	18.26	231	eP	31	25.00	-3.4X
	0.8s	171.64nm			5.3mb	
	Z 20s	3.90um			4.2MszX	
			eS	34	52.00	
KYS	18.41	224	eP	31	32.50	2.3X
SRY	18.48	227	eP	31	30.20	-0.9X
OYM	18.65	227	eP	31	29.20	-3.9X
CN2	21.49	266	Pd	32	00.70	-2.4
			pP	32	12.00	45kmX
			PP	32	27.00	
			eS	35	46.00	
			SS	36	22.00	
SHK	22.70	237	eP	32	12.70	-2.5
SNY	23.64	263	Pd	32	24.00	-0.2
			S	36	31.00	
DL2	26.47	259	eP	32	51.50	0.6
TTA	29.10	45	eP	33	14.40	-0.3
BJI	29.36	266	eP	33	16.00	-1.0
			eS	38	05.00	
IMA	30.44	38	eP	33	26.00	-0.6
TIA	30.95	259	eP	33	29.30	-1.8
			S	38	30.00	
KDC	31.00	55	eP	33	29.60	-1.8
SSE	31.82	247	P	33	39.00	0.2
	Z 20s	1.90um			4.8Msz	
	E 20s	1.30um				
			e(S)	38	40.00	
HHC	31.93	271	Pc	33	39.00	-0.9
PMS	32.13	48	eP	33	40.20	-1.2

PMR	32.31	47	P	33	41.70	-1.1
NJ2	32.57	251	Pc	33	44.60	-0.7
			PcP	36	30.30	
			eS	38	55.50	
COL	32.81	41	iP	33	46.60	-0.5
	0.8s	191.79nm			6.0mb	
			e	34	00.00	52km
FBA	32.81	41	eP	33	46.60	-0.5
	0.8s	78.80nm			5.6mb	
BTO	33.06	272	eP	33	49.00	-0.7
TIY	33.07	266	P	33	49.30	-0.5
			S	39	05.00	
WHN	36.40	254	eP	34	17.00	-1.1
BCPM	37.17	49	eP	34	25.20	0.9
XAN	37.56	263	eP	34	27.00	-1.0
			PcP	36	44.60	
QZH	37.91	243	Pd	34	31.00	0.1
			S	40	16.00	
INK	38.27	35	ePc	34	33.00	-0.4
	0.9s	96.00nm			5.7mb	
			pP	34	49.00	64km
LZH	39.60	270	eP	34	45.00	-0.2
	2.0s	112.00nm			5.4mb	
GTA	40.31	277	P	34	50.60	-0.3
			PP	36	30.00	
			PcP	36	54.20	
			ScP	40	39.00	
			ScS	44	50.80	
MBC	41.27	21	eP	35	03.00	4.9X
GZH	42.41	247	Pc	35	08.60	0.5
			eS	41	27.00	
HKC	42.52	245	eP	35	22.00	13.0X
CD2	42.91	264	P	35	12.00	-0.2
BAG	43.67	233	eP	35	17.50	-1.0
GYA	44.08	257	Pd	35	22.60	0.8
			pP	35	36.00	50km
WMQ	45.56	290	eP	35	31.40	-2.0
			S	42	14.00	
ALE	46.68	6	eP	35	41.50	-0.2
	0.7s	52.00nm			5.6mb	
KMI	47.52	259	P+	35	50.00	0.8
	E 13s	0.70um				
			eS	42	35.00	
YKA	47.56	39	eP	35	51.50	2.7
RSNT	47.57	39	eP	35	49.30	0.5
	0.8s	70.42nm			5.7mb	
QIZ	47.61	247	P	35	50.80	1.1
			eS	42	45.00	
DAV	49.39	221	eP	36	03.00	-0.4
PGC	50.38	58	eP	36	11.00	0.4
GMW	51.37	59	P	36	18.80	0.6
			pP	36	33.30	55km
BFW	51.74	60	P	36	20.60	-0.5
LSA	51.89	273	eP	36	23.00	0.0
PNT	52.09	56	iP	36	23.00	-0.7
	0.9s	81.00nm			5.8mb	
			pP	36	39.00	61km
EDM	53.06	49	iP	36	30.00	-0.9
	0.9s	227.00nm			6.2mb	
LOE	53.80	253	eP	36	34.00	-2.6
NEW	54.05	56	iPc	36	37.50	-0.7
	1.0s	40.00nm			5.4mb	
			e	36	52.30	55km
SHL	54.22	268	eP	36	48.90	9.1X
CHG	54.50	257	iPc	36	41.80	0.0
	0.9s	79.41nm			5.7mb	
			eS	44	24.00	
KKM	54.68	231	ePd	36	43.50	0.3
FHC	54.69	66	eP	36	43.70	0.7
KEV	55.20	341	eP	36	44.00	-2.3
LMHM	55.58	64	P	36	50.40	0.7
BDT	55.63	256	eP	36	46.80	-3.1
WDC	55.68	66	iPc	36	49.90	-0.2
			e	37	05.60	59km
SES	55.91	51	ePc	36	50.10	-1.6
	0.6s	36.00nm			5.6mb	
			pP	37	06.00	60km
PCT	56.07	251	eP	36	53.80	0.7
	0.9s	81.70nm			5.8mb	
NST	56.11	253	eP	36	53.80	0.4
GAS	56.16	67	P	36	54.30	0.6
MIN	56.39	66	ePc	36	54.70	-0.7
ORV	56.95	66	iPc	36	58.30	-0.9
			e	37	14.60	62km
KKN	56.98	275	eP	37	00.60	0.8
PKI	57.05	275	eP	36	59.80	-0.6
	0.7s	22.00nm			5.3mb	

SOD	57.19	339	iP	36	58.40	-2.1
DMN	57.22	275	eP	37	01.50	-0.1
FFC	57.40	42	IPc	37	01.60	-0.6
	1.2s	101.00nm			5.8mb	
BRK	57.57	68	eP	37	03.20	-0.4
BKS	57.59	68	ePc	37	03.60	-0.1
	1.4s	92.00nm			5.7mb	
Z	20s	1.10um			5.0Msz	
N	20s	0.60um				
E	20s	1.00um				
		eS	45	32.00		
		eLR	53	58.00		
KHT	57.74	254	eP	37	03.80	-1.2
LRM	58.07	55	IPc	37	07.10	-0.2
GCC	58.28	69	eP	37	07.60	-0.9
MHC	58.29	69	eP	37	08.20	-0.6
ARN	58.35	68	eP	37	08.60	-0.5
JAS1	58.64	67	ePc	37	10.80	-0.3
		e		37	26.30	58km
SVO	58.65	175	eP	37	09.00	-2.2
NNT	58.71	251	eP	37	12.10	0.3
BMN	58.90	63	eP	37	13.00	0.0
	1.1s	51.95nm			5.6mb	
		pP		37	28.30	57km
HPI	59.09	58	P	37	14.70	0.2
PRS	59.12	69	eP	37	13.80	-0.6
LLA	59.19	68	eP	37	14.70	-0.2
KJF	59.47	336	eP	37	14.00	-2.5
MNA	59.66	65	ePc	37	18.00	-0.3
		e		37	33.70	58km
PRI	59.67	69	ePc	37	18.40	0.0
FRI	59.68	67	ePc	37	17.60	-0.7
		e		37	33.00	57km
TMI	60.00	57	P	37	21.60	0.9
EUR	60.24	63	iP	37	21.50	-0.9
	0.2s	47.45nm			6.3mb	
SUF	61.09	336	eP	37	26.00	-1.5
SYP	61.16	70	eP	37	27.00	-1.6
NDI	61.55	282	eP	37	29.50	-1.6
DUG	61.58	61	P	37	32.90	1.6
BDW	61.63	57	eP	37	31.20	-0.6
	0.7s	23.23nm			5.4mb	
		pP		37	47.00	59km
FRB	61.73	21	ePc	37	30.30	-1.5
	0.7s	86.00nm			6.0mb	
CLC	61.74	67	IP+	37	31.00	-1.3
SBB	62.36	68	IP+	37	36.00	-0.5
SNG	62.42	247	eP	37	38.50	1.6
PAS	62.52	69	eP	37	37.00	-0.5
MWC	62.54	69	eP	37	37.00	-0.8
GSC	62.56	67	eP	37	37.00	-0.8
RVR	63.11	68	eP	37	41.00	-0.3
NUR	63.33	330	iP	37	40.20	-2.2
	0.6s	6.50nm			4.9mb	
Z	20s	1.30um			5.1Msz	
		LR	08	10.00		
RSSD	63.63	52	eP	37	44.50	-0.5
	1.0s	185.00nm			6.1mb	
		pP		38	00.00	57km
RSON	63.70	41	eP	37	44.50	-0.5
	0.5s	22.92nm			5.5mb	
		pP		38	01.00	61km
TPC	63.83	68	eP	37	45.00	-1.2
PLM	63.86	69	eP	37	46.00	-0.5
IPM	64.25	245	ePd	37	47.40	-1.6
		e		38	02.10	53km
BAR	64.44	69	eP	37	50.00	-0.1
AKU	64.91	357	iP	37	53.20	0.6
	1.2s	56.25nm			5.4mb	
KGM	65.00	241	ePd	37	54.80	1.0
		e		38	09.30	52km
GLA	65.29	68	eP	37	56.00	0.4
UPP	65.69	338	iP	37	56.90	-0.8
		i		39	17.40	365kmX
MTN	65.89	206	eP	37	59.00	-0.4
GOL	66.04	57	eP	38	00.60	0.0
	1.0s	40.00nm			5.4mb	
GLD	66.09	56	eP	38	01.30	0.5
	0.1s	1923.08nm			8.1mb	X
		pP		38	17.20	58km
HFS	66.34	340	eP	37	59.70	-2.2
	0.6s	14.20nm			5.1mb	
Z	17s	0.87um			5.0MszX	
		LR	01	26.00		
QUE	66.93	290	eP	38	05.00	-1.3
PSI	66.99	245	ePd	38	06.50	-0.1
	0.7s	25.80nm			5.3mb	
LHC	67.43	41	eP	38	08.00	-0.9
TRT	68.34	227	iPd	38	14.50	-0.4
	1.0s	110.80nm			5.8mb	
HYB	68.68	272	eP	38	16.00	-1.2
	0.8s	50.00nm			5.5mb	
ALQ	68.85	61	IPc	38	18.10	-0.1
	1.0s	38.75nm			5.3mb	
		ePP		38	33.50	55km
CTA	69.93	190	IPc	38	23.20	-1.4
	1.1s	82.28nm			5.6mb	
SCH	69.98	25	ePc	38	24.50	-0.1
	0.6s	39.00nm			5.5mb	
KOU	70.30	172	iPc	38	26.90	0.2
POO	70.92	276	iPd	38	32.20	1.4
	0.9s	43.70nm			5.4mb	
ISQ	71.50	196	IPd	38	33.20	-0.9
	1.1s	72.00nm			5.5mb	
WRA	71.84	201	IPc	38	35.00	-1.1
DZM	72.02	170	IPc	38	37.50	0.3
GBA	72.21	270	P	38	37.30	-1.2
NOU	72.26	170	IPc	38	38.00	0.3
EDU	72.72	348	eP	38	40.50	-0.4
ELO	72.89	348	IPc	38	41.10	-0.8
	0.6s	25.00nm			5.3mb	
EBH	73.08	348	ePc	38	42.50	-0.5
	0.8s	37.00nm			5.4mb	
EAB	73.24	349	eP	38	43.00	-1.0
ESY	73.27	347	ePc	38	43.60	-0.6
	0.7s	20.00nm			5.2mb	
OCO	73.35	55	IPd	38	46.10	1.1
EAU	73.46	348	eP	38	45.00	-0.3
KRA	73.71	332	ePd	38	46.00	-0.8
Z	20s	2.10um			5.4Msz	
N	20s	1.60um				
E	20s	1.60um				
		e	38	53.00	22kmX	
EKA	73.92	348	Pd	38	47.70	-0.2
	0.6s	10.80nm			5.0mb	
TUL	73.94	53	IPd	38	48.40	0.0
	1.2s	199.00nm			5.9mb	
Z	21s	0.70um			4.9Msz	
		e	39	03.50	54km	
RLO	74.14	53	IPd	38	49.40	-0.1
VVO	74.41	54	IPd	38	51.50	0.4
CLL	74.53	337	iP	38	51.40	-0.1
	1.3s	48.00nm			5.3mb	
LTX	74.57	63	eP	38	51.50	-0.7
	0.5s	12.94nm			5.1mb	
		pP	39	08.00	60km	
WIT	74.61	341	eP	38	52.50	0.6
KOD	74.69	268	eP	38	52.80	-0.5
FVM	75.04	48	eP	38	54.50	-0.2
	0.6s	65.02nm			5.7mb	
		pP	39	10.00	55km	
CFR	75.12	325	IPc	38	54.50	-0.5
OTT	75.30	35	eP	38	55.00	-1.0
	0.8s	39.00nm			5.4mb	
		pP	39	11.50	60km	
PRU	75.33	335	P	38	55.70	-0.4
	1.1s	21.40nm			5.0mb	
Z	20s	1.60um			5.3Msz	
N	20s	0.90um				
E	18s	0.60um				
WTS	75.35	341	eP	38	56.00	-0.2
	0.9s	30.00nm			5.2mb	
MOX	75.49	337	ePd	38	57.50	0.4
	1.2s	32.00nm			5.1mb	
ASPA	75.53	201	eP	38	58.00	0.5
PSZ	75.61	331	iP	38	58.00	0.1
MLR	75.68	326	iPd	38	58.00	-0.4
HOF	75.73	337	eP	38	58.80	0.4
ISR	75.76	326	ePc	38	59.00	0.3
JCT	75.91	60	iP	38	59.10	-0.7
	1.0s	107.50nm			5.7mb	
Z	20s	0.64um			4.9Msz	
		I	39	15.00	57km	
MNT	75.97	33	iPd	38	59.50	-0.3
	0.7s	22.00nm			5.2mb	
		pP	39	14.50	53km	
RMO	76.04	186	eP	39	01.00	0.7
	0.9s	204.00nm			6.1mb	
ELC	76.17	48	P	39	00.50	-0.6
SRO	76.20	332	iP	39	02.70	1.7
ZST	76.22	333	iPc	39	02.60	1.4
BUD	76.27	331	e(P)	39	02.00	0.5
	1.0s	54.30nm			5.5mb	
KHC	76.37	336	iPd	39	02.30	0.2
	0.9s	49.90nm			5.5mb	
N	20s	0.50um				
E	20s	0.50um				
		e	39	07.50	17kmX	
		e	39	23.60		
VKA	76.39	333	e(P)	39	02.00	-0.1
		i	39	08.30	20kmX	
COZ	76.40	327	IPd	39	03.00	0.5
RSNY	76.46	34	eP	39	02.30	-0.3
	0.5s	15.28nm			5.2mb	
		pP	39	17.40	53km	
GRF	76.47	337	eP	39	03.50	0.9
	1.2s	64.00nm			5.5mb	
Z	19s	0.70um			5.0Msz	
OLY	76.47	51	P	39	02.60	-0.2
ENN	76.70	341	IPd	39	04.30	0.5
	1.0s	73.00nm			5.6mb	
		Id	39	08.50	13kmX	
BRS	76.73	183	P	39	03.00	-1.2
MEM	76.83	341	Pd	39	04.90	0.4
		e	39	41.00	145kmX	
SOP	76.84	333	ePc	39	05.20	0.6
	1.0s	34.10nm			5.3mb	
ETA	76.90	349	eP	39	05.10	0.2
	0.9s	48.00nm			5.5mb	
CLO	77.16	328	iPd	39	06.00	-0.4
SNF	77.28	342	P	39	07.90	0.9
		e	39	11.50	12kmX	
ECB	77.29	349	iPd	39	07.50	0.5
HNME	77.30	30	eP	39	07.70	0.5
	0.8s	12.00nm			5.0mb	
		pP	39	23.00	54km	
ECP	77.42	349	iPd	39	08.20	0.5
	0.9s	120.00nm			5.9mb	
BNH	77.59	32	P	39	09.90	1.0
DOU	77.61	341	Pc	39	09.40	0.6
WLF	77.69	340	P	39	10.50	1.3
MIM	77.77	31	P	39	10.60	0.8
BHG	77.85	335	iPd	39	11.40	1.2
FUR	77.86	337	IPc	39	11.50	1.2
PVL	77.98	325	iPd	39	10.00	-1.0
JMB	78.03	324	iPc	39	11.00	-0.3
VAL	78.10	351	iP	39	11.70	0.3
DMK	78.13	323	iP	39	11.70	-0.1
BUH	78.15	339	eP	39	12.00	0.1
BEO	78.17	329	iP	39	12.40	0.4
BEO	78.17	329	iP	39	12.40	0.4
KBA	78.31	335	IPc	39	12.70	-0.3
	0.9s	165.00nm			6.0mb	
		Id	39	13.60	3kmX	
		i	39	31.50		
		i	40	24.70		
GPA	78.40	320	iP	39	13.70	0.3
CDF	78.61	339	eP	39	14.90	0.4
	1.0s	48.00nm			5.4mb	
EMM	78.73	30	P	39	15.90	0.9
LJU	78.92	334	eP	39	16.00	-0.1
		e	39	41.00	95kmX	
SLE	78.93	338	ePd	39	16.30	0.1
PLD	79.05	325	eP	39	17.00	0.1
VOY	79.11	334	iPd	39	16.50	-0.8
		i	39	34.80	67kmX	
OGA	79.13	336	iPd	39	18.50	1.0
	1.0s	63.00nm			5.5mb	
VTS	79.17	326	iP	39	18.00	0.5
SAX	79.20	337	ePd	39	18.40	0.4
HAU	79.21	340	eP	39	18.00	0.3
	1.0s	37.60nm			5.3mb	
KDZ	79.21	324	iPd	39	18.00	0.2
ZUL	79.22	338	ePd	39	18.00	0.2
RSCP	79.27	47	eP	39	18.30	0.1
	0.7s	47.20nm			5.5mb	
		pP	39	34.00	56km	
BSF	79.27	339	eP	39	18.20	0.1
	1.0s	42.20nm			5.3mb	
BNT	79.32	322	iP	39	17.90	-0.4
EDC	79.35	322	IPd	39	18.80	0.3
TRI	79.44	334	IPd	39	18.50	-0.4
		eS	49	09.00		
		eSS	55	12.00		
		eSSS	59	00.00		
TBR	79.50	36	P	39	19.70	0.4
OSS	79.53	337	ePd	39	20.60	1.0
LLS	79.65	338	ePd	39	20.90	0.6
GMTN	79.74	36	eP	39	20.10	-0.5
GMTN	79.74	36	IP	39	21.20	0.6
		i	39	36.80	55km	

18d 01h

RTB	79.77	310	IPd	39	22.00	1.0		0.8s	50.30nm		5.6mb		DEPTH = 33.0km (normal)						
FLN	79.86	344	IPc	39	21.30	0.2	LMR	83.57	338	IPc	39	41.20	0.6	5.3mb (6 obs.) 4.6Msz (1 obs.)					
	0.8s	90.60nm			5.8mb		CVF	83.69	336	eP	39	41.40	0.2	BISMARCK SEA					(203)
MMB	79.86	326	eP	39	22.00	0.7		0.8s	73.00nm		5.8mb			CENTROID, MOMENT TENSOR					(HRV)
VDL	79.88	337	ePd	39	22.50	0.9	YOU	83.81	186	eP	39	43.70	2.1	Data Used: GDSN					
LDF	79.96	344	IPc	39	21.90	0.2				e	40	03.40	72kmX	L.P.B.: 11S, 20C					
	1.0s	80.00nm			5.6mb		PRNI	84.57	312	IP	39	46.50	0.6	Centroid Location:					
NAV	80.04	42	P	39	22.60	0.3	CAN	84.80	186	eP	39	49.00	2.4	Origin Time 02:15:55.7 0.6					
STJ	80.08	19	ePc	39	23.60	1.3				i	40	03.30	49km	Lat 3.52S 0.06 Lon 146.23E 0.06					
GRR	80.29	344	IPc	39	24.00	0.6	MLS	85.15	342	eP	39	49.00	0.5	Dep 28.2 7.4 Half-duration 1.8					
BLA	80.29	42	eP	39	24.10	0.4	EPF	85.23	342	IPc	39	49.50	0.5	Moment Tensor; Scale 10**24 D-CM					
	0.9s	52.10nm			5.5mb			0.8s	40.20nm		5.6mb			Mrr= 0.15 0.06 Mtt=-0.18 0.12					
TMA	80.39	337	ePd	39	24.70	0.5	WAM	85.68	186	iPd	39	53.60	2.7	Mff= 0.03 0.10 Mrt= 0.03 0.19					
EZN	80.40	323	iP	39	24.10	0.0				i	40	08.50	51km	Mrf=-0.15 0.21 Mtf= 1.64 0.07					
LOR	80.45	341	eP	39	24.40	0.1	MRWA	86.11	214	eP	39	53.00	-0.2	Principal Axes:					
VAY	80.52	326	iP	39	24.60	-0.1		0.6s	19.00nm		5.5mb			T Val= 1.57 Plg= 4 Azm=133					
GRC	80.59	342	IPc	39	25.30	0.3				e	40	09.00	56km	N 0.15 85 358					
GFM	80.59	44	P	39	26.00	0.5	BAL	87.11	213	eP	39	57.00	-1.1	P -1.72 4 223					
MMK	80.66	338	ePd	39	26.80	1.0				e	40	13.00	56km	Best Double Couple:Mo=1.6*10**24					
LPF	80.67	344	IPc	39	25.90	0.5	TBI	87.42	131	iP	40	01.60	1.9	NP1:Strike=268 Dip=85 Slip= 0					
NA2	80.67	40	P	39	26.10	0.6		1.3s	215.00nm		6.2mb			NP2: 358 90 -175					
LBF	80.70	341	eP	39	25.80	0.1	KLB	87.64	212	eP	40	00.00	-0.6						
	0.8s	16.70nm			5.0mb			0.8s	37.00nm		5.6mb			MDG	1.93	198	eP	16	22.50 -1.5
SSF	80.72	341	eP	39	26.00	0.3				e	40	16.00	56km	LAT	3.29	169	eP	16	45.00 1.6
	0.8s	30.80nm			5.3mb		KRP	88.93	164	P	40	07.40	0.8	JAY	5.73	279	ePc	17	18.80 0.9
DIX	80.77	338	ePd	39	27.60	1.2	TOL	89.09	345	IPd	40	08.50	0.7	RAB	5.84	98	eP	17	20.00 0.5
EMS	80.90	339	ePd	39	27.70	0.8		1.1s	3.50nm		4.6mb						IS	18	48.00
AVF	81.01	341	eP	39	27.70	0.5	IFR	95.48	344	IPd	40	36.50	-1.1	PMG	6.02	173	eP	17	22.00 0.0
SMF	81.05	341	eP	39	27.70	0.2				i	40	52.00	53km	ALOA	7.92	150	eP	17	49.00 0.3
PMO	81.22	126	IP	39	29.60	1.0	AVE	96.08	346	iP	40	40.50	0.4	BGA	9.19	108	eP	18	06.00 -0.5
	1.0s	75.00nm			5.6mb					i	40	50.50	31kmX	PAA	9.53	108	eP	18	10.00 -1.1
		ipP	39	46.00	58km		BNG	114.66	312	IPKPd	45	53.00	-0.4	HNR	14.76	115	e(P)	19	16.00 -5.2X
IZM	81.25	322	iP	39	28.90	0.2		0.9s	5.00nm					CTA	16.59	180	IPd	19	48.80 4.1X
OHR	81.34	327	eP	39	27.80	-1.3				id	46	25.80			1.3s	180.77nm			5.0mb
BGF	81.34	341	eP	39	29.50	0.5				ic	46	42.90					iS	22	50.00
	0.6s	22.50nm			5.3mb		KIC	121.70	337	ePKP	46	06.20	-0.5	MTN	17.75	237	eP	19	59.00 -0.3
TPT	81.35	125	iP	39	30.00	0.7				e	46	23.20		WRA	20.20	215	IPd	20	26.40 -1.5
	1.0s	100.00nm			5.7mb		MTD	124.60	286	IPKPd	46	14.30	2.0	KNA	21.23	234	eP	20	37.00 -1.4
		ipP	39	46.80	60km					lpP	46	29.80		RMQ	23.07	175	eP	20	59.00 2.3
LPG	81.48	339	iPc	39	30.40	0.3	LSZ	125.55	290	IPKPc	46	14.70	0.5	DAV	23.22	297	eP	20	54.00 -4.2X
CSS	81.54	315	eP	39	30.50	0.3		0.7s	12.20nm								eS	25	14.00
ELL	81.55	319	iP	39	31.00	0.6	KRI	125.86	287	ePKP	46	14.50	-0.3	ASPA	23.47	210	eF	21	01.00 0.4
VAH	81.56	125	iP	39	31.30	0.9				ipP	46	30.00		KUPT	23.57	252	eP	21	07.00 5.5X
	1.0s	60.00nm			5.5mb		SBA	127.40	177	ePKP	46	16.00	0.1	KOU	24.40	136	IPc	21	10.10 0.5
		ipP	39	47.50	58km			1.5s	52.78nm					BRS	24.63	166	eP	21	12.00 0.2
RUV	81.65	125	iP	39	31.80	1.0	ATB	128.06	37	PKPc	46	18.60	-0.3	DZM	26.91	135	IPc	21	35.00 1.8
	1.0s	85.00nm			5.7mb		BUL	128.97	286	IPKPc	46	21.10	0.4	NOU	27.07	136	IPc	21	33.00 -1.5
		ipP	39	48.30	59km			1.1s	17.72nm					YOU	30.78	177	eP	22	08.30 0.6
MZF	81.72	342	IPc	39	32.10	1.1				epP	46	36.90		CAN	31.85	176	eP	22	16.90 -0.3
TCF	81.73	342	IPc	39	31.80	0.8	ZOBO	131.43	63	iPKPd	46	26.40	0.4	BAG	32.21	308	eP	22	18.80 -1.9
PLDF	81.74	341	IPc	39	32.10	0.9		1.9s	68.09nm					WAM	32.71	176	eP	22	22.60 -2.0
MFF	81.88	343	IPc	39	32.80	1.0	LPB	131.65	63	PKPc	46	26.40	0.2	SHK	39.87	342	eP	23	25.00 -0.3
	0.8s	73.60nm			5.7mb			Z 24s	0.58um		5.2MszX			MAT	40.46	350	eP	23	29.00 -1.2
LSF	81.90	342	eP	39	32.70	0.8				LR	31	10.00			1.5s	125.00nm			5.4mb
YER	81.91	320	iP	39	31.80	-0.4	BFS	134.99	281	e(PKP)	46	33.00	1.0		Z 20s	0.89um			4.6Msz
PRM	82.02	45	eP	39	33.30	0.6	SEK	135.44	279	IPKPc	46	33.50	0.7				eS	29	35.00
	0.7s	4.00nm			4.5mb X			1.0s	30.00nm					GZH	41.60	311	P	23	40.70 1.0
		pP	39	49.00	55km		SWZ	136.12	282	ePKP	46	21.00	-13.1X	WHN	45.54	320	eP	24	12.50 1.0
PYM	82.08	341	IPc	39	33.90	1.0	BLF	136.89	279	ePKP	46	21.50	-14.0X	SNG	46.86	283	eP	24	23.00 0.9
AFR	82.36	128	iP	39	35.50	1.0		0.9s	32.31nm					PSI	47.81	277	ePd	24	29.50 -0.2
	1.0s	110.00nm			5.8mb					i	46	37.50		TIA	47.95	320	eP	24	30.10 -0.3
PPT	82.49	128	iP	39	36.40	1.1	TPZ	136.90	65	PKP	46	38.00	2.0				S	31	29.00
	1.0s	120.00nm			5.9mb		SOB1	137.37	25	ePKP	46	23.90	-12.8X	GYA	48.52	310	eP	24	36.60 1.4
		epP	39	53.00	59km					e	46	35.90		LOE	48.65	297	eP	24	37.00 0.9
PPN	82.53	128	iP	39	36.30	0.9				e	46	53.60		SNY	49.56	338	eP	24	42.90 0.2
	1.0s	200.00nm			6.1mb		ITR	137.56	21	ePKP	46	31.80	-5.2X				S	31	50.00
		epP	39	53.00	59km					e	46	36.60		CN2	50.62	340	Pc	24	50.00 -0.8
PAE	82.57	128	iP	39	36.50	0.9	ITR	137.56	21	e(PKP)	46	37.00	0.0				pP	24	58.00 27kmX
	1.0s	105.00nm			5.8mb		WIN	137.82	295	ePKP	46	27.70	-9.8X	XAN	51.30	320	Pc	24	55.60 -0.6
CRI	82.62	313	iP	39	36.50	0.6	SPA	139.45	180	e(PKP)	46	28.00	-11.0X	BJI	51.34	330	eP	24	56.00 -0.3
RJF	82.81	342	eP	39	37.60	0.9	SUR	142.52	280	ePKP	46	42.00	-3.7X		N 18s	1.50um			
	1.1s	128.90nm			5.8mb			1.0s	34.00nm								eS	32	10.00
MEK	82.82	213	eP	39	37.00	0.2	CER	144.12	280	IPKPd	46	48.00	-0.1	TIY	51.62	326	eP	24	58.60 0.0
TVO	82.84	128	iP	39	38.50	1.4		0.9s	92.31nm					CHG	51.62	297	eP	25	00.00 1.1
	1.0s	65.00nm			5.6mb		TUH	144.17	281	IPKPd	46	48.00	-0.2	CD2	53.03	313	Pc	25	09.60 0.3
CAF	83.06	342	IPc	39	39.20	1.2		1.0s	140.00nm								eS	32	40.00
JER	83.30	312	IPc	39	40.50	1.0	SYO	144.33	214	IPKP	46	45.30	-2.0	HHC	54.31	328	P	25	18.70 0.1
LFF	83.32	342	eP	39	40.20	1.0	VAO	147.97	42	ePKP	46	54.60	-0.2	BTO	54.97	327	Pc	25	23.00 -0.4
	0.8s	51.60nm			5.6mb		BMA	148.87	37	e(PKP)	46	51.00	-5.2X	LZH	55.85	319	Pc	25	30.00 0.1
FRF	83.33	338	eP	39	39.60	0.3	BMA	148.87	37	ePKP	47	01.00	4.8X		1.5s	55.00nm			5.4mb
	1.1s	74.30nm			5.6mb					e	47	17.80		SHL	60.10	302	IP	25	59.80 -0.2
CDR	83.43	339	IPc	39	40.70	0.8	VBA	150.73	81	ePKPc	46	59.00	0.4	GTA	60.36	320	IPc	26	02.00 0.6
		i	39	41.00	1kmX		SNA	156.82	199	e(PKP)	47	05.00	-1.0	PKI	66.23	302	eP	26	40.40 -0.2
		i	39	55.80			S.D. = 0.9 on 307 of 326 obs.								1.0s	14.00nm			5.0mb
		e	40	24.40										KKN	66.41	302	eP	26	41.70 0.1
LPO	83.47	342	eP	39	41.10	1.0	SEP 18, 1985 02h 15m 52.92± 0.25s								0.8s	27.00nm			5.4mb
LRG	83.50	338	IPc	39	41.00	0.9	3.402 S ± 4.2km 146.369 E ± 4.9km							DMN	66.50	302	eP	26	42.80 0.5

0.9s 37.00nm 5.5mb
HYB 69.98 290 eP 27 02.20 -1.6
WMO 70.43 319 P 27 06.50 0.4
SBA 75.18 176 e(P) 27 33.90 0.5
e 47 11.90
QUE 82.58 301 eP 28 14.80 0.1
COL 83.05 23 eP 28 16.00 -0.2
KHC 119.33 326 ePKP 34 34.60 -6.0X
KIC 151.07 277 ePKP 35 46.10 6.9X
S.D. = 1.0 on 50 of 56 obs.

SEP 18, 1985 02h 35m 26.19± 0.50s
3.467 S ± 6.5km 146.222 E ±10.8km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
BISMARCK SEA (203)

PMG 5.98 171 eP 36 54.00 -0.7
CTA 16.52 180 IPc 39 21.00 3.9X
0.8s 26.12nm 4.4mb
i 39 27.00
MTN 17.59 237 eP 39 29.00 -1.6
WRA 20.06 214 IPc 39 59.20 -0.5
KNA 21.07 233 eP 40 10.00 -0.1
RMO 23.02 174 eP 40 31.00 1.5
ASPA 23.35 210 eP 40 34.00 1.3
1.0s 41.00nm 4.9mb
KOU 24.46 135 IPd 40 44.10 0.7
BRS 24.60 166 eP 40 45.00 0.2
DZM 26.96 135 IPc 41 05.50 -1.5
MAT 40.50 350 (P) 43 03.00 -0.7
1.2s 23.44nm 4.6mb
TIA 47.93 328 eP 44 02.60 -0.9
KMI 50.86 306 Pd 44 28.50 2.0
XAN 51.25 320 Pc 44 28.60 -0.5
BJI 51.33 331 eP 44 29.00 -0.5
CHG 51.52 297 eP 44 35.00 3.6X
CD2 52.97 313 P 44 42.80 0.7
HHC 54.29 328 P 44 51.80 0.1
BTO 54.94 327 eP 44 56.00 -0.5
GTA 60.31 320 P 45 35.00 0.6
GBA 70.30 286 Pc 46 43.70 4.8X
0.7s 7.10nm 4.6mb
WMO 70.38 319 P 46 39.50 0.4
S.D. = 1.0 on 19 of 22 obs.

% SEP 18, 1985 03h 26m 09.82± 0.91s
38.943 N ± 8.3km 28.683 E ± 8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 1.24 244 ePn 26 32.90 0.0
BNT 1.53 338 ePn 26 35.90 -1.3
EDC 1.54 336 ePn 26 36.60 -0.7
YER 1.83 190 IPn 26 45.80 4.1X
GPA 1.84 43 IPn 26 43.20 1.5
KGT 1.84 325 ePn 26 40.70 -1.0
EZN 2.03 297 ePn 26 46.20 1.8
BCK 2.11 134 ePn 26 45.00 -0.7
ISK 2.14 8 ePn 26 46.00 0.0
CTT 2.21 355 ePn 26 46.00 -1.1
DMK 2.96 346 ePn 26 59.20 1.5
S.D. = 1.3 on 10 of 11 obs.

? SEP 18, 1985 03h 50m 32.99± 4.09s
21.268 S ±40.6km 177.704 W ±57.6km
DEPTH = 435.2 ± 27.7 km
4.6mb (2 obs.)
FIJI ISLANDS REGION (181)

SVA 4.79 310 eP 51 55.00 -0.3
VUN 4.85 311 eP 51 55.00 -1.0
SGE 5.51 311 IPd 52 04.10 1.4
DZM 14.76 264 IPc 53 43.00 -0.6
KOU 16.85 269 IPc 54 09.60 4.8X
CAN 32.32 237 eP 56 25.20 -0.7
YOU 32.53 239 eP 56 27.10 -0.6
WAM 32.67 236 eP 56 30.80 2.0
CTA 33.70 265 IPd 56 38.20 0.6
0.9s 16.81nm 4.4mb
ASPA 44.62 257 eP 58 07.00 0.4
0.7s 30.00nm 4.8mb
WRA 44.77 263 eP 58 07.70 -0.1
KLB 57.98 245 eP 59 44.00 -0.5
BAL 59.00 246 eP 59 51.00 -0.5
S.D. = 1.1 on 12 of 13 obs.

SEP 18, 1985 03h 59m 09.14± 0.75s
4.036 N ± 4.9km 76.830 W ± 7.1km
DEPTH = 102.3 ± 8.1 km
4.9mb (11 obs.)
COLOMBIA (103)

PSO 2.87 190 IP 59 54.00 -0.3
FUQ 3.39 65 eP 00 01.00 -0.4
OUR 4.51 202 P 00 16.50 -0.4
S 01 10.20
BMG 4.80 51 IP 59 55.50 -25.0X
IS 00 29.00
BMG 4.80 51 eP 01 11.00 50.5X
UPA 5.60 331 IPd 00 30.10 -1.4
0.5s 54.93nm 5.0mb X
i 01 32.00
UAV 7.25 51 ePn 00 54.30 -0.1
SDV 7.82 52 ePn 01 01.50 -0.6
CAR 11.74 56 eP 01 51.20 -3.5X
CAR 11.74 56 IPd 01 54.00 -0.7
0.7s 41.10nm 5.3mb X
PCJ 13.62 359 IP 02 22.74 3.4X
HOJ 13.88 0 eP 02 26.15 3.5X
STH 13.95 0 IP 02 26.62 3.0
SJG 17.46 36 eP 03 08.00 0.2
ARE 21.04 166 eP 03 49.00 2.0
ZOBO 21.94 157 P 03 55.80 -0.4
LR 18 30.00
LPB 22.19 157 P 03 58.00 -0.4
CCH 23.75 154 P 04 15.00 1.4
TPZ 27.58 157 P 04 50.00 0.9
e 05 14.00
RSCP 32.43 347 eP 05 33.70 2.1
0.5s 46.95nm 5.5mb
JCT 34.09 323 eP 05 45.00 -1.0
VVO 35.72 333 ePd 05 59.70 0.0
LTX 35.78 318 eP 06 00.30 -0.1
1.0s 6.00nm 4.5mb
FVM 36.00 342 eP 06 01.50 -0.5
0.6s 26.01nm 5.3mb
RLO 36.11 335 eP 06 01.80 -1.1
TUL 36.23 333 ePd 06 04.00 0.1
1.1s 55.70nm 5.4mb
OCO 36.69 331 ePd 06 08.30 0.5
OTT 41.20 1 eP 06 46.00 0.9
ALQ 41.21 322 eP 06 46.60 0.9
1.0s 22.00nm 4.9mb
MNT 41.40 3 IPc 06 48.00 1.3
0.7s 18.00nm 5.0mb
GOL 43.90 328 eP 07 08.80 1.2
0.7s 8.50nm 4.7mb
BDW 48.31 328 eP 07 42.00 -0.3
1.0s 8.00nm 4.5mb
RSON 48.77 346 eP 07 44.40 -1.0
EUR 49.98 320 IP 07 56.00 0.8
0.8s 4.13nm 4.5mb
SCH 51.28 7 eP 08 05.00 0.5
BMN 51.31 321 eP 08 05.70 0.6
0.7s 4.44nm 4.6mb
LRM 51.90 329 ePc 08 09.40 -0.2
SES 54.43 334 ePc 08 27.20 -0.8
NEW 55.91 329 eP 08 38.00 -0.7
PNT 57.86 328 IP 08 53.00 0.6
0.8s 22.00nm 5.2mb
YKC 64.61 342 eP 09 36.00 -1.5
YKA 64.66 342 eP 09 37.40 -0.5
KIC 71.78 85 eP 10 21.90 -1.1
INK 74.42 341 eP 10 37.00 -0.3
COL 78.34 336 eP 10 59.00 -0.4
KHC 87.25 41 eP 11 47.00 1.6
SPA 94.01 180 e(P) 12 36.00 19.3X
KKN 143.96 28 ePKP 18 32.00 -3.2X
0.6s 7.00nm
DMN 144.03 28 ePKP 18 33.00 -2.4
0.5s 17.00nm
PKI 144.21 28 ePKP 18 33.20 -2.5
0.5s 9.00nm
WRA 145.76 240 ePKP 18 38.20 0.0
S.D. = 1.2 on 44 of 51 obs.

• SEP 18, 1985 04h 00m 08.51± 2.85s
37.896 N ±28.1km 12.713 E ± 7.8km
DEPTH = 10.0km (geophysicist)
SICILY (398)

CVF 5.51 329 Pn 01 33.60 0.9
Sn 02 30.60
OHR 7.03 60 ePn 01 47.00 -7.0X
LMR 7.19 321 Pn 01 55.80 -0.4
FRF 7.29 323 Pn 01 57.30 -0.4
LRG 7.36 321 Pn 01 58.70 0.2
CDR 7.81 320 ePn 02 04.90 0.0
e 03 26.90
VAY 8.34 63 ePn 02 11.70 -0.6
LPG 8.80 331 Pn 02 22.80 3.8X
KBA 9.19 3 eP 02 24.50 0.3
CLO 10.42 43 eP 02 42.00 1.0
KHC 11.25 3 P 02 51.50 -0.8
PRU 12.16 6 eP 03 04.00 -0.6
S.D. = 0.7 on 10 of 12 obs.

& SEP 18, 1985 05h 17m 45.00s
37.450 N 118.685 W
DEPTH = 4.0km
CALIFORNIA-NEVADA BORDER REGION (40)
<BRK>. ML 3.3 (BRK), 3.4 (PAS).

PPK 0.62 92 IPc 17 56.60 -0.8
SVP 0.75 69 IPc 17 59.00 -1.0
LCH 0.85 104 eP 18 00.70 -1.4
FRI 0.94 241 IPc 18 02.10 -1.3
IS 18 14.20
MGM 0.95 90 eP 18 02.50 -1.3
MNA 1.07 23 IPc 18 04.90 -0.8
IS 18 18.90
MCA 1.38 125 eP 18 10.00 -1.0
JAS1 1.46 290 IPd 18 11.00 -1.1
IS 18 30.00
VPEM 1.65 155 eP 18 15.00 0.0
WKTM 1.66 173 eP 18 15.20 0.1
ISA 1.79 174 eP 18 17.70 0.7
IS 18 40.50
LLA 1.99 246 IPd 18 20.30 0.5
PRI 2.06 231 ePc 18 20.90 0.0
SAO 2.31 254 IPc 18 24.70 0.2
MHC 2.36 268 ePd 18 26.00 0.8
PRS 2.42 243 e(P) 18 25.60 -0.5
GCC 2.68 262 ePc 18 29.10 -0.5
BKS 2.85 280 eP 18 31.80 -0.3
BRK 2.87 280 e(P) 18 32.30 -0.1
PCC 2.94 272 e(P) 18 33.10 -0.3
EUR 2.94 46 IP .8 39.00 5.3
21 obs. associated

• SEP 18, 1985 05h 51m 40.99± 0.41s
17.186 S ±10.3km 167.352 E ±12.7km
DEPTH = 33.0km (normal)
4.9mb (5 obs.)
VANUATU ISLANDS (186)

PVC 1.07 121 IPd 51 59.30 -0.4
IS 52 13.50
KOU 4.44 220 IPc 52 46.90 -0.9
IS 53 37.30
DZM 4.93 190 IPd 52 52.90 -2.0
NOU 5.17 189 IPd 52 56.80 -1.3
IS 53 54.50
VUN 10.63 96 eP 54 22.00 7.9X
RMO 19.57 239 eP 56 10.00 0.7
CTA 20.20 258 IPc 56 16.20 0.3
1.0s 8.00nm 4.0mb
PMG 21.11 289 e(P) 56 32.00 6.8X
YOU 24.05 221 eP 56 55.10 0.9
e 57 10.10
CAN 24.36 219 eP 57 00.10 2.9
e 57 12.70
WAM 25.03 217 eP 57 05.90 2.3
WRA 31.39 260 IPd 57 59.20 -2.1
e 00 53.20
ASPA 31.95 253 eP 58 04.00 -2.3
0.6s 27.00nm 5.3mb
MAT 60.11 333 eP 01 45.00 -2.6
1.1s 32.91nm 5.4mb
SBA 60.69 180 e(P) 01 47.00 -4.0X
SPA 72.92 180 eP 03 08.50 -0.3
1.0s 6.00nm 4.5mb
CHG 76.17 295 eP 03 28.50 0.4
COL 88.66 18 eP 04 30.00 -1.8
EUR 90.89 49 IP 04 42.00 -1.0
1.0s 5.38nm 4.9mb
MTD 124.88 235 IPKPd 10 41.50 1.3
BUL 125.07 229 IPKPd 10 39.70 -0.8
0.7s 3.77nm
KRI 126.37 233 ePKP 10 42.00 -1.2

18d 06h

SUF	127.15	339	IPKP	10	42.10	-1.0
	0.5s		4.70nm			
NUR	129.16	337	IPKP	10	45.30	-1.6
	0.8s		13.20nm			
SJG	129.16	80	IPKPd	10	46.30	-2.0
TLB	136.34	318	IPdiff	08	03.50	-2.5
KHC	141.69	332	ePKP	11	11.50	0.6
			e	11	27.00	
SOB1	141.69	131	ePKP	11	04.60	-7.3X
OHR	142.66	317	ePKP	11	06.50	-6.3X
MEM	143.46	340	PKP	11	10.80	-2.9
WLF	144.22	339	PKPd	11	13.60	-1.4
			e	11	29.10	
DOU	144.35	341	PKPc	11	13.70	-1.6
	0.9s		90.00nm			
			e	11	29.00	
OGA	144.52	332	ePKP	11	14.40	-1.6
ECP	144.73	353	IPKPc	11	13.90	-1.9
	0.8s		80.00nm			
CDF	144.86	337	IPKPc	11	15.10	-1.3
SLE	144.91	335	ePKP+	11	14.70	-1.7
SAX	144.97	334	ePKP+	11	15.50	-1.3
OSS	145.05	332	ePKP+	11	16.00	-0.9
LLS	145.41	334	ePKP+	11	16.80	-0.7
VDL	145.51	333	ePKP+	11	17.40	-0.3
BSF	145.52	337	IPKPc	11	17.00	-0.5
HAU	145.55	337	IPKPc	11	17.30	-0.2
TMA	146.06	333	ePKP+	11	18.60	0.0
MMK	146.50	334	ePKP+	11	20.50	1.1
DIX	146.71	334	ePKP+	11	21.00	1.3
EMS	146.91	335	ePKP+	11	21.30	1.3
BNG	146.91	251	IPKPc	11	21.70	1.0
	0.9s		61.00nm			
			id	11	26.20	
			ic	11	35.40	
FLN	146.98	345	IPKPc	11	21.20	1.5
LDF	147.05	345	IPKPc	11	21.50	1.7
LOR	147.06	339	IPKPc	11	21.50	1.6
LBF	147.26	339	IPKPc	11	22.20	1.9
GRC	147.29	340	IPKPc	11	22.40	2.2
SSF	147.36	339	IPKPc	11	22.60	2.2
GRR	147.42	345	IPKPc	11	22.70	2.3
LPG	147.45	334	IPKPc	11	23.30	2.3
SMF	147.60	339	ePKP	11	23.10	2.3
AVF	147.64	339	ePKP	11	23.00	2.2
LPF	147.80	345	IPKPc	11	23.70	2.7
BGF	148.02	340	IPKPc	11	24.30	2.8
MZF	148.49	340	IPKPc	11	25.50	3.4X
TCF	148.46	340	IPKPc	11	25.40	3.2X
LSF	148.71	341	IPKPc	11	25.80	3.2X
CVF	148.75	329	IPKPc	11	26.00	3.2X
MFF	148.89	343	IPKPc	11	26.50	3.7X
FRF	149.04	332	IPKPc	11	26.70	3.5X
LRG	149.25	332	IPKPc	11	27.60	4.1X
LMR	149.28	332	IPKPc	11	27.40	3.9X
CDR	149.33	333	ePKPc	11	27.50	3.9X
RJF	149.56	340	ePKP	11	28.40	4.5X
CAF	149.71	339	ePKP	11	28.80	4.6X
LFF	150.14	341	ePKP	11	29.80	5.0X
LPO	150.22	340	ePKP	11	30.00	5.1X
MLS	151.78	338	ePKP	11	34.40	7.1X
			e	11	42.80	
EPF	151.97	339	ePKP	11	34.30	6.6X
	S.D. = 1.7		on 54 of 74 obs.			

SEP 18, 1985 06h 56m 12.32± 0.47s
39.354 S ± 5.3km 71.411 W ±11.1km
DEPTH = 33.0km (normal)
4.9mb (18 obs.)

S. CHILE-ARGENTINA BORDER REGION(145)

RFA	5.14	28	ePc	57	33.50	4.3X
			S	58	56.50	
LNV	5.39	0	iPd	57	31.50	-0.9
			i(S)	58	39.10	
TACH	5.70	4	eP	57	36.20	-0.7
PCH	5.77	7	eP	57	38.00	0.0
SAN	5.92	6	ePd	57	39.50	-0.6
BACH	6.03	7	eP	57	41.50	-0.2
			iS	58	09.50	
FCH	6.08	9	iP	57	43.30	0.7
PEL	6.23	6	iP	57	43.20	-1.2
			iS	58	59.40	
ROCH	6.38	3	eP	57	45.00	-1.7
JACH	6.69	6	eP	57	50.50	-0.4
MDZ	6.78	19	eP	57	56.20	4.0X
			i	58	04.60	
RTCB	8.13	16	ePc	58	11.80	0.7
RTLL	8.36	18	ePc	58	14.90	0.7
VCA	10.91	15	eP	58	48.80	-0.6
SLA	15.41	21	e(P)	59	47.00	-2.2
YJA	17.86	18	ePd	00	20.80	0.5
TPZ	18.49	17	eP	00	29.00	1.0
CCH	22.37	13	P	01	10.00	0.6
ARE	22.81	360	eP	01	15.00	1.3
LPB	22.92	8	P	01	16.00	1.1
			LR	11	30.00	
ZOBO	23.18	8	iPd	01	18.40	0.8
			LR	54	20.00	
VAO	26.39	59	e(P)	01	48.00	0.4
SOB1	40.55	50	eP	03	49.90	-0.4
ITR	42.40	53	eP	04	05.70	0.2
			e	04	09.00	
SPA	50.84	180	eP	05	10.90	-0.7
	0.8s		16.25nm		5.1mb	
SBA	57.95	192	e(P)	06	01.70	-1.6
JCT	74.33	335	iP	07	47.50	-0.7
	1.0s		15.50nm		5.0mb	
LTX	74.65	331	eP	07	50.00	-0.2
	1.0s		6.00nm		4.5mb	
WIN	74.95	107	eP	07	53.00	0.6
	0.9s		10.92nm		4.9mb	
KIC	76.37	70	eP	08	01.00	0.8
VVO	77.64	340	e(P)	08	09.30	2.5
TUL	78.20	340	eP	08	10.10	0.3
	1.0s		23.90nm		5.2mb	
RLO	78.24	341	eP	08	09.20	-0.9
OCO	78.30	339	e(P)	08	03.80	-6.6X
ALQ	80.71	331	eP	08	23.50	-0.2
	1.2s		11.72nm		4.8mb	
BUL	84.87	112	iPd	08	46.20	0.8
	1.0s		14.50nm		5.1mb	
KRI	87.72	110	eP	08	57.00	-2.4
EUR	88.42	327	iP	09	03.60	1.3
	0.8s		2.95nm		4.6mb	
BDW	88.77	333	eP	09	03.10	-0.8
	0.9s		3.42nm		4.7mb	
MTD	89.19	111	iPc	08	55.30	-11.1X
LRM	92.44	333	ePc	09	22.10	1.3
BNG	92.75	87	iPd	09	26.00	3.2X
	0.5s		5.00nm		5.2mb	
QUE	144.85	92	ePKP	15	48.40	0.6
HYB	145.97	121	ePKP	15	40.50	-9.3X
	S.D. = 1.1		on 38 of 44 obs.			

? SEP 18, 1985 07h 45m 45.59± 1.29s
1.625 S ±35.2km 121.338 E ±35.2km
DEPTH = 33.0km (normal)

SULAWESI (268)

IPM	21.21	287	ePc	50	32.10	1.1
WRA	22.21	146	eP	50	41.10	0.2
NNT	25.68	304	eP	51	14.70	0.2
LOE	27.04	315	eP	51	27.00	0.0
CHG	29.95	314	eP	51	54.00	0.7
GBA	46.08	291	P	54	07.60	-1.0
HYB	46.21	296	eP	54	08.50	-1.2
	S.D. = 1.0		on 7 of 7 obs.			

* SEP 18, 1985 09h 55m 15.61± 1.10s
3.322 S ±17.8km 129.714 E ±19.4km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)

CERAM (272)

MTN	9.57	172	eP	57	35.00	0.8
			eS	59	23.00	
WRA	17.13	165	eP	59	13.30	-0.9
ISO	19.77	152	eP	59	45.00	-1.0
ASPA	20.63	169	eP	59	55.00	0.0
			e(S)	03	42.00	
CTA	23.20	137	eP	00	21.00	0.4
	1.0s		6.00nm		4.1mb	
PPI	29.44	275	e(P)	01	19.00	0.3
IPM	29.72	285	ePd	01	20.50	-0.8
PSI	31.35	281	ePd	01	35.60	-0.1
CHG	37.43	307	eP	02	28.00	0.2
SPA	86.70	180	e(P)	07	58.50	1.2
	S.D. = 0.8		on 10 of 10 obs.			

* SEP 18, 1985 11h 23m 20.49± 1.13s
31.574 N ±13.5km 131.895 E ±11.7km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)

KYUSHU, JAPAN (235)

SHK	3.02	12	eP	24	08.30	1.2
			eS	24	50.80	
MAT	7.21	45	eP	25	05.00	-1.3
NJ2	11.11	276	Pd	26	01.50	1.5
SNY	12.21	329	Pd	26	16.00	1.1
CN2	13.22	339	Pc	26	35.80	7.4X
			eS	29	07.00	
BJI	15.28	308	eP	26	59.00	3.7X
TIY	17.13	296	eP	27	21.00	2.0
HHC	18.80	305	eP	27	39.00	-0.7
XAN	19.46	283	eP	27	44.80	-2.6
GYA	22.62	263	P	28	19.40	-0.5
CD2	24.04	276	P	28	32.80	-0.8
GTA	27.16	296	P	29	01.40	-1.4
PKI	40.40	277	eP	30	57.80	0.2
	0.4s		5.00nm		4.6mb	
KKN	40.44	277	eP	30	57.50	-0.3
	0.5s		4.00nm		4.4mb	
WRA	51.28	177	eP	32	25.00	1.6
			e	32	32.00	
MLR	78.15	316	iPd	35	21.50	3.4X
	S.D. = 1.5		on 13 of 16 obs.			

* SEP 18, 1985 13h 07m 48.56± 1.33s
28.412 N ±11.1km 140.439 E ±17.9km
DEPTH = 33.0km (normal)

BONIN ISLANDS REGION (212)

MAT	8.32	347	eP	09	50.00	0.1
			eS	11	35.00	
SSE	16.93	284	eP	11	44.00	-0.5
	6.0s		1.10nm		2.2mb	X
	N 10s		1.00um			
			eS	15	04.00	
MDJ	18.34	335	Pd	12	00.00	-2.0
DL2	18.80	309	P	12	10.00	2.4
NJ2	19.00	286	Pc	12	13.30	3.3X
SNY	19.17	319	P	12	14.00	2.0
CN2	19.51	326	Pd	12	14.40	-1.5
			eS	15	54.00	
QZH	19.82	265	Pc	12	20.00	0.7
			eS	16	00.00	
BAG	21.86	241	eP	12	40.00	-0.5
			eS	16	45.00	
QCP	22.59	237	eP	12	45.00	-2.5
WHN	22.80	282	eP	12	50.00	0.5
BJI	23.10	306	eP	12	53.00	0.7
			eS	17	03.00	
HKC	24.48	262	eP	13	09.00	3.2
			eS	17	34.00	
GZH	24.95	264	eP	13	10.00	-0.4
TIY	25.16	299	eP	13	12.00	-0.4
			S	17	30.00	
DAV	25.44	216	eP	13	16.00	0.9
			eS	17	48.00	
HHC	26.68	305	eP	13	26.00	-0.5
BTO	27.72	304	eP	13	37.00	1.0
QIZ	29.46	258	eP	13	51.00	-0.7
CD2	31.88	284	eP	14	11.90	-1.2
			eS	19	24.00	
GTA	35.19	299	eP	14	39.00	-2.7
WMQ	44.55	305	P	15	59.00	-0.1
WRA	48.43	188	eP	16	23.20	-6.6X
NDI	54.92	287	eP	17	22.00	3.4X
			ePP	19	25.00	
			eS	25	05.00	
QUE	63.03	291	eP	18	19.50	4.5X
ZOBO	151.03	71	PKP	27	37.30	2.3
LPB	151.18	72	ePKP	27	34.00	-1.0
	S.D. = 1.6		on 23 of 27 obs.			

& SEP 18, 1985 13h 49m 51.06s
60.265 N 141.883 W
DEPTH = 7.6km

SOUTHEASTERN ALASKA (19)
<AGS-P>.

YAH	0.12	35	iP	49	54.54	0.5
GYO	0.24	120	iP	49	55.19	-0.8
WRG	0.24	198	iP	49	56.22	0.2
SNH	0.48	268	iP	50	01.56	0.7
			iS	50	10.00	
WAX	0.52	292	iP	50	02.17	0.7
CTGM	0.75	21	iP	50	05.52	-0.6
			iS	50	16.71	

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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.

BALM	0.81	344	iP	50	06.68	-0.3
			IS	50	17.78	
BCPM	1.17	105	eP	50	11.56	-1.5
			IS	50	27.61	
HMT	1.19	274	iP	50	13.37	-0.1
			IS	50	31.27	
KAIM	1.31	256	iP	50	15.27	-0.3
			IS	50	32.76	
GLB	1.51	322	iP	50	18.03	-0.5
SGAM	1.67	280	eP	50	20.66	-0.1
GLI	2.65	286	eP	50	33.80	-1.0
TOA	2.78	313	iPd	50	37.50	0.7
MTU	2.90	267	eP	50	37.12	-1.3
KNIM	2.91	274	eP	50	36.83	-1.8
GBY	3.03	276	eP	50	38.28	-2.0
KNK	3.42	293	eP	50	45.56	-0.2
GHO	3.75	297	eP	50	49.90	-0.6
PMR	3.78	294	eP	50	50.00	-0.9
COL	5.39	332	eP	51	15.00	1.2
FBA	5.39	332	eP	51	14.30	0.5
IMA	7.89	323	eP	51	48.20	-0.7

23 obs. associated

• SEP 18, 1985 15h 24m 34.71± 0.78s
41.689 N ± 8.0km 22.307 E ± 6.3km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

VAY	0.42	152	iPg	24	42.80	-0.4
			ISg	24	48.40	
SKO	0.71	294	ePg	24	48.00	-0.7
			ISg	24	59.00	
MMB	1.07	95	iPgd	24	55.00	0.1
VTS	1.13	36	ePg	24	56.00	0.2
OHR	1.27	244	ePn	24	59.10	0.7
			eSn	25	17.00	

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

SEP 18, 1985 15h 54m 04.64± 0.53s
33.548 N ± 5.5km 97.051 W ± 6.4km
DEPTH = 5.0km (geophysicist)
CENTRAL TEXAS (500)
mbLg 3.3 (NEIS), 3.3 (TUL). Felt (V) at Sanger, (IV) at Valley View and Era. Felt (III) at Gainesville, Muenster and Saint Jo.

BHO	2.00	65	iPnd	54	40.20	0.8
VVO	2.09	31	iPnd	54	40.90	0.2
RRO	2.19	331	ePn	54	42.70	0.5
			(Sn)	55	12.20	
SIO	2.28	15	iPnd	54	43.40	-0.1
QZO	2.31	307	ePn	54	43.50	-0.4
TUL	2.58	23	iPnd	54	47.50	-0.2
			eSn	55	20.70	
RLO	3.10	32	iPn	54	54.40	-0.7
ATX	3.30	192	ePn	54	58.20	0.2
HKT	3.73	164	P	55	05.20	1.1
JCT	3.85	218	iPn	55	04.00	-1.9
			ePg	55	13.50	
			e(Sn)	55	59.00	
			e(Sg)	56	05.00	
HOGG	4.31	66	iPn	55	11.70	-0.7
POW	5.48	60	eP	55	26.30	-2.6X
LTX	7.04	235	eP	55	46.00	-5.0X
ALQ	7.91	283	ePn	56	04.60	1.3
			ePg	56	29.00	
GOL	9.08	315	eP	56	14.50	-5.0X

S.D. = 1.0 on 12 of 15 obs.

• SEP 18, 1985 18h 40m 51.83± 1.80s
17.841 S ±26.7km 173.899 W ±10.0km
DEPTH = 127.1 ± 18.3 km
4.6mb (7 obs.)
TONGA ISLANDS (173)

VUN	7.27	268	ePd	42	37.00	0.1
SVA	7.28	267	eP	42	38.00	1.0
SGE	7.80	271	eP	42	45.10	1.0
DZM	18.95	254	iPd	45	04.50	-1.3
NOU	18.98	253	iPd	45	06.20	0.1
KOU	20.78	259	iPc	45	27.30	2.8X
PMO	25.09	87	iP	46	05.90	-0.4
	0.9s		25.00nm			4.7mb
VAH	25.31	88	iP	46	07.50	-0.8
	0.9s		30.00nm			4.8mb
TPT	25.36	87	iP	46	08.20	-0.6
	0.9s		20.00nm			4.6mb
RUV	25.55	88	iP	46	09.90	-0.6
	0.9s		35.00nm			4.9mb
BRS	32.11	247	iPc	47	07.20	-2.0
CTA	37.69	260	iPc	47	53.70	-3.0
	0.9s		8.40nm			4.6mb
WRA	48.86	259	iPc	49	23.20	-3.5X
SPA	72.27	180	eP	52	07.60	2.6
	1.0s		4.50nm			4.2mb
ALQ	82.73	50	eP	53	03.50	0.4
COL	84.87	11	eP	53	12.00	-1.0
	0.9s		6.72nm			4.5mb
NAI	144.30	241	ePKP	00	16.00	0.4
	1.5s		83.33nm			
KSP	146.08	348	ePKP	00	18.00	0.8
			e	00	46.50	
CLL	146.16	352	iPKP	00	18.30	1.0
			e	00	47.00	
PRU	147.22	350	ePKP	00	21.10	2.1
KHC	148.21	351	iPKPc	00	24.50	3.8X
			e	00	54.20	

S.D. = 1.5 on 18 of 21 obs.

SEP 18, 1985 19h 20m 41.40± 0.48s
18.052 S ± 7.4km 178.403 W ± 5.2km
DEPTH = 564.1 ± 6.3 km
5.0mb (25 obs.)
FIJI ISLANDS REGION (181)

VUN	2.98	270	ePc	21	58.20	0.2
SGE	3.53	277	iPd	22	02.50	0.8
			eS	23	07.00	
NDF	3.96	274	ePc	22	06.60	2.1
AFI	7.59	58	P	22	33.00	-3.4
			S	24	02.00	
DZM	14.79	252	iPc	23	48.10	-0.1
			iS	26	25.10	
NOU	14.84	251	iPc	23	48.00	-0.6
			iS	26	26.20	
KOU	16.53	259	iPc	24	06.40	1.3
			iS	26	58.10	
KRP	20.50	194	P	24	43.40	1.0
GNZ	20.75	188	(P)	24	45.30	0.6
VSG	22.97	289	eP	25	06.00	0.9
WEL	23.89	193	P	25	11.90	-1.2
TCW	23.92	194	P	25	11.50	-1.9
AFR	27.25	93	iP	25	42.70	-0.2
	0.6s		65.00nm			5.4mb
PAE	27.43	94	iP	25	44.20	-0.2
	0.6s		65.00nm			5.4mb
TBI	27.55	106	iP	25	47.00	1.5
	0.8s		70.00nm			5.3mb
PPN	27.58	93	iP	25	45.50	-0.2
	0.6s		35.00nm			5.2mb
TVO	27.73	94	iP	25	47.10	0.0
	0.6s		60.00nm			5.4mb
MSZ	28.91	200	P	25	56.90	-0.1
PMO	29.39	89	iP	26	01.20	-0.2
	0.6s		40.00nm			5.2mb
VAH	29.60	89	iP	26	02.70	-0.5
	0.6s		30.00nm			5.1mb
TPT	29.65	89	iP	26	03.30	-0.4
	0.6s		30.00nm			5.1mb
RUV	29.84	89	iP	26	04.90	-0.4
	0.6s		60.00nm			5.4mb
RMQ	31.46	249	eP	26	19.00	0.0
CTA	33.43	261	iPd	26	35.00	-0.6
	1.0s		35.00nm			4.9mb
CAN	33.62	233	iPd	26	37.60	0.5
YOU	33.72	235	eP	26	38.50	0.6
WAM	34.04	231	iPd	26	41.80	1.2
PMG	34.49	280	ePd	26	45.00	0.5
	0.9s		100.84nm			5.4mb
CMS	34.96	241	iPd	26	48.40	0.2
TOO	37.08	231	iPd	27	06.90	1.3
	1.0s		129.00nm			5.5mb
TAU	38.14	222	iPd	27	14.90	0.8
RKT	40.86	105	eP	27	31.00	-5.3X
ADE	41.56	237	iPd	27	41.90	0.0
	0.5s		28.17nm			5.1mb
WRA	44.61	260	iPd	28	04.50	-1.3
ASPA	44.76	254	iPd	28	06.10	-0.9
			e(PcP)	34	01.00	
DRV	55.53	199	eP	29	25.30	-0.1
KLG	55.63	245	eP	29	25.00	-1.7
	0.4s		8.00nm			4.4mb
MEK	58.45	249	eP	29	44.00	-2.0
KLB	58.77	244	eP	29	46.00	-2.0
	0.5s		28.00nm			4.8mb
RKG	59.29	241	eP	29	50.00	-1.5
BAL	59.73	245	eP	29	52.90	-1.5
MUN	60.06	243	iPc	29	55.50	-1.1
	0.8s		28.00nm			4.6mb
SBA	60.28	184	iPd	29	59.00	1.8
	1.2s		56.25nm			4.8mb
MRWA	60.45	246	eP	29	57.00	-2.2
	0.4s		5.00nm			4.2mb
NAU	61.72	254	eP	30	06.70	-0.8
	0.4s		19.00nm			4.8mb
SPA	72.06	180	iPd	31	11.20	1.1
	1.0s		50.50nm			5.0mb
SYP	76.26	46	eP	31	35.00	1.0
PRS	76.33	44	eP	31	34.70	0.5
PRI	76.69	45	eP	31	37.10	0.8
MHC	76.73	43	eP	31	36.80	0.3
RVR	77.79	48	eP	31	42.00	-0.1
FRI	77.80	44	eP	31	42.50	0.4
PLM	77.82	49	eP	31	41.00	-1.6
SBB	77.84	47	iP+	31	42.00	-0.5
WDC	78.05	40	eP	31	43.80	0.4
ORV	78.10	41	eP	31	43.60	-0.1
CLC	78.60	46	eP	31	47.00	0.6
CWC	78.60	46	eP	31	37.00	-9.6X
GSC	78.87	47	eP	31	46.00	-2.0
GLA	79.14	50	eP	31	50.00	0.7
MNA	79.62	44	eP	31	52.50	0.6
EUR	81.62	44	iP	32	02.20	0.0
	0.5s		6.92nm			4.4mb
MAW	83.73	200	eP	32	13.00	1.0
PNT	84.85	34	eP	32	18.00	0.3
	1.6s		13.00nm			4.3mb
COL	85.95	13	iP	32	21.50	-1.1
LTX	86.07	58	eP	32	25.60	1.5
	1.0s		14.00nm			4.6mb
ALQ	86.18	52	eP	32	24.50	-0.2
	1.1s		6.96nm			4.3mb
SNA	91.83	179	eP	32	50.80	0.8
	1.0s		72.00nm			5.7mb
BLF	127.44	207	ePKP	38	42.00	-2.6
SOB1	130.06	119	e(PKP)	38	49.00	-0.8
BUL	133.70	216	iPKPc	38	57.30	0.6
	0.7s		3.77nm			
MTD	134.51	222	iPKPc	39	01.00	2.8
KRI	135.70	220	ePKP	39	01.00	0.4
KRA	144.84	339	ePKP	39	15.30	-0.4
KSP	145.25	344	iPKPd	39	07.30	-9.0X
CLL	145.60	347	iPKP	39	17.90	1.0
	1.0s		25.00nm			
WTS	145.88	354	ePKPc	39	18.50	1.2
MLR	145.96	329	iPKPd	39	20.80	3.0X
LWI	146.47	236	iPKPd	39	22.80	3.1X
PRU	146.49	345	PKPd	39	20.50	2.2
			e	39	23.30	
MOX	146.51	348	ePKP	39	20.00	1.6
	1.7s		27.00nm			
			e	39	33.00	
ENN	147.18	355	iPKPc	39	22.50	3.1X
	0.8s		10.00nm			
			e	39	25.00	
MEM	147.33	355	PKP	39	22.80	3.2X
ZST	147.38	341	ePKP	39	23.40	3.6X
GRF	147.50	348	ePKP	39	23.40	3.4X
KHC	147.52	345	PKP	39	20.00	-0.1
			i	39	23.50	
			e	41	37.50	
DOU	147.94	356	PKPc	39	24.30	3.6X
WLF	148.25	354	PKPd	39	25.60	4.5X
FLN	149.32	3	ePKP	39	27.30	4.5X
CDF	149.37	353	ePKP	39	27.80	4.8X
KBA	149.48	344	iPKPc	39	27.40	4.0X
	0.6s		7.40nm			
			i	39	31.20	
			i	39	36.00	
LDF	149.50	2	ePKP	39	27.70	4.6X
GRR	149.68	3	ePKP	39	28.50	5.2X
HAU	149.87	354	ePKP	39	29.00	5.3X
BSF	150.00	353	ePKP	39	29.20	5.2X
LPF	150.02	4	ePKP	39	29.20	5.3X
LJU	150.10	342	e(PKP)	39	29.50	5.4X
			e	41	42.00	
VOY	150.29	343	ePKP	39	29.20	4.7X
SKO	150.76	329	iPKP	39	30.00	4.8X
LOR	150.80	357	iPKPd	39	31.00	5.9X

18d 19h

GRC 150.81 358 iPKPd 39 31.30 6.2X
SSF 151.03 357 iPKPd 39 31.60 6.2X
LBF 151.08 357 iPKPd 39 31.60 6.0X
AVF 151.30 357 ePKP 39 32.00 6.2X
SMF 151.43 357 ePKP 39 32.60 6.5X
MFF 151.49 3 ePKP 39 32.60 6.5X
BGF 151.56 358 iPKPd 39 32.80 6.6X
OHR 151.72 328 ePKP 39 33.00 6.3X
TCF 151.84 359 iPKPd 39 33.40 6.7X
LSF 151.88 0 iPKPd 39 33.30 6.6X
MZF 151.90 359 ePKP 39 33.90 7.1X
LPG 152.30 352 ePKP 39 35.30 7.6X
RJF 152.83 0 ePKP 39 35.60 7.5X
CAF 153.20 359 ePKP 39 36.50 7.9X
BNG 158.60 233 iPKPd 39 35.60 -0.8
0.7s 6.00nm
ic 40 16.00
S.D. = 1.2 on 78 of 115 obs.

% SEP 18, 1985 21h 13m 12.57± 5.75s
39.071 N ±17.4km 25.996 E ±51.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN 0.80 19 iPg 13 27.80 -0.2
iSg 13 43.30
IZM 1.20 124 iPn 13 34.90 0.0
KGT 1.71 36 ePn 13 42.80 0.3
EDC 1.92 48 ePn 13 46.00 0.4
BNT 1.96 49 ePn 13 46.00 -0.2
KCT 2.17 56 ePn 13 49.00 -0.2
S.D. = 0.3 on 6 of 6 obs.

& SEP 18, 1985 22h 42m 09.16s
59.095 N 152.592 W
DEPTH = 77.4km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM 0.50 347 iP 42 22.41 -0.5
eS 42 33.21
CNPM 0.71 103 iP 42 24.28 -0.7
PDB 0.82 277 iP 42 25.34 -0.8
iS 42 37.98
RDT 0.89 6 iP 42 26.20 -0.8
iS 42 40.23
SLKM 1.44 55 eP 42 33.13 -0.9
SPU 1.52 10 iP 42 34.34 -0.7
iS 42 54.04
SEW 1.64 74 eP 42 36.18 -0.4
CGLM 1.64 10 iP 42 36.28 -0.5
KDC 1.95 178 eP 42 38.31 -2.6
PTE 2.13 55 eP 42 41.91 -1.4
PMS 2.16 43 iP 42 43.21 -0.6
PWL 2.42 59 iP 42 45.46 -1.9
KNIM 2.52 73 eP 42 46.30 -2.5
KNK 2.67 48 eP 42 48.90 -1.9
GHO 2.75 39 eP 42 50.47 -1.6
eS 43 21.53
CFI 2.82 56 iP 42 50.75 -2.0
SML 2.98 43 iP 42 53.48 -1.6
GLI 2.98 64 eP 42 52.21 -2.9
VZW 3.30 63 eP 42 57.08 -2.4
VLZ 3.42 62 eP 42 58.81 -2.4
KLU 3.75 58 iP 43 03.44 -2.5
21 obs. associated

• SEP 18, 1985 23h 23m 13.95± 2.60s
58.953 S ± 9.7km 26.537 W ± 7.3km
DEPTH = 122.8 ± 25.4 km
4.7mb (4 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SNA 15.25 148 eP 26 43.30 -0.2
SPA 31.22 180 eP 29 22.90 -0.4
1.0s 14.50nm 4.7mb
PCH 38.51 291 eP 30 25.70 0.2
FCH 38.64 292 iPd 30 27.50 0.6
TACH 38.69 291 eP 30 26.60 -0.3
BACH 38.71 292 eP 30 27.00 -0.2
PEL 38.98 292 iPc 30 29.30 -0.1
ROCH 39.28 292 eP 30 32.00 -0.1
SBA 43.20 184 iPc 31 03.80 0.4
0.8s 7.46nm 4.5mb
TPZ 46.74 306 P 31 33.60 1.0
CCH 50.56 308 P 32 02.00 0.0
SOB1 50.83 342 eP 32 03.20 -0.4
e 32 06.00
e 32 09.50
ITR 50.89 345 iPc 32 03.70 -0.4
e 32 09.40
e 32 17.90
LPB 52.13 306 P 32 14.80 0.8
ZOBO 52.38 306 iPc 32 15.30 -0.7
BUL 55.18 70 iPc 32 36.10 0.2
0.7s 8.56nm 4.8mb
KRI 58.50 69 iPc 32 58.00 -1.4
ATB 59.00 330 Pc 33 01.60 -1.0
MTD 59.50 71 iPc 33 08.00 1.8
KIC 67.41 24 eP 33 58.30 0.5
BNG 72.59 48 iPc 34 30.00 0.7
0.6s 23.00nm 5.1mb
HFS 122.84 23 ePKP 41 53.20 -2.0X
0.5s 1.50nm
SUF 127.90 28 ePKP 42 04.00 -0.9
KJF 129.53 27 ePKP 42 07.00 -1.0
SOD 131.94 25 iPKP 42 11.80 -0.7
YKC 138.47 316 ePKP 42 22.80 -2.2X
0.4s 5.00nm
YKA 138.53 316 ePKP 42 24.00 -1.1X
INK 148.23 318 iPKPc 42 43.10 1.6
S.D. = 0.9 on 25 of 28 obs.

SEP 18, 1985 23h 53m 18.53± 0.25s
47.801 N ± 7.0km 154.016 E ± 4.5km
DEPTH = 33.0km (normal)
4.8mb (18 obs.) 4.6Msz (1 obs.)
KURIL ISLANDS (221)

TSK 15.49 227 eP 56 54.30 -1.8
DDR 16.12 228 eP 57 03.40 -0.8
MAT 16.21 232 (P) 57 06.00 0.7
0.8s 18.66nm 4.3mb
Z 20s 1.24um 5.3Msz
MDJ 17.18 268 eP 57 20.00 2.5
S 00 36.00
CN2 20.26 269 Pd 57 51.40 -2.3
eS 01 34.00
SHK 20.74 238 eP 57 59.50 0.8
SNY 22.31 266 eP 58 14.80 0.4
BJI 28.11 268 eP 59 09.50 0.3
eS 03 45.00
NJ2 30.90 252 Pc 59 35.00 0.9
COL 34.96 39 iP 00 09.20 0.2
1.3s 75.96nm 5.5mb
INK 40.44 33 eP 00 55.00 0.2
CD2 41.58 265 eP 01 05.20 0.4
GYA 42.54 257 P 01 13.00 0.2
KMI 46.04 259 eP 01 40.00 -1.0
pP 01 49.00 30kmX
YKA 49.72 37 eP 02 13.00 4.1X
SHL 53.01 268 iP 02 33.00 -1.6
PNT 54.10 54 eP 02 41.00 -1.0
EDM 55.15 47 iP 02 49.00 -0.7
KKN 56.00 275 eP 02 56.60 0.2
0.6s 8.00nm 4.9mb
PKI 56.06 275 eP 02 56.40 -0.6
DMN 56.24 275 eP 02 58.10 -0.1
0.8s 23.00nm 5.3mb
WDC 57.51 64 ePd 03 07.20 0.5
SES 57.97 49 eP 03 09.00 -0.9
ORV 58.77 64 ePd 03 15.20 -0.3
FFC 59.54 41 iPc 03 20.00 -0.7
1.3s 19.00nm 5.1mb
LRM 60.07 54 eP 03 24.50 -0.3
JAS1 60.44 65 iPd 03 27.40 0.3
PRS 60.87 67 eP 03 30.00 0.0
LLA 60.96 66 e(P) 03 30.80 0.2
PRI 61.43 67 eP 03 36.00 2.0
FRI 61.48 65 e(P) 03 35.70 1.6
MNA 61.49 63 ePd 03 34.70 0.3
EUR 62.12 61 iP 03 38.80 0.1
SUF 62.30 336 eP 03 42.00 2.7
CWC 62.83 65 eP 03 29.00 -14.4X
CLC 63.53 65 eP 03 47.00 -0.9
BDW 63.62 55 eP 03 48.70 0.1
0.7s 5.16nm 4.7mb
SBB 64.14 66 eP 03 52.00 0.2
MWC 64.30 67 eP 03 41.00 -12.1X
GSC 64.36 65 eP 03 53.00 -0.3
RSSD 65.68 51 eP 04 01.80 -0.1
0.6s 14.31nm 5.2mb
QUE 66.46 289 eP 04 08.00 1.0
NB2 67.43 341 P 04 11.00 -1.5
0.7s 1.60nm 4.2mb
HFS 67.68 340 eP 04 12.10 -1.9
0.5s 2.60nm 4.6mb
Z 21s 0.35um 4.6Msz
LR 29 30.00
WRA 69.71 200 eP 04 26.70 -0.2
ALQ 70.77 59 eP 04 33.00 -0.6
0.8s 4.85nm 4.6mb
ASPA 73.40 199 eP 04 50.00 1.0
0.8s 23.00nm 5.2mb
CLL 75.76 336 eP 05 03.00 0.7
TUL 75.97 52 iPd 05 03.50 -0.3
0.8s 16.20nm 5.1mb
RLO 76.18 51 iPd 05 04.70 -0.3
VVO 76.44 52 e(P) 05 06.70 0.3
LTX 76.44 61 eP 05 07.30 0.6
0.7s 10.32nm 5.0mb
KHC 77.56 335 iP 05 12.40 0.0
e 05 27.20
GRF 77.71 336 e(P) 05 27.00 13.8X
KBA 79.47 334 iPd 05 23.30 0.2
0.8s 12.90nm 5.0mb
i 05 37.80
CDF 79.91 338 eP 05 24.80 -0.5
HAU 80.52 339 eP 05 28.10 -0.4
BSF 80.57 338 eP 05 28.20 -0.7
LOR 81.80 340 eP 05 34.90 -0.3
LBF 82.04 340 eP 05 36.00 -0.5
SSF 82.08 340 eP 05 36.40 -0.2
AVF 82.37 340 eP 05 38.20 0.1
SMF 82.40 340 eP 05 38.40 0.1
0.8s 4.00nm 4.5mb
BGF 82.71 340 eP 05 39.80 -0.1
LPG 82.75 337 eP 05 41.00 0.5
0.6s 2.70nm 4.5mb
MZF 83.09 340 eP 05 42.60 0.7
0.8s 3.00nm 4.4mb
TCF 83.10 341 eP 05 42.30 0.3
LSF 83.29 341 eP 05 43.30 0.4
0.8s 2.40nm 4.4mb
FRF 84.58 337 eP 05 49.20 -0.3
LMR 84.83 337 eP 05 50.80 0.1
S.D. = 0.9 on 66 of 70 obs.

SEP 18, 1985 23h 58m 25.03± 0.41s
49.381 S ± 8.9km 8.069 W ± 7.7km
DEPTH = 10.0km (geophysicist)
4.6mb (4 obs.)
SOUTH ATLANTIC RIDGE (410)

SNA 21.18 175 eP 03 11.00 -1.3
TUH 25.80 62 eP 04 02.50 4.8X
CER 25.84 62 iPc 04 02.00 3.9X
0.5s 5.41nm 4.5mb
SEK 34.39 66 eP 05 14.50 0.0
1.0s 30.00nm 5.2mb
EVA 36.60 65 eP 05 33.00 -0.3
MAW 38.66 145 eP 05 50.00 0.2
SPA 40.81 180 eP 06 08.90 0.9
1.1s 11.90nm 4.5mb
BUL 41.27 58 eP 06 11.20 -0.9
e 12 45.90
KRI 44.51 57 eP 06 37.00 -1.5
e 13 19.20
MTD 45.64 59 eP 06 48.00 0.5
e 13 23.70
BAO 46.72 302 e(P) 06 55.70 -0.3
ITR 47.78 318 eP 07 03.80 -0.5
e 07 09.30
SOB1 48.51 314 eP 07 10.40 0.4
e 07 15.70
SLA 50.59 277 ePd 07 25.20 -0.9
SBA 53.00 179 eP 07 43.90 0.5
1.0s 9.00nm 4.7mb
TPZ 53.05 280 P 07 46.10 1.2
KIC 55.58 4 eP 08 03.40 0.5
CCH 56.31 283 P 08 08.00 -0.6
LPB 58.18 282 P 08 22.00 0.0
Z 23s 1.14um 4.9MszX
LR 26 15.00
ZOBO 58.39 282 P 08 22.20 -1.5
ATB 59.25 306 Pc 08 28.50 -0.4
IFR 82.57 2 iP 10 51.00 1.7
INK 147.52 326 ePKP 18 09.00 2.3
0.7s 19.00nm
pP 18 15.00
MAT 152.43 105 ePKP 18 22.00 6.8X

S.D. = 1.1 on 21 of 24 obs.

? SEP 19, 1985 00h 04m 59.75± 1.09s
49.337 S ±19.9km 8.129 W ±20.2km
DEPTH = 10.0km (geophysicist)
4.7mb (2 obs.) 5.1Msz (1 obs.)
SOUTH ATLANTIC RIDGE (410)

SEK	34.41	66	eP	12 05.00	15.7X
	0.9s	8.40nm			
SPA	40.85	180	eP	12 43.00	0.0
	1.0s	8.00nm		4.4mb	
			e	14 43.00	
ITR	47.72	318	eP	13 38.00	-0.6
SLA	50.55	277	ePd	14 00.20	-0.3
TPZ	53.00	280	eP	14 20.00	0.7
SBA	53.04	179	e(P)	14 09.40	-9.0X
CCH	56.26	283	eP	14 44.00	1.0
LPB	58.14	282	(P)	15 08.00	11.6X
Z	20s	1.42um		5.1Msz	
			LR	34 45.00	
ZOBO	58.35	282	eP	14 56.00	-2.1
			LR	26 20.00	
BNG	58.35	32	iPc	14 56.00	-1.4
	0.9s	14.00nm		5.0mb	
			id	15 04.60	
ARE	60.37	279	e(P)	15 12.00	0.3
IFR	82.53	3	iP	17 26.00	2.2

S.D. = 1.5 on 9 of 12 obs.

SEP 19, 1985 00h 21m 57.00± 0.41s
49.426 S ±10.5km 8.049 W ± 6.8km
DEPTH = 10.0km (geophysicist)
5.0mb (2 obs.)
SOUTH ATLANTIC RIDGE (410)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 19C
Centroid Location:
Origin Time 00:22: 1.5 1.0
Lat 49.52S 0.10 Lon 8.23W 0.16
Dep 10.0 FIX Half-duration 1.7
Moment Tensor; Scale 10**24 D-CM
Mrr=-1.61 0.11 Mtt=-0.02 0.20
Mff= 1.63 0.20 Mrt=-0.58 0.54
Mrf=-1.14 0.58 Mtf=-0.13 0.12
Principal Axes:

T	Val= 1.99	Plg=18	Azm= 92
N	0.15	14	186
P	-2.13	67	313

Best Double Couple:Mo=2.1*10**24
NP1:Strike=160 Dip=30 Slip=-120
NP2: 13 64 -74

SNA	21.13	175	eP	26 43.30	-0.5
TUH	25.81	62	e	27 30.00	0.2
CER	25.85	62	e(P)	27 32.00	1.8
BLF	32.97	65	eP	28 16.00	-18.1X
WIN	33.35	46	e(P)	28 47.50	10.0X
	1.2s	26.56nm			
SEK	34.40	66	eP	28 45.50	-1.0
	1.0s	15.00nm		4.9mb	
EVA	36.61	65	eP	28 54.50	-10.8X
RDJ	38.26	301	eP	29 30.40	11.4X
SPA	40.76	180	e(P)	29 40.00	0.4
BUL	41.29	58	eP	29 44.50	0.3
			e	31 26.20	
KRI	44.52	57	eP	30 08.50	-2.1
MTD	45.65	59	eP	30 20.00	0.4
BAO	46.75	302	Pd	30 28.50	0.2
ITR	47.82	318	e(P)	30 29.00	-7.6X
			e	30 35.80	
PCH	47.99	265	eP	30 38.00	0.1
FCH	48.03	265	eP	30 38.50	0.0
BACH	48.14	265	eP	30 39.50	0.4
PEL	48.40	265	iPc	30 41.00	0.0
SOB1	48.55	314	eP	30 38.20	-4.1X
SLA	50.61	277	ePd	30 57.80	-0.4
TPZ	53.07	280	eP	31 17.50	0.5
KIC	55.63	4	eP	31 35.10	-0.1
CCH	56.33	283	eP	31 41.00	0.3
BNG	58.40	32	iPc	31 53.70	-1.3
	1.0s	25.00nm		5.2mb	
			id	32 06.80	
ZOBO	58.42	282	P	31 54.10	-1.7
Z	25s	1.23um		4.9MszX	
			LR	49 48.00	
ARE	60.43	279	eP	32 09.00	-0.4
IFR	82.62	2	iPc	34 23.00	1.5
INK	147.56	326	ePKP	41 40.00	1.3
MAT	152.41	105	ePKP	41 51.00	3.8X

S.D. = 1.0 on 22 of 29 obs.

* SEP 19, 1985 02h 34m 28.52± 0.77s
24.166 N ±10.9km 125.215 E ± 8.5km
DEPTH = 33.0km (normal)
4.9mb (6 obs.)
SOUTHWESTERN RYUKYU ISLANDS (246)

MYK	0.62	6	iPd	34 40.60	-0.2
			iS	34 48.50	
ISI	0.97	280	eP	34 47.00	1.2
			S	35 01.80	
TWC	3.10	279	eP	35 17.50	1.3
TWD	3.31	269	eP	35 19.00	-0.2
ANP	3.51	288	eP	35 27.00	4.8X
TWF1	3.68	258	iPc	35 23.30	-1.2
TWG	4.03	251	iPc	35 28.00	-1.5
MAT	16.65	39	eP	38 22.00	1.1
CHG	25.00	263	eP	39 52.50	1.6
PKI	35.87	284	eP	41 28.10	0.2
KKN	35.97	284	eP	41 29.10	0.5
	0.8s	23.00nm		5.2mb	
DMN	36.14	284	eP	41 30.50	0.5
	0.8s	17.00nm		5.0mb	
WRA	44.74	168	eP	42 41.30	0.6
KEV	70.35	339	eP	45 45.00	4.4X
SOD	71.18	336	iP	45 45.00	-0.7
KJF	71.71	333	iP	45 47.90	-1.0
	0.6s	14.30nm		5.2mb	
SUF	72.84	332	iP	45 54.70	-0.9
	0.6s	5.10nm		4.7mb	
UPP	77.75	331	iP	46 32.70	9.2X
HFS	79.35	332	eP	46 31.50	-0.6
	0.4s	2.50nm		4.6mb	
NB2	79.93	333	P	46 34.90	-0.6
	0.8s	3.60nm		4.4mb	

S.D. = 1.0 on 17 of 20 obs.

SEP 19, 1985 04h 54m 22.23± 0.89s
39.583 N ± 7.7km 18.486 E ± 6.6km
DEPTH = 10.0km (geophysicist)
3.7mb (1 obs.)
SOUTHERN ITALY (390)
ML 4.1 (ATH).

VLS	2.16	130	iPnd	54 58.80	0.0
			eSg	55 30.70	
OHR	2.34	48	iPn	55 01.30	0.0
ULC	2.45	13	ePn	55 06.50	3.6X
			e(Sn)	55 41.00	
KZN	2.63	73	ePn	55 06.10	0.6
HCY	2.86	0	ePn	55 09.00	0.3
TTG	2.90	11	ePn	55 09.50	0.2
			e(Sn)	55 44.00	
SKO	3.27	42	iPn	55 14.00	-0.6
			iPg	55 23.00	
			iSn	55 50.50	
			iSg	56 01.50	
BRY	3.31	1	ePn	55 16.40	1.1
VAY	3.57	60	iPn	55 18.40	-0.3
ATH	4.39	110	ePn	55 30.30	-0.2
MMB	4.47	62	eP	55 31.00	-0.5
VTS	4.67	48	iP	55 34.00	-0.3
KDZ	5.61	66	iP	55 49.00	1.2
PVL	6.16	53	eP	55 55.00	-0.4
TRI	7.04	332	ePn	56 08.50	0.7
			iSn	57 25.40	
			i	58 09.90	
			i	58 37.00	
LJU	7.08	337	e(Pn)	56 13.10	4.8X
	1.2s	220.00nm		6.2mb X	
			e	56 15.60	
			eSn	57 28.10	
LJU	7.08	337	ePn	56 06.90	-1.4
KBA	8.37	335	i(Pn)	56 32.30	5.7X
	1.1s	31.30nm		5.5mb X	
			i	56 41.60	
			i(Sn)	58 01.20	
			i	59 44.80	
KHC	10.17	341	eP	56 51.00	-0.2
			e	57 24.10	
			e	58 58.50	
			e	00 18.50	
HFS	20.79	353	(P)	59 06.30	0.5
	0.6s	2.30nm		3.7mb	
NUR	21.30	8	eP	59 19.00	8.0X
SUF	23.63	9	eP	59 33.00	-0.9
KJF	25.25	9	eP	59 50.00	0.4

S.D. = 0.7 on 19 of 23 obs.

* SEP 19, 1985 05h 00m 44.90± 1.27s
43.558 N ±14.0km 5.552 E ± 8.7km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.9 (LDG).

CDR	0.19	53	iPg	00 48.00	-1.2
LRG	0.60	100	Pg	00 57.60	0.6
			Sg	01 04.60	
FRF	0.80	89	Pg	01 00.50	0.1
			Sg	01 10.20	
LPG	2.12	23	Pn	01 22.80	1.7
			Sn	01 44.60	
CVF	2.63	111	Pn	01 27.50	-0.6
			Sn	01 56.70	
CAF	2.85	300	Pn	01 31.80	0.4
			Pg	01 41.40	
			Sg	02 17.10	
BGF	3.56	328	Pn	01 40.20	-1.1
			Sg	02 39.40	

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

* SEP 19, 1985 05h 08m 44.84± 1.47s
43.046 N ±16.2km 0.620 W ± 7.5km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 2.9 (LDG).

ESCF	0.05	46	Pc	08 46.26	-0.8
ATE	0.07	304	Pd	08 46.92	-0.3
OGE	0.16	41	Pc	08 47.18	-1.4
MADF	0.17	302	Pd	08 48.39	-0.4
JAU	0.18	92	Pd	08 48.37	-0.7
EPF	0.70	91	Pg	08 57.40	-1.4
			Sg	09 07.80	
MLS	1.25	93	eP	09 09.60	1.5
			eS	09 16.10	
LPO	2.09	38	Pg	09 22.70	2.3
			Sg	09 49.00	
LFF	2.13	27	Pg	09 23.60	2.7X
			Sg	09 50.20	
CAF	2.70	45	Pn	09 28.60	-0.5
			Pg	09 33.60	
			Sg	10 07.40	
RJF	2.73	34	Pg	09 34.80	5.3X
			Sg	10 08.60	
LSF	3.55	25	Pg	09 50.80	9.7X
			Sg	10 32.30	
TCF	3.82	31	Pg	09 55.30	10.3X
			Sg	10 42.20	

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

? SEP 19, 1985 06h 51m 19.38± 8.46s
32.379 S ±49.1km 71.953 W ±48.9km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.99	127	iPd	51 36.80	-0.4
JACH	1.19	105	iPc	51 40.00	0.2
PEL	1.31	126	iPd	51 41.80	0.2
			iS	51 54.60	
SAN	1.53	135	iPd	51 44.70	0.0
TACH	1.53	146	iPc	51 44.70	0.0
			iS	51 59.50	
BACH	1.57	129	iP	51 45.10	-0.2
			iS	52 01.90	
LNV	1.64	164	iPc	51 46.00	-0.2
			iS	52 03.30	
FCH	1.69	124	iPd	51 47.10	-0.2
			iS	52 05.20	
PCH	1.73	136	iPc	51 47.70	0.0
			iS	54 07.00	
CHCH	1.90	145	iPc	51 50.60	0.6
RTC8	2.82	72	e(P)	51 08.20	-55.1X
RTLL	3.14	71	ePc	51 13.30	-54.5X

S.D. = 0.3 on 10 of 12 obs.

& SEP 19, 1985 06h 53m 21.90s
61.715 N 151.525 W
DEPTH = 88.4km

19d 06h

SOUTHERN ALASKA (2)
<AGS-P>.

SKT	0.27	360	iP	53 34.47	-0.7
SUA	0.45	124	iP	53 36.58	0.1
			iS	53 47.49	
CGLM	0.47	210	iP	53 35.91	-0.7
CRP	0.54	214	iP	53 36.65	-0.6
			eS	53 47.88	
SPU	0.59	206	iP	53 36.79	-0.8
PWA	0.79	94	P	53 39.20	-0.2
NKA	0.99	172	iP	53 42.86	1.3
PMS	1.05	116	P	53 41.30	-1.2
PLRM	1.15	95	eP	53 42.38	-1.1
PMR	1.15	95	eP	53 42.69	-0.8
			eS	53 58.15	
PME	1.19	93	eP	53 43.29	-0.8
			iS	54 00.25	
RDT	1.22	201	iP	53 43.73	-0.8
			iS	54 01.23	
GHO	1.24	86	eP	53 43.72	-1.0
			iS	54 00.91	
SLKM	1.37	152	eP	53 45.15	-1.2
PTE	1.48	124	iP	53 46.62	-1.0
			iS	54 05.88	
KNK	1.50	180	iP	53 46.90	-1.1
			iS	54 06.81	
SML	1.52	85	iP	53 46.91	-1.4
MPA	1.62	139	eP	53 48.55	-0.9
ILM	1.66	203	iP	53 49.32	-0.8
NNL	1.68	176	eP	53 50.71	0.4
PWL	1.76	118	iP	53 49.89	-1.6
CFI	1.88	105	eP	53 51.23	-1.7
SEW	1.91	147	eP	53 52.03	-1.3
SVW	2.06	255	eP	53 54.00	-1.5
CNPM	2.20	176	eP	53 55.85	-1.5
LOU	2.26	122	iP	53 55.44	-2.7
GLI	2.30	109	iP	53 56.24	-2.4
KNIM	2.30	125	eP	53 55.98	-2.6
PDB	2.34	215	eP	53 58.33	-0.8
TTA	2.42	302	eP	53 58.50	-1.9
TOA	2.56	79	eP	54 01.50	-0.8
VLZ	2.56	101	eP	54 00.22	-2.0
MTU	2.57	131	iP	54 00.30	-2.0
KLU	2.69	92	iP	54 01.94	-2.1
COL	3.61	26	eP	54 14.00	-2.7
			eS	54 53.00	
FBA	3.61	26	eP	54 14.20	-2.5
GLB	3.70	91	eP	54 16.11	-1.8
MBC	18.16	24	eP	57 25.00	-4.1
	38 abs. associated				

* SEP 19, 1985 06h 56m 37.63± 1.66s
32.808 S ± 5.9km 71.557 W ±15.5km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.49	110	iPd	56 47.30	-1.0
PEL	0.81	115	iPd	56 52.40	-0.2
			i(S)	57 03.00	
JACH	0.82	81	iP	56 51.10	-1.8
SAN	0.99	131	iPd	56 55.20	0.0
			iS	57 11.00	
TACH	0.99	149	iPc	56 55.20	0.0
			iS	57 13.10	
BACH	1.05	122	iP	56 56.00	-0.1
LNV	1.15	174	iPc	56 56.80	-0.6
			iS	57 14.50	
FCH	1.18	116	iPd	56 58.00	-0.2
			iS	57 16.10	
PCH	1.19	133	iPc	56 58.60	0.5
			iS	57 18.50	
CHCH	1.35	146	iPc	57 01.20	0.8
RTCB	2.68	61	ePc	57 19.50	0.0
			S	57 56.30	
ZON	2.75	63	eP	57 22.00	1.6
RTMO	2.77	63	ePd	57 21.80	1.0
RTLL	3.01	61	iPd	57 24.00	-0.1
			S	58 05.80	
CFA	3.03	68	ePd	57 24.80	0.0
			S	58 10.00	
RFA	3.23	128	eP	57 28.30	1.0
VCA	4.08	36	ePd	57 51.50	-0.7
			S	58 57.00	
SLA	9.65	35	e(P)	58 51.00	-6.4X
S.D. = 0.9 on 17 of 18 abs.					

& SEP 19, 1985 07h 35m 03.60s
34.460 N 119.380 W
DEPTH = 15.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.4 (PAS). Felt (V) at Santa Barbara and (IV) at Summerland.

SYP	0.50	278	iPc	35 13.40	-0.2
BLP	0.85	277	eP	35 19.10	-0.4
PAS	1.05	107	iPc	35 22.00	-0.9
MWC	1.12	102	iPc	35 23.50	-0.8
SBB	1.30	79	iPc	35 26.80	-0.4
CIS	1.33	142	iPc	35 25.70	-1.9
WKTM	1.54	30	eP	35 30.30	-0.2
PHAM	1.61	329	eP	35 30.20	-1.3
SDW	1.91	85	eP	35 35.00	-1.0
VPEM	1.96	40	eP	35 36.00	-0.8
PRI	1.98	328	ePd	35 35.70	-1.3
PRS	2.48	320	ePd	35 41.60	-2.4
LLA	2.50	330	eP	35 43.50	-0.9
FRI	2.54	354	eP	35 43.70	-1.2
SAO	2.85	324	iP	35 47.30	-2.0
			e(S)	36 21.00	
JAS1	3.56	347	iPd	35 58.70	-0.7
EUR	5.71	28	iP	36 33.80	3.7
	0.3s		1.92nm		4.3mb X
	17 abs. associated				

* SEP 19, 1985 08h 06m 20.25± 1.55s
18.104 S ± 8.3km 175.606 W ±10.2km
DEPTH = 299.5 ± 13.3 km
4.9mb (23 abs.)
TONGA ISLANDS (173)

AFI	5.56	42	P	07 33.00	-12.0X
			S	08 30.00	
SVA	5.65	269	ePd	07 47.00	1.1
SGE	6.18	274	eP	07 53.20	0.7
NDF	6.62	272	eP	08 01.00	3.4X
DZM	17.31	254	iPc	10 04.20	-0.7
NOU	17.35	253	iPc	10 03.50	-1.7
KOU	19.14	259	iPc	10 22.90	-0.4
GNZ	21.21	194	(P)	10 34.20	-9.2X
			S	14 26.00	
KRP	21.22	200	P	10 46.00	2.5
MNG	23.72	197	P	11 04.50	-2.8
			S	15 21.00	
TCW	24.62	199	eP	11 14.00	-1.5
SVO	25.46	287	eP	11 31.00	7.5X
VSG	25.52	287	e(P)	11 25.00	1.0
PMO	26.73	88	eP	11 29.00	-5.8X
	1.0s		20.00nm		4.5mb
RUV	27.18	88	eP	11 32.00	-6.9X
	1.0s		35.00nm		4.8mb
MSZ	29.87	204	P	12 02.80	0.4
BRS	30.52	247	iPc	12 08.40	0.1
RMQ	33.93	249	eP	12 38.00	0.4
CAN	35.73	234	iPc	12 53.00	0.3
YOU	35.88	236	eP	12 54.40	0.4
CTA	36.04	261	iPd	12 55.00	-0.5
	0.7s		17.12nm		4.7mb
WAM	36.11	233	iPc	12 56.50	0.6
PMG	37.13	278	eP	13 05.00	0.4
CMS	37.26	242	iPd	13 05.80	0.2
	0.9s		112.00nm		5.3mb
LAT	38.17	283	eP	13 14.00	0.8
TOO	39.14	232	iPc	13 21.40	0.4
TAU	39.91	224	eP	13 27.00	-0.1
BFD	41.26	234	iPc	13 38.60	0.3
WRA	47.22	259	Pd	14 24.00	-1.7
	0.4s		20.90nm		4.8mb
ASPA	47.31	254	eP	14 26.00	-0.4
MTN	51.46	268	iPc	14 56.60	-1.3
	0.8s		82.00nm		5.2mb
SBA	60.41	184	eP	16 02.00	1.8
	0.8s		5.22nm		4.1mb
MBL	60.52	256	iPd	16 01.00	-0.8
MEK	60.92	249	eP	16 03.50	-1.0
	0.6s		16.00nm		4.7mb
KLB	61.12	243	iPc	16 04.80	-0.9
	0.7s		48.00nm		5.1mb
NWAO	61.47	242	eP	16 07.00	-1.0
	0.7s		8.00nm		4.4mb
RKG	61.59	241	eP	16 08.00	-0.7
BAL	62.11	244	iPc	16 11.40	-0.8
	0.4s		14.00nm		4.9mb

MUN	62.41	243	iPd	16 13.40	-0.8
	0.7s		38.00nm		5.1mb
MRWA	62.87	246	eP	16 16.00	-1.2
NAU	64.26	253	iPd	16 26.00	-0.2
	0.4s		53.00nm		5.6mb
MAT	69.68	322	iPd	16 58.60	-1.1
	0.8s		40.30nm		5.2mb
SPA	72.01	180	eP	17 14.20	0.9
	0.8s		4.17nm		4.2mb
LEM	75.37	268	ePd	17 34.00	0.5
	1.0s		90.00nm		5.5mb
MDJ	79.90	324	eP	17 57.00	-0.3
CN2	81.82	321	eP	18 07.00	-0.3
KGM	82.14	275	eP	18 09.00	-0.6
PNT	83.42	33	eP	18 13.00	-2.3
	0.8s		10.00nm		4.7mb
LTX	83.86	57	eP	18 17.70	-0.4
	0.9s		3.42nm		4.2mb
ALQ	84.14	51	eP	18 18.00	-1.5
	1.0s		5.50nm		4.3mb
MAW	84.57	199	eP	18 22.00	1.2
IPM	85.12	276	ePd	18 24.10	-0.5
	0.9s		64.40nm		5.5mb
COL	85.44	12	iPd	18 23.40	-1.6
	0.7s		43.49nm		5.4mb
			e	19 31.00	284kmX
PSI	86.52	274	iPd	18 32.40	1.0
	1.0s		105.20nm		5.7mb
TIY	87.39	311	eP	18 36.10	1.0
GYA	87.46	299	P	18 37.00	1.2
XAN	88.51	306	Pc	18 41.80	1.3
EDM	88.88	32	eP	18 40.00	-1.8
INK	91.39	14	eP	18 51.00	-1.9
CHG	91.58	289	iPd	18 57.00	2.1
	0.9s		10.08nm		4.8mb
KEV	126.52	350	ePKP	24 45.00	-3.6X
KJF	131.29	347	iPKP	24 56.80	-1.0
	0.6s		10.40nm		
SUF	132.93	347	ePKP	25 00.00	-0.9
	0.5s		2.30nm		
BUL	135.17	213	ePKP	25 06.00	-0.7
	0.7s		3.42nm		
NUR	135.23	346	ePKP	24 52.00	-13.4X
NUR	135.23	346	iPKP	25 06.00	0.6
	0.8s		20.50nm		
NB2	136.84	355	PKP	25 06.20	-2.3
	0.9s		3.50nm		
NAI	142.74	242	iPKPd	25 20.00	-0.8
	0.8s		44.70nm		
WIT	145.32	358	ePKPc	25 24.50	0.9
KRA	145.77	342	ePKP	25 24.90	0.4
WTS	146.13	357	iPKPc	25 26.10	1.1
	1.1s		42.00nm		
CLL	146.17	350	iPKPd	25 26.00	0.9
	1.3s		72.00nm		
BRG	146.43	349	iPKP	25 26.00	0.4
			i	25 27.10	
			i	25 32.80	
VRI	146.68	331	ePKP	25 26.00	-0.1
MOX	147.02	352	iPKPc	25 29.00	2.5
PRU	147.16	348	PKP	25 29.50	2.8
	1.0s		21.70nm		
			e	25 31.50	
ENN	147.39	358	ePKP	25 29.50	2.5
	0.9s		23.00nm		
MEM	147.54	358	PKPc	25 30.00	2.7
GRF	148.01	352	ePKP	25 31.60	3.4X
			e	25 34.80	
DOU	148.08	360	PKP	25 31.60	3.4X
			i	25 34.50	
HRI	148.12	304	ePKP	25 29.50	0.5
KHC	148.17	349	ePKP	25 28.50	0.0
			e	25 32.20	
			e	26 42.50	
COZ	148.17	333	ePKPc	25 33.00	4.2X
ZST	148.25	344	iPKPd	25 32.80	4.3X
WLF	148.48	358	PKPd	25 33.00	4.2X
LWI	148.59	232	iPKPd	25 35.50	5.1X
SOP	148.86	344	ePKP	25 33.80	4.3X
	0.9s		27.90nm		
CLO	149.02	334	iPKPd	25 34.00	4.1X
JER	149.05	302	iPKP	25 35.50	5.1X
FLN	149.16	6	ePKP	25 33.70	3.8X
LDF	149.37	6	ePKP	25 34.20	3.9X
GRR	149.49	7	ePKP	25 34.60	4.2X
PRNI	149.65	299	iPKP	25 37.00	5.7X
LPF	149.82	7	ePKP	25 35.30	4.4X

KBA 150.18 348 iPKPd 25 36.00 4.2X
0.9s 24.10nm
i 25 52.50
SAX 150.65 353 ePKPd 25 37.70 5.1X
GRC 150.87 2 iPKPc 25 32.90 0.4
i 25 38.70
i 25 46.00
LOR 150.91 1 ePKP 25 38.20 5.5X
LLS 151.06 353 ePKPd 25 38.70 5.6X
OSS 151.10 352 ePKPd 25 39.30 6.1X
SSF 151.11 1 ePKP 25 38.80 5.9X
LBF 151.20 1 ePKP 25 38.90 5.8X
MFF 151.33 7 ePKP 25 38.80 5.5X
AVF 151.38 1 ePKP 25 39.00 5.7X
TRI 151.39 346 iPKPd 25 39.40 6.0X
e 25 47.80
SMF 151.53 1 ePKP 25 39.50 5.9X
BGF 151.60 2 ePKP 25 39.80 6.1X
TMA 151.83 353 iPKPd 25 40.40 6.1X
LSF 151.83 4 ePKP 25 39.80 5.8X
TCF 151.84 3 ePKP 25 40.20 6.1X
MZF 151.93 3 ePKP 25 40.50 6.3X
DIX 151.99 356 ePKPd 25 41.70 7.1X
EMS 152.03 356 ePKPd 25 41.60 7.0X
VAY 152.10 330 ePKP 25 40.40 5.9X
LPG 152.61 356 ePKP 25 43.00 7.4X
OHR 153.09 332 ePKP 25 42.70 6.7X
CAF 153.19 4 ePKP 25 43.20 7.2X
LPO 153.36 5 ePKP 25 43.50 7.3X
BNG 160.60 227 iPKPc 25 46.10 0.1
0.3s 15.00nm
i 26 30.40
S.D. = 1.3 on 74 of 119 obs.

? SEP 19, 1985 08h 34m 53.57± 1.93s
51.500 N ±45.2km 179.400 W ±14.0km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK 1.73 76 eP 35 21.50 -0.3
COL 21.08 38 eP 39 38.00 1.1
NB2 67.49 354 P 45 46.40 -1.4
0.9s 2.50nm 4.3mb
KKN 71.90 292 eP 46 16.00 0.5
0.5s 8.00nm 5.0mb
PKI 71.99 292 eP 46 16.40 0.2
0.4s 3.00nm 4.6mb
S.D. = 1.3 on 5 of 5 obs.

% SEP 19, 1985 09h 36m 24.29± 2.79s
45.721 N ±29.4km 26.807 E ±10.9km
DEPTH = 65.1 ± 26.4 km
ROMANIA (358)

VRI 0.16 339 iPc 36 33.50 -0.1
BRD 0.27 140 iPd 36 35.50 0.6
MLR 0.65 250 iPd 36 38.00 -0.6
e 02 07.00
CFR 1.09 119 eP 36 44.00 0.1
TLB 1.43 142 iPc 36 48.00 -0.5
COZ 1.78 258 iPd 36 54.00 0.5
S.D. = 0.8 on 6 of 6 obs.

? SEP 19, 1985 09h 52m 53.91± 1.89s
28.427 N ±12.0km 141.344 E ±25.1km
DEPTH = 33.0km (normal)
5.0mb (1 obs.)
BONIN ISLANDS REGION (212)

MAT 8.51 343 eP 55 02.00 4.1X
0.8s 14.93nm 5.2mb X
eS 56 48.00
MVI 9.37 256 eP 55 17.00 7.3X
eS 57 21.00
GUA 15.18 167 eP 56 36.00 8.4X
SSE 17.70 284 iP+ 56 59.00 -0.5
N 10s 1.10um
S 00 22.00
sS 00 32.00
ANP 17.99 264 eP 57 04.00 0.8
MDJ 18.68 333 eP 57 12.00 0.6
PP 57 24.00
PPP 57 36.00
DL2 19.42 308 eP 57 19.50 -0.7
SNY 19.69 317 iPc 57 25.00 1.8
sS 01 24.50

NJ2 19.76 286 Pc 57 23.00 -1.0
CN2 19.95 324 Pd 57 25.00 -0.9
sP 57 35.00
OZH 20.62 266 Pd 57 29.50 -3.5X
PP 57 50.50
TIA 21.85 297 eP 57 41.50 -4.0X
BAG 22.57 242 eP 57 51.00 -1.9
eS 01 54.00
WHN 23.57 282 P 58 01.00 -1.4
BJI 23.73 306 eP 58 04.00 0.2
epP 58 47.00
eS 02 19.00
esS 03 35.00
HKC 25.27 262 eP 58 20.00 1.3
eS 02 46.00
GZH 25.74 264 Pc 58 23.00 -0.2
TIY 25.85 298 P 58 24.60 0.4
DAV 25.94 218 eP 58 26.00 0.9
eS 02 54.00
XAN 28.21 290 eP 58 42.80 -2.9
BTO 28.37 304 Pc 58 46.00 0.8
ePP 59 40.00
QIZ 30.24 259 Pc 59 05.50 1.5
PP 00 05.00
GYA 30.78 275 P 59 10.00 1.1
LZH 32.47 293 eP 59 26.00 2.4
CD2 32.65 284 eP 59 22.80 -2.4
KMI 34.52 274 eP 59 44.00 2.4
E 12s 0.40um
PP 00 57.00
S 05 04.00
sS 05 17.00
GTA 35.88 299 eP 59 51.10 -1.8
WRA 48.56 189 Pc 01 35.30 -0.8
0.7s 10.30nm 5.0mb
KSH 54.27 300 P 02 23.00 3.8X
NDI 55.68 287 eP 02 30.00 0.6
eS 10 14.00
S.D. = 1.5 on 24 of 30 obs.

SEP 19, 1985 10h 00m 53.69± 1.12s
43.318 N ± 7.0km 21.072 E ±14.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

SKO 1.37 168 iPn 01 18.20 -0.6
i 01 19.50
iSn 01 35.50
SSR 1.62 17 eP 01 22.00 -0.4
VTS 1.72 114 iP 01 24.00 0.2
CLO 2.15 35 iPd 01 30.50 0.4
OHR 2.21 185 ePn 01 31.60 0.5
VAY 2.28 150 iPn 01 37.40 5.4X
MMB 2.62 130 eP 01 43.00 6.2X
PVL 3.00 92 iPc 01 42.00 -0.1
COZ 3.09 48 ePd 01 48.00 4.5X
KDZ 3.58 116 iP 02 01.00 10.6X
VRI 4.78 56 ePc 02 17.00 9.6X
S.D. = 0.6 on 6 of 11 obs.

SEP 19, 1985 10h 54m 48.27± 0.25s
28.130 S ± 3.3km 70.745 W ± 6.1km
DEPTH = 53.8km (19 depth phases)
5.1mb (15 obs.)
CENTRAL CHILE (136)
Felt (V) in the Vina del Mar
area. Also felt at Santiago.

VCA 2.32 106 iPc 55 29.00 4.1X
S 56 36.00
RTCB 3.75 154 iPd 55 46.80 1.7
S 56 04.00
RTLL 3.75 149 ePd 55 46.60 1.5
RTMQ 3.82 152 ePc 55 48.00 2.0
ZON 3.85 153 eP 55 48.00 1.5
CFA 4.09 148 ePd 55 51.00 1.1
S 56 39.00
RTCV 4.18 153 ePd 55 52.10 1.0
CYA 4.38 95 iPd 55 54.50 0.6
S 56 40.00
ANT 4.42 4 eP 55 52.00 -2.3
iS 56 49.50
JACH 4.54 178 iPd 55 56.00 -0.2
i 55 58.00
i(S) 56 25.90
FSA 4.69 65 iPc 56 01.50 3.4X
ROCH 4.83 183 eP 55 59.40 -1.1

OAS 5.00 11 eP 56 04.50 1.8
FCH 5.20 176 eP 56 06.00 0.3
iS 57 09.00
BACH 5.21 178 eP 56 05.00 -0.7
SAN 5.31 179 eP 56 06.50 -0.5
PCH 5.48 178 eP 56 09.00 -0.4
TACH 5.51 182 ePd 56 08.70 -1.1
iS 57 14.70
CHCH 5.79 179 eP 56 13.00 -0.7
SLA 5.80 55 ePd 56 15.00 1.0
S 57 25.00
LNV 5.84 185 iPd 56 11.50 -2.8
iS 57 23.40
RFA 6.90 164 eP 56 27.60 -1.7
(S) 58 27.30
YJA 7.60 40 ePc 56 38.80 -0.6
TPZ 8.06 36 eP 56 47.00 1.4
S 58 30.00
CCH 11.51 23 eP 57 31.00 -1.7
i 57 48.60
ARE 11.63 356 eP 57 38.00 3.6X
LPB 11.80 13 eP 57 34.00 -2.8
Z 24s 0.78um
i 57 43.30
S 00 16.00
LR 01 25.00
ZOBO 12.05 12 P 57 36.40 -3.9X
Z 22s 1.21um
LR 01 35.00
VBA 12.32 146 eP 57 39.40 -3.9X
VAO 22.04 82 eP 59 38.30 -1.6
i 59 58.40 94kmX
BAO 24.45 64 ePd 00 03.50 0.0
BMA 24.60 83 P- 00 04.30 -0.5
e 00 23.70 87kmX
SOB1 33.81 62 eP 01 11.80 -15.8X
e 01 26.60 59km
e 01 46.60
e 02 52.60
ITR 36.03 64 eP 01 44.90 -1.5
e 02 06.20 89kmX
SNA 56.54 158 eP 04 26.00 -1.1
SPA 62.03 180 eP 05 04.20 -1.1
1.0s 24.50nm 5.3mb
e 05 18.60 52km
JCT 64.55 332 iP 05 21.20 -0.8
0.9s 46.22nm 5.5mb
i 05 37.00 58km
LTX 65.24 328 eP 05 26.90 0.3
1.0s 8.60nm 4.7mb
VVO 67.39 338 ePc 05 54.50 14.5X
RLO 67.92 339 iPc 05 42.70 -0.7
TUL 67.93 338 iP 05 42.70 -0.7
1.0s 37.80nm 5.4mb
TUL 67.93 338 iPc 05 58.20 14.8X
1.0s 195.10nm
FVM 68.30 343 eP 05 44.60 -1.1
1.0s 60.00nm 5.5mb
SBA 69.03 191 eP 05 48.50 -1.2
1.0s 6.00nm 4.5mb
ALQ 71.23 330 eP 06 03.90 0.0
1.0s 6.75nm 4.5mb
epP 06 19.00 54km
KIC 72.22 72 eP 06 09.00 -1.0
i 06 23.80 53km
MNT 73.33 358 eP 06 15.00 -0.7
pP 06 33.00 66kmX
GLA 73.84 323 iP+ 06 35.00 15.9X
BAR 74.57 321 eP 06 39.00 15.7X
PLM 75.18 321 eP 06 43.00 16.0X
RVR 75.94 321 eP 06 32.00 0.9
e 06 46.00 49km
MWC 76.49 321 eP 06 35.00 0.6
e 06 50.00 53km
PAS 76.50 321 eP 06 41.00 6.8X
e 07 01.00 74kmX
GSC 76.62 323 eP 06 36.00 1.0
e 06 51.00 53km
CLC 77.43 323 eP 06 55.00 15.6X
SYP 77.79 320 eP 06 43.00 1.5
e 06 58.00 53km
WIN 77.90 109 e(P) 06 41.00 -1.5
1.0s 15.00nm 5.0mb
LHC 77.99 348 eP 06 41.50 -0.6
pP 06 57.00 55km
CWC 78.15 323 eP 07 00.00 16.5X
BDW 79.09 332 eP 06 48.80 0.2

19d 11h

	0.9s	5.13nm		4.5mb		
PRI	79.34	321	eP	06 51.50	1.5	
			e	07 06.60	53km	
EUR	79.37	326	iP	06 52.00	1.8	
	0.8s	2.65nm		4.2mb		
MNA	79.68	324	e(P)	06 52.80	1.0	
			e	07 23.50	120kmX	
LLA	79.84	321	e(P)	06 54.00	1.5	
			e	07 09.00	53km	
PRS	79.88	321	e(P)	06 54.00	1.3	
			e	07 09.30	54km	
SAO	80.23	321	eP	07 10.60	16.1X	
JAS1	80.51	322	e(P)	06 57.00	1.0	
			i	07 12.10	53km	
BMN	80.72	326	eP	07 11.00	13.8X	
MHC	80.75	321	e(P)	06 59.00	1.5	
			e	07 14.10	53km	
BRK	81.48	321	e(P)	07 01.00	0.0	
			e	07 17.70	60km	
ORV	82.27	323	eP	07 06.40	1.2	
			e	07 21.40	52km	
BLF	82.32	119	iPc	07 06.50	0.5	
	0.9s	30.77nm		5.3mb		
SCH	82.67	2	eP	07 06.00	-0.9	
LRM	82.77	332	eP	07 08.00	0.1	
MIN	82.90	323	e(P)	07 08.10	-0.5	
			e	07 23.50	54km	
WDC	83.56	323	eP	07 11.30	-0.5	
			e	07 26.60	53km	
BFS	83.82	117	iPd	07 13.40	-0.3	
	1.0s	48.00nm		5.5mb		
SES	85.94	335	ePc	07 39.00	15.5X	
NEW	86.66	331	eP	07 42.00	14.9X	
BUL	88.53	112	iPd	07 32.00	-4.9X	
	1.0s	10.00nm		5.0mb		
BUL	88.53	112	iPd	07 37.00	0.1	
	1.0s	10.00nm		5.0mb		
EDM	89.07	336	ePc	07 37.50	-1.1	
KRP	89.65	226	eP	07 58.00	16.3X	
KRI	90.98	110	iPd	07 48.30	-0.1	
BNG	91.44	86	iPc	07 50.50	0.1	
	0.8s	22.00nm		5.6mb		
			i	08 10.20	71kmX	
MTD	92.64	110	iPd	07 58.80	2.8	
			ipP	08 20.20	78kmX	
WRA	126.40	210	PKPd	13 46.60	-0.8	
	1.0s	10.10nm				
QUE	143.15	76	ePKP	14 15.00	-3.5X	
LEM	145.21	177	ePKPd	14 33.00	10.6X	
	1.0s	110.00nm				
POO	146.22	99	iPKPc	14 24.40	0.6	
	0.1s	466.67nm				
GBA	147.07	109	PKP	14 26.00	0.9	
HYB	149.83	104	iPKPc	14 34.00	4.5X	
	1.0s	50.00nm				
NDI	151.86	81	iPKPc	14 38.50	6.3X	
	S.D. = 1.2	on 69 of 93 obs.				

SEP 19, 1985 13h 17m 47.35± 0.55s
18.190 N ± 3.7km 102.533 W ± 3.2km
DEPTH = 27.9 ± 3.8 km
6.8mb (79 obs.) 8.1Msz (15 obs.)
MICHOACAN, MEXICO (57)

Ms 7.9 (BRK), 7.9 (PAS).
Casualties and extensive damage in central Mexico. See special summary on page 258.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=118 Dip=79 Slip= 90
NP2: 298 11 90
Principal Axes:
T Plg=56 Azm= 28
P 34 208
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
M.W.: 19S, 48C
Centroid Location:
Origin Time 13:18:24.5 0.2
Lat 17.91N 0.01 Lon 101.99W 0.02
Dep 21.3 0.7 Half-duration 38.4
Moment Tensor; Scale 10**27 D-CM
Mrr= 6.58 0.09 Mtt=-4.95 0.05
Mff=-1.63 0.06 Mrt= 8.81 0.42
Mrf=-2.11 0.33 Mtf= 1.97 0.03
Principal Axes:
T Val= 11.41 Plg=62 Azm= 9
N -0.86 4 107
P -10.56 28 199
Best Double Couple:Mo=1.1*10**28
NP1:Strike=301 Dip=18 Slip= 105
NP2: 106 73 85

CCMX	0.25	237	P	17	52.25	-1.6
			(S)	17	55.00	
CCMX	0.25	237	P	17	52.25	-1.6
			(S)	17	55.00	
LVGX	0.37	113	P	18	00.70	5.1X
			(S)	18	07.00	
LVGX	0.37	113	P	18	00.70	5.1X
			(S)	18	07.00	
MNZ	1.91	297	iP	18	20.00	1.4
			iS	18	42.00	
OXM	2.91	67	iP	18	35.00	1.9
III	2.92	86	iP	18	34.00	0.9
LCG	3.04	14	iP	18	35.50	0.6
IIM	3.37	70	iP	18	42.50	2.9X
UNM	3.37	70	iP	18	43.50	3.9X
TAC	3.39	69	iP	18	42.50	2.6X
IIC	3.47	63	iP	18	44.00	2.8X
IIT	4.09	78	iP	18	51.00	1.1
PIO	4.57	112	iP	18	54.30	-2.2
VHO	5.61	99	iP	19	12.00	0.7
VCM	6.14	80	iP	19	17.00	-1.6
VCM	6.14	80	iP	19	21.00	2.4
			iS	20	34.00	
MAZ	6.15	325	iP	19	12.00	-6.8X
			i	20	45.00	
LTX	11.14	355	eP	20	31.00	3.0X
TP2	11.55	105	P	20	35.50	1.6
VLG	11.74	108	P	20	40.00	3.8X
MMG	11.94	106	P	20	40.00	1.0
GCG	12.06	106	P	20	50.00	9.4X
SLP	12.24	104	P	20	43.00	0.0
JMG	12.38	106	P	20	43.00	-1.9
MER	12.48	75	iP	20	45.00	-1.0
JCT	12.48	11	eP	20	48.50	2.4X
MYT	12.67	107	P	20	50.00	1.3
MRL	12.69	102	P	20	46.00	-3.1X
YUP	12.85	106	P	20	59.00	7.8X
QZG	13.10	104	P	20	56.90	2.4
SSS	13.58	107	eP	21	11.00	10.3X
			eS	24	00.70	
EPT	13.99	346	P	21	13.50	7.4X
ALQ	17.05	349	iPc+	21	48.00	2.4
VVO	18.11	18	ePc	21	58.50	-0.1
RIN	18.18	112	eP	22	02.10	2.5
GLA	18.47	326	eP	22	04.00	1.0
			e	22	13.00	
PBX	18.60	319	iPc	22	02.58	-2.1
			S	23	04.04	
TUL	18.63	17	iP+	22	04.30	-0.7
	0.7s	4224.10nm			6.7mb	
			e	22	05.60	
			e	22	06.70	
			e	22	08.40	
			e	22	11.10	
			e	22	13.30	
			e	22	15.80	
ENX	18.68	320	iPc	22	06.80	1.3
			S	23	14.79	
AR6	18.72	112	ePn	22	13.00	6.7X
RLO	19.10	19	ePc	22	09.00	-1.7
BAR	19.24	321	eP	22	13.00	0.7
PTCR	19.44	113	ePc	22	15.50	0.5
POA	19.46	112	eP	22	15.50	0.2
HDC	19.62	112	eP	22	18.90	2.0
SJS	19.70	112	ePc	22	19.90	2.1
IRZ2	19.82	112	eP	22	21.80	2.4
PLM	19.83	322	eP	22	19.00	-0.1
			e	22	32.00	
LCR2	19.83	113	ePnc	22	20.50	1.2
QPS	19.87	114	ePc	22	24.00	4.5X
ICR	19.88	112	iPnc	22	22.00	2.0
GCM	20.06	84	eP	22	20.90	-0.5
			eS	26	37.70	
CDM	20.12	113	eP	22	22.30	-0.3
BUS	20.13	113	iPnc	22	21.40	-1.3
JCR	20.57	111	iPn	22	06.90	-19.9X
RVR	20.58	323	eP	22	27.00	0.2

			e	22	35.00	
ACR	21.07	114	ePn	22	32.10	0.3
MWC	21.14	322	eP	22	26.00	-6.7X
			e	22	40.00	
PAS	21.16	322	eP	22	32.00	-0.6
			ePcP	26	41.00	
			ePcS	30	17.00	
GSC	21.24	326	eP	22	34.00	0.5
			e	22	45.03	
PBC	21.29	115	eP	22	39.50	5.3X
GOL	21.58	354	P	22	36.00	-1.1
GLD	21.61	354	P	22	35.00	-2.4
Z	18s	5519.78um			8.0Msz	
CLC	22.05	326	eP	22	42.00	0.4
VPEM	22.27	326	P	22	44.50	0.6
FVM	22.39	26	eP	22	45.50	0.6
SYP	22.51	320	eP	22	47.00	0.7
			e	22	58.00	
CWC	22.77	326	eP	22	58.00	9.1X
RSCP	22.94	38	eP	22	49.60	-0.8
PHAM	23.64	322	P	22	59.50	2.3
PRM	23.98	45	eP	23	00.50	0.0
PRI	24.01	322	iPc	23	02.00	1.1
			i	23	08.30	
FRI	24.06	325	eP	23	01.60	0.4
			i	23	07.80	
PCJ	24.13	87	eP	23	13.90	11.9X
UPA	24.13	109	ePc+	23	02.20	0.1
	2.1s	1333.33nm			6.1mb	
N	19s	87.15um				
E	19s	99.31um				
			pP	23	10.00	28kmX
			i	23	44.00	
			i	24	35.00	
			i	26	18.00	
			i	26	29.00	
			i	26	55.00	
			S	27	38.00	
EUR	24.21	334	iP	23	04.50	1.6
MNA	24.34	329	iPc	23	06.30	2.1
STH	24.44	86	iP	23	14.26	9.2X
LLA	24.50	322	ePc	23	06.00	0.5
HOJ	24.50	86	iP	23	16.75	11.1X
GWJ	24.51	86	ePc	23	15.18	9.3X
PRS	24.56	321	ePc	23	06.80	0.7
HBF	24.73	49	P	23	11.00	3.3X
COW	24.73	48	P	23	06.50	-1.2
JSC	24.84	46	P	23	07.50	-1.3
SAO	24.89	322	e(P)	23	10.30	1.0
SLD	24.98	323	P	23	11.00	0.9
JAS1	25.13	325	iPc	23	11.80	0.3
BDW	25.23	348	P	23	11.80	-0.9
ARN	25.34	323	eP	23	14.30	0.7
GCC	25.40	322	ePc	23	14.60	0.6
MHC	25.40	323	iPc	23	15.10	0.8
BMN	25.53	333	eP	23	16.20	0.8
PCC	25.94	322	eP	23	19.30	0.2
BKS	26.11	323	ePc	23	23.00	2.3
	1.0s	957.00nm			6.4mb	
N	20s	778.00um				
E	20s	3111.00um				
			iS	27	54.00	
BRK	26.12	323	e(P)	23	24.30	3.5X
CHI	26.84	25	P	23	30.00	2.7
ORV	26.89	326	ePc	23	28.80	0.9
			i	23	34.60	
BLA	27.13	41	eP+	23	28.40	-1.7
MIN	27.53	327	ePc	23	33.80	0.0
			i	23	40.40	
CCMT	28.02	344	eP	23	38.50	0.3
WDC	28.19	327	eP	23	37.70	-1.9
UTO	28.46	31	ePd	23	46.00	4.0X
LCCM	28.64	346	iPc	23	43.60	-0.2
LRM	28.76	346	iPc	23	44.60	-0.4
BUT	28.97	345	eP	23	46.40	-0.4
FHC	29.11	325	P	23	55.00	7.0X
FHC	29.11	325	e(P)	23	49.50	1.5
HRY	29.46	347	eP	23	49.60	-1.5
QUR	29.83	125	eP	24	03.50	8.4X
PSO	29.96	122	iP	23	56.00	-0.3
DLA	30.34	31	P	23	57.20	-1.6
LDN	30.67	32	P	23	59.30	-2.4
ELF	30.71	31	P	23	59.90	-2.2
BMG	30.74	107	eP	24	02.00	-0.8
BMG	30.74	107	eP	24	07.00	4.2X
BOG	30.92	112	P	24	07.00	2.3
CLX	31.65	344	iPc	24	09.70	-0.9

LHD	31.81	343	iPc	24	13.00	1.1	TOA	53.32	336	eP	27	06.40	0.4	RDJ	70.89	123	iP+	29	07.60	3.4X
LDM	31.93	344	ePc	24	14.30	1.5	TPZ	53.41	136	P	27	07.30	-0.3	DAG	70.99	14	iPd	29	02.50	-1.5
UAV	31.94	103	eP	24	14.00	0.6	INK	53.77	346	iPc	27	08.40	-0.7		0.6s	10.00nm			5.1mb X	
LHC	32.02	17	eP	24	11.00	-2.6		0.8s	591.00nm			6.6mb				i		29	07.00	
	0.8s	1650.00nm			7.0mb		KDC	53.85	329	eP	27	10.00	0.1			i		29	10.00	
RXF	32.26	344	iPd	24	17.00	1.3	ATB	53.95	108	iPc	27	09.60	-1.6	AKU	71.30	26	iP	29	08.10	2.1
NEW	32.26	342	eP	24	15.00	-0.8	YJA	54.05	136	eP	27	11.00	-1.3		1.3s	1361.54nm			6.9mb	
SDV	32.31	102	eP	24	16.60	-0.1	PME	54.18	335	eP	27	10.60	-1.7			i		29	15.40	
TOV	32.80	100	eP	24	20.50	-0.3		1.3s	1320.70nm			6.8mb		SMY	71.75	321	eP	29	06.00	-2.9
SES	32.84	350	ePc	24	19.60	-1.2	Z	20s	1250.00um			8.0Msz		Z	20s	450.00um			7.7Msz	
GMTN	33.21	41	iP	24	27.20	3.2X	PMR	54.21	335	P	27	16.20	3.8X	AFI	75.34	250	P	29	47.00	16.4X
			i	24	29.30		RUV	55.25	236	iP	27	25.80	5.1X			(S)		39	20.00	
			S	35	47.00			1.1s	130.00nm			5.9mb		VAL	77.28	39	iP	29	46.40	5.7X
RSON	33.35	10	P	24	23.00	-2.1	TPT	55.32	236	iP	27	26.00	4.8X			PP		32	32.50	
	1.0s	600.00nm			6.5mb			1.1s	65.00nm			5.6mb X		GGC	78.99	64	P	29	58.40	7.8X
CHP8	33.40	136	eP	24	48.60	22.8X	VAH	55.48	236	iP	27	27.20	4.9X	ECB	79.24	38	iPd	29	52.20	0.7
PAL	33.45	41	P	24	23.50	-2.6		1.1s	100.00nm			5.8mb			1.1s	130.00nm			5.9mb	
MGP	33.66	85	e(P)	24	28.00	-0.1	COL	55.52	338	iPc	27	21.00	-1.1	ECB	79.24	38	iPd	29	57.30	5.8X
PNT	33.98	340	ePc	24	30.00	-0.6	FBA	55.52	338	eP	27	20.30	-1.8	ETA	79.49	38	iPd	29	53.60	0.8
SJG	34.54	84	e(P)	24	34.20	-1.6		1.3s	2075.40nm			7.0mb			1.0s	80.00nm			5.7mb	
			i	24	41.00		PMO	55.55	236	iP	27	27.70	4.8X	ETA	79.49	38	iPd	29	58.80	6.0X
PGC	34.80	335	eP	24	38.00	0.4		1.1s	100.00nm			5.8mb			2.4s	********	nm		7.4mb	
	1.2s	214.00nm			6.0mb		SLA	55.88	139	eP	27	22.00	-3.3X	ECP	79.54	39	iPd	29	53.90	0.8
CSJ	35.01	84	e(P)	24	36.00	-3.8X				S	35	17.00			1.1s	140.00nm			5.9mb	
OTT	35.12	34	eP	24	39.00	-1.4				SS	39	18.00		ECP	79.54	39	iPd	29	58.90	5.8X
	0.9s	608.00nm			6.5mb		FSA	56.54	140	e(P)	27	33.00	3.2X		2.5s	********	nm		7.6mb	
			pF	24	45.50	22kmX	SVW	56.74	332	eP	27	29.50	-1.4	EAB	79.54	34	ePc	29	53.30	0.3
RSNY	35.21	36	eP	24	38.30	-2.9	SDN	57.13	325	P	27	38.10	4.4X		1.1s	1342.00nm			6.9mb	
CAR	35.28	98	P	24	41.00	-1.2	VCA	57.25	144	ePc	27	39.10	4.1X			e		29	58.80	
CAR	35.28	98	iP	24	50.00	7.8X	TTA	57.67	334	eP	27	35.40	-2.1	ELO	79.79	34	iPc	29	55.10	0.7
	0.9s	564.71nm			6.5mb		PPN	58.21	235	iP	27	47.40	5.7X		1.0s	698.00nm			6.6mb	
		i		25	20.00			1.1s	50.00nm			5.5mb X				e		30	00.30	
EDM	35.96	349	iPc	24	46.20	-1.3	TVO	58.21	235	iP	27	48.30	6.5X	EBH	79.97	34	ePc	29	56.00	0.7
CGPV	36.06	85	eP	24	47.00	-1.6		1.1s	130.00nm			5.9mb			1.2s	1534.00nm			6.9mb	
ABV	36.19	83	e(P)	24	50.00	0.3	IMA	58.23	338	eP	27	39.50	-1.9			eS		30	01.40	
MNT	36.31	35	iP	24	48.00	-2.4	PPT	58.34	235	iP	27	49.10	6.5X	EAU	80.12	34	iPc	29	56.80	0.6
	0.6s	170.00nm			6.1mb			1.1s	70.00nm			5.6mb X			1.2s	1734.00nm			6.9mb	
FFC	36.47	1	iPc	24	50.10	-1.6	PAE	58.40	235	iP	27	49.40	6.4X			e		30	02.10	
	1.0s	121.00nm			5.7mb			1.1s	70.00nm			5.7mb X		EDU	80.14	34	ePc	29	57.00	0.8
CUM	37.89	96	eP	25	04.50	0.4	AFR	58.48	235	iP	27	50.10	6.5X		1.5s	2361.00nm			7.0mb	
CUM	37.89	96	iPd	25	13.00	8.9X		1.1s	110.00nm			5.9mb		EDI	80.24	34	iPc	29	57.40	0.6
			iPP	26	18.00		MBC	58.73	355	eP	27	41.00	-3.6X		1.5s	1619.00nm			6.8mb	
PHC	38.02	334	e	25	05.50	0.8	RTCB	59.06	146	e(P)	27	49.60	2.1		Z 20s	721.00um			8.0Msz	
	1.1s	1043.00nm			6.6mb		JACH	59.10	149	eP	27	52.00	4.2X	EBL	80.36	34	iPc	29	58.20	0.7
BPA	38.73	85	eP	25	08.73	-2.4	RTLL	59.11	146	ePd	27	46.60	-1.3		1.5s	2472.00nm			7.0mb	
BPA	38.73	85	eP	25	14.71	3.5X	ROCH	59.13	149	eP	27	49.50	1.3	ESK	80.42	35	eP	29	58.40	0.7
MIM	38.77	39	P	25	10.50	-0.6	ZON	59.17	146	eP	27	47.00	-1.3	EKA	80.44	35	Pc	29	58.20	0.4
SEG	39.16	86	eP	25	13.43	-1.3	GDH	59.19	18	iPd	27	52.20	4.3X		1.0s	73.90nm			5.7mb X	
PT01	39.17	138	iP	25	25.00	10.2X	PEL	59.42	149	eP	27	49.00	-1.0	ESY	80.55	34	ePc	29	59.40	1.0
PT10	39.25	138	eP	25	28.00	12.5X	CFA	59.45	146	iP+	27	51.00	0.8		1.4s	2429.00nm			7.0mb	
BBL	39.32	88	eP	25	15.50	-0.6				e	27	56.00			Z 21s	889.00um			8.1Msz	
MGG	39.41	87	eP	25	14.98	-1.8				S	36	14.00				i		30	04.70	
PT09	39.44	137	eP	25	23.50	5.6X	CFA	59.45	146	ePc	27	56.00	5.8X	STS	80.68	48	iPnc	30	01.00	1.5
GUV	39.70	100	iPc	25	18.70	-0.6	SAN	59.69	149	eP	27	52.00	0.2		1.0s	26.00nm			5.2mb X	
	2.0s	1300.00nm			6.3mb		BACH	59.69	149	eP	27	53.00	1.2			iSn		30	09.00	
FDF	39.78	89	ePc	25	20.00	0.1	TACH	59.72	150	eP	27	52.00	0.1			eS		31	07.00	
			S	31	57.00		LNV	59.74	150	eP	27	49.00	-3.0X	PET	80.84	323	P	30	04.00	4.0X
GRW	39.84	93	eP	25	23.37	2.9	FCH	59.77	149	eP	27	51.00	-1.7	PTO	81.13	50	iP	30	02.00	0.2
HNME	39.89	38	eP	25	18.90	-1.5	PCH	59.90	149	eP	27	52.00	-1.3			iS		40	23.00	
SVB	39.97	91	eP	25	19.74	-1.8	TBI	61.68	230	eP	28	22.00	16.5X	LIS	81.41	52	eP	30	04.00	0.7
SLB	40.06	90	eP	25	21.89	-0.4		1.0s	90.00nm					MBO	81.51	78	iPc	30	13.10	8.9X
PT02	40.25	138	iP	25	27.80	4.1X	BRW	61.77	343	eP	28	02.80	-2.7	MGD	82.42	331	P	30	08.60	0.5
HUA	40.29	136	iP	25	30.50	6.0X	BDF	63.46	119	iPc	28	15.40	-2.2	SKR	83.10	321	P	30	14.80	2.9X
			eS	31	32.00			1.8s	113.60nm			5.7mb		EPLA	83.29	50	P	30	13.90	0.9
TRN	40.46	95	eP	25	22.90	-2.6				i	28	28.20		EVAL	83.55	53	P	30	15.00	0.6
	1.2s	52.60nm			5.1mb X					i	28	32.10		EVAL	83.55	53	P	30	24.30	9.9X
PLY	40.91	94	eP	25	30.89	1.8				i	28	50.30		TIK	83.90	346	P	30	14.50	-1.1
PT06	40.99	139	iP	25	42.60	12.9X	ADK	66.15	319	eP	28	33.00	-1.3	GRR	84.08	41	iPc	30	18.00	1.1
			eS	31	26.60		ALE	66.24	5	eP	28	35.00	0.5	LPF	84.10	41	iPc	30	17.60	0.6
PT03	41.44	139	iP	25	42.00	8.5X		0.9s	577.00nm			6.7mb		FLN	84.19	41	iPc	30	17.40	0.0
YKA	45.05	352	eP	26	02.30	0.0	SOB1	66.64	109	ePc	28	36.80	-1.3	AVE	84.35	57	eP	30	15.00	-3.6X
SCH	45.61	28	eP	26	05.20	-1.6				i	28	44.70				i		30	27.00	
SIT	45.85	336	eP	26	11.60	3.0X	VBA	67.68	146	ePc	28	41.50	-2.7	LDF	84.47	41	eP	30	19.90	1.1
ARE	46.04	137	eP	26	10.00	-1.0	LPA	67.69	141	iP+	28	46.80	2.5	GUD	84.50	49	P	30	21.00	1.7
ZOBO	48.17	133	iPc	26	25.80	-2.3	Z	20s	290.78um			7.5MszX		RBA	84.58	56	iPc	30	28.00	8.3X
			LR	43	30.00					iS	37	46.80				i		30	37.00	
LPB	48.37	133	P	26	28.00	-1.5	VAO	67.99	125	eP	28	44.80	-1.7	EHOR	84.61	52	P	30	20.00	0.3
			i	26	34.30					e	28	49.50		EHOR	84.61	52	P	30	28.10	8.4X
			Sg	40	29.00					e	28	53.80		TOL	84.82	50	iPc	30	21.50	0.7
			LR	43	35.00		ILT	68.09	337	P	28	46.10	-0.2		1.2s	2.00nm			4.2mb X	
STJ	49.92	43	ePc	26	39.00	-1.5	RAR	68.39	238	P	28	56.00	7.1X			lc		30	26.50	
	1.0s	1898.00nm			7.1mb					S	38	00.00		LGR	85.06	47	iPc	30	23.10	1.2
RKT	51.87	219	iP	27	01.40	5.8X	ITR	68.69	107	eP	28	49.90	-1.1		1.4s	7.60nm			4.7mb X	
	1.2s	140.00nm			5.8mb					i	28	57.90				iPP		33	36.00	
HON	52.08	283	P	27	01.00	3.7X	REY	69.71	27	eP	29	00.40	4.1X			ePPP		35	31.00	
Z	20s	600.00um			7.6MszX					i	29	06.10				eS		40	43.50	
ANT	52.12	142	eP	27	00.50	3.0X	BMA	70.05	123	eP	29	04.90	5.7X	NB2	85.14	27	P	30	22.00	0.0

19d 13h

MFF	85.17	43	eP	30 22.90	0.5
KEV	85.46	16	iP+	30 25.20	2.1
	1.0s	494.00nm			6.6mb
			i	30 31.20	
VUN	85.57	250	eP	30 34.00	9.2X
MAL	85.59	53	iPc	30 24.30	-0.4
	1.0s	7.00nm			4.8mb X
			i	30 35.30	
			iS	40 41.00	
SVA	85.61	249	eP	30 41.40	16.4X
SGE	85.91	250	eP	30 36.70	10.1X
CRT	86.05	52	iPc	30 28.20	1.1
AFC	86.07	52	P	30 28.90	1.6
IFR	86.09	56	iPc	30 28.00	0.5
			i	30 36.00	
			i	31 17.00	
OGE	86.20	46	P	30 28.40	0.8
DBN	86.23	36	iP+	30 28.50	1.0
Z	16s	61.00um			7.1MszX
			i+	30 33.00	
			iPP	33 53.00	
			iPPP	35 48.00	
			iS	41 04.00	
			iSS	46 50.00	
			iSSS	50 20.00	
UCC	86.30	37	P+	30 31.00	3.1X
			i	30 38.00	
			e	34 01.00	
			SKS	41 11.00	
JAU	86.32	46	P	30 29.40	1.0
LFF	86.36	44	eP	30 29.20	0.9
	2.0s	4010.20nm			7.3mb
SNF	86.38	38	P	30 36.10	7.8X
LSF	86.38	42	iPc	30 28.20	-0.2
	2.0s	4629.90nm			7.4mb
NDF	86.39	250	eP	30 46.00	17.2X
NDF	86.39	250	eP	30 32.00	3.2X
MUD	86.39	31	eP	30 36.00	7.8X
	0.6s	97.00nm			6.2mb
HFS	86.66	27	eP	30 29.30	-0.2
	1.0s	18.90nm			5.3mb X
Z	18s	1194.93um			8.3Msz
			LR	01 41.00	
DOU	86.73	38	P+	30 31.00	1.0
			i	30 36.20	
RJF	86.73	43	eP	30 30.10	-0.1
WIT	86.74	35	eP	30 32.00	2.0
Z	20s	429.00um			7.8Msz
			ic	30 39.20	
LPO	86.76	44	eP	30 30.40	0.1
	2.0s	4739.30nm			7.4mb
TCF	86.80	42	iPc	30 30.30	-0.2
	2.0s	4374.70nm			7.3mb
EPF	86.81	46	eP	30 30.80	0.1
	1.9s	4781.30nm			7.4mb
SOD	86.92	17	iP	30 30.30	-0.3
			i	30 34.20	
GRC	86.95	41	iPd	30 31.30	0.2
ALM	87.02	52	iP	30 39.60	7.9X
	0.6s	4.20nm			4.8mb X
MZF	87.07	42	eP	30 31.30	-0.5
	1.7s	2458.60nm			7.2mb
BGF	87.10	42	eP	30 31.40	-0.5
	1.2s	716.00nm			6.8mb
ENIJ	87.17	52	P	30 39.20	6.8X
ENIJ	87.17	52	P	30 42.00	9.6X
WTS	87.18	36	eP	30 32.00	-0.1
	0.9s	430.00nm			6.7mb
Z	21s	571.00um			8.0Msz
			ed	30 38.00	
			ic	30 40.60	
ENN	87.22	37	ePd	30 33.00	0.7
	0.9s	600.00nm			6.8mb
			id	30 38.90	
			ic	30 40.60	
			eP'P'	56 43.00	
CAF	87.24	43	eP	30 32.30	-0.4
	2.0s	1822.80nm			7.0mb
SSF	87.31	41	iPc	30 32.50	-0.4
	1.7s	2182.90nm			7.1mb
AAS	87.32	161	eP-	30 39.00	6.6X
Z	21s	300.00um			7.7Msz
			ePP	33 47.00	
			eS	41 06.00	
			e	47 17.00	
AVF	87.33	41	eP	30 32.30	-0.7
	1.6s	1010.60nm			6.8mb
MEM	87.33	37	Pd	30 34.20	1.3
			i	30 40.70	
			e	56 43.40	
MLS	87.34	46	eP	30 33.10	-0.1
			i	30 39.60	
			i	30 42.70	
LOR	87.45	41	eP	30 33.40	-0.2
	1.9s	3460.20nm			7.3mb
GSH	87.49	37	ePc	30 37.20	3.5X
LBF	87.64	41	eP	30 33.80	-0.8
	1.8s	1672.50nm			7.0mb
SMF	87.69	41	eP	30 35.10	0.3
	2.0s	1640.50nm			7.0mb
TAF	87.77	54	iP	30 38.00	2.5
			i	31 44.00	
WLF	87.83	38	P	30 34.80	-0.5
			e	30 40.00	
			SKS	41 28.00	
			S	41 45.00	
			SS	46 02.00	
			e	56 52.00	
BNS	87.84	37	iPc	30 37.00	1.6
BNS	87.84	37	iPc	30 43.60	8.2X
			ePP	33 06.00	
			eS	41 18.00	
			eSS	47 05.00	
ALI	87.95	50	iP+	30 38.50	2.4
			S	41 24.50	
HAM	88.19	34	iPc	30 38.00	1.1
			ic	30 43.80	
VITF	88.35	39	eP	30 45.80	8.0X
COP	88.37	31	iPc	30 45.80	8.0X
	1.7s	1476.92nm			7.0mb
			i	32 05.00	
			iS	41 32.00	
SMCF	88.40	46	P	30 45.80	7.4X
UPP	88.46	26	iP	30 28.90	-9.2X
	2.0s	2400.00nm			7.2mb
			i	30 36.40	
			i	30 45.40	
APA	88.60	16	P	30 43.10	4.4X
HAU	88.66	39	eP	30 39.10	-0.3
	1.7s	1034.00nm			6.9mb
SSB	88.70	42	ePc	30 38.20	-1.5
			ic	30 46.10	
TNS	88.90	37	eP	30 41.10	0.5
			iPcPc	30 49.30	
			ePP	34 15.00	
			eS	41 40.00	
			eSS	47 38.00	
GWF	88.99	38	eP	30 48.80	7.8X
BSF	89.01	39	eP	30 40.50	-0.7
	1.6s	1068.90nm			6.9mb
CDF	89.04	39	eP	30 40.70	-0.6
	1.8s	998.10nm			6.8mb
CDF	89.04	39	eP	30 49.20	7.9X
ECH	89.06	39	eP	30 49.00	7.7X
ROF	89.14	40	P	30 49.20	7.5X
KJF	89.42	20	iP+	30 42.50	-0.2
	1.2s	407.60nm			6.6mb
			i	30 48.20	
			eS	41 19.00	
BUH	89.49	38	eP	30 43.80	0.4
BUH	89.49	38	eP	30 51.20	7.8X
BBS	89.61	40	eP	30 51.60	7.7X
FEL	89.73	39	eP	30 52.00	7.4X
EMS	89.87	41	eP+	30 45.80	0.4
SUF	89.91	21	iP	30 44.50	-0.5
LPG	90.01	42	eP	30 46.30	0.1
	1.6s	1166.10nm			6.9mb
SLE	90.06	39	eP+	30 46.60	0.6
ZUL	90.13	39	eP+	30 47.30	0.9
DIX	90.17	41	eP+	30 48.20	1.3
CDR	90.18	44	ePc	30 46.60	0.0
			i	30 53.70	
			i	31 02.30	
			i	33 21.50	
KUR	90.33	318	P	30 53.00	5.8X
BRN	90.43	33	eP	30 47.00	-0.5
			ec	30 52.50	
			ic	30 56.80	
BRL	90.45	33	eP	30 56.00	8.4X
MOX	90.48	36	eP	30 48.00	0.1
	2.5s	3571.00nm			7.2mb
Z	20s	1144.00um			8.3Msz
N	20s	680.00um			
E	20s	730.00um			
			i	30 52.90	
			i	30 56.00	
			iPP	34 28.00	
			i	40 45.00	
			iS	41 36.00	
			iSS	48 00.00	
			i	50 16.00	
			iSSS	51 45.90	
			iSSSS	54 08.00	
MMK	90.53	41	ePd	30 50.10	1.6
LRG	90.66	44	eP	30 48.80	0.0
	1.7s	804.20nm			6.8mb
ORO	90.73	41	P	30 41.20	-8.1X
GRF	90.73	36	eP	30 50.00	0.9
Z	20s	754.00um			8.1Msz
			i	30 58.10	
			eS	41 44.50	
LLS	90.78	40	eP+	30 50.10	0.5
HOF	90.79	36	eP	30 53.50	4.2X
			eS	41 40.00	
FRF	90.80	43	eP	30 49.20	-0.3
	1.8s	1213.90nm			6.9mb
LMR	90.81	44	eP	30 49.00	-0.5
	1.8s	944.10nm			6.8mb
SAX	90.81	39	ePd	30 50.80	1.0
NUR	90.84	23	iP+	30 49.20	-0.1
	1.2s	404.70nm			6.6mb
			i	30 54.40	
			eS	41 30.00	
CLL	90.90	35	eP	30 49.00	-0.7
	2.4s	2000.00nm			7.0mb
N	18s	360.00um			
E	18s	570.00um			
			eSKS	41 36.00	
TMA	91.06	40	ePd	30 51.00	0.1
ABA	91.13	51	iP	30 59.00	7.9X
			iS	43 03.00	
CIZ	91.47	224	eP	31 11.00	18.7X
FUR	91.52	38	eP	30 57.10	4.4X
	2.7s	3816.00nm			7.3mb
Z	21s	898.00um			8.2Msz
OSS	91.56	39	eP+	30 54.00	0.8
BRG	91.63	35	iP	30 52.80	-0.3
	2.0s	1600.00nm			7.1mb
			i	30 59.50	
			iSKS	41 26.00	
WET	91.94	36	eP	30 54.90	0.2
			eS	41 39.50	
OGA	92.00	39	eP	30 56.00	0.8
SAL	92.32	40	P	30 57.00	0.6
NRI	92.32	356	P	30 56.10	0.2
KHC	92.34	36	iP	30 57.00	0.5
	2.0s	2104.00nm			7.2mb
			i	31 04.80	
			e	31 10.80	
			SKS	41 48.00	
PRU	92.43	35	eP	30 55.00	-1.8
	2.5s	2598.70nm			7.2mb
Z	18s	670.00um			8.1Msz
			e	31 02.50	
			i	31 05.30	
			eSKS	41 35.00	
YSS	92.64	322	P	31 03.00	5.2X
NEM	92.66	317	eP	31 01.00	3.0X
			eS	41 10.00	
CVF	92.70	44	eP	30 57.50	-0.8
	1.7s	689.30nm			6.8mb
KSP	92.90	34	ePc	31 03.50	4.5X
	2.0s	1566.00nm			7.1mb
			id	31 07.50	
			iPP	34 58.00	
			eS	41 02.00	
ABJ	93.16	318	eP	31 09.00	8.7X
			e	42 03.00	
KMR	93.22	37	eP+	30 59.00	-1.5
			i+	31 04.30	
KBA	93.27	38	iP	31 01.00	0.0
	1.0s	7.70nm			5.1mb X
KBA	93.27	38	iPc	31 09.00	8.0X
	1.7s	450.00nm			6.6mb
			i(PP)	35 08.80	
			i	35 22.80	
PUL	93.41	22	P	31 04.00	2.8X
WAK	94.08	321	Pd	31 13.80	9.3X
			eS	42 24.00	
TRI	94.23	39	iPd	31 05.70	0.5
			i	31 13.40	

			e	34	50.60					ISKS	42	40.90					PP	36	23.00				
			eSKKS	41	54.00		BEO	98.65	37	iP	31	33.60	8.3X	NVS	107.04	356	Pdiff	32	10.80	8.4X			
			e	42	09.00					iPP	35	56.40		GPA	107.14	36	iPdiff	32	06.10	2.8X			
			eS	42	30.00					iSKS	42	40.90		ZAK	108.03	343	Pdiff	32	16.50	9.6X			
			esP	43	38.00		MOS	99.03	22	P	31	30.00	3.2X	YER	108.06	40	ePdiff	32	06.00	-1.5			
			e	44	16.00		KOU	99.08	251	iPc	31	44.10	16.6X	SPA	108.08	180	e(Pdif	32	15.50	8.5X			
			eSS	48	46.00		TTG	99.34	40	eP	31	34.00	5.5X	NGS	108.78	315	ePdiff	32	10.00	-0.7X			
VKA	94.34	36	iPc	31	10.10	4.4X				ePP	35	22.00					S	46	05.00				
	3.0s	8373.00nm				7.6mb				eSKS	42	10.00		BCK	109.22	38	ePdiff	32	21.00	8.3X			
	Z 25s	526.00um				7.9MszX	DEV	99.38	35	ePd	31	40.00	11.4X	ELL	109.30	39	ePdiff	32	18.20	5.1X			
			ic	31	14.50		CLO	99.83	36	ePd	31	31.00	0.3	DL2	109.76	325	ePdiff	32	19.00	4.1X			
			iPP	34	56.90		TSK	99.84	313	eP	31	35.50	4.6X	SNA	110.43	159	e(Pdif	32	28.00	10.8X			
OBI	94.37	318	eP	31	22.00	16.1X	HNR	99.98	263	eP	31	37.00	5.2X	BRS	110.88	247	PKP	36	31.20	11.0X			
			e	31	38.00					e	35	41.00		BJI	111.76	329	Pdiff	32	30.00	6.2X			
ASA	94.48	319	eP	31	11.00	4.6X				PPP	37	28.00			N 18s	1034.10um							
			eS	42	13.00					(S)	42	07.00					PP	37	12.00				
WAR	94.50	31	eP+	31	10.00	3.7X	SRE	100.31	36	ePdiff	31	42.00	9.2X				eSKKS	44	05.00				
			e	39	10.00		COZ	100.52	35	ePdiff	31	40.00	6.1X				eS	44	48.00				
LJU	94.51	38	eP	31	06.90	0.4	DDR	100.58	313	ePdiff	31	43.70	9.4X				PS	46	40.00				
			i	31	14.60		OYM	100.85	313	ePdiff	31	41.50	6.1X				SS	52	43.00				
			e	34	30.30		SKO	100.92	39	iPdiff	31	43.40	7.8X	PMG	112.09	267	e(Pdif	32	32.00	6.2X			
			eS	42	01.00			N 15s	360.00um					RIV	113.21	240	ePdiff	32	47.00	16.6X			
LJU	94.51	38	iP	31	14.60	8.1X		E 15s	390.00um								ePP	37	17.00				
			e	34	30.20					iPP	35	50.00					ePS	47	01.00				
			eS	42	01.00					iSKS	42	22.00					eSS	52	57.00				
CEY	94.61	39	eP	31	07.00	0.0				iPS	44	58.00		HHC	113.27	332	Pdiffd	32	35.50	4.8X			
			i	31	16.40		MAT	100.97	314	ePdiff	31	37.00	1.1				PP	37	21.00				
SOP	94.79	36	e(P)	31	07.00	-0.8		0.8s	18.66nm				5.7mb	BTO	114.14	333	iPdiff	32	39.00	4.4X			
ZST	94.81	36	i(P)	31	17.00	9.2X				eS	43	18.00					PP	37	28.00				
	2.2s	3650.00nm				7.4mb	IAS	100.99	32	ePdiff	31	43.00	7.3X	TIA	114.17	326	PKP	36	31.50	5.3X			
	Z 17s	894.00um				8.3MszX	OHR	101.04	40	ePdiff	31	37.30	1.1				iPP	37	38.00				
			i	31	21.70					i	31	42.50		RMQ	114.27	249	ePKP	36	26.00	-0.7			
			e	31	41.90					eSKS	42	10.50		BHL	114.65	38	Pdiff	32	47.00	10.0X			
			e	35	23.10		MLR	101.28	34	ePdiff	31	44.00	6.8X	BHL	114.65	38	PKP	36	37.00	9.7X			
KRP	94.84	232	eP	31	23.00	15.0X	CLI	101.28	33	ePdiff	31	44.50	7.4X				PP	37	34.00				
			ePP	35	18.00		VRI	101.44	34	ePdiff	31	45.00	7.2X				SP	47	21.00				
			PKKP	48	50.60		MDJ	101.52	325	iPdiff	31	42.00	3.9X	HLW	114.75	44	iPdiff	32	44.00	6.6X			
MNS	95.26	42	P	31	09.00	-1.0				pP	31	51.00		CTA	115.42	256	iPKP	36	36.00	7.0X			
KRA	95.27	33	ef	31	09.70	-0.2				PP	35	51.00					iPP	37	37.00				
	2.3s	1844.00nm				7.1mb				PPP	38	02.00					iSKS	43	20.00				
	Z 16s	439.49um				8.0MszX				SKS	42	18.00		CTA	115.42	256	Pdiff	32	47.00	6.4X			
			i	31	15.00					S	43	12.00		SSE	115.46	319	Pdiff+	32	48.00	7.5X			
			ic	31	17.50					PS	44	50.00			Z 16s	270.90um				8.0MszX			
			i	31	21.50		VTS	101.58	38	iPdiff	31	46.00	7.6X		N 16s	468.70um							
			i	31	23.50		PPE	101.67	33	ePdiff	31	47.00	8.2X		E 16s	587.00um							
			i	35	06.00		ISR	101.83	34	ePdiff	31	46.50	6.9X				PP	37	42.00				
			i	41	26.00		BRD	101.85	34	ePdiff	31	52.00	12.4X				PP	40	08.00				
			i	42	00.00		VAY	101.99	39	iPdiff	31	40.40	0.1				SKS	43	24.00				
			i	43	46.00					i	31	48.00					S	44	57.00				
KIC	95.39	82	iP	31	10.80	-0.3	BUC	102.06	35	iPdiff	31	47.00	6.5X				PS	47	24.00				
			i	31	17.30		BUC1	102.07	35	iPdiff	31	44.00	3.4X				SS	53	07.00				
SAP	95.50	319	eP	31	19.00	7.9X	KZN	102.11	40	ePdiff	31	49.00	8.0X	JER	115.89	40	ePdiff	32	47.00	4.5X			
			eS	42	30.00		KNT	102.28	39	ePdiff	31	50.00	8.4X	NJ2	116.22	321	Pdiffc	32	49.00	5.2X			
SRO	95.70	36	eP	31	13.10	1.2	PVL	102.36	36	iPdiff	31	49.00	7.1X	NJ2	116.22	321	PKPc	36	21.00	-9.2X			
	Z 22s	635.00um				8.0Msz	MMB	102.51	38	iPdiff	31	51.00	8.3X	MSL	116.77	31	ePdiff	32	55.50	9.3X			
			i	31	20.50		VLS	102.62	43	ePdiff	31	52.00	8.8X				e	36	30.00				
			i	31	36.50		THE	102.64	39	Pdiff	31	50.00	6.8X				iPP	37	30.50				
			i	32	03.00		CFR	102.65	33	iPdiff	31	50.50	7.4X				iPPP	39	31.50				
AQU	95.74	42	P	31	13.50	1.2	LIT	102.67	40	ePdiff	31	51.70	8.3X				iS	46	49.50				
MNG	95.76	229	P	31	21.20	9.0X	SRS	102.72	39	ePdiff	31	51.90	8.3X	TAU	116.81	231	ePdiff	33	00.00	13.8X			
			PP	35	17.00		PLD	102.76	37	ePdiff	31	52.00	8.3X	DRV	117.34	203	ePdiff	33	03.00	15.0X			
SPC	95.94	34	eP	31	21.90	8.6X	TLB	102.98	34	ePdiff	31	52.50	7.9X	DRV	117.34	203	ePKP	36	23.70	-7.5X			
MRR	96.10	318	eP	31	23.00	9.1X	DIM	103.30	37	ePdiff	31	54.00	7.9X				e	47	02.50				
			e	41	15.00		KDZ	103.42	37	iPdiff	31	54.00	7.3X	CMS	117.44	243	ePKP	36	39.00	6.4X			
BUD	96.28	36	ePc	31	16.00	1.4	KYO	103.49	314	ePdiff	31	58.00	10.9X	BNG	117.74	75	iPKPc	36	37.90	4.2X			
SUT	96.32	319	eP	31	23.00	8.2X				ePP	36	18.00			1.1s	188.00nm							
			e	42	45.00		JMB	103.60	36	iPdiff	31	56.00	8.6X				i	37	08.10				
WEL	96.48	229	P	31	26.00	10.6X	OSK	103.76	314	ePdiff	32	02.00	13.6X				i	38	08.60				
			PP	35	02.00					ePP	36	19.00		RTB	117.91	35	ePdiff	33	00.50	9.0X			
			e	41	03.00		OSA	103.82	314	ePdiff	32	04.00	15.4X				e	36	34.00				
			iSKS	41	58.00					ePP	36	20.00					i	36	57.00				
PSZ	96.51	35	iP	31	17.60	1.9	CN2	104.29	326	Pdiffc	31	54.00	3.5X				i	37	47.50				
HAK	96.51	318	eP	31	25.00	9.3X				PP	36	13.00		GTA	119.01	340	iPdiff	33	01.20	4.9X			
			e	42	46.00		DMK	104.68	36	ePdiff	31	58.80	6.5X	ANP	119.19	314	iPdiff	33	06.00	8.6X			
MIY	96.82	315	eP	31	24.00	6.8X	ATH	104.72	41	iPdiff	31	58.00	5.5X				eS	45	54.00				
			eS	42	44.00					eSKS	42	40.00		ASW	119.54	48	iPdiff	33	06.00	7.2X			
ERC	97.37	46	P	31	26.00	6.2X	EZN	105.15	38	ePdiff	31	59.40	5.0X				eS	46	50.00				
DZM	97.57	249	iPc	31	29.90	9.1X	CTT	105.50	36	ePdiff	32	04.00	8.0X	BHD	119.86	32	ePdiff	33	10.00	10.0X			
NOU	97.63	249	iPc	31	37.00	16.0X	EDC	105.71	37	ePdiff	31	46.00	-10.9X				i	37	50.00				
SGO	97.89	43	P	31	21.00	-0.9	BNT	105.74	37	ePdiff	31	48.00	-9.0X				i	43	18.00				
AKI	98.02	316	eP	31	23.00	0.5	RAB	105.82	271	e(Pdif	32	04.00	6.0X				i	44	54.00				
SEN	98.24	315	eP	31	33.00	9.4X	ISK	105.91	36	iPdiff	32	12.70	14.9X	WHN	119.94	323	Pdiff	33	06.00	5.6X			
BMR	98.58	34	eP	31	35.00	10.1X	IRK	106.05	343	Pdiff	32	02.00	3.9X	WHN	119.94	323	PKP	36	42.00	4.7X			
YAM	98.62	315	P	31	34.50	9.2X	GUA	106.41	291	ePdiff	32	04.50	4.0X				PP	38	10.00				
			e	42	54.00		GUMO	106.43	291	ePdiff	32	04.00	3.4X				PS	47	56.00				
BEO	98.65	37	iP	31	33.60	8.3X	IZM	106.63	39	ePdiff	32	04.00	2.9X	XAN	120.04	330	ePdiff	33	07.00	6.1X			
			iPP	35	56.40		SNY	106.64	326	ePdiff	32	03.60	2.6X	XAN	120.04	330	ePKP	36	41.40	3.9X			

19d 13h

KER	120.29	29	ePKP	36	55.00	16.9X
TAS	120.31	7	Pdiff	33	08.00	6.1X
LZH	120.53	335	ePdiff	33	07.00	3.8X
LZH	120.53	335	PKP	36	41.00	2.5X
	N 17s		600.00um			
	E 18s		536.60um			
			PP	38	08.00	
			S	45	26.00	
			PS	48	02.00	
TEH	120.95	25	e(PKP)	36	40.00	0.7
QZH	121.33	316	Pdiff	33	12.00	5.3X
SAM	121.61	9	Pdiff	33	14.00	6.2X
KSH	122.64	1	Pdiff	33	18.00	5.5X
			PP	38	27.00	
ADE	123.55	240	e(PKP)	36	48.50	4.3X
	1.1s		48.10nm			
WIN	123.56	105	ePKP	36	49.00	4.2X
	1.0s		65.00nm			
SYO	124.02	164	ePKP	36	47.60	3.6X
CD2	125.03	332	Pdiff	33	31.00	7.8X
CD2	125.03	332	iPKPc	36	55.00	7.8X
BAG	125.38	306	ePdiff	33	30.00	4.8X
BAG	125.38	306	ePKP	36	47.00	-1.4
GZH	126.04	318	Pdiff	33	36.00	8.2X
GZH	126.04	318	PKP	36	54.00	4.7X
			PP	38	46.00	
QCP	126.04	304	ePdiff	33	44.00	16.0X
HKC	126.07	317	e(Pdif	33	35.00	7.0X
HKC	126.07	317	iPKP	36	54.00	4.6X
			iPP	38	40.00	
			iPKS	40	13.00	
DAV	126.30	294	ePdiff	33	34.00	4.8X
DAV	126.30	294	ePKP	36	58.00	7.9X
WRA	126.44	258	PKPc	36	48.00	-2.2X
	0.6s		4.50nm			
SHI	126.71	27	ePKP	36	44.00	-6.6X
GYA	127.33	327	Pdiff	33	45.00	11.3X
SUR	127.41	117	ePKP	36	46.00	-5.9X
	1.5s		222.22nm			
MAW	129.73	173	ePKP	36	55.00	0.1
			e	49	46.00	
LWI	129.75	77	iPdiff	33	51.40	6.5X
LWI	129.75	77	iPKP	37	02.60	5.7X
			iPP	39	03.00	
			iSKKS	44	39.40	
KMI	130.41	329	PKPc	37	03.00	5.1X
LSA	130.59	344	PKP	37	01.00	2.6X
			PP	39	18.00	
QUE	130.85	12	e(Pdif	33	56.00	6.7X
OIZ	131.22	318	Pdiff	34	00.00	9.0X
			PP	39	19.00	
BLF	132.11	113	ePKP	37	02.60	1.7
	0.9s		92.31nm			
			i	37	11.00	
BFS	132.65	110	ePKP	37	00.90	-1.1
	0.9s		230.25nm			
KSR	132.74	109	ePKP	37	18.50	16.3X
LSZ	132.83	94	ePKP	36	54.60	-7.9X
			i	37	10.00	
			i	40	43.00	
AAE	133.19	58	ePKP	37	07.00	3.4X
SEK	133.39	112	ePKP	37	03.50	0.1
	1.0s		70.00nm			
NDI	133.40	0	ePKP	36	55.00	-8.2X
BUL	133.94	101	PKPd	37	10.30	5.7X
			PKS	40	44.80	
SLR	133.98	108	iPKPd	37	04.60	0.1
SHL	134.30	342	ePdiff	34	10.00	5.2X
KRI	134.44	96	ePKP	37	11.00	5.4X
EVA	134.70	118	ePKP	37	05.50	-0.4
	1.0s		110.00nm			
			i	37	13.00	
MTD	136.30	95	iPKPd	37	12.50	3.4X
			iSKP	40	35.90	
VAR	136.44	353	ePKP	37	15.00	6.0X
NAI	136.70	72	ePKP	37	07.00	-3.1X
	0.8s		29.85nm			
			iS	37	35.00	
MKS	137.02	282	iPKPc	37	14.50	4.1X
LOE	137.33	325	ePKP	37	06.00	-4.9X
JOZ	137.33	111	e(PKP)	37	09.00	-1.7
BOK	137.45	349	ePKP	37	21.00	10.0X
CHG	137.60	329	ePKP	37	05.00	-6.4X
TET	138.69	94	ePKP	37	13.00	0.7
	2.0s		820.00nm			
CAL	138.15	345	ePKP	37	28.80	16.5X
BDT	138.90	328	ePKP	37	17.20	3.4X

	1.0s		55.20nm			
NST	139.62	325	ePKP	37	13.00	-2.1
PCT	139.70	323	ePKP	37	15.00	-0.2
			e	40	11.00	
MBL	140.08	259	ePKP	37	13.00	-2.8X
KHT	141.18	326	ePKP	37	18.90	1.0
NWAO	141.48	240	ePKP	37	17.00	-1.0
KHKI	141.69	280	ePKP	37	15.10	-3.8X
DNP	142.16	279	ePKPc	37	17.00	-2.7X
NNT	142.34	323	ePKP	37	15.20	-4.8X
MUN	142.53	241	ePKP	37	14.00	-5.9X
	Z 20s		330.00um			8.1Msz
BOM	142.86	7	iPKP	37	11.00	-9.8X
POO	143.33	6	iPKP	37	17.80	-3.9X
NAU	144.15	257	ePKP	37	20.00	-2.9X
	0.8s		316.00nm			
TRT	144.24	282	ePKPc	37	20.10	-3.2X
HYB	144.60	358	ePKPc	37	21.00	-2.8X
			i	37	26.80	
SJI	145.06	283	ePKP	37	22.90	-1.8
GOA	146.35	6	ePKP	37	11.00	-15.7X
IPM	147.57	312	ePKPd	37	29.20	0.4
	1.0s		42.20nm			
			e	37	37.20	
			e	37	46.10	
KGM	147.58	306	ePKPd	37	32.20	3.4X
			i	37	50.00	
KLM	148.14	309	ePKPc	37	37.70	8.0X
			e	38	48.00	
GBA	148.41	0	PKP	37	29.80	-0.2
			e	37	37.30	
LEM	148.53	287	ePKPc	37	32.50	2.0
TSI	150.05	314	ePKPd	37	31.60	-1.1
			eS	38	00.70	
PSI	150.38	312	ePKPd	37	23.50	-9.6X
BSI	150.62	322	ePKP	37	46.50	13.0X
PPI	151.40	306	ePKPd	37	39.50	4.8X
	1.0s		55.10nm			
KOD	151.76	0	ePKP	37	35.50	-0.1
			ePP	41	20.00	
TRD	153.49	1	ePKP	37	40.50	2.9
	S.D. = 1.3		on 311 of 614 obs.			

? SEP 19, 1985 14h 15m 13.29± 4.11s
17.800 N ±31.5km 103.972 W ±32.5km
DEPTH = 33.0km (normal)
NEAR COAST OF MICHOACAN, MEXICO (56)

III	4.32	82	iP	16	18.00	-0.6
			IS	17	04.50	
IIC	4.88	66	eP	16	27.00	0.4
PIO	5.76	103	eP	16	39.00	0.2
VVO	18.94	21	e(P)	19	38.00	3.9X
TUL	19.44	20	ePd	19	40.30	0.3
	0.7s		20.50nm			4.5mb
RLO	19.94	22	iP	19	45.00	-0.3
	S.D. = 0.6		on 5 of 6 obs.			

SEP 19, 1985 15h 08m 53.95± 0.77s
46.499 N ± 7.1km 0.856 E ± 7.3km
DEPTH = 10.0 ± 4.7 km
FRANCE (538)
ML 2.8 (LDG).

LSF	0.53	118	Pg	09	03.60	-1.1
			Sg	09	11.80	
MFF	0.70	279	Pg	09	02.90	-4.9X
			Sg	09	10.40	
TCF	0.96	102	Pg	09	11.20	-1.1
			Sg	09	24.50	
MZF	1.23	103	Pg	09	15.50	-1.3
			Sg	09	31.60	
RJF	1.28	159	Pg	09	16.60	-1.1
			Sg	09	33.90	
BGF	1.38	87	Pn	09	17.80	-1.4
			Pg	09	18.90	
			Sg	09	35.40	
AVF	1.74	79	Pg	09	25.00	0.6
			Sg	09	46.00	
CAF	1.79	151	Pg	09	26.50	1.4
			Sg	09	50.00	
LPO	1.83	173	Pg	09	26.90	1.2
			Sg	09	50.00	
SSF	1.91	72	Pg	09	26.80	0.0
			Sg	09	51.00	
LPF	2.00	321	Pg	09	27.20	-1.0
			Sg	09	50.50	

SMF	2.06	85	Pg	09	31.30	2.2
			Sg	09	57.20	
LOR	2.20	68	Pg	09	31.80	0.7
			Sg	09	59.10	
LBF	2.20	76	Pg	09	32.10	1.0
			Sg	09	59.70	
GRR	2.22	329	Pg	09	31.00	-0.3
			Sg	09	58.10	
FLN	2.44	339	Pg	09	34.60	0.2
			Sg	10	04.40	
	S.D. = 1.3		on 15 of 16 obs.			

SEP 19, 1985 15h 14m 16.56± 0.72s
46.477 N ± 6.7km 0.842 E ± 7.0km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.8 (LDG).

LSF	0.53	115	Pg	14	26.50	-0.7
			Sg	14	34.50	
MFF	0.69	281	Pg	14	25.90	-4.4X
			Sg	14	33.50	
TCF	0.97	101	Pg	14	34.10	-0.8
			Sg	14	47.50	
MZF	1.23	102	Pg	14	38.30	-1.2
			Sg	14	54.70	
RJF	1.26	158	Pg	14	39.20	-0.8
			Sg	14	56.70	
BGF	1.39	86	Pn	14	40.60	-1.3
			Pg	14	41.80	
			Sg	14	58.00	
AVF	1.76	79	Pg	14	47.80	0.6
			Sg	15	08.60	
CAF	1.77	151	Pg	14	48.90	1.4
			Sg	15	12.90	
LPO	1.81	172	Pg	14	48.90	0.9
			Sg	15	12.90	
SSF	1.92	71	Pg	14	49.80	0.2
			Sg	15	13.80	
LPF	2.02	321	Pg	14	50.10	-0.9
			Sg	15	13.30	
LBF	2.22	76	Pg	14	55.70	1.8
			Sg	15	22.80	
LOR	2.22	68	Pg	14	55.10	1.2
			Sg	15	21.20	
GRR	2.23	330	Pg	14	53.00	-1.1
			Sg	15	20.70	
FLN	2.46	339	Pg	14	58.30	1.0
			Sg	15	26.80	
	S.D. = 1.2		on 14 of 15 obs.			

• SEP 19, 1985 15h 27m 02.91± 1.41s
17.656 N ±17.0km 101.926 W ± 9.3km
DEPTH = 33.0km (normal)
4.0mb (3 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.45	73	iP	27	41.00	-0.6
			IS	28	11.00	
OXM	2.68	52	iP	27	45.00	0.0
TPM	3.02	64	iP	27	49.00	-0.8
UNM	3.09	57	eP	27	53.00	2.2
IIC	3.29	50	eP	27	53.00	-0.6
			IS	28	37.00	
PIO	3.84	108	iP	28	01.00	-0.2
VHO	4.97	94	iP	28	18.00	0.5
JCT	12.91	8	eP	30	11.00	4.2X
	1.2s		23.44nm			5.1mb X
ALQ	17.69	348	eP	31	09.50	0.9
	1.0s		7.50nm			3.8mb
GLA	19.23	325	eP	31	34.00	6.7X
PLM	20.60	322	eP	31	55.00	12.9X
MWC	21.92	322	eP	32	03.00	7.6X
GSC	22.00	326	eP	31	58.00	1.9
SBB	22.11	323	eP	32	08.00	10.8X
GOL	22.17	353	eP	31	57.00	-1.0
CLC	22.81	326	eP	32	08.00	3.9X
BDW	25.87	347	eP	32	31.50	-2.1
	1.0s		4.20nm			4.0mb
BMN	26.26	333	eP	32	37.00	-0.1
	1.0s		4.50nm			4.0mb
LRM	29.42	345	iPd	33	05.60	-0.3
INK	54.42	346	eP	36	29.00	0.2
			pP	36	36.00	23kmX
HYB	145.15	359	ePKP	46	34.50	-5.1X
PSI	151.16	313	ePKPd	46	56.00	6.9X
	S.D. = 1.2		on 14 of 22 obs.			

SEP 19, 1985 15h 50m 40.89± 0.55s
17.959 N ± 9.2km 102.408 W ± 5.7km
DEPTH = 33.0km (normal)
4.8mb (21 obs.)
NEAR COAST OF MICHOACAN, MEXICO (56)

III	2.83	81	iP	51	25.50	0.6
			iS	51	55.00	
OXM	2.90	62	iP	51	26.50	0.4
TPM	3.34	72	iP	51	32.50	0.3
UNM	3.35	65	iP	51	35.00	2.5
IIC	3.48	58	eP	51	40.00	5.6X
PIO	4.38	110	iP	51	45.20	-1.6
VHO	5.46	97	iP	52	03.00	0.7
			i	53	13.00	
LTX	11.38	354	eF	53	25.50	1.2
	1.0s		14.90nm			5.1mb X
ALQ	17.30	349	eP	54	42.30	0.6
	0.8s		5.04nm			3.7mb X
GLA	18.72	326	eP	55	01.00	1.8
			e	55	05.00	
TUL	18.82	17	eP	54	58.00	-2.3
	0.7s		46.50nm			4.8mb
RLO	19.28	18	eP	55	02.80	-3.0X
BAR	19.49	321	eP	55	12.00	3.8X
RVR	20.84	323	eP	55	22.00	-0.3
MWC	21.40	322	eP	55	28.00	-0.2
PAS	21.41	322	eP	55	27.00	-1.1
GSC	21.50	326	eP	55	29.00	0.0
SBB	21.60	323	eP	55	32.00	1.9
NOP	21.80	329	P	55	32.10	0.0
GOL	21.82	354	eP	55	31.20	-1.3
	1.0s		6.00nm			4.0mb
GLD	21.85	354	eP	55	34.00	1.3
	1.1s		38.57nm			4.7mb
MSU	22.18	339	P	55	36.00	-0.1
CLC	22.31	326	eP	55	39.00	1.9
FVM	22.54	25	eP	55	38.00	-1.3
SYP	22.76	328	eP	55	44.00	2.4
CWC	23.03	326	eP	55	45.00	0.7
DAU	23.64	343	P	55	49.00	-1.4
PRI	24.26	322	eP	55	57.30	1.0
FRI	24.32	325	eP	55	56.00	-0.6
MNA	24.60	329	eP	56	00.70	1.2
LLA	24.75	322	e(P)	56	01.00	0.1
JAS1	25.39	325	ePc	56	06.50	-0.4
BDW	25.48	348	eP	56	05.50	-2.4
	1.1s		11.76nm			4.4mb
ARN	25.60	323	eP	56	08.50	-0.4
MHC	25.66	323	eP	56	09.50	0.0
BMN	25.79	333	iP	56	10.50	-0.2
	1.0s		5.75nm			4.1mb
ORV	27.15	326	eP	56	22.40	-0.7
LRM	29.01	345	ePc	56	38.50	-1.7
YKA	45.30	352	eP	58	56.00	-1.1
INK	54.02	346	eP	00	03.00	-0.8
COL	55.78	338	eP	00	15.00	-1.8
	1.0s		11.50nm			4.9mb
MBC	58.97	355	eP	00	38.00	-1.1
SOB1	66.45	109	eP	01	29.20	-0.5
ITR	68.51	107	eP	01	42.00	-0.7
EKA	80.56	35	Pd	02	51.50	0.2
	0.9s		9.70nm			4.8mb
GRR	84.18	41	eP	03	10.80	0.6
	0.8s		15.40nm			5.2mb
LPF	84.19	41	eP	03	10.70	0.5
	0.6s		10.00nm			5.2mb
FLN	84.28	41	eP	03	11.50	0.8
	0.8s		23.50nm			5.4mb
LDF	84.57	41	eP	03	12.80	0.7
	0.8s		10.70nm			5.1mb
MFF	85.26	43	eP	03	16.10	0.5
	0.8s		5.30nm			4.8mb
IFR	86.12	56	eP	03	27.00	6.6X
LFF	86.45	44	eP	03	22.00	0.5
	0.8s		6.10nm			4.9mb
LSF	86.47	42	eP	03	21.80	0.1
RJF	86.82	43	eP	03	23.80	0.4
	0.8s		8.00nm			5.0mb
LPO	86.84	44	eP	03	23.40	-0.1
EPF	86.88	46	eP	03	24.40	0.6
	0.8s		4.00nm			4.7mb
TCF	86.89	42	eP	03	24.00	0.2
	0.8s		4.90nm			4.8mb
MZF	87.16	42	eP	03	25.20	0.2
	0.8s		6.40nm			4.9mb
BGF	87.19	42	eP	03	24.80	-0.4
	0.8s		6.90nm			4.9mb
SSF	87.41	41	eP	03	25.60	-0.6
	0.8s		4.00nm			4.7mb
LOR	87.55	41	eP	03	26.20	-0.7
	1.0s		6.80nm			4.9mb
LBF	87.74	41	eP	03	26.70	-1.1
	0.9s		3.70nm			4.7mb
WRA	126.51	258	PKP	09	43.00	-0.1
	0.6s		1.00nm			
HYB	144.83	358	ePKP	10	14.00	-3.0X
	1.0s		40.00nm			
KGM	147.81	305	ePKPd	10	25.80	3.8X
IPM	147.81	312	ePKPd	10	23.00	1.0
PSI	150.62	312	ePKP	10	30.60	4.3X
	0.7s		26.90nm			
S.D. = 1.1 on 60 of 67 obs.						

* SEP 19, 1985 16h 06m 33.38± 1.08s
18.231 N ±14.3km 102.765 W ± 9.9km
DEPTH = 33.0km (normal)
4.0mb (7 obs.)
MICHOACAN, MEXICO (57)

OXM	3.10	70	eP	07	19.00	-2.5
III	3.14	87	eP	07	20.00	-1.8
III	3.14	87	iP	07	30.00	8.2X
III	3.14	87	iP	07	30.00	8.2X
UNM	3.57	72	eP	07	36.50	8.5X
TPM	3.59	77	eP	07	26.00	-2.3X
IIC	3.65	65	eP	07	36.00	6.7X
			iSg	08	36.50	
PIO	4.79	112	eP	07	48.00	2.9
LTX	11.08	356	eP	09	14.00	1.3
	1.1s		47.06nm			5.6mb X
JCT	12.49	12	eP	09	34.50	2.9
	1.8s		140.91nm			5.8mb X
ALQ	16.97	350	eP	10	31.00	1.0
	1.0s		7.00nm			3.7mb
VVO	18.14	19	eP	10	45.10	0.6
GLA	18.31	326	eP	10	54.00	7.4X
TUL	18.66	18	iPc	10	50.60	-0.2
	1.2s		127.80nm			5.0mb
RLO	19.13	19	ePc	10	55.00	-1.5
PLM	19.66	323	eP	11	02.00	-0.8
RVR	20.42	323	eP	11	10.00	-0.5
MWC	20.98	322	eP	11	16.00	-0.4
GSC	21.08	327	eP	11	17.00	-0.4
SBB	21.18	324	eP	11	20.00	1.7
GOL	21.51	355	eP	11	22.80	0.9
	0.9s		3.41nm			3.8mb
CLC	21.89	326	eP	11	25.00	-0.5
FVM	22.45	26	iP	11	31.00	0.1
	1.0s		35.00nm			4.8mb
JAS1	24.97	325	eP	11	55.50	0.1
	1.0s		0.80nm			3.3mb
BDW	25.14	348	eP	11	58.50	1.3
	1.0s		6.00nm			4.1mb
ARN	25.18	323	eP	11	56.00	-1.4
BMN	25.39	334	iP	12	00.00	0.5
	1.0s		4.75nm			4.0mb
SCH	45.68	28	eP	14	52.00	-0.7
INK	53.68	346	eP	15	52.00	-1.8
COL	55.41	338	eP	16	05.00	-1.5
MBC	58.67	355	eP	16	28.00	-1.5
IFR	86.25	56	iP	19	15.50	1.9
ASPA	127.08	254	ePKP	25	19.00	-17.6X
	0.7s		13.00nm			
HYB	144.55	358	ePKP	26	07.00	-2.0
GBA	148.37	360	PKPc	26	17.80	2.6
	0.4s		3.60nm			
S.D. = 1.6 on 28 of 35 obs.						

? SEP 19, 1985 16h 43m 43.51± 5.27s
24.502 N ±11.5km 122.547 E ±48.0km
DEPTH = 33.0km (normal)
TAIWAN REGION (243)

TWC	0.64	280	iPc	43	57.50	1.4
TWD	0.96	244	iPc	44	00.70	0.0
TWZ	1.06	304	iPd	44	01.30	-0.8
			eS	44	13.50	
ANP	1.16	306	eP	44	03.50	0.0
TWQ	1.58	262	iPd	44	08.00	-1.5
TWF1	1.62	225	iP	44	10.00	-0.1
TWG	2.15	219	iPc	44	17.50	-0.3
S.D. = 1.1 on 7 of 7 obs.						

SEP 19, 1985 17h 24m 24.03± 0.79s
36.320 N ± 5.6km 21.648 E ± 3.3km
DEPTH = 47.1 ± 7.1 km
4.5mb (45 obs.)
SOUTHERN GREECE (368)

VLS	2.04	336	ePn	24	58.00	1.5
			eSb	23	45.10	
ATH	2.34	44	ePn	25	02.10	1.4
			eSn	25	44.40	
NPS	3.39	107	ePb	25	15.00	-0.8
			ePg	25	23.00	
LIT	3.83	10	eP	25	23.70	1.6
KZN	3.98	1	ePn	25	26.40	2.2
THE	4.43	13	eP	25	31.40	1.6
			eS	26	23.90	
PRK	4.68	50	ePn	25	35.60	1.6
OHR	4.83	352	iPnc	25	37.40	1.3
IZM	4.93	63	eP	25	36.90	-0.6
KNT	4.93	11	eP	25	38.90	1.4
SRS	5.03	17	eP	25	39.80	1.0
VAY	5.05	8	iPn	25	40.30	1.2
EZN	5.09	45	eP	25	38.40	-1.3
YER	5.39	79	iPn	25	44.30	0.2
MMB	5.51	16	iPc	25	46.00	0.4
SKO	5.65	358	iPnc	25	47.90	0.3
			iS	26	50.00	
ULC	5.94	342	ePn	25	50.50	-1.1
			eSn	26	56.50	
KDZ	6.05	27	iPc	25	53.00	-0.1
KGT	6.06	45	iP	25	55.20	1.8
PLD	6.24	21	iPc	25	57.00	1.1
EDC	6.33	49	eP	25	58.00	0.9
BDV	6.34	341	ePn	25	55.50	-1.8
			eSn	27	04.00	
BNT	6.37	49	eP	25	57.20	-0.5
TTG	6.38	344	iPnc	25	56.60	-1.1
			iSn	27	06.00	
VTS	6.39	10	iPc	25	59.00	1.1
PVY	6.40	349	ePn	25	58.50	0.3
			eSn	27	10.00	
KCT	6.57	51	eP	26	03.00	2.4
HCY	6.59	339	ePn	25	58.50	-2.2
			eSn	27	10.00	
ELL	6.66	84	iP	26	01.40	-0.6
IVA	6.68	349	ePn	26	02.00	-0.1
NKY	6.80	343	ePn	26	02.30	-1.5
BRY	6.99	341	ePn	26	04.20	-2.4
			eSn	27	20.00	
CTT	7.16	46	eP	26	09.00	0.2
PLE	7.21	347	ePn	26	08.50	-1.1
BCK	7.26	78	eP	26	10.00	-0.2
DMK	7.26	39	eP	26	09.30	-0.9
PVL	7.34	21	iPc	26	12.00	0.8
ISK	7.48	48	eP	26	14.00	0.7
HRT	7.72	52	eP	26	18.20	1.5
GPA	7.88	57	iP	26	18.80	0.0
SSR	8.53	0	eP	26	25.00	-2.8
BEO	8.54	354	iPn	26	24.80	-3.0
			iSg	27	59.90	
CLO	8.79	5	iPc	26	30.50	-0.8
COZ	9.22	12	iPc	26	37.00	-0.4
TLB	9.58	29	iPd	26	42.00	-0.2
DEV	9.60	5	ePc	26	44.00	1.5
MLR	9.72	18	iPd	26	44.50	0.3
VRI	10.28	20	ePc	26	56.00	4.3X
CEY	10.87	332	iP	26	58.00	-1.8
	0.6s		752.00nm			7.0mb X
			iS	28	53.60	
LJU	11.09	333	ePc	27	01.10	-1.7
			iS	28	58.10	
TRI	11.10	330	ePn	26	59.50	-3.4X
			iSn	28	56.10	
			e	29	09.40	
			e	29	16.10	
VOY	11.32	331	ePc	27	04.30	-1.7
			i(S)	28	59.40	
BUD	11.32	351	iPd	27	05.50	-0.4
	0.8s		46.00nm			5.6mb X
BMR	11.43	6	ePc	27	09.00	1.7
PSZ	11.66	354	iP	27	08.60	-2.0
	0.8s		21.70nm			5.3mb X
SRO	11.75	349	eP	27	09.30	-2.3
HRI	11.98	101	iP	27	08.00	-6.9X
JER	12.12	108	iP	27	18.50	1.8
ZST	12.33	346	eP	27	16.90	-2.5
			i	27	41.50	

19d 17h

		e	29 39.90			
KBA	12.40	333 iPc	27 18.30	-2.2		
	1.0s	493.00nm		6.5mb X		
		i	27 30.80			
		i	27 34.70			
		i(S)	29 24.30			
		i	29 31.50			
		i	29 34.50			
PRNI	12.63	114 iP	27 16.00	-7.7X		
		iS	29 29.00			
SPC	12.90	356 e(P)	27 26.20	-1.0		
BHG	13.11	333 eP	27 28.60	-1.2		
	1.2s	57.00nm		5.4mb		
OSS	13.46	324 eP	27 34.50	0.0		
TMA	13.70	319 eP	27 36.80	-0.8		
KRA	13.79	355 eP	27 38.90	0.3		
		i	27 52.70			
FUR	14.09	330 eP	27 41.20	-1.4		
KHC	14.10	338 iP	27 41.50	-1.2		
	1.0s	14.00nm		4.6mb		
		e	27 51.40			
		e	30 13.50			
		e	30 26.50			
LLS	14.15	322 eP	27 44.00	0.5		
SAX	14.25	324 eP	27 45.70	0.8		
DIX	14.47	317 eP	27 47.00	-0.8		
LPG	14.50	314 eP	27 51.20	2.9		
	1.0s	8.00nm		4.2mb		
PRU	14.60	342 P	27 47.40	-1.8		
		e	28 01.50			
SLE	15.02	324 eP	27 56.40	1.7		
KSP	15.02	347 eP	27 54.50	-0.2		
	1.5s	48.00nm		4.5mb		
		i	28 01.70			
GRF	15.37	334 eP	28 04.00	4.8X		
RTB	15.70	97 eP	28 03.00	-0.6		
BUH	15.79	326 eP	28 10.00	5.3X		
BSF	15.90	321 eP	28 05.40	-0.8		
	1.2s	77.10nm		4.7mb		
MOX	16.04	336 eP	28 07.00	-0.8		
	1.0s	17.00nm		4.1mb		
CDF	16.05	323 eP	28 08.40	0.3		
	0.6s	14.40nm		4.3mb		
CLL	16.21	340 eP	28 11.00	1.1		
	1.7s	50.00nm		4.4mb		
		i	28 24.90			
HAU	16.24	321 eP	28 09.60	-0.8		
	1.0s	53.60nm		4.6mb		
SMF	16.83	313 eP	28 17.80	0.1		
	0.6s	5.40nm		3.9mb		
TNS	16.86	330 eP	28 21.20	3.1X		
LBF	16.93	314 eP	28 21.00	2.0		
	1.0s	9.60nm		3.9mb		
CAF	17.14	306 eP	28 22.10	0.4		
	1.2s	17.80nm		4.1mb		
LOR	17.15	315 eP	28 21.90	0.1		
	1.0s	10.00nm		3.9mb		
MLS	17.15	299 eP	28 23.30	1.5		
AVF	17.19	313 eP	28 22.30	0.1		
	1.0s	9.10nm		3.9mb		
SSF	17.24	314 eP	28 23.00	0.1		
	1.0s	10.00nm		3.9mb		
MSL	17.32	83 eP	28 23.00	-1.0		
MZF	17.37	311 eP	28 25.10	0.6		
	1.2s	22.80nm		4.2mb		
BGF	17.38	312 eP	28 24.80	0.2		
	1.0s	10.30nm		3.9mb		
WLF	17.46	325 Pd	28 28.60	3.1X		
GRC	17.62	314 iPc	28 26.00	-1.5		
LPO	17.63	305 eP	28 30.60	2.9		
	0.8s	8.00nm		3.9mb		
TCF	17.63	310 eP	28 27.00	-0.8		
	1.0s	11.10nm		3.9mb		
RJF	17.65	307 eP	28 26.80	-1.2		
	1.2s	14.20nm		4.0mb		
EPF	17.70	299 eP	28 33.10	4.5X		
	0.8s	5.30nm		3.7mb		
LFF	18.02	305 eP	28 33.20	0.7		
LSF	18.04	310 eP	28 32.00	-0.8		
	1.0s	11.80nm		4.0mb		
MEM	18.19	327 Pc	28 38.50	4.0X		
ENN	18.34	327 eP	28 38.50	2.1		
	1.2s	45.00nm		4.5mb		
DOU	18.49	323 P	28 39.00	0.8		
		e	28 47.60			
WTS	18.88	331 ePc	28 45.00	2.0		
	1.0s	39.00nm		4.6mb		

BHD	18.91	93 eP	28 42.00	-1.5		
SNF	18.91	324 P	28 45.80	2.4		
UCC	19.07	325 P	28 49.00	3.8X		
MFF	19.24	309 eP	28 47.80	0.7		
	1.0s	21.60nm		4.4mb		
LDF	20.13	314 eP	28 55.50	-1.1		
	1.0s	21.60nm		4.4mb		
LPF	20.40	312 eP	28 58.60	-0.8		
	1.2s	29.70nm		4.5mb		
FLN	20.42	314 eP	28 57.50	-2.1		
	1.0s	26.60nm		4.5mb		
GRR	20.46	313 eP	29 00.60	0.6		
	1.0s	19.20nm		4.4mb		
TOL	20.51	288 eP	29 05.00	4.3X		
KER	20.85	88 eP	29 04.00	-0.3		
MAL	20.93	279 iP	29 04.30	-0.6		
MUD	21.84	341 iPd	29 16.70	2.8		
	1.0s	36.00nm		4.7mb		
IFR	22.11	271 iP	29 18.00	1.0		
UPP	23.70	355 iP	29 32.30	0.3		
	1.0s	100.00nm		5.3mb		
NUR	24.28	4 iP	29 38.10	0.4		
	0.6s	28.60nm		5.0mb		
EKA	25.47	326 Pd	29 48.50	-0.5		
	0.9s	11.70nm		4.4mb		
NB2	25.62	348 P	29 49.00	-1.4		
	1.1s	53.40nm		5.0mb		
EDI	25.85	327 eP	29 56.80	4.3X		
	0.5s	8.00nm		4.5mb		
		e	30 03.80			
EDU	26.17	328 eP	29 58.10	2.6		
EAB	26.52	327 ePc	29 59.70	1.0		
	0.5s	8.00nm		4.6mb		
		e	30 09.40			
SUF	26.57	5 iP	29 59.10	-0.1		
SHI	26.67	96 eP	30 01.00	0.4		
KJF	28.15	6 iP	30 13.20	-0.3		
	0.8s	27.90nm		5.0mb		
SOD	31.23	4 iP	30 40.70	-0.1		
BNG	31.86	186 iPc	30 46.20	-0.7		
	0.9s	50.00nm		5.3mb		
		i	30 56.00			
KEV	33.62	3 iP	31 02.20	0.6		
	0.5s	29.50nm		5.4mb		
QUE	38.10	86 eP	31 34.40	-6.0X		
KIC	38.37	225 eP	31 41.00	-1.5		
LWI	38.94	169 iPd	31 48.00	0.6		
DAG	44.32	348 iPd	32 31.20	0.6		
	0.6s	8.00nm		4.7mb		
NDI	46.94	83 iPc	32 51.50	-0.5		
	0.7s	108.22nm		5.9mb X		
		eS	39 40.00			
POO	49.01	97 iPd	33 08.80	0.6		
LSZ	51.69	172 iP	33 28.40	-0.2		
HYB	53.38	95 eP	33 40.00	-1.3		
ALE	53.44	351 eP	33 41.50	0.6		
	0.7s	9.00nm		4.9mb		
DMN	53.69	80 eP	33 43.10	-0.6		
KKN	53.75	80 eP	33 43.10	-1.0		
PKI	53.95	80 eP	33 44.60	-1.1		
GBA	54.60	99 P	33 49.00	-1.1		
		e	34 53.00			
KOD	56.59	103 eP	34 04.50	-0.4		
SHL	60.02	79 iP	34 26.20	-2.4		
SCH	60.42	318 eP	34 31.00	0.3		
LZH	64.24	63 iPc	34 56.50	-0.2		
	1.0s	61.00nm		5.6mb X		
MBC	65.02	350 eP	35 02.00	1.1		
KMI	68.76	74 Pc	35 24.00	-1.6		
CHG	69.07	82 iPc	35 27.00	-0.3		
	0.6s	8.33nm		4.9mb		
BJI	70.80	54 eP	35 37.00	-0.5		
ITR	72.00	244 eP	35 47.10	2.1		
NNT	73.11	87 eP	35 51.00	-0.6		
PCT	73.30	84 eP	35 52.00	-0.6		
INK	74.04	351 eP	35 57.00	0.9		
SOB1	74.10	246 eP	35 58.40	1.0		
		e	36 03.70			
		e	36 08.70			
PSI	78.16	95 ePd	36 20.50	0.3		
	0.7s	36.70nm		5.5mb		
IPM	78.75	93 ePc	36 21.00	-2.5		
PPI	81.21	97 ePd	36 37.50	0.9		
	0.7s	25.70nm		5.3mb		
KGM	82.10	93 ePd	36 42.80	1.6		
EDM	82.66	335 iP	36 45.50	1.9		
BAO	83.52	245 e(P)	36 57.40	8.8X		

MAT	86.63	46 eP	37 04.00	0.2
	1.0s	15.00nm		5.2mb
WRA	119.54	94 ePKP	43 09.50	-1.0
SPA	126.14	180 e(PKP)	43 21.00	-1.0
KOU	143.84	75 iPKPc	43 54.80	-1.2
DZM	146.35	75 iPKPc	44 02.90	2.5
NOU	146.48	75 iPKPc	44 03.20	2.8
	S.D. = 1.3	on 155 of 170 obs.		

* SEP 19, 1985 17h 25m 35.64± 0.68s
44.311 N ± 4.6km 110.927 W ± 9.1km
DEPTH = 5.0km (geophysicist)
YELLOWSTONE NATIONAL PARK, WYO. (459)
ML 2.7 (NEIS)

IMW	0.41	181 eP	25 43.50	-0.5
TMI	1.23	216 eP	25 58.80	-0.4
CCMT	1.52	294 ePnd	26 04.20	0.5
LCCM	1.67	337 ePn	26 05.70	-0.1
HPI	1.68	250 eP	26 06.50	0.5
BDW	1.82	147 eP	26 08.80	0.7
SXM	1.85	354 ePn	26 08.50	0.0
LRM	1.86	325 ePn	26 09.70	1.1
BUT	2.06	326 ePg	26 13.90	2.4X
		eSg	26 41.70	
HRY	2.48	345 ePn	26 16.70	-0.8
NEW	5.83	315 eP	27 04.00	-0.9
	S.D. = 0.8	on 10 of 11 obs.		

? SEP 19, 1985 17h 51m 51.42± 4.13s
17.579 N ±29.7km 101.816 W ±36.1km
DEPTH = 33.0km (normol)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.37	70 eP	52 29.00	-0.1
		iS	53 01.00	
UNM	3.05	55 eP	52 46.50	7.8X
		i	53 28.00	
IIC	3.26	48 eP	52 50.00	8.3X
		iS	53 36.50	
PIO	3.72	108 eP	52 48.00	0.0
PBJ	6.24	100 iP	53 19.00	-4.6X
VVO	18.50	16 e(P)	56 12.00	5.2X
TUL	19.03	15 eP	56 13.60	0.3
	0.8s	19.60nm		4.4mb
RLO	19.47	17 eP	56 18.20	-0.3
	S.D. = 0.4	on 4 of 8 obs.		

* SEP 19, 1985 18h 26m 16.11± 1.48s
18.331 N ±17.2km 102.670 W ±11.9km
DEPTH = 33.0km (normol)
4.2mb (8 obs.)
MICHOACAN, MEXICO (57)

OXM	2.98	71 eP	27 05.00	2.5
III	3.04	89 eP	27 09.00	5.8X
		iS	27 46.00	
UNM	3.45	73 eP	27 18.00	8.9X
TPM	3.48	79 eP	27 14.00	4.5X
IIC	3.53	66 eP	27 17.50	7.2X
		eS	28 02.00	
PIO	4.75	113 eP	27 28.00	0.8
PBJ	7.19	104 eP	28 12.00	10.4X
LTX	10.99	355 eP	28 57.00	2.8
	1.0s	16.00nm		5.2mb X
JCT	12.37	12 eP	29 14.10	1.3
	1.5s	55.56nm		5.5mb X
ALQ	16.88	349 eP	30 12.80	1.1
	1.0s	7.50nm		3.8mb
VVO	18.02	19 eP	30 24.10	-1.6
GLA	18.28	326 eP	30 36.00	7.1X
TUL	18.54	18 iPd	30 31.40	-0.6
	0.7s	30.30nm		4.6mb
RLO	19.01	19 iPd	30 36.10	-1.7
PLM	19.64	322 eP	30 44.00	-1.2
GSC	21.05	326 eP	31 01.00	1.2
SBB	21.15	323 eP	31 02.00	1.2
GOL	21.42	354 eP	31 04.20	0.5
	1.0s	5.50nm		3.9mb
MSU	21.75	340 P	31 07.30	0.3
FVM	22.32	26 iP	31 11.90	-0.4
	1.0s	21.00nm		4.5mb
RSCP	22.91	38 eP	31 16.30	-1.9
	0.8s	17.02nm		4.6mb
DUG	23.48	340 P	31 23.70	-0.2
	0.8s	2.92nm		3.8mb
EUR	24.02	334 iP	31 29.50	0.2

0.2s 6.14nm 4.8mb
BDW 25.06 348 eP 31 40.20 1.0
0.8s 2.19nm 3.8mb
BMN 25.34 333 eP 31 41.00 -0.8
SCH 45.55 28 eP 34 32.00 -2.4
INK 53.60 346 eP 35 34.00 -2.0
HYB 144.46 358 ePKP 45 48.00 -3.6X
S.D. = 1.5 on 21 of 28 obs.

SEP 19, 1985 18h 29m 30.62± 0.60s
17.789 N ± 9.1km 101.489 W ± 5.7km
DEPTH = 33.0km (normol)
5.0mb (13 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III 2.01 73 iP 30 05.50 2.4
i 30 34.00
UNM 2.67 55 iP 30 21.00 8.5X
IIC 2.89 47 eP 30 18.00 2.3
IIC 2.89 47 eP 30 22.00 6.3X
iS 31 05.00
PUE 3.37 68 iP 30 27.00 4.6X
PIO 3.50 113 eP 30 25.00 0.9
LTX 11.66 351 P 32 05.00 -12.9X
ALQ 17.65 346 eP 33 37.30 1.5
1.0s 13.00nm 4.0mb
VVO 18.21 15 iP 33 42.80 0.3
TUL 18.74 15 eP 33 46.50 -2.6
1.1s 92.80nm 4.9mb
i 33 48.70
RLO 19.18 16 eP 33 53.10 -1.2
GLA 19.36 324 eP 34 01.00 4.5X
BAR 20.17 320 eP 34 06.00 0.8
PLM 20.76 321 eP 34 11.00 -0.4
RVR 21.51 322 eP 34 19.00 0.2
SDW 21.77 323 P 34 21.90 0.3
MWC 22.08 321 eP 34 25.00 0.3
GOL 22.09 352 eP 34 24.20 -0.7
1.0s 20.50nm 4.5mb
PAS 22.09 321 eP 34 25.00 0.3
GLD 22.12 352 eP 34 25.50 0.4
1.0s 80.00nm 5.1mb
GSC 22.13 325 eP 34 26.00 0.9
SBB 22.26 322 eP 34 26.00 -0.4
FVM 22.33 24 iP 34 26.00 -1.0
1.0s 30.00nm 4.7mb
RSCP 22.67 35 iP 34 29.00 -1.4
CLC 22.94 325 eP 34 34.00 0.9
VPEM 23.16 325 P 34 36.50 1.2
SYP 23.46 319 eP 34 23.00 -15.2X
PRI 24.94 321 eP 34 52.80 0.3
FRI 24.97 324 eP 34 52.30 -0.3
EUR 25.01 333 eP 34 54.20 0.9
0.2s 36.28nm 5.6mb
MNA 25.20 328 eP 34 56.40 1.4
LLA 25.43 321 eP 34 56.50 -0.5
PRS 25.49 320 eP 34 57.10 -0.5
BDW 25.84 346 iP 35 00.50 -0.5
1.1s 31.29nm 4.8mb
JAS1 26.03 324 eP 35 02.50 -0.1
ARN 26.27 322 iP 35 05.60 0.8
MHC 26.33 322 eP 35 05.80 0.3
BMN 26.34 332 iP 35 06.10 0.6
1.1s 25.97nm 4.8mb
ORV 27.78 325 eP 35 19.20 0.6
LRM 29.40 344 iPc 35 33.60 0.2
NEW 32.96 341 eP 36 04.00 -0.4
SES 33.42 349 eP 36 08.00 -0.4
SJG 33.59 84 eP 36 09.00 -1.2
PNT 34.70 339 eP 36 19.00 -0.4
1.0s 31.00nm 5.2mb
EDM 36.55 348 iPc 36 34.60 -0.5
1.1s 84.00nm 5.5mb
FFC 36.87 360 iPc 36 36.40 -1.2
1.0s 23.00nm 5.0mb
ZOBO 47.18 134 eP 38 09.00 6.1X
STJ 49.55 42 ePc 38 20.60 0.3
INK 54.40 346 iPc 38 55.40 -0.9
COL 56.26 338 eP 39 09.00 -1.0
MBC 59.21 355 eP 39 31.00 0.5
1.1s 61.00nm 5.6mb
SOB1 65.57 109 eP 40 18.40 4.6X
e 40 19.00
ITR 67.63 108 eP 40 26.10 -0.8
DAG 71.14 14 iPd 40 46.40 -1.0
0.7s 15.07nm 5.2mb
i 40 53.00

IFR 85.49 56 iP 42 08.00 1.0
SHL 134.98 343 iPKP 48 48.00 -1.0
HYB 145.02 360 ePKPc 49 05.00 -2.0
GBA 148.79 2 PKP 49 14.00 0.8
S.D. = 1.0 on 50 of 58 obs.

SEP 19, 1985 18h 35m 41.40± 1.21s
28.080 N ± 9.1km 140.881 E ± 7.7km
DEPTH = 45.4 ± 12.5 km
5.0mb (7 obs.)
BONIN ISLANDS REGION (212)

CBI 1.52 130 iPd 36 06.20 -0.3
iS 36 25.30
MAT 8.73 346 eP 37 48.00 0.0
0.6s 7.33nm 4.9mb X
eS 39 46.00
NJ2 19.46 287 Pd 40 08.80 1.5
TIA 21.65 298 Pd 40 29.50 -0.3
BJI 23.61 307 eP 40 49.00 0.1
TIY 25.66 299 P 41 09.50 0.8
HHC 27.19 306 eP 41 21.60 -0.9
XAN 27.94 290 eP 41 28.80 -0.8
BTO 28.23 304 eP 41 31.50 -0.7
GYA 30.40 275 P 41 52.00 0.2
CD2 32.34 284 eP 42 08.60 -0.1
GTA 35.69 299 P 42 36.80 -0.7
WMQ 45.06 305 P 43 55.20 0.5
WRA 48.16 188 Pd 44 18.80 -0.4
0.6s 14.90nm 5.2mb
PKI 48.69 283 eP 44 24.60 0.9
0.9s 25.00nm 5.2mb
KKN 48.74 283 eP 44 25.20 1.2
0.8s 26.00nm 5.3mb
DMN 48.94 283 eP 44 26.80 1.3
0.9s 17.00nm 5.1mb
NDI 55.39 287 eP 45 12.00 -1.4
COL 57.03 29 eP 45 26.00 1.3
INK 62.62 25 eP 46 03.00 0.0
SOD 73.06 338 eP 47 08.00 -0.2
KJF 74.40 335 eP 46 57.00 -19.0X
DAG 74.64 355 iPd 47 17.40 0.2
0.7s 10.27nm 4.9mb
SUF 75.81 334 iP 47 23.20 -0.8
0.5s 2.30nm 4.4mb
NUR 77.66 333 iP 47 32.80 -1.6
SES 79.38 38 eP 47 45.50 1.4
HFS 82.06 336 eP 47 56.90 -1.1
0.5s 3.10nm 4.6mb
S.D. = 1.0 on 26 of 27 obs.

% SEP 19, 1985 19h 03m 57.17± 2.11s
38.829 N ±16.3km 29.259 E ±14.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KCT 1.58 334 iPn 04 25.70 0.4
IZM 1.62 255 ePn 04 25.90 0.0
GPA 1.67 29 ePn 04 26.60 0.0
BNT 1.84 326 ePn 04 29.20 0.1
EDC 1.86 325 ePn 04 28.10 -1.2
KGT 2.21 318 ePn 04 35.20 0.7
S.D. = 0.9 on 6 of 6 obs.

? SEP 19, 1985 19h 17m 47.50± 1.07s
38.856 N ±16.0km 75.633 E ±15.8km
DEPTH = 10.0km (geophysicist)
4.5mb (4 obs.)
SOUTHERN XINJIANG, CHINA (321)

NDI 10.23 172 eP 20 28.00 10.6X
eS 22 20.00
QUE 11.22 222 eP 20 32.40 1.3
eS 22 40.00
KKN 13.66 141 eP 21 03.00 -0.8
DMN 13.72 142 eP 21 05.30 0.5
0.8s 12.00nm 4.8mb X
PKI 13.90 141 eP 21 07.60 0.4
0.6s 5.00nm 4.5mb X
HYB 21.51 172 eP 22 44.00 5.3X
GBA 25.20 176 Pd 23 23.60 8.8X
0.8s 2.90nm 4.0mb
APO 43.44 321 eP 25 52.70 0.8
0.3s 4.00nm 4.7mb
NB2 44.77 321 P 26 03.20 0.5
0.5s 2.10nm 4.3mb
BNG 61.90 252 ePc 28 07.00 -2.7

0.6s 4.00nm 4.8mb
i 28 18.50
S.D. = 1.7 on 7 of 10 obs.

SEP 19, 1985 19h 37m 59.41± 0.33s
28.032 N ± 6.7km 140.706 E ± 6.0km
DEPTH = 33.0km (normol)
5.0mb (14 obs.)
BONIN ISLANDS REGION (212)

CBI 1.61 125 eP 38 25.00 -0.9
S 38 43.00
MAT 8.74 347 eP 40 08.00 1.4
eS 42 16.00
SHK 9.44 315 eP 40 14.40 -1.8
BAG 21.89 242 eP 42 53.00 1.3
BJI 23.51 307 eP 43 07.00 -0.2
eS 47 11.00
LZH 32.11 294 eP 44 25.00 -1.0
1.5s 68.00nm 5.3mb
LOE 37.33 262 eP 45 10.00 -0.7
CHG 39.24 266 iPd 45 28.00 1.3
1.2s 19.53nm 4.7mb
NST 39.44 261 eP 45 30.00 1.7
SHL 43.42 278 iP 46 01.60 0.5
WRA 48.09 188 Pd 46 37.10 -0.9
0.8s 46.10nm 5.6mb
CTA 48.14 173 eP 46 39.00 0.7
PKI 48.55 283 iPc 46 42.40 0.4
KKN 48.60 283 ePc 46 43.00 0.7
DMN 48.80 283 iPc 46 44.70 0.9
0.9s 68.00nm 5.7mb
ASPA 51.81 188 eP 47 04.00 -2.4
0.9s 16.00nm 5.0mb
NDI 55.26 287 iPd 47 31.00 -0.9
iS 55 15.00
BRS 56.31 167 eP 47 22.00 -17.4X
COL 57.15 29 eP 47 45.00 0.0
1.0s 15.00nm 5.0mb
GBA 60.27 270 P 48 08.00 0.7
POO 61.49 277 iPc 48 15.70 0.1
KOD 61.69 267 eP 48 18.00 0.6
INK 62.73 25 eP 48 22.00 -1.1
QUE 63.38 292 iPc 48 27.90 -0.3
KEV 71.66 340 iP 49 18.80 -0.6
0.5s 14.00nm 5.2mb
SOD 73.05 338 iP 49 26.80 -0.8
KJF 74.38 335 eP 49 35.00 -0.3
DAG 74.68 355 iPc 49 35.90 -1.0
1.0s 30.00nm 5.2mb
i 49 44.00
PNT 75.15 42 eP 49 41.00 0.9
SUF 75.78 334 iP 49 42.10 -1.3
0.7s 4.00nm 4.5mb
MSZ 76.50 160 eP 49 43.00 -4.6X
EDM 76.85 36 iPc 49 50.00 0.4
NEW 77.10 42 eP 49 52.00 0.9
NUR 77.64 333 eP 49 53.00 -0.7
SES 79.51 38 ePc 50 04.50 0.2
LRM 81.08 43 iPc 50 14.00 1.0
FFC 81.64 31 iPd 50 16.10 0.8
1.2s 16.00nm 4.9mb
EUR 82.05 49 iP 50 19.90 1.8
0.2s 6.70nm 5.3mb
HFS 82.04 336 eP 50 15.90 -1.5
0.7s 3.30nm 4.5mb
BDW 84.45 44 eP 50 31.10 0.7
1.0s 2.00nm 4.3mb
KHC 89.88 328 eP 50 55.30 -1.1
ALQ 90.88 49 eP 50 52.00 -9.5X
1.0s 2.50nm 4.5mb
ZOBO 150.92 72 PKP 57 46.00 0.3
S.D. = 1.0 on 40 of 43 obs.

* SEP 19, 1985 19h 5?m 48.42± 2.41s
18.561 N ±21.7km 103.079 W ±17.5km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
NEAR COAST OF MICHOACAN, MEXICO (56)

OXM 3.29 77 iP 32 39.00 -0.2
III 3.43 93 iP 52 41.00 -0.1
iS 53 24.00
UNM 3.77 78 eP 52 50.00 4.1X
IIC 3.81 71 eP 52 49.00 2.5X
eS 53 42.00
TPM 3.83 83 iP 52 47.00 0.3

19d 19h

PIO 5.19 114 eP 52 50.00 -15.9X
PBJ 7.62 105 eP 53 33.00 -7.0X
LTX 10.74 357 eP 54 30.20 7.1X
1.0s 9.60nm 5.0mb X
VVO 17.93 20 eP 55 57.50 0.6
TUL 18.44 19 eP 56 03.20 0.0
0.6s 17.20nm 4.4mb
RLO 18.92 20 e(P) 56 08.50 -0.6
INK 53.29 346 eP 01 06.00 0.0
S.D. = 0.5 on 7 of 12 obs.

SEP 19, 1985 20h 38m 38.63± 0.26s
22.316 S ± 4.1km 69.025 W ± 6.7km
DEPTH = 99.6km (22 depth phases)
4.9mb (16 obs.)
NORTHERN CHILE (123)

ANT 1.88 223 iPd+ 39 11.70 1.5
eS 39 34.00
YJA 3.27 83 iPc 39 30.10 0.9
S 40 05.00
HJA 3.46 106 iPd 39 33.00 1.6
SLA 4.03 127 iPd 39 39.80 0.3
S 40 29.00
CCH 5.61 29 P 40 01.80 0.4
LPB 5.82 9 iPd 40 05.80 1.4
i 40 21.30
(S) 41 32.00
ZOBO 6.08 8 Pc 40 07.00 -1.1
i 40 11.00
ARE 6.27 338 iPc 40 06.20 -4.3X
VCA 6.44 174 ePd 40 12.00 -0.7
S 40 59.00
CYA 6.76 155 iPc 40 15.50 -1.5
RTLL 8.99 177 ePc 40 44.00 -3.4X
RTCB 9.14 179 ePc 40 46.00 -3.4X
RTMO 9.15 178 e(P) 40 46.00 -3.7X
ZON 9.20 178 eP 40 47.00 -3.2X
CFA 9.28 176 ePd 40 46.00 -5.3X
S 41 25.00
JACH 10.42 187 eP 41 06.00 -0.7
ROCH 10.76 189 eP 41 08.00 -3.4X
PEL 10.89 187 eP 41 08.10 -4.8X
i 41 19.00
iS 41 31.50
FCH 11.03 186 eP 41 11.20 -3.8X
BACH 11.07 186 iPd 41 10.10 -5.3X
i 43 39.40
SAN 11.19 187 eP 41 18.50 1.6
PCH 11.34 186 eP 41 17.00 -1.9
TACH 11.42 188 eP 41 20.50 0.6
LNV 11.78 190 eP 41 21.00 -3.7X
RFA 12.42 178 ePd 41 27.80 -5.3X
VBA 16.82 160 ePc 43 24.70 55.4X
VAO 20.37 96 eP 43 04.20 -5.3X
e 43 18.40 66kmX
BAO 20.96 75 Pc 43 11.10 -4.5X
BMA 22.98 96 eP 43 34.50 -0.8
ATB 24.97 43 Pc 43 50.00 -4.5X
BOG 27.22 349 eP 44 39.00 23.4X
SOB1 29.97 69 eP 44 35.70 -4.2X
e 45 25.10 249kmX
e 48 05.80
e 48 18.10
SDV 31.35 357 e(P) 44 50.60 1.1
TOV 31.91 359 e(P) 45 17.00 20.1X
ITR 32.33 70 eP 44 55.80 -4.7X
CAR 32 68 4 eP 45 06.10 2.5
SJG 40.28 4 eP 46 04.00 -3.5X
i 46 28.00 103km
PRM 57.50 347 eP 48 22.00 2.3
pP 48 44.00 88kmX
sP 48 54.00
RSCP 59.70 344 eP 48 33.70 -1.2
1.0s 40.00nm 5.5mb
pP 48 59.30 104km
sP 49 09.00
BLA 60.17 350 eP 48 38.80 0.7
pP 49 03.00 97km
sP 49 13.50
JCT 60.25 329 iP 48 32.00 -6.7X
1.6s 30.00nm 5.4mb
i 49 02.50 126kmX
LTX 61.23 326 eP 48 42.20 -3.4X
1.0s 4.00nm 4.4mb
SNA 61.36 159 eP 48 45.20 -0.6
VVO 62.68 336 eP 48 53.10 -1.8

TUL 63.21 336 iPc 48 57.50 -0.9
1.2s 35.60nm 5.2mb
e 49 22.80 101km
FVM 63.26 341 eP 48 56.80 -2.0
1.0s 33.00nm 5.2mb
pP 49 22.00 101km
sP 49 33.50
RSNY 66.73 356 eP 49 20.00 -0.9
pP 49 46.30 105km
sP 49 56.70
ALQ 67.12 327 eP 49 23.70 -0.2
1.0s 10.00nm 4.7mb
pP 49 49.00 100km
sP 49 59.00
MNT 67.62 357 iP 49 25.50 -1.6
1.0s 116.00nm 5.8mb
pP 49 51.50 103km
OTT 67.66 355 eP 49 51.50 24.8X
0.9s 44.00nm
SPA 67.82 180 eP 49 28.50 0.6
1.0s 38.50nm 5.3mb
e 49 54.00 100km
HNME 68.15 1 eP 49 21.00 -8.8X
pP 49 54.00 135kmX
sP 50 05.30
KIC 69.03 74 eP 49 33.80 -2.1
i 49 58.20 95km
GLA 70.29 320 eP 49 44.00 0.7
pP 50 09.00 97km
GLD 70.39 331 eP 49 44.00 0.1
pP 50 09.30 99km
sP 50 21.00
GOL 70.41 331 eP 49 43.90 -0.3
1.0s 6.50nm 4.4mb
pP 50 09.00 98km
sP 50 20.50
STJ 71.09 12 eP 50 11.50 23.8X
BAR 71.14 319 eP 50 15.00 26.6X
RVR 72.47 319 eP 50 23.00 26.8X
LHC 72.71 346 eP 50 22.00 24.7X
GSC 73.03 321 eP 50 00.00 0.4
e 50 26.00 101km
SBB 73.22 320 eP 50 01.00 0.3
e 50 26.00 96km
RSSD 73.48 334 eP 50 02.50 0.3
1.0s 19.00nm 4.9mb
pP 50 27.90 98km
sP 50 39.30
CLC 73.86 321 eP 50 05.00 0.6
BDW 74.77 330 eP 50 07.20 -2.5
0.7s 2.58nm 4.2mb
pP 50 35.00 109km
sP 50 43.30
SBA 75.01 190 eP 50 12.00 1.7
1.0s 11.00nm 4.6mb
EUR 75.51 324 iP 50 14.20 0.2
0.5s 3.72nm 4.5mb
SYO 75.75 159 iP 50 15.40 0.7
RSON 76.04 344 eP 50 25.30 8.9X
0.7s 11.67nm 4.8mb
pP 50 41.70 59kmX
sP 50 52.30
RSON 76.04 344 eP 50 15.30 -1.1
1.0s 20.00nm 4.9mb
SCH 76.84 1 eP 50 45.00 24.2X
BMN 76.86 324 eP 50 21.80 0.3
pP 50 48.00 101km
JAS1 76.95 321 eP 50 23.00 1.2
pP 50 48.00 96km
LRM 78.44 331 iPc 50 56.90 26.8X
ORV 78.66 321 eP 50 32.10 0.9
e 50 58.30 101km
i 51 09.40
AVE 80.65 48 eP 51 07.00 25.0X
NEW 82.39 330 eP 50 51.00 0.3
pP 51 16.00 95km
MAW 83.58 163 eP 50 57.00 0.4
EDM 84.45 335 iP 51 25.60 24.5X
EDM 84.45 335 iP 51 00.00 -1.1
TOL 86.54 44 eP 51 33.50 21.8X
i 51 46.50 43kmX
BUL 89.22 111 iP 51 25.20 0.0
0.8s 7.46nm 4.9mb
ipP 51 50.70 95km
BNG 89.42 85 ePd 51 50.00 23.9X
1.0s 5.00nm
i 52 05.00 51kmX

KRI 91.41 109 eP 51 45.00 9.7X
epP 52 03.00 64kmX
YKA 91.92 341 eP 52 06.00 29.6X
INK 101.67 340 ePdiff 52 20.00 -0.6
CTA 125.56 222 iPKPc 57 30.90 0.4
1.0s 7.00nm
ASPA 129.14 207 ePKP 57 37.00 -0.3
0.7s 18.00nm
WRA 132.20 210 PKPd 57 42.90 -0.2
0.9s 7.00nm
KOD 145.75 105 ePKP 58 07.56 -0.7
GBA 147.00 99 PKP 58 10.10 0.3
e 58 35.00
e 58 47.06
LEM 150.85 173 ePKPc 58 28.00 12.0X
0.8s 89.5nm
MAT 152.48 307 ePKP 58 25.00 7.4X
1.0s 13.00nm
S.D. = 1.2 on 53 of 93 obs.

& SEP 19, 1985 20h 48m 42.29s
62.156 N 151.692 W
DEPTH = 97.7km
CENTRAL ALASKA (1)
<AGS-P>.

SKT 0.19 156 iP 48 55.68 1.0
SUA 0.83 147 iP 49 01.11 0.0
iS 49 15.29
CGLM 0.86 190 iP 49 00.51 -1.0
iS 49 15.26
CRP 0.92 194 iP 49 01.33 -0.8
eS 49 16.74
SPU 0.99 190 iP 49 01.76 -1.0
iS 49 16.81
PMR 1.34 114 eP 49 07.15 0.4
GHO 1.36 105 iP 49 06.94 -0.3
SML 1.62 101 iP 49 09.79 -0.6
RDT 1.62 193 eP 49 09.69 -0.8
KNK 1.71 114 iP 49 10.61 -0.9
iS 49 33.27
SLKM 1.80 156 eP 49 12.64 -0.1
eS 49 35.60
PTE 1.82 134 eP 49 11.84 -1.0
MPA 2.02 145 eP 49 14.67 -0.8
ILM 2.05 196 eP 49 15.34 -0.7
PWL 2.07 127 eP 49 14.72 -1.5
CFI 2.11 116 iP 49 15.49 -1.2
TTA 2.15 293 eP 49 14.97 -2.3
BRLK 2.43 170 eP 49 21.15 0.1
GLI 2.55 118 eP 49 20.72 -1.9
LOU 2.59 129 eP 49 20.20 -2.9
TOA 2.59 89 eP 49 22.44 -0.9
KLU 2.82 101 eP 49 24.49 -1.9
22 obs. associated

% SEP 19, 1985 21h 05m 53.59± 1.51s
40.623 N ±11.5km 27.284 E ± 9.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KGT 0.17 175 iPg 05 58.20 0.7
iSg 06 01.20
EDC 0.52 122 iPg 06 04.60 0.5
iSg 06 13.60
BNT 0.55 119 ePg 06 03.70 -1.1
iSg 06 13.20
CTT 1.01 59 iPn 06 13.00 0.2
EZN 1.08 223 iPn 06 13.40 -0.5
S.D. = 1.1 on 5 of 5 obs.

* SEP 19, 1985 21h 12m 34.33± 1.85s
33.361 S ±12.0km 66.513 W ±18.6km
DEPTH = 33.0km (normal)
SAN LUIS PROVINCE, ARGENTINA (140)

RFA 2.15 229 iPd 13 08.60 0.0
CFA 2.28 320 e(P) 13 11.80 1.4
S 13 38.20
RTLL 2.62 320 iPc 13 15.50 0.3
RTCB 2.69 313 iPd 13 15.10 -1.2
S 13 44.40
VCA 4.83 342 ePc 13 46.20 -0.5
S 14 39.00
SLA 8.65 6 e(P) 14 41.00 0.7
YJA 11.18 5 e(P) 15 14.80 -0.6
ZOBO 17.08 355 eP 16 26.00 -6.8X

S.D. = 1.1 on 7 of 8 obs.

* SEP 19, 1985 21h 31m 00.98± 0.61s
37.362 N ±11.1km 71.455 E ±13.9km
DEPTH = 33.0km (normal)
4.7mb (10 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	8.08	209	IPd	32 58.50	-0.6
			eS	34 19.00	
NDI	9.91	149	IP	33 24.20	0.0
			eS	35 00.00	
KKN	15.05	125	eP	34 33.40	0.3
	0.6s	14.00nm		4.4mb	
DMN	15.06	126	ePd	34 34.20	0.9
	0.5s	5.00nm		4.1mb	
PKI	15.28	126	eP	34 36.40	0.2
	0.5s	4.00nm		3.9mb	
GBA	24.26	166	P	36 07.00	-9.1X
			S	40 15.00	
KJF	37.32	330	iP	38 12.40	0.9
	0.6s	9.10nm		4.8mb	
NUR	37.35	324	iP	38 12.00	0.3
	0.4s	20.50nm		5.3mb	
SUF	37.39	327	iPc	38 13.10	1.0
	0.5s	5.80nm		4.7mb	
SDD	39.12	334	iP	38 28.90	2.4
KEV	40.14	333	eP	38 37.00	2.1
HFS	42.62	321	eP	38 54.40	-1.0
	0.4s	7.10nm		4.7mb	
NB2	43.92	322	P	39 05.00	-1.0
	0.4s	4.60nm		4.6mb	
DAG	54.03	343	iPd	40 22.80	-1.0
	0.5s	9.15nm		5.1mb	
BNG	58.30	249	IPd	40 43.60	-11.5X
	0.6s	8.00nm			
			i	40 45.20	
INK	73.00	9	eP	42 27.00	-1.7
COL	73.54	16	eP	42 29.00	-2.9
	0.7s	8.56nm		4.9mb	
WRA	82.14	122	Pd	43 09.20	-10.7X
	0.4s	1.00nm			

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

? SEP 19, 1985 22h 10m 31.43± 1.24s
10.184 N ±19.3km 104.141 W ±30.6km
DEPTH = 10.0km (geophysicist)
4.1mb (4 obs.) 4.0Msz (1 obs.)
OFF COAST OF MEXICO (63)

LTX	19.06	1	eP	15 06.50	10.0X
	1.0s	6.00nm		3.8mb	
GLA	24.80	338	eP	15 55.50	0.5
TUL	26.71	15	eP	16 14.00	1.2
	1.2s	14.70nm		4.5mb	
Z	18s	0.37um		4.0Msz	
RLO	27.16	16	e(P)	16 16.10	-0.8
BMN	32.28	341	eP	17 04.00	1.3
	1.0s	3.00nm		4.2mb	
BDW	32.81	353	eP	17 07.00	-0.4
	1.0s	2.00nm		4.0mb	
LRM	36.22	350	eP	17 36.40	-0.3
EDM	43.56	352	iPd	18 36.60	-0.5
ZOBO	44.28	126	eP	18 43.00	-1.1
			LR	33 40.00	
LPB	44.45	126	P	18 46.00	0.8
			LR	33 40.00	
CCH	46.48	126	P	19 01.70	0.5
INK	61.18	348	eP	20 47.00	-1.3

S.D. = 1.0 on 11 of 12 obs.

* SEP 19, 1985 22h 41m 45.83± 0.58s
61.149 S ± 9.9km 56.411 W ±16.0km
DEPTH = 10.0km (geophysicist)
4.8mb (4 obs.)
SOUTH SHETLAND ISLANDS (154)

AIA	5.44	217	e(P)	43 08.00	-0.8
SPA	29.01	180	eP	47 47.60	0.0
	1.0s	14.50nm		4.7mb	
SBA	38.77	193	eP	49 12.80	1.5
	0.8s	11.19nm		4.6mb	
MAW	44.21	151	eP	49 56.00	0.1
SOB1	53.10	19	eP	51 06.00	0.5
			s	51 10.70	
			e	51 17.00	
ITR	53.96	22	eP	51 12.30	0.6
ATB	57.81	5	e(P)	51 38.50	-0.9
BUL	70.19	96	IPc	52 59.60	-1.1
	0.8s	8.21nm		4.9mb	
LSZ	74.16	93	iP	53 24.00	-0.2
KIC	78.30	53	eP	53 47.80	0.4
BNG	86.66	75	IPc	54 30.60	-0.1
	0.5s	8.00nm		5.2mb	
			i	54 39.80	

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

* SEP 19, 1985 22h 59m 18.01± 2.11s
17.776 N ±14.7km 101.695 W ±16.3km
DEPTH = 33.0km (normal)
3.6mb (1 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.20	74	eP	59 54.00	0.8
			iS	00 23.50	
OXM	2.43	51	iP	59 56.00	-0.6
TPM	2.77	64	iP	00 02.00	0.7
UNM	2.84	57	eP	00 03.00	0.7
TAC	2.87	55	IP	00 06.00	3.2X
IIC	3.04	49	eP	00 04.00	-1.3
			iS	00 49.00	
PIO	3.68	111	eP	00 14.00	0.1
			iS	01 02.00	
PBJ	6.16	102	iP	00 48.50	-0.6
ALQ	17.62	347	eP	03 23.00	0.2
	1.0s	4.50nm		3.6mb	
BMG	29.86	107	eP	05 35.50	10.5X

S.D. = 0.9 on 8 of 10 obs.

* SEP 19, 1985 23h 05m 15.27± 1.07s
6.814 N ±13.3km 72.972 W ±10.3km
DEPTH = 171.3 ± 15.5 km
NORTHERN COLOMBIA (99)
Felt at Bucaramanga.

BMG	0.28	338	iP	05 55.50	15.6X
			eS	06 26.00	
UAV	2.54	45	IPnc	05 58.50	-0.1
	0.3s	368.00nm			
SDV	3.10	48	IPnd	06 05.10	-0.4
	0.2s	126.30nm			
TOV	4.32	47	ePn	06 20.20	-0.7
UPA	6.85	289	eP	06 55.00	0.7
	1.0s	40.00nm		4.7mb X	
Z	18s	1.72um			
			i	08 05.00	
CAR	7.01	58	ePn	06 54.00	-2.6
PSO	7.07	218	eP	06 56.50	-1.2
GUV	9.84	84	eP	07 37.30	3.4
PCJ	11.61	340	eP	07 57.87	0.9
STH	11.81	342	iP	08 00.14	0.6
ATB	23.01	115	e(P)	10 07.70	1.5
SCH	48.12	5	eP	13 39.00	-0.5
KIC	67.73	86	eP	15 55.10	-1.7

S.D. = 1.9 on 12 of 13 obs.

? SEP 19, 1985 23h 10m 30.03± 1.29s
10.177 N ±18.6km 103.908 W ±22.4km
DEPTH = 10.0km (geophysicist)
4.3mb (4 obs.) 4.5Msz (2 obs.)
OFF COAST OF MEXICO (63)

LTX	19.06	1	eP	15 04.50	9.3X
	1.1s	18.82nm		4.2mb	
ALQ	24.76	355	eP	15 53.00	-0.4
	1.2s	8.98nm		4.3mb	
GLA	24.89	338	eP	15 55.00	0.5
GLA	24.89	338	eP	16 00.00	5.5X
OCO	25.90	12	e(P)	16 04.70	0.7
VVO	26.13	15	e(P)	16 06.90	0.9
TUL	26.66	15	eP	16 10.30	-0.6
	1.6s	44.00nm		4.9mb	
Z	22s	1.03um		4.3Msz	
			e	16 42.00	
RLO	27.10	16	eP	16 14.00	-1.0
SBB	27.52	335	eP	16 20.00	1.2
GSC	27.64	337	eP	16 20.00	0.1
CLC	28.40	336	eP	16 28.00	1.2
BMN	32.36	341	eP	17 01.00	-1.0
BDW	32.85	352	eP	17 05.00	-1.3
	1.0s	2.60nm		4.1mb	
RSON	41.42	10	eP	18 20.30	2.1
EDM	43.60	352	iPc	18 36.00	0.0
ZOBO	44.09	126	iPc	18 42.00	0.9
Z	21s	0.77um		4.6Msz	
			LR	33 10.00	
LPB	44.26	126	P	18 35.00	-7.3X
			eLR	33 20.00	
CCH	46.29	126	eP	19 08.00	9.7X
INK	61.24	348	eP	20 45.00	-2.2
SOB1	65.60	105	e(P)	21 16.00	-0.8

S.D. = 1.2 on 16 of 20 obs.

& SEP 19, 1985 23h 26m 54.97s
43.118 N 110.926 W
DEPTH = 7.8km
WYOMING (460)
<GLD>. ML 3.5 (NEIS). Felt at Alpine.

TMI	0.75	285	eP	27 09.00	-1.0
IMW	0.78	359	eP	27 10.20	-0.4
BDW	1.05	108	eP	27 15.50	0.3
HPI	1.69	291	eP	27 25.00	-0.2
CCMT	2.28	323	ePn	27 35.40	1.7
DAU	2.71	185	eP	27 41.00	1.0
LCCM	2.80	346	ePn	27 44.40	3.3
LRM	2.92	339	ePn	27 45.50	2.7
SXM	3.04	356	ePn	27 46.80	2.4
HRY	3.65	350	ePn	27 54.30	1.2
EUR	5.25	228	iP	28 19.00	3.0
	0.3s	1.92nm		4.2mb X	
NEW	6.73	322	e(P)	28 39.00	2.5

12 obs. associated

SEP 20, 1985 00h 26m 04.44± 0.87s
28.101 N ± 4.8km 140.829 E ± 5.6km
DEPTH = 44.9 ± 8.4 km
4.9mb (12 obs.)
BONIN ISLANDS REGION (212)
Felt (II JMA) on Chichi-shima.

CBI	1.56	130	IPc	26 29.20	-1.0
			S	26 48.50	
KYS	7.10	355	eP	27 47.80	-0.6
OYM	7.42	350	eP	27 51.80	-1.1
SRY	7.60	350	eP	27 53.50	-1.9
DDR	7.99	350	eP	28 01.30	0.4
TSK	8.11	356	eP	28 01.50	-0.9
MAT	8.70	346	eP	28 12.00	1.4
	0.8s	30.60nm		5.4mb X	
			(S)	30 02.00	
MVI	8.85	257	eP	28 29.00	16.3X
			eS	30 22.00	
SHK	9.47	315	eP	28 22.50	1.3
GUA	14.98	164	eP	29 36.40	1.5
	0.8s	65.67nm		4.9mb	
			eS	32 54.50	
SSE	17.34	285	P	30 07.00	2.2
N	10s	1.20um			
			S	33 28.00	
ANP	17.51	265	eP	30 08.00	1.0
DL2	19.26	309	eP	30 27.20	-0.9
			eS	34 06.00	
NJ2	19.41	287	Pd	30 29.00	-0.8
			S	34 08.00	
SNY	19.63	319	Pc	30 35.00	2.9
			eS	34 12.50	
CN2	19.96	326	Pd	30 38.40	2.9
			eS	34 18.00	
QZH	20.14	266	Pd	30 36.00	-1.5
TIA	21.60	298	Pd	30 51.80	-0.6
			S	34 52.50	
BAG	22.02	242	eP	30 56.00	-0.9
			eS	35 00.00	
QCP	22.71	238	eP	31 08.00	4.5X
WHN	23.20	282	eP	31 08.00	-0.1
			S	35 24.00	
BJI	23.56	307	eP	31 10.50	-1.0
			epP	31 31.00	94kmX
			eS	35 14.00	
			eSS	36 08.00	
HKC	24.77	263	eP	31 25.00	1.5
			eS	35 50.00	
GZH	25.26	265	eP	31 30.00	2.0
			S	35 55.00	
DAV	25.40	217	eP	31 30.00	0.5
			eS	36 10.00	
TIY	25.61	299	eP	31 31.00	-0.3
			S	36 03.50	
HHC	27.14	306	eP	31 45.00	-0.4

20d 00h

XAN 27.89 290 eP 31 50.40 -1.8
eS 36 30.00
BTO 28.18 304 Pc 31 54.50 -0.3
eS 36 41.00
QIZ 29.73 259 eP 32 10.00 1.1
GYA 30.35 275 P 32 14.00 -0.4
CD2 32.29 284 P 32 31.00 -0.3
eS 37 42.50
KMI 34.09 274 eP 32 51.00 3.8X
N 15s 1.40um
eS 38 15.00
GTA 35.64 299 eP 32 59.10 -1.1
LOE 37.45 262 eP 33 14.00 -1.4
MTN 41.77 194 eP 33 51.00 -0.2
LSA 43.25 285 P 34 04.40 0.6
SHL 43.52 278 iP 34 05.30 -0.4
WMO 45.01 305 P 34 16.60 -0.8
PSI 47.26 245 ePc 34 35.40 0.0
WRA 48.17 188 Pd 34 41.20 -1.2
0.6s 30.70nm 5.5mb
CTA 48.19 173 eP 34 43.00 0.5
PKI 48.64 283 eP 34 46.60 0.2
0.8s 51.00nm 5.6mb
KKN 48.70 283 eP 34 47.20 0.5
DMN 48.89 283 eP 34 48.60 0.4
0.9s 69.00nm 5.7mb
ASPA 51.90 188 eP 35 10.00 -0.8
NDI 55.34 287 eP 35 35.00 -1.2
0.9s 30.25nm 5.3mb
ePP 37 00.00
eS 43 26.00
BRS 56.35 167 P 35 42.70 -0.7
COL 57.03 29 eP 35 49.00 1.1
0.8s 12.69nm 5.8mb
GBA 60.38 270 P 36 12.00 0.2
KOD 61.80 267 eP 36 22.20 0.4
INK 62.62 25 eP 36 26.00 -0.1
QUE 63.46 292 iPc 36 31.70 -0.7
KEV 71.64 340 eP 37 22.00 -0.8
SOD 73.03 338 iP 37 32.70 1.6
KJF 74.36 335 iP 37 38.10 -0.8
DAG 74.62 355 iPd 37 40.00 -0.1
0.8s 12.69nm 4.9mb
PNT 75.03 42 eP 37 44.00 1.0
0.7s 6.00nm 4.7mb
SUF 75.77 334 eP 37 45.00 -1.9
0.5s 5.00nm 4.7mb
NEW 76.98 42 eP 37 55.00 0.9
NUR 77.62 333 eP 37 49.00 -8.3X
LRM 80.95 43 ePd 38 17.40 1.5
EUR 81.92 50 iP 38 22.00 0.9
0.5s 3.32nm 4.6mb
HFS 82.03 336 eP 38 19.60 -1.3
0.5s 4.00nm 4.7mb
Z 17s 0.37um 4.8MszX
LR 10 36.00
NB2 82.23 338 P 38 22.60 0.6
0.7s 4.70nm 4.6mb
KHC 89.88 328 P 38 59.00 -1.0
ALQ 90.75 49 e(P) 39 00.00 -4.4X
LPB 150.94 73 PKP 45 49.00 0.0
S.D. = 1.2 on 63 of 68 obs.

% SEP 20, 1985 01h 00m 19.73± 0.91s
40.868 N ± 6.0km 27.878 E ±12.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BNT 0.51 176 ePg 00 30.10 0.0
lSg 00 37.60
EDC 0.52 181 ePg 00 30.10 -0.2
lSg 00 37.60
KGT 0.60 227 ePg 00 32.00 0.1
KCT 0.72 149 ePg 00 34.00 0.1
eSg 00 43.00
DMK 0.96 355 ePg 00 37.90 0.0
lSg 00 51.90
S.D. = 0.2 on 5 of 5 obs.

• SEP 20, 1985 01h 34m 39.42± 1.15s
28.367 N ± 9.1km 140.615 E ±16.6km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
BONIN ISLANDS REGION (212)
Felt on Chichi-shima.

CBI 1.88 132 eP 35 26.00 16.2X
MAT 8.40 347 eP 36 42.00 0.2
0.9s 15.13nm 5.1mb X
(S) 38 29.00
MVI 8.73 255 eP 37 18.00 31.6X
eS 39 06.00
GUA 15.29 164 eP 38 15.00 0.5
SSE 17.09 284 P 38 38.00 0.6
N 10s 1.10um
E 10s 0.70um
S 42 03.00
sS 42 14.00
MDJ 18.45 334 eP 38 52.00 -2.1
DL2 18.95 309 eP 39 00.00 -0.3
S 42 38.00
NJ2 19.16 286 Pc 39 03.20 0.4
S 43 43.50
SNY 19.31 319 Pc 39 06.00 1.5
S 42 44.00
CN2 19.63 326 Pd 39 06.00 -2.1
eS 42 46.00
QZH 19.97 265 Pc 39 10.00 -1.8
S 42 59.00
TIA 21.31 297 eP 39 20.60 -4.9X
BAG 21.98 241 eP 39 31.00 -1.5
eS 43 33.00
WHN 22.96 282 eP 39 42.50 0.6
S 43 58.00
BJI 23.25 306 eP 39 46.00 1.4
epP 40 24.00 199kmX
eS 43 57.00
HKC 24.62 262 eP 40 01.00 2.9X
eS 44 24.00
TIY 25.32 299 eP 40 06.00 1.3
S 44 36.00
DAV 25.50 217 eP 40 06.00 -0.5
HHC 26.83 305 P 40 15.00 -3.7X
S 44 58.00
XAN 27.63 290 eP 40 22.00 -4.0X
eS 45 08.00
BTO 27.87 304 Pc 40 28.00 -0.2
S 45 15.00
QIZ 29.60 258 eP 40 38.00 -5.8X
WMQ 44.71 305 P 42 52.00 0.8
WRA 48.41 188 Pc 43 14.00 -6.4X
0.8s 7.50nm 4.8mb
NDI 55.08 287 eP 44 12.00 1.4
eS 51 54.00
eSS 55 36.00
S.D. = 1.3 on 17 of 25 obs.

% SEP 20, 1985 02h 37m 33.74± 0.74s
46.266 N ± 6.3km 7.390 E ± 6.4km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)

DIX 0.19 175 eP+ 37 38.30 0.3
EMS 0.37 239 eP 37 41.30 -0.2
MMK 0.45 118 eP 37 43.10 0.1
TMA 1.04 98 eP 37 53.20 -0.3
ZUL 1.40 29 eP 37 59.10 -0.2
SLE 1.68 26 eP+ 38 03.70 0.4
S.D. = 0.4 on 6 of 6 obs.

• SEP 20, 1985 02h 41m 54.75± 0.74s
27.839 N ±12.3km 140.736 E ±16.0km
DEPTH = 33.0km (normal)
4.8mb (7 obs.)
BONIN ISLANDS REGION (212)
Felt on Chichi-shima.

MAT 8.94 347 eP 44 06.00 1.4
0.6s 6.67nm 5.0mb X
SHK 9.60 316 eP 44 20.00 6.3X
BJI 23.65 307 eP 47 03.00 -0.9
SHL 43.48 279 eP 49 50.20 -6.7X
WRA 47.90 188 Pc 50 34.40 2.5
0.7s 16.70nm 5.2mb
WRA 47.90 188 eP 50 30.00 -1.9
i 50 33.80
PKI 48.62 283 eP 50 39.40 1.5
0.8s 20.00nm 5.2mb
KKN 48.68 284 eP 50 37.20 -1.0
0.8s 32.00nm 5.4mb
COL 57.30 29 eP 51 41.00 -0.4
0.8s 5.97nm 4.7mb
KJF 74.57 335 eP 53 31.00 -0.8
PNT 75.28 42 eP 53 36.00 -0.2
0.8s 6.00nm 4.6mb
SUF 75.97 334 eP 53 39.00 -0.8
0.7s 4.80nm 4.6mb
NEW 77.23 42 eP 53 47.00 -0.2
LRM 81.20 43 ePd 54 09.50 0.5
HFS 82.23 336 eP 54 10.70 -3.0X
0.7s 3.40nm 4.5mb
S.D. = 1.4 on 12 of 15 obs.

• SEP 20, 1985 03h 06m 21.45± 1.32s
28.030 N ±11.3km 140.878 E ±11.5km
DEPTH = 47.6 ± 15.1 km
5.0mb (2 obs.)
BONIN ISLANDS REGION (212)
Felt on Chichi-shima.

CBI 1.49 129 P 06 46.00 -0.1
S 07 06.00
MAT 8.78 346 (P) 08 29.00 0.3
eS 10 18.00
SSE 17.40 285 eP 10 22.00 -0.4
E 10s 0.80um
e 11 04.00
eS 13 46.00
DL2 19.34 309 eP 10 41.00 -4.7X
QZH 20.18 266 Pc 10 55.50 0.8
S 14 39.00
TIA 21.67 298 eP 11 08.90 -0.9
WHN 23.26 283 eP 11 28.00 2.6
TIY 25.68 299 eP 11 48.50 -0.3
XAN 27.96 290 eP 12 08.70 -0.9
CD2 32.35 284 P 12 49.00 0.4
eS 18 02.50
GTA 35.71 299 P 13 16.20 -1.3
IPM 44.47 246 iPd 14 30.00 0.0
0.8s 88.60nm 5.6mb
WMQ 45.09 305 P 14 34.00 -0.8
WRA 48.11 188 Pd 14 45.20 -13.4X
0.4s 0.60nm
WRA 48.11 188 eP 14 58.20 -0.4
NDI 55.40 287 eP 15 53.00 -0.3
KJF 74.45 335 eP 17 58.00 2.0
SUF 75.85 334 eP 18 03.00 -1.1
0.5s 2.00nm 4.3mb
ZOBO 150.78 73 ePKP 26 06.00 0.4
S.D. = 1.1 on 17 of 19 obs.

• SEP 20, 1985 03h 13m 05.24± 0.48s
28.046 N ±10.1km 140.760 E ± 9.1km
DEPTH = 33.0km (normal)
4.9mb (10 obs.)
BONIN ISLANDS REGION (212)
Felt on Chichi-shima.

CBI 1.58 127 P 14 30.50 59.3X
S 14 50.00
MAT 8.74 346 (P) 15 14.00 1.6
0.6s 15.33nm 5.3mb X
(S) 17 06.00
BJI 23.54 307 eP 18 13.00 -0.3
CHG 39.29 266 eP 20 37.00 4.0X
SHL 43.47 278 iP 21 08.50 1.2
WRA 48.11 188 iPd 21 43.20 -0.8
CTA 48.14 173 iPc 21 44.90 0.7
1.0s 5.50nm 4.5mb
PKI 48.59 283 iPd 21 48.80 0.7
0.9s 34.00nm 5.4mb
KKN 48.65 283 iPd 21 49.60 1.2
0.9s 51.00nm 5.6mb
DMN 48.84 283 iPd 21 50.80 0.8
0.8s 31.00nm 5.4mb
NDI 55.30 287 eP 22 36.50 -1.5
COL 57.11 29 eP 22 50.00 -0.5
0.8s 11.19nm 4.9mb
GBA 60.32 270 Pc 23 12.10 -1.4
0.2s 2.76nm 5.0mb
KOD 61.74 267 eP 23 24.00 0.5
INK 62.70 25 eP 23 27.00 -1.7
QUE 63.42 292 eP 23 33.20 -1.1
SOD 73.06 338 eP 24 34.00 0.5
KJF 74.39 335 eP 24 38.00 -3.2X
DAG 74.67 355 iPc 24 41.70 -0.9
0.9s 8.40nm 4.7mb
PNT 75.11 42 eP 24 46.00 0.3
0.8s 8.00nm 4.8mb
SUF 75.79 334 eP 24 47.00 -2.3
0.7s 2.80nm 4.4mb

EDM	76.81	36	ePd	24 55.00	-0.2	
LRM	81.04	43	ePd	25 19.30	0.7	
MWC	83.12	55	eP	25 10.00	-19.6X	
GSC	83.49	54	eP	25 32.00	0.7	
RVR	83.73	55	eP	25 36.00	3.6X	
GLA	86.04	55	eP	25 44.00	-0.1	
ALQ	90.83	49	eP	26 07.50	0.4	
	1.0s		4.50nm		4.8mb	
ZOBO	150.87	72	PKPc	32 57.60	6.2X	
LPB	151.02	73	PKPc	32 53.00	1.6	
	S.D. = 1.1	on	24 of	30 obs.		

SEP 20, 1985 03h 34m 58.18± 0.43s
17.569 N ± 6.3km 101.561 W ± 5.2km
DEPTH = 33.0km (normal)
4.7mb (16 obs.) 4.2Msz (2 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.15	68	iP	35 34.50	1.9	
			iS	36 11.00		
OXM	2.47	46	iP	35 39.00	1.6	
TPM	2.76	59	iP	35 43.00	1.8	
UNM	2.86	52	eP	35 48.00	5.3X	
TAC	2.90	51	iP	35 48.00	4.7X	
			i	36 42.00		
IIC	3.09	45	eP	35 47.50	1.4	
			i	36 45.00		
PIO	3.49	109	iP	35 51.20	-0.2	
			i	36 38.00		
LTX	11.87	351	eP	37 46.00	-2.2	
	1.2s		28.99nm		5.3mb X	
JCT	12.95	7	eP	38 06.50	3.9X	
	1.5s		69.44nm		5.5mb	
ALQ	17.85	347	eP	39 07.00	1.2	
	1.0s		9.75nm		3.9mb	
OCO	18.25	11	eP	39 11.30	0.7	
TUL	18.97	15	iPd	39 17.80	-1.6	
	1.2s		67.00nm		4.7mb	
Z	17s		0.99um			
RLO	19.41	16	iPd	39 22.00	-2.6	
GLA	19.50	325	eP	39 35.00	9.3X	
GLA	19.50	325	iP	39 25.20	-0.5	
BAR	20.30	321	eP	39 35.00	0.9	
POW	20.67	24	P	39 36.30	-1.5	
PLM	20.88	322	eP	39 40.00	-0.3	
RVR	21.64	322	eP	39 48.00	0.3	
SDW	21.91	324	P	39 51.20	0.7	
MWC	22.20	321	eP	39 53.00	-0.5	
PAS	22.22	321	eP	39 54.00	0.5	
GSC	22.27	325	eP	39 55.00	0.9	
GOL	22.30	352	eP	39 54.50	0.0	
	1.0s		17.50nm		4.5mb	
GLD	22.33	353	eP	39 55.20	0.4	
	1.0s		64.00nm		5.0mb	
SBB	22.39	323	eP	39 55.00	-0.3	
ELC	22.44	27	P	39 54.00	-1.6	
FVM	22.56	23	iP	39 55.20	-1.6	
	1.1s		13.41nm		4.3mb	
CLC	23.08	325	eP	40 03.00	1.0	
VPEM	23.30	325	P	40 05.00	0.8	
SYP	23.58	319	eP	40 09.00	2.1	
PRM	23.79	43	eP	40 07.50	-1.3	
CWC	23.80	325	eP	40 10.00	0.9	
DUG	24.56	339	P	40 17.30	0.9	
	1.0s		15.00nm		4.5mb	
PRI	25.07	321	eP	40 21.50	0.2	
FRI	25.10	324	eP	40 20.50	-1.0	
EUR	25.17	333	iP	40 23.00	0.6	
	0.5s		11.97nm		4.7mb	
MNA	25.35	328	P	40 26.00	2.0	
MNA	25.35	328	eP	40 20.50	-3.5X	
BDW	26.03	346	iP	40 30.20	-0.2	
	1.0s		14.40nm		4.5mb	
JAS1	26.17	325	eP	40 31.00	-0.4	
ARN	26.40	322	eP	40 33.90	0.3	
BMN	26.50	332	eP	40 35.20	0.6	
	1.1s		16.88nm		4.6mb	
RSSD	26.55	356	eP	40 35.30	0.2	
	1.0s		7.50nm		4.3mb	
ORV	27.92	326	eP	40 47.60	0.2	
LRM	29.60	344	iPc	41 02.60	-0.1	
LHC	32.36	15	eP	41 21.00	-5.7X	
NEW	33.15	341	eP	41 33.00	-0.6	
SES	33.62	349	eP	41 37.00	-0.7	
SJG	33.68	84	e(P)	41 26.00	-12.5X	
PNT	34.88	339	iPd	41 48.50	0.0	
EDM	36.75	348	ePc	42 03.50	-0.8	
	1.0s		42.00nm		5.3mb	
FFC	37.09	360	eP	42 04.50	-2.5	
	1.0s		17.00nm		4.9mb	
ZOBO	47.07	134	iP	43 29.10	-0.5	
Z	20s		0.41um		4.4Msz	
			LR	59 59.00		
LPB	47.27	134	P	43 30.20	-0.9	
Z	20s		0.18um		4.0Msz	
			LR	00 07.00		
CCH	49.21	133	P	43 46.00	0.0	
STJ	49.76	42	eP	43 49.50	0.1	
TPZ	52.33	136	eP	44 10.00	0.3	
INK	54.59	346	eP	44 25.00	-0.3	
COL	56.44	338	eP	44 38.00	-0.8	
	1.0s		14.50nm		5.0mb	
MBC	59.42	355	eP	44 59.00	-0.5	
	1.1s		46.00nm		5.5mb	
SOB1	65.56	109	eP	45 41.20	-0.1	
ITR	67.62	108	eP	45 54.10	-0.3	
DAG	71.37	14	iPc	46 15.90	-0.5	
	0.6s		8.00nm		4.9mb	
MAL	85.23	53	iP	47 38.20	2.3	
IFR	85.67	56	iP	47 37.00	1.5	
KIC	94.56	82	eP	48 17.20	-0.2	
SBA	107.41	193	e(PKP)	53 14.00	-8.1X	
CTA	116.17	256	ePdiff	49 53.00	-1.0	
WRA	127.22	258	iPKPc	54 09.20	7.5X	
NDI	134.01	1	ePdiff	51 06.50	-6.8X	
HYB	145.23	360	ePKPd	54 34.00	-1.0	
	1.0s		50.00nm			
GBA	149.01	2	PKP	54 45.00	3.9X	
	S.D. = 1.1	on	62 of	73 obs.		

* SEP 20, 1985 03h 41m 15.21± 0.52s
28.078 N ± 9.2km 140.855 E ± 8.2km
DEPTH = 33.0km (normal)
5.1mb (4 obs.) 5.3Msz (1 obs.)
BONIN ISLANDS REGION (212)
Felt on Chichi-shima.

CBI	1.53	130	iP	41 40.50	-0.1	
			S	42 00.00		
MAT	8.73	346	eP	43 24.00	1.8	
	0.8s		11.19nm		5.1mb X	
			eS	45 20.00		
DL2	19.29	309	eP	45 40.00	-0.1	
OZH	20.16	266	eP	45 51.00	1.4	
TIA	21.63	298	eP	46 03.60	-0.9	
BAG	22.03	242	eP	46 11.00	2.2	
WHN	23.23	282	eP	46 20.50	0.2	
BJI	23.59	307	eP	46 22.00	-1.7	
			eS	50 31.00		
TIY	25.64	299	eP	46 43.00	-0.6	
HHC	27.17	306	iPd	46 56.80	-0.8	
XAN	27.92	290	eP	47 03.80	-0.7	
GYA	30.38	275	eP	47 26.20	-0.4	
CD2	32.32	284	eP	47 42.60	-0.9	
CHG	39.38	266	eP	48 46.00	2.3	
SHL	43.54	278	iP	49 17.70	-0.2	
WMQ	45.05	305	P	49 29.50	-0.2	
WRA	48.15	188	iPc	49 53.20	-1.1	
PKI	48.66	283	eP	49 59.30	0.6	
	1.0s		22.00nm		5.1mb	
KKN	48.72	283	eP	49 59.90	0.9	
	0.9s		28.00nm		5.3mb	
DMN	48.92	283	eP	50 01.50	1.0	
	0.8s		17.00nm		5.1mb	
ASPA	51.88	188	eP	50 21.00	-1.7	
NDI	55.37	287	eP	50 47.00	-1.5	
COL	57.04	29	eP	51 00.00	0.0	
KEV	71.67	340	eP	52 34.00	-1.2	
SUF	75.80	334	eP	52 58.00	-1.3	
	0.6s		3.10nm		4.5mb	
NEW	76.98	42	eP	53 07.00	0.7	
NUR	77.65	333	iP	52 46.40	-23.2X	
	0.6s		9.10nm			
LRM	80.96	43	ePd	53 28.80	0.6	
ZOBO	150.78	72	PKP	01 07.20	5.9X	
Z	18s		0.42um		5.3Msz	
			LR	07 22.00		
LPB	150.93	73	ePKP	01 03.00	1.7	
	S.D. = 1.2	on	28 of	30 obs.		

SEP 20, 1985 03h 42m 40.07± 0.51s
17.524 N ± 7.5km 101.575 W ± 6.5km
DEPTH = 33.0km (normal)
4.5mb (12 obs.) 4.0Msz (1 obs.)

NEAR COAST OF GUERRERO, MEXICO (58)

III	2.18	67	iP	43 17.00	2.1	
			iS	43 52.00		
OXM	2.51	45	eP	43 21.50	1.7	
TPM	2.79	58	iP	43 26.00	2.4	
UNM	2.90	51	eP	43 31.50	6.3X	
TAC	2.93	50	iP	43 32.00	6.3X	
			i	44 21.00		
IIC	3.13	44	eP	43 30.00	1.4	
PIO	3.49	108	iP	43 32.00	-1.3	
LTX	11.91	351	eP	45 30.50	-0.2	
	1.0s		12.00nm		5.0mb X	
JCT	13.00	7	eP	45 54.00	8.9X	
	1.5s		48.61nm		5.3mb X	
ALQ	17.89	347	eP	46 49.50	1.3	
	1.2s		20.70nm		4.1mb	
VVO	18.49	15	e(P)	46 53.10	-2.3	
TUL	19.02	15	iPd	47 00.20	-1.7	
	1.1s		67.00nm		4.8mb	
Z	18s		1.06um			
RLO	19.46	16	iPd	47 04.50	-2.5	
GLA	19.53	325	eP	47 06.00	-1.9	
BAR	20.32	321	eP	47 17.00	0.8	
PLM	20.91	322	eP	47 24.00	1.6	
RVR	21.67	322	eP	47 31.00	1.2	
MWC	22.23	322	eP	47 36.00	0.3	
PAS	22.24	321	eP	47 33.00	-2.6	
GSC	22.30	326	eP	47 37.00	0.8	
GOL	22.34	352	eP	47 37.00	0.1	
	1.0s		15.00nm		4.4mb	
GLD	22.37	353	eP	47 39.80	2.7	
	1.1s		38.57nm		4.8mb	
SBB	22.42	323	eP	47 37.00	-0.4	
FVM	22.61	23	iP	47 37.80	-1.4	
	0.9s		11.02nm		4.3mb	
RSCP	22.93	35	eP	47 40.30	-2.1	
	0.8s		17.02nm		4.6mb	
CLC	23.11	325	eP	47 45.00	0.8	
PRM	23.83	43	eP	47 50.30	-0.8	
CWC	23.83	325	eP	47 50.00	-1.3	
PRI	25.10	321	eP	48 05.00	1.6	
FRI	25.13	324	eP	48 04.00	0.4	
EUR	25.21	333	iP	48 05.80	1.2	
	0.8s		11.50nm		4.5mb	
MNA	25.38	328	eP	48 07.10	0.9	
BDW	26.07	347	eP	48 11.50	-1.2	
	1.0s		10.40nm		4.4mb	
JAS1	26.20	325	eP	48 14.00	0.4	
	2.0s		1.00nm		3.1mb X	
ARN	26.43	322	eP	48 16.30	0.6	
BMN	26.53	333	eP	48 17.10	0.3	
	1.0s		11.25nm		4.4mb	
RSSD	26.59	356	eP	48 17.30	-0.1	
	1.0s		5.50nm		4.1mb	
ORV	27.95	326	eP	48 29.80	0.2	
LRM	29.64	345	iPc	48 44.90	0.0	
LHC	32.41	15	eP	49 07.50	-1.5	
NEW	33.19	341	eP	49 15.00	-0.8	
PNT	34.92	339	iPd	49 31.10	0.4	
EDM	36.79	348	ePc	49 46.00	-0.5	
FFC	37.13	360	iPd	49 48.00	-1.3	
	1.0s		19.00nm		4.9mb	
ZOBO	47.05	134	Pc	51 09.50	-1.9	
Z	25s		0.13um		3.8MszX	
			LR	26 10.00		
LPB	47.25	134	Pc	51 13.00	0.2	
Z	19s		0.17um		4.0Msz	
			LR	28 07.00		
CCH	49.19	133	P	51 28.00	0.3	
STJ	49.80	42	eP	51 32.00	0.4	
TPZ	52.31	136	Pd	51 52.80	1.4	
INK	54.63	346	eP	52 07.00	-0.5	
COL	56.48	338	eP	52 21.00	0.1	
	1.2s		23.44nm		5.1mb	
MBC	59.47	355	eP	52 42.00	0.3	
SOB1	65.56	109	eP	53 23.50	0.3	
VAO	66.86	125	eP	53 30.70	-0.7	
ITR	67.62	107	eP	53 36.10	-0.2	
KIC	94.58	82	eP	56 00.00	0.7	
WRA	127.19	258	PKPc	01 54.90	11.3X	
	0.8s		4.70nm			
WRA	127.19	258	PKPc	01 54.90	11.3X	
	0.8s		4.70nm			
HYB	145.28	360	ePKPd	02 15.00	-1.9	
	1.0s		60.00nm			
GBA	149.05	2	PKP	02 29.00	6.0X	

20d 04h

GBA 149.05 2 PKPc 02 25.20 2.2
0.8s 6.90nm
AVY 150.83 98 ePKP 02 32.40 6.5X
S.D. = 1.3 on 55 of 62 obs.

• SEP 20, 1985 04h 05m 48.85± 0.69s
10.658 S ±11.2km 41.106 E ±11.1km
DEPTH = 10.0km (geophysicist)
4.6mb (1 obs.)
NORTHWEST OF MADAGASCAR (574)

NPA 4.76 202 iP 07 25.00 22.6X
iS 07 56.00
NAI 10.26 335 eP 08 19.20 -0.2
1.0s 35.00nm 5.7mb X
MTD 11.07 236 iPn 08 31.00 0.5
eSn 10 29.30
iSg 11 33.40
KRI 12.73 240 iPn 08 53.00 0.0
iSn 11 08.00
eLg 12 27.00
LSZ 13.40 249 iP 09 00.60 -1.2
iS 11 23.80
iLg 13 05.00
LWI 14.81 304 iPc 09 27.70 7.3X
LWI 14.81 304 iPc 09 28.80 8.4X
eS 11 58.90
BUL 15.29 230 iPn 09 27.00 0.4
eSn 12 10.00
eLg 13 49.50
BNG 27.00 303 ePd 11 49.20 16.1X
1.0s 5.00nm
i 12 26.20
GBA 43.36 57 Pc 13 52.90 -0.4
0.5s 5.80nm 4.6mb
KIC 48.67 288 eP 14 46.00 10.4X
CHG 64.10 63 eP 16 25.50 -0.4
NUR 72.13 352 eP 17 24.00 8.8X
SUF 74.07 333 eP 17 26.00 -0.5
KJF 75.33 354 eP 17 34.00 0.3
SOD 78.53 354 eP 17 53.00 1.5
SPA 79.41 180 e(P) 18 07.20 10.5X
S.D. = 0.8 on 10 of 17 obs.

SEP 20, 1985 05h 02m 01.76± 0.86s
84.797 N ± 8.0km 146.720 W ± 8.4km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)

COL 0.47 283 iPd 02 11.90 -0.1
eS 02 17.00
FBA 0.47 283 eP 02 11.80 -0.2
TDA 2.71 175 eP 02 45.00 1.0
IMA 3.17 297 eP 02 57.50 6.9X
PME 3.35 199 eP 02 53.50 0.5
PWA 3.47 206 eP 02 54.50 -0.2
PMS 3.79 201 eP 02 57.50 -1.8
TTA 4.52 250 eP 03 10.50 0.8
INK 6.33 50 eP 03 35.00 -0.1
S.D. = 1.0 on 8 of 9 obs.

• SEP 20, 1985 05h 07m 53.51± 1.44s
44.349 N ±10.1km 110.919 W ±13.9km
DEPTH = 5.0km (geophysicist)
YELLOWSTONE NATIONAL PARK, WYO. (459)
ML 2.9 (NEIS).

IMW 0.45 162 iPc 08 02.10 -0.5
TMI 1.27 215 eP 08 16.90 -0.8
HPI 1.70 249 eP 08 24.40 0.2
BDW 1.85 148 eP 08 26.70 0.3
DAU 3.94 184 eP 08 57.00 0.7
MFW 5.52 289 e(P) 09 20.00 1.6
NEW 5.81 315 eP 09 21.00 -1.5
e 09 42.00
EUR 6.15 219 eP 09 25.00 -2.4X
• S.D. = 1.2 on 7 of 8 obs.

• SEP 20, 1985 05h 53m 53.56± 2.16s
36.183 N ±10.1km 71.355 E ±14.9km
DEPTH = 131.0 ± 23.3 km
4.5mb (4 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

KSH 4.91 47 ePn 55 08.00 1.5
Sn 56 06.00
NDI 8.97 145 ePn 56 02.00 0.7
eSn 57 33.00
DMN 14.46 122 eP 57 13.00 -0.4
0.6s 17.00nm 4.5mb X
KKN 14.47 121 eP 57 11.70 -1.7
WMQ 14.65 54 P 57 14.50 -1.0
PKI 14.69 122 eP 57 14.70 -1.7
0.6s 23.00nm 4.6mb X
POO 17.72 172 eP 57 56.00 2.4
HYB 19.75 159 ePd 58 21.50 6.0X
SHL 20.51 115 iP 58 26.10 2.8X
GTA 22.68 73 P 58 48.60 4.1X
GBA 23.14 165 P 58 52.90 4.0X
S 03 10.90
CD2 27.44 92 (P) 59 28.00 -0.9
NUR 38.25 324 eP 01 01.00 -1.0
SUF 38.34 328 iP 01 03.20 0.4
SOD 40.15 335 eP 01 10.00 -7.6X
NB2 44.81 323 P 01 55.60 0.0
0.7s 3.10nm 4.1mb
BNG 57.81 250 iPd 03 31.90 -1.7
0.4s 5.00nm 4.8mb
i 04 13.00
MTD 64.72 223 eP 04 23.20 3.3X
BUL 69.08 223 iPd 04 47.80 0.4
0.8s 4.48nm 4.3mb
INK 74.17 9 eP 05 18.00 1.2
COL 74.69 16 eP 05 21.00 1.1
0.8s 8.96nm 4.6mb
KIC 75.05 267 eP 05 21.00 -1.8
WRA 81.58 122 eP 06 00.70 2.6
S.D. = 1.6 on 17 of 23 obs.

• SEP 20, 1985 06h 29m 40.29± 0.76s
40.776 N ±19.0km 42.588 E ±11.0km
DEPTH = 10.0km (geophysicist)
4.5mb (6 obs.)
TURKEY (366)

MSL 4.41 174 eP 31 01.50 12.7X
BHD 7.62 169 eP 32 06.00 33.9X
e 34 20.00
i 35 22.00
RTB 7.94 194 eP 32 05.00 26.4X
e 34 09.00
VRI 12.62 299 eP 32 42.00 -0.6
MLR 13.03 297 eP 32 44.50 -3.7X
KSP 20.81 308 eP 34 21.00 -3.1X
VOY 21.44 294 eP 34 30.50 -0.1
PRU 21.64 305 eP 34 30.00 -2.5
e 34 32.50
KBA 21.90 296 i(P) 34 36.50 1.1
1.0s 16.20nm 4.4mb
i 34 40.00
KHC 22.06 302 iP 34 37.00 0.2
BRG 22.24 307 e(P) 34 39.00 0.5
1.5s 21.00nm 4.4mb
NUR 22.65 337 iP 34 47.90 5.4X
CLL 22.93 307 eP 34 46.00 0.7
2.0s 29.00nm 4.5mb
GRF 23.67 303 eP 34 54.00 1.4
SUF 24.07 341 eP 34 56.00 -0.3
0.6s 7.20nm 4.4mb
KJF 25.02 345 iP 35 05.50 0.1
0.8s 17.60nm 4.8mb
SOO 28.06 347 eP 35 33.00 -0.4
DMN 37.19 97 eP 36 54.40 0.7
PKI 37.44 97 eP 36 56.30 0.5
1.1s 17.00nm 4.7mb
GBA 40.71 122 Pd 37 21.50 -1.2
S.D. = 1.1 on 14 of 20 obs.

? SEP 20, 1985 06h 54m 11.01±12.32s
17.890 N ±21.9km 101.638 W ±105.km
DEPTH = 33.0km (normal)
NEAR COAST OF GUERRERO, MEXICO (58)

III 2.12 76 iP 54 45.50 0.5
iS 55 20.00
OXM 2.32 53 eP 54 49.00 1.0
TPM 2.68 66 iP 54 52.00 -0.9
UNM 2.73 58 eP 54 58.50 4.7X
IIC 2.93 50 eP 54 56.00 -0.6
PIO 3.67 113 iP 55 06.80 0.0
i 55 54.00
S.D. = 1.1 on 5 of 6 obs.

• SEP 20, 1985 07h 30m 22.53± 1.77s
24.459 N ±16.5km 123.533 E ±14.3km
DEPTH = 33.0km (normal)
SOUTHWESTERN RYUKYU ISLANDS (246)

TWC 1.54 276 iPd 30 47.80 -0.2
eS 31 04.50
TWD 1.81 258 iPd 30 51.70 -0.2
eS 31 10.50
TWZ 1.89 290 iPd 30 53.20 0.2
eS 31 15.00
ANP 1.97 292 eP 30 57.00 2.7X
TWF1 2.32 242 iPd 30 59.50 0.2
TWG 2.78 235 eP 31 05.70 0.0
WRA 45.37 166 eP 38 39.70 0.0
CTA 49.50 151 iPc 39 04.20 -7.8X
0.8s 4.10nm 4.5mb
S.D. = 0.2 on 6 of 8 obs.

• SEP 20, 1985 07h 38m 26.89± 0.79s
17.770 N ±10.3km 101.455 W ± 8.6km
DEPTH = 33.0km (normal)
4.2mb (11 obs.) 4.1Msz (1 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III 1.98 72 iP 39 01.00 2.0
iS 39 36.00
OXM 2.26 48 eP 39 04.00 1.0
UNM 2.66 54 eP 39 16.00 7.4X
TAC 2.69 52 iP 39 19.00 9.9X
IIC 2.88 46 eP 39 13.50 1.7
iS 40 07.00
PUE 3.34 67 iP 39 26.50 8.2X
PIO 3.46 113 iP 39 19.00 -0.8
LTX 11.69 350 eP 41 18.00 3.5X
1.2s 11.59nm 4.9mb X
JCT 12.74 6 eP 41 39.10 10.6X
1.7s 42.31nm
ALQ 17.67 346 eP 42 34.00 1.6
1.0s 5.25nm 3.6mb
VVO 18.22 15 eP 42 37.70 -1.2
TUL 18.75 14 iPd 42 44.40 -1.1
0.8s 11.70nm 4.1mb
Z 17s 0.75um
RLO 19.19 16 eP 42 48.70 -2.0
GLA 19.40 324 e(P) 42 55.50 2.3
GLA 19.40 324 eP 42 51.00 -2.2
PLM 20.79 321 eP 43 10.00 2.0
RVR 21.54 322 eP 43 11.00 -4.4X
MWC 22.11 321 eP 43 13.00 -8.3X
GOL 22.12 352 eP 43 21.00 -0.4
1.0s 4.00nm 3.8mb
GLD 22.14 352 eP 43 23.50 1.9
1.0s 16.00nm 4.4mb
GSC 22.16 325 eP 43 22.00 0.3
SBB 22.30 322 eP 43 24.00 1.0
FVM 22.34 23 eP 43 22.00 -1.3
1.0s 10.00nm 4.2mb
RSCP 22.67 35 eP 43 25.30 -1.3
0.8s 11.35nm 4.4mb
PRM 23.57 43 eP 43 35.00 -0.4
EUR 25.04 333 iP 43 50.00 0.2
0.2s 4.74nm 4.7mb
BDW 25.86 346 eP 43 57.00 -0.5
1.0s 6.00nm 4.1mb
RSSD 26.36 356 eP 44 05.80 3.7X
0.9s 3.78nm 4.0mb
BMN 26.37 332 eP 44 02.00 -0.1
0.9s 6.05nm 4.2mb
LRM 29.43 344 iPc 44 29.50 -0.4
PNT 34.73 339 eP 45 15.00 -0.9
0.9s 10.00nm 4.7mb
EDM 36.58 348 iPd 45 30.50 -1.1
ZOBO 47.14 134 eP 47 03.00 4.1X
Z 20s 0.23um 4.1Msz
LR 03 25.00
LPB 47.34 134 eP 47 01.00 0.7
LR 03 37.00
CCH 49.27 133 eP 47 13.00 -2.1
TPZ 52.40 137 eP 47 33.00 -6.0X
INK 54.42 346 ePd 47 51.20 -1.6
COL 56.29 338 eP 48 07.00 0.6
SOB1 65.53 109 eP 49 11.00 1.2
ITR 67.59 108 e(P) 49 18.00 -4.9X
MAL 85.02 53 iP 51 02.00 1.4
S.D. = 1.4 on 30 of 41 obs.

& SEP 20, 1985 08h 04m 06.50s

34.390 N 119.790 W
DEPTH = 10.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS). Felt (V) at Goleta, (III) at Santa Barbara and Summerland.

SYP	0.21	311	iPd	04	10.70	-0.4
BLP	0.53	289	eP	04	16.00	-1.3
PAS	1.36	100	iPc	04	29.70	-1.8
			iS	04	47.70	
PHAM	1.53	341	eP	04	31.30	-2.5
WKTM	1.78	38	eP	04	36.00	-1.6
VPEM	2.24	46	eP	04	42.70	-1.7
SDW	2.25	84	eP	04	42.00	-2.5
JAS1	3.57	352	eP	05	01.00	-2.0
	8 obs. assaciated					

* SEP 20, 1985 08h 14m 48.48± 1.60s
17.417 N ±20.5km 102.131 W ± 8.8km
DEPTH = 33.0km (normal)
3.8mb (5 obs.)
NEAR COAST OF MICHOACAN, MEXICO (56)

III	2.71	69	iP	15	31.00	0.2
			iS	16	03.00	
OXM	2.98	51	iP	15	34.00	-0.8
TPM	3.31	61	iP	15	38.50	-0.8
UNM	3.39	55	iP	15	45.00	4.4X
IIC	3.59	49	eP	15	45.00	1.5
			eS	16	31.50	
PIO	3.97	104	eP	15	53.00	4.5X
PBJ	6.51	98	iP	16	25.00	0.5
JCT	13.18	9	iP	18	05.10	9.2X
	1.0s	5.50nm			4.5mb	X
ALQ	17.88	348	eP	18	57.00	0.5
	1.0s	4.50nm			3.6mb	
TUL	19.26	16	eP	19	09.60	-3.6X
	0.8s	3.30nm			3.6mb	
EUR	25.07	334	iP	20	13.10	1.4
	0.3s	3.46nm			4.4mb	
BDW	26.06	347	iP	20	20.00	-0.9
	0.9s	3.42nm			3.9mb	
BMN	26.39	333	eP	20	25.20	1.3
	1.0s	2.25nm			3.7mb	
LRM	29.60	345	iPc	20	52.60	-0.4
EDM	36.79	349	eP	21	54.00	-0.9
INK	54.61	346	eP	24	15.00	-0.8
COL	56.38	339	eP	24	28.00	-0.7
S.D. = 1.0 on 13 of 17 obs.						

% SEP 20, 1985 09h 02m 34.72± 2.39s
34.144 S ±21.4km 71.275 W ±10.8km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.22	329	iP	02	41.50	0.0
			i	03	18.60	
CHCH	0.56	68	eP	02	46.50	0.3
TACH	0.56	30	eP	02	47.00	0.7
PCH	0.82	51	eP	02	49.50	-0.4
BACH	1.02	40	iPc	02	52.70	-0.2
			iS	03	41.70	
PEL	1.11	26	iP	02	54.50	0.4
			iS	03	50.90	
FCH	1.16	45	iP	02	54.60	-0.3
			iS	03	44.90	
ROCH	1.19	11	eP	02	55.00	-0.3
JACH	1.57	22	iPc	03	00.50	-0.2
S.D. = 0.5 on 9 of 9 obs.						

SEP 20, 1985 09h 02m 47.22± 0.39s
16.256 N ± 5.5km 98.558 W ± 5.6km
DEPTH = 22.9km (2 depth phases)
4.9mb (29 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

PIO	0.44	72	iP	02	56.50	0.3
III	2.28	338	iP	03	24.00	-0.4
			iS	04	09.00	
TPM	2.75	350	eP	03	31.00	-0.1
PUE	2.79	7	iP	03	34.40	2.7X
PBJ	3.03	86	iP	03	08.50	-26.3X
UNM	3.12	340	eP	03	41.50	5.2X
TAC	3.19	349	iP	03	49.00	11.6X
OXM	3.21	341	iP	03	37.50	-0.2
IIC	3.55	349	eP	03	41.00	-1.6
			i	04	54.00	
LTX	13.84	341	eP	06	04.50	0.1
	1.0s	13.00nm			4.7mb	X
JCT	14.20	358	iP	06	09.50	0.3
	1.0s	39.00nm			5.0mb	
VVO	19.17	7	ePd	07	11.10	-0.8
OCO	19.21	3	eP	07	12.50	0.0
TUL	19.73	7	ePd	07	17.10	-1.2
	0.9s	60.40nm			4.9mb	
ALQ	19.91	341	eP	07	19.00	-1.4
	1.0s	43.75nm			4.7mb	
UPA	19.91	109	eP	07	25.00	4.7X
	1.3s	76.92nm			4.9mb	
RLO	20.08	8	iPd	07	20.30	-1.7
POW	20.87	17	P	07	32.40	2.2
GLA	22.27	322	eP	07	43.00	-1.4
RSCP	22.48	29	eP	07	46.30	-0.1
	1.0s	170.00nm			5.5mb	
FVM	22.80	17	eP	07	50.20	0.7
	0.9s	57.63nm			5.1mb	
PRM	22.96	36	eP	07	50.00	-1.1
PLM	23.72	319	eP	08	00.00	1.3
GOL	24.10	347	eP	08	03.00	0.6
	1.0s	42.50nm			4.9mb	
GLD	24.12	347	eP	08	04.20	1.7
	1.0s	104.00nm			5.3mb	
RVR	24.47	320	eP	08	16.00	10.3X
SDW	24.70	321	P	08	08.50	0.4
GSC	25.01	323	eP	08	12.00	0.9
MWC	25.04	319	eP	08	08.00	-3.5X
SBB	25.20	320	eP	08	15.00	2.1X
CLC	25.84	323	eP	08	19.00	0.2
VPEM	26.06	322	P	08	21.00	0.1
DAU	26.48	338	P	08	25.00	0.1
CWC	26.55	323	eP	08	26.00	0.5
DUG	26.88	335	P	08	29.30	0.8
	1.0s	12.50nm			4.5mb	
EUR	27.69	330	iP	08	36.10	0.2
	0.8s	3.24nm			4.1mb	
MNA	28.01	326	eP	08	38.70	0.0
			e	08	45.70	
BDW	28.06	343	eP	08	39.00	-0.2
	1.0s	10.00nm			4.5mb	
RSSD	28.16	352	eP	08	41.30	1.2
	1.5s	27.84nm			4.8mb	
JAS1	28.93	322	eP	08	52.00	5.2X
	1.2s	0.80nm			3.3mb	X
BMN	29.03	330	eP	08	48.10	0.2
	1.0s	7.50nm			4.4mb	
LRM	31.69	341	iPd	09	12.10	0.6
LHC	32.97	11	eP	09	21.50	-0.8
			pP	09	28.00	22km
RSNY	34.74	31	eP	09	37.60	-0.1
	1.0s	10.00nm			4.7mb	
RSON	34.74	5	iP	09	36.30	-1.3
	1.0s	25.00nm			5.1mb	
OTT	34.80	29	eP	09	38.00	-0.2
MNT	35.87	30	eP	09	47.50	0.2
PNT	37.16	337	eP	09	58.00	-0.1
	1.2s	46.00nm			5.2mb	
			pP	10	05.00	24km
EDM	38.67	346	eP	10	10.00	-0.8
HNME	39.21	34	eP	10	16.00	0.7
ZOBO	44.11	136	iP	10	56.40	-0.1
			LR	27	26.00	
LPB	44.32	136	Pc	10	58.00	0.0
SCH	45.61	25	eP	11	07.00	-0.4
CCH	46.24	135	eP	11	11.00	-2.1
TPZ	49.42	138	eP	11	37.00	-1.0
INK	56.57	345	eP	12	29.00	-1.1
COL	58.73	338	eP	12	44.00	-1.3
	0.9s	21.01nm			5.2mb	
MBC	60.99	354	eP	13	00.00	-0.7
	0.7s	17.00nm			5.3mb	
SOB1	62.42	110	eP	13	16.60	5.4X
LPF	83.00	42	eP	15	12.50	0.5
	1.0s	11.10nm			5.0mb	
GRR	83.02	42	eP	15	12.70	0.6
	0.8s	6.10nm			4.8mb	
FLN	83.15	41	eP	15	13.40	0.6
	1.0s	8.30nm			4.8mb	
LDF	83.43	41	eP	15	15.20	1.0
LSF	85.21	43	eP	15	23.60	0.4
	0.9s	5.10nm			4.8mb	
EPF	85.40	47	eP	15	25.00	0.7
	1.0s	6.80nm			4.8mb	
RJF	85.50	44	eP	15	25.00	0.3
	0.8s	6.40nm			4.9mb	
TCF	85.64	43	eP	15	25.80	0.4
	0.8s	6.20nm			4.9mb	
MZF	85.91	43	eP	15	27.40	0.7
	0.9s	11.00nm			5.1mb	
BGF	85.97	43	eP	15	27.50	0.5
	0.9s	7.80nm			4.9mb	
CAF	85.98	44	eP	15	27.40	0.2
SSF	86.23	42	eP	15	28.60	0.3
LOR	86.38	42	eP	15	29.50	0.4
	0.8s	5.90nm			4.9mb	
LBF	86.56	42	eP	15	30.10	0.1
	1.0s	4.60nm			4.7mb	
WRA	129.75	257	ePKP	22	00.50	3.4X
HYB	146.42	5	ePKP	22	27.00	-0.6X
AVY	147.78	100	ePKP	22	39.90	10.0X
GBA	150.07	8	PKPd	22	36.50	3.2X
GBA	150.07	8	PKP	22	44.00	10.7X
S.D. = 0.9 on 63 of 78 obs.						

SEP 20, 1985 09h 41m 13.78± 0.85s
40.346 N ± 8.2km 25.816 E ±10.7km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.65	143	iPg	41	26.00	-0.8
			iSg	41	35.50	
KDZ	1.34	345	iPd	41	39.00	0.5
EDC	1.56	89	iPn	41	42.90	1.2
DIM	1.71	354	iPc	41	47.00	3.3X
PLD	1.95	335	iPd	41	52.00	4.8X
MMB	2.01	309	eP	41	48.00	-0.2
DMK	2.08	44	ePn	41	47.90	-1.2
JMB	2.20	15	eP	41	56.00	5.2X
IZM	2.24	150	ePn	41	51.90	0.3
VAY	2.65	293	ePn	42	20.40	23.1X
PVL	2.84	350	eP	42	00.00	0.0
VTS	2.99	320	eP	42	10.00	8.0X
VOY	10.39	307	iPg	44	09.30	23.3X
			i	44	10.40	
S.D. = 1.0 on 7 of 13 obs.						

* SEP 20, 1985 09h 51m 51.02± 1.45s
17.569 N ±16.5km 102.066 W ± 8.9km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
NEAR COAST OF MICHOACAN, MEXICO (56)

III	2.60	72	iP	52	31.00	-0.9
			iS	53	05.00	
OXM	2.84	52	iP	52	35.00	-0.3
UNM	3.25	57	eP	52	44.50	3.4X
IIC	3.44	50	eP	52	44.00	0.0
PBJ	6.47	99	eP	53	27.50	1.0
			i	54	57.00	
LTX	11.80	353	eP	54	40.00	-0.2
JCT	13.02	9	eP	54	56.50	0.2
ALQ	17.74	348	eP	55	59.50	2.1
GLA	19.23	326	eP	56	21.00	5.7X
SDW	21.63	325	eP	56	40.00	-0.5
GOL	22.24	353	eP	56	40.50	-6.3X
VPEM	23.03	326	eP	56	54.50	0.1
EUR	24.96	334	eP	57	13.00	-0.2
	0.9s	2.82nm			3.9mb	
BDW	25.92	347	eP	57	21.00	-1.2
LRM	29.47	345	ePd	57	54.30	-0.1
S.D. = 1.0 on 12 of 15 obs.						

SEP 20, 1985 10h 49m 23.36± 0.65s
33.679 N ± 7.2km 134.750 E ± 4.9km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
SHIKOKU, JAPAN (236)

TKS	0.41	340	iPd	40	32.90	0.3
			iS	40	39.40	
WKY	0.65	32	iPd	40	36.20	0.2
			iS	40	44.00	
TKM	0.86	318	P	40	39.20	0.2
			iS	40	49.80	
SHJ	0.88	105	P	40	38.70	-0.6
			S	40	49.50	
KOC	1.02	263	iPc	40	41.60	0.3
			iS	40	54.70	
KOB	1.07	19	eP	40	41.00	-1.0
			S	40	53.90	
OSA	1.18	32	eP	40	43.00	-0.6

20d 10h

			iS	40 57.00		
OSK	1.20	39	eP	40 43.00	-0.9	
			S	40 57.80		
KYO	1.56	31	eP	40 50.00	0.9	
			S	41 06.70		
TYK	1.85	2	P	40 53.30	0.0	
			S	41 14.60		
SHK	1.92	297	ePc	40 53.50	-0.8	
			eS	41 25.60		
NAG	2.35	50	eP	41 02.00	1.4	
			eS	41 28.00		
GIF	2.39	44	eP	41 03.00	2.0	
			iS	41 27.00		
KAN	3.26	28	eP	41 51.00	37.7X	
MAT	4.02	44	iPc	41 23.20	-1.0	
			eS	42 07.00		
OYM	4.09	64	eP	41 24.50	-0.8	
SRY	4.20	51	eP	41 26.00	-0.6	
DDR	4.33	56	eP	41 29.10	0.5	
			e	42 17.10		
TSK	5.08	59	eP	41 34.30	-4.8X	
WRA	53.32	180	P	49 42.00	0.5	
	0.3s		0.30nm		3.8mb	
WRA	53.32	180	eP	49 46.70	5.2X	
	S.D. = 0.9		on	18 of	21 obs.	

? SEP 20, 1985 10h 54m 54.11± 2.25s
18.633 N ±19.2km 102.951 W ±18.4km
DEPTH = 33.0km (normal)
3.9mb (2 obs.)
MICHOACAN, MEXICO (57)

OXM	3.16	77	eP	55 42.00	-1.0	
III	3.32	94	iP	55 44.50	-0.6	
			iSg	56 29.50		
UNM	3.63	78	eP	55 50.50	0.8	
IIC	3.67	71	eP	55 55.00	4.8X	
TPM	3.70	84	iP	55 53.00	2.5X	
PIO	5.11	115	iP	56 02.70	-7.7X	
PBJ	7.52	106	eP	56 45.00	0.7	
LTX	10.67	357	eP	57 34.00	6.1X	
	1.0s		3.00nm		4.5mb X	
JCT	12.14	13	eP	58 04.00	16.3X	
ALQ	16.54	350	e(P)	58 51.00	5.6X	
	1.0s		3.00nm		3.4mb	
VVO	17.83	20	eP	59 02.10	0.8	
TUL	18.34	19	iPc	59 08.00	0.4	
	0.6s		21.50nm		4.5mb	
RLO	18.82	20	iP	59 12.60	-0.9	
INK	53.25	346	ePc	04 11.10	-0.3	
	S.D. = 0.9		on	8 of	14 obs.	

* SEP 20, 1985 10h 57m 10.51± 1.35s
11.818 N ±21.7km 87.900 W ±19.1km
DEPTH = 33.0km (normal)
4.4mb (6 obs.)
NEAR COAST OF NICARAGUA (74)

SJS	4.21	116	iPc	58 14.20	0.0	
UPA	8.70	108	eP	59 29.00	11.9X	
	1.1s		40.51nm			
	Z 18s		1.10um			
			LR	03 34.00		
PRM	22.73	12	eP	02 11.30	0.4	
LTX	22.79	322	eP	02 12.50	0.9	
	1.0s		16.00nm		4.5mb	
RSCP	23.77	5	eP	02 22.30	1.3	
	1.0s		30.00nm		4.8mb	
VVO	24.47	344	ePd	02 28.90	1.2	
TUL	25.03	345	eP	02 32.40	-0.7	
	1.3s		55.90nm		5.0mb	
RLO	25.08	346	eP	02 32.50	-1.1	
OCO	25.15	341	e(P)	02 34.80	0.6	
FVM	26.15	355	eP	02 41.50	-2.1	
GOL	31.79	334	eP	03 34.00	-0.5	
	1.0s		4.00nm		4.2mb	
RSSD	35.06	340	eP	04 02.80	0.1	
	1.0s		4.50nm		4.4mb	
BDW	36.13	333	eP	04 11.50	-0.3	
	1.0s		1.80nm		3.9mb	
LRM	39.81	333	ePc	04 42.40	-0.2	
PNT	45.66	331	eP	05 30.00	0.2	
	S.D. = 1.0		on	14 of	15 obs.	

* SEP 20, 1985 12h 57m 52.33± 1.05s
17.586 N ±12.9km 101.793 W ± 7.7km
DEPTH = 33.0km (normal)
4.0mb (6 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.35	70	iP	58 29.50	-0.1	
			iS	58 59.50		
OXM	2.62	49	iP	58 33.50	-0.1	
TPM	2.94	61	iP	58 38.50	0.5	
UNM	3.02	55	eP	58 43.00	3.7X	
			iS	59 20.00		
TAC	3.06	53	iP	58 46.00	6.2X	
			iS	59 26.00		
IIC	3.24	48	eP	58 42.50	0.2	
PIO	3.70	108	eP	58 49.00	0.4	
PBJ	6.22	100	eP	59 24.00	-0.2	
LTX	11.82	352	eP	00 42.00	0.3	
	1.2s		5.80nm		4.6mb	
JCT	12.96	8	eP	01 05.00	8.1X	
	1.0s		6.00nm		4.6mb X	
ALQ	17.78	347	e(P)	01 59.00	-0.2	
	1.0s		3.75nm		3.5mb	
TUL	19.01	15	eP	02 34.60	20.5X	
	1.2s		8.60nm			
EUR	25.06	333	iP	03 16.00	0.5	
	0.5s		2.79nm		4.1mb	
MNA	25.22	329	ePc	03 19.10	2.2	
BDW	25.97	347	eP	03 23.00	-0.9	
	1.0s		3.20nm		3.9mb	
BMN	26.38	333	eP	03 28.20	0.5	
	0.8s		1.47nm		3.6mb	
LRM	29.52	345	iPc	03 55.40	-0.8	
INK	54.52	346	eP	07 18.00	-1.0	
COL	56.34	338	eP	07 31.00	-1.2	
	1.1s		9.49nm		4.7mb	
	S.D. = 0.9		on	15 of	19 obs.	

* SEP 20, 1985 13h 19m 13.84± 1.61s
17.740 N ±15.6km 102.023 W ±11.6km
DEPTH = 33.0km (normal)
3.6mb (2 obs.)
NEAR COAST OF MICHOACAN, MEXICO (56)

III	2.51	75	iP	19 53.50	0.0	
			iS	20 24.50		
OXM	2.70	55	iP	19 55.50	-0.7	
TPM	3.07	66	eP	20 00.00	-1.4	
UNM	3.12	59	eP	20 03.00	0.8	
			iS	20 42.00		
IIC	3.31	52	eP	20 05.00	0.2	
			iS	20 48.50		
PIO	3.96	109	eP	20 14.00	0.2	
PBJ	6.46	101	iP	20 50.00	0.8	
LTX	11.64	353	eP	22 02.00	1.2	
	1.0s		14.00nm		5.1mb X	
ALQ	17.58	348	eP	23 19.30	1.1	
	1.0s		3.50nm		3.4mb	
BDW	25.77	347	eP	24 42.50	-1.1	
	1.0s		3.00nm		3.8mb	
BMN	26.14	333	eP	24 28.00	-19.0X	
LRM	29.32	345	ePc	25 14.70	-1.1	
	S.D. = 1.1		on	11 of	12 obs.	

* SEP 20, 1985 14h 26m 43.95± 1.38s
24.517 N ± 7.9km 122.162 E ±13.4km
DEPTH = 10.0km (geophysicist)
4.0mb (1 obs.)
TAIWAN REGION (243)

TWC	0.30	288	iPd	26 49.50	-0.7	
			eS	26 54.70		
TWD	0.68	230	iPc	26 57.50	0.2	
			eS	27 08.00		
TWZ	0.78	318	iPc	26 59.00	-0.2	
ANP	0.89	319	eP	27 01.80	0.8	
TWF1	1.40	215	eP	27 10.00	0.4	
WRA	45.76	164	P	35 07.00	-0.4	
	0.7s		1.30nm		4.0mb	
	S.D. = 0.7		on	6 of	6 obs.	

SEP 20, 1985 14h 30m 03.61± 0.87s
26.269 S ± 8.0km 28.113 E ± 8.8km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

SLR	0.55	16	ePc	30 15.70	1.0	
			S	30 22.10		
EVA	0.90	105	eP	30 21.20	-0.2	
JOZ	3.73	109	eP	31 07.40	4.3X	
			S	43 49.00		
BUL	6.11	4	iPnc	31 37.90	0.9	
			iSn	32 45.30		
			eSg	33 14.00		
SUR	8.81	225	eP	32 15.00	0.2	
			S	33 50.00		
KRI	9.50	9	ePn	32 23.00	-1.2	
			eSn	34 03.00		
			eSg	34 56.00		
MTD	9.98	20	ePn	32 30.00	-0.8	
			eSn	34 15.10		
			iSg	35 10.50		
WIN	10.69	288	eP	32 41.00	0.3	
LSZ	10.94	0	iP	32 42.40	-1.6	
			iS	34 39.00		
			iLg	35 43.90		
TET	11.28	28	eP	32 50.00	1.4	
			eSn	34 49.00		
			iSg	35 53.00		
	S.D. = 1.2		on	9 of	10 obs.	

* SEP 20, 1985 14h 30m 46.09± 0.85s
28.337 N ± 9.8km 140.947 E ±11.9km
DEPTH = 33.0km (normal)
5.3mb (2 obs.)
BONIN ISLANDS REGION (212)

CBI	1.65	138	eP	31 13.00	-0.2	
MAT	8.50	345	eP	32 51.00	1.1	
	1.0s		15.00nm		5.1mb X	
			eS	34 40.00		
MVI	9.01	256	eP	33 14.00	17.1X	
			eS	35 11.00		
SSE	17.38	284	P+	34 48.00	0.3	
	0.8s		452.00nm		5.7mb	
	N 10s		0.90um			
	E 10s		0.60um			
			S	38 12.00		
			sS	38 22.00		
			S	04 17.00		
			Lg	05 02.00		
MDJ	18.61	334	P	35 04.00	1.3	
			S	38 28.00		
DL2	19.20	308	eP	35 07.00	-2.9	
NJ2	19.45	286	Pc	35 14.50	1.7	
			S	38 44.00		
SNY	19.53	318	Pd	35 13.00	-0.6	
			eS	38 50.00		
CN2	19.82	325	Pd	35 16.00	-0.8	
			eS	38 56.00		
TIA	21.58	297	eP	35 30.00	-4.9X	
BAG	22.22	242	eP	35 42.00	0.4	
			eS	39 45.00		
WHN	23.25	282	eP	35 51.50	0.1	
BJI	23.50	306	eP	35 55.00	1.2	
			eS	40 03.00		
HKC	24.91	262	e(P)	36 10.00	2.5	
GZH	25.38	264	eP	36 12.00	0.0	
TIY	25.59	299	eP	36 13.10	-0.8	
DAV	25.65	217	eP	36 14.00	-0.6	
HHC	27.08	305	eP	36 24.00	-3.7X	
XAN	27.91	290	eP	36 32.60	-2.6	
PSI	47.45	245	ePd	39 19.60	-0.2	
	0.8s		11.90nm		5.0mb	
WRA	48.42	188	eP	39 23.20	-4.0X	
KKN	48.74	283	eP	39 26.50	-3.5X	
GBA	60.49	270	Pc	40 59.80	4.3X	
LRM	80.71	43	ePc	42 57.80	0.1	
	S.D. = 1.4		on	18 of	24 obs.	

SEP 20, 1985 15h 01m 23.57± 0.46s
24.593 N ± 2.8km 122.280 E ± 3.2km
DEPTH = 18.4 ± 3.2 km
5.3mb (44 obs.) 5.1Msz (5 obs.)
TAIWAN REGION (243)
Felt on northeastern Taiwan.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 19C
Centroid Location:
Origin Time 15:01:22.6 0.4
Lat 24.42N 0.05 Lon 122.20E 0.08
Dep 10.0 FIX Half-duration 1.7
Moment Tensor; Scale 10**24 D-CM
Mrr=-1.42 0.10 Mtt= 1.47 0.08
Mff=-0.05 0.15 Mrt= 1.06 0.38
Mrf= 0.18 0.20 Mtf=-0.01 0.08

```
      Principal Axes:
       T  Val=  1.82   Plg=18   Azm=358
       N       -0.04      5       267
       P       -1.78     71       162
     Best Double Couple:Mo=1.8*10**24
     NP1:Strike= 96 Dip=27 Slip= -79
     NP2:        264     63       -95

TWC     0.39 272 iPd   01 30.20  -1.5
                 eS    01 35.50
TWD     0.81 231 iPd   01 38.00  -0.7
TWZ     0.81 308 iPc   01 39.20   0.4
ANP     0.91 310 iPc   01 41.80   1.2
TWF1    1.53 216 iPd   01 50.00   0.0
ISI     1.74  98 Pd    01 54.30   1.2
                 iS    02 16.30
TWG     2.08 212 ePn   01 58.00  -0.1
MYK     2.74  85 eP    02 12.00   4.6X
                 eS    02 49.00
MYK     2.74  85 iPc   02 12.10   4.7X
                 S     02 49.20
QZH     3.37 277 ePn   02 15.50  -0.9
                 Pg    02 26.00
                 Sn    02 53.50
NAH     5.15  71 eP    02 46.00   4.4X
                 eS    03 49.00
NGO     5.51  68 eP    02 52.00   5.2X
                 eS    03 58.00
SSE     6.55 352 iPnc  02 59.00  -2.4
                 Sn    04 17.00
                 Lg    05 02.00
HKC     7.79 255 iP    03 18.00  -0.7
                 iS    04 42.00
NJ2     8.02 330 iPnd  03 18.80  -3.1X
                 iS    04 44.20
BAG     8.29 191 ePn   03 26.50   0.5
GZH     8.32 261 iPd   03 26.20   0.1
MCO     8.38 255 iP    03 27.30   0.2
TIA    12.40 340 eP    04 17.60  -4.4X
QIZ    12.81 247 eP    04 27.80   0.3
                 Lg    08 11.00
                 e     08 29.50
SHK    13.41  40 eP    04 44.10   8.7X
GYA    14.22 281 Pd    04 47.00   0.7
                 S     07 16.80
DL2    14.28 358 Pc    04 48.00   1.2
XAN    14.97 312 eP    04 54.00  -1.9
                 Lg    08 54.00
                 e     09 21.00
TIY    15.54 330 eP    05 03.00  -0.4
BJI    16.24 343 eP    05 14.00   1.8
                 sP    05 25.00
                 eS    08 18.00
SNY    17.22   3 Pc    05 26.00   1.4
                 sP    05 33.00
                 S     08 39.00
CD2    17.55 295 eP    05 28.90   0.0
DAV    17.69 169 eP    05 36.00   5.3X
                 eS    08 48.00
KMI    17.74 276 eP    05 31.50   0.0
KMI    17.74 276 Pc    05 33.00   1.5
     E  11s     4.90um
                 sP    05 48.50
                 S     08 50.00
                 sS    08 59.00
MAT    18.14  45 eP    05 36.00  -0.1
       1.4s   48.84nm          4.5mb
     Z  19s     8.33um
                 eS    09 00.00
HHC    18.52 334 P     05 42.40   1.5
BTO    18.98 330 iPc   05 48.00   1.5
CN2    19.34   7 iPc   05 51.00   0.3
KKM    19.34 199 ePc   05 51.20   0.1
       0.9s  103.30nm          5.1mb
LZH    19.57 310 eP    05 55.00   1.4
LOE    20.46 253 iPd   06 03.00   0.1
                 i     12 04.00
MDJ    20.85  15 Pd    06 08.30   1.6
                 pP    06 11.50  12kmX
                 sP    06 15.50
PCT    21.96 247 ePc   06 20.00   1.8
       0.9s  200.90nm          5.5mb
CHG    22.42 260 iPd   06 24.80   2.1
       1.0s  140.00nm          5.4mb
                 eS    10 34.00
NST    22.58 251 iPd   06 21.00  -3.3X
BDT    22.92 256 eP    06 26.50  -1.1

       1.3s  186.20nm          5.4mb
PJG    23.95 113 eP    06 40.10   2.5
GUA    24.01 113 eP    06 39.50   1.2
       1.1s  313.92nm          5.8mb
     Z  18s     2.89um          4.8Msz
                 eS    11 16.00
GTA    24.02 313 iPd   06 39.30   1.0
                 S     10 55.00
KHT    24.31 251 eP    06 43.20   2.0
NNT    24.43 245 eP    06 43.80   1.4
SNG    27.02 234 eP    07 08.00   1.4
SHL    27.52 279 iP    07 11.30   0.0
                 iS    11 50.00
LSA    28.12 287 Pd    07 16.80  -0.2
                 S     12 02.00
AGT    28.28 275 eP    07 20.00   2.1
IPM    28.53 229 ePd   07 18.20  -2.1
       1.1s   91.90nm          5.4mb
KGM    28.97 222 ePd   07 24.40   0.2
MKS    29.76 186 ePc   07 29.40  -1.9
TSI    31.01 231 ePc   07 43.90   1.5
PSI    31.33 230 ePd   07 44.70  -0.5
       0.9s  134.40nm          5.8mb
PPI    32.71 224 ePc   07 57.80   0.6
       1.2s  199.90nm          5.9mb
PKI    33.17 283 eP    08 01.60  -0.1
KKN    33.27 284 eP    08 02.60   0.2
DMN    33.44 283 eP    08 04.10   0.2
TRT    33.45 198 iPc   08 03.30  -0.4
       1.0s  138.50nm          5.8mb
SLKI   33.55 164 ePc   08 04.40  -0.1
WMQ    34.10 313 Pc    08 09.40   0.1
                 pP    08 13.40  14kmX
                 S     13 36.00
LEM    34.34 206 ePc   08 13.00   1.4
       0.8s   28.36nm          5.2mb
MTN    38.20 166 iPd   08 42.60  -1.4
       0.6s  113.00nm          5.8mb
KVG    38.68 130 eP    08 48.00  -0.1
NDI    40.31 286 iP    09 01.00  -0.6
                 iS    15 08.00
KNA    40.59 170 eP    09 03.00  -0.9
       0.6s   31.00nm          5.2mb
HYB    41.31 269 ePd   09 10.50   0.6
       1.0s   50.00nm          5.2mb
KSH    41.51 302 eP    09 13.00   1.6
PMG    41.61 141 eP    09 13.00   0.8
LMG    41.78 140 eP    09 16.50   2.6
GBA    43.59 264 P     09 29.00   0.5
KOD    44.87 260 eP    09 40.00   0.7
POO    45.26 272 iP    09 42.80   0.7
M8L    45.54 183 iPc   09 42.20  -1.8
       0.6s   12.00nm          5.0mb
WRA    45.80 164 iPd   09 46.00  -0.1
80M    46.10 273 eP    09 49.00   0.4
                 eS    16 40.00
ISQ    48.07 158 eP    10 05.00   1.0
       0.8s  120.00nm          6.0mb
QUE    49.05 289 iPd   10 16.70   4.9X
ASPA   49.28 166 iPd   10 13.70   0.4
                 e     17 02.00
                 eS    17 27.00
CTA    50.17 150 iPd   10 20.80   0.6
       1.1s   82.28nm          5.6mb
                 iS    17 40.00
MEK    51.03 184 eP    10 24.00  -2.7
       0.5s   16.00nm          5.2mb
KHI    55.50 296 e(P)  10 59.00  -1.0
MUN    56.55 186 eP    11 17.00   9.8X
RMQ    56.86 151 eP    11 10.00   0.4
NWAO   57.40 185 iPc   11 12.00  -1.2
       0.7s   25.00nm          5.4mb
     Z  20s     0.30um          4.4Msz
     N  20s     0.20um
     E  20s     0.20um
RKG    58.55 185 eP    11 24.00   2.7
STK    59.11 161 eP    11 25.00  -0.2
       0.7s   23.00nm          5.4mb
BRS    59.46 148 P     11 26.20  -1.6
CMS    60.14 157 eP    11 32.00  -0.3
KOU    60.70 134 iP    11 37.10   0.8
ADE    61.25 165 iPd   11 39.60  -0.3
       1.0s  156.00nm          6.1mb
DZM    63.18 134 iPd   11 53.20   0.1
BFD    64.33 162 iPd   11 59.90  -0.4
CAN    64.74 156 eP    12 04.00   1.0
TOO    65.57 160 eP    12 08.00  -0.3

COL    67.99  27 eP    12 23.00  -0.3
SGE    68.55 122 iPd   12 28.10   0.5
SOD    69.70 336 iP    12 32.90  -0.9
KJF    70.10 332 eP    12 35.00  -1.3
       0.7s   17.40nm          5.3mb
SUF    71.19 331 iP    12 41.50  -1.4
       0.5s    4.70nm          4.9mb
INK    72.47  22 eP    12 49.00  -1.5
NUR    72.55 329 iP    12 41.00 -10.0X
       0.7s    9.30nm
     Z  19s     1.20um          5.2Msz
NUR    72.55 329 eP    12 55.00   4.0X
     Z  19s     1.20um          5.2Msz
                 i     13 07.20
                 eS    22 10.00
                 LR    46 20.00
ALE    73.08   1 eP    13 00.00   6.2X
       0.7s    3.00nm          4.5mb
JER    75.15 298 eP    13 02.50  -4.3X
                 eS    22 47.00
NOH    75.71 297 iP    13 10.50   0.5
UPP    76.05 330 iP    13 10.50  -0.7
DAG    76.13 351 iPd   13 09.20  -2.3
       0.5s    5.63nm          4.9mb
VRI    76.44 314 eP    13 13.50  -0.3
COZ    78.19 314 ePd   13 23.00  -0.7
NB2    78.33 332 P     13 23.00  -1.0
       1.3s   40.60nm          5.3mb
YER    78.58 306 iP    13 25.50  -0.3
KRA    78.99 320 ePc   13 27.20  -0.5
       0.7s   25.00nm          5.4mb
     Z  15s     3.90um          5.9MszX
     N  15s     2.90um
     E  15s     2.60um
                 i     13 31.20
                 e     13 46.20
                 eS    23 28.00
CLO    79.29 315 ePc   13 29.00  -0.5
KRP    79.78 140 eP    13 31.00  -1.1
MSZ    80.55 149 P     13 36.10   0.1
VAY    80.99 311 iP    13 37.40  -1.2
ZST    81.48 319 eP    13 40.90  -0.1
SKO    81.49 312 iPd   13 40.80  -0.4
       0.8s   20.00nm          5.2mb
                 iS    23 40.00
MNG    81.56 142 P     13 41.00  -0.5
GNZ    81.73 139 P     13 42.30   0.0
BRG    82.02 323 eP    13 43.80   0.0
                 i     16 50.00
PRU    82.12 322 eP    13 45.00   0.7
     Z  16s     1.80um          5.5MszX
     N  19s     1.60um
     E  19s     2.00um
OHR    82.29 312 eP    13 43.20  -2.3
CLL    82.33 323 eP    13 45.00  -0.4
       1.6s   26.00nm          5.1mb
KHC    83.09 321 iP    13 49.30  -0.1
       1.1s   16.00nm          5.1mb
     Z  16s     0.90um          5.2MszX
     N  16s     1.10um
     E  16s     0.90um
MOX    83.42 323 eP    13 50.00  -1.1
     Z  16s     2.50um          5.7MszX
     N  18s     2.50um
     E  19s     2.10um
LJU    84.05 318 eP    13 53.60  -0.7
GRF    84.13 322 eP    13 55.30   0.6
     Z  22s     1.50um          5.3Msz
KBA    84.25 319 i(P)  13 54.70  -0.9
       1.1s   18.40nm          5.2mb
                 i     13 58.80
                 i     17 10.30
VOY    84.44 318 iPc   13 55.60  -0.8
AVY    84.48 246 iPc   13 56.60  -0.5
TRI    84.68 318 eP    13 51.40  -6.1X
                 e     24 23.00
                 e     24 42.00
                 e     25 18.00
                 e     30 44.00
FUR    84.90 321 eP    13 59.00   0.4
NAI    86.41 267 iPd   14 09.50   2.6
       1.0s   50.00nm          5.7mb
MEM    86.43 325 P     14 07.40   1.3
WLF    86.90 324 P     14 08.70   0.3
CDF    87.01 323 eP    14 08.90  -0.2
DOU    87.47 325 P     14 11.30   0.2
     Z  16s     2.10um          5.6MszX
```

20d 15h

		S	25	46.00		
PNT	88.15	35 eP	14	15.00	0.5	
LPG	88.95	321 eP	14	18.50	-0.3	
	0.8s	12.00nm			5.3mb	
LOR	89.54	323 eP	14	20.20	-1.0	
LBF	89.65	323 eP	14	20.90	-0.8	
SMF	89.93	323 eP	14	22.50	-0.5	
	0.8s	12.00nm			5.2mb	
NEW	90.10	35 eP	14	23.00	-0.8	
AVF	90.11	323 eP	14	23.20	-0.6	
	0.8s	6.90nm			4.9mb	
FRF	90.12	319 eP	14	23.30	-0.6	
	0.8s	5.80nm			4.9mb	
LRG	90.35	319 eP	14	24.90	0.0	
	1.0s	9.60nm			5.0mb	
TCF	91.04	323 eP	14	28.10	0.0	
	1.0s	5.50nm			4.8mb	
SES	91.72	31 eP	14	31.00	-0.2	
CAF	91.96	322 eP	14	32.60	0.2	
	0.9s	11.40nm			5.3mb	
RJF	92.03	323 eP	14	33.00	0.3	
	0.8s	11.80nm			5.3mb	
FFC	92.36	24 iPc	14	34.10	0.1	
	1.1s	23.00nm			5.5mb	
LPO	92.69	322 eP	14	35.40	0.1	
	1.0s	7.60nm			5.1mb	
LRM	94.11	35 ePc	14	42.30	-0.3	
BMN	94.89	41 iP	14	47.00	0.8	
EUR	96.24	41 iP	14	53.00	0.5	
	1.0s	4.81nm			4.9mb	
KRI	99.18	256 iPc	15	04.00	-1.8	
BUL	101.32	253 iPdiff	15	14.50	-1.0	
	0.9s	7.98nm			5.3mb	
SBA	105.48	171 e(PKP)	19	43.10	-2.9	
SPA	114.45	180 e(PKP)	20	02.20	-1.3	
KIC	119.95	294 ePKP	20	14.10	-1.2	
BOG	146.89	31 ePKP	21	06.00	0.3	
ITR	155.77	307 ePKP	21	17.50	-0.8	
SOB1	157.83	311 ePKP	21	20.90	-0.1	
ZOBO	167.21	52 iPKP	21	31.30	0.7	
	1.5s	21.51nm				
BAO	167.24	312 ePKPd	21	29.40	-0.7	
LPB	167.40	52 ePKP	21	17.00	-13.5X	
TPZ	172.03	69 PKP	21	37.00	4.1X	
YJA	172.45	73 ePKPd	21	34.80	1.6	
	S.D. = 1.1	on 155 of 173 obs.				

* SEP 20, 1985 15h 22m 56.85± 1.61s
24.609 N ±10.2km 122.145 E ±20.5km
DEPTH = 33.0km (normal)
TAIWAN REGION (243)

TWC	0.27	270 iPd	23	02.00	-2.2	
		eS	23	07.00		
TWZ	0.71	313 iPd	23	11.30	0.9	
TWD	0.73	224 iPc	23	10.00	-0.6	
ANP	0.81	315 eP	23	14.00	2.1	
TWF1	1.47	212 iPc	23	22.30	1.0	
SSE	6.52	353 P	24	31.30	-1.6	
		Lg	26	34.50		
WRA	45.85	164 iPc	31	18.20	0.4	
	S.D. = 1.9	on 7 of 7 obs.				

SEP 20, 1985 15h 52m 51.92± 0.84s
46.294 N ± 9.6km 1.655 E ± 7.0km
DEPTH = 10.0 ± 6.6 km
FRANCE (538)
ML 2.3 (LDG).

LSF	0.10	243 Pg	52	54.00	-0.6	
TCF	0.38	91 Pg	52	59.00	-0.8	
		Sg	53	03.30		
MZF	0.65	97 Pg	53	03.50	-1.4	
		Sg	53	11.80		
BGF	0.87	72 Pg	53	08.30	-0.3	
		Sg	53	18.90		
RJF	0.99	186 Pg	53	09.90	-0.9	
		Sg	53	22.90		
MFF	1.28	285 Pg	53	15.10	-0.6	
		Sg	53	31.60		
CAF	1.40	168 Pg	53	17.70	0.2	
		Sg	53	35.20		
SSF	1.49	58 Pg	53	17.40	-1.3	
		Sg	53	36.90		
SMF	1.55	76 Pg	53	20.80	1.2	
		Sg	53	39.60		
LPO	1.64	192 Pg	53	23.00	2.0	
		Sg	53	43.00		
LOR	1.80	56 Pg	53	25.70	2.4	
		Sg	53	46.50		
	S.D. = 1.6	on 11 of 11 obs.				

* SEP 20, 1985 16h 12m 24.21± 0.82s
15.596 S ±16.3km 174.703 W ±11.8km
DEPTH = 299.6 ± 8.0 km
4.5mb (4 obs.)
TONGA ISLANDS (173)

AFI	3.29	60 P	13	22.00	-1.3	
		S	14	08.00		
VUN	6.97	249 iPc	14	06.70	0.8	
SVA	7.01	248 ePc	14	07.10	0.7	
SGE	7.34	253 iPd	14	11.80	1.2	
CAN	37.92	232 eP	19	14.40	-0.6	
YOU	38.02	234 eP	19	22.30	6.5X	
WAM	38.34	231 eP	19	17.90	-0.4	
TOO	41.37	230 eP	19	42.00	-1.2	
WRA	48.57	257 Pc	20	38.10	-2.0	
	0.4s	2.20nm			3.8mb	
ASPA	48.86	252 iPd	20	40.30	-1.9	
SBA	62.96	184 iPd	22	21.80	0.8	
	1.0s	12.00nm			4.5mb	
SPA	74.50	180 eP	23	32.00	0.3	
	1.0s	12.00nm			4.6mb	
BMN	77.12	41 eP	23	47.00	0.4	
ALQ	81.89	50 eP	24	13.00	0.9	
	1.2s	14.84nm			4.7mb	
COL	82.83	11 eP	24	16.00	0.0	
BJI	84.70	314 eP	24	26.00	0.2	
SOB1	128.03	115 e(PKP)	30	57.00	-0.1	
ITR	130.39	116 e(PKP)	30	45.00	-16.6X	
NAI	144.64	245 ePKP	31	29.00	1.0	
	1.0s	20.00nm				
MOX	144.67	353 e(PKP)	31	26.00	-0.7	
PRU	144.89	350 PKPc	31	27.20	0.2	
KHC	145.88	350 PKP	31	30.40	1.6	
	S.D. = 1.1	on 20 of 22 obs.				

* SEP 20, 1985 18h 01m 04.40± 0.41s
26.453 S ± 9.5km 177.115 W ± 8.4km
DEPTH = 145.6km (3 depth phases)
5.0mb (7 obs.)
SOUTH OF FIJI ISLANDS (171)

VUN	9.35	333 eP	03	16.10	-0.8	
SGE	9.95	331 eP	03	21.90	-3.1X	
AFI	13.44	23 P	04	06.00	-4.6X	
		S	06	18.00		
MNG	15.41	202 P	04	26.00	-9.2X	
		eS	07	09.00		
NOU	15.53	282 iPc	04	38.20	1.5	
DZM	15.61	283 iPc	04	40.20	2.3	
PVC	16.04	300 iPc	04	44.70	1.7	
KOU	18.03	285 iPd	05	08.30	1.3	
BRS	26.84	261 P	06	32.70	-0.4	
		e	07	07.00	167kmX	
CAN	30.28	245 eP	07	07.80	4.0X	
WAM	30.49	243 eP	07	05.20	-0.4	
RMQ	30.50	262 eP	07	05.00	-0.8	
YOU	30.67	247 eP	07	06.50	-0.7	
CTA	34.16	273 iPd	07	36.50	-1.1	
	1.1s	45.57nm			5.1mb	
		i	08	17.10	194kmX	
PMG	37.81	290 eP	08	06.50	-1.9	
ASPA	44.25	262 iPc	08	59.10	-2.0	
WRA	44.88	268 Pd	09	00.40	-5.7X	
	0.9s	36.50nm			5.0mb	
DRV	48.08	201 eP	09	29.20	-1.4	
KNA	51.28	271 eP	09	54.00	-1.7	
SBA	52.02	184 iPc	10	03.00	2.6	
	1.0s	16.00nm			4.7mb	
		i	10	05.10	7kmX	
MUN	57.65	247 eP	10	38.00	-3.6X	
MRWA	58.48	251 eP	10	44.00	-3.5X	
	0.4s	8.00nm			5.0mb	
SPA	63.70	180 eP	11	23.50	1.2	
	1.0s	16.00nm			4.9mb	
		e	12	00.00	153km	
LEM	73.82	270 ePc	12	24.50	-0.7	
SNA	83.44	178 eP	13	17.00	0.9	
	1.0s	60.00nm			5.4mb	
NJ2	84.30	310 Pc	13	20.60	-0.4	
MDJ	85.84	325 eP	13	29.50	1.1	
BMN	86.73	41 eP	13	34.40	1.3	
		e	14	11.00	144km	
CN2	87.49	322 Pc	13	36.30	-0.1	
TIA	87.88	312 eP	13	37.70	-0.8	
NNT	89.52	284 eP	13	47.40	0.7	
ALQ	90.50	51 eP	13	52.00	0.9	
	1.0s	6.50nm			4.7mb	
		epP	14	28.00	140km	
BJI	90.67	315 eP	13	51.00	-0.5	
TIY	91.83	312 P	13	58.00	1.0	
XAN	92.36	307 eP	13	59.60	0.1	
KMI	92.75	297 eP	14	02.50	0.8	
CHG	93.00	289 eP	14	04.00	1.3	
CD2	94.65	302 eP	14	11.20	1.1	
BUL	127.38	211 iPKPd	19	54.10	0.0	
	1.0s	8.00nm				
MTD	128.77	216 ePKP	19	59.30	2.5X	
KRI	129.74	214 ePKP	19	59.00	0.3	
KJF	138.98	344 ePKP	20	05.00	-9.5X	
SUF	140.60	343 ePKP	20	11.00	-6.5X	
NUR	142.84	342 ePKP	20	21.00	-0.4	
NB2	144.96	353 PKP	20	23.40	-1.7	
	1.0s	56.80nm				
UPP	145.09	347 iPKP	20	24.00	-1.3	
HFS	145.52	350 ePKP	20	25.20	-0.8	
	0.2s	8.20nm				
ELO	149.63	7 ePKPc	20	37.20	4.5X	
EBH	149.87	7 iPKPc	20	38.40	5.3X	
EDI	150.23	7 ePKPc	20	38.70	5.1X	
KRA	153.02	335 iPKPd	20	45.70	7.8X	
		e	20	57.20		
BNG	153.47	217 iPKPd	20	39.60	0.0	
	0.8s	14.00nm				
		i	20	47.10		
KSP	153.57	341 iPKPc	20	47.00	8.4X	
		e	21	00.50		
CLL	154.01	345 ePKP	20	39.00	-0.2	
		i	20	47.40		
		i	21	01.10		
BRG	154.19	344 ePKP	20	38.50	-1.0	
	1.0s	21.00nm				
		i	20	47.70		
		i	21	02.20		
		i	21	27.50		
WTS	154.32	354 ePKP	20	49.00	9.5X	
	0.7s	8.00nm				
MOX	154.93	347 ePKP	20	49.00	8.5X	
		e	21	05.00		
KHC	155.88	343 ePKP	20	42.50	0.6	
		e	20	52.50		
		i	21	10.00		
		e	21	49.00		
LJU	158.35	338 e(PKP)	20	45.00	0.0	
VOY	158.58	339 ePKP	20	44.00	-1.3	
		e	21	20.00		
	S.D. = 1.2	on 43 of 60 obs.				

? SEP 20, 1985 19h 16m 23.03± 1.45s
4.428 S ±18.3km 101.741 E ±21.6km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
SOUTHERN SUMATERA (274)

PPI	4.17	341 ePc	17	30.70	4.8X	
		eS	18	25.00		
LEM	6.31	112 ePc	17	58.00	1.5	
KGM	6.59	14 ePc	18	00.50	0.3	
IPM	8.98	355 ePd	18	32.00	-1.4	
CHG	23.26	353 eP	21	29.00	0.3	
WRA	35.29	119 P	23	15.00	-2.2	
	0.3s	0.70nm			4.1mb	
PKI	35.50	335 eP	23	19.40	0.1	
	0.5s	4.00nm			4.6mb	
DMN	35.67	334 eP	23	21.50	0.9	
KKN	35.75	335 eP	23	21.70	0.5	
	0.5s	14.00nm			5.1mb	
	S.D. = 1.5	on 8 of 9 obs.				

SEP 20, 1985 19h 22m 11.42± 0.94s
17.757 N ±13.0km 101.601 W ± 6.6km
DEPTH = 33.0km (normal)
4.2mb (6 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.12	73 eP	22	45.00	-0.5	
III	2.12	73 eP	22	45.50	0.0	
OXM	2.37	50 iP	22	51.50	2.3	
TPM	2.70	63 eP	22	54.00	0.3	

UNM	2.78	55 eF	23 01.50	6.7X		
		i	23 37.50			
TAC	2.81	54 eP	23 03.00	7.7X		
IIC	2.99	48 eP	22 57.20	-0.7		
		iS	23 46.50			
IIC	2.99	48 eP	23 04.50	6.6X		
		e	30 57.50			
PUE	3.48	68 iP	23 12.70	7.9X		
PIO	3.59	112 eP	23 07.00	0.9		
VHO	4.68	96 eP	23 22.50	0.8		
PBJ	6.07	102 eP	23 40.00	-1.3		
LTX	11.68	351 eP	25 03.00	4.1X		
	1.2s	11.59nm	4.9mb X			
JCT	12.77	7 eP	25 22.20	8.7X		
	1.5s	27.78nm	5.1mb X			
ALQ	17.65	347 eP	26 18.00	1.3		
	1.0s	5.00nm	3.6mb			
VVO	18.27	15 e(P)	26 23.50	-0.6		
TUL	18.80	15 ePd	26 28.70	-1.9		
	0.9s	18.00nm	4.3mb			
RLO	19.24	16 e(P)	26 32.70	-3.1X		
GLA	19.33	325 eP	26 42.00	5.1X		
PLM	20.71	321 eP	26 53.00	1.2		
RVR	21.47	322 eP	27 02.00	2.8		
SDW	21.73	324 P	27 02.00	0.0		
MWC	22.03	321 eP	27 04.00	-1.1		
GSC	22.09	325 eP	27 06.00	0.4		
GOL	22.11	352 eP	27 07.10	1.2		
	1.0s	6.50nm	4.0mb			
GLD	22.14	353 eP	27 08.10	2.0		
	1.1s	28.93nm	4.6mb			
SBB	22.22	322 eP	27 10.00	3.2X		
CLC	22.91	325 eP	27 14.00	0.5		
VPEM	23.13	325 P	27 16.40	0.6		
ISA	23.29	323 eP	27 17.00	-0.2		
DUG	24.37	339 P	27 26.00	-1.8		
FRI	24.93	324 eP	27 33.40	0.4		
EUR	24.99	333 iP	27 34.20	0.3		
	0.8s	6.05nm	4.2mb			
MNA	25.17	328 eP	27 35.50	0.0		
BDW	25.84	346 iP	27 41.00	-0.9		
	1.2s	11.59nm	4.4mb			
BMN	26.31	332 eP	27 45.50	-0.6		
IMW	27.23	345 P	27 54.10	-0.5		
LRM	29.41	344 ePc	28 13.40	-0.8		
EDM	36.56	348 eP	29 15.50	-0.4		
INK	54.40	346 eP	31 35.00	-2.2		
COL	56.25	338 eP	31 49.00	-1.7		
S.D. = 1.2 on 32 of 41 obs.						
• SEP 20, 1985 19h 22m 19.05± 0.91s						
18.150 N ±15.8km 66.911 W ± 8.2km						
DEPTH = 33.0km (normal)						
PUERTO RICO REGION (90)						
Felt at Ponce, Quebradillos,						
Ensenada, Maricao and Lares.						
MGP	0.22	230 P	22 26.00	0.2		
MCP	0.33	325 P	22 27.00	-0.2		
SJG	0.72	93 iPd	22 32.00	-0.9		
LPR	1.00	81 P	22 37.00	0.1		
CSJ	1.25	79 P	22 41.00	0.7		
ABV	2.51	76 P	23 03.00	4.6X		
S.D. = 0.8 on 5 of 6 obs.						
SEP 20, 1985 19h 29m 57.16± 0.45s						
18.064 N ± 7.6km 102.685 W ± 5.0km						
DEPTH = 33.0km (normal)						
4.9mb (31 obs.) 4.1Msz (3 obs.)						
MICHOACAN, MEXICO (57)						
III	3.07	84 eP	30 44.50	-0.2		
III	3.07	84 eP	30 46.00	1.3		
OXM	3.09	66 iP	30 45.50	0.3		
UNM	3.55	69 iP	30 59.00	7.4X		
		i	31 38.00			
TPM	3.56	75 iP	30 52.00	0.4		
IIC	3.66	62 eP	30 55.00	1.8		
		iS	31 42.00			
PIO	4.66	110 eP	31 06.00	-1.1		
		i	31 57.00			
VHO	5.74	97 iP	31 22.50	0.0		
PBJ	7.14	102 iP	31 42.00	0.0		
LTX	11.26	356 eP	32 40.30	1.4		
	1.2s	50.72nm	5.6mb X			
JCT	12.64	11 eP	32 59.00	1.6		
	1.2s	109.38nm	5.8mb X			

ALQ	17.14	349 eP	33 55.00	-1.0		
	1.0s	10.00nm	3.9mb			
GLA	18.49	326 iP	34 20.00	7.4X		
GLA	18.49	326 eP	34 13.00	0.4		
PLM	19.84	323 eP	34 28.00	-0.4		
RVR	20.60	323 eP	34 36.00	-0.1		
MWC	21.16	323 eP	34 42.00	0.0		
PAS	21.17	322 eP	34 43.00	1.1		
GSC	21.26	327 eP	34 43.00	0.0		
SBB	21.36	324 eP	34 44.00	0.1		
NOP	21.58	329 P	34 56.40	10.3X		
GOL	21.69	354 eP	34 47.80	0.4		
	1.0s	15.00nm	4.4mb			
GLD	21.72	355 eP	34 48.00	0.3		
	1.1s	34.72nm	4.7mb			
CLC	22.07	326 eP	34 52.00	1.0		
VPEM	22.29	326 P	34 53.80	0.5		
ISA	22.43	325 eP	34 57.00	2.4		
SYP	22.51	320 eP	34 55.00	-0.5		
FVM	22.56	26 iP	34 55.00	-0.8		
	1.0s	40.00nm	4.8mb			
PRI	24.02	322 eP	35 11.00	0.9		
FRI	24.08	325 eP	35 10.50	-0.1		
UPA	24.23	109 (P)	35 11.00	-1.2		
Z	18s	0.55um	4.1Msz			
		e	48 19.00			
EUR	24.26	334 iP	35 13.50	0.9		
	0.2s	19.54nm	5.3mb			
MNA	24.38	329 ePc	35 15.10	1.4		
LLA	24.51	323 eP	35 15.00	0.2		
JAS1	25.15	325 eP	35 20.50	-0.4		
BDW	25.32	348 eP	35 21.10	-1.6		
	1.0s	10.00nm	4.4mb			
ARN	25.36	323 e(P)	35 21.00	-1.9		
GCC	25.41	322 eP	35 24.50	1.2		
MHC	25.41	323 eP	35 23.60	0.1		
BMN	25.57	334 iP	35 25.00	0.0		
RSSD	26.00	358 eP	35 28.30	-0.7		
	1.1s	4.65nm	4.0mb			
ORV	26.92	327 ePc	35 37.50	0.3		
LRM	28.85	346 ePc	35 54.10	-0.8		
RSON	33.50	10 eP	36 32.80	-2.7		
	1.0s	21.00nm	5.0mb			
EDM	36.06	349 eP	36 55.50	-2.0		
FFC	36.60	1 eP	37 00.00	-1.9		
	1.1s	32.00nm	5.1mb			
YKA	45.16	352 eP	38 12.00	-0.3		
SCH	45.79	28 eP	38 16.00	-1.4		
ZOBO	48.19	133 eP	38 43.00	5.6X		
Z	19s	0.22um	4.2Msz			
		LR	47 12.00			
LPB	48.39	133 (P)	38 48.00	9.3X		
Z	19s	0.17um	4.1Msz			
		eLR	47 30.00			
STJ	50.11	42 eP	38 49.00	-2.1		
CCH	50.33	132 (P)	39 01.00	7.5X		
TPZ	53.43	136 eP	39 17.00	0.2		
INK	53.86	346 eP	39 17.00	-1.9		
COL	55.59	339 eP	39 30.00	-1.6		
	1.0s	15.50nm	5.0mb			
SOB1	66.74	109 eP	40 47.00	-0.8		
		e	40 54.20			
ITR	68.79	107 e(P)	40 56.00	-4.7X		
		e	41 07.20			
DAG	71.15	14 iPd	41 12.30	-1.7		
	0.4s	5.08nm	4.9mb			
EAB	79.73	34 eP	42 03.10	0.0		
	1.0s	20.00nm	5.1mb			
ELO	79.98	34 ePc	42 04.80	0.3		
EBH	80.15	34 ePc	42 05.90	0.5		
	1.0s	22.00nm	5.1mb			
EDI	80.42	34 ePc	42 07.00	0.2		
EBL	80.55	34 ePc	42 08.10	0.6		
	1.2s	64.00nm	5.5mb			
EKA	80.62	35 Pd	42 08.50	0.6		
	1.0s	18.10nm	5.0mb			
GRR	84.27	41 eP	42 27.10	0.2		
	1.0s	15.30nm	5.1mb			
LPF	84.29	41 eP	42 27.10	0.1		
	1.0s	11.50nm	5.0mb			
FLN	84.38	41 eP	42 27.60	0.2		
	1.0s	20.80nm	5.3mb			
LDF	84.66	41 eP	42 29.00	0.2		
	1.0s	8.00nm	4.9mb			
TOL	85.02	50 eP	42 32.00	1.1		
NB2	85.32	27 P	42 32.70	0.7		
	1.1s	8.30nm	4.9mb			

MFF	85.37	42 eP	42 32.40	0.0		
	1.0s	11.50nm	5.0mb			
MAL	85.78	53 iPd	42 36.50	1.8		
LFF	86.55	44 eP	42 38.50	0.2		
	0.8s	5.10nm	4.8mb			
LSF	86.57	42 eP	42 38.30	-0.1		
	0.8s	2.40nm	4.5mb			
RJF	86.93	43 eP	42 40.20	0.0		
	1.0s	12.00nm	5.1mb			
LPO	86.95	44 eP	42 40.60	0.3		
TCF	86.99	42 eP	42 40.50	0.0		
	0.7s	2.00nm	4.5mb			
EPF	87.00	46 eP	42 41.90	1.3		
	0.9s	4.90nm	4.7mb			
MZF	87.26	42 eP	42 41.70	-0.1		
	1.0s	4.60nm	4.7mb			
BGF	87.29	42 eP	42 42.00	0.1		
SSF	87.50	41 eP	42 42.80	-0.1		
	1.0s	4.00nm	4.6mb			
LOR	87.64	41 eP	42 43.60	0.0		
	0.8s	2.60nm	4.6mb			
LBF	87.83	41 eP	42 44.10	-0.4		
	0.8s	2.50nm	4.6mb			
LPG	90.21	42 eP	42 55.30	-0.8		
	1.1s	4.80nm	4.7mb			
ZST	95.00	36 eP	43 18.90	1.1		
SRO	95.89	36 eP	43 22.20	0.4		
HYB	144.72	358 ePKP	49 30.60	-2.5		
		e	49 37.50			
SNG	145.97	315 ePKP	49 36.00	0.8		
IPM	147.55	312 ePKPd	49 38.70	0.9		
GBA	148.53	360 PKPc	49 38.50	-0.8		
GBA	148.53	360 PKP	49 41.80	2.5		
PSI	150.35	312 ePKPd	49 46.80	4.6X		
S.D. = 1.1 on 84 of 92 obs.						
• SEP 20, 1985 20h 03m 39.40± 1.24s						
17.824 N ±14.2km 101.765 W ± 9.0km						
DEPTH = 33.0km (normal)						
3.8mb (3 obs.)						
NEAR COAST OF GUERRERO, MEXICO (58)						
III	2.25	76 iP	04 15.50	0.2		
		iS	04 42.00			
OXM	2.45	53 iP	04 17.50	-0.8		
TPM	2.81	65 iP	04 22.00	-1.2		
UNM	2.87	58 iP	04 25.30	1.2		
TAC	2.90	57 iP	04 28.00	3.4X		
		iS	05 06.00			
IIC	3.06	50 eP	04 26.00	-0.9		
		iSg	05 12.00			
PIO	3.76	112 iP	04 36.00	-0.4		
		iS	05 23.00			
VHO	4.84	96 iP	04 53.00	1.0		
PBJ	6.23	102 iP	05 12.00	0.4		
LTX	11.59	352 P	06 28.60	2.9		
JCT	12.73	8 eP	06 41.80	1.0		
	1.2s	27.34nm	5.2mb X			
ALQ	17.56	347 eP	07 41.00	-2.4		
	1.0s	3.75nm	3.5mb			
VVO	18.25	16 e(P)	07 52.00	0.2		
TUL	18.78	15 eP	08 01.90	3.6X		
	1.1s	14.90nm	4.1mb			
GLA	19.18	325 eP	08 08.00	4.8X		
PLM	20.56	322 eP	08 29.00	10.8X		
SDW	21.59	324 P	08 28.20	-0.3		
GSC	21.95	325 eP	08 31.00	-1.1		
ISA	23.14	323 eP	08 45.00	1.2		
MNA	25.03	328 P	09 02.20	0.0		
BDW	25.74	347 P	09 06.80	-2.1		
	1.0s	3.00nm	3.8mb			
BMN	26.18	333 P	09 14.20	1.3		
S.D. = 1.4 on 18 of 22 obs.						
• SEP 20, 1985 22h 46m 04.73± 0.97s						
5.391 S ±10.3km 151.878 E ±10.5km						
DEPTH = 68.4 ± 12.5 km						
4.3mb (3 obs.)						
NEW BRITAIN REGION (192)						
KVG	3.00	339 eP	46 51.00	0.1		
BGA	3.37	103 iPc	46 56.20	0.0		
		eS	47 40.00			
LAT	5.01	255 eP	47 27.00	7.8X		
ALOA	5.10	197 iPd	48 19.40	-61.0X		
PMG	6.15	229 eP	47 35.00	-0.1		
WRA	22.37	228 Pd	50 58.50	0.1		

20d 22h

0.7s 5.60nm 4.1mb
PKI 71.95 301 eP 57 22.80 -0.8
DMN 72.22 301 eP 57 25.00 -0.1
0.8s 15.00nm 5.0mb
GBA 76.24 285 P 57 49.00 0.9
0.9s 2.40nm 4.1mb
S.D. = 0.7 on 7 of 9 obs.

& SEP 21, 1985 00h 30m 55.30s
37.130 N 121.518 W
DEPTH = 7.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.7 (8RK).

ARN 0.22 357 iPd 30 59.80 -0.1
MHC 0.23 335 iPd 31 00.20 0.0
iS 31 04.20
SLD 0.24 103 iPc 31 00.40 0.1
SAO 0.37 171 iPc 31 02.90 0.1
GCC 0.40 256 iPc 31 03.00 -0.3
LLA 0.69 138 ePc 31 08.20 -0.9
iS 31 19.50
PCC 0.78 298 eP 31 09.40 -1.4
iS 31 22.20
BKS 0.94 323 eP 31 13.20 -0.3
eS 31 26.50
BRK 0.95 322 iPd 31 13.20 -0.4
JAS1 1.18 47 iP 31 16.70 -0.9
iS 31 30.60
FRI 1.45 95 iPd 31 20.90 -1.1
11 obs. associated

SEP 21, 1985 01h 33m 11.42± 0.64s
5.362 S ± 8.8km 153.498 E ± 6.2km
DEPTH = 67.3 ± 8.1 km
4.7mb (5 obs.)
NEW IRELAND REGION (190)

RAB 1.76 311 eP 33 41.50 1.2
BGA 1.85 115 iPc 33 40.00 -1.6
eS 34 07.00
KVG 3.87 316 eP 34 10.00 0.3
LAT 6.59 258 eP 34 47.00 -0.8
VSG 7.28 122 eP 34 58.00 0.6
SVO 7.31 121 eP 34 59.00 1.2
PMG 7.47 237 eP 35 00.00 0.0
HNR 7.57 123 eP 35 20.00 18.6X
eS 36 30.00
MDG 7.69 270 eP 35 15.50 12.5X
JAY 13.07 282 ePd 36 15.00 -0.9
CTA 16.25 205 iPc 36 59.70 2.8X
1.1s 18.35nm 4.1mb
i 37 23.30
iS 40 05.60
KOU 18.39 146 iPc 37 34.80 11.4X
DZM 20.81 144 iPd 37 49.00 -0.6
NOU 21.00 145 iPc 37 51.00 -0.4
BRS 21.92 182 eP 38 02.00 1.3
MTN 23.29 250 eP 38 10.00 -4.1X
WRA 23.61 230 Pd 38 17.80 0.5
0.5s 10.00nm 4.5mb
ASPA 26.22 224 eP 38 42.00 0.0
KNA 26.38 245 eP 38 40.00 -3.4X
MNG 40.27 154 P 40 42.80 -0.7
MAT 44.07 342 (P) 41 28.00 13.4X
PKI 73.32 301 ePc 44 37.90 -0.6
KKN 73.48 301 iPc 44 39.00 -0.3
0.5s 13.00nm 5.1mb
DMN 73.58 301 iPc 44 39.80 -0.1
0.5s 19.00nm 5.3mb
SPA 84.67 180 eP 45 40.00 1.0
0.6s 3.25nm 4.6mb
S.D. = 0.9 on 18 of 25 obs.

SEP 21, 1985 01h 37m 13.47± 0.72s
17.802 N ± 2.9km 101.647 W ± 2.9km
DEPTH = 30.8 ± 4.9 km
6.3mb (82 obs.) 7.6Msz (13 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)
Ms 7.5 (PAL), 7.2 (BRK).
Additional casualties and damage (VI) in the Mexico City area.
Felt in many parts of central Mexico. Local tsunami recorded at Acapulco with maximum amplitude (peak-to-trough) of 1.4 meters. Water well fluctuations recorded at Santo Fe, New Mexico.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=120 Dip=77 Slip= 90
NP2: 300 13 90
Principal Axes:
T Plg=58 Azm= 30
P 32 210
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 27 No. of sta: 7
Moment Tensor; Scale 10**27 d-cm
Mrr= 0.19 Mtt=-1.18
Mff= 0.99 Mrt= 1.49
Mrf=-1.54 Mtf= 0.06
Principal axes:
T Val= 2.42 Plg=41 Azm= 69
N -0.01 27 313
P -2.40 37 201
Best Double Couple:Mo=2.4*10**27
NP1:Strike=229 Dip=27 Slip= 6
NP2: 134 88 117
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 21C M.W.: 18S, 43C
Centroid Location:
Origin Time 01:37:32.2 0.2
Lat 17.57N 0.01 Lon 101.42W 0.02
Dep 20.8 0.8 Half-duration 22.8
Moment Tensor; Scale 10**27 D-CM
Mrr= 1.47 0.02 Mtt=-1.05 0.01
Mff=-0.42 0.02 Mrt= 1.77 0.10
Mrf=-1.08 0.09 Mtf= 0.45 0.01
Principal Axes:
T Val= 2.58 Plg=62 Azm= 33
N -0.19 1 300
P -2.40 28 209
Best Double Couple:Mo=2.5*10**27
NP1:Strike=296 Dip=17 Slip= 85
NP2: 121 73 91

ZHGX 0.26 138 (P) 37 19.60 -0.9
S 37 24.00
III 2.15 74 iP 37 49.50 1.4
iS 38 24.00
OXM 2.38 51 iP 37 55.00 3.5X
TPM 2.72 64 eP 37 58.00 1.8
IIM 2.79 57 P 37 59.50 2.3
UNM 2.79 57 iP 38 00.00 2.8X
TAC 2.82 55 iP 38 00.00 2.3
MNZ 2.84 296 iP 38 00.00 2.4X
IIC 2.99 49 iP 38 02.50 2.3
GUM 3.27 331 iP 38 03.00 -1.0
LCG 3.33 359 iP 37 51.00 -13.8X
PUE 3.50 69 iP 38 10.40 3.0X
PIO 3.65 112 iP 38 08.20 -0.9
VHO 4.72 96 iP 38 25.00 0.4
VCM 5.41 74 iP 38 38.00 3.9X
iS 39 57.00
PBJ 6.12 102 iP 38 44.00 -0.2
MAZ 6.97 321 iP 38 35.00 -21.1X
KIK 10.27 105 P 39 55.00 12.7X
TP2 10.63 105 P 39 58.80 11.5X
VLG 10.82 108 P 40 02.50 13.0X
ITG 10.85 106 P 40 01.30 11.1X
BVA 11.02 105 P 40 06.30 13.8X
MMG 11.02 106 P 40 03.00 10.5X
TER 11.10 107 P 40 04.00 10.7X
PSG 11.12 109 P 40 06.00 12.4X
GCG 11.14 105 P 40 10.00 16.0X
REC 11.20 106 P 40 05.80 11.0X
JMG 11.46 106 P 40 10.00 11.6X
LTX 11.63 351 eP 40 00.80 0.4
MER 11.78 73 iP 39 50.00 -12.4X
MRL 11.79 102 P 40 11.00 8.2X
YUP 11.94 106 P 40 30.00 25.2X
QZG 12.19 103 P 40 27.60 19.4X
SSS 12.66 107 eP 40 17.00 2.6X
eS 42 53.20
JCT 12.73 7 eP 40 16.00 0.8
ATX 12.92 15 P 40 21.20 3.5X
HKT 13.21 23 P 40 20.80 -0.6
RIN 17.25 112 eP 41 17.30 3.3X

JUD 17.36 114 eP 41 20.00 4.7X
ALO 17.60 347 iPc+ 41 19.50 1.2
VVO 18.24 16 ePc 41 24.70 -1.3
PTCR 18.51 113 eP 41 31.30 1.6
POA 18.53 112 eP 41 32.10 2.1
HDC2 18.67 112 P 41 33.60 2.1
TUL 18.77 15 iPc+ 41 31.00 -1.5
1.1s 1227.60nm 6.0mb
Z 18s 69.60um 4.8Msz
eS 45 16.00
IRZ2 18.90 112 P 41 37.00 2.4
CDM 19.20 113 eP 41 39.00 0.8
RLO 19.21 16 iPc 41 35.20 -2.6
GLA 19.26 325 iP+ 41 38.00 -0.5
GCM 19.27 82 eP 41 38.70 0.1
eS 45 34.50
PBX 19.45 318 iPc 41 39.07 -1.5
S 42 03.08
ENX 19.52 319 iPc 41 40.99 -0.3
S 42 01.16
OLY 19.81 25 P 41 42.50 -2.0
BAR 20.07 320 iP+ 41 47.00 -0.2
PLM 20.65 321 eP 41 54.00 0.5
e 42 05.00
PWLA 20.95 33 P 41 54.50 -1.8
RVR 21.40 322 eP 42 01.00 0.1
MWC 21.97 321 iP+ 42 07.00 0.2
PAS 21.99 321 iP+ 42 07.00 0.3
iPcP 46 25.00
ePcS 50 01.00
GSC 22.03 325 iP 42 08.00 0.7
GOL 22.06 352 P 42 07.80 0.1
GLD 22.09 353 P 42 07.00 -0.9
Z 18s 2483.90um 7.7Msz
SBB 22.16 323 iP+ 42 08.00 -0.5
FVM 22.38 24 iP 42 08.80 -1.8
MSU 22.59 338 P 42 13.60 0.6
RSCP 22.75 36 iP 42 12.30 -2.0
0.6s 542.90nm 6.2mb
CLC 22.85 325 iP+ 42 16.00 0.7
VPEM 23.06 325 P 42 18.40 0.9
UPA 23.21 109 eP+ 42 20.00 1.1
S 45 13.00
ISA 23.22 323 iP+ 42 20.00 1.0
WKTM 23.30 324 P 42 21.00 1.3
SYP 23.35 319 eP 42 21.00 0.7
CWC 23.57 325 eP 42 25.00 2.6X
STH 23.62 85 iP 42 36.45 13.5X
PRM 23.67 43 iP 42 21.00 -2.2
HOJ 23.69 86 iP 42 36.58 13.1X
DAU 24.01 342 P 42 27.20 0.3
COW 24.37 46 P 42 30.00 0.0
PRI 24.84 321 ePc 42 35.30 0.6
FRI 24.87 324 eP 42 34.40 -0.4
i 51 32.50
EUR 24.93 333 iP 42 36.10 0.5
MNA 25.11 328 iPc 42 36.90 -0.4
LLA 25.32 322 eP 42 39.00 -0.1
PRS 25.39 321 eP 42 40.00 0.3
SAO 25.72 321 eP 42 45.00 2.2
BDW 25.79 347 iP 42 42.70 -1.0
JAS1 25.93 324 ePc 42 44.50 -0.3
e 51 30.00
ARN 26.17 322 iP 42 47.20 0.2
MHC 26.22 322 eP 42 47.90 0.2
GCC 26.23 321 eP 42 47.50 0.0
BMN 26.25 332 iP 42 48.00 0.1
RSSD 26.31 356 iP 42 47.80 -0.7
1.0s 310.00nm 5.9mb
GAL 26.48 102 iP 43 03.50 13.5X
WCN 26.59 327 P 42 52.00 1.0
PCC 26.77 321 eP 42 50.20 -2.3
BLA 26.87 40 eP+ 42 52.70 -0.8
BKS 26.93 322 eP 42 55.20 1.2
N 20s 444.00um
E 20s 556.00um
iS 47 40.00
eLR 49 00.00
HPI 27.58 342 P 42 59.90 -0.3
ORV 27.69 326 ePc 43 01.30 0.5
MIN 28.31 327 eP 43 06.60 0.0
CCMT 28.62 343 iPc 43 10.30 0.8
WDC 28.97 326 eP 43 10.30 -2.1
PSO 29.04 122 eP 43 14.00 0.2
LCCM 29.22 345 iPc 43 14.80 0.0
LRM 29.35 344 iPc 43 15.80 -0.3
SXM 29.36 346 iPc 43 16.00 -0.1

BUT	29.56	344	iPc	43	17.60	-0.2	INK	54.35	346	iPc	46	38.10	-1.0				ePPP	53	16.00				
BMG	29.82	107	eP	43	20.00	-0.4		0.8s	613.00nm			6.7mb					S	58	48.00				
BMG	29.82	107	iP	43	24.00	3.6X	KDC	54.62	329	eP	46	40.80	-0.4				e	02	32.00				
FHC	29.91	325	P	43	24.90	4.0X	PME	54.89	335	eP	46	42.80	-0.5				SS	03	12.00				
HRY	30.03	346	iPc	43	21.30	-0.7		1.6s	564.50nm			6.3mb		VAL	77.04	39	iP	49	06.80	1.7			
DLA	30.24	30	P	43	20.85	-2.9	Z	20s	270.00um			7.3Msz					S	59	10.00				
LGN	30.41	100	eP	43	23.50	-2.0	PMR	54.92	334	P	46	43.00	-0.4	ECB	79.02	38	eP	49	17.30	1.3			
ELF	30.62	30	P	43	24.70	-2.3	SLA	55.03	139	eP	46	42.00	-2.9	ETA	79.27	38	eP	49	20.60	3.2X			
UAV	31.03	103	eP	43	33.00	1.9				S	54	25.00			1.3s	1050.00nm			6.7mb				
SDV	31.41	102	eP	43	34.60	0.1				SS	58	20.00		ECP	79.31	39	eP	49	18.90	1.3			
LHC	32.16	16	iPc	43	48.40	7.9X	FSA	55.70	141	ePc	46	49.20	-0.3		1.0s	890.00nm			6.7mb				
	1.0s	752.00nm				6.6mb	RUV	55.74	237	iP	46	49.90	-0.1	EAB	79.39	34	iPc	49	18.10	0.2			
CLX	32.26	343	iPc	43	40.70	-1.0		1.3s	220.00nm			6.0mb			1.0s	350.00nm			6.3mb				
LHD	32.43	343	eP	43	44.00	1.0	TPT	55.82	237	iP	46	50.30	-0.2	ELO	79.64	34	ePc	49	19.70	0.4			
LDM	32.54	343	iPc	43	43.80	-0.1		1.3s	150.00nm			5.9mb			2.0s	2282.00nm			6.8mb				
RXF	32.86	344	iPc	43	46.70	0.0	VAH	55.97	237	iP	46	51.40	-0.2	EBH	79.81	34	iPc	49	20.60	0.4			
NEW	32.90	341	eP	43	45.00	-2.0		1.3s	210.00nm			6.0mb			1.8s	1926.00nm			6.8mb				
YKM	33.02	343	iPc	43	47.90	-0.3	PMO	56.05	237	iP	46	52.10	-0.1	EAU	79.96	35	iPc	49	21.50	0.5			
PAL	33.20	40	P	43	47.50	-2.1		1.3s	130.00nm			5.8mb			1.5s	1167.00nm			6.7mb				
LON	33.32	334	P	43	50.00	-0.7	COL	56.19	338	iP	46	51.70	-0.9	EDU	79.99	34	iPc	49	21.70	0.5			
SES	33.38	349	ePc	43	50.30	-0.9		1.0s	643.00nm			6.6mb			1.7s	1919.00nm			6.8mb				
RSON	33.58	9	eP	43	49.30	-3.6X	FBA	56.19	338	eP	46	51.40	-1.2	EDI	80.08	34	iPc	49	22.10	0.5			
	1.1s	255.81nm				6.1mb	VCA	56.44	144	ePc	46	56.00	1.0		1.1s	552.00nm			6.5mb				
SJG	33.74	84	iPc	43	53.30	-1.3	SVW	57.47	332	P	47	03.60	1.8	EBL	80.20	35	ePc	49	22.80	0.5			
GMW	34.36	334	P	43	58.70	-1.0	CYA	57.59	142	e(P)	47	01.00	-2.0		1.4s	762.00nm			6.5mb				
CAR	34.39	97	eP	44	00.50	0.1	RTCB	58.27	147	e(P)	47	07.50	-0.3	ESK	80.25	35	eP	49	20.00	-2.6			
PNT	34.63	339	iPc	44	02.00	0.0	RTLL	58.32	147	ePd	47	08.60	0.5	Z	20s	320.00um			7.7Msz				
	1.0s	1014.00nm				6.7mb	JACH	58.33	149	ePd	47	07.20	-1.0	EKA	80.27	35	P	49	23.00	0.3			
CTR	34.64	36	P	44	00.00	-2.1	ROCH	58.37	150	eP	47	08.00	-0.6		1.1s	74.50nm			5.6mb				
PTN	34.81	34	P	44	04.00	0.5	ZON	58.38	147	eP	47	07.00	-1.5	ESY	80.39	34	iPc	49	24.10	0.8			
OTT	34.98	33	eP	44	02.50	-2.4	TTA	58.39	334	eP	47	06.70	-1.5		1.5s	956.00nm			6.6mb				
	0.6s	140.00nm				6.1mb	CFA	58.66	147	iP-	47	09.80	-0.6	PTO	80.74	50	iP	49	26.00	0.5			
RSNY	35.04	35	eP	44	03.30	-2.2				e	47	15.20					iS	59	47.00				
	1.0s	290.00nm				6.2mb				S	55	15.20		MBO	80.77	78	iPc	49	28.30	2.3			
MCW	35.28	336	P	44	07.40	-0.2	PEL	58.66	150	iPc	47	10.00	-0.4	LIS	80.98	52	eP	49	27.50	0.7			
PGC	35.51	335	ePd	44	09.50	0.1	TVO	58.68	235	iP	47	11.90	1.1	PET	81.66	323	P	49	31.00	1.0			
	1.3s	241.00nm				6.0mb		1.3s	330.00nm			6.3mb		GRR	83.82	41	eP	49	42.10	0.8			
MNT	36.15	34	iP	44	11.00	-3.8X	PPN	58.68	236	iP	47	10.20	-0.5	LPF	83.83	42	eP	49	41.90	0.6			
	0.9s	189.00nm				6.0mb		1.3s	230.00nm			6.1mb		AVE	83.85	57	iP	49	42.50	0.7			
EDM	36.51	348	iPc	44	16.50	-1.4	PPT	58.81	236	iP	47	12.90	1.2				i	51	23.50				
FFC	36.85	360	iPc	44	18.90	-1.7		1.3s	145.00nm			5.9mb		FLN	83.93	41	eP	49	42.70	0.9			
	1.0s	172.00nm				5.9mb	PAE	58.87	236	iP	47	13.40	1.4		1:0s	500.00nm			6.6mb				
CUM	37.01	96	eP	44	24.00	1.5		1.3s	185.00nm			6.0mb		SKR	83.93	321	P	49	42.00	0.2			
BPA	37.92	85	eP	44	27.00	-3.1X	IMA	58.90	338	eP	47	10.20	-1.7	RBA	84.10	56	eP	49	50.00	7.0X			
BBL	38.50	87	eP	44	33.00	-2.0		1.6s	935.50nm			6.7mb		LDF	84.21	41	eP	49	44.20	1.0			
MGG	38.59	87	eP	44	32.00	-3.7X	BACH	58.93	150	ePd	47	12.50	0.2	TOL	84.43	50	iP+	49	44.70	0.1			
PHC	38.74	334	ePd	44	38.70	2.2	SAN	58.93	150	eP	47	13.50	1.3				i	49	53.00				
	1.2s	1053.00nm				6.5mb	AFR	58.96	236	iP	47	13.80	1.2				i	49	59.00				
GUV	38.80	100	iPc	44	37.20	-0.3		1.3s	185.00nm			6.0mb					iPP	52	15.00				
FDF	38.94	88	ePc	44	28.00	-10.7X	TACH	58.96	150	eP	47	11.50	-0.9				iS	00	23.00				
			S	51	04.50		LNV	58.99	151	iPd	47	12.00	-0.6				iPS	01	12.00				
GRW	38.98	93	eP	44	40.75	1.7	FCH	59.00	149	eP	47	12.50	-0.6				iSS	06	30.00				
SVB	39.13	91	eP	44	38.77	-1.5	PCH	59.14	150	eP	47	13.00	-0.8				iSSS	09	20.00				
SLB	39.22	90	eP	44	40.76	-0.3	MBC	59.19	355	eP	47	12.00	-1.5	TIK	84.48	346	P	49	44.00	-0.2			
TRN	39.59	95	ePc	44	42.40	-1.6	GDH	59.30	18	iPd	47	15.00	0.7	MFF	84.89	43	eP	49	47.20	0.5			
	1.5s	105.20nm				5.4mb	CHCH	59.32	150	eP	47	19.50	4.5X		1.6s	728.80nm			6.6mb				
HNME	39.68	37	eP	44	43.00	-1.4	RFA	61.06	149	ePd	47	25.20	-1.7	NB2	85.11	27	P	49	47.40	-0.2			
TBH	39.95	95	eP	44	44.13	-2.9X	TBI	62.08	230	eP	47	33.00	-0.9	MAL	85.15	53	iPc	49	49.50	1.3			
PLY	40.04	94	eP	44	45.00	-2.8X	BAO	62.44	119	iPc	47	35.30	-1.3		1.0s	3.50nm			4.5mb X				
ARE	45.18	137	eP	45	30.00	0.0				i	47	43.20					i	49	55.50				
YKC	45.52	352	ePc	45	30.00	-1.7				i	47	52.90					iS	00	25.00				
	0.4s	48.00nm				5.8mb	SOB1	65.72	109	eP	47	56.70	-1.2				iSS	05	38.00				
SCH	45.55	28	ePc	45	30.10	-2.0				i	48	03.30		KEV	85.54	16	iP	49	52.20	2.7X			
	1.0s	607.00nm				6.5mb				i	48	08.20			1.0s	340.00nm			6.5mb				
YKA	45.56	352	eP	45	31.80	-0.2	LPA	66.87	142	iP+	48	04.00	-0.8				i	50	03.50				
SIT	46.55	335	P	45	45.70	5.8X	Z	20s	209.22um			7.3Msz					e	00	36.00				
ZOBO	47.29	134	iPd	45	45.40	-1.6				iS	56	56.80		IFR	85.61	56	iPc	49	51.50	0.7			
LPB	47.49	134	ePc+	45	47.00	-1.4	ADK	66.99	319	eP	48	04.10	-1.3				i	49	58.00				
			i	45	55.40		VAO	67.08	125	eP	48	03.80	-2.7				i	50	05.50				
			S	52	38.00					e	48	12.30					i	50	16.00				
CCH	49.43	133	Pc	46	01.10	-2.1	ITR	67.77	108	iPc	48	09.90	-1.1	CRT	85.62	52	iPc	49	53.50	2.9X			
STJ	49.64	42	eP	46	02.50	-1.6				i	48	16.30		ATE	85.74	46	P	49	52.60	1.6			
	1.0s	1349.00nm				6.9mb	ILT	68.77	337	P	48	16.50	0.2	DBN	86.04	36	iP+	49	52.00	-0.3			
BCPM	50.17	336	eP	46	08.30	0.2	BMA	69.13	124	eP	48	25.70	6.4X	Z	20s	170.00um			7.4Msz				
FRB	51.16	18	eP	46	18.00	2.5X				i	48	36.90					iPP	53	15.00				
	0.8s	95.00nm				5.8mb	REY	69.67	27	eP	48	22.20	0.4				iPPP	55	16.00				
			pP	46	32.00	52kmX				i	48	24.10					iS	00	27.00				
ANT	51.30	142	eP	46	16.00	-1.0	DAG	71.16	14	iPd	48	29.50	-1.3				iSPP	01	52.00				
RKT	52.10	220	iP	46	23.30	0.2		0.7s	36.99nm			5.6mb					iSS	06	04.00				
	1.2s	185.00nm				5.9mb				i	48	40.00					iSSS	09	38.00				
TPZ	52.55	136	Pc	46	26.30	-0.7				i	54	06.00		LFF	86.06	44	eP	49	53.00	0.5			
OPA	52.95	284	P	46	32.00	2.4	AKU	71.28	26	iP	48	33.00	1.4		1.4s	476.50nm			6.5mb				
HON	52.99	284	P	46	34.00	4.1X		1.3s	1538.46nm			6.9mb		UCC	86.09	38	P+	49	53.00	0.4			
Z	20s	57.50um				6.6MszX	SMY	72.59	321	eP	48	38.00	-1.6				PP	53	19.00				
YJA	53.19	137	eP	46	30.00	-1.8	Z	20s	105.00um			7.1MszX					SKS	00	09.00				
HJA	54.00	138	e(P)	46	41.00	3.9X	AFI	76.00	250	P	49	04.00	4.0X				e	00	33.00				
TOA	54.01	336	P	46	37.60	0.7				ePP	52	00.00		LSF	86.10	43	eP	49	52.90	0.2			

21d 01h

		0.7s	111.90nm			6.2mb			1.5s	400.00nm			6.5mb		SAL	92.06	41	eP	50	26.00	5.1X
	SNF	86.16	36	P	50	02.10	9.2X					i	50	07.50		KHC	92.15	36	iPc	50	21.20	-0.2
	VUN	86.23	250	eP	49	58.00	4.2X					i	50	10.50			2.0s	263.00nm				6.3mb
	SVA	86.27	250	ePc	50	06.00	12.1X					iPP	53	31.00					e	54	06.60	
	MUD	86.28	31	iPd	50	00.00	6.6X					iSKS	00	37.00					e	54	21.00	
		1.0s	56.00nm			5.7mb						iS	00	46.00					SKS	01	00.00	
	RJF	86.44	44	eP	49	54.30	-0.1		TNS	88.70	37	eP	50	06.30	1.0		PRU	92.25	35	eP	50	22.50	0.8
		1.4s	544.60nm			6.6mb						ePP	53	40.00				2.5s	937.50nm			6.8mb	
	LPO	86.45	44	eP	49	54.70	0.2					eS	00	57.00					e	50	26.50	
		1.4s	408.40nm			6.5mb						eSS	07	30.00					i	50	37.20	
	EPF	86.47	46	eP	49	54.90	0.2					eSSS	11	15.00					PP	54	08.00	
		1.2s	576.50nm			6.7mb			APA	88.74	16	P	50	10.00	4.9X				eSKS	00	34.00	
	DOU	86.51	38	P+	49	54.00	-0.7		BSF	88.77	40	eP	50	04.30	-1.5		CVF	92.40	44	eP	50	21.60	-1.0
				e	49	58.80				1.4s	129.00nm			6.1mb				1.4s	126.90nm			6.2mb	
				SKS	01	06.00			CDF	88.81	39	eP	50	04.80	-1.1		CTI	92.54	40	eP	50	19.00	-4.3X
				e	18	00.50				1.2s	77.30nm			5.9mb			KSP	92.75	34	eP	50	24.00	0.0
	TCF	86.52	42	eP	49	54.50	-0.4		BUH	89.26	39	eP	50	08.80	0.8			2.5s	1003.00nm			6.8mb	
		0.9s	222.60nm			6.4mb			KJF	89.50	20	eP+	50	08.00	-0.7		NRI	92.76	357	P	50	25.00	1.3
	WIT	86.57	35	eP	49	59.00	4.1X			1.0s	184.00nm			6.3mb			KMR	93.02	37	IP+	50	25.30	0.0
				e	50	05.50						e	50	21.00			KBA	93.05	38	ePc	50	25.00	-0.7
	ALM	86.59	52	iP	49	59.70	4.4X					e	01	18.00				3.0s	1718.00nm			7.0mb	
		0.8s	1.30nm			4.2mb X			LPG	89.74	42	eP	50	10.30	-0.3					i	50	32.00	
	HFS	86.62	27	eP	49	54.20	-0.8		SLE	89.83	39	eP+	50	11.30	0.6					i	50	41.30	
		0.6s	5.30nm			4.9mb X			CDR	89.87	44	eP	50	10.50	-0.4					i(PP)	54	12.80	
	AAS	86.68	161	eP	50	00.00	4.9X					e	50	11.70						i	54	32.30	
	Z	23s	310.00um			7.6MszX						i	51	57.30			PUL	93.46	22	P	50	26.00	-1.1
				e	50	13.00						ePP	53	35.00			YSS	93.47	322	P	50	28.00	0.7
				PP	53	41.00						e	54	29.90			RBL	93.51	39	eP	50	26.50	-1.2
				e	55	18.00			ZUL	89.89	40	eP+	50	11.50	0.5		GNZ	93.65	231	P	50	36.00	7.8X
				eS	00	41.00			DIX	89.91	41	eP+	50	12.50	1.1					PP	54	25.00	
				e	06	38.00			SUF	89.96	21	iP	50	10.10	-0.8		TRI	94.00	39	iPc	50	29.00	-0.8
				e	10	01.00			MMK	90.27	41	eP+	50	14.00	1.0					ipP	50	43.70	50kmX
	GRC	86.69	41	iPc	49	55.20	-0.4		BRN	90.29	34	eP	50	13.00	0.4					IPP	54	17.80	
				i	49	57.80						ic	50	18.00						i	55	33.90	
				iPKKP	07	57.20						ePP	53	45.00						iSKS	00	52.00	
	MZF	86.79	42	eP	49	55.50	-0.6		MOX	90.30	36	eP	50	13.50	0.8					eSKKS	01	10.00	
		1.6s	728.80nm			6.7mb				2.5s	1081.00nm			6.7mb			VKA	94.15	36	ePc	50	31.00	0.5
	BGF	86.82	42	eP	49	55.70	-0.6			Z 20s	333.30um			7.8Msz				Z 21s	196.60um			7.5Msz	
	CAF	86.94	44	eP	49	56.40	-0.5			N 20s	200.00um									ic	50	35.80	
		1.4s	231.40nm			6.2mb				E 20s	256.60um									IPP	54	22.30	
	WTS	87.00	36	eP	49	57.50	0.5					IPP	53	50.00						iS	01	31.00	
		1.0s	164.00nm			6.2mb						i	00	06.00			LJU	94.29	39	eP	50	30.00	-1.2
				e	50	01.50						iS	01	00.00						i	50	43.00	
				e	50	04.00						iSS	07	45.00			CEY	94.38	39	eP	50	32.60	0.9
	MLS	87.01	46	eP	49	57.70	0.4					e(PKKP	07	56.00			WAR	94.39	31	eP-	50	35.00	3.5X
	ENN	87.01	37	iPd	49	58.80	1.7					iS$S	11	00.00				Z 40s	1000.00um			8.0MszX	
		0.8s	214.00nm			6.4mb						iS$SS	14	30.00						e	54	30.00	
				e	50	01.50						eP'P'	15	56.00						eS	00	04.00	
				e	50	04.00			LRG	90.36	44	eP	50	12.70	-0.4		SOP	94.60	37	e(P)	50	33.00	0.4
	SOD	87.03	18	iP	49	55.70	-1.2			1.2s	101.10nm			6.0mb			KIC	94.61	82	eP	50	32.70	-0.5
				i	50	04.50			FRF	90.50	44	eP	50	13.10	-0.7		ZST	94.63	36	iP	50	33.70	1.0
	SSF	87.05	41	eP	49	56.80	-0.6			1.3s	97.30nm			5.9mb				Z 22s	484.10um			7.9MszX	
		1.0s	250.00nm			6.4mb			LMR	90.51	44	eP	50	13.00	-0.8					i	50	41.20	
	NDF	87.05	250	ePc	50	03.00	5.2X			1.2s	109.40nm			6.0mb						i(PP)	54	27.50	
	AVF	87.06	42	eP	49	56.70	-0.7		GRF	90.54	37	eP	50	15.00	1.1		KRA	95.13	33	eP	50	35.20	0.3
		0.9s	81.90nm			6.0mb				Z 21s	264.00um			7.6Msz				0.9s	63.00nm			6.0mb	
	MEM	87.13	37	Pc	49	58.30	0.7					ePP	53	54.00				Z 18s	151.70um			7.5Msz	
				e	50	02.00			LLS	90.54	40	eP+	50	15.20	1.0					i	50	40.20	
				e	50	14.90			HOF	90.61	36	eP	50	15.20	1.0					i	50	48.80	
	LOR	87.19	41	eP	49	57.60	-0.5		ABA	90.72	51	iP	50	20.00	5.0X					e	50	53.70	
		1.0s	312.50nm			6.5mb			CLL	90.74	35	ePc	50	15.00	0.3					i	54	32.00	
	JCK	87.19	37	ePc	50	02.50	4.6X			3.1s	1400.00nm			6.8mb X						iS	01	22.00	
	GSH	87.29	37	ePc	50	03.00	4.6X					eSKS	01	00.00			KRP	95.26	232	P	50	27.00	-8.7X
	TAF	87.31	54	iP	49	56.00	-3.0X					eS	01	33.00			ZAG	95.27	38	P	50	36.80	1.1
				i	50	00.00						PKKP	07	41.00						ePF	54	37.00	
				i	50	21.00						P'P'	15	54.00						iSKS	01	25.00	
	EBR	87.37	48	eP	49	59.50	0.5		TMA	90.81	41	eP+	50	14.80	-0.6		SRO	95.52	36	iP	50	38.00	1.2
				e	00	04.00			VAI	90.85	41	iPd	50	17.00	1.7			Z 21s	394.50um			7.9MszX	
				eS	00	43.50			NUR	90.86	24	iP+	50	17.50	2.4					i	50	51.70	
	LBF	87.37	41	eP	49	58.20	-0.8			1.0s	166.00nm			6.3mb						i(PP)	54	29.60	
		1.0s	187.50nm			6.3mb				Z 18s	417.80um			7.9Msz						e	01	35.00	
	SMF	87.42	42	eP	49	58.40	-0.8					i	50	27.00			SPC	95.79	34	eP	50	40.50	2.2
		1.2s	125.50nm			6.1mb						e	00	55.00			BUD	96.10	36	e(P)	50	40.00	0.5
	ALI	87.55	51	iP+	50	01.00	1.1					LR	33	10.00			MNG	96.15	229	eP	50	45.50	5.8X
	WLF	87.61	38	P	49	59.50	-0.4		KUR	91.18	319	P	50	17.00	0.2					PP	54	22.00	
				e	50	06.00			CKI	91.19	42	iPd	50	18.00	1.1		PSZ	96.34	35	eP	50	42.00	1.3
				e	00	18.00			FUR	91.30	38	eP	50	18.60	1.2			1.6s	45.50nm			5.7mb	
	BNS	87.65	37	ePc	50	01.50	1.4			Z 18s	255.00um			7.7Msz			SAP	96.35	319	eP	50	42.00	1.4
		3.5s	4480.00nm			7.2mb X			OSS	91.32	40	ePd	50	18.30	0.5					eS	01	49.00	
	HAM	88.04	34	iPc	50	03.90	2.0		BRG	91.47	35	iP	50	19.00	0.9		MNK	96.40	27	P	50	40.00	-0.7
	COP	88.26	31	ePc	50	04.00	1.0			2.0s	90.00nm			5.8mb			WEL	96.86	229	P	50	48.00	5.2X
		0.7s	49.32nm			6.0mb						i	50	31.80						PP	54	45.20	
				iS	00	50.00						i	53	54.50						SKS	00	43.00	
	SSB	88.42	43	iPc	50	04.00	0.0		WET	91.75	37	eP	50	19.70	0.2		UZH	97.21	34	P	50	46.00	1.6
	HAU	88.42	40	eP	50	03.00	-1.0					eS	01	02.00			LVV	97.38	32	P	50	48.00	2.8X
		1.3s	108.30nm			6.6mb			OGA	91.77	39	eP	50	21.00	1.1		DZM	98.22	250	iPd	50	52.90	3.4X
	UPP	88.44	26	iP	50	05.40	1.7		CIZ	91.78	224	eP	50	31.00	11.5X		NOU	98.28	249	iPc	50	56.50	6.9X

BMR 98.43 34 ePd 51 02.00 12.0X
BEO 98.44 38 iP 50 51.80 1.7
TTG 99.09 40 eP 50 57.00 4.0X
ePP 54 57.00
eSKS 01 29.00
CLO 99.64 36 ePd 50 55.50 0.0
KOU 99.76 252 iPc 51 06.00 9.7X
COZ 100.35 35 ePdiff51 00.00 1.1
TSK 100.71 314 ePdiff51 04.80 4.3X
HNR 100.77 263 ePdiff51 08.00 6.8X
eS 01 42.00
OHR 100.79 40 ePdiff50 56.00 -4.8X
e 51 07.50
i 54 28.60
MLR 101.12 35 ePdiff51 03.00 0.8
VRI 101.29 34 ePdiff51 12.00 9.2X
VTS 101.36 38 ePdiff51 06.00 2.8X
VAY 101.75 40 iPdiff51 02.00 -3.0X
MAT 101.84 315 Pdiff 51 00.00 -5.5X
BUC 101.89 35 ePdiff51 08.00 2.5X
PVL 102.17 37 iPdiff51 11.00 4.2X
MMB 102.29 39 ePdiff51 22.00 14.6X
MDJ 102.32 325 Pdiffc51 08.00 0.6
THE 102.40 40 ePdiff51 09.20 1.4
e 51 12.80
e 52 08.80
CFR 102.50 34 ePdiff51 08.00 -0.2
PLD 102.55 38 ePdiff51 12.00 3.5X
DIM 103.10 38 ePdiff51 12.00 1.1
KDZ 103.21 38 ePdiff51 21.00 9.5X
JMB 103.40 37 ePdiff51 15.00 2.7X
PSN 103.51 35 ePdiff51 24.00 11.3X
DMK 104.49 37 ePdiff51 18.00 0.9
CN2 105.07 327 Pdiffc51 20.00 0.3
PP 55 32.00
SIM 105.71 31 Pdiff 51 28.00 5.5X
ISK 105.72 37 iPdiff51 24.20 1.6
IRK 106.66 344 Pdiff 51 28.00 1.4
RAB 106.67 271 ePdiff51 36.00 8.5X
SHK 106.69 316 ePdiff51 30.80 3.7X
GUA 107.33 291 e(Pdif51 33.00 2.6X
e(S) 02 10.40
GUMO 107.35 291 e(Pdif51 33.40 3.0X
SNY 107.43 326 Pdiff 51 32.00 1.8
PP 56 00.00
SPA 107.69 180 e(Pdif51 39.00 8.0X
BCK 109.00 39 ePdiff51 55.00 17.6X
DL2 110.56 325 ePdiff51 48.00 3.8X
BJI 112.52 329 Pdiff 52 01.50 8.6X
Z 20s 165.80um 7.6Msz
N 20s 181.20um
PP 56 41.00
ePPP 59 05.00
eSKKS 03 45.00
ePS 06 12.00
eSS 12 07.00
PMG 112.91 267 e(PKP)55 55.00 5.0X
HHC 114.00 333 Pdiff 52 07.00 7.4X
PP 56 44.00
BHL 114.43 38 Pdiff 52 09.00 7.3X
PP 56 49.00
HLW 114.44 44 iPdiff52 04.00 2.3
BTO 114.86 334 Pdiff 52 09.00 5.5X
PP 56 51.00
TIA 114.96 326 Pdiff 52 06.50 2.6X
PP 56 55.50
GRS 115.63 27 Pdiff 52 16.00 9.0X
JER 115.64 40 ePdiff52 08.00 0.9
CTA 116.14 256 iPKP 56 05.20 9.1X
iPP 56 54.00
i(PPP)59 00.00
iSKS 02 45.00
i 04 59.00
iPS 06 50.00
CTA 116.14 256 iPdiff52 22.00 12.5X
1.8s 54 55nm
TIY 116.15 330 PKP 55 57.00 1.3
PP 57 04.50
SSE 116.31 319 ePdiff52 14.00 4.1X
Z 16s 40.50um 7.1MszX
N 16s 62.20um
E 18s 87.60um
PP 59 36.00
SKS 02 58.00
S 04 48.00
PS 06 48.00
MSL 116.66 31 ePdiff52 21.50 10.0X

e 55 42.00
iPP 57 07.00
iPPP 58 58.00
ePS 06 01.50
BNG 117.03 75 iPKPc 56 00.60 2.6X
1.6s 247.00nm
i 57 15.90
i 57 35.00
NJ2 117.05 322 Pdiff 52 14.00 0.8
NJ2 117.05 322 PKPc 55 45.00 -12.4X
PP 57 00.00
JAY 117.06 276 ePKPc 55 52.00 -6.1X
TAU 117.22 230 ePdiff52 28.00 14.3X
e 04 16.00
e 05 16.00
e 07 05.00
RTB 117.74 36 ePdiff52 25.00 8.6X
i 57 16.00
WMQ 118.09 352 Pdiff 52 20.00 2.3X
WMQ 118.09 352 PKP 56 06.00 6.8X
PP 57 17.00
ASW 119.17 48 iPdiff52 20.00 5.1X
FRU 119.57 3 Pdiff 52 27.00 2.7X
GTA 119.65 341 iPdiff52 27.00 2.1
PP 57 30.00
BHD 119.74 33 ePdiff52 34.00 8.8X
i 57 24.00
i 58 52.00
iSKKS 03 56.00
PRZ 120.02 360 Pdiff 52 32.00 5.5X
ANP 120.07 314 ePdiff52 32.00 5.0X
eS 05 36.00
TAS 120.58 8 Pdiff 52 36.00 7.2X
WHN 120.75 324 Pdiff 52 35.00 5.3X
WHN 120.75 324 ePKP 56 14.00 9.5X
PP 57 34.00
XAN 120.79 331 ePdiff52 27.00 -2.9X
XAN 120.79 331 PKP 56 03.40 -1.2
TEH 120.94 25 e(PKP)56 23.00 18.0X
LZH 121.22 336 ePdiff52 37.00 5.0X
LZH 121.22 336 ePKP 56 06.00 0.5
N 21s 48.10um
E 22s 51.70um
ePP 57 31.00
ePP 59 50.00
eS 04 43.00
PS 07 40.00
PPS 09 09.00
SS 14 16.00
QZH 122.19 316 Pdiff 52 38.50 2.2
WIN 122.65 106 ePKP 56 13.00 4.4X
1.0s 44.00nm
KSH 123.00 2 Pdiff 52 48.00 8.2X
PP 57 52.00
SYO 123.43 164 ePKP 56 10.30 1.8
ADE 124.08 240 ePKP 56 11.80 0.9
0.7s 28.77nm
KHI 125.04 20 e(PKP)56 09.00 -4.0X
CD2 125.76 333 Pdiff 52 58.00 5.8X
CD2 125.76 333 PKP 56 19.20 4.9X
BAG 126.28 307 ePKP 56 15.00 -0.9
SUR 126.48 117 ePKP 56 09.70 -6.2X
1.5s 333.33nm
GZH 126.89 319 Pdiff 53 05.00 7.7X
GZH 126.89 319 PKP 56 22.00 5.4X
PP 58 08.00
HKC 126.92 317 e(Pdif53 05.00 7.5X
HKC 126.92 317 iPKP 56 25.00 8.3X
iPP 58 12.00
WRA 127.18 258 ePKP 56 02.20 -15.1X
i 56 24.10
ePKKP 09 09.30
WRA 127.18 258 PKPd 56 15.80 -1.5
1.2s 10.00nm
DAV 127.22 294 ePdiff53 06.00 7.0X
DAV 127.22 294 ePKP 56 20.00 2.5
ASPA 127.99 254 ePKP 56 12.00 -6.8X
e 58 15.00
e 09 29.00
GYA 128.12 327 Pdiff 53 10.00 7.1X
MTN 128.99 268 ePKP 56 17.00 -3.8X
LWI 129.01 78 iPdiff53 12.00 4.7X
LWI 129.01 78 iPKP- 56 30.00 8.8X
MAW 129.24 172 ePKP 56 20.00 0.3
QUE 131.04 13 e(Pdif53 22.00 6.1X
KMI 131.17 330 PKPc+ 56 25.00 0.0
E 18s 113.80um

PP 58 29.00
PKS 59 59.00
PPP 01 15.00
e 05 19.00
S 15 39.00
QIZ 132.07 318 Pdiff 53 32.50 12.0X
QIZ 132.07 318 iPKP 56 35.00 8.4X
AAE 132.68 59 ePdiff53 29.00 5.3X
AAE 132.68 59 PKP 56 10.00 -18.3X
BUL 133.04 101 ePKP 56 29.70 1.1
N 19s 83.33um
E 19s 67.36um
iSKP 00 08.30
SLR 133.06 109 ePKP 56 24.20 -4.3X
1.9s 447.37nm
KRI 133.56 97 ePKP 56 29.50 -0.1
epPKP 56 43.00
NDI 133.78 1 ePKP 56 12.00 -17.6X
ePP 59 03.00
iPKS 00 12.00
iPPP 02 00.00
iSKKS 06 12.00
i 06 30.00
iPS 09 26.00
iPPS 10 38.00
iSS 16 58.00
iSSP 17 58.00
EVA 133.78 110 ePKP 56 33.00 3.1X
1.0s 60.00nm
KKN 134.18 351 PKP 56 27.90 -2.8
0.9s 15.00nm
PKI 134.38 351 PKP 56 25.80 -5.4X
1.0s 10.00nm
DMN 134.39 352 PKP 56 26.20 -4.9X
0.9s 14.00nm
ARO 134.41 53 ePKP 56 25.00 -6.2X
MTD 135.42 96 ePKP 56 29.80 -3.3X
ePP 59 25.80
NAI 136.02 73 iPKPd 56 39.00 4.5X
1.2s 78.13nm
iS 56 48.00
JOZ 136.43 111 e(PKP)56 38.60 4.0X
0.7s 60.27nm
AGT 136.70 343 ePKP 56 42.00 6.8X
TET 137.22 95 ePKP 56 43.00 6.6X
e 59 33.00
ePP 01 41.00
eSKP 02 42.00
MKS 137.92 282 e(PKP)56 46.50 8.7X
BOK 137.99 350 ePKP 56 48.00 10.3X
CHG 138.36 330 iPKPd 56 33.20 -5.3X
1.2s 15.63nm
eS 59 24.00
BDT 139.68 329 ePKP 56 35.00 -5.8X
1.0s 117.30nm
NST 140.41 326 ePKP 56 41.10 -1.1
PCT 140.52 323 ePKP 56 41.00 -1.4
MBL 140.83 258 ePKP 56 41.00 -1.9
e 56 50.00
MEK 141.90 249 ePKP 56 41.00 -3.7X
e 56 52.00
RKG 141.91 237 ePKP 56 51.00 6.5X
0.6s 29.00nm
KHT 141.96 327 ePKP 56 40.40 -4.6X
NWAO 142.01 239 ePKP 56 44.00 -0.7
1.0s 140.00nm
NPA 142.45 92 iPKP 56 53.00 7.1X
e 00 37.00
MUN 143.08 240 ePKP 56 46.00 -0.5
Z 20s 86.00um 7.5Msz
N 20s 40.00um
E 20s 29.00um
BOM 143.13 9 iPKP 56 48.00 1.1
ePP 00 01.00
NNT 143.16 324 ePKP 56 43.00 -4.1X
POO 143.62 7 iPKP 56 45.80 -2.1
MRWA 143.81 245 ePKP 56 51.00 3.1X
VIS 144.37 352 iPKP 56 45.00 -4.1X
ePP 00 00.40
NAU 144.87 256 ePKP 56 46.00 -3.8X
e 56 56.00
HYB 145.00 360 iPKPc 56 48.00 -2.2
1.0s 1008.00nm
TRT 145.15 282 iPKPd 56 48.50 -2.0
GOA 146.62 8 ePKP 56 52.00 -0.9
SNG 146.84 317 iPKPd 56 55.00 1.7
2.5s 6666.67nm

21d 01h

			iS	02	38.50	
IPM	148.45	313	ePKPc	56	57.00	1.1
	1.2s		74.00nm			
			e	57	49.10	
			e	58	48.60	
KGM	148.49	306	ePKPc	57	01.70	5.7X
			e	57	14.30	
GBA	148.78	2	PKP	56	55.60	-0.7
TSI	150.92	315	ePKPd	57	11.00	11.3X
BSI	151.44	323	ePKP	57	12.00	11.6X
KOD	152.13	2	ePKPc	57	03.00	1.2
			ePP	00	52.00	
			ePPP	04	20.00	
PPI	152.31	306	ePKP	57	06.50	4.8X
	1.0s		71.30nm			
	S.D. = 1.2		on 344 of 522 obs.			

* SEP 21, 1965 02h 52m 59.89± 1.51s
33.376 S ± 8.6km 72.000 W ±14.4km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)
Felt (IV) in the Valparaiso area.

LNV	0.76	140	iPc	53	14.50	0.4
			iS	54	23.80	
ROCH	0.92	64	iPd	53	15.30	-1.4
TACH	0.93	108	iPc	53	16.30	-0.3
SAN	1.12	94	eP	53	20.20	0.8
PEL	1.13	78	iPd	53	19.30	-0.1
CHCH	1.25	117	iPd	53	21.40	0.2
BACH	1.26	89	iP	53	21.40	0.0
PCH	1.27	102	iPc	53	21.70	0.2
			i(S)	53	36.00	
JACH	1.37	60	iPc	53	22.30	-0.7
FCH	1.43	89	iPd	53	24.10	0.0
RFA	3.25	116	ePc	53	51.30	1.5
			S	54	41.80	
RTCB	3.30	56	ePc	53	51.00	0.5
			S	54	35.00	
ZON	3.35	58	eP	53	54.00	2.8X
RTLL	3.62	57	ePd	53	55.90	0.9
			S	54	44.00	
CFA	3.63	62	ePc	53	58.70	3.4X
			S	54	47.20	
VCA	5.65	36	ePc	54	22.00	-2.0
			S	55	28.00	
FSA	8.94	37	e(P)	55	12.00	2.4
ANT	9.74	9	eP	55	34.00	13.3X
SLA	10.32	35	eP	55	29.40	0.5
TPZ	13.11	27	eP	56	16.00	9.3X
CCA	16.78	20	P	56	55.70	1.4
LPB	17.14	13	Pd	57	01.00	2.1
ZOBO	17.39	13	eP	57	01.00	-1.2
	1.0s		10.00nm		3.9mb	
VAO	24.31	71	eP	58	13.50	-2.1
SOB1	37.40	57	eP	00	07.20	-4.5X
ITR	39.47	59	eP	00	26.40	-2.6
GBA	145.95	118	PKP	12	37.20	-0.3
	S.D. = 1.4		on 22 of 27 obs.			

SEP 21, 1965 03h 09m 34.16± 0.53s
11.184 N ± 5.2km 61.612 W ± 6.6km
DEPTH = 33.0km (normal)
WINDWARD ISLANDS (95)
Felt (II) on Trinidad.

TCE	0.50	196	iP	09	45.06	0.2
TRN	0.57	159	iPc	09	45.89	0.1
TTR	0.74	133	iP	09	47.89	-0.2
PLY	0.82	68	iP	09	49.19	0.0
TBH	0.88	142	iP	09	50.06	-0.1
GRW	0.97	357	iP	09	51.90	0.3
CAR	5.27	263	ePn	10	52.50	-0.2
BPA	5.83	358	iP	11	00.50	-0.2
SDV	9.17	256	ePn	11	39.70	-7.8X
	S.D. = 0.3		on 8 of 9 obs.			

% SEP 21, 1985 03h 20m 03.61± 1.42s
45.598 N ± 9.2km 3.644 E ±10.9km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.4 (LDG).

MZF	0.96	310	Pg	20	22.00	0.0
			Sg	20	34.70	
SMF	1.06	7	Pg	20	22.70	-0.8
			Sg	20	36.60	
BGF	1.11	330	Pg	20	24.30	-0.1
			Sg	20	39.40	
AVF	1.21	350	Pg	20	25.70	-0.4
			Sg	20	41.30	
TCF	1.22	305	Pg	20	26.30	0.0
			Sg	20	42.10	
CAF	1.30	240	Pg	20	27.10	-0.6
			Sg	20	43.40	
LBF	1.41	9	Pg	20	29.10	-0.2
			Sg	20	47.20	
SSF	1.47	356	Pg	20	30.50	0.4
			Sg	20	49.10	
RJF	1.53	260	Pg	20	31.60	0.7
			Sg	20	53.00	
LOR	1.68	5	Pg	20	34.20	1.1
			Sg	20	55.80	
LPO	1.97	243	Pg	20	40.20	2.9X
	S.D. = 0.7		on 10 of 11 obs.			

? SEP 21, 1985 03h 24m 37.72± 5.46s
17.984 N ±14.7km 100.621 W ±52.0km
DEPTH = 33.0km (normal)
GUERRERO, MEXICO (59)

III	1.16	70	iP	24	58.00	0.1
			iS	25	25.50	
OXM	1.58	34	iP	25	04.00	0.0
UNM	1.91	45	iP	25	08.70	-0.1
IIC	2.19	36	eP	25	13.00	0.1
PIO	2.86	123	iP	25	22.00	0.0
	S.D. = 0.1		on 5 of 5 obs.			

SEP 21, 1985 03h 39m 59.46± 1.26s
51.273 N ±12.0km 15.691 E ± 6.8km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 4.3 (GRF), 3.8 (VKA).

KSP	0.57	138	iP	40	08.80	-2.3
	0.6s		103.00nm			
			iS	40	17.00	
BRG	1.17	251	iPn	40	22.30	1.0
			iPg	40	23.60	
			iSg	40	43.00	
PRU	1.48	210	iPnd	40	27.50	1.4
			iSg	40	53.00	
CLL	1.69	272	iPn	40	28.90	-0.2
			iPg	40	31.80	
			iSg	40	57.50	
KHC	2.54	213	iPn	40	42.00	0.6
			Pg	40	40.80	
			Sn	41	16.50	
			Sg	41	30.50	
HOF	2.60	250	iPnc	40	42.80	0.5
MOX	2.65	258	ePn	40	44.00	1.0
			ePg	40	51.00	
			iSg	41	30.00	
KRA	2.97	113	eP	40	49.20	1.8
			iS	41	27.70	
VKA	3.04	172	iPnd	40	48.50	0.0
			iPg	40	56.70	
			iSg	41	41.70	
ZST	3.21	163	ePn	41	00.50	9.6X
			e(Pg)	41	14.40	
			e(Sn)	41	42.00	
GRF	3.26	243	iPg	40	52.70	1.0
			eSg	41	51.00	
SPC	3.59	124	eP	41	03.20	6.7X
SOP	3.64	171	ePn	40	56.50	-0.5
SRO	3.86	153	ePn	41	15.30	15.2X
			e	42	07.50	
FUR	4.23	224	eP	41	05.70	0.3
			i	41	12.80	
KBA	4.47	201	iPnc	41	09.30	0.3
			i	41	17.80	
			i	42	20.40	
			iSg	42	30.40	
			I	42	34.80	
TNS	4.72	260	eP	41	11.80	-0.6
			eS	42	36.80	
LJU	5.29	189	eP	41	20.50	0.1
			e	41	38.10	
			e(Sn)	42	38.00	
OGA	5.37	217	ePn	41	22.60	0.9
VOY	5.38	193	e(Pn)	41	42.00	20.2X
			eSn	42	48.00	
BUH	5.47	245	eP	41	23.60	0.6
CEY	5.60	189	e(Pn)	41	48.90	24.0X
			e(Sn)	43	06.40	
CDF	6.15	246	Pn	41	31.80	-0.8
			Sg	43	23.00	
MEM	6.16	268	Pn	41	32.60	0.0
			e	43	23.20	
WLF	6.30	259	eP	41	46.20	11.6X
			e	43	25.00	
BSF	6.74	243	Pn	41	38.80	-2.1
			Sg	43	40.00	
HAU	6.89	245	Pn	41	41.20	-1.8
			Sg	43	46.40	
DOU	7.15	265	Pn	41	47.10	0.6
			e	41	51.80	
			e	41	54.30	
			e	43	51.80	
LPG	8.29	229	Pn	42	03.00	0.2
LOR	8.71	247	Pn	42	06.20	-2.2
NUR	10.52	25	iP	42	57.30	24.1X
SUF	12.79	22	eP	42	53.00	-10.8X
	S.D. = 1.2		on 24 of 32 obs.			

* SEP 21, 1985 04h 40m 53.28± 1.69s
17.362 N ±13.8km 101.612 W ±14.1km
DEPTH = 33.0km (normal)
3.6mb (2 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.28	63	iP	41	29.50	0.0
			iS	42	02.00	
OXM	2.65	43	iP	41	35.00	0.0
OXM	2.65	43	iP	41	35.00	0.0
UNM	3.03	49	eP	41	45.00	4.7X
			i	42	24.00	
TAC	3.07	48	e(P)	41	46.00	5.2X
			iS	42	29.00	
IIC	3.27	43	eP	41	45.00	1.2
IIC	3.27	43	eP	41	45.00	1.2
PIO	3.47	106	iP	41	46.00	-0.3
PIO	3.47	106	iP	41	46.00	-0.3
LTX	12.06	351	eP	44	01.00	15.0X
	0.9s		1.88nm			
ALQ	18.04	347	eP	45	06.00	2.7X
	1.0s		2.50nm		3.3mb	
VVO	18.65	15	eP	45	09.10	-1.5
TUL	19.16	15	eP	45	14.80	-2.2
	0.8s		7.50nm		4.0mb	
RLO	19.62	16	e(P)	45	17.80	-4.2X
INK	54.78	346	eP	50	23.00	1.2
MBC	59.63	355	eP	50	57.00	1.0
	S.D. = 1.3		on 11 of 16 obs.			

SEP 21, 1985 04h 51m 36.58± 1.02s
28.006 N ±10.1km 140.754 E ± 8.7km
DEPTH = 24.3 ± 8.7 km
5.3mb (3 obs.)
BONIN ISLANDS REGION (212)
Felt (I JMA) on Chichi-shimo.

CBI	1.56	125	iP	52	02.80	-0.2
			eS	52	21.00	
MAT	8.78	346	(P)	53	46.00	1.0
TIA	21.59	298	eP	56	26.10	-0.4
XAN	27.86	290	eP	57	25.80	-0.6
CD2	32.25	284	eP	58	05.30	-0.2
GTA	35.63	299	P	58	33.20	-1.4
WMQ	45.01	305	P	59	51.50	-0.5
WRA	48.07	188	Pc	00	16.00	-0.2
	0.8s		27.70nm		5.3mb	
PKI	48.59	283	eP	00	21.10	0.4
	1.0s		22.00nm		5.1mb	
KKN	48.65	284	eP	00	21.90	0.9
	1.0s		32.00nm		5.3mb	
DMN	48.85	283	eP	00	23.60	1.1
COL	57.15	29	eP	01	23.00	-0.4
NEW	77.09	42	eP	03	29.00	-0.5
LRM	81.07	43	eP	03	50.60	-0.8
ZOBO	150.89	72	ePKP	11	25.00	0.9
LPB	151.04	73	ePKP	11	25.00	0.9
CCH	153.09	73	PKP	11	41.00	14.1X
	S.D. = 0.9		on 16 of 17 obs.			

* SEP 21, 1985 05h 20m 53.02± 0.98s
28.359 N ±17.0km 140.824 E ±17.9km
DEPTH = 33.0km (normal)

4.9mb (2 obs.)
BONIN ISLANDS REGION (212)

CBI	1.74	136	eP	21	22.00	0.6
			e'	21	45.00	
MAT	8.45	346	eP	23	02.00	5.9X
	0.2s		41.67nm			6.2mb X
			(S)	24	45.00	
MVI	8.91	256	eP	23	17.00	14.6X
			eS	25	18.00	
SSE	17.27	284	P	24	57.00	3.7X
	7.0s		1.30nm			2.2mb X
N	12s		1.40um			
E	12s		1.20um			
			S	28	17.50	
			sS	28	30.00	
DL2	19.10	308	eP	25	15.00	-0.6
NJ2	19.34	286	Pc	25	18.70	0.2
SNY	19.44	318	eP	25	18.00	-1.5
CN2	19.74	325	eP	25	23.00	0.1
QZH	20.16	265	Pc	25	28.00	0.7
			pP	25	51.00	127kmX
TIA	21.48	297	eP	25	38.90	-1.9
WHN	23.14	282	eP	25	58.00	0.7
			sP	26	38.00	
BJI	23.40	306	eP	26	02.00	2.3
			epP	26	29.00	132kmX
			eS	30	15.00	
			esS	31	04.00	
			eSS	31	34.00	
TIY	25.48	299	eP	26	24.00	4.1X
XAN	27.80	290	P	26	40.60	-0.6
BTO	28.03	304	eP	26	43.60	0.4
			ePP	27	37.00	
GTA	35.51	299	P	27	50.00	1.1
CHG	39.37	265	eP	28	24.50	3.1X
WRA	48.43	188	Pd	29	32.70	-1.5
	0.6s		5.50nm			4.8mb
GBA	60.38	270	Pc	31	04.90	3.2X
	0.3s		4.60nm			5.1mb
LRM	80.77	43	ePc	33	07.10	2.1X
ZOBO	150.72	72	ePKP	40	46.00	7.0X
LPB	150.87	72	ePKP	40	45.00	6.0X
CCH	152.92	72	ePKP	41	02.00	20.2X
S.D. = 1.3			on 13 of 23 obs.			

SEP 21, 1985 05h 21m 25.22± 0.30s
37.428 N ± 3.8km 118.546 W ± 2.4km
DEPTH = 5.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
ML 3.4 (BRK), 3.8 (PAS).

PPK	0.51	90	iPc	21	35.60	0.2
SVP	0.66	64	iPc	21	38.50	0.1
LCH	0.74	105	iPc	21	39.70	-0.4
MGM	0.84	89	iPc	21	41.60	-0.4
FRI	1.03	245	iPc	21	43.80	-1.3
MNA	1.05	17	iPd	21	45.50	-0.1
			iS	21	59.50	
SGV	1.29	110	eP	21	49.70	0.0
JAS1	1.57	289	iPc	21	53.20	-0.6
			iS	22	11.00	
VPEM	1.59	158	eP	21	54.00	-0.2
WKTM	1.63	177	eP	21	55.10	0.3
ISA	1.76	178	iPd	21	57.40	0.7
			eS	22	20.20	
CLC	1.78	154	eP	21	56.80	-0.1
LLA	2.08	248	eP	22	01.20	-0.1
PRI	2.13	234	iPc	22	02.00	-0.1
SLD	2.16	261	eP	22	02.70	0.3
ARN	2.38	269	eP	22	05.70	0.1
SAO	2.41	255	iP	22	06.00	0.0
MHC	2.47	269	iPd	22	08.00	1.1
EUR	2.88	44	iP	22	13.20	0.3
SDW	3.06	157	eP	22	20.00	4.8X
MIN	3.77	322	eP	22	33.50	8.1X
S.D. = 0.5			on 19 of 21 obs.			

& SEP 21, 1985 05h 59m 16.28s
59.788 N 153.335 W
DEPTH = 108.3km
SOUTHERN ALASKA (2)
<AGS-P>.

PDB	0.43	270	iP	59	31.88	-0.9
			iS	59	44.52	
ILM	0.47	33	iP	59	32.45	-0.6
RDT	0.92	30	iP	59	36.30	-0.5
			iS	59	51.79	
NNL	1.06	75	iP	59	38.52	0.3
CNPM	1.10	103	iP	59	37.77	-0.9
			iS	59	54.86	
BRLK	1.24	90	iP	59	39.20	-1.1
SPU	1.54	24	iP	59	43.00	-0.9
CRP	1.59	21	iP	59	44.18	-0.5
CGLM	1.66	23	iP	59	44.77	-0.7
SLKM	1.72	64	eP	59	45.20	-0.9
KDC	2.09	168	iP	59	48.33	-2.5
MPA	2.11	69	iP	59	50.05	-1.0
SUA	2.11	36	eP	59	50.50	-0.8
SKT	2.37	21	eP	59	53.52	-1.0
PMS	2.37	50	iP	59	53.44	-1.1
PTE	2.40	61	eP	59	53.04	-1.9
PWA	2.53	41	eP	59	55.35	-1.2
PLRM	2.75	47	eP	59	57.20	-2.3
PME	2.81	47	eP	59	58.14	-2.2
KNIM	2.86	76	eP	59	58.90	-2.2
MTU	2.87	84	eP	59	59.83	-1.4
			iS	00	32.78	
KNK	2.91	54	iP	59	59.30	-2.4
GHO	2.94	45	eP	59	59.80	-2.4
GLI	3.29	68	eP	00	04.68	-2.2
SCM	3.59	53	eP	00	08.56	-2.4
VLZ	3.72	66	eP	00	10.57	-2.1
KLU	4.03	62	iP	00	14.13	-2.9
TOA	4.20	53	eP	00	17.32	-2.0
28 obs. associated						

SEP 21, 1985 07h 31m 42.19± 0.80s
28.096 N ± 4.5km 140.701 E ± 3.4km
DEPTH = 10.3 ± 4.9 km
5.1mb (20 obs.)
BONIN ISLANDS REGION (212)
Felt (i JMA) on Chichi-shima.

CBI	1.65	127	iP	32	11.10	-0.2
			eS	32	29.00	
TSK	8.11	357	eP	33	41.80	-0.9
MAT	8.68	347	(P)	33	55.00	4.3X
	0.9s		19.33nm			5.4mb
			eS	35	30.00	
SHK	9.39	315	eP	33	56.10	-4.4X
PJG	14.95	164	e(P)	35	19.90	4.7X
GUA	15.01	164	e(P)	35	20.10	4.1X
SSE	17.23	285	eP	35	48.00	3.5X
Z	18s		1.30um			
N	10s		0.70um			
			eS	39	05.00	
			sS	39	15.00	
ANP	17.40	265	eP	35	52.00	5.4X
DL2	19.18	309	P	36	09.00	0.6
NJ2	19.31	287	Pd	36	11.00	0.9
SNY	19.56	319	eP	36	13.40	0.4
			S	39	49.00	
CN2	19.90	326	eP	36	10.50	-6.1X
			eS	39	50.00	
QZH	20.03	266	eP	36	18.00	0.0
			S	40	05.00	
TIA	21.50	298	P	36	33.30	0.1
WHN	23.09	282	eP	36	52.00	3.0X
			sP	37	16.00	
BJI	23.47	307	eP	36	53.50	0.9
N	14s		0.60um			
			eS	41	01.00	
			e	44	02.00	
TIY	25.52	299	eP	37	12.00	-0.4
HHC	27.05	306	Pc	37	26.40	-0.2
XAN	27.79	290	P	37	33.00	-0.3
BTO	28.09	304	P	37	36.50	0.5
			eS	42	23.00	
GYA	30.24	275	eP	37	56.00	0.5
CD2	32.18	284	eP	38	12.60	0.1
			eS	43	25.00	
KMI	33.98	274	eP	38	28.50	0.1
			sP	38	55.00	
GTA	35.54	299	P	38	41.00	-0.5
			eS	44	10.10	
LOE	37.34	262	eP	38	57.80	1.2
PMG	37.80	170	eP	39	00.00	-0.5
CHG	39.25	266	eP	39	13.50	0.8
MTN	41.74	194	eP	39	33.00	-0.1
LSA	43.15	284	eP	39	45.20	0.0
			eS	46	04.50	
SHL	43.41	278	iP	39	47.00	0.0
WMO	44.92	305	P	39	59.00	0.0
PSI	47.16	245	eP	40	18.00	1.2
WRA	48.15	188	Pc	40	24.00	-0.5
	0.7s		92.30nm			6.0mb
CTA	48.20	173	iPc	40	24.20	-0.6
	0.9s		9.66nm			4.9mb
PKI	48.53	283	iP	40	28.70	0.8
	0.8s		51.00nm			5.6mb
KKN	48.59	283	iP	40	28.60	0.4
DMN	48.78	283	iP	40	30.80	1.1
	0.8s		71.00nm			5.8mb
ASPA	51.88	188	iPc	40	52.30	-0.6
TTA	53.25	31	eP	41	03.00	0.1
IMA	54.80	27	eP	41	30.10	15.8X
	0.8s		12.80nm			
NDI	55.23	287	eP	41	17.00	-0.8
	1.0s		50.00nm			5.5mb
			e(S)	49	06.00	
PME	56.35	33	eP	41	24.40	-1.0
	0.8s		5.10nm			4.6mb
BRS	56.37	167	eP	41	24.00	-1.9
COL	57.09	29	eP	41	30.00	-0.7
	1.2s		28.13nm			5.2mb
HYB	57.76	274	eP	41	37.30	1.2
GBA	60.27	270	P	41	53.70	0.3
			e	42	27.00	
			S	42	45.70	
BCPM	61.01	34	eP	41	58.50	0.7
POO	61.48	277	iPc	42	00.20	-1.4
KOD	61.69	267	eP	42	04.00	0.5
INK	62.67	25	eP	42	07.00	-1.9
QUE	63.36	292	eP	42	13.00	-1.2
ALE	69.04	3	eP	42	49.50	0.0
	1.1s		14.00nm			5.1mb
KEV	71.60	340	eP	43	04.00	-1.2
SOD	72.99	338	iP	43	13.00	-0.4
KJF	74.32	335	eP	43	20.00	-1.2
DAG	74.61	355	iPc	43	21.80	-0.9
	0.7s		21.23nm			5.3mb
PNT	75.11	42	eP	43	27.00	0.9
	1.0s		14.00nm			5.0mb
SUF	75.72	334	iP	43	28.10	-1.2
	0.6s		4.70nm			4.7mb
MSZ	76.56	160	eP	43	33.80	-0.3
EDM	76.80	36	ePd	43	36.00	0.4
WDC	77.03	51	eP	43	37.60	0.5
NEW	77.06	42	eP	43	38.00	0.9
NUR	77.58	333	iP	43	39.00	-0.6
	0.8s		23.50nm			5.3mb
MIN	77.78	51	eP	43	41.70	0.3
ORV	78.20	51	eP	43	43.40	-0.1
SES	79.47	38	ePc	43	50.50	0.2
JAS1	79.69	53	eP	43	52.10	0.4
FRI	80.63	53	ePc	43	57.70	1.0
BMN	80.70	49	eP	43	58.00	0.8
MNA	81.03	51	eP	43	59.90	0.9
LRM	81.04	43	iPc	43	59.70	0.7
FFC	81.58	31	eP	44	01.00	-0.3
	1.1s		12.00nm			4.9mb
HFS	81.99	336	eP	44	01.60	-1.7
	0.6s		5.10nm			4.8mb
EUR	82.01	50	iP	44	04.20	0.0
	0.2s		10.61nm			5.6mb
NB2	82.19	338	P	44	02.50	-1.9
	0.9s		8.40nm			4.8mb
CLC	82.69	53	eP	44	08.00	0.5
SBB	83.07	54	eP	44	11.00	1.4
GSC	83.50	53	eP	44	13.00	1.2
BDW	84.41	44	eP	44	17.00	0.6
	1.0s		2.60nm			4.4mb
MLR	85.83	320	eP	44	42.00	18.7X
GLA	86.05	55	eP	44	25.00	0.5
COZ	86.83	321	eP	44	28.00	-0.3
RSSD	86.94	41	eP	44	29.20	0.3
CLO	87.84	321	eP	44	28.00	-4.9X
KHC	89.83	328	P	44	41.00	-1.4
ALQ	90.84	49	eP	44	48.00	0.5
	1.1s		5.38nm			4.8mb
LTX	96.05	52	eP	45	12.10	0.6
	1.0s		2.40nm			4.6mb
ZOBO	150.91	72	PKPc	51	31.70	-0.3
			i	51	39.00	
LPB	151.05	73	PKPc	51	34.20	2.2X
	1.1s		25.32nm			
CCH	153.10	72	(PKP)	51	47.00	12.2X
TPZ	155.15	80	PKPc	51	39.30	1.7X
S.D. = 0.8			on 77 of 91 obs.			

21d 07h

* SEP 21, 1985 07h 52m 26.25± 0.48s
55.322 S ± 3.4km 1.573 W ±11.2km
DEPTH = 10.0km (geophysicist)
4.8mb (5 obs.)
BOUVET ISLAND REGION (412)

SNA	15.05	181	e(P)	56 01.00	0.7
SPA	34.86	180	eP	59 19.10	-0.2
	1.0s	5.00nm			4.3mb
SLR	36.73	49	eP	59 35.00	-0.4
BUL	41.83	45	iPc	00 18.40	0.6
	1.0s	5.50nm			4.2mb
KRI	45.22	44	iPc	00 45.00	-0.4
SBA	46.89	177	e(P)	00 57.10	-0.6
TPZ	57.95	279	P	02 22.30	0.9
BNG	61.83	23	iPd	02 48.20	0.5
	1.0s	8.00nm			4.9mb
			i	03 09.00	
LPB	63.23	280	eP	02 57.00	-0.4
	1.1s	20.25nm			5.2mb
ZOBO	63.45	280	iP	02 58.50	-0.6
	1.3s	15.77nm			5.0mb
	S.D. = 0.7	on	10 of	10 obs.	

? SEP 21, 1985 09h 11m 46.15± 7.48s
17.636 N ±68.0km 101.817 W ±29.8km
DEPTH = 33.0km (normal)
3.5mb (1 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.35	71	iP	12 24.00	0.5
			iS	12 58.00	
OXM	2.61	50	iP	12 26.50	-0.8
UNM	3.02	56	eP	12 37.00	4.0X
			i	13 15.00	
TAC	3.05	54	e(P)	12 40.00	6.5X
IIC	3.22	48	eP	12 36.00	0.1
LTX	11.77	352	eP	14 36.10	1.3
	1.0s	2.00nm			4.2mb X
ALQ	17.73	347	eP	15 51.20	-1.1
	1.2s	4.69nm			3.5mb
	S.D. = 1.4	on	5 of	7 obs.	

SEP 21, 1985 10h 13m 08.37± 0.36s
39.037 N ± 3.2km 22.198 E ± 2.1km
DEPTH = 38.4 ± 3.9 km
4.7mb (47 obs.)
GREECE (364)
ML 4.1 (ATH). Felt in central Greece.

LIT	1.09	12	ePgd	13 28.20	0.9
KZN	1.31	346	iPnd	13 32.00	1.4
			eSb	13 51.50	
PAIG	1.45	52	ePb	13 33.00	0.5
VLS	1.52	236	ePn	13 33.00	-0.6
ATH	1.60	131	ePg	13 35.20	0.6
			eSg	13 55.50	
THE	1.70	20	ePbd	13 33.66	-2.3
			e	14 01.50	
OUR	1.89	46	ePbd	13 39.60	0.8
GRG	1.92	5	ePnd	13 40.20	0.9
SOH	1.99	26	ePnd	13 41.60	1.3
KNT	2.19	14	ePnd	13 44.40	1.3
VAY	2.30	7	iPnd	13 46.00	1.4
			iSn	14 15.60	
OHR	2.33	333	iPnd	13 46.50	1.3
SRS	2.34	27	ePnd	13 46.10	0.9
MMB	2.80	74	iPd	13 53.00	1.1
SKQ	2.99	349	iPnd	13 55.50	1.1
	0.7s	260.00nm			
			iPg	14 02.50	
			iSn	14 30.00	
PRK	3.17	85	ePn	13 57.60	0.6
EZN	3.29	75	iPn	13 58.50	-0.2
LCI	3.52	293	P	14 01.50	-0.5
KDZ	3.54	42	iPd	14 03.00	0.6
PLD	3.61	31	iPd	14 05.00	1.8
VTS	3.64	12	iPd	14 04.00	0.4
ULC	3.69	323	ePn	14 05.00	0.6
			eSn	14 45.00	
PVY	3.93	335	ePn	14 09.50	1.5
			eSn	14 57.50	
DIM	3.96	40	iPd	14 09.00	0.7
IZM	4.01	98	iPn	14 09.40	0.3
TTG	4.06	328	iPnd	14 10.60	1.0
			eSn	14 58.50	
IVA	4.21	336	ePn	14 13.00	1.2
BRT	4.26	297	P	14 13.50	1.1
HCY	4.42	322	ePn	14 14.80	0.1
			eSn	15 08.00	
NKY	4.48	328	ePn	14 16.70	1.0
			eSn	15 09.50	
ORI	4.56	285	P	14 17.00	0.2
EDC	4.56	72	iPn	14 16.80	0.0
NPS	4.65	143	ePn	14 18.20	0.1
PVL	4.68	28	iPd	14 18.00	-0.4
BRY	4.75	326	ePn	14 19.50	0.0
			eSn	15 13.50	
KCT	4.91	74	ePn	14 21.70	0.0
DMK	5.07	55	iPn	14 23.00	-1.0
YER	5.16	110	iPn	14 26.50	1.2
RCI	5.22	262	P	14 26.50	0.5
MSI	5.27	263	P	14 26.50	-0.2
SGO	5.52	288	P	14 31.00	0.8
ISK	5.64	67	ePn	14 31.00	-0.9
BEO	5.92	348	iPn	14 36.20	0.3
			iSg	16 30.60	
HRT	6.01	70	ePn	14 37.00	-0.3
BUC1	6.03	27	eP	14 40.00	2.6X
CLO	6.05	4	iPd	14 37.00	-0.7
GPA	6.38	76	iPn	14 40.70	-1.8
PSN	6.47	42	eP	14 43.00	-0.5
COZ	6.48	14	iPd	14 44.00	0.1
GIB	6.50	263	P	14 42.00	-2.2
ELL	6.51	108	iP	14 48.70	4.3X
BCK	6.79	101	iP	14 49.80	1.6
DEV	6.86	4	ePd	14 51.00	1.9
ISR	6.90	27	eP	14 48.00	-1.7
MLR	7.02	22	iPd	14 51.50	0.0
TLB	7.05	36	ePc	14 51.00	-0.7
AQU	7.46	299	P	14 58.50	1.0
CFR	7.57	34	eP	15 03.00	4.0X
VRI	7.60	25	iPc	15 00.00	0.5
RDP	7.73	294	P	15 00.00	-1.3
MNS	7.97	298	P	15 05.50	1.0
ZAG	8.18	328	ePn	15 05.50	-2.0
			eSn	16 37.00	
BMR	8.68	6	ePc	15 21.00	6.6X
CEY	8.82	322	iP	15 14.30	-2.1
	0.6s	795.00nm			7.0mb X
			i	15 21.80	
			iS	16 52.30	
LJU	9.00	324	eP	15 16.60	-2.2
	9.6s	3920.00nm			
			i	15 20.50	
			eS	16 58.00	
PSZ	9.03	350	iP	15 19.20	-0.1
TRI	9.13	320	ePn	15 17.50	-3.1
			iSn	16 56.20	
SRO	9.21	343	eP	15 21.60	-0.1
			i	15 28.00	
			i	15 39.20	
			i	17 47.00	
			e(S)	18 05.80	
VOY	9.29	321	iPd	15 21.40	-1.5
			iS	17 02.70	
SOP	9.56	336	eP	15 25.00	-1.6
ZST	9.87	340	eP	15 29.20	-1.5
VKA	10.16	337	i(P)	15 34.30	-0.4
			iS	17 30.10	
SPC	10.25	353	eP	15 37.00	0.9
CTI	10.46	315	P	15 37.00	-2.0
CVF	10.70	293	eP	15 42.40	0.2
	0.8s	14.60nm			5.2mb
KMR	10.74	330	eP	15 40.00	-2.7
SAL	10.85	311	P	15 46.00	1.9
BHG	11.01	325	eP	15 44.40	-1.9
KRA	11.13	352	eP	15 48.20	0.2
	Z 15s	3.00um			
	N 15s	2.20um			
			e	15 58.00	
KHC	11.83	331	iPd	15 55.50	-2.0
	1.0s	35.50nm			5.5mb
	Z 10s	1.60um			
	N 10s	1.10um			
	E 10s	1.30um			
			e	17 29.50	
			e	18 05.60	
VAI	12.03	309	P	16 01.50	1.4
FUR	12.07	323	eP	16 02.00	1.4
PRU	12.23	336	P	16 01.00	-1.7
	N 10s	1.30um			
	E 11s	2.20um			
HRI	12.36	114	iP	16 04.00	-0.7
			e(S)	18 20.00	
KSP	12.52	342	eP	16 18.00	11.4X
FRF	12.53	296	eP	16 07.40	0.5
LMR	12.57	295	eP	16 08.30	0.9
	1.0s	8.00nm			4.7mb
LRG	12.71	295	eP	16 10.00	0.8
	0.8s	11.60nm			5.0mb
JER	12.84	120	eP	16 09.50	-1.5
			eS	18 27.50	
LPG	13.13	304	eP	16 15.10	0.1
	0.7s	5.90nm			4.7mb
CDR	13.18	296	ePc	16 19.90	4.4X
			e	18 38.60	
BRG	13.19	337	eP	16 14.00	-1.4
			i	16 25.20	
			i	17 50.00	
GRF	13.22	327	eP	16 15.70	-0.2
	Z 16s	3.00um			
PRNI	13.63	126	iP	16 18.00	-3.4X
			eS	18 45.50	
MOX	13.80	331	eP	16 21.00	-2.6
	Z 11s	2.90um			
	N 12s	2.30um			
	E 11s	1.40um			
			e	16 35.00	
			eS	20 24.00	
CLL	13.86	335	eP	16 23.00	-1.3
			i	16 32.60	
BUH	13.92	318	eP	16 23.80	-1.4
BSF	14.21	313	eP	16 28.10	-1.0
	1.0s	11.10nm			4.4mb
CDF	14.27	316	eP	16 28.80	-1.0
HAU	14.56	313	eP	16 32.40	-1.1
	0.8s	8.00nm			4.2mb
TNS	14.83	323	eP	16 43.80	6.7X
SMF	15.44	305	eP	16 45.20	0.2
	1.0s	14.00nm			4.1mb
LBF	15.49	307	eP	16 45.80	0.1
	1.0s	9.60nm			4.0mb
WLF	15.61	318	P	16 50.00	3.0X
LOR	15.68	308	eP	16 47.70	-0.4
	0.8s	5.30nm			3.8mb
AVF	15.81	305	eP	16 49.60	-0.1
	1.1s	25.40nm			4.3mb
SSF	15.82	307	eP	16 50.60	0.8
	1.0s	14.00nm			4.1mb
BGF	16.04	304	eP	16 52.50	-0.2
	1.0s	32.60nm			4.4mb
CAF	16.07	298	eP	16 53.00	-0.1
	1.0s	8.00nm			3.8mb
MZF	16.10	303	eP	16 54.50	1.1
	1.0s	16.10nm			4.1mb
GRC	16.18	307	ePd	16 53.70	-0.7
			i	16 58.60	
			i	17 05.50	
MEM	16.26	321	P	17 01.20	5.8X
TCF	16.37	303	eP	16 57.50	0.7
	1.0s	9.20nm			3.9mb
ENN	16.40	321	eP	17 01.00	3.8X
	1.0s	32.00nm			4.4mb
			e	17 07.50	
MLS	16.41	291	eP	17 00.20	2.8X
RJF	16.54	299	eP	16 59.00	0.0
	1.0s	16.00nm			4.1mb
DOU	16.68	317	P	17 04.10	3.5X
			S	20 19.70	
EBR	16.74	283	eP	17 15.00	13.5X
LSF	16.80	302	eP	17 02.20	-0.1
	1.2s	12.10nm			3.9mb
WTS	16.81	325	eP	17 03.00	0.7
	1.2s	45.00nm			4.5mb
			e	17 07.00	
			e	17 28.00	
EPF	16.96	291	eP	17 04.20	-0.1
LFF	16.99	297	eP	17 05.40	0.8
UCC	17.21	319	P	17 14.00	6.8X
MFF	18.01	302	eP	17 18.80	1.5
	0.8s	8.00nm			3.9mb
LDF	18.67	308	eP	17 25.60	0.3
	1.0s	32.00nm			4.5mb
FLN	18.95	308	eP	17 28.30	-0.5
	1.0s	41.60nm			4.6mb
LGR	19.01	288	iPc	17 29.00	-0.5
			iPP	17 45.00	
			eS	20 58.00	
LPF	19.04	306	eP	17 30.80	1.0

1.0s 32.30nm 4.5mb
GRR 19.05 307 eP 17 29.30 -0.6
1.0s 53.80nm 4.7mb
TOL 20.26 281 eP 17 43.00 -0.2
i 17 46.50
eS 21 25.00
CRT 20.36 273 eP 17 52.20 7.9X
UPP 21.04 354 iP 17 49.60 -1.4
MAL 21.11 272 iP 17 57.70 5.9X
NUR 21.55 3 iP 17 55.60 -0.5
0.7s 72.10nm 5.2mb
Z 17s 0.50um 4.0MszX
i 17 58.50
eS 21 52.00
LR 27 10.00
HFS 21.79 349 eP 17 57.00 -1.5
0.6s 12.20nm 4.5mb
Z 12s 2.83um 4.9MszX
LR 27 05.00
IFR 22.66 264 iP 18 09.50 1.9
i 18 13.50
NB2 23.06 346 P 18 10.80 -0.3
1.3s 106.50nm 5.2mb
EKA 23.52 322 P 18 16.00 0.5
0.7s 19.50nm 4.7mb
ESK 23.53 322 eP 18 15.00 -0.7
ESY 23.60 324 ePc 18 17.80 1.5
1.1s 45.00nm 4.9mb
SUF 23.83 5 iP 18 19.30 0.8
0.7s 34.90nm 5.0mb
EDI 23.86 323 eP 18 18.70 -0.1
0.7s 51.00nm 5.2mb
EDU 24.14 325 ePc 18 22.20 0.6
1.4s 205.00nm 5.5mb
EBH 24.20 324 ePc 18 23.40 1.3
1.4s 179.00nm 5.4mb
ELO 24.42 324 ePc 18 25.10 0.8
EAB 24.55 323 eP 18 26.90 1.4
KJF 25.41 6 eP 18 34.00 0.4
0.7s 53.40nm 5.2mb
SOD 28.49 4 iP 19 02.10 0.4
KEV 30.89 3 iP 19 22.80 -0.2
0.7s 16.80nm 4.9mb
BNG 34.60 186 iPd 19 55.60 -0.3
0.4s 12.00nm 5.2mb
i 20 06.90
QUE 37.56 90 eP 20 47.00 26.0X
KIC 40.61 224 eP 20 45.80 -0.4
DAG 41.77 347 iPc 20 55.40 0.4
0.6s 7.33nm 4.6mb
WMO 48.20 62 P 21 47.40 0.4
ALE 50.84 350 eP 22 07.50 0.9
0.8s 9.00nm 4.8mb
DMN 52.85 82 eP 22 22.00 -0.8
0.7s 17.00nm 5.1mb
KKN 52.90 82 eP 22 21.40 -1.7
0.7s 14.00nm 5.1mb
PKI 53.10 82 eP 22 23.40 -1.4
KRI 56.00 171 eP 22 46.00 0.4
MTD 56.21 169 iPd 22 53.00 5.9X
GTA 58.26 63 P 23 00.00 -1.5
BUL 59.17 173 iPc 23 11.80 3.9X
0.9s 5.88nm 4.7mb
MBC 62.42 350 eP 23 30.00 0.8
CD2 65.24 69 P 23 48.20 -0.1
HHC 65.47 56 P 23 49.00 -0.8
XAN 67.27 64 eP 24 00.30 -1.0
KMI 67.61 75 eP 24 02.00 -1.8
BJI 68.87 55 eP 24 10.00 -1.1
INK 71.44 351 eP 24 26.00 -0.2
ITR 73.58 244 eP 24 34.80 -4.8X
FFC 75.10 330 eP 24 53.00 5.2X
1.2s 18.00nm 4.9mb
IMA 75.18 358 eP 24 49.50 1.2
SOB1 75.63 245 eP 24 57.10 5.7X
COL 76.10 356 eP 24 55.00 1.7
FBA 76.10 356 eP 24 54.50 1.2
1.0s 11.30nm 4.8mb
TTA 78.37 359 eP 25 07.50 1.5
PME 79.43 356 eP 25 12.70 1.0
1.0s 17.50nm 5.0mb
EDM 80.39 335 ePd 25 17.60 0.5
MAT 84.45 47 eP 25 38.00 -0.3
RLO 85.40 314 eP 25 44.40 1.3
NEW 85.87 334 eP 25 46.00 0.7
TUL 86.01 314 eP 25 47.50 1.4
1.0s 18.90nm 5.3mb
VVO 86.40 314 e(P) 25 53.30 5.3X
BDW 87.56 327 eP 25 57.50 3.6X
0.9s 1.71nm 4.3mb
CTA 128.62 85 iPKPd 32 14.30 1.0
1.1s 13.92nm
SPA 128.85 180 e(PKP)32 16.60 4.1X
S.D. = 1.1 on 160 of 186 obs.

SEP 21, 1985 10h 54m 44.43± 0.24s
46.678 S ± 6.5km 13.423 W ± 4.9km
DEPTH = 10.0km (geophysicist)
5.4mb (28 obs.) 5.5Msz (3 obs.)
SOUTH ATLANTIC RIDGE (410)

SNA 24.32 171 eP 00 04.50 1.8
1.0s 218.00nm 5.7mb
SYO 34.30 149 eP 01 32.90 0.4
WIN 34.42 56 iPc 01 32.00 -2.2
1.3s 48.08nm 5.2mb
BMA 34.43 303 e(P) 01 35.00 0.8
VAO 35.85 300 eP 01 42.70 -3.6X
VBA 36.40 266 ePd 01 49.40 -1.3
BFS 37.26 72 eP 01 56.20 -1.9
1.0s 50.00nm 5.2mb
SLR 39.03 72 eP 02 10.90 -2.1
1.2s 50.00nm 5.1mb
Z 20s 6.74um 5.5Msz
EVA 39.03 74 iPd 02 13.00 -0.1
1.2s 40.63nm 5.0mb
BAO 42.23 306 ePd 02 40.00 0.6
MAW 42.92 147 eP 02 45.00 0.7
BUL 43.22 67 PKPd 02 44.90 -2.6
Z 20s 9.93um 5.7Msz
N 20s 4.26um
E 20s 2.84um
ITR 43.40 323 eP 02 47.30 -1.5
e 02 55.70
e 03 05.30
e 03 12.60
SPA 43.52 180 eP 02 51.00 1.5
1.3s 125.83nm 5.5mb
e 04 38.60
SOB1 44.07 319 eP 02 53.30 -1.0
e 02 58.00
e 03 32.00
e 03 50.00
e 04 09.50
PCH 44.62 266 eP 02 57.50 -1.2
BACH 44.75 266 iPc 03 00.20 0.4
SAN 44.81 266 eP 03 01.50 1.3
PEL 45.01 266 iPc 03 05.40 3.6X
LNV 45.04 265 ePd 03 01.00 -0.9
JACH 45.21 267 eP 03 03.10 -0.4
ROCH 45.33 266 eP 03 04.00 -0.5
VCA 45.92 273 ePd 03 09.00 -0.2
KRI 46.32 65 eP 03 10.50 -1.9
LSZ 46.63 62 iP 03 13.10 -1.7
SLA 46.64 279 ePd 03 14.40 -0.5
MTD 47.59 67 eP 03 23.50 1.1
YJA 48.37 282 ePc 03 28.40 -0.4
TPZ 49.00 282 Pc 03 34.00 0.4
TET 49.33 68 iP 03 35.00 -0.7
CCH 52.15 286 Pd 03 57.30 -0.3
KIC 53.36 11 iP 04 04.10 -2.0
LPB 54.06 285 Pc 04 11.00 -0.8
Z 24s 2.33um 5.2MszX
LR 19 50.00
ZOBO 54.26 285 iP 04 12.20 -1.3
1.5s 32.26nm 5.1mb
Z 21s 2.62um 5.3Msz
iS 11 50.00
LR 20 14.00
SBA 55.74 180 eP 04 23.90 1.0
0.8s 8.96nm 4.8mb
i 04 25.20
ARE 56.38 282 eP 04 27.00 -1.6
LWI 57.48 53 iPc 04 34.30 -2.0
BNG 58.22 38 iPd 04 37.90 -3.3X
0.8s 29.00nm 5.4mb
i 05 04.30
NAI 62.84 60 eP 05 14.00 1.0
2.0s 152.94nm 5.8mb
DRV 65.18 169 eP 05 26.00 -1.3
AVE 79.79 5 iP 06 54.00 0.1
IFR 80.17 7 iP 06 57.00 0.8
MAL 83.42 7 iP 07 12.50 -0.3
LIS 85.10 3 iPc 07 22.80 1.6
TOL 86.58 7 eP 07 29.00 0.4
PRNI 88.25 40 eP 07 39.00 2.1
LGR 89.28 8 iPc 07 42.50 1.0
1.7s 0.30nm 3.3mb X
JER 89.56 40 iPc 07 45.00 1.9
EPF 90.15 10 eP 07 46.50 0.9
1.8s 146.70nm 5.9mb
MLS 90.17 11 iPd 07 45.70 0.1
CVF 91.04 16 eP 07 49.20 -0.5
1.3s 23.50nm 5.4mb
HRI 91.07 39 eP 07 52.00 1.9
LMR 91.35 14 eP 07 51.30 0.3
1.4s 20.90nm 5.3mb
LRG 91.44 14 eP 07 52.00 0.6
1.6s 62.10nm 5.7mb
CDR 91.56 14 ePc 07 52.40 0.4
FRF 91.59 14 eP 07 52.40 0.3
1.4s 32.20nm 5.5mb
LPO 91.88 10 eP 07 54.30 0.9
1.7s 79.40nm 5.8mb
LFF 92.08 10 eP 07 55.30 1.0
1.2s 19.40nm 5.4mb
CAF 92.24 11 eP 07 55.80 0.7
1.7s 73.50nm 5.8mb
RJF 92.54 10 eP 07 57.20 0.8
1.6s 62.10nm 5.8mb
OHR 92.57 25 eP 07 56.50 -0.3
LSF 93.47 10 eP 08 01.60 0.9
1.8s 75.10nm 5.8mb
LPG 93.49 14 eP 08 01.70 0.5
1.5s 26.10nm 5.4mb
SKO 93.55 25 iP 08 01.50 0.3
MZF 93.57 11 eP 08 02.10 0.9
1.3s 25.60nm 5.5mb
TCF 93.59 11 eP 08 02.40 1.1
1.6s 34.50nm 5.5mb
MFF 93.62 9 eP 08 02.40 1.0
BGF 93.94 11 eP 08 03.90 1.0
1.6s 17.90nm 5.2mb
SMF 94.16 12 eP 08 04.40 0.5
1.4s 13.00nm 5.1mb
AVF 94.24 11 eP 08 04.80 0.6
1.8s 53.90nm 5.6mb
LBF 94.52 12 eP 08 05.60 0.0
SSF 94.53 12 eP 08 06.00 0.5
1.2s 5.90nm 4.9mb
GRC 94.70 11 iPc 08 06.50 0.2
LOR 94.78 12 eP 08 06.90 0.2
1.2s 8.90nm 5.1mb
VOY 95.40 19 eP 08 09.30 -0.4
LJU 95.55 19 e(P) 08 10.00 -0.3
KBA 96.27 18 eP 08 14.50 0.7
SOP 97.56 20 eP 08 20.90 1.6
SRO 98.11 21 eP 08 22.60 0.9
MLR 98.11 27 ePd 08 22.00 0.0
ZST 98.17 20 eP 08 22.90 0.9
KHC 98.27 18 Pd 08 23.10 0.6
e 11 49.00
PRU 99.28 18 eP 08 27.50 0.4
e 08 33.00
GLA 120.53 287 ePKP 13 33.00 -4.6X
BDW 123.02 299 ePKP 13 39.00 -3.3X
1.0s 3.00nm
e 15 20.00
DAG 123.22 359 iPKPc 13 40.80 -0.5
0.8s 9.70nm
SBB 123.50 287 ePKP 13 43.00 -0.3
ISA 124.51 287 ePKP 13 46.00 0.8
KMI 125.55 90 ePKP 13 45.50 -2.2
LRM 126.44 301 ePKP 13 47.80 -1.1
JAS1 127.09 289 ePKP 13 50.00 0.0
1.0s 1.10nm
EDM 130.60 309 ePKPc 13 54.70 -1.6
ALE 131.26 352 ePKP 13 56.50 -0.2
1.4s 38.00nm
PNT 132.38 302 ePKP 14 00.00 0.3
INK 143.28 327 ePKP 14 14.00 -5.1X
BJI 143.29 82 ePKP 14 17.50 -2.5X
COL 149.46 323 ePKP 14 29.00 -0.4
1.5s 83.33nm
IMA 151.41 327 ePKP 14 31.70 -0.8
SHK 151.77 103 ePKP 14 38.90 5.1X
MAT 156.61 105 ePKP 14 39.00 -1.4
2.0s 58.82nm
S.D. = 1.1 on 92 of 100 obs.

• SEP 21, 1985 10h 59m 45.53± 0.88s

21d 10h

38.968 N ± 8.2km 22.221 E ±11.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.1 (ATH).

KZN	1.38	346	ePg	00 10.00	-0.9	
VLS	1.50	239	ePg	00 13.00	0.5	
ATH	1.54	130	ePg	00 12.50	-0.5	
			eSn	00 31.50		
VAY	2.37	6	iPn	00 24.50	-0.5	
OHR	2.40	333	ePn	00 29.00	3.4X	
MMB	2.86	23	iPd	00 32.00	0.0	
SKO	3.06	349	ePn	00 43.00	8.2X	
			i	00 50.00		
			iSn	01 25.00		
KDZ	3.58	41	eP	00 56.00	13.7X	
VTS	3.70	11	eP	00 50.00	6.0X	
DIM	4.00	39	eP	00 52.00	3.8X	
PVL	4.73	27	eP	01 00.00	1.4	
MLR	7.08	22	eP	01 41.00	9.2X	
CEY	8.89	322	eP	02 08.30	11.4X	
			eS	03 48.00		
VOY	9.36	322	e(P)	02 16.50	13.1X	
			eS	03 43.00		

S.D. = 1.1 on 6 of 14 obs.

? SEP 21, 1985 11h 57m 51.63± 6.62s
40.499 N ±20.4km 125.622 W ±52.6km
DEPTH = 10.0km (geophysicist)
OFF COAST OF NORTHERN CALIFORNIA(34)
ML 2.9 (BRK).

FHC	1.28	76	iPd	58 16.40	1.0	
			iS	58 24.90		
WDC	2.35	87	iPc	58 30.90	0.0	
GAS	2.38	110	eP	58 30.90	-0.6	
MIN	3.07	92	eP	58 40.70	-0.5	
EMHM	3.19	69	eP	58 42.70	-0.3	
ORV	3.30	105	eP	58 44.20	-0.2	
PCC	3.92	139	eP	58 53.50	0.4	
ARN	4.48	133	eP	59 01.40	0.3	
SAO	4.96	137	iPc	59 17.00	9.1X	

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

• SEP 21, 1985 13h 24m 21.15± 0.67s
36.715 N ± 9.6km 71.758 E ±12.6km
DEPTH = 33.0km (normal)
4.4mb (3 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.65	213	eP	26 13.50	0.3	
			eS	27 34.00		
NDI	9.23	149	eP	26 36.00	1.0	
			eS	28 11.00		
PKI	14.71	124	eP	27 48.90	-0.1	
	0.4s		7.00nm		4.4mb	
HYB	20.14	161	eP	28 54.40	-1.0	
GBA	23.57	166	P	29 29.30	-0.3	
SUF	38.06	328	iP	31 39.00	1.1	
HFS	43.27	322	eP	32 20.70	-0.2	
	0.5s		7.30nm		4.7mb	
NB2	44.58	323	P	32 30.80	-0.7	
	0.4s		1.60nm		4.2mb	

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

• SEP 21, 1985 13h 39m 29.64± 1.54s
18.267 N ±20.4km 101.953 W ±13.7km
DEPTH = 33.0km (normal)
3.5mb (2 obs.)
GUERRERO, MEXICO (59)

III	2.36	87	iP	40 06.00	-1.1	
			iS	40 42.00		
OXM	2.38	64	iP	40 09.00	1.5	
UNM	2.83	68	iP	40 20.70	6.9X	
TPM	2.83	75	eP	40 14.00	0.3	
TAC	2.85	66	eP	40 20.00	6.0X	
			e	41 04.00		
IIC	2.95	59	eP	40 19.00	3.3X	
			iS	41 09.00		
PIO	4.10	116	eP	40 32.50	0.9	
PBJ	6.51	105	iP	41 05.00	-0.7	
LTX	11.13	352	eP	42 07.20	-2.4	
	1.1s		4.24nm		4.5mb X	
JCT	12.31	9	eP	42 39.00	13.4X	
ALQ	17.09	347	e(P)	43 30.00	2.2	
	0.8s		1.87nm		3.3mb	
GLA	18.72	324	eP	43 49.00	1.1	
GSC	21.49	325	eP	44 19.00	1.3	
SBB	21.61	322	eP	44 22.00	3.0X	
CLC	22.30	325	eP	44 25.00	-0.8	
ISA	22.68	323	eP	44 33.00	3.4X	
BDW	25.27	347	eP	44 54.20	-0.6	
	0.9s		1.71nm		3.6mb	
LRM	28.83	345	iPd	45 27.70	0.5	
INK	53.83	346	eP	48 49.00	-2.1	

S.D. = 1.6 on 13 of 19 obs.

SEP 21, 1985 13h 50m 15.40± 1.27s
46.759 S ± 8.2km 165.817 E ± 5.7km
DEPTH = 21.5 ± 10.0 km
4.9mb (6 obs.)
OFF W. COAST OF S. ISLAND, N.Z. (161)

MSZ	2.55	36	P	50 57.80	1.4	
			iS	51 35.50		
CBZ	6.19	161	P	51 46.20	-1.6	
			S	52 52.60		
TCW	8.24	51	eP	52 16.00	-0.5	
WEL	8.45	53	P	52 19.00	-0.5	
			S	53 51.00		
			e	55 02.00		
MNG	9.31	52	P	52 28.80	-2.5	
			S	54 17.50		
KRP	11.38	43	P	52 58.00	-1.6	
			(S)	55 03.00		
GNZ	12.09	52	P	53 07.20	-2.0	
			S	55 20.00		
CIZ	12.71	84	eP	53 18.00	0.5	
TAU	13.68	280	iPd	53 25.50	-4.8X	
			eS	55 46.00		
WAM	16.47	304	eP	54 05.70	-0.9	
			eTT	08 49.30		
CAN	17.03	306	eP	54 12.90	-0.9	
TOO	17.60	294	eP	54 20.00	-0.9	
			eS	57 23.00		
			eTT	08 19.00		
BFD	19.71	291	eP	54 46.00	-0.3	
CMS	21.66	308	eP	55 06.00	-0.3	
BRS	21.90	327	P	55 12.20	3.4X	
			eTT	14 26.00		
ADE	23.52	290	iPd	55 25.80	1.1	
	1.0s		40.00nm		4.9mb	
RMQ	24.33	320	eP	55 34.00	1.4	
NOU	24.40	1	iPc	55 45.90	12.7X	
DZM	24.63	1	iPc	55 38.90	3.3X	
KOU	26.16	357	iPc	55 54.00	4.1X	
CTA	31.04	322	iPc	56 34.00	0.2	
	1.0s		9.00nm		4.6mb	
ASPA	34.42	301	eP	57 01.00	-2.3	
WRA	37.08	305	Pc	57 24.50	-1.3	
	0.8s		13.30nm		4.8mb	
HNR	37.53	350	eP	57 30.00	0.4	
MUN	40.42	273	eP	57 53.00	-0.6	
MRWA	42.23	276	eP	58 08.00	-0.5	
SPA	43.43	180	eP	58 19.30	1.2	
	0.8s		4.17nm		4.3mb	
KNA	43.59	303	eP	58 18.50	-1.1	
MTN	44.62	308	iPc	58 27.40	-0.6	
	0.5s		28.00nm		5.4mb	
TRT	59.67	293	iPc	00 21.00	0.5	
	0.8s		57.30nm		5.8mb	
KGM	73.03	292	ePc	01 46.20	0.6	
PPI	73.04	288	ePc	01 44.50	-1.1	
IPM	76.45	292	ePc	02 02.10	-3.2X	
VAO	104.50	149	e(Pdif	04 05.00	-15.4X	
INK	123.29	23	ePKP	09 10.00	-0.7	
KEV	149.41	333	iPKP	10 03.30	5.0X	
	0.5s		14.00nm			
DAG	149.82	2	iPKPc	10 02.90	4.2X	
	0.7s		8.90nm			
SOD	150.57	329	iPKP	10 06.00	5.9X	
KJF	151.27	323	ePKP	10 07.00	5.8X	
	0.7s		22.70nm			
MLR	152.37	282	iPKPc	10 10.50	6.9X	
SUF	152.37	320	iPKP	10 09.80	7.0X	
	0.6s		16.20nm			
NUR	153.64	316	iPKP	10 07.70	3.0X	
	0.5s		8.40nm			
KBA	161.22	281	ePKP	10 31.00	16.5X	
	0.7s		10.60nm			
			i	10 34.80		
			i	10 35.50		

S.D. = 1.1 on 28 of 43 obs.

SEP 21, 1985 14h 39m 36.21± 0.34s
3.710 S ± 6.1km 102 481 W ± 8.3km
DEPTH = 10.0km (geophysicist)
5.3mb (24 obs.) 5.1Msz (4 obs.)
NORTHERN EASTER I. CORDILLERA (694)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 21C
Centroid Location:
Origin Time 14:39:42.5 0.4
Lat 3.71S FIX;Lon 102.51W FIX
Dep 10.0 FIX Half-duration 2.2
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.31 0.69 Mtt= 0.49 0.11
Mff=-0.18 0.15 Mrt= 0.79 0.25
Mrf= 0.46 0.31 Mtf= 2.56 0.10
Principal Axes:
T Val= 2.99 Plg=15 Azm=319
N -0.54 74 120
P -2.45 5 228
Best Double Couple:Mo=2.7*10**24
NP1:Strike= 3 Dip=76 Slip= 173
NP2: 94 83 14

UPA	26.12	61	e(P)c+45	14.50	2.2	
	0.9s		25.21nm		4.9mb	
Z	18s		17.53um		5.6Msz	
			e	49 52.00		
			LR	52 33.00		
LTX	32.87	358	eP	46 13.00	0.3	
	1.1s		30.59nm		5.1mb	
ARE	32.97	115	eP	46 14.00	0.1	
JCT	34.09	4	eP	46 23.00	-0.2	
	1.0s		45.06nm		5.3mb	
SDV	34.13	68	eP	46 25.60	1.7	
	0.7s		57.10nm		5.6mb	
ZOBO	35.99	113	iP	46 40.80	0.6	
	1.1s		55.10nm		5.3mb	
Z	17s		3.91um		5.2MszX	
			iS	52 30.00		
			LR	57 07.00		
GLA	38.39	343	eP	47 01.00	1.5	
ALQ	38.63	355	eP	47 01.50	-0.2	
	1.3s		27.88nm		4.8mb	
PLM	39.29	341	eP	47 08.00	0.7	
VVO	39.35	9	eP	47 07.90	0.4	
TPZ	39.82	119	P	47 14.20	2.1	
TUL	39.91	8	eP	47 12.80	0.7	
	1.3s		215.10nm		5.7mb	
Z	20s		0.74um		4.5Msz	
			i	47 18.60		
RVR	40.05	341	eP	47 14.00	0.7	
YJA	40.26	120	ePc	47 16.00	0.2	
RLO	40.28	9	eP	47 17.90	2.7X	
OLY	40.35	14	P	47 15.80	0.0	
PAS	40.46	340	eP	47 16.00	-0.7	
MWC	40.49	340	eP	47 19.00	1.8	
SBB	40.83	341	eP	47 21.00	1.2	
VCA	40.99	131	ePd	47 23.00	1.7	
POW	41.04	14	P	47 21.60	0.2	
GSC	41.07	342	eP	47 22.00	0.2	
SLA	41.27	124	ePd	47 24.00	0.3	
ROCH	41.38	138	eP	47 25.00	0.4	
SYP	41.45	338	eP	47 27.00	2.0	
JACH	41.49	138	iPc	47 26.00	0.7	
PEL	41.70	138	iPd	47 27.50	0.5	
LNV	41.74	140	iPc	47 26.90	-0.2	
CLC	41.79	341	eP	47 30.00	2.3	
TACH	41.85	139	ePd	47 29.00	0.8	
SJG	41.86	58	iPc	47 28.00	-0.5	
	1.0s		50.00nm		5.2mb	
Z	19s		2.43um		5.1Msz	
ISA	41.94	340	eP	47 29.00	0.1	
VPEM	41.98	341	P	47 30.00	0.6	
FCH	42.08	138	eP	47 30.50	0.1	
PRM	42.11	25	eP	47 31.20	1.0	
PCH	42.11	139	eP	47 31.00	0.6	
RSCP	42.19	21	eP	47 31.40	0.5	
	1.5s		253.83nm		5.7mb	
CWC	42.52	341	eP	47 30.00	-3.8X	
CYA	42.68	129	ePc	47 35.00	-0.1	
MSU	42.96	349	P	47 37.60	0.2	
FVM	42.96	14	iP	47 37.10	-0.1	
	1.0s		32.00nm		5.0mb	
PRI	43.14	338	ePc	47 39.20	0.4	
GOL	43.28	357	eP	47 40.50	0.5	
	1.0s		15.00nm		4.7mb	

GLD 43.32 357 eP 47 42.00 1.7
1.0s 56.00nm 5.3mb
FRI 43.56 340 eP 47 41.40 -0.6
ARN 44.53 338 P 47 49.90 0.0
MHC 44.56 338 eP 47 50.90 0.6
JAS1 44.65 340 eP 47 51.20 0.4
EUR 44.74 345 iP 47 52.20 0.3
1.1s 6.73nm 4.5mb
NAV 45.53 24 P 47 56.00 -2.0
WCN 45.68 341 P 48 02.40 3.2X
BMN 45.96 344 P 48 01.90 0.5
ORV 46.48 340 P 48 05.70 0.4
BDW 46.71 353 eP 48 07.00 -0.4
1.1s 25.98nm 5.2mb
GAS 47.00 339 P 48 09.80 0.2
MIN 47.22 340 eP 48 12.00 0.6
RSSD 47.63 358 eP 48 14.30 -0.4
1.1s 23.84nm 5.2mb
LRM 50.11 351 ePd 48 33.00 -0.8
ATB 50.16 91 Pc 48 33.20 -1.2
LHC 53.18 11 eP 48 57.00 0.4
NEW 53.32 348 eP 48 57.00 -0.7
RSNY 54.17 24 eP 49 01.30 -2.6
1.3s 50.00nm 5.4mb
Z 22s 1.85um 5.1Msz
OTT 54.39 23 eP 49 06.00 0.5
BAO 54.85 106 iPd 49 08.70 -0.9
PNT 54.87 346 eP 49 08.00 -1.1
1.3s 63.00nm 5.5mb
RSON 54.88 7 eP 49 07.30 -1.7
1.5s 62.36nm 5.4mb
MNT 55.32 24 eP 49 11.50 -0.8
VAO 56.93 115 e(P) 49 22.00 -2.5
HNME 58.30 28 eP 49 32.50 -1.0
SOB1 61.38 98 eP 49 53.90 -1.4
ITR 63.82 98 eP 50 09.80 -1.7
e 50 15.70
e 50 39.50
PME 74.26 339 eP 51 13.20 -1.9
1.0s 32.50nm 5.3mb
PMR 74.27 339 P 51 13.50 -1.6
1.0s 45.25nm 5.5mb
INK 75.03 349 iPc 51 18.00 -1.4
1.0s 61.00nm 5.6mb
COL 76.04 342 eP 51 25.00 -0.3
1.1s 39.24nm 5.4mb
FBA 76.04 342 eP 51 24.00 -1.3
1.0s 27.50nm 5.3mb
TTA 77.63 338 eP 51 32.50 -1.8
IMA 78.67 341 eP 51 39.20 -0.8
SPA 86.31 183 eP 52 19.80 0.2
1.0s 15.00nm 5.1mb
BJI 129.75 321 ePKP 58 46.00 -1.7
HHC 132.00 325 ePKP 58 52.00 -0.2
BTO 133.04 326 ePKP 58 50.00 -4.2X
WMO 139.05 349 PKP 59 06.20 0.8
GTA 139.11 333 ePKP 58 58.40 -7.3X
PP 01 41.10
CD2 143.34 320 ePKP 59 13.80 0.5
GYA 144.08 312 ePKP 59 12.80 -2.0
KSH 144.39 2 ePKP 59 14.00 -0.9
KMI 147.73 314 PKPc 59 21.00 0.0
OUE 151.83 20 ePKP 59 28.00 0.9
CHG 154.23 307 ePKP 59 31.00 0.5
S.D. = 1.1 on 85 of 90 obs.

? SEP 21, 1985 15h 12m 06.30± 1.26s
33.944 S ±14.8km 178.846 W ±19.0km
DEPTH = 33.0km (normal)
4.7mb (2 obs)
SOUTH OF KERMADEC ISLANDS (179)

KRP 6.04 227 P 13 36.00 0.3
MNG 8.05 213 eP 13 58.00 -5.8X
S 15 21.40
MSZ 14.80 220 eP 15 32.00 -2.9X
DZM 17.54 309 iPc 16 11.00 1.0
KOU 20.03 307 iPc 16 38.70 -0.5
BRS 25.22 277 P 17 32.70 2.0
CTA 33.84 285 iPd 18 48.10 0.3
0.9s 8.40nm 4.7mb
ASPA 42.34 271 eP 19 57.00 -2.0
WRA 43.64 276 Pd 20 07.90 -1.7
0.8s 11.20nm 4.7mb
SPA 56.23 180 e(P) 21 46.00 0.5
KJF 145.60 340 ePKP 31 40.00 -1.9X
0.9s 16.90nm

BNG 146.48 213 iPKPd 31 44.80 -0.1
0.6s 5.00nm
SUF 147.19 339 iPKP 31 44.70 0.2
0.7s 6.00nm
NUR 149.34 337 iPKP 31 51.10 3.2X
0.6s 13.00nm
Z 26s 0.20um 4.8MszX
LR 38 00.00
NB2 152.12 350 PKP 31 57.60 5.4X
0.7s 2.10nm
HFS 152.54 346 ePKP 31 58.30 5.6X
0.8s 3.30nm
S.D. = 1.3 on 10 of 16 obs.

• SEP 21, 1985 16h 12m 12.91± 1.97s
4.114 S ±22.4km 136.039 E ±18.6km
DEPTH = 33.0km (normal)
3.5mb (1 obs.)
WEST IRIAN REGION (196)

JAY 4.92 71 ePc 13 26.60 0.0
e 16 07.50
MTN 9.94 209 eP 14 37.00 0.4
eS 16 26.00
KNA 13.60 211 eP 15 25.00 -0.9
eS 17 53.00
WRA 15.82 186 Pd 15 55.30 0.3
0.7s 2.70nm 3.5mb
CTA 18.74 149 eP 16 31.00 -0.5
ASPA 19.55 186 iPd 16 41.60 0.6
S.D. = 0.7 on 6 of 6 obs.

? SEP 21, 1985 18h 19m 08.34± 2.38s
35.071 N ±24.4km 139.462 E ±17.8km
DEPTH = 33.0km (normal)
NEAR S. COAST OF HONSHU, JAPAN (230)

TAT 0.34 105 eP 19 18.00 1.3
iS 19 25.20
OYM 0.39 333 eP 19 16.70 -0.7
YOK 0.40 23 eP 19 22.00 4.6X
S 19 35.60
SRY 0.56 344 eP 19 19.60 -0.2
KYS 0.58 77 eP 19 17.90 -2.1
DDR 0.95 347 eP 19 26.50 1.1
e 19 47.40
TSK 1.25 25 eP 19 30.60 1.0
MAT 1.79 326 eP 19 37.00 -0.4
iS 20 09.50
S.D. = 1.5 on 7 of 8 obs.

SEP 21, 1985 19h 03m 14.67± 1.32s
28.519 N ± 9.0km 141.722 E ±16.8km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
BONIN ISLANDS REGION (212)

CBI 1.48 164 eP 03 49.00 9.8X
eS 04 12.00
MAT 8.53 341 eP 05 25.00 6.1X
eS 07 10.00
MVI 9.72 256 eP 05 34.00 -1.2
eS 07 46.00
SHK 9.77 310 eP 05 35.00 -1.0
PJG 15.14 168 e(P) 06 55.10 7.3X
SSE 18.01 283 P 07 24.00 0.0
6.0s 1.70nm 2.4mb X
N 10s 1.00um
E 10s 0.60um
eS 10 40.00
sS 10 56.00
ANP 18.33 264 eP 07 28.00 -0.2
MDJ 18.75 332 eP 07 32.00 -1.1
DL2 19.63 307 P 07 45.00 1.7
SNY 19.85 317 eP 07 44.40 -1.2
NJ2 20.05 286 Pc 07 49.00 1.2
S 11 28.50
CN2 20.07 324 Pd 07 47.00 -1.0
eS 11 27.00
OZH 20.96 266 eP 07 57.00 -0.2
S 11 40.50
TIA 22.11 297 eP 08 05.10 -3.7X
BAG 22.91 243 eP 08 17.00 0.0
WHN 23.88 282 eP 08 31.00 4.9X
BJI 23.95 305 eP 08 29.00 2.3
eS 12 39.00
HKC 25.61 262 eP 08 46.00 3.3X

eS 13 18.00
GZH 26.08 265 eP 08 47.00 -0.1
TIY 26.10 298 eP 08 50.50 3.2X
DAV 26.22 219 eP 08 48.00 -0.4
eS 13 24.00
HHC 27.54 304 P 09 03.00 2.5X
XAN 28.49 289 eP 09 05.60 -3.4X
BTO 28.60 303 eP 09 13.40 3.4X
PP 10 06.00
S 13 59.00
eSS 15 26.00
GYA 31.10 275 P 09 35.40 2.9X
S 14 40.00
CD2 32.96 284 eP 09 50.00 1.5
KMI 34.85 274 eP 10 08.00 2.8X
N 12s 0.70um
eS 15 30.00
GTA 36.13 299 eP 10 13.00 -2.8X
PP 11 37.50
S 15 51.60
LSA 43.91 284 eP 11 23.50 2.8X
WMO 45.42 305 P 11 33.00 0.8
S 18 12.00
WRA 48.70 189 Pd 11 58.00 0.0
0.7s 3.80nm 4.5mb
NDI 55.97 287 eP 12 52.00 -0.3
eS 20 37.00
QUE 64.04 292 eP 13 47.00 -0.8
APO 81.59 337 (P) 15 34.80 4.5X
0.6s 1.60nm 4.2mb
S.D. = 1.1 on 19 of 34 obs.

? SEP 21, 1985 20h 26m 17.95± 3.83s
29.868 S ±22.0km 71.853 W ±33.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

JACH 3.01 159 eP 27 04.00 -0.5
iS 27 41.10
ZON 3.20 122 eP 27 07.00 -0.2
VCA 3.38 71 ePd 27 09.90 0.0
S 27 51.50
PEL 3.41 163 eP 27 12.80 2.6X
iS 27 55.80
BACH 3.66 162 eP 27 13.50 -0.2
i 28 04.20
FCH 3.70 159 eP 27 15.50 1.0
LNV 4.09 175 eP 27 19.50 -0.3
i 27 23.00
CHCH 4.18 166 iP 27 21.10 0.0
i 28 11.70
S.D. = 0.6 on 7 of 8 obs.

? SEP 21, 1985 20h 38m 54.75± 9.87s
17.941 N ±20.4km 101.297 W ±84.3km
DEPTH = 33.0km (normal)
NEAR COAST OF GUERRERO, MEXICO (58)

III 1.79 76 eP 39 23.00 -1.1
iS 39 52.00
OXM 2.04 48 eP 39 27.50 -0.2
TPM 2.36 64 eP 39 32.00 -0.2
UNM 2.43 55 iP 39 38.50 5.1X
TAC 2.47 54 e(P) 39 39.00 5.2X
IIC 2.65 46 eP 39 37.00 0.6
PIO 3.40 116 iP 39 46.00 -0.7
iS 40 34.50
VHO 4.41 98 iP 40 03.00 1.7
S.D. = 1.3 on 6 of 8 obs.

? SEP 21, 1985 22h 10m 35.96± 2.59s
29.997 S ±19.3km 175.331 W ±33.1km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)
KERMADEC ISLANDS REGION (177)
Felt on Raoul Island.

RAO 2.37 288 P 11 04.00 -9.4X
MNG 12.97 213 P 13 41.00 0.4
S 15 50.00
DZM 18.17 291 iPc 14 46.90 -0.5
MSZ 19.74 218 eP 15 11.00 5.3X
KOU 20.66 292 iPc 15 17.40 1.9
BRS 28.05 267 iPd 16 26.20 -0.2
RMO 31.75 267 eP 16 59.00 -0.3
CTA 36.03 277 iPc 17 35.70 -0.6
0.5s 12.68nm 5.1mb

21d 22h

WRA 46.40 27M Pd 19 00.60 -0.7
0.7s 6.10nm 4.7mb
SBA 48.62 183 e(P) 19 18.00 0.0
KJF 142.81 344 ePKP 29 43.00 -23.9X
SUF 144.43 343 iPKP 30 19.20 9.5X
NUR 146.69 342 iPKP 30 26.70 13.2X
0.5s 28.00nm
NB2 148.65 354 PKP 30 32.90 16.2X
0.7s 4.60nm
HFS 149.26 351 ePKP 30 33.50 15.9X
0.6s 4.90nm
BNG 151.39 210 iPKPd 30 41.10 18.8X
0.6s 6.00nm
i 30 46.30
i 33 05.30
S.D. = 1.0 on 8 of 16 obs.

% SEP 21, 1985 22h 17m 08.23± 0.79s
40.582 N ± 6.8km 29.028 E ± 6.3km
DEPTH = 10.9km (geophysicist)
TURKEY (366)

ISK 0.48 3 iPg 17 18.30 0.3
iSg 17 24.80
KCT 0.61 237 ePg 17 20.00 -0.6
eSg 17 28.80
CTT 0.72 321 ePg 17 21.80 -0.7
EDC 0.92 256 iPn 17 25.60 -0.2
GPA 1.02 105 iPn 17 27.60 0.0
KGT 1.32 265 ePn 17 33.80 1.2
DMK 1.57 323 ePn 17 36.10 0.0
S.D. = 0.8 on 7 of 7 obs.

% SEP 21, 1985 22h 59m 10.17± 0.91s
40.635 N ± 8.4km 29.046 E ± 7.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ISK 0.43 1 ePg 59 18.80 -0.1
iSg 59 25.80
CTT 0.69 318 iPg 59 23.40 -0.5
EDC 0.95 253 ePn 59 27.10 -1.1
GPA 1.02 109 ePn 59 29.60 0.0
KGT 1.34 263 ePn 59 36.00 1.1
DMK 1.53 321 ePn 59 38.10 0.5
S.D. = 1.0 on 6 of 6 obs.

SEP 21, 1985 23h 20m 04.85± 0.57s
39.925 N ± 5.3km 23.892 E ± 4.6km
DEPTH = 18.1 ± 4.8 km
AEGEAN SEA (365)
ML 3.1 (ATH).

PAIG 0.16 271 ePgd 20 08.90 -0.5
OUR 0.41 10 ePgc 20 13.00 -0.4
SOH 0.99 336 ePg 20 23.30 0.2
eSg 20 37.00
THE 1.00 315 ePg 20 23.70 0.4
LIT 1.09 280 ePbd 20 25.00 0.1
eSb 20 41.50
SRS 1.21 349 ePb 20 26.50 -0.4
KNT 1.45 329 ePb 20 30.40 0.2
eSb 20 51.60
GRG 1.53 313 ePbd 20 31.60 0.1
MMB 1.67 356 iPd 20 33.00 -0.4
KZN 1.67 284 ePn 20 34.00 0.5
ePg 20 40.00
eSg 20 57.00
VAY 1.72 325 iPn 20 34.30 0.2
EZN 1.88 92 iPn 20 38.60 2.3
ATH 1.95 184 ePn 20 36.50 -1.0
ePg 20 40.50
PRK 1.96 109 ePn 20 41.50 3.9X
PLD 2.26 15 iP 20 42.00 0.1
OHR 2.64 298 ePn 20 47.60 0.2
VTS 2.72 349 iP 20 49.00 0.5
SKO 2.76 319 ePn 20 49.00 -0.1
JMB 3.25 38 eP 21 03.00 7.0X
DMK 3.49 56 ePn 20 58.00 -1.4
CLO 5.21 351 eP 21 35.00 11.3X
MLR 5.76 15 iPd 21 31.00 -0.7
S.D. = 0.8 on 19 of 22 obs.

% SEP 21, 1985 23h 22m 12.65± 0.82s
40.587 N ± 7.4km 29.014 E ± 6.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ISK 0.48 4 iPg 22 22.80 0.4
iSg 22 28.80
KCT 0.60 236 ePg 22 24.80 -0.1
eSg 22 33.80
CTT 0.71 322 iPg 22 26.00 -0.7
iSg 22 35.80
EDC 0.91 255 iPn 22 29.60 -0.5
GPA 1.03 106 iPn 22 32.10 -0.1
KGT 1.31 265 iPn 22 37.80 0.9
S.D. = 0.8 on 6 of 6 obs.

* SEP 21, 1985 23h 51m 14.48± 1.01s
42.779 N ±10.3km 14.038 E ± 9.4km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
ML 3.3 (TRI), 3.3 (KBA), 3.3 (LJU).

TRI 2.94 356 ePn 52 02.30 0.3
i 52 13.50
iSn 52 36.50
iSg 52 50.60
i 52 59.80
CEY 2.97 5 ePn 52 08.20 5.6X
ePg 52 14.80
eSn 52 39.20
VOY 3.25 358 ePn 52 06.30 -0.3
ePg 52 17.90
i 52 20.60
iSn 52 41.70
iSg 52 55.70
i 53 04.30
LJU 3.28 6 ePn 52 02.30 -4.7X
iSn 52 36.50
ZAG 3.34 24 e(Pn) 51 53.30 -14.5X
e(Sn) 52 25.60
CVF 3.82 269 Pn 52 14.60 0.0
KBA 4.33 354 e(Pg) 52 22.00 0.0
i 52 41.40
i 53 10.80
iSg 53 24.90
OHR 5.31 106 ePn 52 35.80 0.0
KHC 6.36 357 eP 52 54.40 3.8X
S.D. = 0.3 on 5 of 9 obs.

SEP 22, 1985 00h 06m 43.75± 1.12s
28.095 N ± 7.9km 140.752 E ± 7.0km
DEPTH = 35.2 ± 10.4 km
5.1mb (10 obs.)
BONIN ISLANDS REGION (212)

CBI 1.61 128 eP 07 10.00 -0.3
eS 07 28.00
OYM 7.42 350 eP 08 30.70 -1.7
DDR 7.99 351 eP 08 40.50 0.0
TSK 8.11 356 eP 08 41.60 -0.5
MAT 8.69 346 eP 08 52.00 1.9
0.7s 9.59nm 5.0mb
SHK 9.42 315 eP 09 00.70 0.5
NJ2 19.35 287 Pc 11 10.60 1.4
eS 14 54.00
TIA 21.54 298 eP 11 31.40 -0.6
WHN 23.13 282 eP 11 50.00 2.3
BJI 23.51 307 eP 11 47.00 -4.3X
eS 16 05.00
XAN 27.83 290 Pc 12 31.60 -0.4
BTO 28.13 304 eP 12 34.00 -0.6
GYA 30.29 275 eP 12 54.00 -0.1
CD2 32.23 284 eP 13 11.00 0.0
GTA 35.58 299 P 13 39.60 -0.4
WRA 48.16 188 Pc 15 22.00 -0.6
0.8s 28.10nm 5.3mb
PKI 48.57 283 eP 15 26.20 -0.1
0.9s 28.00nm 5.3mb
KKN 48.63 283 eP 15 27.30 0.7
0.9s 51.00nm 5.6mb
DMN 48.82 283 eP 15 28.70 0.6
0.9s 33.00nm 5.4mb
NDI 55.28 287 eP 16 15.00 -1.1
COL 57.07 29 eP 16 28.00 -0.5
0.9s 8.40nm 4.8mb
GBA 60.31 270 P 16 50.80 -0.9
KOD 61.73 267 eP 17 02.00 0.3
QUE 63.40 292 eP 17 11.20 -1.2
PNT 75.08 42 eP 18 24.00 0.2
1.0s 12.00nm 4.8mb
SUF 75.74 334 eP 18 26.00 -1.3
0.5s 1.80nm 4.3mb
NEW 77.03 42 eP 18 36.00 1.2
NUR 77.60 333 eP 18 40.00 2.4X
LRM 81.01 43 iPc 18 58.00 1.3
EUR 81.97 50 iP 19 02.20 0.4
0.2s 7.82nm 5.4mb
NB2 82.21 338 P 19 00.60 -1.8
1.0s 6.20nm 4.6mb
ZOBO 150.87 72 ePKPc 26 31.00 1.4
TPZ 155.11 81 PKP 26 38.00 2.8X
S.D. = 1.1 on 30 of 33 obs.

? SEP 22, 1985 00h 58m 01.02± 1.62s
28.025 N ±14.2km 140.958 E ±32.2km
DEPTH = 33.0km (normal)
5.0mb (5 obs.)
BONIN ISLANDS REGION (212)

MAT 8.80 345 (P) 00 10 00 1.0
WRA 48.11 188 Pc 06 40.50 0.7
0.8s 13.00nm 5.0mb
PKI 48.77 283 eP 06 44.60 -0.7
1.0s 12.00nm 4.9mb
KKN 48.82 284 eP 06 45.90 0.3
0.8s 19.00nm 5.2mb
DMN 49.02 283 eP 06 47.30 0.2
0.7s 13.00nm 5.1mb
HFS 82.14 336 eP 10 17.90 -1.6
0.7s 2.30nm 4.3mb
S.D. = 1.2 on 6 of 6 obs.

SEP 22, 1985 01h 39m 12.89± 0.91s
28.129 N ± 4.2km 140.729 E ± 4.7km
DEPTH = 13.0 ± 5.9 km
5.0mb (13 obs.)
BONIN ISLANDS REGION (212)
Felt (II JMA) on Chichi-shimo.

C8I 1.65 128 eP 39 40.00 -1.6
eS 39 59.00
KYS 7.07 356 eP 41 01.40 2.9X
OYM 7.38 351 eP 41 03.10 0.2
SRY 7.56 351 eP 41 04.70 -0.7
DDR 7.95 351 eP 41 12.50 1.5
TSK 8.08 356 eP 41 11.30 -1.3
MAT 8.65 346 eP 41 24.00 3.3X
0.5s 7.04nm 5.2mb
eS 43 06.00
SHK 9.39 315 eP 41 37.50 6.7X
PJG 14.97 164 eP 42 47.10 1.2
GUA 15.03 164 eP 42 47.50 0.8
SSE 17.25 285 P 43 12.00 -3.0X
N 11s 0.70um
sS 46 42.00
ANP 17.42 265 e(P) 43 16.00 -1.3
NJ2 19.32 287 Pc 43 41.50 0.9
SNY 19.55 319 Pc 43 46.50 3.3X
QZH 20.06 266 eP 43 50.00 1.4
TIA 21.51 298 eP 44 04.00 0.5
BAG 21.95 242 eP 44 08.00 -0.3
BJI 23.47 307 eP 44 22.00 -0.9
eS 48 33.00
eS 49 19.00
DAV 25.37 217 eP 44 41.00 -0.4
eS 49 12.00
TIY 25.52 299 P 44 43.00 0.3
XAN 27.80 290 eP 45 03.40 -0.3
S 49 46.00
BTO 28.09 304 P 45 06.00 -0.3
eS 49 52.00
CD2 32.20 284 eP 45 42.80 -0.1
eS 50 50.00
GTA 35.55 299 iPc 46 11.80 0.0
eS 51 46.50
LOE 37.37 262 eP 46 28.00 0.8
CHG 39.27 266 eP 46 44.50 1.3
MTN 41.78 194 eP 47 03.00 -0.7
WMQ 44.93 305 P 47 28.00 -1.2
PSI 47.19 245 eP 47 48.00 0.7
WRA 48.19 188 Pc 47 54.00 -1.0
0.8s 61.10nm 5.7mb
CTA 48.23 173 eP 47 55.00 -0.3
PKI 48.55 283 ePd 47 59.00 0.8
0.9s 46.00nm 5.5mb
KKN 48.60 283 ePd 47 59.30 0.8
DMN 48.80 283 iPd 48 01.00 0.9
0.8s 48.00nm 5.6mb

ASPA	51.91	188	eP	48	22.00	-1.5	KMI	34.04	274	eP	50	20.50	1.5	GBA	60.31	270	Pc	32	09.10	-0.9
SVW	53.11	33	eP	48	33.50	1.4		N 14s		1.20um					0.9s		2.10nm			4.3mb
TTA	53.21	31	eP	48	33.50	0.6				S	55	46.00		MBC	65.33	15	eP	32	42.00	-0.4
IMA	54.76	27	eP	48	44.70	0.5	GTA	35.57	299	P	50	31.10	-0.8	PNT	75.14	42	eP	33	43.00	0.6
NDI	55.25	287	eP	48	47.00	-1.1				S	56	06.50		SUF	75.81	334	iP	33	44.90	-1.0
PME	56.31	33	eP	48	54.50	-0.8	CHG	39.32	266	iPd	51	05.60	2.2		0.7s		3.20nm			4.4mb
BRS	56.40	167	P	48	54.50	-1.9		0.8s		7.46nm			4.5mb	NEW	77.08	42	eP	33	54.00	0.6
COL	57.05	29	eP	49	01.00	0.4	MTN	41.82	194	eP	51	23.00	-0.8	LRM	81.06	43	iPc	34	16.50	1.2
	1.0s		22.50nm			5.2mb	LSA	43.19	284	eP	51	36.00	0.4	APO	81.71	336	(P)	34	16.70	-1.3
FBA	57.05	29	eP	49	00.00	-0.6				eS	58	04.00			0.2s		2.10nm			4.8mb
HYB	57.79	274	eP	49	06.80	0.3	SHL	43.46	278	eP	51	37.20	-0.3	NB2	82.28	338	P	34	19.40	-1.7
GBA	60.29	270	P	49	24.00	0.2				eS	58	06.00			0.8s		2.40nm			4.3mb
KOD	61.71	267	eP	49	34.00	0.1	WMQ	44.94	305	P	51	48.50	-0.6	ZOBO	150.89	72	PKP	41	55.20	7.2X
INK	62.63	25	iPd	49	37.20	-1.6	PSI	47.24	245	eP	52	08.50	1.0		Z 18s		0.28um			5.1Msz
QUE	63.37	292	eP	49	41.00	-3.5X	WRA	48.22	188	Pd	52	13.20	-1.8				LR	57	00.00	
YKA	71.85	28	eP	50	37.70	0.7		0.7s		56.00nm			5.7mb		S.D. = 1.1		on 13 of 14 obs.			
SOD	72.97	338	iP	50	42.30	-1.2	CTA	48.26	173	iPd	52	15.30	0.0							
KJF	74.30	335	eP	50	44.00	-7.3X		1.0s		10.00nm			4.8mb	•	SEP 22, 1985 03h 48m 32.29± 0.71s					
DAG	74.58	355	iPd	50	52.10	-0.6	PKI	48.58	283	eP	52	18.50	0.3		11.293 S ± 8.0km 113.787 E ±11.2km					
	0.8s		16.42nm			5.1mb		0.8s		43.00nm			5.5mb		DEPTH = 33.0km (normal)					
PNT	75.07	42	eP	50	56.00	-0.1	NDI	55.28	287	eP	53	07.00	-1.0		5.0mb (7 obs.)					
	0.9s		12.00nm			4.9mb				eS	00	54.00			SOUTH OF SUMBAWA ISLAND					(291)
SUF	75.70	334	eP	50	58.00	-1.4	BRS	56.42	167	P	53	14.20	-2.0							
	0.6s		3.40nm			4.6mb	COL	57.01	29	eP	53	21.00	1.0	MKS	6.07	6	e(P)d	50	03.40	1.2
NEW	77.02	42	eP	51	08.00	0.9		0.8s		16.42nm			5.1mb	MBL	9.86	174	eP	50	54.00	-0.9
SES	79.43	38	eP	51	20.00	-0.3	HYB	57.82	274	eP	53	25.50	-0.9				eS	52	37.00	
FFC	81.54	31	eP	51	32.00	0.7	GBA	60.33	270	P	53	43.40	-0.3	KNA	10.67	116	eP	51	03.00	-2.9
	1.2s		14.00nm			4.9mb	POO	61.53	277	iPc	53	51.60	-0.3				eS	52	58.00	
HFS	81.96	336	eP	51	31.60	-1.8	INK	62.59	25	eP	53	57.00	-1.1	NAU	11.62	195	eP	51	18.00	-0.9
	0.7s		3.00nm			4.5mb	QUE	63.39	292	eP	54	04.00	-0.3		0.3s		25.00nm			5.9mb
EUR	81.97	50	iP	51	34.80	0.6	MBC	65.19	15	eP	54	15.00	-0.1				eS	53	15.00	
	0.8s		5.90nm			4.7mb	KEV	71.56	340	eP	54	54.00	-0.7	MTN	12.17	99	eP	51	26.00	-0.3
NB2	82.17	338	P	51	32.80	-1.8		0.5s		12.60nm			5.2mb				eS	53	34.00	
	0.9s		7.20nm			4.8mb	YKA	71.80	28	eP	54	57.50	1.3	MEK	15.24	181	eP	52	07.00	0.2
SBB	83.04	54	eP	51	41.00	1.4	YKC	71.86	28	eP	54	56.00	-0.6		0.4s		34.00nm			5.0mb
GSC	83.46	54	eP	51	38.00	-3.8X		0.5s		8.00nm			5.0mb				eS	54	42.00	
BDW	84.37	44	eP	51	47.00	0.6	SOD	72.95	338	iP	55	02.30	-0.7	WRA	17.26	122	Pc	52	35.00	2.4
	1.0s		2.20nm			4.3mb	KJF	74.29	335	eP	55	10.00	-0.8		0.6s		5.50nm			3.9mb X
GLA	86.01	53	eP	51	55.00	0.4	DAG	74.56	355	iPd	55	12.00	-0.1	MRWA	18.02	188	eP	52	42.00	0.0
ZOBO	150.87	72	iPKP	59	03.40	1.2X		0.7s		8.90nm			4.8mb				eS	55	45.00	
	1.0s		7.50nm				PNT	75.02	42	eP	55	16.00	0.7	ASPA	18.93	133	eP	52	57.00	3.8X
LPB	151.02	73	PKPc	59	03.30	1.1X		0.8s		10.00nm			4.8mb	BAL	19.32	185	eP	52	59.00	1.3
RTCB	154.20	105	ePKPd	59	25.30	19.4X	SUF	75.69	334	iP	55	17.60	-1.2		0.4s		17.00nm			4.7mb
RTCB	154.20	105	ePKPd	59	25.30	19.4X		0.4s		2.30nm			4.5mb				eS	56	15.00	
TPZ	155.12	80	ePKP	59	10.00	2.2X	EDM	76.71	36	ePc	55	25.20	0.4	KLG	19.55	173	eP	53	02.00	1.7
	S.D. = 1.0		on 56 of 69 obs.				NEW	76.96	42	eP	55	27.00	0.7				eS	56	25.00	
							NUR	77.55	333	iP	55	28.80	-0.4	KLB	20.22	183	eP	53	12.00	4.6X
	SEP 22, 1985 02h 43m 36.06± 1.22s							0.6s		11.70nm			5.1mb		0.4s		17.00nm			4.7mb
	28.161 N ± 5.6km 140.775 E ± 4.5km						SES	79.37	38	eP	55	40.00	0.5				eS	56	41.00	
	DEPTH = 38.8 ± 11.6 km						UPP	80.70	335	iP	55	45.40	-0.8	MUN	20.72	186	eP	53	19.00	6.4X
	5.0mb (17 obs.)						LRM	80.94	43	iPc	55	49.60	1.4		0.7s		100.00nm			5.3mb
	BONIN ISLANDS REGION					(212)	FFC	81.49	31	eP	55	51.00	0.5				eS	56	50.00	
	Felt (I JMA) on Chichi-shimo.							1.0s		10.00nm			4.8mb	NWAO	21.58	184	eP	53	30.00	8.8X
							EUR	81.91	50	iP	55	53.50	0.1		0.5s		26.00nm			4.9mb
CBI	1.64	130	eP	44	01.00	-1.9		0.2s		22.33nm			5.8mb	IPM	23.69	311	ePd	53	41.00	-1.1
			eS	44	20.00		HFS	81.95	336	eP	55	52.00	-0.8	PKI	50.39	321	eP	57	28.60	-0.5
MAT	8.63	346	eP	45	44.00	2.5X		0.5s		5.70nm			4.9mb	DMN	50.61	320	eP	57	30.50	-0.1
	0.8s		17.91nm			5.2mb	NB2	82.16	338	P	55	52.60	-1.4		0.7s		13.00nm			5.0mb
			eS	47	26.00			1.1s		14.90nm			4.9mb		S.D. = 1.5		on 13 of 17 obs.			
SHK	9.39	315	eP	45	57.30	5.3X	GSC	83.41	54	eP	56	02.00	1.0							
PJG	14.99	164	eP	47	08.10	1.1	GLA	85.96	55	eP	56	15.00	1.2	•	SEP 22, 1985 03h 59m 35.25± 1.14s					
GUA	15.05	164	eP	47	08.70	0.9	KHC	89.81	328	P	56	31.00	-1.0		35.944 N ±10.5km 139.960 E ±11.9km					
ANP	17.47	265	eP	47	40.00	1.5	ALQ	90.75	49	eP	56	37.50	0.7		DEPTH = 33.0km (normal)					
MDJ	18.70	334	eP	47	54.00	0.6		1.0s		4.75nm			4.8mb		NEAR S. COAST OF HONSHU, JAPAN					(230)
NJ2	19.35	287	Pc	48	02.60	1.4	ARE	148.06	76	ePKP	03	24.00	7.2X							
			S	51	41.00		ZOBO	150.83	72	ePKP	03	22.00	0.6	TSK	0.29	24	iPd	59	43.60	0.7
QZH	20.10	266	eP	48	08.50	-0.7		1.0s		10.00nm				TOK	0.30	213	P	59	46.50	3.5X
			S	51	54.00		LPB	150.97	73	PKPc	03	23.00	1.6				eS	00	00.00	
TIA	21.53	298	eP	48	24.40	0.6	CCH	153.02	72	PKPc	03	41.40	17.2X	DDR	0.62	275	eP	59	48.70	1.0
			eS	52	23.00		TPZ	155.08	80	ePKP	03	30.00	3.0X				S	00	02.40	
BAG	22.01	242	eP	48	29.00	0.1		S.D. = 1.0		on 62 of 67 obs.				SRY	0.65	239	eP	59	48.70	0.7
WHN	23.14	282	eP	48	40.50	0.7								KYS	0.76	168	eP	59	48.70	-0.8
BJI	23.49	307	eP	48	41.50	-1.5	•	SEP 22, 1985 03h 22m 01.80± 0.71s						OYM	0.78	228	iPd	59	50.30	0.4
			eS	52	54.00			28.018 N ±12.9km 140.751 E ±14.1km						MAT	1.54	293	iPc	59	58.70	-2.0
			eSS	53	44.00			DEPTH = 33.0km (normal)									iS	00	21.40	
DAV	25.42	217	eP	49	02.00	0.2		4.8mb (8 obs.) 5.1Msz (1 obs.)							S.D. = 1.5		on 6 of 7 obs.			
HHC	27.06	306	P	49	16.50	-0.4		BONIN ISLANDS REGION					(212)							
XAN	27.83	290	eP	49	23.00	-0.9								%	SEP 22, 1985 04h 02m 15.41± 1.39s					
			S	54	08.00		MAT	8.77	346	(P)	24	10.00	0.7		40.584 N ±12.7km 29.041 E ± 8.7km					
BTO	28.11	304	eP	49	26.00	-0.4	WRA	48.08	188	Pd	30	40.30	0.0		DEPTH = 10.0km (geophysicist)					
			S	54	13.00			0.7s		25.40nm			5.4mb		TURKEY					(366)
GYA	30.30	275	P	49	47.00	0.8	PKI	48.59	283	eP	30	45.80	1.1							
			S	54	45.00			1.0s		22.00nm			5.1mb	ISK	0.48	2	ePg	02	26.00	0.8
LZH	32.11	294	eP	50	02.00	-0.1	KKN	48.65	284	eP	30	46.40	1.4				iSg	02	31.60	
	E 12s		0.70um					0.9s		34.00nm			5.4mb	HRT	0.53	63	ePg	02	26.00	-0.2
CD2	32.23	284	eP	50	03.20	0.2	COL	57.14	29	eP	31	47.00	-0.3				iSg	02	35.60	
			eS	55	14.00			0.8s		5.97nm			4.7mb	CTT	0.73	321	ePg	02	28.60	-1.1

22d 04h

EDC 0.93 256 ePn 02 32.60 -0.5
KGT 1.33 265 ePn 02 41.00 1.0
S.D. = 1.3 on 5 of 5 obs.

% SEP 22, 1985 04h 03m 38.12± 1.09s
40.562 N ± 9.2km 29.080 E ± 8.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ISK 0.50 358 iPg 03 48.40 0.1
iSg 03 54.60
HRT 0.52 60 ePg 03 48.60 0.0
iSg 03 58.60
KCT 0.63 241 ePg 03 50.10 -0.8
eSg 03 58.60
CTT 0.76 320 iPg 03 52.50 -0.6
iSg 04 01.80
EDC 0.95 257 iPn 03 56.00 -0.3
KGT 1.35 266 ePn 04 04.60 1.5
DMK 1.61 322 ePn 04 06.60 0.0
S.D. = 0.9 on 7 of 7 obs.

SEP 22, 1985 04h 13m 59.17± 0.66s
4.237 S ± 9.1km 136.034 E ± 9.2km
DEPTH = 10.0km (geophysicist)
4.9mb (4 obs.)
WEST IRIAN REGION (196)

TLE 3.56 247 eP 14 53.00 -2.5
SLKI 6.00 231 ePd 15 36.20 6.0X
iS 17 08.40
AAI 7.84 274 e(P) 16 03.20 7.2X
MTN 9.83 209 eP 16 26.00 2.3
eS 18 16.00
PMG 12.18 116 eP 16 55.00 -0.7
KNA 13.49 211 eP 17 14.00 0.8
e 19 45.00
WRA 15.73 186 Pd 17 40.60 -1.5
0.7s 3.90nm 3.7mb X
CTA 18.64 149 iPc 18 19.80 0.7
0.8s 35.82nm 4.6mb
iS 23 53.00
i 24 36.70
ASPA 19.43 186 eP 18 29.00 0.2
BRS 28.02 147 P 19 52.50 -0.1
CHG 43.11 303 eP 22 03.00 1.4
MNG 50.67 141 P 23 00.00 -0.8
PKI 58.14 306 eP 23 55.60 -0.5
0.7s 4.00nm 4.6mb
KKN 58.34 306 eP 23 57.00 -0.4
0.8s 19.00nm 5.2mb
DMN 58.40 306 eP 23 58.60 0.7
0.7s 19.00nm 5.3mb
PQQ 65.27 292 eP 24 43.50 -0.4
SPA 85.79 180 e(P) 26 40.00 0.0
ARE 145.89 128 ePKP 33 42.00 0.7
YJA 146.34 142 ePKPd 33 44.80 2.7X
TPZ 146.73 141 ePKP 33 46.00 3.4X
LPB 148.46 131 PKPd 33 50.00 4.5X
ZOBO 148.60 131 PKP 33 52.20 6.2X
CCH 149.33 135 PKP 33 52.40 5.7X
S.D. = 1.2 on 16 of 23 obs.

SEP 22, 1985 05h 15m 43.51± 0.20s
8.913 S ± 3.8km 122.367 E ± 5.4km
DEPTH = 100.3km (4 depth phases)
5.3mb (21 obs.)
FLORES ISLAND REGION (286)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 15C
Centroid Location:
Origin Time 05:15:46.5 0.9
Lat 8.67S 0.09 Lon 122.40E 0.10
Dep 84.4 9.7 Half-duration 1.5
Moment Tensor: Scale 10**23 D-CM
Mrr=-3.14 0.87 Mtt=-2.39 2.15
Mff= 5.53 2.54 Mrt= 6.58 0.59
Mrf= 0.67 0.79 Mtf= 1.69 1.00
Principal Axes:
T Val= 6.59 Plg=19 Azm=295
N 2.80 37 41
P -9.38 46 184
Best Double Couple:Mo=8.0*10**23
NP1:Strike=342 Dip=42 Slip=-156
NP2: 234 74 -51

MKS 4.66 322 eP 16 56.20 3.3
iS 17 52.40
AAI 7.78 48 ePd 17 38.20 2.4
e(S) 19 27.00
SLKI 8.88 85 ePc 17 59.50 8.7X
iS 19 21.40
KNA 9.23 138 eP 17 50.00 -5.6X
0.4s 420.00nm 6.6mb X
eS 19 27.80
MTN 9.45 115 eP 17 54.00 -4.5X
TLE 10.80 73 ePc 18 07.00 -9.6X
MBL 12.42 191 eP 18 35.00 -3.0X
eS 20 40.00
NAU 15.07 205 eP 19 11.00 -1.4
0.3s 40.00nm 5.1mb
eS 21 47.00
WRA 15.95 135 Pd 19 17.50 -6.0X
0.5s 35.60nm 4.9mb
KKM 16.07 337 ePd 19 28.70 3.6X
1.1s 125.30nm 5.1mb
DAV 16.21 11 eP 19 28.00 1.2
1.5s 1022.22nm 5.8mb
MEK 17.97 191 eP 19 47.00 -1.4
eS 22 56.00
ASPA 18.36 144 iPd 19 51.30 -1.9
e 23 02.00
ISQ 20.31 127 iPd 20 12.30 -1.6
MRWA 21.07 196 iPd 20 21.10 -0.2
eS 24 04.00
KLG 21.78 182 eP 20 28.00 -0.4
0.3s 38.00nm 5.2mb
eS 24 04.00
KGM 21.87 299 ePd 20 32.80 3.4X
BAL 22.22 193 iPd 20 33.10 0.3
0.4s 76.00nm 5.4mb
eS 24 33.00
KLB 22.97 190 eP 20 40.00 0.0
0.5s 157.30nm 5.6mb
eS 24 50.00
PPI 23.43 290 iP 20 47.70 3.0X
MUN 23.65 193 iPd 20 47.00 0.3
0.7s 200.00nm 5.6mb
eS 25 10.00
NWAO 24.36 191 eP 20 54.00 0.5
0.7s 110.00nm 5.4mb
Z 20s 0.40um 3.9Msz
PMG 24.47 93 eP 20 55.00 0.3
IPM 25.15 301 ePd 21 00.10 -1.0
BAG 25.22 356 eP 21 01.00 -0.9
RKG 25.52 190 eP 21 09.00 4.7X
0.5s 63.00nm 5.4mb
eS 26 04.00
CTA 25.62 118 iPd 21 05.00 -0.4
1.1s 137.97nm 5.4mb
i 24 34.00
iS 25 56.00
i 28 04.50
STK 29.00 145 iPd 21 34.80 -1.1
0.3s 18.00nm 5.2mb
ADE 29.94 152 iPd 21 43.50 -0.8
0.8s 32.84nm 5.1mb
QIZ 30.39 336 eP 21 48.60 0.3
RMO 30.51 128 iPd 21 49.10 -0.3
NNT 31.02 313 eP 21 54.40 0.5
e 28 20.60
CMS 31.31 139 iPd 21 55.70 -0.7
PJG 31.60 45 eP 21 56.80 -2.2
GZH 33.01 345 eP 22 11.00 -0.1
KHT 33.32 315 eP 22 15.20 1.3
BFD 33.55 150 eP 22 15.00 -0.8
QZH 33.85 354 Pd 22 17.70 -0.7
BRS 34.09 127 iPd 22 20.20 -0.4
e(pPP) 22 35.40
e(SP) 22 49.00
e 28 30.00
YOU 34.75 140 iPd 22 26.50 0.3
TOO 35.36 147 eP 22 32.00 0.7
e 28 36.00
CAN 35.82 141 eP 22 35.50 0.3
e 23 55.00 412kmX
CHG 35.96 320 eP 22 37.50 1.1
WAM 36.32 142 iPd 22 40.10 0.8
VSG 36.87 94 eP 22 44.00 -0.2
SVO 36.97 93 eP 22 55.00 9.9X
GYA 38.33 337 P 22 56.60 0.2
KMI 38.86 331 eP 23 01.50 0.5
pP 23 26.00 106km

SSE 39.80 358 P 23 09.40 1.1
1.2s 92.00nm 5.5mb
pP 23 32.00 96km
WHN 39.98 349 eP 23 10.50 0.7
NJ2 40.87 355 Pc 23 17.00 -0.1
KOU 42.83 111 iPd 23 26.60 -0.3
CD2 43.43 336 P 23 38.00 -0.2
DZM 44.28 112 iPd 23 44.90 -0.3
NOU 44.33 113 iPc 23 45.50 0.0
XAN 44.58 344 Pc 23 46.00 -1.4
pP 24 09.70 101km
TIA 45.15 354 eP 23 50.00 -1.8
OYM 46.88 19 eP 24 05.10 -0.5
TIY 47.30 349 P 24 07.10 -1.8
DDR 47.40 19 eP 24 05.10 -4.6X
MAT 47.60 17 iPc 24 09.60 -1.6
1.3s 217.31nm 5.8mb
eS 31 00.00
TSK 47.89 19 eP 24 13.10 -0.3
BJI 49.04 354 eP 24 21.00 -1.1
GBA 49.90 296 P 24 27.20 -1.9
SNY 50.50 1 eP 24 31.30 -1.9
HHC 50.51 349 iPd 24 32.00 -1.5
BTO 50.57 348 eP 24 32.50 -1.4
HYB 50.59 301 eP 24 32.00 -2.4
PKI 50.95 317 eP 24 35.80 -1.5
KKN 51.18 317 eP 24 38.30 -0.6
0.7s 20.00nm 5.3mb
DMN 51.18 316 eP 24 38.40 -0.6
1.0s 49.00nm 5.5mb
GTA 52.44 338 P 24 47.60 -0.5
pP 25 11.60 99km
ScP 29 45.10
CN2 52.54 3 eP 24 44.60 -4.0X
MSZ 53.02 140 P 24 52.70 0.6
0.6s 46.00nm 5.7mb
e 26 59.20 725kmX
POO 55.09 300 eP 25 06.00 -1.7
VUN 55.13 106 eP 25 07.80 -0.2
KRP 55.76 130 P 25 12.80 0.5
TCW 55.88 134 P 25 11.80 -1.3
DRV 58.92 172 eP 25 33.20 -0.8
e 57 29.50
WMO 61.18 332 P 25 49.80 -0.1
MAW 70.47 201 eP 26 49.00 0.3
SBA 72.54 171 eP 27 01.00 0.1
0.8s 7.46nm 4.6mb
AVY 72.70 253 ePc 27 03.50 0.4
SYO 79.17 201 iP 27 39.70 1.3
SPA 81.15 180 iPd 27 50.00 0.9
0.9s 34.55nm 5.2mb
MTD 88.21 253 eP 28 28.60 3.3X
KRI 90.07 253 eP 28 35.60 1.5
BUL 90.46 250 iPd 28 37.60 1.7
0.7s 9.59nm 5.1mb
COL 97.93 26 eP 29 09.00 0.1
JAS1 116.84 52 ePKP 34 20.00 1.7
MNA 118.50 51 PKP 34 22.00 0.4
VPEM 119.25 54 PKP 34 23.00 -0.1
MWC 119.36 56 ePKP 34 25.00 1.6
SBB 119.47 55 ePKP 34 23.00 -0.4
EUR 119.93 49 iPKP 34 25.50 1.1
0.6s 2.82nm
GSC 120.18 54 ePKP 34 26.00 1.2
GLA 122.22 57 ePKP 34 30.00 1.3
MSU 123.03 50 PKP 34 31.20 0.9
DAU 123.15 47 PKP 34 30.00 -0.6
BDW 123.55 44 ePKP 34 31.00 -0.3
RSSD 126.69 41 ePKP 34 37.30 0.0
KIC 127.55 271 ePKP 34 39.50 0.0
GOL 127.63 46 PKP 34 40.50 1.2
1.0s 10.00nm
ALQ 128.48 52 PKP 34 42.10 1.2
1.2s 7.81nm
RSON 128.70 29 ePKP 34 40.00 -0.6
LTX 132.38 58 ePKP 34 41.00 -7.4X
TUL 136.10 46 ePKP 34 57.50 2.4
0.6s 8.60nm
VVO 136.41 47 e(PKP) 34 58.50 2.8X
BHO 137.49 48 ePKP 34 59.20 1.4
FVM 138.65 40 ePKP 35 05.00 5.2X
RSCP 143.18 40 ePKP 35 09.50 1.5
NAV 144.80 33 PKP 35 08.40 -2.3
BLA 145.08 33 PKP 35 09.20 -2.0X
1.1s 71.52nm
GFM 145.11 35 PKP 35 08.00 -3.4X
SLA 145.70 167 ePKPc 35 14.20 1.5

NA2	145.73	29	PKP	35 00.80	-11.3X
BMA	145.93	203	e(PKP)	35 16.00	3.0X
PRM	146.17	39	PKP	35 13.20	0.2
VAO	146.61	198	ePKP	35 17.20	3.1X
YJA	148.16	166	ePKPd	35 20.00	2.9X
TPZ	148.79	165	PKP	35 22.00	4.0X
			i	35 25.70	
ARE	151.30	151	ePKP	35 29.00	7.2X
CCH	152.55	162	PKP	35 25.80	2.2
			i	35 32.00	
LPB	152.68	158	PKPc	35 32.20	8.2X
			LR	31 50.00	
ZOBO	152.91	157	PKP	35 26.50	2.0
	1.2s		27.03nm		
			i	35 45.00	
			LR	32 10.00	
ITR	154.03	228	ePKP	35 34.70	9.3X
			e	35 36.30	
			e	35 45.10	
			e	36 03.30	
			e	36 10.30	
			e	36 27.00	
SOB1	155.47	223	ePKP	35 37.50	10.2X
ATB	166.74	204	e(PKP)	35 40.30	1.3
	S.D. = 1.2		on 100 of 128 obs.		

& SEP 22, 1985 05h 43m 00.31s
59.108 N 151.320 W
DEPTH = 53.4km
4.6mb (5 obs.)
KENAI PENINSULA, ALASKA (14)
<AGS-P>. Felt (III) at Homer.

CNPM	0.42	6	iP	43 10.56	-0.5
NNL	0.94	1	iP	43 17.92	0.5
ILM	1.32	325	iP	43 22.28	-0.4
			iS	43 38.57	
SEW	1.38	43	iP	43 22.41	-1.1
KDC	1.50	205	eP	43 24.00	-1.2
SLKM	1.51	21	iP	43 24.87	-0.5
RDT	1.57	340	iP	43 25.79	-0.5
NKA	1.64	1	iP	43 28.60	1.4
MPA	1.70	35	iP	43 26.88	-1.2
MTU	2.07	63	eP	43 31.46	-1.7
			iS	43 55.17	
PTE	2.11	32	iP	43 32.62	-1.1
SPU	2.11	350	iP	43 33.43	-0.5
KNIM	2.20	54	iP	43 33.23	-1.9
			iS	43 58.16	
CRP	2.21	349	iP	43 35.12	-0.2
CGLM	2.23	351	iP	43 35.36	-0.3
LOU	2.30	52	iP	43 34.59	-2.0
PWL	2.31	39	iP	43 35.50	-1.2
PMS	2.32	22	iP	43 36.10	-0.7
SUA	2.38	7	iP	43 37.07	-0.7
MID	2.58	81	eP	43 38.10	-2.3
KNK	2.72	30	iP	43 41.07	-1.4
PLRM	2.72	23	iP	43 41.19	-1.2
CFI	2.74	39	iP	43 40.96	-1.7
GLI	2.77	48	iP	43 41.06	-2.1
			iS	44 10.91	
PME	2.77	23	eP	43 41.90	-1.3
SKT	2.88	358	iP	43 44.38	-0.5
GHO	2.92	23	iP	43 44.28	-1.2
SVW	2.94	315	eP	43 44.70	-1.0
SML	3.09	27	iP	43 46.30	-1.5
VZW	3.09	49	iP	43 45.81	-2.0
VLZ	3.22	49	iP	43 47.54	-2.0
SCM	3.37	34	iP	43 50.98	-0.9
SGAM	3.39	63	eP	43 49.56	-2.4
KLU	3.60	46	iP	43 53.30	-1.7
TOA	3.93	38	eP	43 58.40	-1.3
GLB	4.41	55	iP	44 03.73	-2.6
SNH	4.44	72	eP	44 04.38	-2.3
TTA	4.46	331	eP	44 05.50	-1.6
WAX	4.49	69	eP	44 04.13	-3.3
BALM	4.89	63	iP	44 10.17	-3.1
YAH	5.01	71	eP	44 12.00	-3.0
GYO	5.11	74	iP	44 14.15	-2.0
BCPM	6.01	77	iP	44 25.76	-3.0
COL	6.04	14	eP	44 26.00	-3.3
			e	44 37.00	
			eS	45 31.00	
FBA	6.04	14	eP	44 27.00	-2.3
SDN	6.25	237	eP	44 29.50	-2.6
IMA	7.07	352	eP	44 42.10	-1.6
INK	12.08	33	eP	45 50.00	-1.9
MBC	20.53	21	eP	47 33.00	-3.1
PNT	20.77	104	eP	47 39.00	0.2
	1.0s		14.00nm		4.2mb
EDM	21.72	89	eP	47 45.50	-2.8
SES	24.48	93	eP	48 18.00	2.7
EUR	29.75	116	eP	49 04.00	0.2
	0.9s		2.15nm		3.9mb
BDW	30.34	104	eP	48 57.50	-11.5
MAT	49.71	276	(P)	51 46.00	-2.6
SOD	53.82	1	iP	52 17.00	-2.0
			i	52 30.00	
KJF	57.01	1	eP	52 40.00	-2.2
SUF	58.49	1	iP	52 50.80	-1.7
	0.7s		2.90nm		4.5mb
NB2	59.42	10	P	53 09.60	10.5
	1.0s		3.90nm		
NUR	60.68	2	iP	53 06.00	-1.6
	0.6s		9.10nm		5.1mb
			i	53 18.80	
KBA	73.43	11	iPd	54 41.00	12.7
	0.9s		8.80nm		
KKN	81.63	312	eP	55 13.20	-0.7
	0.5s		8.00nm		5.0mb
PKI	81.77	311	eP	55 13.80	-1.0
DMN	81.86	312	eP	55 14.70	-0.5
SPA	148.94	180	e(PKP)	02 41.20	3.3
	65 obs. associated				

? SEP 22, 1985 07h 48m 59.88± 2.15s
17.105 N ±22.6km 101.753 W ±12.8km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.52	60	eP	49 39.00	-0.6
			IS	50 15.50	
OXM	2.93	42	eP	49 44.50	-1.1
UNM	3.30	47	iP	49 58.70	8.0X
TAC	3.34	46	eP	49 56.00	4.7X
IIC	3.55	41	eP	49 55.00	0.6
VHO	4.80	88	eP	50 12.50	0.5
PBJ	6.12	95	iP	50 35.00	4.6X
			eS	51 48.50	
BHO	18.28	18	eP	53 13.70	1.1
VVO	18.93	15	e(P)	53 11.10	-9.6X
TUL	19.47	15	iPc	53 26.60	-0.3
	0.9s		16.20nm		4.3mb
LRM	29.99	345	eP	55 08.60	0.7
INK	54.99	346	eP	58 29.00	-1.0
MBC	59.87	355	eP	59 09.00	4.7X
	S.D. = 1.0		on 8 of 13 obs.		

• SEP 22, 1985 08h 21m 45.92± 0.75s
28.085 N ± 9.8km 140.943 E ±11.5km
DEPTH = 10.0km (geophysicist)
BONIN ISLANDS REGION (212)

CBI	1.48	132	eP	22 12.00	-0.6
MAT	8.74	345	(P)	23 54.00	-1.3
			eS	25 44.00	
SHK	9.55	314	eP	24 07.00	0.5
PJG	14.88	165	eP	25 28.80	10.7X
GUA	14.94	165	eP	25 29.50	10.6X
	0.8s		65.67nm		
SSE	17.44	285	iP+	25 56.00	5.2X
	8.0s		1.10nm		2.0mb X
	N 10s		1.00um		
			S	29 18.00	
ANP	17.61	265	eP	26 06.00	13.0X
MDJ	18.83	334	Pd	26 06.00	-1.9
			S	29 31.00	
DL2	19.35	309	eP	26 16.00	1.7
			S	29 55.00	
NJ2	19.52	287	Pc	26 19.50	3.2X
			S	29 59.00	
SNY	19.71	319	iPc	26 20.50	2.1
			S	29 58.00	
CN2	20.03	326	Pd	26 20.00	-1.7
			eS	30 02.00	
QZH	20.24	266	eP	26 26.00	1.9
			S	30 20.50	
TIA	21.70	298	eP	26 36.00	-2.9
			eS	30 38.00	
BAG	22.10	243	eP	26 44.00	0.7
WHN	23.30	282	eP	27 00.00	5.2X
BJI	23.65	307	eP	27 00.00	1.9
			eS	31 13.00	
HKC	24.87	263	eP	27 18.00	7.9X
			eS	31 40.00	
GZH	25.36	265	Pc	27 22.00	7.3X
DAV	25.45	218	eP	27 14.00	-1.6
TIY	25.71	299	eP	27 18.00	0.0
			S	31 33.50	
HHC	27.23	306	eP	27 30.80	-1.2
XAN	27.99	290	eP	27 37.70	-1.3
			S	32 29.00	
BTO	28.27	304	eP	27 40.80	-0.7
			S	32 29.00	
QIZ	29.83	259	eP	28 03.00	7.4X
			eS	32 57.50	
CD2	32.39	284	eP	28 18.50	0.4
			eS	33 28.60	
GTA	35.74	299	P	28 46.50	-0.4
			PP	30 06.00	
			S	34 21.00	
CHG	39.46	266	eP	29 20.00	1.8
WMQ	45.11	305	eP	30 04.00	-0.2
WRA	48.17	188	eP	30 27.80	-0.6
NDI	55.44	287	eP	31 23.00	-0.1
			eS	39 06.00	
COL	57.00	29	eP	31 36.00	2.2
LRM	80.90	43	ePc	34 03.30	1.2
ZOBO	150.71	72	iPKP	41 45.00	9.5X
	S.D. = 1.5		on 24 of 34 obs.		

• SEP 22, 1985 09h 47m 47.72± 0.95s
30.264 S ±10.3km 141.472 E ± 9.6km
DEPTH = 33.0km (normal)
NEW SOUTH WALES, AUSTRALIA (601)
ML 3.3 (CMS), 3.2 (STK).

STK	1.62	176	iPc	48 15.40	1.1
			eS	48 35.00	
CMS	3.94	109	iPc	48 47.70	0.3
			eS	49 27.00	
CLV	5.44	230	eP	49 09.00	0.4
			iS	50 08.80	
			iS	50 38.10	
BFD	6.95	173	eP	49 28.00	-1.9
			eS	50 43.00	
YOU	7.09	126	eP•	49 31.50	-0.3
			eS	50 49.20	
WAM	8.57	136	eP•	49 52.90	0.4
WRA	12.13	326	eP	50 41.00	-0.2
			e	51 02.70	
	S.D. = 1.2		on 7 of 7 obs.		

SEP 22, 1985 10h 26m 18.22± 0.51s
24.134 S ± 6.3km 66.943 W ± 9.3km
DEPTH = 202.5 ± 6.6 km
4.3mb (4 obs.)
SALTA PROVINCE, ARGENTINA (129)

SLA	1.45	114	iPc	26 52.30	0.1
			S	27 18.00	
HJA	1.68	57	iPd	26 54.80	0.7
FSA	2.12	157	iPd	26 59.80	1.4
YJA	2.36	34	iPd	27 02.00	0.4
			S	27 35.20	
TPZ	2.89	23	iP	27 09.00	1.5
ANT	3.21	277	iPc	27 09.80	-1.1
			iS	27 46.30	
VCA	4.72	194	ePc	27 30.80	0.9
			S	28 26.00	
CCH	6.76	7	P	27 53.20	-3.2X
			e	28 15.00	
RTLL	7.29	190	ePd	28 01.60	-1.6
RTCB	7.51	192	e(P)	28 04.20	-1.9
LPB	7.64	352	iPd	28 08.30	0.1
	0.8s		67.16nm		4.9mb X
			iS	29 33.20	
ZOBO	7.90	352	iP	28 10.80	-1.0
	0.5s		20.78nm		4.6mb X
PEL	9.56	199	iPc	28 31.70	-0.9
BACH	9.70	198	iPc	28 35.50	1.0
PCH	9.96	197	eP	28 38.20	0.4
CHCH	10.29	198	eP	28 41.50	-0.6
RFA	10.68	187	eP	28 44.40	-2.8X
VBA	14.51	164	ePc	29 32.60	-2.9X
VAO	18.35	91	eP	30 18.90	-1.3
			e	30 39.90	
BAO	19.71	68	ePc	30 33.60	-0.6
BMA	20.96	91	eP	30 46.10	-0.5
SOB1	28.95	64	eP	31 58.30	-2.6

22d 10h

ITR	31.24	66	eP	32	18.40	-2.5
			i	32	18.90	
			e	32	20.00	
SPA	66.01	180	eP	36	46.40	1.5
	0.8s		4.17nm			4.2mb
ALQ	69.68	326	eP	37	09.00	1.0
	0.9s		3.78nm			4.1mb
BUL	86.79	111	iPd	38	43.10	1.9
	0.8s		5.97nm			4.5mb
BNG	87.68	84	iPd	38	47.00	1.5
	0.6s		6.00nm			4.6mb
			i	38	48.80	
KRI	89.02	108	eP	38	53.70	1.7
WRA	131.53	207	Pdiff	42	22.00	20.0X
	1.0s		4.60nm			
GBA	144.80	101	PKP	45	33.50	0.4
	S.D. = 1.4		on 26 of 30 obs.			

* SEP 22, 1985 11h 10m 37.77± 1.85s
22.959 N ±12.1km 121.382 E ±13.8km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWG	0.32	244	iPd	10	44.50	0.1
TWF1	0.43	349	iPd	10	46.00	0.1
			eS	10	52.50	
TWK	0.88	291	iPd	10	54.60	-0.1
			eS	11	08.30	
TWM1	0.89	262	iPd	10	54.80	-0.1
TWO	1.40	339	ePd	11	03.50	0.1
TWC	1.70	14	eP	11	07.50	0.0
TATO	2.01	3	eP	11	12.00	-0.1
ANP	2.22	3	eP	11	18.00	2.8X
	S.D. = 0.1		on 7 of 8 obs.			

* SEP 22, 1985 11h 19m 07.89± 1.76s
24.408 N ± 7.0km 121.867 E ±18.6km
DEPTH = 16.0km (geophysicist)
TAIWAN (244)

TWC	0.20	355	iPd	19	12.00	-0.3
			eS	19	15.00	
TATO	0.66	329	iP	19	20.50	-0.5
TWZ	0.73	339	iPc	19	22.20	-0.1
ANP	0.84	338	iPc	19	25.00	0.9
	0.7s		1095.89nm			
			eS	19	36.00	
TWO	0.95	262	iPc	19	26.00	0.0
TWF1	1.17	207	iPd	19	29.80	0.0
	S.D. = 0.6		on 6 of 6 obs.			

? SEP 22, 1985 12h 06m 46.10± 1.02s
1.062 S ±33.6km 23.823 W ±21.0km
DEPTH = 10.0km (geophysicist)
4.5mb (2 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)

ITR	16.43	242	eP	10	37.60	-0.8
			e	10	41.20	
SOB1	18.82	244	eP	11	09.30	1.0
KIC	20.43	69	eP	11	26.30	-0.1
NB2	67.52	18	P	17	44.80	0.3
	0.9s		2.60nm			4.4mb
ALQ	84.56	305	eP	19	21.00	-0.4
	1.0s		3.25nm			4.5mb
	S.D. = 1.0		on 5 of 5 obs.			

SEP 22, 1985 13h 34m 28.85± 0.81s
7.164 S ± 4.3km 130.352 E ± 5.4km
DEPTH = 75.8 ± 8.4 km
5.0mb (16 obs.)
TANIMBAR ISLANDS REGION (281)

SLKI	1.24	131	iPd	34	51.00	0.0
TLE	2.82	58	iPd	35	04.00	-8.6X
			iS	35	36.00	
AAI	4.07	328	iPc	35	32.00	2.0
			e	38	44.40	
MTN	5.70	172	eP	35	48.00	-4.8X
KNA	8.67	190	eP	36	28.00	-5.9X
	0.3s		110.00nm			6.1mb X
			eS	38	00.00	
MKS	10.99	280	i(P)	37	10.00	4.7X
JAY	11.30	66	ePd	37	06.60	-2.9
	0.5s		27.00nm			5.4mb
			eS	39	11.50	
WRA	13.28	163	Pd	37	28.10	-7.6X
	0.6s		19.60nm			4.9mb
ISQ	16.15	147	eP	38	07.00	-5.7X
			eS	40	57.00	
ASPA	16.76	169	eP	38	15.00	-5.3X
PMG	16.78	99	eP	38	21.00	0.5
MBL	17.24	215	eP	38	21.00	-5.2X
			eS	41	20.00	
TRT	17.58	267	ePd	38	30.70	0.3
KKM	19.26	313	ePd	38	50.70	0.3
CTA	20.07	131	iPc	38	58.80	0.1
	0.8s		22.39nm			4.5mb
NAU	20.94	222	iPd	39	06.80	-0.8
	0.4s		30.00nm			5.0mb
			eS	42	48.00	
MEK	22.37	209	eP	39	21.00	-0.8
	0.5s		31.00nm			5.0mb
			eS	43	19.00	
KLG	24.93	198	eP	39	46.00	-0.5
	0.5s		18.00nm			4.8mb
			eS	44	16.00	
GUA	25.14	35	eP	39	48.80	0.2
	0.8s		47.76nm			5.0mb
PJG	25.16	35	eP	39	49.50	0.8
MRWA	25.77	210	eP	39	54.00	-0.4
	0.5s		14.00nm			4.7mb
			eS	44	37.00	
BAL	26.60	207	eP	40	04.00	2.1X
			eS	45	01.00	
STK	26.73	158	eP	40	03.00	-0.1
KLB	27.00	204	eP	40	05.00	-0.6
			eS	45	05.00	
MUN	27.99	206	eP	40	15.00	0.5
			eS	45	44.00	
NWAO	28.38	204	eP	40	25.00	7.0X
	Z 20s		0.30um			3.9Msz
ADE	28.72	166	e(P)	40	22.20	1.1
BRS	29.28	136	iPc	40	35.20	9.0X
YOU	31.70	151	iPd	40	48.00	0.5
CAN	32.84	151	eP	40	58.60	1.2
PSI	32.86	286	ePd	40	56.50	-1.2
QIZ	32.96	322	eP	40	58.40	-0.1
WAM	33.50	152	eP	40	59.50	-3.6X
KHT	38.31	305	eP	41	44.90	0.9
CHG	40.31	310	iPc	42	01.20	0.6
	1.0s		42.00nm			5.3mb
NJ2	40.51	345	Pc	42	02.80	0.8
WHN	40.51	339	eP	42	03.20	1.2
GYA	40.56	326	Pd	42	03.00	0.3
			PcP	44	05.80	
KMI	41.86	321	eP	42	14.00	0.5
MAT	44.09	9	iPc	42	30.40	-0.9
	0.8s		27.61nm			5.1mb
CD2	45.63	327	eP	42	43.20	-0.4
XAN	45.73	335	Pc	42	43.00	-1.4
BJI	48.76	346	eP	43	08.00	0.1
			ePcP	44	33.00	
SNY	49.15	353	eP	43	11.00	0.2
SHL	49.57	312	eP	43	13.20	-1.4
LZH	49.71	332	eP	43	16.00	0.5
	1.5s		68.00nm			5.5mb
HHC	50.81	342	P	43	23.80	0.1
CN2	50.92	355	iPc	43	23.80	-0.5
			PcP	44	40.00	
MNG	52.18	137	P	43	33.00	-1.0
GTA	54.28	331	iPc	43	50.00	0.3
			PcP	44	54.10	
PKI	55.50	310	ePc	43	58.00	-0.9
	0.6s		20.00nm			5.3mb
KKN	55.71	311	P	43	59.50	-0.8
	0.7s		37.00nm			5.5mb
DMN	55.75	310	P	44	00.00	-0.6
	0.7s		41.00nm			5.6mb
GBA	56.44	291	Pc	44	05.10	-0.3
	0.7s		6.30nm			4.8mb
HYB	56.70	296	eP	44	07.00	-0.3
NDI	62.36	307	eP	44	44.00	-2.0
WMQ	63.72	327	iPd	44	55.00	0.2
SBA	73.13	172	e(P)	45	52.30	-0.2
SPA	82.88	180	eP	46	47.70	1.4
	0.6s		4.07nm			4.5mb
ALQ	121.12	53	ePKP	53	17.00	1.8
	0.9s		4.62nm			
KIC	135.41	272	ePKP	53	44.80	2.0
YJA	146.97	152	ePKPd	54	07.40	3.8X
TPZ	147.47	151	ePKP	54	09.00	4.7X
ARE	148.09	138	ePKP	54	11.00	5.6X
VAO	149.91	185	ePKP	54	14.30	6.6X
UPA	150.36	84	ePKP	54	14.00	5.5X
	1.0s		70.00nm			
ZOBO	150.39	142	ePKP	54	09.00	-0.2
	1.0s		15.00nm			
			i	54	17.00	
CCH	150.66	146	PKPc	54	17.70	8.4X
	S.D. = 1.0		on 50 of 68 obs.			

% SEP 22, 1985 13h 56m 39.99± 1.03s
39.092 N ± 7.4km 27.644 E ±12.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.75	203	ePg	56	54.70	0.0
			iSg	57	06.70	
EZN	1.26	306	iPn	57	03.20	0.0
EDC	1.26	8	iPn	57	03.60	0.2
KCT	1.28	25	ePn	57	03.50	-0.1
KGT	1.38	349	iPn	57	05.10	-0.1
	S.D. = 0.2		on 5 of 5 obs.			

SEP 22, 1985 14h 29m 54.21± 0.39s
42.913 N ± 4.3km 17.621 E ± 3.2km
DEPTH = 23.3 ± 5.2 km
ADRIATIC SEA (382)
ML 5.0 (LJU), 4.7 (KBA). Felt in the Mostar area, Yugoslavia.

BRY	0.68	91	ePg	30	04.40	-3.0
			eSg	30	14.50	
HCY	0.80	125	iPgd	30	07.50	-1.8
			iSg	30	20.00	
NKY	1.02	95	ePg	30	11.50	-1.6
			eSg	30	27.00	
BDV	1.09	125	ePg	30	13.00	-1.1
			eSg	30	30.00	
TTG	1.30	111	iPg	30	17.00	0.0
			iSg	30	37.00	
PLE	1.36	72	ePg	30	17.00	-1.0
			eSg	30	36.50	
ULC	1.53	128	ePn	30	21.60	1.2
			eSn	30	44.00	
IVA	1.67	91	ePg	30	23.20	0.7
			eSg	30	47.00	
PVY	1.76	100	ePn	30	24.70	0.9
			eSn	30	50.00	
BRT	2.06	189	Pn	30	29.00	1.1
LCI	2.59	174	Pn	30	39.00	3.5X
BEO	2.80	46	iPr	30	37.70	-0.8
			iSn	31	12.50	
			iSg	31	22.70	
BEO	2.80	46	iPn	30	37.70	-0.8
			iSn	31	12.50	
			iSg	31	22.70	
OHR	2.97	126	iPn	30	42.00	1.0
SKO	2.98	107	iPnc	30	42.50	1.5
			iSn	31	18.40	
ORI	2.99	198	Pn	30	42.50	1.3
ZAG	3.13	339	ePn	30	41.60	-1.6
			iSn	31	19.80	
			iSg	31	29.20	
AQU	3.16	261	Pn	30	47.00	3.3X
CEY	3.64	322	iPnc	30	51.20	0.7
			iSn	31	30.70	
			iSb	31	35.90	
			iSg	31	49.60	
MNS	3.68	263	Pn	30	52.00	1.0
LJU	3.83	326	iPn	30	54.10	1.0
			i(Sn)	31	36.90	
			iSg	31	59.30	
LJU	3.83	326	iPnd	30	54.50	1.4
			iSn	31	42.00	
TRI	3.93	317	iPn	30	54.50	0.0
			iPg	31	07.50	
			iSn	31	42.00	
			iSg	32	03.50	
VAY	4.01	112	iPn	30	55.50	-0.1
KZN	4.06	129	ePn	30	57.20	0.8
			eSn	31	40.00	
VOY	4.10	321	iPnc	30	57.10	0.0
			i(Sn)	31	38.40	
			iSg	31	59.00	
VTS	4.12	92	iP	30	59.00	1.8
RBL	4.56	322	Pn	31	03.00	-0.6
BUD	4.68	12	iPnc	31	03.80	-1.3
MM8	4.72	104	iPc	31	12.00	6.2X
DEV	4.81	50	ePc	31	14.00	7.0X

SRO	4.93	5	iPn	31	07.60	-1.0
			i(Sn)	32	07.00	
KBA	5.15	325	iPnd	31	12.00	0.0
			iPgPg	31	34.70	
			iSn	32	09.80	
			i	32	24.00	
			iSg	32	39.10	
			i	32	48.10	
VLS	5.24	153	ePn	31	11.10	-2.1
PSZ	5.26	17	iPn	31	10.90	-2.5
ZST	5.30	356	iPn	31	12.70	-1.2
			i(Pb)	31	20.60	
			i(Pg)	31	35.80	
			iSn	32	12.80	
			i(Sb)	32	25.00	
CTI	5.30	300	Pn	31	13.00	-1.0
			Sn	32	13.00	
VKA	5.43	351	iPnd	31	15.00	-0.8
			iPg	31	36.40	
			iSn	32	12.50	
			i	32	36.10	
PVL	5.54	85	iPd	31	18.00	0.7
KMR	5.70	336	iPn-	31	21.40	1.8
			iSn	32	26.60	
BHG	5.86	327	iPnc	31	22.70	0.9
KDZ	5.87	100	eP	31	27.00	5.0X
OGA	6.13	312	iPnd	31	25.00	-0.8
CVF	6.45	270	Pn	31	30.30	0.0
GAP	6.50	317	eP	31	31.00	0.1
MLR	6.51	64	eP	31	36.00	4.8X
OSS	6.52	308	eP+	31	31.30	0.0
JMB	6.62	91	eP	31	32.00	-0.6
KHC	6.83	337	Pn	31	35.00	-0.4
			Pg	31	40.70	
			Sg	32	58.00	
FUR	6.89	322	eP	31	34.60	-1.7
VAI	6.99	298	Pn	31	36.00	-1.8
TMA	7.02	300	eP+	31	36.90	-1.5
WET	7.05	334	eP	31	36.60	-2.0
KRA	7.32	12	eP	31	45.00	2.7X
			e	32	00.60	
			e	32	12.80	
PRU	7.39	344	ePn	31	45.00	1.7
			ePg	31	56.50	
			Sg	33	12.00	
DIX	7.96	297	eP+	31	52.00	0.5
KSP	7.99	354	eP	31	52.00	0.4
			e	33	16.00	
FRF	8.04	278	Pn	31	51.40	-1.1
			Sn	33	12.80	
SLE	8.05	310	eP+	31	51.00	-1.7
GRF	8.10	329	eP	31	51.00	-2.2
Z	15s	0.50um				
			e(S)	33	20.00	
LMR	8.14	277	Pn	31	53.20	-0.6
			Sn	33	20.90	
LPG	8.23	292	Pn	31	54.60	-0.7
			Sn	33	20.40	
LRG	8.25	278	Pn	31	55.10	-0.2
			Sn	33	24.20	
BRG	8.35	344	eP	32	00.00	3.3X
			i	33	34.50	
			i	34	19.50	
			i	34	36.50	
HOF	8.39	334	eP	31	56.20	-1.1
CDR	8.68	279	ePnc	32	01.20	-0.2
			e	33	36.40	
			e	33	45.80	
BUH	8.73	315	eP	31	59.70	-2.3
MOX	8.76	334	ePn	32	02.00	-0.4
	1.3s	34.00nm			5.4mb X	
Z	10s	0.70um			5.0MszX	
E	10s	0.90um				
			e	33	40.00	
CLL	8.97	341	(Pn)	32	07.00	1.8
			(Sg)	34	03.00	
BSF	9.07	307	Pn	32	05.30	-1.5
			Sn	33	42.40	
CDF	9.09	311	Pn	32	06.40	-0.7
HAU	9.41	307	Pn	32	09.60	-1.9
			Sn	33	52.20	
TNS	9.66	322	eP	32	14.50	-0.3
			eS	34	00.00	
WLF	10.41	314	P	32	30.60	5.5X
			e	35	31.00	
SMF	10.48	296	Pn	32	23.00	-3.1X
			Sn	34	12.80	
LBF	10.49	298	Pn	32	22.80	-3.5X
			Sn	34	13.40	
LOR	10.66	299	Pn	32	25.80	-2.8
			Sn	34	19.60	
AVF	10.85	296	Pn	32	27.80	-3.3X
MEM	11.07	318	P	32	38.40	4.4X
			e	34	38.20	
BGF	11.12	294	Pn	32	31.70	-3.2X
			Sn	34	30.60	
ENN	11.21	319	e(Pn)	32	36.50	0.5
CAF	11.40	285	Pn	32	35.30	-3.4X
DOU	11.49	313	P	32	36.00	-3.8X
			S	34	40.80	
WTS	11.65	325	e(Pn)	32	48.50	6.5X
NUR	18.13	11	iP	34	10.00	4.1X
SUF	20.46	11	eP	34	32.00	-0.5
KJF	22.10	12	eP	34	46.00	-3.1X
SOD	24.99	8	eP	35	27.00	9.8X
S.D. = 1.2 on 68 of 88 obs.						

* SEP 22, 1985 16h 38m 31.00± 1.54s
39.517 N ±11.9km 18.530 E ±13.7km
DEPTH = 10.0km (geophysicist)
SOUTHERN ITALY (390)

VLS	2.09	129	ePn	39	06.50	0.0
			eSn	39	36.00	
OHR	2.35	47	iPn	39	09.70	-0.7
KZN	2.61	71	ePn	39	20.00	5.9X
SKO	3.30	41	ePn	39	24.00	0.2
			i	39	30.00	
			iSn	40	02.20	
VAY	3.57	58	iPn	39	28.00	0.4
VOY	7.35	334	ePn	40	21.00	0.0
			e(Sn)	41	45.50	
S.D. = 0.6 on 5 of 6 obs.						

* SEP 22, 1985 17h 33m 20.11± 1.02s
51.005 N ±26.5km 178.988 E ± 8.3km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS (6)

SMY	3.49	302	eP	34	14.00	0.7
COL	22.10	38	eP	38	13.00	-0.7
INK	28.56	35	eP	39	18.00	3.5X
NEW	40.32	68	eP	40	56.00	0.3
EUR	45.80	78	iP	41	41.00	0.5
BDW	47.74	71	eP	41	56.00	0.2
	1.0s	4.00nm			4.4mb	
KMI	62.39	276	eP	43	57.00	14.8X
KKN	71.14	291	eP	44	37.60	0.1
	0.5s	5.00nm			4.8mb	
PKI	71.22	291	eP	44	37.30	-0.9
DMN	71.38	291	eP	44	38.80	-0.2
S.D. = 0.7 on 8 of 10 obs.						

* SEP 22, 1985 17h 59m 08.69± 1.33s
16.510 S ±11.2km 167.337 E ±14.7km
DEPTH = 20.3 ± 10.4 km
4.1mb (3 obs.)
VANUATU ISLANDS (186)

PVC	1.54	143	iPd	59	35.50	0.4
			iS	59	57.10	
KOU	4.96	215	iPc	00	24.30	0.4
			iS	01	21.60	
DZM	5.60	189	iPd	00	32.20	-0.8
			iS	01	36.90	
NOU	5.83	188	iPc	00	36.00	-0.1
			iS	01	42.00	
VSG	10.36	313	eP	01	39.00	-0.3
CTA	20.33	257	iPc	03	47.80	1.3
	0.9s	5.46nm			3.9mb	
MNG	25.04	165	P	04	32.30	-0.7
WRA	31.50	259	Pc	05	30.30	-1.3
	0.9s	2.00nm			4.0mb	
ASPA	32.14	252	eP	05	47.00	9.7X
SBA	61.37	180	e(P)	09	26.10	1.1
SPA	73.59	180	eP	10	42.50	0.3
	1.0s	5.00nm			4.5mb	
S.D. = 1.0 on 10 of 11 obs.						

? SEP 22, 1985 18h 14m 34.22± 1.84s
10.410 S ±26.7km 123.050 E ±13.6km
DEPTH = 131.4 ± 14.6 km
4.6mb (4 obs.)

TIMOR (289)

KUPT	0.60	65	iPd	14	55.00	0.7
MKS	6.26	325	iPc	15	32.40	-33.1X
KNA	7.69	134	eP	16	26.00	1.1
	0.2s	38.00nm			5.6mb X	
			eS	18	04.00	
MTN	8.28	108	eP	16	30.00	-2.8
			eS	18	07.00	
TRT	10.63	284	iPd	16	48.50	-15.6X
MBL	11.13	196	eP	17	01.00	-9.7X
	0.3s	8.00nm			4.9mb	
			eS	19	20.00	
NAU	14.06	210	eP	17	47.00	-1.8
			eS	20	24.00	
WRA	14.43	132	Pc	17	53.60	0.0
	0.5s	5.80nm			4.1mb	
MEK	16.67	194	eP	18	23.00	1.5
	0.6s	32.00nm			4.8mb	
			eS	21	33.00	
ASPA	16.76	143	eP	18	27.00	4.4X
ISO	18.89	125	eP	18	48.00	0.7
MRWA	19.84	198	eP	18	57.00	0.0
	0.5s	11.00nm			4.5mb	
			eS	22	42.00	
BAL	20.94	195	eP	19	08.00	-0.2
			eS	23	09.00	
KLB	21.64	192	eP	19	15.00	-0.1
			eS	23	31.00	
CTA	24.34	116	iPd	19	42.00	0.7
BRS	32.67	125	iPc	20	56.20	0.2
SPA	79.66	180	e(P)	26	23.10	-5.3X
S.D. = 1.4 on 12 of 17 obs.						

SEP 22, 1985 18h 23m 12.27± 0.11s
12.510 N ± 2.5km 44.316 W ± 2.1km
DEPTH = 10.0km (geophysicist)
5.7mb (94 obs.) 5.5Msz (21 obs.)
NORTH ATLANTIC RIDGE (403)
Ms 5.8 (BRK).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 30C
Centroid Location:
Origin Time 10:23:19.3 0.2
Lat 12.46N 0.03 Lon 44.47W 0.04
Dep 10.0 FIX Half-duration 2.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 3.82 0.08 Mtt= 0.53 0.14
Mff=-4.35 0.15 Mrt=-0.76 0.30
Mrf= 2.51 0.45 Mtf=-0.25 0.08
Principal Axes:
T Val= 4.68 Plg=71 Azm=235
N 0.38 11 357
P -5.06 16 90
Best Double Couple:Mo=4.9*10**24
NP1:Strike=196 Dip=31 Slip= 111
NP2: 352 62 78

TRN	16.84	265	eP	27	09.70	-0.1
	0.9s	160.70nm			5.2mb	
ATB	17.55	207	Pd	27	18.50	-0.2
GUV	19.06	258	iPd	27	36.70	-0.7
CUM	19.56	266	iPd	27	43.50	0.1
CAI	20.21	159	eP	27	48.80	-1.5
SJG	21.77	288	iPc	28	06.10	-0.2
	0.9s	151.26nm			5.4mb	
Z	19s	13.89um			5.4Msz	
SOB1	21.84	171	iPd	28	07.30	0.3
			i	28	26.30	
			i	28	34.60	
ITR	21.93	164	ePc	28	07.00	-0.8
			i	28	10.80	
			e	28	17.80	
			i	28	29.20	
CAR	22.25	267	eP	28	11.80	0.7
SDV	26.10	265	eP	28	48.50	0.1
UAV	26.65	264	eP	28	54.80	1.3
BMG	28.84	262	eP	29	29.00	15.7X
			eS	34	29.00	
FUQ	29.87	259	eP	29	24.00	1.2
PSO	34.59	254	eP	30	04.50	0.3
UPA	34.76	268	eP	30	06.50	1.3
	1.9s	421.05nm			6.0mb	
Z	20s	3.90um			5.1Msz	
BMA	34.99	180	eP	30	19.70	12.7X
VAO	35.39	184	eP	30	11.50	1.1

22d 18h

STJ		35.66	350	eP	30	12.50	0.1	JACH		51.48	209	eP	32	19.50	-0.7	LLS		56.16	41	eP+	32	54.80	0.1
CCH		36.70	216	P	30	23.20	1.3	VVO		51.55	305	eP	32	20.40	-0.3	STB		56.20	37	iPc	32	54.80	0.1
ZOBO		37.04	220	iP	30	26.00	1.0	TCF		51.61	40	iPc	32	21.50	0.5	BUH		56.30	39	eP	32	54.80	-0.8
				iS	36	18.00		LHC		51.62	323	eP	32	21.00	0.0	SAX		56.51	41	eP+	32	57.10	-0.3
LPB		37.22	220	eP	30	27.00	0.6	TUL		51.72	306	iPc	32	21.60	-0.4	BNS		56.55	36	iPc	32	57.10	-0.1
		1.6s	466.67nm			6.0mb				1.0s	128.90nm			5.8mb		WTS		56.76	35	iPc	32	58.80	0.1
	Z	20s	17.73um			5.9Msz			Z	19s	11.00um			5.9Msz		OSS		56.85	42	eP+	32	59.20	-0.5
				iS	36	18.00			N	22s	2.43um					TNS		57.01	38	eP	33	00.00	-0.6
				LR	40	38.00			E	22s	5.46um					WIT		57.03	34	eP	33	02.50	1.9
MIM		38.83	332	P	30	40.00	0.9					iS	39	18.00		LTX		57.34	297	iP	33	02.00	-1.4
HNME		39.07	334	eP	30	42.00	0.9	MZF		51.81	40	eP	32	22.80	0.2			1.5s	88.57nm			5.6mb	
NA2		39.19	317	P	30	42.40	0.2			1.7s	214.90nm			5.8mb			Z	22s	2.81um			5.3Msz	
ARE		39.38	224	eP	30	44.00	-0.3	FCH		51.88	208	iP	32	23.20	-0.3	OGA		57.48	42	eP	33	03.00	-1.2
		1.7s	123.08nm			5.3mb		PEL		51.91	208	iPc	32	22.30	-1.1	GAP		57.69	41	eP	33	04.80	-0.6
BNH		39.41	329	P	30	45.40	1.4	ROCH		51.91	209	iP	32	22.80	-0.9			1.3s	57.00nm			5.4mb	
KIC		39.48	95	eP	30	44.30	-0.7	BACH		51.99	208	iP	32	23.50	-0.6	FUR		58.04	41	eP	33	07.50	-0.3
		1.3s	184.00nm			5.6mb		BGF		52.12	40	iPc	32	25.10	0.2			1.3s	143.00nm			5.8mb	
AVE		39.50	52	iP	30	46.00	1.1	SAN		52.15	208	eP	32	25.00	-0.2	GRF		58.50	39	eP	33	09.90	-1.1
CVL		39.60	316	P	30	45.50	-0.1	PCH		52.23	208	iP	32	25.60	-0.3			2.3s	289.00nm			5.9mb	
TPZ		39.77	212	iP	30	49.30	1.7	RFA		52.31	205	ePc	32	25.60	-0.9		Z	22s	3.00um			5.4Msz	
YJA		40.24	211	ePc	30	52.50	0.9	AVF		52.54	40	iPc	32	28.20	0.2	BHG		58.94	41	eP	33	13.20	-0.9
LIS		40.66	44	iPd	30	55.70	1.4			1.6s	177.40nm			5.7mb		TRI		58.98	44	iPc	33	13.50	-0.9
PRM		40.68	308	eP	30	55.80	1.2	SSF		52.75	40	iPc	32	29.80	0.3					iPP	35	22.00	
RSNY		41.07	327	P	30	58.60	0.9			1.6s	157.90nm			5.7mb						eS	41	12.00	
		1.1s	34.88nm			5.0mb		SMF		52.78	40	iPc	32	30.10	0.2					iSP	41	36.00	
	Z	22s	5.82um			5.4Msz				1.3s	83.00nm			5.5mb						eSS	44	56.00	
GFM		41.09	311	P	30	58.90	0.8	CDR		52.93	44	ePc	32	31.20	0.2					iSSS	47	44.00	
MNT		41.25	329	iPc	30	59.70	0.7					e	32	58.00		MOX		59.05	38	ePc	33	14.00	-0.8
IFR		41.35	53	iP	31	01.50	1.1					e	34	29.40				2.5s	429.00nm			6.1mb	
OTT		42.26	307	ePc	31	08.30	0.9	LBF		53.01	40	iPc	32	31.50	-0.1	KBA		59.06	42	iPc	33	14.10	-1.1
		1.0s	49.00nm			5.2mb				1.2s	54.30nm			5.4mb				1.2s	76.00nm			5.7mb	
PTO		42.27	41	eP	31	08.70	1.2	LOR		53.05	39	iPc	32	31.70	-0.1					ic	33	16.40	
				eS	37	30.00				1.5s	153.50nm			5.7mb						i	33	23.20	
SLA		42.39	209	ePd	31	08.60	-0.3	LRG		53.26	45	eP	32	33.90	0.5	HOF		59.10	38	iPc	33	14.60	-0.6
MAL		43.11	49	iP+	31	16.00	1.5			1.5s	104.40nm			5.6mb		VOY		59.15	44	eP	33	15.20	-0.5
				iS	37	44.00		LMR		53.32	45	eP	32	34.00	0.2					i	33	36.80	
				iSS	41	05.00				1.4s	73.10nm			5.5mb		WET		59.35	40	eP	33	16.30	-0.7
RSCP		43.71	309	iP	31	20.50	1.1	ESK		53.33	28	eP	32	34.00	0.3		Z	19s	1.40um			5.1Msz	
		1.8s	321.07nm			5.8mb		EAB		53.36	27	ePc	32	33.20	-0.7	LJU		59.58	44	ePc	33	18.10	-0.5
FSA		43.79	239	iPd	31	19.00	-1.0			1.3s	113.00nm			5.7mb						eS	41	33.00	
TAF		43.91	52	iP	31	16.00	-5.1X	EKA		53.36	28	Pd	32	33.80	-0.1					e	42	18.00	
ANT		44.12	215	eP	31	22.00	-0.8			1.1s	67.40nm			5.5mb		RSSD		59.74	314	eP	33	19.30	-0.7
				eS	37	54.00		FRF		53.49	45	eP	32	35.30	0.2			1.2s	44.83nm			5.5mb	
ALM		44.61	50	eP	31	27.20	0.6			1.1s	47.70nm			5.4mb		KHC		59.79	40	iPc	33	19.00	-1.0
				e	31	37.60		EAU		53.54	27	iPc	32	34.80	-0.4			1.0s	53.50nm			5.6mb	
TOL		44.70	45	eP	31	28.00	0.7			1.2s	277.00nm			6.0mb			Z	18s	1.10um			5.0Msz	
				i	31	37.00		EBL		53.68	28	iPc	32	35.80	-0.4		N	18s	1.00um				
				ePP	33	45.00				1.3s	211.00nm			6.0mb			E	18s	1.10um				
				iS	38	04.00		EDI		53.71	27	ePc	32	35.80	-0.6	LD		59.79	309	eP	33	20.50	0.1
SCH		45.75	342	ePd	31	36.10	0.6			1.3s	120.00nm			5.7mb				1.5s	131.25nm			5.8mb	
		1.1s	74.00nm			5.6mb		EBH		53.76	27	ePc	32	36.10	-0.7		Z	22s	10.43um			5.9Msz	
LGR		46.89	43	iPc	31	47.00	2.3	ELO		53.81	27	ePc	32	36.40	-0.8	KMR		59.84	41	iP+	33	20.30	0.0
				iPP	33	35.50				1.2s	79.00nm			5.6mb		MUD		59.90	31	iPd	33	22.30	1.8
				eS	38	38.00		FRB		53.93	347	eP	32	36.00	-1.9			1.1s	110.00nm			5.9mb	
ELC		47.04	310	P	31	46.10	0.2			1.2s	108.00nm			5.7mb		GOL		59.90	309	eP	33	20.80	-0.4
VCA		47.06	209	ePc	31	46.00	-0.3	ESY		53.96	28	ePc	32	37.30	-1.0			1.8s	154.76nm			5.8mb	
FVM		48.17	310	iP	31	55.00	0.2	EDU		54.16	27	ePc	32	39.50	-0.2		Z	22s	8.82um			5.9Msz	
		1.5s	146.34nm			5.8mb		LPG		54.22	42	iPc	32	41.60	0.8	CLL		60.10	38	iPc	33	21.50	-0.5
EBR		48.24	46	eP	31	57.00	1.7			1.6s	93.20nm			5.6mb				2.5s	260.00nm			5.9mb	
				eS	39	01.00		DOU		54.69	37	P	32	43.40	-0.4	ALQ		60.16	303	eP	33	22.00	-1.0
EPF		49.03	43	iPc	32	02.60	1.2			1.0s	83.30nm			5.7mb				1.5s	72.92nm			5.6mb	
RTLL		49.37	207	ePd	32	04.10	0.0		Z	22s	3.00um			5.3Msz			Z	20s	16.13um			6.2Msz	
MLS		49.49	43	iPc	32	06.10	1.2					S	40	27.00		ZAG		60.51	44	eP	33	23.80	-1.1
RTCB		49.65	208	ePc	32	06.10	-0.2	SNF		54.69	36	P	32	43.10	-0.7					e(S)	42	00.00	
ECB		49.84	29	iPc	32	07.30	-0.1	CVF		54.73	46	eP	32	44.10	-0.2	BRG		60.53	38	iP	33	24.90	0.0
ECP		49.93	30	iPc	32	04.00	-4.0X			1.0s	36.50nm			5.4mb				2.6s	300.00nm			6.0mb	
		1.3s	250.00nm			6.0mb		DIX		54.86	42	eP+	32	45.90	0.4		Z	24s	5.00um			5.6MszX	
LFF		50.09	41	eP	32	09.90	0.4	UCC		54.86	36	Pc	32	45.00	0.0		N	24s	3.00um				
		1.6s	95.60nm			5.5mb						S	40	40.00			E	24s	4.50um				
LPO		50.28	41	eP	32	11.50	0.6	HAU		54.89	39	eP	32	45.00	-0.3					i	33	34.50	
		1.6s	236.30nm			5.9mb				1.2s	61.80nm			5.5mb						i	34	19.00	
MFF		50.29	39	iPc	32	11.70	0.7	BSF		55.10	40	eP	32	46.50	-0.5					e	37	11.50	
		1.3s	202.10nm			5.9mb				1.3s	109.60nm			5.7mb						i	41	48.00	
LPF		50.45	37	iPc	32	12.80	0.7	MMK		55.21	42	eP+	32	48.60	0.6	BRN		60.57	36	eP	33	26.00	0.8
BHO		50.64	304	eP	32	11.30	-2.5	RSON		55.29	324	eP	32	46.60	-1.6	PRU		60.63	39	Pc	33	25.50	-0.2
		1.8s	55.70nm			5.2mb				2.0s	94.34nm			5.5mb				2.5s	294.10nm			6.0mb	
GRR		50.73	36	iPc	32	14.80	0.5	WLF		55.42	37	Pc	32	48.60	-0.5		Z	21s	2.70um			5.4Msz	
		1.2s	99.50nm			5.6mb		CDF		55.62	39	eP	32	50.20	-0.5		N	19s	1.20um				
RJF		50.75	41	eP	32	14.60	0.1			1.6s	111.90nm			5.6mb			E	22s	1.90um				
		1.5s	104.40nm			5.6mb		MEM		55.73	36	P	32	51.20	0.0					S	41	44.00	
CAF		50.94	41	iPc	32	16.20	0.2	ENN		55.74	36	iPc	32	51.20	-0.2	BRL		60.64	36	eP	33	26.00	0.4
		1.3s	115.50nm			5.7mb				1.1s	61.00nm			5.5mb		COP		61.27	33	ePc	33	28.00	-1.9
FLN		51.13	36	iPc	32	17.70	0.4	TMA		55.83	42	eP+	32	51.60	-0.7			1.0s	120.60nm			6.0mb	
		1.2s	101.60nm			5.6mb		ZUL		55.98	41	eP+	32	53.40	0.2		Z	22s	2.04um			5.2Msz	
LSF		51.17	40	iPc	32	18.10	0.5	AKU		56.04	13	iP	32	54.50	1.2					iS	41	55.00	
LDF		51.26	36	iPc	32	18.60	0.3			1.1s	75.95nm			5.6mb		VKA		61.31	42	iPc	33	29.70	-0.6
		1.3s	122.70nm			5.7mb		SLE		56.14	40	eP+	32	54.00	-0.4			3.4s	913.00nm			6.3mb X	

Z 15s 1.50um 5.3MszX
KONO 61.48 28 iPd 33 31.40 0.2
ZST 61.80 42 eP 33 32.80 -0.9
i 33 42.20
i 36 55.60
KSP 61.95 39 iPc 33 33.50 -1.1
1.6s 138.00nm 5.9mb
SRO 62.51 42 iP 33 36.80 -1.6
N 18s 1.80um
E 20s 1.50um
i 33 45.70
BNG 62.57 91 iPc 33 39.10 -0.3
0.7s 36.00nm 5.7mb
i 33 44.20
i 34 41.10
NB2 62.81 27 P 33 39.60 -0.6
1.4s 107.40nm 5.8mb
BUD 62.91 43 iPc 33 41.00 0.0
OHR 63.16 50 eP 33 41.80 -1.1
ePcP 34 12.00
BDW 63.47 312 iP 33 43.80 -1.4
1.2s 46.67nm 5.5mb
HFS 63.56 28 iPc 33 44.50 -0.6
0.8s 78.60nm 6.0mb
Z 16s 2.05um 5.4MszX
LR 53 02.00
PSZ 63.57 43 eP 33 45.50 0.0
SKO 63.74 49 iPc 33 46.00 -0.6
i 33 55.00
iPcP 34 16.60
iS 42 16.00
KZN 63.81 51 ePd 33 47.50 0.3
KRA 64.03 40 ePc 33 48.60 0.3
1.2s 142.00nm 6.0mb
Z 20s 2.80um 5.4Msz
N 20s 1.10um
E 20s 2.80um
e 33 51.00
i 33 58.00
eS 42 30.00
VAY 64.51 50 iP 33 51.60 -0.1
CLO 65.11 40 iPc 33 56.00 0.5
VTS 65.11 49 iP 33 56.00 0.5
ATH 65.13 54 ePc 33 56.00 0.3
eS 42 38.00
UPP 65.32 29 iP 33 55.70 -0.7
iS 42 40.00
MMB 65.40 50 iPc 33 58.00 0.5
DAG 65.65 6 iPd 33 57.80 -0.6
0.8s 24.63nm 5.4mb
i 34 04.00
SES 65.65 320 iPc 33 58.20 -0.7
1.1s 367.00nm 6.5mb
LRM 65.91 315 eP 34 00.50 -0.4
NPS 66.55 57 eP 34 06.10 1.2
PVL 66.60 48 iPc 34 05.00 -0.1
KDZ 66.62 50 eP 34 06.00 0.8
GLA 67.02 301 eP 34 08.00 0.0
PRK 67.19 53 eP 34 09.30 0.4
EZN 67.26 52 eP 34 07.00 -2.3
MLR 67.36 46 iPd 34 10.00 0.0
EDM 67.54 323 iPc 34 10.20 -0.7
1.1s 127.00nm 6.0mb
JMB 67.59 49 eP 34 11.00 -0.3
IZM 67.94 54 eP 34 13.70 0.0
CLX 68.00 317 iPc 34 13.70 -0.4
EUR 68.03 308 iP 34 14.20 -0.3
0.7s 11.15nm 5.2mb
KGT 68.03 51 eP 34 15.30 1.1
RXF 68.06 318 iPc 34 14.10 -0.2
LDM 68.15 317 iPc 34 14.50 -0.3
LHD 68.29 317 iPc 34 15.90 0.2
YKM 68.45 318 iPc 34 16.30 -0.5
EDC 68.46 51 iP 34 16.60 -0.2
GSC 68.64 303 eP 34 18.00 -0.2
PLM 68.72 301 eP 34 19.00 0.2
YER 68.73 55 eP 34 18.00 -0.6
PSN 68.83 48 iPd 34 19.00 0.0
KCT 68.83 52 eP 34 19.00 -0.2
NUR 68.87 30 iP 34 18.80 -0.1
0.8s 13.20nm 5.2mb
Z 25s 1.30um 5.1MszX
eS 43 24.00
eSS 47 36.00
LR 58 00.00
SDW 68.87 302 P 34 19.60 -0.1
BMN 69.01 309 iP 34 20.20 -0.3
RVR 69.13 302 eP 34 21.00 -0.1
CLC 69.28 304 eP 34 22.00 -0.1
NEW 69.33 317 iPc 34 22.10 0.0
1.0s 52.00nm 5.7mb
ISK 69.38 51 eP 34 21.00 -1.5
VPEM 69.46 304 P 34 23.60 0.3
SBB 69.49 302 iP+ 34 23.00 -0.4
WIN 69.53 120 iPd 34 23.50 -0.4
1.3s 63.46nm 5.6mb
MWC 69.69 302 eP 34 25.00 0.2
MNA 69.72 306 ePc 34 24.80 0.0
PAS 69.79 302 eP 34 25.00 -0.1
HRT 69.84 51 eP 34 24.80 -0.6
YKC 69.84 332 eP 34 23.00 -1.9
1.0s 22.00nm 5.3mb
RSNT 69.90 332 P 34 23.60 -1.6
1.1s 23.26nm 5.2mb
YKA 69.91 332 eP 34 25.60 0.4
SUF 70.03 28 eP 34 26.00 0.0
0.7s 6.80nm 4.9mb
ELL 70.03 55 iP 34 27.60 1.1
GPA 70.33 52 eP 34 25.50 -2.8
ALE 70.41 358 iPc 34 27.10 -0.9
1.3s 196.00nm 6.1mb
BCK 70.57 55 iP 34 29.10 -0.8
FRI 70.97 305 eP 34 31.30 -0.9
KJF 71.01 26 eP 34 32.00 0.0
1.3s 90.50nm 5.7mb
e 34 41.00
eS 43 56.00
PNT 71.04 318 iPc 34 32.30 -0.2
1.4s 127.00nm 5.9mb
KDE 71.17 51 eP 34 29.00 -4.4X
SOD 71.23 23 iP 34 32.70 -0.5
SYP 71.27 302 eP 34 37.00 2.7
JAS1 71.51 306 iPc 34 35.80 0.3
HLW 71.53 63 eP 34 36.00 0.2
eS 43 59.00
KBS 71.57 10 iPd 34 40.80 5.7X
PRI 71.76 304 ePc 34 37.00 -0.2
KEV 71.90 20 iP 34 37.40 0.2
0.8s 39.60nm 5.6mb
eS 44 00.00
LLA 71.97 305 ePc 34 38.80 0.5
ORV 72.30 308 iPc 34 40.30 0.1
PRS 72.33 304 ePc 34 41.50 1.1
MIN 72.36 309 eP 34 42.00 1.3
ARN 72.41 305 iP 34 42.00 1.1
MHC 72.50 305 eP 34 42.30 0.7
BKS 72.94 306 eP 34 44.60 0.6
Z 20s 5.00um 5.8Msz
N 20s 4.30um
E 20s 2.10um
eS 44 36.00
eLR 58 00.00
WDC 73.07 309 ePc 34 43.00 -1.7
PGC 73.55 317 eP 34 46.00 -1.3
LWI 74.03 96 iPc 34 51.70 0.7
FHC 74.15 309 ePc 34 52.30 1.3
MBC 74.38 346 iPc 34 52.30 0.7
1.1s 109.00nm 5.8mb
PRNI 74.65 62 iP 34 55.50 1.4
JER 74.68 60 iPc 34 55.50 1.2
eS 44 36.00
BHL 74.87 58 P 34 56.00 0.6
HRI 75.00 59 eP 34 57.00 0.8
PHC 76.08 319 eP 35 02.50 0.7
LSZ 76.88 109 iP 35 08.10 1.1
INK 78.18 338 ePc 35 12.50 -0.6
1.1s 60.00nm 5.6mb
KRI 78.64 110 iPc 35 17.00 0.3
BUL 78.72 114 iPc 35 17.20 0.1
1.0s 21.50nm 5.1mb
RTB 78.84 58 ePd 35 19.00 1.5
e 45 23.50
BFS 79.30 121 iPc 35 20.00 -0.2
1.4s 186.05nm 5.9mb
SLR 80.18 119 iPc 35 25.60 0.6
1.2s 132.81nm 5.8mb
Z 22s 4.44um 5.8Msz
MTD 80.43 110 iPc 35 30.00 3.6X
EVA 81.11 120 iPd 35 32.20 2.3
1.3s 107.69nm 5.7mb
AAE 81.39 83 eP 35 34.50 2.8X
NAI 81.61 93 iPc 35 36.00 3.2X
1.0s 28.00nm 5.3mb
TET 82.10 108 iP 35 40.00 5.0X
e 37 09.00
BHD 82.18 58 ePc 35 38.00 2.9X
KER 84.21 56 eP 35 49.00 3.2X
COL 84.40 335 iPc 35 46.90 1.0
0.9s 59.66nm 5.8mb
Z 19s 2.43um 5.6Msz
eS 46 10.00
FBA 84.40 335 P 35 46.30 0.4
1.0s 60.00nm 5.8mb
PME 85.95 332 eP 35 54.50 0.8
1.5s 201.40nm 6.1mb
IMA 86.31 337 eP 35 56.20 0.6
TEH 87.35 54 eP 35 49.00 -12.3X
SNA 87.51 167 eP 36 01.60 0.6
TTA 88.50 335 P 36 04.90 -1.3
1.4s 113.64nm 6.0mb
SBA 112.80 187 e(PKP) 41 50.00 -0.2
Z 20s 1.21um 5.5Msz
KKN 116.85 50 ePKP 41 59.30 -0.4
PKI 117.06 50 ePKP 41 58.60 -1.7
LZH 123.08 31 ePKP 42 10.00 -1.3
BJI 124.67 18 ePKP 42 14.00 0.0
MAT 131.16 357 ePKP 42 26.00 -0.6
Z 20s 0.89um 5.5Msz
CHG 132.24 50 ePKP 42 30.00 0.9
PSI 140.49 70 ePKPc 42 39.40 -5.3X
IPM 141.60 66 ePKPd 42 44.00 -2.7X
PPI 143.02 74 ePKP 42 46.00 -3.1X
KGM 144.77 68 ePKPd 42 52.00 -0.1
BAG 147.62 28 ePKP 42 56.50 -0.4
TAU 148.08 196 ePKP 43 01.00 4.4X
NOU 149.13 247 iPKPd 43 04.90 6.0X
KOU 151.48 250 iPKPc 43 06.40 3.9X
KKM 153.27 47 ePKPd 43 06.50 1.1
CAN 154.29 206 ePKP 43 16.10 10.0X
YOU 155.44 206 ePKP 43 17.30 9.6X
DAV 158.09 28 ePKP 43 16.00 4.4X
BRS 158.20 225 ePKP 43 03.00 -8.4X
CTA 167.37 232 ePKP 43 21.00 0.7
WRA 172.50 170 PKPc 43 23.10 0.1
1.4s 27.40nm
S.D. = 0.8 on 275 of 298 obs.

% SEP 22, 1985 18h 44m 27.57± 1.27s
39.023 N ± 7.8km 30.325 E ±14.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA 1.26 359 iPn 44 50.50 -0.6
BCK 1.57 172 ePn 44 56.10 0.4
HRT 1.87 345 ePn 45 02.80 2.9X
KCT 1.95 309 ePn 44 59.90 -1.2
ISK 2.26 335 ePn 45 11.00 5.5X
EDC 2.31 306 ePn 45 08.10 1.8
IZM 2.48 256 iPn 45 07.70 -0.9
YER 2.48 221 iPn 45 08.40 -0.3
KGT 2.73 302 ePn 45 13.00 0.7
S.D. = 1.3 on 7 of 9 obs.

& SEP 22, 1985 19h 07m 04.85s
61.164 N 150.214 W
DEPTH = 42.1km
SOUTHERN ALASKA (2)
<AGS-P>. ML 3.1 (PMR). Felt at Anchorage.

PMS 0.33 75 eP 07 13.00 -0.7
SUA 0.39 320 iP 07 14.19 -0.3
iS 07 21.80
PWA 0.51 18 eP 07 15.20 -0.7
PTE 0.65 117 iP 07 17.20 -0.5
iS 07 27.80
SLKM 0.66 180 iP 07 16.72 -1.2
iS 07 26.32
PLRM 0.66 50 eP 07 17.25 -0.8
PMR 0.68 50 eP 07 17.25 -0.8
iS 07 27.20
PME 0.74 50 eP 07 18.20 -0.7
MPA 0.80 148 iP 07 18.92 -0.8
iS 07 31.00
GHO 0.87 45 iP 07 20.35 -0.5
iS 07 32.80
CGLM 0.88 280 iP 07 20.30 -0.7
KNK 0.88 73 iP 07 20.50 -0.5
iS 07 32.90
SPU 0.89 272 iP 07 20.20 -0.9
iS 07 32.65

22d 19h

CRP 0.95 277 iP 07 21.45 -0.6
PWL 0.97 108 iP 07 21.50 -0.6
SKT 1.03 323 iP 07 22.85 -0.3
iS 07 37.35
SML 1.11 54 iP 07 23.63 -0.6
iS 07 39.60
SEW 1.13 160 eP 07 23.30 -1.1
CFI 1.19 88 iP 07 24.87 -0.3
iS 07 42.00
RDT 1.23 242 iP 07 25.00 -0.9
iS 07 42.40
SCM 1.54 63 eP 07 30.50 0.2
GLI 1.55 99 iP 07 29.05 -1.3
ILM 1.62 234 eP 07 30.65 -0.7
CNPM 1.72 198 iP 07 32.05 -0.8
VLZ 1.88 89 iP 07 32.73 -2.4
iS 07 53.98
KLU 2.10 79 iP 07 37.10 -1.2
TOA 2.15 52 eP 07 38.50 -0.5
SVW 2.62 271 eP 07 44.50 -1.2
TTA 3.25 306 eP 07 53.80 -0.9
COL 3.91 15 eP 08 04.00 0.1
FBA 3.91 15 eP 08 04.50 0.6
31 obs. associated

% SEP 22, 1985 19h 18m 57.29± 1.15s
38.994 N ± 8.5km 30.039 E ±16.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BCK 1.59 164 iPn 19 25.10 -0.5
KCT 1.81 314 ePn 19 28.30 -0.4
HRT 1.85 351 ePn 19 30.00 0.7
EDC 2.15 310 ePn 19 36.60 2.9X
ISK 2.20 340 ePn 19 39.00 4.6X
YER 2.32 217 iPn 19 36.90 0.8
KGT 2.56 305 ePn 19 39.00 -0.5
S.D. = 0.9 on 5 of 7 obs.

• SEP 22, 1985 20h 29m 22.61± 1.13s
12.421 S ±11.6km 166.672 E ±16.1km
DEPTH = 33.0km (normal)
SANTA CRUZ ISLANDS (184)

HNR 7.24 294 eP 31 09.00 0.1
eS 32 24.00
SVO 7.48 295 P 31 12.00 -0.2
eS 32 29.00
VSG 7.53 294 eP 31 13.00 0.1
eS 32 33.00
KOU 8.41 195 iPc 31 24.20 -1.0
iS 32 53.80
DZM 9.60 181 iPc 31 41.90 0.2
NOU 9.84 181 iPc 31 46.00 1.1
iS 33 46.90
BRS 19.78 219 eP 33 58.00 4.9X
CTA 21.02 246 iPd 34 15.00 9.0X
WAM 28.59 271 iPd 35 27.10 9.3X
i 41 29.50
SPA 77.66 180 e(P) 41 16.60 -0.8
SDB1 145.18 127 ePKP 48 58.70 -0.8
BNG 147.52 259 iPKPd 49 04.60 1.2
0.4s 6.00nm
i 49 07.20
S.D. = 0.9 on 9 of 12 obs.

• SEP 22, 1985 21h 16m 36.48± 1.90s
18.035 N ±17.6km 103.524 W ±15.0km
DEPTH = 33.0km (normal)
4.1mb (2 obs.)
NEAR COAST OF MICHOACAN, MEXICO (56)

OXM 3.85 70 iP 17 36.00 0.9
III 3.87 84 iP 17 38.00 2.6X
iS 18 15.50
TPM 4.34 77 eP 17 37.00 -5.0X
IIC 4.39 66 eP 17 47.00 4.1X
PUE 5.15 78 iP 18 17.10 23.5X
VHO 6.52 96 iP 18 12.50 -0.4
PBJ 7.92 100 iP 18 32.00 -0.2
JCT 12.84 15 eP 19 38.10 -1.4
1.2s 58.59nm 5.5mb X
ALQ 17.04 352 eP 20 38.00 3.9X
1.0s 4.00nm 3.5mb
BHO 18.02 24 eP 20 46.50 0.5
TUL 19.08 20 eP 20 59.40 0.4
0.8s 33.30nm 4.6mb

MWC 20.70 324 eP 21 17.00 0.3
GSC 20.86 328 eP 21 23.00 4.8X
SBB 20.92 325 eP 21 32.00 13.2X
S.D. = 0.9 on 7 of 14 obs.

• SEP 22, 1985 21h 18m 18.34± 0.57s
3.802 N ± 8.0km 126.536 E ±15.7km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
TALAUD ISLANDS (263)

GZH 23.03 328 eP 23 22.50 0.8
WRA 24.81 162 Pd 23 39.30 0.3
0.7s 13.80nm 4.6mb
CHG 30.82 301 eP 24 34.50 0.8
MEK 31.21 194 eP 24 37.00 0.0
0.5s 10.00nm 4.9mb
XAN 34.27 333 P 25 02.40 -1.2
TIY 36.14 341 eP 25 19.30 -0.2
BJI 37.27 347 eP 25 29.00 0.1
SNY 37.95 356 Pd 25 35.80 1.2
SHL 39.68 306 eP 25 49.00 -0.5
CN2 39.84 359 eP 25 50.00 -0.4
BRS 40.03 142 eP 25 39.00 -13.2X
GTA 42.94 329 P 26 16.40 0.4
GBA 49.41 285 P 27 07.30 -0.1
SUF 91.40 333 iP 31 22.20 0.1
SLL 97.91 333 eP 31 51.60 -0.4
0.6s 2.50nm 4.9mb
NB2 98.64 334 P 31 54.40 -0.9
0.7s 1.70nm 4.7mb
S.D. = 0.7 on 15 of 16 obs.

& SEP 22, 1985 22h 04m 13.61s
62.541 N 150.168 W
DEPTH = 79.1km
CENTRAL ALASKA (1)
<AGS-P>.

SKT 0.85 229 iP 04 30.85 -0.3
GHO 0.97 142 iP 04 31.58 -1.0
PME 1.06 149 eP 04 33.04 -0.6
iS 04 48.14
PLRM 1.07 152 iP 04 32.62 -1.1
iS 04 47.72
SUA 1.11 194 iP 04 33.68 -0.7
iS 04 49.95
SML 1.13 130 iP 04 33.82 -0.7
PMS 1.33 167 iP 04 36.58 -0.6
iS 04 53.44
KNK 1.39 144 iP 04 37.19 -0.7
iS 04 55.34
CGLM 1.51 216 eP 04 39.86 0.3
SPU 1.63 214 eP 04 41.21 0.1
eS 05 01.94
PTE 1.77 162 eP 04 41.73 -1.1
eS 05 01.67
CFI 1.78 139 iP 04 42.43 -0.5
TOA 1.92 101 iP 04 45.86 0.9
SLKM 2.04 181 eP 04 46.91 0.3
MPA 2.10 169 eP 04 47.38 0.1
RDT 2.25 209 eP 04 49.99 0.5
KLU 2.26 116 iP 04 48.85 -0.9
VZW 2.27 129 eP 04 48.66 -1.1
18 obs. associated

? SEP 22, 1985 22h 10m 05.63± 0.64s
22.241 S ±11.0km 173.897 E ±12.5km
DEPTH = 33.0km (normal)
LOYALTY ISLANDS REGION (189)

NOU 6.90 268 iPc 11 51.50 4.4X
iS 13 13.50
DZM 6.91 270 iPd 11 47.50 0.1
iS 13 09.20
KOU 9.11 279 iPc 12 23.60 5.7X
GNZ 16.73 169 P 14 02.40 3.4X
MNG 18.37 176 Pd 14 19.20 -0.3
0.8s 181.00nm 5.3mb X
TCW 18.92 179 iPd 14 26.70 0.5
BRS 19.84 251 eP 14 23.00 -13.7X
MSZ 22.91 191 P 15 11.00 3.5X
CTA 25.85 270 eP 15 45.00 8.9X
WRA 36.91 266 eP 17 12.80 -0.6
SBA 55.77 182 e(P) 19 38.20 -3.0X
SPA 67.89 180 e(P) 21 02.50 -0.5
BMN 89.33 45 eP 22 59.50 -0.7

MLR 145.07 319 ePKP 29 46.00 -1.4
CLL 147.40 338 iPKPc 29 45.60 0.8
BRG 147.41 336 iPKP 29 45.50 0.6
1.0s 12.00nm
i 29 51.80
PRU 147.89 335 PKP 29 47.00 1.3
WTS 148.66 345 e(PKP) 29 59.00 12.2X
KHC 148.96 335 iPKPc 29 50.00 2.5X
ENN 150.01 345 e(PKP) 29 58.00 9.1X
KBA 150.67 332 e(PKP) 29 53.00 2.7X
0.7s 3.70nm
i 29 58.20
VOY 151.23 330 e(PKP) 29 54.30 3.3X
S.D. = 0.9 on 10 of 22 obs.

• SEP 22, 1985 23h 17m 50.61± 1.47s
28.267 N ± 9.5km 140.813 E ± 9.0km
DEPTH = 53.7 ± 15.2 km
4.3mb (4 obs.)
BONIN ISLANDS REGION (212)

CBI 1.69 134 eP 18 18.00 -0.1
MAT 8.54 346 (P) 19 55.00 0.7
(S) 21 35.00
MVI 8.88 256 eP 20 07.00 8.1X
eS 22 14.00
SHK 9.34 314 eP 20 10.00 4.7X
SSE 17.29 284 iP+ 21 50.00 0.3
8.0s 1.40nm 2.2mb X
N 12s 1.50um
E 12s 1.20um
eS 25 08.00
sS 25 23.00
ANP 17.51 264 eP 21 52.00 -0.6
MDJ 18.62 334 eP 22 03.50 -2.5
DL2 19.15 309 Pc 22 14.00 1.7
NJ2 19.35 287 Pc 22 16.00 1.4
SNY 19.50 318 Pd 22 12.00 -4.0X
CN2 19.81 326 Pd 22 16.00 -3.4X
eS 25 58.00
QZH 20.14 266 Pc 22 22.50 -0.4
S 26 07.50
TIA 21.51 298 eP 22 32.90 -3.9X
BAG 22.08 242 eP 22 41.00 -1.9
WHN 23.15 282 eP 22 53.50 0.5
BJI 23.45 306 eP 22 54.00 -1.8
eS 27 10.00
esS 27 58.00
eSS 28 27.00
HKC 24.78 262 eP 23 11.00 2.2
eS 27 44.00
TIY 25.52 299 eP 23 16.00 0.2
DAV 25.53 217 eP 23 17.00 1.1
eS 28 00.00
HHC 27.03 305 Pd 23 30.50 0.8
XAN 27.82 290 eP 23 35.00 -1.9
S 28 20.00
BTO 28.07 304 eP 23 39.80 0.6
QIZ 29.75 259 eP 23 58.00 3.7X
LZH 32.10 294 eP 24 18.00 3.0X
CD2 32.24 284 eP 24 15.50 -0.6
KMI 34.07 274 eP 24 33.50 1.2
N 10s 0.50um
eS 29 57.00
GTA 35.55 299 eP 24 43.00 -1.7
S 30 20.00
CHG 39.36 266 eP 25 34.50 17.8X
WRA 48.33 188 Pc 26 27.60 -1.2
0.9s 12.10nm 4.9mb
KSH 53.94 300 P 27 13.00 1.8
NDI 55.28 287 eP 27 21.00 0.1
eS 35 04.00
NEW 76.86 42 eP 29 39.50 0.9
EUR 81.82 50 eP 30 05.30 -0.4
0.8s 1.47nm 4.0mb
HFS 81.87 336 (P) 30 03.90 -1.3
0.6s 2.00nm 4.3mb
NB2 82.07 338 P 30 04.80 -1.5
0.9s 2.60nm 4.2mb
BDW 84.22 44 eP 30 20.00 2.1
S.D. = 1.4 on 28 of 36 obs.

? SEP 22, 1985 23h 33m 01.82± 0.98s
33.010 N ±19.9km 48.104 E ±10.0km
DEPTH = 33.0km (normal)
4.3mb (2 obs.)
WESTERN IRAN (347)

KER 1.58 328 eP 33 28.00 0.1
BHD 3.13 276 iPc 33 50.00 0.0
IS 34 25.00
i 35 33.00
TEH 3.84 44 eP 34 20.00 19.8X
MSL 5.29 311 eP 34 28.50 7.9X
RTB 6.55 272 eP 34 54.50 16.1X
i 36 14.00
i 36 35.00
i 36 54.00
MLR 21.13 313 eP 37 46.00 -0.1
KKN 32.37 89 eP 39 30.80 0.0
0.5s 5.00nm 4.7mb X
PKI 32.55 90 eP 39 32.50 0.0
0.6s 3.00nm 4.4mb
HFS 35.28 331 eP 39 50.10 -5.1X
0.5s 1.70nm 4.2mb
S.D. = 0.1 on 5 of 9 obs.

SEP 22, 1985 23h 55m 01.37± 1.03s
28.058 N ± 7.4km 140.792 E ± 6.0km
DEPTH = 32.7 ± 8.1 km
5.0mb (11 obs.)
BONIN ISLANDS REGION (212)
Felt (I JMA) on Chichi-shimo.

CBI 1.56 128 eP 55 27.00 -0.2
eS 55 46.00
MAT 8.74 346 (P) 57 09.00 0.6
0.9s 15.13nm 5.1mb
eS 58 50.00
SSE 17.32 285 P 59 08.00 5.8X
Z 16s 1.10um
N 14s 1.00um
S 02 28.00
DL2 19.26 309 P 59 26.00 0.0
NJ2 19.40 287 Pc 59 29.30 1.8
S 03 08.00
QZH 20.11 266 Pc 59 36.00 0.8
S 03 22.00
TIA 21.59 298 eP 59 50.60 0.3
eS 03 52.00
BJI 23.56 307 eP 00 09.00 -0.6
eS 04 25.00
TIY 25.60 299 eP 00 29.50 0.1
HHC 27.13 306 P 00 43.00 -0.5
XAN 27.88 290 eP 00 49.60 -0.6
eS 05 34.00
BTO 28.18 304 eP 00 50.00 -2.9
GYA 30.33 275 P 01 12.40 0.0
CD2 32.27 284 eP 01 29.70 0.4
eS 06 50.00
GTA 35.63 299 P 01 58.00 -0.3
S 07 33.40
MTN 41.72 194 eP 02 49.00 0.0
SHL 43.49 278 iP 03 04.00 0.3
eS 09 36.00
WMO 45.01 305 Pd 03 15.50 -0.2
WRA 48.12 188 Pd 03 39.40 -0.8
0.7s 40.40nm 5.6mb
CTA 48.15 173 eP 03 36.00 -4.5X
PKI 48.62 283 iPc 03 45.30 0.8
0.8s 31.00nm 5.4mb
KKN 48.67 283 iPc 03 45.70 0.9
0.7s 35.00nm 5.5mb
DMN 48.87 283 iPc 03 47.30 1.0
0.7s 30.00nm 5.4mb
NDI 55.32 287 iPc 04 34.20 -0.1
BRS 56.32 167 eP 04 40.00 -1.5
COL 57.09 29 eP 04 47.00 0.5
0.9s 10.50nm 4.9mb
GBA 60.35 270 P 05 10.30 0.4
POO 61.56 277 iPc 05 18.60 0.5
INK 62.67 25 eP 05 24.00 -0.7
MBC 65.28 15 eP 05 42.00 0.3
YKA 71.88 28 eP 06 23.50 0.7
YKC 71.95 28 eP 06 22.00 -1.1
SOD 73.06 338 eP 06 25.00 -4.6X
KJF 74.39 335 eP 06 36.00 -1.4
PNT 75.08 42 eP 06 43.00 1.3
0.9s 6.00nm 4.6mb
SUF 75.79 334 iP 06 44.40 -1.0
0.5s 2.90nm 4.4mb
NEW 77.03 42 eP 06 54.00 1.2
EUR 81.97 50 iP 07 20.80 1.1
0.5s 2.39nm 4.5mb
HFS 82.05 336 eP 07 18.00 -1.4

0.5s 4.40nm 4.7mb
Z 15s 0.20um 4.6MszX
LR 40 06.00
NB2 82.26 338 P 07 19.20 -1.4
1.2s 8.80nm 4.7mb
ZOBO 150.84 72 ePKP 14 49.00 1.5
Z 24s 0.20um 4.8MszX
LR 08 10.00
LPB 150.99 73 PKP 14 48.00 0.4
S.D. = 1.0 on 39 of 42 obs.

* SEP 23, 1985 01h 03m 43.06± 0.85s
34.629 N ± 8.7km 95.164 W ±10.2km
DEPTH = 5.0km (geophysicist)
OKLAHOMA (499)
mbLg 2.9 (TUL).

BHO 0.35 135 iPgc 03 50.40 0.3
eSg 03 56.20
VVO 0.85 326 iPgc 03 59.20 -0.7
TUL 1.38 338 iPgc 04 08.10 -0.8
iSg 04 25.00
SIO 1.46 320 ePg 04 09.90 -0.1
OCO 2.09 296 ePn 04 20.30 1.0
eSn 04 48.00
PCO 2.54 325 (Pn) 04 26.30 0.7
eSn 04 59.30
MEO 2.82 274 ePn 04 30.70 1.0
ePg 04 31.80
LTX 8.94 236 e(P) 05 54.50 -1.5
S.D. = 1.1 on 8 of 8 obs.

* SEP 23, 1985 02h 16m 49.37± 1.89s
31.980 S ± 9.7km 69.030 W ±29.7km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

ZON 0.53 35 iPc 17 00.50 0.1
eS 17 08.00
RTCB 0.53 22 ePc 17 00.50 0.0
S 17 07.40
CFA 0.77 61 iP 17 03.80 0.0
S 17 15.00
RTLL 0.81 37 iPc 17 04.30 0.0
RFA 2.82 171 ePd 17 33.20 0.0
S 18 15.60
VCA 3.31 13 ePd 17 48.70 8.5X
S 18 33.00
S.D. = 0.1 on 5 of 6 obs.

* SEP 23, 1985 02h 21m 36.49± 0.86s
9.730 N ±20.9km 73.437 W ± 8.3km
DEPTH = 33.0km (normal)
NORTHERN COLOMBIA (99)

UAV 2.52 116 iPnc 22 15.40 -0.8
0.4s 109.80nm
SDV 2.89 107 iPnd 22 22.10 0.7
0.2s 105.20nm
UPA 6.06 263 eP 23 06.50 0.3
CAR 6.46 83 ePn 23 12.20 0.3
0.3s 41.56nm 5.7mb
YKA 60.44 339 eP 31 44.60 -0.4
S.D. = 0.9 on 5 of 5 obs.

SEP 23, 1985 03h 01m 24.60± 0.23s
3.321 N ± 5.2km 65.309 E ± 3.7km
DEPTH = 10.0km (geophysicist)
5.1mb (42 obs.) 4.9Msz (3 obs.)
CARLSBERG RIDGE (421)

GBA 15.75 49 P 05 10.00 1.9
POO 17.28 28 iPc 05 31.80 4.1X
1.2s 100.00nm 4.8mb
HYB 19.11 42 eP 05 51.00 0.7
NDI 27.65 23 e(P) 07 11.50 -3.1X
eS 12 04.00
NAI 28.86 261 eP 07 28.00 2.1
2.0s 117.65nm 5.3mb
DMN 30.67 36 iPc 07 44.00 2.0
0.9s 19.00nm 5.0mb
PKI 30.82 37 iPc 07 45.00 1.6
1.1s 32.00nm 5.1mb
KKN 30.91 36 iPc 07 45.70 1.6
1.0s 38.00nm 5.2mb
SHL 33.78 47 iP 08 10.20 1.0
eS 13 38.00

NNT 35.27 73 eP 08 22.70 0.8
LSA 35.89 40 eP 08 27.40 -0.1
eS 14 08.00
CHG 36.31 62 iPd 08 31.80 1.1
1.1s 45.57nm 5.2mb
eS 14 20.00
NST 36.40 68 eP 08 31.70 0.3
TET 36.86 237 iP 08 38.00 2.8
LWI 36.91 262 eP- 08 37.40 1.4
LWI 36.91 262 iPc 08 37.90 1.9
KSH 37.25 14 eP 08 41.00 2.6
PCT 37.33 70 eP 08 40.00 0.8
LOE 38.36 66 eP 08 48.00 0.1
MTD 38.84 238 iPd 08 55.10 3.1X
PRNI 39.29 316 iPc 09 00.00 4.5X
JER 40.03 318 iP 09 05.50 3.8X
e(S) 18 15.00
KRI 40.54 239 iPd 09 06.50 0.3
LSZ 41.13 242 iP 09 11.80 0.8
1.1s 19.30nm 4.7mb
KMI 42.02 55 Pc 09 19.50 1.2
S 15 42.00
BUL 42.91 236 iPd 09 26.60 1.0
1.3s 33.65nm 4.9mb
WMQ 44.94 23 Pc 09 43.00 1.4
S 16 25.00
CD2 45.46 49 eP 09 46.30 0.4
GYA 45.79 56 P 09 48.40 -0.3
EVA 45.89 228 eP 09 50.00 0.5
1.0s 48.00nm 5.4mb
BCK 46.54 321 eP 09 53.90 -0.5
GTA 47.64 36 P 10 04.00 0.9
S 17 04.60
BFS 47.81 229 iPc 10 03.80 -0.8
0.8s 132.84nm 6.1mb
GPA 48.50 324 eP 10 08.50 -1.2
IZM 49.21 320 eP 10 18.00 2.9
XAN 50.78 48 Pd 10 26.40 -0.9
S 17 40.10
PVL 53.29 324 iPc 10 48.00 2.1
WHN 53.58 54 P 10 48.00 -0.2
WIN 53.63 239 iPc 10 48.00 -1.0
1.2s 50.00nm 5.4mb
ISR 53.73 327 eP 10 47.00 -2.2
VAY 53.83 321 eP 10 50.40 0.5
MLR 54.28 327 iPc 10 55.00 1.7
OHR 54.85 320 eP 10 56.40 -1.2
SKO 54.90 321 iPd 10 57.00 -0.8
TIY 54.99 45 eP 10 58.00 -0.6
S 18 38.00
NJ2 57.72 54 Pc 11 17.50 -0.6
TIA 57.79 49 eP 11 17.80 -0.8
eS 19 18.00
BJI 58.63 44 eP 11 24.00 -0.3
SRO 59.90 325 eP 11 33.00 0.0
DAV 60.10 84 eP 11 34.00 -1.0
KRA 60.26 328 eP 11 34.50 -0.9
e 20 18.00
ZST 60.80 325 e(P) 11 37.70 -1.4
LJU 61.25 322 eP 11 42.00 -0.3
e 13 57.00
TRI 61.57 321 eP 11 43.80 -0.6
VOY 61.64 322 eP 11 44.10 -0.9
PRU 63.16 326 eP 11 54.50 -0.4
e 12 04.50
KHC 63.29 325 iPd 11 54.20 -1.7
e 12 22.50
CVF 63.48 317 eP 11 56.80 -0.5
1.0s 21.70nm 5.3mb
BRG 63.93 327 eP 12 00.00 0.0
1.5s 21.00nm 5.1mb
i 12 10.40
e 14 23.00
OSS 64.26 321 eP+ 12 02.60 0.1
SNY 64.49 45 Pc 12 03.00 -0.8
CLL 64.66 327 eP 12 04.00 -0.8
1.9s 52.00nm 5.4mb
TMA 64.83 320 eP+ 12 05.60 -0.6
GRF 64.91 324 eP 12 06.20 -0.3
Z 22s 0.10um 4.0Msz
SAX 64.99 321 eP+ 12 07.10 -0.3
LLS 65.05 321 eP+ 12 07.10 -0.6
MOX 65.12 326 e(P) 12 07.00 -0.8
FRF 65.36 317 eP 12 09.30 -0.1
1.0s 23.40nm 5.3mb
LMR 65.37 317 eP 12 09.40 -0.1
1.0s 12.00nm 5.0mb

23d 03h

MMK 65.39 320 eP+ 12 09.50 -0.4
LRG 65.52 317 eP 12 10.60 0.2
ZUL 65.68 321 eP+ 12 11.30 -0.2
SLE 65.73 322 eP+ 12 11.50 -0.2
DIX 65.76 320 eP+ 12 12.10 -0.2
SUF 65.93 341 iP 12 12.60 -0.2
0.8s 6.40nm 4.9mb
LPG 65.97 319 eP 12 12.70 -1.0
1.0s 12.00nm 5.0mb
CDR 66.00 317 eP 12 13.80 0.3
CN2 66.45 43 Pc 12 15.50 -0.9
eS 21 06.00
KJF 66.55 343 eP 12 11.00 -5.7X
CDF 66.73 322 eP 12 17.70 -0.5
BSF 66.81 321 eP 12 17.80 -1.0
WLF 67.89 323 P 12 25.40 0.0
SMF 68.27 319 eP 12 26.90 -1.0
1.0s 8.80nm 4.9mb
LBF 68.29 320 eP 12 27.40 -0.7
1.0s 8.40nm 4.9mb
WTS 68.42 325 iPc 12 29.20 0.5
1.0s 13.00nm 5.1mb
ENN 68.45 324 iPc 12 29.20 0.3
1.0s 16.00nm 5.2mb
LOR 68.46 320 iPd 12 28.20 -0.9
0.8s 6.70nm 4.9mb
SSF 68.62 320 eP 12 29.40 -0.7
0.8s 9.40nm 5.0mb
AVF 68.63 319 eP 12 29.20 -0.9
BGF 68.89 319 iPd 12 31.60 -0.1
0.9s 16.30nm 5.2mb
HFS 68.89 335 eP 12 31.10 -0.4
1.1s 33.70nm 5.4mb
Z 17s 0.30um 4.6MszX
LR 38 37.00
CAF 68.91 317 eP 12 31.70 -0.2
0.8s 4.50nm 4.7mb
MZF 68.96 319 eP 12 31.80 -0.4
1.0s 10.30nm 5.0mb
MLS 69.04 315 eP 12 32.60 -0.1
TCF 69.23 319 eP 12 33.40 -0.4
SNF 69.33 323 P 12 34.10 -0.2
UCC 69.33 324 P 12 37.00 2.4
RJF 69.40 317 eP 12 34.90 0.1
1.0s 13.60nm 5.1mb
LPO 69.44 317 eP 12 35.40 0.3
MDJ 69.53 43 eP 12 35.00 -0.7
EPF 69.58 315 eP 12 35.40 -0.7
LSF 69.66 318 eP 12 36.30 -0.2
1.0s 11.10nm 5.0mb
LFF 69.82 317 eP 12 37.70 0.3
1.0s 11.50nm 5.0mb
KIC 69.82 276 eP 12 38.30 0.3
NB2 70.41 335 P 12 39.80 -1.0
1.0s 15.50nm 5.1mb
MFF 70.88 318 iPd 12 43.60 -0.2
1.0s 8.00nm 4.8mb
KEV 70.93 347 iP 12 44.00 0.2
0.8s 22.00nm 5.3mb
LDF 71.42 320 eP 12 46.60 -0.5
LGR 71.48 314 eP 12 49.00 1.4
WRA 71.54 112 Pd 12 46.20 -2.1
1.0s 44.20nm 5.5mb
FLN 71.70 321 eP 12 48.20 -0.5
MAL 71.80 308 iP 12 50.00 0.4
GRR 71.83 320 eP 12 49.00 -0.5
1.0s 11.50nm 4.9mb
LPF 71.85 320 eP 12 49.40 -0.3
1.0s 11.50nm 4.9mb
ASPA 71.87 116 iPc 12 48.20 -2.1
IFR 71.89 304 iPc 12 52.00 1.6
TOL 72.09 311 eP 12 52.20 0.9
MAT 74.30 53 (P) 13 04.00 -0.3
EKA 75.13 327 P 13 08.00 -0.7
0.8s 4.00nm 4.5mb
CTA 82.64 111 iPc 13 49.00 -1.2
1.1s 33.54nm 5.4mb
DAG 85.43 347 iPc 14 03.70 0.5
0.8s 12.69nm 5.2mb
SNA 85.72 198 eP 14 05.50 0.8
1.0s 88.00nm 5.9mb
YOU 86.13 125 eP 14 06.30 -1.3
CAN 86.75 126 eP 14 09.80 -0.8
WAM 86.76 126 eP 14 10.30 -0.2
SPA 93.30 180 eP 14 41.60 0.8
1.0s 5.50nm 4.9mb
EDM 123.65 359 ePKP 20 24.00 -0.1
TPZ 129.15 245 PKP 20 37.70 1.6
CCH 130.40 250 ePKP 20 39.00 0.6
LPB 132.40 251 PKP 20 42.80 0.4
Z 20s 0.35um 5.1Msz
LR 06 15.00
ZOBO 132.47 251 PKP 20 41.20 -1.5
Z 20s 0.70um 5.4Msz
LR 04 09.00
EUR 137.39 1 i(PKP)20 50.70 -0.4
0.8s 0.74nm
ALQ 141.16 349 ePKP 20 50.00 -8.0X
1.0s 4.50nm
JCT 143.50 338 iPKP 21 00.00 -2.0
1.0s 6.50nm
LTX 145.85 343 ePKP 21 06.20 0.1
1.5s 142.86nm
S.D. = 1.0 on 128 of 135 obs.

? SEP 23, 1985 03h 03m 24.31± 2.80s
38.961 N ±10.9km 29.736 E ±31.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KCT 1.67 321 ePn 03 52.00 -1.7
IZM 2.02 255 iPn 03 59.20 0.4
YER 2.15 213 iPn 04 00.50 -0.3
ISK 2.17 346 ePn 04 01.60 0.7
KGT 2.40 309 ePn 04 05.00 0.8
EZN 2.78 289 ePn 03 57.00 -12.7X
S.D. = 1.5 on 5 of 6 obs.

? SEP 23, 1985 03h 10m 08.42± 0.82s
3.169 N ±24.3km 65.435 E ±15.8km
DEPTH = 10.0km (geophysicist)
4.8mb (3 obs.)
CARLSBERG RIDGE (421)

POO 17.35 28 eP 14 17.00 4.6X
CHG 36.27 62 eP 17 16.00 1.8
LSZ 41.17 243 iP 17 55.70 0.5
BNG 46.80 273 iPc 18 41.20 0.7
1.0s 10.00nm 4.8mb
KJF 66.73 343 eP 21 02.00 0.3
NB2 70.60 335 P 21 23.40 -2.4
0.9s 3.20nm 4.5mb
WRA 71.37 112 Pd 21 30.40 -0.7
0.9s 15.30nm 5.1mb
ASPA 71.69 116 eP 21 32.00 -1.0
SNA 85.62 198 eP 22 50.30 2.3X
JCT 143.69 338 ePKP 29 42.50 -3.6X
1.1s 6.33nm
LTX 146.04 343 iPKP 29 51.00 0.8
1.0s 14.00nm
S.D. = 1.6 on 8 of 11 obs.

SEP 23, 1985 05h 08m 10.68± 0.14s
4.104 S ± 3.3km 136.331 E ± 3.3km
DEPTH = 10.0km (geophysicist)
5.5mb (28 obs.) 5.2Msz (2 obs.)
WEST IRIAN REGION (196)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 16C
Centroid Location:
Origin Time 05:08:26.0 1.9
Lat 2.94S 0.17 Lon 136.26E 0.13
Dep 14.4 5.4 Half-duration 1.6
Moment Tensor; Scale 10**23 D-CM
Mrr= 6.52 0.63 Mtt=-3.93 0.99
Mff=-2.60 1.19 Mrt= 3.61 2.03
Mrf=-6.35 3.32 Mtf= 7.54 0.64
Principal Axes:
T Val= 9.79 Plg=62 Azm= 93
N 3.52 19 322
P -13.31 20 225
Best Double Couple:Mo=1.2*10**24
NP1:Strike=286 Dip=30 Slip= 50
NP2: 150 67 111

AAI 8.13 273 ePd 10 12.00 0.4
1.0s 305.00nm 6.5mb X
eS 11 38.20
MDG 9.49 97 eP 10 32.00 1.6
MTN 10.09 210 eP 10 38.00 -0.8
LAT 10.92 104 eP 10 51.00 0.9
PMG 11.97 117 eP 11 04.00 -0.4
KNA 13.76 212 eP 11 26.00 -2.2
0.8s 1010.00nm 6.8mb X
eS 13 56.00
KUPT 13.98 244 ePd 11 34.50 3.4X
1.3s 2116.90nm 6.8mb X
eS 14 08.00
ALOA 15.23 115 eP 11 53.00 5.5X
DAV 15.45 316 eP 11 52.00 1.5
RAB 15.80 91 e(P) 11 53.00 -1.9
iS 15 08.00
WRA 15.86 187 Pd 11 51.30 -4.5X
0.9s 46.00nm 4.7mb
ISO 16.81 170 eP 12 04.00 -3.6X
MKS 16.84 266 iPd 12 13.30 5.1X
CTA 18.60 149 iPc+ 12 30.00 -0.1
0.9s 145.80nm 5.2mb
iS 16 00.00
BGA 18.88 97 eP 12 36.00 2.3
PAA 19.20 97 eP 12 40.00 2.4
GUA 19.49 26 eP 12 40.00 -1.0
0.9s 121.01nm 5.2mb
PJG 19.51 26 e(P) 12 40.70 -0.6
PPR 22.31 308 iPd 13 14.50 4.5X
1.1s 183.00nm 5.5mb
KKM 22.48 297 ePd 13 13.60 1.8
PGP 23.22 319 iPc 13 16.00 -2.9X
1.0s 483.00nm 6.0mb
MBL 23.33 222 eP 13 22.00 1.9
0.7s 86.00nm 5.4mb
eS 17 39.00
VSG 23.77 104 eP 13 24.00 -0.4
TRT 23.84 260 ePc 13 28.10 3.1X
SVO 23.85 103 eP 13 24.00 -1.1
QCP 23.99 321 eP 13 22.00 -4.4X
HNR 24.03 104 eP 13 26.00 -0.9
eS 17 40.00
RMQ 25.24 153 eP 13 38.00 -0.5
e 14 09.00
BAG 25.65 323 eP 13 41.20 -1.4
CVP 25.97 327 eP 13 46.20 0.9
BRS 27.98 148 iPc 14 02.20 -1.5
ipPP 14 24.20
iSP 14 48.00
STK 28.07 170 eP 14 03.00 -1.4
MEK 28.12 215 eP 14 07.00 2.0
0.5s 20.00nm 5.2mb
KLG 30.02 206 eP 14 22.00 0.0
ADE 30.79 176 iPc 14 28.40 -0.4
1.0s 390.00nm 6.2mb X
MRWA 31.56 215 eP 14 35.00 -0.6
KOU 31.73 123 iPc 14 35.50 -1.7
YOU 32.04 161 eP 14 38.90 -0.9
BAL 32.21 213 eP 14 42.00 0.7
0.5s 25.00nm 5.4mb
KLB 32.44 210 eP 14 44.00 0.7
eS 21 58.00
CAN 33.20 161 eP 14 49.90 0.0
BFD 33.40 171 eP 14 51.00 -0.6
MUN 33.55 212 eP 14 54.00 1.1
NWAO 33.78 210 eP 15 00.00 5.1X
DZM 34.22 124 iPc 14 57.90 -1.0
NOU 34.33 125 iPc 14 58.50 -1.3
TOO 34.35 167 eP 15 00.00 0.2
QIZ 34.76 312 eP 15 03.00 -0.5
S 20 32.50
PPI 36.08 275 eP 15 17.50 2.7X
0.7s 42.90nm 5.4mb
IPM 36.31 283 ePd 15 16.20 -0.6
SNG 37.36 287 eP 15 27.50 1.9
SSE 37.87 339 eP 15 29.50 -0.1
N 24s 1.10um
E 24s 1.00um
e 15 32.00
pP 15 39.00 32kmX
PP 17 02.00
S 21 20.00
S 23 50.00
PSI 37.99 280 eP 15 31.00 0.2
SHK 38.58 355 eP 15 34.40 -1.2
PCT 39.32 299 eP 15 43.00 1.0
NJ2 39.61 336 Pd 15 44.80 0.6
S 21 50.00
TAU 39.86 167 eP 15 46.00 -0.1
NNT 39.97 295 eP 15 48.90 1.5
LOE 40.29 303 eP 15 49.00 -1.0
WHN 40.35 330 P 15 51.50 1.2
MAT 40.47 2 (P) 15 50.00 -1.2
1.0s 47.00nm 5.1mb

			eS	22	04.00		COL	87.73	24	IPd	21	00.50	-0.2	AAI	8.18	273	eP	26	39.50	1.6
NST	40.86	300	eP	15	54.90	0.2		1.2s	103.13nm			6.0mb		MTN	10.10	211	eP	27	04.00	-0.4
GYA	41.80	318	P	16	03.60	1.2	FBA	87.73	24	eP	21	00.50	-0.2	LAT	10.86	104	eP	27	24.00	9.2X
KHT	41.84	297	eP	16	03.40	0.7		1.1s	51.60nm			5.7mb		KNA	13.77	212	eP	27	52.00	-1.9
BDT	42.52	301	eP	16	05.50	-2.8	TOA	87.77	27	eP	21	02.00	1.0		0.5s	233.00nm				6.3mb X
	0.8s	20.70nm				4.9mb	INK	93.84	22	eP	21	27.00	-2.1				eS	30	22.00	
CHG	43.29	303	iPc	16	15.00	0.4	MBC	97.36	14	eP	21	44.00	-1.0	KUPT	14.02	244	eP	28	01.50	4.3X
	1.0s	67.25nm				5.4mb	WDC	101.11	50	ePdiff	22	02.30	-0.4	WRA	15.85	187	Pc	28	25.50	4.4X
			eS	23	28.00		MIN	101.84	50	ePdiff	22	04.00	-2.2		0.5s	30.50nm				4.7mb
KMI	43.68	313	P+	16	19.00	1.1	ORV	101.98	51	ePdiff	22	07.10	0.5	MKS	16.89	266	i(P)	28	39.40	5.0X
			S	22	46.00		MHC	102.04	53	ePdiff	22	07.70	0.6	KKM	22.53	297	ePd	29	39.80	1.9
			sS	23	08.00		JAS1	102.96	52	ePdiff	22	11.40	0.4	PGP	23.27	319	eP	29	40.00	-5.0X
TIA	43.95	337	eP	16	19.00	-0.6	FRI	103.61	53	ePdiff	22	14.60	0.7	M8L	23.35	222	eP	29	47.00	1.2
			ePcP	18	05.40		EUR	106.24	50	iPdiff	22	26.60	0.7	VSG	23.71	104	eP	29	50.00	0.6
XAN	45.92	328	Pc	16	34.80	-0.7		1.0s	4.81nm			5.5mb		SVO	23.80	103	eP	29	50.00	-0.1
			S	23	18.00		EUR	106.24	50	iPKP	26	42.50	4.8X	BAG	25.70	323	eP	30	08.90	0.3
CD2	46.68	321	eP	16	42.10	0.5		1.2s	4.85nm					BRS	27.93	148	iPc	30	29.20	0.4
			eS	23	30.00		KHC	114.08	323	IPKP	26	54.30	2.2	STK	28.04	171	eP	30	28.00	-1.7
TIY	47.16	334	eP	16	44.50	-0.8				i	27	51.20		KOU	31.68	123	iPc	31	02.60	0.4
			S	23	37.00		ALQ	114.54	53	ePdiff	23	06.90	3.2X	CAN	33.16	161	eP	31	15.60	0.5
SNY	47.17	347	eP	16	44.30	-0.9		1.0s	2.50nm					WAM	33.93	162	iPd	31	21.90	0.3
			S	23	36.00		ALQ	114.54	53	ePKP	26	52.50	-1.1	DZM	34.16	124	iPc	31	22.70	-1.3
BJI	47.68	339	eP	16	48.00	-1.2		1.0s	4.75nm					QIZ	34.81	312	eP	31	28.50	-1.0
			eS	23	40.00		BNG	117.97	273	IPKPd	27	00.40	-0.1	PPI	36.14	275	eP	31	36.00	-4.8X
CN2	48.68	350	Pc	16	55.00	-2.0		0.5s	4.00nm					NNT	40.02	295	eP	32	12.90	-0.5
MDJ	48.88	354	eP	16	57.80	-0.7	BSF	118.71	324	ePKP	27	00.50	-0.5	WHN	40.40	330	eP	32	17.00	0.8
			eS	23	56.00		DOU	118.82	327	PKP	27	01.50	0.6	MAT	40.49	2	eP	32	15.00	-1.9
MSZ	49.00	150	P	17	00.70	1.3	CVF	119.74	318	ePKP	27	02.50	-0.5	GYA	41.85	318	P	32	28.20	-0.2
	1.2s	200.00nm				6.1mb	LPG	119.84	321	ePKP	27	03.20	-0.2	CHG	43.34	303	iPc	32	40.60	0.0
HHC	50.15	336	P	17	08.00	-0.5	LOR	120.71	324	ePKP	27	04.50	-0.2		0.9s	14.71nm				4.7mb
TCW	50.20	143	P	17	08.10	-0.6	FRF	120.79	319	ePKP	27	04.50	-0.4	KMI	43.74	313	Pd	32	45.00	1.1
LZH	50.22	326	Pc	17	10.00	0.8	LBF	120.79	324	ePKP	27	04.60	-0.3	TIA	43.99	337	eP	32	45.40	-0.1
	1.5s	205.00nm				5.9mb X	LMR	120.98	319	ePKP	27	05.00	-0.3	XAN	45.96	328	Pc	33	00.40	-1.0
			eS	24	21.00		LRG	121.02	319	ePKP	27	05.30	0.0	CD2	46.73	320	eP	33	07.20	-0.3
WEL	50.54	143	P	17	09.70	-1.6	SSF	121.03	324	ePKP	27	05.30	0.0	TIY	47.20	334	eP	33	09.90	-1.3
MNG	50.59	142	Pc	17	11.00	-0.7	SMF	121.05	324	ePKP	27	05.10	-0.2	BJI	47.71	339	eP	33	14.00	-1.1
	1.0s	431.00nm				6.4mb	JCT	121.05	57	iPKP	27	05.90	0.0	CN2	48.71	349	eP	33	19.00	-3.8X
BTO	50.60	334	eP	17	08.50	-3.4X		1.0s	40.00nm					MDJ	48.90	354	eP	33	23.20	-1.0
			eS	24	19.50		BGF	121.68	324	ePKP	27	06.60	0.1	TCW	50.15	143	(P)	33	33.90	0.0
GNZ	51.13	138	P	17	15.30	-0.6	TCF	122.19	324	ePKP	27	07.60	0.1	LZH	50.27	325	eP	33	35.00	-0.1
AFI	52.07	104	P	17	24.00	0.6	LDF	122.22	327	ePKP	27	07.40	-0.1		1.5s	91.00nm				5.5mb
SHL	52.22	307	iP	17	23.50	-1.0	FLN	122.31	328	ePKP	27	07.60	0.0	MNG	50.54	142	Pc	33	36.70	-0.2
LSA	54.78	311	Pc	17	43.00	-0.8	TUL	122.59	50	ePKP	27	08.40	-0.2		0.7s	102.00nm				5.9mb
			S	25	23.00			0.9s	14.60nm					GTA	54.87	326	iPc	34	09.20	-0.2
GTA	54.82	326	iPc	17	43.80	0.3	GRR	122.74	327	ePKP	27	08.60	0.2	PKI	58.36	306	eP	34	33.70	-1.0
			S	25	24.50		CAF	123.00	323	ePKP	27	09.50	0.4		0.7s	10.00nm				5.0mb
PKI	58.30	306	eP	18	08.00	-0.8	LPF	123.05	327	ePKP	27	09.10	0.1	KKN	58.55	306	eP	34	35.20	-0.7
	1.0s	28.30nm				5.3mb	RJF	123.13	323	ePKP	27	09.40	0.1		0.7s	21.00nm				5.3mb
KKN	58.50	306	eP	18	09.80	-0.2	MFF	123.38	325	ePKP	27	09.60	-0.2	DMN	58.62	306	eP	34	35.80	-0.6
	0.8s	38.00nm				5.5mb	LPO	123.66	323	ePKP	27	10.80	0.4		0.7s	46.00nm				5.7mb
DMN	58.56	306	eP	18	10.60	0.1	BHO	123.84	51	ePKP	27	10.40	-0.7	WMQ	64.70	323	P	35	16.50	-0.4
	0.9s	63.00nm				5.7mb		0.8s	1.20nm					NDI	65.48	304	eP	35	23.50	1.5
HYB	60.88	292	eP	18	24.60	-1.7	EPF	125.06	322	ePKP	27	13.20	0.0	SBA	75.40	174	e(P)	36	21.90	0.5
GBA	61.03	288	Pc	18	25.40	-1.8	KIC	141.18	275	ePKP	27	41.10	-3.3X	SVW	83.16	27	eP	37	05.10	1.4
	0.6s	4.20nm				4.7mb	UPA	144.06	80	ePKPd	27	42.00	-7.3X	KDC	83.53	31	eP	37	06.20	0.7
WMQ	64.65	323	iPd	18	50.70	-0.3	SLA	144.34	145	ePKPc	27	47.80	-2.0	TTA	83.67	25	eP	37	07.10	0.8
			S	27	32.00		HJA	145.54	143	ePKPd	27	54.80	3.2X	IMA	85.74	23	eP	37	17.40	0.7
SMY	64.97	24	e(P)	18	53.30	0.5	ARE	145.73	127	ePKP	27	53.00	0.5		0.9s	12.50nm				5.1mb
NDI	65.42	304	eP	18	55.00	-1.2		1.5s	305.56nm					SPA	85.90	180	eP	37	17.10	-0.4
			eS	27	40.00		YJA	146.26	142	ePKPc	27	56.80	3.3X		1.0s	9.50nm				4.9mb
POO	65.49	292	eP	18	56.20	-0.6	TPZ	146.65	141	PKP	27	57.70	3.7X	PME	86.34	27	eP	37	19.50	0.0
ADK	68.53	29	eP	19	15.40	0.0	CHN	148.14	87	ePKP	27	55.00	-1.3		0.7s	5.00nm				4.8mb
KSH	70.30	314	Pc	19	28.00	1.3	LPB	148.32	131	PKP	27	58.90	2.1	COL	87.73	24	eP	37	26.00	-0.2
PAE	73.61	107	eP	19	48.00	1.4		Z 24s	0.19um				4.8MszX		1.2s	39.06nm				5.6mb
	0.9s	40.00nm				5.5mb			LR		22	10.00		FBA	87.73	24	e(P)	37	26.70	0.5
PPT	73.61	107	eP	19	48.00	1.4	ZOBO	148.46	131	iPKPc	27	58.80	1.6		0.9s	12.50nm				5.2mb
	0.9s	55.00nm				5.6mb		Z 24s	0.38um				5.1MszX	TOA	87.77	27	eP	37	27.40	0.9
PPN	73.75	107	eP	19	49.00	1.6			LR		21	54.00		INK	93.84	22	eP	37	55.00	0.4
	0.9s	70.00nm				5.7mb	CCH	149.21	135	PKP	28	00.40	2.3X	M8C	97.36	14	eP	38	10.00	-0.6
TVO	73.93	107	eP	19	50.00	1.5	BOG	149.69	88	ePKP	28	03.50	4.5X	JCT	121.01	57	iPKP	43	31.20	-0.1
	0.9s	80.00nm				5.8mb	SDV	152.80	79	ePKP	28	04.40	1.1		1.0s	13.50nm				
SBA	75.42	174	e(P)	19	47.10	-8.9X	VAO	152.87	173	ePKP	28	02.60	-0.4	UPA	144.01	80	ePKP	44	12.00	-2.8
	Z 20s	0.92um				5.1Msz				e	28	12.00		SLA	144.29	145	ePKP	44	14.00	-1.2
			i	19	56.20		SJG	153.97	56	ePKP	27	59.00	-5.6X	ARE	145.68	127	ePKP	44	20.00	2.1
SDN	78.53	31	eP	20	14.10	0.5	BAO	159.93	168	e(PKP)	28	13.10	0.9	YJA	146.21	142	ePKPc	44	22.00	3.1X
MAW	79.95	202	eP	20	22.00	0.8	ITR	166.19	202	ePKP	28	18.70	0.7	TPZ	146.60	140	PKP	44	23.50	4.1X
KHI	82.14	305	eP	20	33.70	0.1				e	28	21.70		LPB	148.26	131	ePKP	44	26.00	3.8X
SVW	83.17	27	eP	20	39.80	1.6				e	28	25.00			1.0s	60.00nm				
KDC	83.54	31	eP	20	41.00	1.0				e	29	20.60		ZOBO	148.41	130	PKP	44	24.60	1.9
TTA	83.67	25	eP	20	41.90	1.1	SOB1	166.49	192	ePKP	28	19.30	1.0		1.1s	31.90nm				
IMA	85.74	23	eP	20	52.10	0.9		S.D. = 1.1	on 149 of 172 obs.					CCH	149.16	134	ePKP	44	25.00	1.5
	1.0s	48.80nm				5.6mb											i	44	32.60	
SPA	85.92	180	eP	20	52.20	0.1		SEP 23, 1985 05h 24m 36.20± 0.25s						BOG	149.64	88	ePKP	44	27.50	3.1X
	1.0s	19.50nm				5.2mb		4.126 S ± 5.1km 136.384 E ± 5.8km						ITR	166.19	202	ePKP	44	39.70	-3.9X
	Z 21s	1.08um				5.2Msz		DEPTH = 10.0km (geophysicist)									e	45	48.60	
PME	86.34	27	eP	20	54.10	0.1		5.2mb (12 obs.)							S.D. = 1.1	on 54 of 66 obs.				
	0.9s	54.20nm				5.7mb		WEST IRIAN REGION					(196)							

23d 05h

SEP 23, 1985 05h 37m 21.39± 0.48s
52.284 N ± 9.1km 169.518 W ± 5.9km
DEPTH = 33.0km (normal)
4.9mb (16 obs.) 4.8Msz (1 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

KDC	11.19	54	eP	39	59.00	-2.9
TTA	12.86	29	eP	40	26.50	2.1
IMA	15.95	24	eP	41	06.00	1.2
COL	16.84	33	eP	41	16.00	0.1
INK	23.47	33	eP	42	27.00	-1.3
YKA	30.37	49	eP	43	32.70	0.8
RSNT	30.38	49	eP	43	32.00	0.0
YKC	30.43	49	eP	43	32.00	-0.5
	0.4s	6.00nm			4.7mb	
MBC	30.65	21	eP	43	34.00	-0.3
NEW	33.12	76	eP	43	56.00	-0.3
EDM	33.27	66	iPc	43	57.30	-0.2
SES	35.72	69	ePc	44	18.00	-0.6
EUR	38.54	88	iP	44	43.50	0.9
	0.2s	0.56nm			4.0mb	
SBB	40.46	95	eP	45	15.00	16.6X
BDW	40.50	79	eP	44	58.50	-0.3
	1.0s	7.60nm			4.4mb	
GSC	40.68	93	eP	45	02.00	1.8
PLM	41.95	96	eP	45	11.00	0.3
GLA	43.46	94	eP	45	22.00	-0.4
LHC	48.87	61	eP	46	04.50	-0.9
DAG	49.88	8	iPc	46	12.00	-0.8
	0.3s	33.77nm			5.9mb	
SCH	55.59	43	eP	46	55.00	-0.7
KEV	57.68	353	eP	47	21.00	10.7X
SOD	60.05	353	iP	47	25.70	-1.1
KJF	63.08	352	eP	47	46.00	-1.2
SUF	64.68	352	iP	47	56.70	-0.9
	0.4s	4.40nm			4.9mb	
NUR	66.99	352	iP	48	11.70	-0.7
	0.6s	15.60nm			5.3mb	
NB2	67.03	350	P	48	11.40	-1.3
	0.6s	5.00nm			4.8mb	
HFS	67.91	358	eP	48	17.10	-1.1
	0.5s	13.80nm			5.3mb	
Z	10s	0.52um			4.8Msz	
		LR		11	32.00	
KKN	77.10	299	eP	49	13.10	-0.1
	0.5s	10.00nm			5.1mb	
PKI	77.21	298	eP	49	13.60	-0.4
	0.7s	8.00nm			4.9mb	
DMN	77.34	299	eP	49	14.80	0.2
	0.5s	7.00nm			4.9mb	
FLN	78.90	7	eP	49	22.60	0.1
KHC	78.93	358	iPc	49	23.40	0.7
LDF	79.10	7	eP	49	23.50	0.0
CDF	79.65	2	eP	49	27.20	0.6
HAU	80.03	3	eP	49	29.10	0.5
BSF	80.21	3	eP	49	30.00	0.3
	1.1s	13.50nm			4.9mb	
LOR	80.67	5	eP	49	32.40	0.4
SSF	80.85	5	eP	49	33.40	0.4
LBF	80.95	5	eP	49	33.60	0.0
KBA	80.99	358	iPc	49	35.00	1.1
	0.8s	11.00nm			4.9mb	
AVF	81.12	5	eP	49	34.80	0.5
	1.0s	4.10nm			4.4mb	
VRI	81.23	349	iPd	49	45.50	10.5X
SMF	81.29	5	eP	49	35.70	0.4
LSF	81.55	6	eP	49	37.20	0.6
TCF	81.55	6	eP	49	37.20	0.5
MZF	81.65	6	eP	49	37.80	0.6
	0.8s	3.80nm			4.5mb	
MLR	81.70	349	eP	49	47.00	9.4X
CLO	82.44	351	ePd	49	57.00	15.7X
CAF	82.90	6	eP	49	44.50	0.8
FRF	84.48	3	eP	49	52.70	1.0
	0.8s	8.70nm			5.0mb	
EPF	84.66	7	eP	49	53.00	0.3
LMR	84.70	3	eP	49	53.90	1.1
MLS	84.79	7	iPd	49	54.40	1.1
		e		51	24.60	
HYB	89.10	298	eP	50	14.00	-0.7
GBA	92.83	296	P	50	31.00	-0.9
KRI	141.53	330	ePKP	56	49.00	-2.0X
SPA	142.10	180	e(PKP)	56	56.00	5.5X
BUL	144.95	329	iPKPc	56	55.70	-1.1
	0.3s	6.49nm				
SLR	150.26	326	ePKP	57	11.00	5.9X
	0.5s	21.13nm				

S.D. = 0.9 on 52 of 60 obs.

SEP 23, 1985 05h 40m 16.15± 0.32s
3.207 N ± 6.8km 65.344 E ± 4.5km
DEPTH = 10.0km (geophysicist)
5.2mb (35 obs.)
CARLSBERG RIDGE (421)

GBA	15.79	48	P	44	02.00	1.7
POO	17.36	28	iPc	44	24.50	4.2X
HYB	19.17	42	ePc	44	42.00	-0.6
SHL	33.84	46	eP	47	02.00	0.8
CHG	36.34	62	iPd	47	24.00	1.6
	1.0s	27.50nm			5.0mb	
KSH	37.35	14	eP	47	33.00	2.2
MTD	38.81	238	eP	47	46.50	3.2X
PRNI	39.39	317	iP	47	52.00	4.0X
JER	40.14	318	eP	47	58.00	3.9X
HRI	40.74	321	iP	48	03.00	3.9X
LSZ	41.11	242	iP	48	03.40	1.0
KMI	42.05	55	eP	48	11.00	0.8
BUL	42.87	236	iPd	48	17.00	0.2
	1.0s	6.00nm			4.3mb	
GYA	45.83	56	P	48	40.40	-0.1
BNG	46.70	273	iPd	48	48.50	1.0
	0.8s	19.00nm			5.2mb	
		i		50	21.50	
BFS	47.76	229	iPd	48	55.30	-0.5
	0.8s	31.34nm			5.5mb	
YER	47.92	320	eP	48	59.00	2.2
XAN	50.83	48	P	49	18.60	-0.6
		S		56	38.00	
MMB	53.37	322	iPc	49	39.00	0.9
WIN	53.60	239	iPd	49	39.80	-0.5
	1.0s	20.00nm			5.1mb	
WHN	53.62	54	eP	49	40.00	-0.1
TIY	55.04	45	P	49	49.90	-0.7
HHC	55.93	41	eP	49	55.40	-1.5
TIA	57.84	49	eP	50	10.00	-0.5
BJI	58.68	44	eP	50	16.00	-0.3
VOY	61.75	322	eP	50	36.50	-0.8
KHC	63.40	325	P	50	47.10	-1.1
	1.0s	10.50nm			5.0mb	
CVF	63.59	317	eP	50	49.10	-0.4
	0.9s	24.90nm			5.4mb	
BRG	64.04	327	eP	50	51.90	-0.4
	1.0s	14.00nm			5.1mb	
OSS	64.37	321	eP+	50	54.90	0.1
CLL	64.78	327	ePd	50	57.00	-0.1
	1.5s	29.00nm			5.2mb	
TMA	64.94	320	eP+	50	58.00	-0.5
SAX	65.10	321	eP+	50	59.20	-0.4
LLS	65.16	321	eP+	50	59.20	-0.7
MOX	65.23	326	e(P)	51	00.00	-0.1
FRF	65.46	317	eP	51	01.70	0.0
	1.0s	39.10nm			5.6mb	
LMR	65.48	317	eP	51	01.80	0.1
	1.0s	20.00nm			5.3mb	
MMK	65.50	320	eP+	51	01.90	-0.2
LRG	65.62	317	eP	51	03.00	0.4
	1.0s	20.00nm			5.3mb	
ZUL	65.79	321	eP+	51	03.20	-0.5
DIX	65.87	320	eP+	51	04.40	-0.1
SUF	66.05	341	eP	51	05.00	-0.1
LPG	66.08	319	iPd	51	05.10	-0.8
	0.9s	13.10nm			5.1mb	
CDR	66.10	317	ePd	51	06.00	0.2
EMS	66.17	320	eP+	51	05.90	-0.5
CN2	66.51	43	eP	51	07.20	-1.1
CDF	66.84	322	eP	51	10.00	-0.5
BSF	66.92	321	eP	51	10.20	-0.8
SMF	68.38	319	iPd	51	19.40	-0.7
	1.0s	12.80nm			5.1mb	
LBF	68.40	320	eP	51	19.90	-0.4
	0.9s	9.40nm			5.0mb	
MEM	68.45	324	P	51	20.80	0.4
WTS	68.54	325	ePc	51	22.00	1.1
	0.9s	10.00nm			5.0mb	
		e		51	41.00	
ENN	68.56	324	ePc	51	21.50	0.4
	1.0s	14.00nm			5.1mb	
LOR	68.57	320	iPd	51	20.90	-0.4
	0.9s	13.10nm			5.1mb	
SSF	68.73	320	eP	51	21.90	-0.4
	0.9s	18.60nm			5.3mb	
AVF	68.74	319	eP	51	21.60	-0.7
BGF	69.00	319	iPd	51	24.00	0.1
	0.9s	26.70nm			5.4mb	
HFS	69.01	335	eP	51	23.60	-0.1
	0.9s	35.30nm			5.6mb	
CAF	69.02	317	eP	51	24.20	0.1
	0.8s	6.70nm			4.9mb	
MZF	69.06	319	eP	51	24.20	-0.2
	0.9s	11.00nm			5.0mb	
DOU	69.10	323	P	51	24.40	-0.1
TCF	69.33	319	eP	51	26.00	0.0
SNF	69.44	323	P	51	26.80	0.3
RJF	69.50	317	eP	51	27.40	0.3
	1.0s	21.60nm			5.3mb	
LPO	69.55	317	eP	51	27.80	0.5
	0.9s	16.30nm			5.2mb	
EPF	69.69	315	eP	51	28.60	0.3
LSF	69.77	318	iPd	51	28.70	0.0
	0.9s	14.20nm			5.1mb	
KIC	69.87	276	eP	51	30.70	0.9
	1.3s	107.00nm			5.8mb	
LFF	69.93	317	eP	51	30.20	0.6
	0.8s	8.40nm			4.9mb	
NB2	70.53	335	P	51	32.30	-0.8
	1.0s	18.50nm			5.2mb	
MFF	70.98	318	eP	51	36.10	0.1
	1.0s	24.00nm			5.3mb	
WRA	71.47	112	eP	51	37.80	-1.6
LDF	71.53	320	eP	51	39.10	-0.2
	1.0s	16.00nm			5.1mb	
FLN	71.81	321	eP	51	40.80	-0.1
	0.8s	8.30nm			4.9mb	
GRR	71.94	320	eP	51	41.50	-0.2
LPF	71.96	320	eP	51	41.80	-0.1
	1.0s	28.40nm			5.3mb	
EKA	75.25	327	P	52	01.00	0.1
	2.0s	86.30nm			5.4mb	
DAG	85.55	347	iPd	52	56.30	1.0
	0.8s	19.40nm			5.4mb	
SNA	85.62	198	e(P)	52	57.00	1.2
BDW	134.00	355	ePKP	59	36.30	0.2
	1.0s	1.80nm				
ALQ	141.28	349	ePKP	59	44.00	-5.8X
	1.0s	5.00nm				
JCT	143.62	338	ePKP	59	51.80	-1.9
	1.0s	15.00nm				
GLA	143.94	0	iPKP	59	53.50	-0.7
LTX	145.97	343	iPKP	00	00.50	2.7
	0.8s	26.28nm				

S.D. = 0.8 on 78 of 84 obs.

& SEP 23, 1985 06h 18m 28.96s
60.521 N 151.209 W
DEPTH = 53.5km
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

NKA	0.22	356	iP	18	39.19	1.3
NNL	0.48	185	eP	18	41.02	0.7
SLKM	0.49	91	iP	18	40.04	-0.4
RDT	0.59	276	iP	18	41.08	-0.6
		iS		18	51.22	
BRLK	0.78	168	iP	18	43.75	-0.2
SPU	0.78	328	iP	18	43.32	-0.8
		iS		18	54.72	
ILM	0.87	248	iP	18	44.47	-0.7
		iS		18	57.31	
CGLM	0.88	334	iP	18	44.72	-0.7
		iS		18	57.58	
CRP	0.88	329	iP	18	44.75	-0.7
MPA	0.92	91	eP	18	45.26	-0.5
SEW	0.97	115	iP	18	46.36	-0.2
SUA	0.97	13	iP	18	46.01	-0.7
CNPM	1.00	181	iP	18	46.75	-0.2
PMS	1.09	47	eP	18	47.57	-0.6
PTE	1.13	71	eP	18	48.05	-0.6
PWA	1.31	29	eP	18	51.31	0.2
PWL	1.45	75	eP	18	52.10	-1.2
SKT	1.47	354	iP	18	53.28	-0.3
PLRM	1.48	42	eP	18	52.47	-1.0
PME	1.53	43	eP	18	54.18	-0.2
KNK	1.61	55	eP	18	54.51	-1.0
PDB	1.66	245	eP	18	55.29	-0.9
GHO	1.67	40	eP	18	55.56	-0.9
KNIM	1.73	94	iP	18	55.28	-1.9
LOU	1.77	90	iP	18	55.38	-2.2
CFI	1.81	67	iP	18	56.69	-1.5
MTU	1.85	105	iP	18	57.49	-1.3
SML	1.90	46	eP	18	58.24	-1.3

GLI	2.06	78	eP	18	59.32	-2.4
SVW	2.24	287	eP	19	02.14	-2.2
VZW	2.35	75	eP	19	03.46	-2.4
VLZ	2.47	74	iP	19	05.45	-2.0
KLU	2.75	67	iP	19	09.66	-2.0
TOA	2.90	55	eP	19	12.81	-1.0
TTA	3.33	319	eP	19	18.07	-1.7
GLB	3.72	72	eP	19	22.39	-3.0
COL	4.67	18	eP	19	39.00	0.4

37 obs. associated

• SEP 23, 1985 06h 37m 59.91± 0.98s
39.602 S ±12.7km 73.547 W ±14.6km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)

PEL	6.85	21	iP	39	41.80	1.2
VBA	9.16	84	eP	40	13.50	0.6
ARE	23.13	5	eP	43	08.00	3.6X
VAO	27.95	62	eP	43	48.30	-1.2
BAO	32.69	50	ePd	44	31.10	-0.5
SOB1	42.00	53	eP	45	49.50	-0.2
ITR	43.89	55	eP	46	04.90	-0.2
SPA	50.59	180	e(P)	46	57.90	0.6
ALQ	80.16	333	eP	50	08.00	-0.3
	0.9s		2.10nm			4.1mb

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

SEP 23, 1985 07h 45m 49.26± 0.59s
42.042 N ± 5.6km 143.203 E ± 5.3km
DEPTH = 62.4 ± 4.8 km
4.7mb (26 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (II JMA) at Urakawa and (I JMA) at Obihiro.

URA	0.34	290	Pd	45	59.90	0.0
			iS	46	07.70	
OBI	0.88	1	iPc	46	05.60	-0.3
			iS	46	17.40	
KUS	1.29	43	Pc	46	10.60	-0.8
			S	46	26.70	
SAP	1.72	307	eP	46	19.00	1.7
			S	46	39.60	
ASA	1.83	341	eP	46	21.00	2.1
			S	46	42.00	
HAK	1.84	264	eP	46	20.00	1.0
			S	46	42.30	
HAC	1.97	220	eP	46	20.00	-0.9
			S	46	45.40	
ABJ	2.13	22	eP	46	22.00	-1.0
			S	46	48.30	
AOM	2.19	237	eP	46	26.00	2.1
			eS	46	52.00	
MRK	2.80	214	eP	46	31.00	-1.6
			iS	47	06.00	
MAT	6.72	217	iPc	47	27.40	-0.1
			(S)	48	43.00	
MDJ	10.25	289	eP	48	16.50	0.5
CN2	13.13	284	Pc	48	54.20	-0.3
			eS	51	20.00	
BJI	20.46	273	eP	50	21.00	-2.9
TIA	21.01	263	eP	50	26.80	-2.8
XAN	28.01	265	eP	51	35.40	-0.9
GTA	32.73	280	P	52	18.10	0.1
CD2	33.34	264	eP	52	22.80	-0.5
WMQ	40.03	292	P	53	19.50	-0.1
CHG	44.01	252	eP	53	53.50	1.2
COL	44.17	35	eP	53	53.00	0.0
	1.0s		12.00nm			4.6mb
KKN	48.71	272	eP	54	30.00	0.5
	0.9s		20.00nm			5.1mb
PKI	48.73	272	eP	54	30.10	0.2
DMN	48.94	272	eP	54	31.90	0.6
INK	49.32	29	eP	54	32.00	-1.4
MBC	51.34	18	eP	54	48.00	-0.7
SOD	60.91	337	iP	55	55.40	-1.9
DAG	60.92	355	iPc	55	55.10	-2.1
	0.5s		8.45nm			5.1mb
WRA	62.21	189	eP	56	05.70	-0.8
GBA	63.05	264	P	56	12.00	-0.2
			e	58	32.50	
			S	58	42.00	
SUF	64.15	333	eP	56	17.00	-1.9
	0.6s		2.80nm			4.4mb
EDM	64.60	40	iPc	56	21.50	-0.5
NUR	66.20	332	iP	56	30.70	-1.3
	0.5s		16.80nm			5.3mb
SES	67.47	42	eP	56	40.00	-0.4
LRM	69.64	46	eP	56	54.20	0.1
HFS	70.10	336	eP	56	55.10	-1.2
	0.5s		7.10nm			4.9mb
NB2	70.11	337	P	56	54.80	-1.6
	0.7s		3.90nm			4.4mb
EUR	71.69	53	iP	57	07.00	0.4
	0.2s		6.98nm			5.2mb
CLC	73.03	57	eP	57	15.00	0.7
BDW	73.20	47	iP	57	15.50	0.1
	1.0s		3.60nm			4.3mb
SBB	73.61	58	eP	57	18.00	0.3
GSC	73.85	57	eP	57	18.00	-1.1
PLM	75.08	59	eP	57	26.00	-0.3
GLA	76.56	58	eP	57	35.00	0.5
PRU	77.92	329	eP	57	42.00	0.3
			e	58	03.00	
KHC	78.99	329	iPc	57	48.10	0.5
			e	58	04.10	
ALO	80.35	51	eP	57	55.80	0.5
	1.0s		5.00nm			4.4mb
CDF	81.90	332	eP	58	03.20	0.1
LOR	84.05	334	eP	58	14.00	0.0
	0.8s		5.90nm			4.7mb
FLN	84.08	337	eP	58	14.10	-0.1
LDF	84.13	337	eP	58	14.90	0.5
LBF	84.26	333	eP	58	15.10	0.0
	0.8s		2.50nm			4.3mb
SSF	84.35	334	eP	58	15.50	0.0
	0.9s		4.90nm			4.6mb
GRR	84.53	337	eP	58	16.70	0.3
	0.8s		5.10nm			4.6mb
SMF	84.60	333	eP	58	17.00	0.2
	0.7s		3.30nm			4.5mb
AVF	84.63	334	eP	58	17.20	0.3
	0.7s		7.30nm			4.9mb
LPF	84.90	337	eP	58	18.80	0.5
	0.6s		3.40nm			4.6mb
MZF	85.39	334	eP	58	21.60	0.8
	0.8s		10.30nm			5.0mb
TCF	85.45	334	eP	58	21.60	0.5
	0.8s		3.70nm			4.5mb
LSF	85.71	334	eP	58	22.90	0.6
MFF	85.92	336	eP	58	24.00	0.6
	0.8s		6.40nm			4.8mb
LTX	86.01	54	iP	58	25.50	1.3
	1.0s		6.00nm			4.7mb
FRF	86.27	330	eP	58	25.00	-0.2
	0.8s		7.00nm			4.9mb
LRG	86.47	330	eP	58	26.50	0.4
	0.6s		4.30nm			4.8mb
LMR	86.52	330	eP	58	26.50	0.1
	0.6s		3.60nm			4.7mb
CAF	86.70	333	eP	58	28.40	1.1
	0.8s		9.90nm			5.0mb
LPO	87.21	334	eP	58	30.80	1.1
MNG	87.32	156	P	58	31.60	1.6
	0.7s		18.00nm			5.4mb
CCH	144.90	54	PKP	05	21.70	0.3
ITR	146.82	3	ePKP	05	25.80	1.5
SOB1	147.10	7	ePKP	05	27.20	2.4
TPZ	148.22	59	PKP	05	30.30	3.5X
BAO	151.97	23	e(PKP)	05	38.90	6.6X

S.D. = 1.1 on 71 of 73 obs.

• SEP 23, 1985 07h 54m 12.31± 1.97s
41.194 N ±23.2km 22.784 E ± 8.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

VAY	0.21	308	iPg	54	17.20	0.4
			iSg	54	22.30	
MMB	0.81	61	iPgc	54	27.00	-1.1
SKO	1.27	308	ePn	54	35.00	-0.9
OHR	1.50	267	ePn	54	39.60	0.3
			eSn	54	56.90	
PVL	2.64	42	eP	54	57.00	1.4

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

SEP 23, 1985 08h 19m 41.43± 0.66s
40.390 N ± 5.6km 23.449 E ± 5.8km
DEPTH = 10.0km (geophysicist)
GREECE (364)

OUR	0.41	98	ePgd	19	49.30	-0.5
			eSg	19	55.00	
SOH	0.44	351	ePgd	19	49.60	-0.8
THE	0.44	303	ePg	19	50.60	0.2
PAIG	0.49	159	ePgc	19	51.30	-0.2
SRS	0.73	8	ePgd	19	54.70	-1.2
			eSg	20	05.20	
LIT	0.79	249	ePg	19	56.70	-0.1
KNT	0.88	332	ePg	19	09.80	-48.5X
VAY	1.14	325	ePn	20	03.30	0.5
			eSn	20	20.70	
KDZ	1.91	48	iPc	20	16.00	1.7
VTS	2.22	355	eP	20	19.00	0.3
PVL	3.04	25	eP	21	18.00	47.6X

S.D. = 1.0 on 9 of 11 obs.

SEP 23, 1985 09h 10m 26.49± 0.29s
37.460 N ± 4.1km 118.623 W ± 2.5km
DEPTH = 5.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
ML 3.5 (BRK), 3.6 (PAS).

PPK	0.57	93	iPc	10	37.80	-0.1
SVP	0.70	68	iPc	10	40.40	-0.1
LCH	0.81	106	eP	10	42.30	-0.5
MGM	0.90	91	iPc	10	43.90	-0.4
FRI	0.98	242	iPc	10	44.30	-1.3
MNA	1.04	21	iPc	10	46.40	-0.3
			iS	11	00.50	
JAS1	1.50	289	ePd	10	53.20	-0.9
			iS	11	11.60	
VPEM	1.64	156	eP	10	56.50	0.3
ISA	1.80	176	eP	10	59.40	1.0
			eS	11	12.50	
LLA	2.04	246	ePc	11	02.00	0.1
PRI	2.10	232	ePc	11	03.00	0.1
			iS	11	32.80	
SLD	2.11	260	eP	11	03.30	0.4
SAO	2.36	254	ePc	11	06.90	0.4
MHC	2.41	268	ePc	11	08.30	1.0
PRS	2.47	244	e(P)	11	07.30	-0.8
GCC	2.73	262	ePd	11	11.60	-0.1
EUR	2.90	45	iP	11	15.30	0.9
BRK	2.92	279	eP	11	14.70	0.3
PCC	2.99	272	ePc	11	15.30	-0.1
ORV	3.08	314	eP	11	16.70	0.0
MIN	3.70	322	eP	11	26.00	0.3

S.D. = 0.6 on 21 of 21 obs.

• SEP 23, 1985 09h 45m 04.73± 1.74s
17.994 N ±20.4km 103.203 W ±12.7km
DEPTH = 33.0km (normal)
3.8mb (5 obs.)
NEAR COAST OF MICHOACAN, MEXICO (56)

III	3.57	83	eP	46	02.00	2.6
			iS	46	44.50	
OXM	3.58	68	eP	46	00.00	0.4
TPM	4.05	75	eP	46	05.50	-0.7
IIC	4.13	64	eP	46	11.00	3.6X
VHO	6.22	96	iP	46	36.50	-0.3
PBJ	7.61	101	eP	46	55.00	-1.2
			i	48	26.00	
LTX	11.30	358	eP	47	46.50	-0.5
	1.0s		23.00nm			5.3mb X
JCT	12.81	13	eP	48	09.00	1.7
	1.0s		20.00nm			5.2mb X
ALQ	17.13	351	eP	49	02.30	-1.1
	0.9s		4.20nm			3.6mb
BHO	17.94	23	eP	49	11.50	-1.8
	0.7s		1.70nm			3.3mb
GLA	18.28	327	eP	49	25.00	7.5X
VVO	18.50	20	ePd	49	16.90	-3.3X
TUL	19.02	19	iPd	49	20.80	-5.7X
	1.0s		27.00nm			4.4mb
	Z 17s		0.56um			
GSC	21.05	328	eP	49	48.00	-0.4
SBB	21.13	325	eP	49	51.00	1.9
GOL	21.71	355	P	49	55.40	0.2
MSU	21.89	341	P	49	58.70	1.7
DAU	23.40	344	P	50	11.80	-0.1
DUG	23.63	341	P	50	15.20	1.2
	0.8s		5.56nm			4.1mb
BDW	25.29	349	eP	50	28.50	-1.5
	0.9s		1.54nm			3.6mb
INK	53.81	347	eP	54	24.00	-2.1

S.D. = 1.5 on 17 of 21 obs.

23d 10h

& SEP 23, 1985 10h 06m 25.40s
60.488 N 147.305 W
DEPTH = 20.7km
SOUTHERN ALASKA (2)
<AGS-P>.

LOU	0.17	262	iP	06	30.26	0.0
KNIM	0.26	237	iP	06	31.19	-0.3
			iS	06	35.75	
GLI	0.41	15	iP	06	33.40	-0.5
			iS	06	40.19	
HIN	0.41	103	iP	06	33.55	-0.4
			iS	06	40.33	
MTU	0.53	199	iP	06	35.45	-0.5
			iS	06	43.52	
PWL	0.63	307	iP	06	36.63	-1.0
VZW	0.68	32	iP	06	37.58	-1.0
			iS	06	47.44	
CFI	0.73	342	iP	06	38.31	-1.0
VLZ	0.80	36	iP	06	39.46	-1.1
PTE	0.93	295	iP	06	41.37	-1.3
			iS	06	54.11	
MPA	1.02	271	iP	06	42.66	-1.5
SGAM	1.04	88	iP	06	43.13	-1.4
KNK	1.08	329	iP	06	44.21	-1.2
			iS	06	58.92	
SEW	1.14	251	iP	06	44.29	-1.8
			iS	06	59.02	
MID	1.17	155	eP	06	45.69	-0.9
KLU	1.21	33	iP	06	46.11	-1.2
			iS	07	03.05	
PMS	1.34	306	iP	06	48.11	-0.9
SCM	1.35	360	eP	06	48.70	-0.5
SML	1.42	340	iP	06	49.72	-0.4
PME	1.42	324	eP	06	49.69	-0.4
PLRM	1.42	322	eP	06	49.38	-0.7
PMR	1.42	322	eP	06	49.48	-0.6
SLKM	1.44	272	iP	06	49.09	-1.4
GNO	1.51	329	eP	06	51.25	-0.2
HMT	1.52	94	eP	06	50.16	-1.4
KAIM	1.55	110	iP	06	51.50	-0.5
			iS	07	11.87	
PWA	1.71	314	iP	06	53.71	-0.6
IOA	1.71	18	iP	06	54.69	0.3
BRLK	1.93	249	iP	06	55.50	-2.1
			iS	07	19.03	
SUA	1.94	302	eP	06	56.20	-1.6
GLB	1.95	59	eP	06	56.81	-1.1
NKA	1.96	279	eP	06	58.14	0.3
CNPM	2.20	246	eP	06	59.35	-2.1
WAX	2.21	89	iP	06	59.62	-1.9
SPU	2.43	289	iP	07	02.55	-2.1
CGLM	2.44	292	iP	07	02.96	-1.9
BALM	2.50	75	iP	07	03.87	-1.8
CRP	2.50	290	iP	07	04.16	-1.6
RDT	2.52	274	eP	07	03.41	-2.7
SKT	2.53	308	iP	07	04.12	-2.0
ILM	2.76	266	eP	07	06.59	-2.7
YAH	2.76	90	eP	07	07.00	-2.6
GYO	2.92	94	eP	07	06.72	-4.9
CTGM	2.97	78	eP	07	11.01	-1.5
COL	4.43	357	eP	07	34.00	0.9

45 obs. associated

SEP 23, 1985 10h 46m 09.45± 0.30s
12.626 N ± 6.4km 44.377 W ± 6.2km
DEPTH = 10.0km (geophysicist)
4.6mb (13 obs.) 4.0Msz (1 obs.)
NORTH ATLANTIC RIDGE (403)

SOB1	21.97	171	eP	51	04.00	-1.4
			e	51	06.30	
			e	51	10.40	
ITR	22.06	164	eP	51	02.20	-4.1X
			e	51	04.50	
CCH	36.76	216	eP	53	20.00	0.5
ZOBO	37.09	220	P	53	22.70	0.1
Z	20s		0.26um			4.0Msz
			LR	05	08.00	
LPB	37.27	220	Pd	53	25.10	1.1
	0.9s		13.45nm			4.7mb
			eLR	07	10.00	
TPZ	39.83	212	iP	53	46.20	0.9
EPF	48.98	43	eP	54	59.40	1.2
	0.5s		1.70nm			4.3mb
LFF	50.05	41	eP	55	07.00	0.7
LPO	50.23	42	eP	55	08.20	0.5
MFF	50.24	39	eP	55	08.40	0.7
LPF	50.39	37	eP	55	09.60	0.8
	0.8s		8.70nm			4.8mb
RJF	50.70	41	eP	55	11.40	0.1
CAF	50.90	42	eP	55	13.00	0.2
	0.7s		3.30nm			4.4mb
LSF	51.12	40	eP	55	14.90	0.5
VVO	51.44	305	eP	55	17.50	0.5
TCF	51.56	40	eP	55	18.40	0.6
TUL	51.61	306	eP	55	18.50	0.2
	1.0s		9.90nm			4.7mb
BGF	52.07	40	eP	55	21.90	0.2
AVF	52.49	40	eP	55	24.80	0.0
	0.6s		1.80nm			4.2mb
LBF	52.96	40	eP	55	28.20	-0.2
LOR	53.00	39	eP	55	28.50	-0.1
JCT	54.00	299	eP	55	35.50	-0.7
	1.1s		6.33nm			4.6mb
KHC	59.74	40	eP	56	16.00	-0.8
ALO	60.05	303	e(P)	56	20.00	0.6
BNG	62.63	92	iPc	56	35.90	-1.1
	0.7s		9.00nm			5.1mb
N82	62.73	27	P	56	36.40	-0.4
	0.7s		2.40nm			4.5mb
BDW	63.35	312	eP	56	40.80	-0.7
	1.1s		1.88nm			4.2mb
HFS	63.49	28	eP	56	39.80	-2.0
	0.8s		10.60nm			5.1mb
SES	65.52	320	ePc	56	54.80	-0.5
DAG	65.54	6	IPc	56	54.40	-0.5
	0.6s		4.00nm			4.8mb
EDM	67.41	323	eP	57	07.00	-0.3
NEW	69.20	317	eP	57	17.00	-1.5
PNT	70.92	318	eP	57	29.00	0.1
MBC	74.25	346	eP	57	49.00	0.9
INK	78.05	338	eP	58	09.00	-0.6
COL	84.27	335	eP	58	43.00	0.6
	0.8s		6.72nm			4.9mb

S.D. = 0.8 on 35 of 36 obs.

% SEP 23, 1985 10h 47m 45.00± 1.27s
46.220 N ±15.3km 2.632 E ± 7.3km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.0 (LDG).

MZF	0.03	262	Pg	47	46.70	-0.4
			Sg	47	47.20	
TCF	0.30	283	Pg	47	51.50	0.2
			Sg	47	55.90	
BGF	0.37	24	Pg	47	52.60	0.0
			Sg	47	57.90	
AVF	0.76	41	Pg	47	59.50	-0.3
			Sg	48	09.50	
SMF	0.94	63	Pg	48	03.20	0.3
			Sg	48	14.90	
SSF	1.03	35	Pg	48	04.10	-0.4
			Sg	48	18.10	
LBF	1.20	50	Pg	48	07.80	0.4
			Sg	48	23.00	

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

• SEP 23, 1985 11h 33m 48.65± 0.99s
27.559 N ±11.7km 139.581 E ±15.5km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI	2.36	101	eP	34	26.00	0.1
MAT	9.03	353	(P)	36	00.00	0.2
			eS	37	40.00	
BJI	23.02	309	eP	38	58.00	6.4X
			eS	43	12.00	
WRA	47.49	187	Pc	42	22.60	0.0
	0.5s		0.50nm			3.8mb
COL	58.04	29	eP	43	40.00	-0.4
NEW	78.12	42	eP	45	46.00	0.0

S.D. = 0.4 on 5 of 6 obs.

SEP 23, 1985 12h 08m 51.85± 0.38s
47.346 N ± 3.9km 11.280 E ± 3.7km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 3.5 (GRF), 3.4 (KBA), 3.2 (FUR), 3.2 (LDG), 2.9 (TRI).
Felt (IV) at Zirl.

IBK	0.11	140	IPgd	08	55.40	-1.3
			iSg	09	55.70	
GAP	0.20	312	IPgc	08	56.00	-0.2
			eSg	09	00.60	
OGA	0.51	200	IPgd	09	00.50	-1.7
FUR	0.82	360	iPgc	09	08.50	0.7
OSS	1.02	230	iP+	09	10.00	-1.2
BHG	1.15	70	IPgd	09	15.90	2.6X
SAX	1.32	267	iP+	09	18.60	2.2
KBA	1.43	100	iPnc	09	17.40	-0.6
	0.5s		69.30nm			
			i(Pg)	09	19.00	
			i	09	22.30	
			iSg	09	38.30	
			i	09	41.70	
			i	09	43.30	
LLS	1.63	254	eP+	09	23.30	2.4X
SLE	1.93	284	ePd	09	28.30	3.2X
ZUL	1.97	275	eP+	09	29.20	3.6X
TMA	2.07	234	eP+	09	29.70	2.5X
WET	2.09	30	IPnc	09	27.70	0.3
VOY	2.23	125	ePnc	09	31.10	1.6
			iSn	10	01.90	
GRF	2.35	359	iPn	09	30.50	-0.6
			iPg	09	37.20	
			e(Sn)	10	01.40	
			eSg	10	08.70	
KHC	2.36	40	ePn	09	34.80	3.6X
			Pg	09	39.20	
			eSn	10	00.90	
			Sg	10	06.70	
TRI	2.37	133	ePn	09	32.50	1.1
			iSg	10	04.30	
BUH	2.44	304	ePn	09	33.40	1.0
CEY	2.70	125	i(Pn)	09	37.80	1.7
			i(Sn)	10	13.40	
CDF	2.90	293	Pn	09	40.00	1.0
			Pg	09	47.60	
			Sg	10	25.60	
HOF	3.00	7	iPnd	09	38.90	-1.4
BSF	3.08	281	Pn	09	41.50	0.0
			Sn	10	18.00	
			Sg	10	29.80	
MOX	3.31	4	ePn	09	43.00	-1.7
HAU	3.40	283	Pn	09	47.00	1.0
			Sn	10	26.10	
			Sg	10	40.00	
PRU	3.42	38	Pg	09	55.50	9.3X
			Sn	10	26.80	
			Sg	10	41.50	
TNS	3.44	328	ePn	09	47.20	0.7
			eSn	10	46.10	
BRG	3.94	25	e(P)	09	53.00	-0.7
			e	10	06.00	
			e	10	39.00	
			e	10	59.00	
CLL	4.13	15	ePg	10	15.00	18.8X
			eSg	11	05.00	
FRF	4.99	222	Pn	10	08.70	0.1
LBF	4.99	269	Pn	10	08.20	-0.4
SMF	5.14	265	Pn	10	10.40	-0.2
LMR	5.23	222	Pn	10	12.10	0.1
SSF	5.31	270	Pn	10	12.80	-0.2
AVF	5.44	267	Pn	10	14.40	-0.6
MZF	6.08	262	Pn	10	23.60	-0.3
CAF	6.84	253	Pn	10	34.40	-0.3

S.D. = 1.1 on 28 of 36 obs.

• SEP 23, 1985 13h 04m 17.50± 1.91s
43.387 N ±13.7km 19.915 E ±20.3km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

IVA	0.52	181	ePg	04	26.50	-1.5
			eSg	04	33.00	
TTG	1.07	207	ePg	04	38.00	0.4
			eSg	04	52.50	
SKO	1.81	141	ePn	04	49.00	0.1
OHR	2.37	164	ePn	04	58.40	1.4
CLO	2.67	50	eP	05	01.00	-0.4

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

% SEP 23, 1985 13h 16m 53.90± 0.77s
60.508 N ± 5.8km 5.496 E ± 6.9km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.9 (BER). Proboble

explosion.

ASK	0.15	261	iPg	16 57.50	0.6
			eSg	16 59.00	
SUE	0.66	327	ePg	17 06.50	-0.5
			iSg	17 16.50	
HYA	0.74	27	iPg	17 09.00	0.3
			eSg	17 21.50	
ODD	0.81	133	iPn	17 10.20	0.2
			eSn	17 21.50	
KMY	1.31	186	iPn	17 18.50	-0.5
			iSn	17 34.80	

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

% SEP 23, 1985 13h 29m 36.85± 0.91s
46.752 N ± 9.0km 5.905 E ± 7.9km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.9 (LDG).

BSF	1.24	29	Pg	30 00.50	0.6
			Sn	30 15.60	
HAU	1.29	13	Pn	29 59.50	-1.3
			Sg	30 01.60	
			Sn	30 17.80	
LBF	1.34	281	Pg	30 03.40	1.8
			Sn	30 21.20	
LPG	1.39	155	Pn	30 02.90	0.4
			Pg	30 04.80	
			Sn	30 22.50	
SMF	1.42	266	Pn	30 02.10	-0.7
			Pg	30 05.50	
			Sn	30 22.30	
LOR	1.49	291	Pg	30 05.20	1.5
			Sn	30 25.10	
BGF	2.12	266	Pn	30 12.20	-0.5
			Pg	30 18.00	
			Sg	30 46.00	
MZF	2.36	258	Pn	30 15.50	-0.7
			Pg	30 24.00	
			Sg	30 52.90	
TCF	2.59	261	Pn	30 18.50	-1.1

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

SEP 23, 1985 14h 26m 10.10± 0.72s
9.707 S ± 4.5km* 159.833 E ± 6.8km
DEPTH = 31.5 ± 5.4 km
4.9mb (6 obs.)
SOLOMON ISLANDS (193)
Felt (IV) at Honiara.

HNR	0.30	22	iPd	26 17.00	-0.6
			iS	26 23.50	
VSG	0.47	345	iP	26 20.50	0.4
			iS	26 30.50	
SVO	0.55	358	iP	26 21.00	-0.5
			iS	26 31.00	
PAA	5.47	308	eP	27 34.00	2.3
			eS	29 50.00	
BGA	5.81	307	eP	27 32.00	-4.5X
			eS	29 05.00	
ALOA	9.33	266	eP	28 29.00	3.5X
PVC	11.47	135	iPd	28 54.00	-0.8
KOU	11.61	159	iPc	28 56.30	-0.5
DZM	13.84	153	iPd	29 27.00	0.5
NOU	14.05	154	iPc	29 30.00	0.9
BRS	18.81	200	iPc	30 30.70	1.0
YOU	26.62	202	eP	31 48.10	0.4
WRA	26.62	245	eP	31 46.20	-1.7
CAN	27.35	200	eP	31 54.80	0.4
WAM	28.18	199	eP	32 02.50	0.6
MNG	33.77	158	P	32 49.60	-1.6
KMI	65.49	303	eP	36 53.00	-0.2
CHG	66.38	295	eP	36 58.50	-0.2
SBA	68.22	178	e(P)	37 09.50	0.2
SHL	74.79	300	iP	37 48.60	-1.1
SPA	80.36	180	eP	38 20.10	0.4
	0.8s		3.33nm		4.4mb
PKI	80.92	300	eP	38 23.20	-0.5
	0.8s		7.00nm		4.7mb
KKN	81.09	300	eP	38 23.90	-0.5
	0.8s		7.00nm		4.7mb
DMN	81.19	300	eP	38 25.00	0.0
	0.8s		15.00nm		5.1mb
COL	83.96	20	iPc	38 37.20	-1.0
	0.8s		50.17nm		5.7mb
GBA	84.97	285	P	38 51.50	7.4X
PRS	86.80	53	eP	38 53.80	0.9
MHC	86.84	51	eP	38 54.00	0.8
WDC	87.00	48	ePc	38 54.40	0.7
LLA	87.20	52	eP	38 55.70	0.9
PRI	87.30	53	eP	38 56.70	1.2
ORV	87.51	49	ePc	38 56.40	0.2
JAS1	87.92	51	ePc	38 58.60	0.3
FRI	88.25	52	ePc	39 00.30	0.5
MNA	89.77	51	ePc	39 08.00	0.7
INK	90.58	20	eP	39 09.00	-1.1
EUR	91.66	50	iP	39 16.50	0.5
	0.5s		5.05nm		5.2mb
NB2	123.78	342	PKP	45 04.60	-1.6
	0.8s		2.10nm		
BNG	141.25	265	ePKPd	45 33.40	-7.1X
	1.0s		10.00nm		
			i	45 36.20	
			i	45 46.40	
ATB	145.55	110	PKPc	45 46.00	-1.9
SOB1	152.09	132	ePKP	46 03.20	5.1X
			e	46 12.40	
IFR	152.56	332	iPKP	46 06.00	7.6X

S.D. = 1.0 on 36 of 42 obs.

* SEP 23, 1985 15h 45m 01.55± 1.60s
32.343 S ±14.1km 122.498 E ±11.8km
DEPTH = 33.0km (normal)
WESTERN AUSTRALIA (590)

KLG	1.79	330	eP	45 31.30	0.7
KLB	4.10	279	eP	46 14.00	10.6X
			eS	46 59.00	
NWAO	4.48	261	eP	46 21.00	12.1X
	0.3s		12.00nm		
RKG	4.91	248	eP	46 16.00	1.0
			eS	47 13.00	
BAL	5.24	288	eP	46 19.00	-0.7
			eS	47 16.00	
MUN	5.35	272	eP	46 20.00	-1.1
			eS	47 16.00	
MRWA	6.40	297	eP	46 36.00	0.0
			eS	47 45.40	
MEK	6.67	328	eP	46 41.00	1.2
	0.4s		25.00nm		5.4mb
			eS	47 56.00	
MBL	11.39	347	eP	47 44.00	-1.0
			eS	49 42.00	
WRA	16.28	44	eP	48 49.20	-0.1
			eS	51 45.70	

S.D. = 1.1 on 8 of 10 obs.

% SEP 23, 1985 16h 26m 24.00± 0.78s
60.724 N ± 5.6km 5.568 E ± 7.5km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.1 (BER). Probable explosion.

ASK	0.30	217	iPg	26 30.20	0.1
SUE	0.52	311	iPg	26 34.00	-0.3
			eSg	26 41.50	
HYA	0.54	34	iPg	26 35.00	0.3
			eSg	26 42.80	
ODD	0.95	144	iPg	26 42.40	-0.5
			eSg	26 55.20	
KMY	1.53	186	iPn	26 53.00	0.4
			iSn	27 12.80	

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

? SEP 23, 1985 16h 33m 03.14± 1.08s
37.120 N ±48.7km 67.625 E ±29.2km
DEPTH = 33.0km (normal)
4.1mb (3 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

NDI	11.64	133	eP	35 50.00	0.0
DMN	17.53	118	eP	37 07.00	0.2
	0.5s		11.00nm		4.2mb
KKN	17.54	117	eP	37 06.80	-0.2
	0.5s		5.00nm		3.9mb
PKI	17.77	117	eP	37 09.80	0.0
	0.5s		8.00nm		4.1mb
HYB	21.87	151	eP	38 03.00	8.1X
SHL	23.64	112	eP	38 18.20	5.8X
EBR	51.17	296	eP	42 05.00	0.0

S.D. = 0.2 on 5 of 7 obs.

* SEP 23, 1985 17h 27m 25.67± 1.27s
31.413 S ±10.2km 68.102 W ±12.4km
DEPTH = 26.3 ± 13.9 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.23	211	iPc	27 31.90	0.0
			S	27 36.20	
RTLL	0.33	285	iPd	27 32.40	-0.8
ZON	0.51	255	iPd	27 36.50	0.4
			eS	27 45.00	
RTCB	0.60	263	iPc	27 38.00	0.4
			S	27 47.70	
VCA	2.66	358	ePd	28 08.20	0.2
			S	28 40.00	
RFA	3.36	185	ePd	28 17.60	-0.2
			S	29 12.30	

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

SEP 23, 1985 17h 28m 41.99± 0.19s
17.772 S ± 4.2km 13.740 W ± 3.8km
DEPTH = 10.0km (geophysicist)
5.2mb (49 obs.) 5.0Msz (7 obs.)
SOUTH ATLANTIC RIDGE (410)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 28C
Centroid Location:
Origin Time 17:28:44.4 0.9
Lat 18.00S 0.09 Lon 13.75W 0.07
Dep 10.0 FIX Half-duration 1.7
Moment Tensor; Scale 10**24 D-CM
Mrr=-1.18 0.04 Mtt= 0.20 0.05
Mff= 0.98 0.06 Mrt=-0.33 0.17
Mrf=-0.12 0.17 Mtf=-0.67 0.05
Principal Axes:

T	Val= 1.37	Plg= 2	Azm=240
N	-0.08	18	149
P	-1.29	72	334

Best Double Couple:Mo=1.3*10**24
NP1:Strike=347 Dip=46 Slip= -65
NP2: 133 49 -113

CAI	25.42	293	eP	34 11.30	-0.3
KIC	25.57	21	iP	34 12.30	-0.6
	1.0s		93.00nm		5.4mb
ITR	25.61	287	eP	34 11.50	-1.9
			e	34 12.70	
			i	34 20.10	
			e	34 32.70	
SOB1	27.71	284	eP	34 32.00	-0.7
			e	34 35.40	
			e	34 39.30	
			e	34 41.70	
			e	34 45.20	
WIN	29.31	105	iPd	34 46.80	-0.4
	0.8s		22.39nm		5.0mb
VAO	31.53	255	eP	35 06.20	-0.6
			e	35 12.80	
MBO	32.12	354	iPc	35 12.00	0.2
BAO	32.85	269	iPc	35 18.10	-0.3
			i	35 25.10	
BNG	38.75	58	iPd	36 07.90	-0.7
	1.0s		34.00nm		5.0mb
			i	36 23.40	
			i	37 33.20	
SLR	39.69	109	eP	36 14.00	-2.4
Z	20s		2.48um		5.0Msz
BUL	40.05	100	iPd	36 18.20	-1.3
	0.8s		20.90nm		4.9mb
LSZ	40.22	93	iP	36 21.00	0.2
	1.0s		47.10nm		5.1mb
ATB	40.36	286	Pd	36 22.00	0.1
KRI	41.34	95	iPd	36 29.00	-1.0
MTD	43.21	96	iPd	36 46.50	1.2
LWI	44.49	75	iPd	36 56.00	0.1
TET	45.20	95	iP	37 05.00	3.7X
VBA	46.59	234	ePc	37 11.40	-0.6
HJA	48.50	254	ePd	37 29.60	2.4
SLA	48.50	252	ePc	37 27.00	-0.4
YJA	48.66	256	ePd	37 29.00	0.0
TPZ	48.92	257	P	37 33.00	2.1
CCH	49.82	262	P	37 38.00	0.2
			i	37 45.50	
AVE	51.14	7	iP	37 48.50	1.3
IFR	51.66	9	iP	37 53.00	1.7
LPB	51.80	263	Pd	37 52.00	-1.1
	1.0s		26.00nm		5.1mb

23d 17h

	Z 19s	3.47um		5.4Msz		
		S	45 16.00			
		LR	53 30.00			
ZOBO	51.87	263 P	37 52.40	-1.4		
SNA	52.99	175 eP	38 01.00	0.3		
ANT	53.05	253 eP	38 08.00	6.2X		
ARE	55.02	262 eP	38 16.00	-0.8		
TOL	58.06	9 eP	38 39.00	1.4		
EBR	59.77	12 (P)	38 57.00	7.5X		
		(S)	47 10.00			
SYO	60.76	161 eP	38 55.70	-0.2		
LGR	60.82	10 eP	38 53.00	-3.6X		
EPF	61.87	12 eP	39 04.20	0.4		
	1.7s	32.30nm		5.2mb		
MLS	61.95	12 iPc	39 04.60	0.3		
BOG	63.52	285 eP	39 14.00	-1.6		
		eS	47 53.00			
LMR	63.59	16 eP	39 15.10	0.0		
	1.0s	8.00nm		4.9mb		
LPO	63.63	12 eP	39 15.40	0.1		
	1.3s	24.50nm		5.2mb		
LRG	63.66	16 eP	39 16.00	0.5		
	1.2s	17.80nm		5.1mb		
CDR	63.71	16 ePd	39 15.70	-0.2		
		e	39 22.80			
		e	39 49.40			
		e	41 43.20			
LFF	63.78	11 eP	39 16.50	0.1		
	1.1s	15.90nm		5.1mb		
FRF	63.83	16 eP	39 16.60	-0.1		
	1.2s	19.40nm		5.2mb		
CAF	64.04	12 eP	39 17.90	-0.2		
	1.4s	23.50nm		5.2mb		
RJF	64.29	12 eP	39 19.40	-0.3		
	1.2s	20.20nm		5.2mb		
LSF	65.20	12 eP	39 26.00	0.4		
MFF	65.24	10 eP	39 26.10	0.3		
	1.4s	34.80nm		5.4mb		
TCF	65.37	12 eP	39 27.00	0.3		
	1.2s	24.70nm		5.3mb		
MZF	65.38	12 eP	39 27.20	0.5		
	1.8s	41.40nm		5.3mb		
BGF	65.76	12 eP	39 29.40	0.3		
	1.3s	18.70nm		5.1mb		
SMF	66.05	13 eP	39 31.10	0.1		
	1.4s	30.40nm		5.3mb		
AVF	66.08	13 eP	39 31.40	0.2		
	1.5s	29.30nm		5.3mb		
DIX	66.37	16 eP+	39 33.00	-0.4		
SSF	66.37	13 eP	39 33.00	-0.1		
	1.6s	55.90nm		5.5mb		
LBF	66.40	13 eP	39 33.10	-0.2		
	1.4s	18.40nm		5.1mb		
LPF	66.48	9 eP	39 34.00	0.3		
	1.3s	34.70nm		5.4mb		
MMK	66.49	16 eP+	39 33.60	-0.6		
LOR	66.65	13 eP	39 34.60	-0.2		
	1.4s	17.40nm		5.1mb		
OHR	66.77	28 eP	39 36.00	0.2		
TMA	66.79	17 eP+	39 34.40	-1.6		
GRR	66.86	9 eP	39 35.90	-0.2		
	1.5s	54.20nm		5.5mb		
PRNI	67.00	45 iP	39 45.00	7.6X		
LDF	67.17	10 eP	39 38.20	0.1		
	1.5s	35.50nm		5.3mb		
FLN	67.28	9 eP	39 38.60	-0.2		
	1.6s	25.90nm		5.2mb		
LLS	67.52	17 eP+	39 39.40	-1.3		
OSS	67.68	18 eP+	39 40.90	-0.7		
VAY	67.74	29 iP	39 41.40	-0.4		
SKO	67.75	28 iPd	39 41.20	-0.7		
		eS	48 38.00			
BSF	67.85	15 eP	39 41.80	-0.8		
	1.3s	20.00nm		5.1mb		
HAU	67.90	14 eP	39 42.20	-0.6		
	1.3s	28.80nm		5.3mb		
TRI	67.93	20 eP	39 42.00	-0.9		
		ePPP	43 46.00			
		iS	48 42.00			
		eSP	49 09.00			
		eSSS	56 08.00			
SAX	67.97	17 eP+	39 42.70	-0.9		
JER	68.03	44 iPd	39 45.00	1.1		
		eS	48 56.00			
OGA	68.10	18 iPc	39 43.80	-0.5		
	1.5s	43.00nm		5.4mb		
SLE	68.22	16 eP+	39 43.40	-1.4		
VOY	68.25	20 eP	39 44.90	-0.2		
LJU	68.48	21 eP	39 47.00	0.6		
MMB	68.49	29 eP	39 47.00	0.5		
CDF	68.51	15 eP	39 46.20	-0.4		
	1.2s	11.90nm		5.0mb		
MAW	68.61	156 eP	39 47.00	0.1		
KBA	69.00	19 eP	39 49.00	-0.8		
	1.0s	9.20nm		4.9mb		
		e	39 58.30			
VTS	69.04	28 iP	39 50.00	0.2		
KDZ	69.30	30 IPd	39 51.00	-0.5		
HRI	69.33	43 iP	39 54.00	2.0		
FUR	69.35	18 eP	39 52.50	0.8		
KGT	69.37	32 eP	39 51.70	-0.2		
WLF	69.41	14 P	39 52.20	0.2		
BHG	69.43	19 iPd	39 52.20	0.0		
DOU	69.48	12 Pc	39 53.10	0.6		
	Z 22s	1.10um		5.1Msz		
EDC	69.58	33 eP	39 53.10	-0.1		
DIM	69.72	30 iP	39 51.00	-3.0X		
UCC	70.10	12 P+	39 57.00	0.8		
MEM	70.27	13 P	39 57.90	0.7		
ENN	70.40	13 eP	39 59.50	1.5		
SOP	70.59	21 e(P)	40 00.00	0.7		
GRF	70.71	17 eP	39 59.50	-0.5		
	Z 20s	0.50um		4.8Msz		
CLO	70.83	27 ePc	40 00.50	-0.3		
KHC	70.89	19 iPc	40 00.60	-0.6		
	Z 18s	0.50um		4.8Msz		
	N 18s	0.40um				
	E 19s	0.50um				
		e	42 30.30			
ZST	71.22	21 eP	40 02.80	-0.3		
		e	42 33.90			
SRO	71.32	22 eP	40 03.10	-0.6		
		e	41 18.60			
MOX	71.68	17 eP	40 05.50	-0.3		
	2.1s	100.00nm		5.6mb		
	Z 24s	0.70um		4.8MszX		
	N 24s	0.40um				
	E 24s	0.40um				
		eS	49 32.00			
PRU	71.94	19 P	40 07.00	-0.4		
	2.2s	97.10nm		5.5mb		
SPA	72.34	180 eP	40 10.90	1.1		
	0.9s	34.55nm		5.4mb		
MLR	72.53	28 ePd	40 10.50	-0.6		
ISR	72.53	29 eP	40 11.00	0.0		
BRG	72.55	18 eP	40 11.30	0.3		
	1.6s	31.00nm		5.1mb		
		e	41 30.00			
		e	42 54.00			
CLL	72.67	17 eP	40 11.00	-0.6		
	2.2s	60.00nm		5.3mb		
VRI	73.17	28 ePc	40 14.00	-0.7		
SPC	73.18	23 eP	40 16.40	1.5		
KSP	73.24	19 eP	40 14.50	-0.5		
EKA	73.37	6 P	40 16.00	0.4		
	1.3s	32.10nm		5.2mb		
KRA	73.79	22 eP	40 18.00	-0.2		
	Z 20s	1.40um		5.2Msz		
	N 20s	1.00um				
	E 20s	1.10um				
		e	40 24.50			
MUD	76.42	13 eP	40 33.00	-0.1		
COP	76.45	15 eP	40 48.00	14.7X		
		iS	50 26.00			
NB2	81.06	12 P	40 59.10	0.7		
	1.1s	16.80nm		5.0mb		
RSNY	83.08	321 eP	41 09.30	0.1		
	1.0s	38.00nm		5.5mb		
NUR	83.92	18 iP	41 14.00	0.9		
	1.0s	40.00nm		5.6mb		
	Z 20s	0.30um		4.7Msz		
		LR	18 40.00			
OTT	84.25	321 eP	41 16.00	1.0		
	0.9s	55.00nm		5.8mb		
SBA	84.57	180 iPd	41 18.00	1.8		
	1.0s	33.00nm		5.5mb		
SUF	86.12	17 iP	41 24.70	0.7		
	0.6s	2.80nm		4.6mb		
BHO	92.81	305 eP	41 56.40	0.2		
	0.7s	1.70nm		4.6mb		
DAG	94.39	359 iPd	42 03.50	1.0		
	0.7s	4.11nm		4.9mb		
JCT	95.54	300 iP	42 09.50	0.6		
	1.0s	30.00nm		5.7mb		
RSON	97.44	321 eP	42 16.20	-0.7		
	0.9s	16.81nm		5.7mb		
ALQ	102.13	303 ePdiff	42 39.00	0.2		
	1.2s	6.64nm		5.2mb		
INK	117.23	339 ePKP	47 36.00	7.5X		
BJI	131.59	52 ePKP	47 57.00	0.1		
		eS	51 25.00			
SHK	145.75	54 ePKPc	48 23.00	0.2		
MAT	148.99	47 (PKP)	48 30.00	2.0		
	1.1s	29.11nm				

S.D. = 0.8 on 121 of 129 obs.

? SEP 23, 1985 19h 13m 38.39± 6.65s
51.592 N ±40.6km 16.234 E ±39.8km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.4 (GRF).

KSP	0.75	177 iP	13 53.20	0.1		
		iS	14 02.50			
BRG	1.61	244 iPg	14 08.20	1.3		
		iSg	14 27.90			
PRU	1.93	214 Pn	14 11.50	-0.1		
		Sn	14 30.50			
		Sg	14 37.00			
CLL	2.04	263 ePn	14 13.00	-0.2		
		i	14 19.90			
		eSg	14 41.00			
KRA	2.81	122 eP	14 35.00	10.9X		
		eS	15 14.00			
KHC	2.99	216 ePn	14 26.50	-0.3		
		Pg	14 33.00			
		Sn	15 00.60			
		Sg	15 12.80			
HOF	3.04	247 iPnc	14 26.90	-0.5		
MOX	3.06	254 ePg	14 36.00	8.3X		
		iSg	15 15.00			
WET	3.26	223 ePn	14 30.60	0.1		
ZST	3.45	170 eP	15 29.30	56.1X		
GRF	3.71	241 ePg	14 36.60	-0.4		
		eSg	15 36.70			

S.D. = 0.7 on 8 of 11 obs.

* SEP 23, 1985 19h 31m 32.92± 0.89s
17.255 N ±10.7km 101.432 W ± 8.1km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.18	59 eP	32 07.50	-0.2		
		iS	32 43.50			
OXM	2.62	39 iP	32 14.50	0.3		
TPM	2.83	52 eP	32 16.50	-0.5		
UNM	2.97	46 eP	32 24.50	5.4X		
VHO	4.49	90 iP	32 40.50	-0.2		
PBJ	5.83	97 eP	33 00.00	0.7		
LTX	12.20	351 eP	34 32.00	4.6X		
	1.0s	3.60nm		4.5mb		
JCT	13.25	6 eP	34 48.30	7.0X		
ALQ	18.18	347 e(P)	35 45.00	0.3		
INK	54.92	346 eP	41 02.00	-0.5		
MBC	59.75	355 eP	41 37.00	0.5		
SOB1	65.34	109 eP	42 14.50	-0.1		
ITR	67.41	107 e(P)	42 16.00	-11.8X		
HYB	145.55	0 ePKP	51 10.00	-0.3		

S.D. = 0.5 on 10 of 14 obs.

% SEP 23, 1985 19h 57m 35.95± 0.88s
39.902 N ± 7.6km 28.227 E ± 7.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KCT	0.36	16 iPg	57 43.20	-0.2		
		iSg	57 48.70			
DST	0.43	134 iPg	57 44.50	-0.2		
		iSg	57 51.50			
BNT	0.51	333 iPg	57 46.20	-0.1		
		iSg	57 53.70			
EDC	0.52	328 iPg	57 46.50	-0.1		
		iSg	57 54.60			
KGT	0.90	308 iPn	57 53.30	0.2		
HRT	1.43	50 ePn	58 02.00	0.0		
GPA	1.64	76 ePn	58 05.40	0.4		

S.D. = 0.3 on 7 of 7 obs.

? SEP 23, 1985 19h 57m 51.12±12.82s
5.070 S ±123.km 135.971 E ±20.6km

DEPTH = 33.0km (normal)
WEST IRIAN REGION (196)

MTN	9.09	211	eP	00 04.00	1.0
			eS	01 54.00	
KNA	12.76	213	eP	00 52.00	-1.0
			eS	03 20.00	
WRA	14.87	186	eP	01 19.80	-1.0
			e	01 26.70	
			e	04 08.20	
CTA	17.97	147	iPc	02 00.20	0.0
ASPA	18.60	186	eP	02 09.00	1.1

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

? SEP 23, 1985 21h 02m 54.81± 7.18s
11.160 S ±60.6km 165.414 E ±79.1km
DEPTH = 33.0km (normal)
SANTA CRUZ ISLANDS (184)

HNR	5.65	287	eP	04 18.00	-0.7
			eS	05 25.00	
SVO	5.86	289	eP	04 22.00	0.3
			S	05 34.00	
VSG	5.92	288	eP	04 23.00	0.4
			eS	05 35.00	
KOU	9.41	187	iPc	05 11.30	0.1
			iS	06 57.80	
DZM	10.89	175	iPd	05 30.90	-0.8
			iS	07 34.00	
NOU	11.13	175	iPc	05 35.50	0.7
			iS	07 37.50	

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

• SEP 23, 1985 22h 07m 18.61± 1.32s
44.263 N ± 8.9km 114.162 W ±11.8km
DEPTH = 5.0km (geophysicist)
WESTERN IDAHO (33)
ML 2.8 (NEIS).

HPI	0.95	125	eP	07 37.30	0.0
CCMT	1.13	54	iPc	07 40.40	0.0
TMI	1.89	120	eP	07 52.00	0.0
LRM	1.98	37	ePn	07 53.10	-0.2
BUT	2.08	32	ePg	07 58.20	3.4X
			eSg	08 25.30	
LCCM	2.26	45	ePn	07 57.50	0.2
NEW	4.50	334	e(P)	08 29.00	0.0

S.D. = 0.2 on 6 of 7 obs.

SEP 23, 1985 22h 19m 57.17± 0.58s
38.782 N ± 5.9km 26.917 E ± 6.1km
DEPTH = 11.6 ± 3.5 km
AEGEAN SEA (365)
ML 3.9 (ATH).

IZM	0.47	145	iPg	20 06.10	-0.7
PRK	0.68	313	iPbc	20 11.50	0.9
EZN	1.14	336	iPg	20 19.40	1.1
			iSg	20 32.40	
DST	1.56	58	iPn	20 26.50	1.6
KGT	1.69	10	iPn	20 27.20	0.5
EDC	1.73	25	iPn	20 27.60	0.4
BNT	1.75	26	iPn	20 26.80	-0.8
KCT	1.84	37	iPn	20 38.20	9.3X
YER	1.97	146	iPn	20 29.70	-1.1
CTT	2.63	26	ePn	20 42.00	1.8
ATH	2.64	253	ePn	20 48.50	8.1X
			eSn	21 15.00	
			eSb	21 20.00	
ISK	2.81	35	iPn	20 49.70	6.9X
GPA	3.02	59	iPn	20 44.80	-1.0
KDZ	3.10	338	iPc	20 46.00	-0.8
DMK	3.10	12	iPn	20 46.30	-0.6
ELL	3.12	130	iPn	20 49.10	1.8
BCK	3.18	113	iPn	20 47.80	-0.3
DIM	3.42	343	iP	20 51.00	-0.3
NPS	3.66	197	ePg	21 05.00	10.1X
			eSn	22 34.50	
MMB	3.72	320	iPc	20 55.00	-0.7
VAY	4.19	309	iPn	21 02.50	0.2
KZN	4.26	293	ePn	21 05.00	1.6
PVL	4.56	344	iPd	21 08.00	0.5
VTS	4.75	325	iPc	21 11.00	0.8X
OHR	5.25	298	ePn	21 21.00	3.6X
SKO	5.26	305	iPn	21 17.00	-0.5
ISR	6.36	358	eP	21 41.00	8.0X
MLR	6.74	354	ePd	21 37.00	-1.5
CLO	6.99	335	iPd	21 39.50	-2.4
VOY	12.04	311	e(P)	22 52.00	0.5

S.D. = 1.2 on 23 of 30 obs.

• SEP 23, 1985 22h 35m 02.32± 1.78s
14.668 S ±11.3km 167.261 E ±15.6km
DEPTH = 195.7 ± 14.7 km
4.8mb (5 obs.)
VANUATU ISLANDS (186)

PVC	3.22	162	eP	36 04.00	9.2X
			iS	36 38.20	
KOU	6.51	205	iPd	36 35.70	-1.2
			iS	37 52.50	
DZM	7.40	186	iPc	36 48.50	-0.3
			iS	38 25.80	
NOU	7.64	186	iPc	36 52.50	0.6
			iS	38 27.50	
SVO	9.12	306	eP	37 16.00	4.9X
			eS	38 34.00	
VSG	9.14	305	eP	37 12.60	0.6
			eS	38 50.60	
BRS	18.50	225	P	39 07.40	1.1
CTA	20.75	252	eP	39 30.00	0.8
YOU	25.92	218	eP	40 18.90	0.6
WAM	27.01	214	eP	40 28.80	0.8
WRA	31.83	256	eP	41 09.00	-1.9
ASPA	32.69	249	iPd	41 17.20	-1.1
SBA	63.20	180	iPc	45 11.70	0.5
	1.0s		19.00nm		4.9mb
SPA	75.43	180	eP	46 25.80	-0.3
	1.0s		9.00nm		4.5mb
PKI	89.66	299	eP	47 40.00	0.0
	0.9s		10.00nm		4.8mb
KKN	89.83	299	eP	47 40.60	0.0
	0.8s		8.00nm		4.7mb
DMN	89.93	298	eP	47 41.40	0.3
	1.1s		35.00nm		5.2mb
KHC	139.43	333	ePKP	54 10.50	2.5
OSS	142.78	334	ePKP+	54 09.30	-4.9X
TMA	143.78	334	ePKP+	54 11.70	-4.2X
MMK	144.20	335	ePKP+	54 14.00	-2.7
DIX	144.40	336	ePKP+	54 14.40	-2.7
FLN	144.53	346	ePKP	54 15.80	-1.0
LDF	144.61	346	ePKP	54 16.20	-0.8
LOR	144.68	340	iPKPc	54 16.80	-0.4
LBF	144.89	340	iPKPc	54 17.50	-0.1
GRR	144.97	346	iPKPc	54 17.60	0.0
SSF	144.97	341	iPKPc	54 18.10	0.5
LPG	145.14	336	iPKPc	54 19.10	0.7
SMF	145.23	340	iPKPc	54 18.60	0.5
AVF	145.26	340	iPKPc	54 18.60	0.5
LPF	145.35	346	iPKPc	54 19.00	0.8X
BGF	145.63	341	iPKPc	54 20.00	1.2X
MZF	146.02	341	iPKPc	54 21.20	1.8X
TCF	146.07	341	iPKPc	54 21.30	1.8X
LSF	146.31	342	iPKPc	54 21.80	1.9X
MFF	146.46	344	iPKPc	54 22.40	2.3X
CVF	146.55	330	iPKPc	54 22.40	2.0X
FRF	146.77	334	iPKPc	54 23.00	2.3
LRG	146.98	334	iPKPc	54 24.00	3.0X
LMR	147.01	334	ePKP	54 23.80	2.7X
CDR	147.04	335	iPKPc	54 23.90	2.8X
RJF	147.17	341	iPKPc	54 24.50	3.2X
CAF	147.33	340	ePKP	54 25.00	3.4X
BNG	147.56	255	iPKPc	54 25.60	2.7X
	0.9s		37.00nm		
			i	54 28.80	
LFF	147.74	342	iPKPc	54 25.90	3.7X
LPD	147.83	341	iPKPc	54 26.40	4.0X
EPF	149.58	341	ePKP	54 31.80	6.6X
LGR	150.93	344	iPKPc	54 34.50	7.3X
TOL	153.75	345	ePKP	54 41.00	9.7X
			e	54 55.00	

S.D. = 1.3 on 28 of 50 obs.

% SEP 23, 1985 23h 13m 02.94± 0.97s
41.162 N ± 9.6km 28.963 E ± 6.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ISK	0.12	143	iPg	13 06.20	0.3
			iSg	13 08.70	
CTT	0.40	268	iPg	13 10.70	-0.5
			iSg	13 15.70	
HRT	0.63	122	iPg	13 15.40	-0.3
			iSg	13 24.70	
KCT	1.02	207	ePg	13 21.10	-1.2
			iSg	13 35.70	
DMK	1.12	306	iPg	13 24.20	0.3
			iSg	13 39.20	
EDC	1.17	226	ePn	13 25.10	0.4
GPA	1.34	130	iPn	13 27.30	-0.4
DST	1.58	189	ePn	13 32.50	1.5

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

SEP 23, 1985 23h 33m 47.38± 0.44s
13.333 N ± 4.0km 144.307 E ± 4.8km
DEPTH = 124.9 ± 4.1 km
4.7mb (7 obs.)
MARIANA ISLANDS (216)
Felt (III) on Guam.

PJG	0.60	65	eP	34 06.90	0.2
GUA	0.62	71	iPd	34 06.60	-0.3
			eS	34 19.80	
MAT	23.75	348	eP	38 49.00	-0.3
	0.8s		20.90nm		4.6mb
			eS	43 40.00	
CTA	33.27	177	iPd	40 14.40	-0.5
	0.5s		11.62nm		4.9mb
WRA	34.49	197	iPd	40 25.00	-0.4
BJI	36.31	322	eP	40 41.00	0.4
TIY	37.33	316	eP	40 50.40	1.1
XAN	38.13	309	eP	40 56.00	0.0
KOU	38.99	149	iPc	41 03.10	-0.1
BTO	40.46	319	eP	41 16.00	0.8
CD2	41.16	302	eP	41 22.00	0.9
BRS	41.31	169	iPd	41 23.00	0.8
DZM	41.34	148	iPd	41 23.10	0.5
NOU	41.55	148	iPc	41 24.50	0.3
STK	45.03	183	iPd	41 51.50	-0.7
GTA	46.94	312	P	42 08.50	1.0
			pP	42 35.30	115kmX
YOU	47.50	175	eP	42 11.70	0.0
ADE	48.32	186	iPc	42 17.80	-0.3
CAN	48.59	175	eP	42 20.50	0.4
WAM	49.44	175	eP	42 27.00	0.4
SHL	50.62	292	eP	42 34.80	-1.2
PKI	56.51	294	eP	43 19.00	-0.5
	0.4s		4.00nm		4.8mb
KKN	56.63	295	eP	43 19.80	-0.4
DMN	56.78	294	eP	43 21.00	-0.3
WMQ	56.92	314	P	43 22.00	0.2
HYB	63.27	283	eP	44 05.20	-0.1
GBA	64.83	279	P	44 15.00	-0.4
POO	67.58	285	iPd	44 32.70	-0.3
INK	74.81	22	eP	45 14.00	-1.2
MBC	78.65	14	eP	45 35.00	-1.5
ALE	83.52	3	eP	46 02.50	0.6
	0.7s		5.00nm		4.5mb
PNT	83.92	41	iP	46 04.00	-0.6
ARN	85.29	53	eP	46 12.00	0.3
NEW	85.78	41	iPc	46 13.90	0.0
	0.8s		19.30nm		5.1mb
JAS1	86.01	52	eP	46 15.10	-0.1
EDM	86.68	36	iPc	46 17.60	-0.6
BMN	87.79	49	iP	46 24.00	0.1
	1.0s		7.50nm		4.7mb
CLC	88.74	54	eP	46 28.00	-0.4
SBB	88.85	55	eP	46 30.00	1.0
GSC	89.50	54	eP	46 33.00	0.9
LRM	89.55	43	ePc	46 31.90	-0.4
BAR	90.32	56	eP	46 36.00	0.2
GLA	91.70	56	eP	46 43.00	0.8
ALQ	97.63	51	eP	47 09.00	-0.5
	1.0s		3.00nm		4.8mb
KIC	143.56	301	ePKP	53 06.80	-3.1X

S.D. = 0.6 on 44 of 45 obs.

• SEP 23, 1985 23h 48m 21.55± 0.80s
39.041 N ± 9.3km 24.237 E ± 7.5km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.0 (ATH).

ATH	1.14	201	ePb	48 43.00	0.1
			eSb	48 58.50	
PRK	1.60	82	ePn	48 50.00	0.1
			eSn	49 12.00	
EZN	1.80	63	ePn	48 52.90	0.1
IZM	2.45	104	eP	49 02.00	-0.3
VAY	2.61	331	ePn	49 16.00	11.5X
KGT	2.75	58	eP	49 10.00	3.5X

23d 23h

OHR	3.35	309	eP	49 15.00	-0.1	
	S.D. = 0.2		on	5 of 7 obs.		
? SEP 24, 1985 00h 25m 27.02± 2.59s						
17.808 N ±24.5km 101.363 W ±15.2km						
DEPTH = 33.0km (normal)						
3.7mb (1 obs.)						
NEAR COAST OF GUERRERO, MEXICO (58)						
III	1.80	72	iP	25 57.50	-0.3	
			iS	26 26.00		
OXM	2.17	47	iP	26 02.50	0.6	
TPM	2.48	62	iP	26 06.00	-0.1	
UNM	2.56	53	iP	26 11.50	4.1X	
			i	26 45.00		
IIC	2.79	45	eP	26 09.50	-1.1	
VHO	4.46	97	iP	26 35.00	0.7	
LTX	11.67	350	eP	28 16.00	1.7	
	1.0s		10.00nm		4.9mb X	
JCT	12.69	6	eP	28 38.00	10.0X	
	1.1s		6.96nm		4.7mb X	
ALQ	17.66	346	eP	29 32.30	0.0	
SDW	25.85	346	eP	30 56.00	-1.5	
	1.1s		2.35nm		3.7mb	
S.D. = 1.2			on	8 of 10 obs.		
? SEP 24, 1985 00h 49m 41.84±10.17s						
33.886 S ±28.6km 72.554 W ±84.1km						
DEPTH = 33.0km (normal)						
OFF COAST OF CENTRAL CHILE (134)						
PEL	1.73	65	iPd	50 08.80	-1.3	
			iS	50 26.80		
RFA	3.50	186	e(P)	50 35.40	0.1	
RTCB	3.97	54	eP	50 42.20	0.2	
ZON	4.01	56	eP	50 44.00	1.4	
RTLL	4.29	55	e(P)	50 46.50	0.0	
YCA	6.34	37	eP	51 15.10	-0.4	
			S	52 44.00		
S.D. = 1.1			on	6 of 6 obs.		
• SEP 24, 1985 01h 37m 02.10± 0.61s						
28.445 N ± 9.9km 140.456 E ± 8.3km						
DEPTH = 33.0km (normal)						
4.6mb (4 obs.)						
BONIN ISLANDS REGION (212)						
MAT	8.29	347	eP	39 07.00	4.0X	
	1.2s		57.81nm		5.6mb X	
			eS	40 54.00		
MVI	8.62	255	eP	39 42.00	34.5X	
			eS	41 51.00		
GUA	15.40	163	e(P)	40 16.80	-21.9X	
SSE	16.94	284	iPd	41 03.00	4.9X	
			eS	44 18.00		
ANP	17.22	264	eP	41 06.00	4.3X	
MDJ	18.32	335	eP	41 12.00	-3.2X	
DL2	18.79	309	P	41 21.00	0.0	
NJ2	19.00	286	Pc	41 28.00	4.4X	
			S	45 04.50		
SNY	19.16	319	eP	41 27.40	2.0	
CN2	19.49	326	Pd	41 28.50	-0.7	
			S	45 09.50		
QZH	19.84	265	Pc	41 35.00	1.9	
			S	45 22.00		
TIA	21.15	297	eP	41 45.70	-0.9	
			eS	45 46.80		
BAG	21.89	241	eP	41 56.00	1.6	
OCP	22.62	237	eP	42 00.00	-1.3	
WHN	22.80	282	P	42 06.00	2.9X	
BJI	23.09	306	eP	42 07.00	1.2	
			epP	42 50.00		
			eS	46 22.00		
			esS	47 39.00		
			eSS	47 55.00		
HKC	24.50	262	eP	42 25.00	5.4X	
			eS	46 52.00		
GZH	24.97	264	Pc	42 26.50	2.4	
TIY	25.16	299	eP	42 26.00	0.1	
DAV	25.48	216	eP	42 30.00	1.0	
			eS	47 00.00		
HHC	26.67	305	eP	42 39.00	-0.9	
			S	47 21.00		
XAN	27.47	290	eP	42 46.10	-1.1	
			eS	47 32.00		
BTO	27.71	304	eP	42 49.20	-0.3	
			PP	43 44.00		
			S	47 37.00		
OIZ	29.48	258	Pc	43 10.50	5.1X	
			S	48 05.00		
GYA	30.00	274	P	43 15.00	4.8X	
LZH	31.74	293	eP	43 19.00	-6.5X	
	5.0s		713.00nm		5.8mb X	
CD2	31.89	284	eP	43 26.00	-0.7	
KMI	33.74	273	eP	43 43.50	0.4	
	N 16s		1.40um			
			PP	45 02.00		
			eS	49 08.00		
GTA	35.19	299	P	43 54.50	-0.7	
			PP	45 16.90		
			S	49 35.00		
CHG	39.06	265	eP	44 27.00	-0.9	
LSA	42.85	284	P	45 02.00	2.5X	
			PP	46 41.00		
			eS	51 29.00		
SHL	43.14	278	eP	45 00.20	-1.4	
			iS	51 36.00		
WMO	44.55	305	P	45 12.00	-0.6	
			S	51 53.00		
PSI	47.11	245	ePc	45 31.50	-1.6	
WRA	48.47	188	eP	45 27.50	-16.1X	
			e	45 40.80		
KSH	53.58	300	eP	46 24.00	1.7	
NDI	54.93	287	eP	46 32.00	-0.2	
			ePP	48 36.00		
			iS	54 18.00		
			eSS	58 08.00		
HYB	57.53	273	eP	46 49.50	-1.5	
GBA	60.05	270	P	47 08.00	-0.5	
INK	62.45	25	eP	47 24.00	0.1	
DAG	74.25	355	iPc	48 36.80	-0.3	
	0.7s		4.79nm		4.6mb	
PNT	74.99	42	eP	48 43.00	1.1	
EDM	76.65	36	eP	48 52.00	0.8	
NEW	76.94	42	eP	48 53.00	0.0	
LRM	80.93	43	eP	49 13.40	-1.5	
FFC	81.40	31	eP	49 14.00	-2.8X	
	1.2s		12.00nm		4.8mb	
NB2	81.79	338	P	49 19.30	0.5	
	1.3s		8.80nm		4.6mb	
EUR	81.94	49	iP	49 20.40	0.1	
	0.8s		4.13nm		4.5mb	
ZOBO	151.00	71	PKP	56 53.70	5.2X	
LPB	151.15	72	PKP	56 51.20	2.7X	
CCH	153.20	71	ePKP	57 03.10	11.8X	
S.D. = 1.2			on	33 of 51 obs.		
& SEP 24, 1985 01h 37m 39.36s						
62.188 N 151.122 W						
DEPTH = 77.2km						
CENTRAL ALASKA (1)						
<AGS-P>.						
SKT	0.28	223	iP	37 50.76	-0.7	
SUA	0.75	166	iP	37 55.32	-0.4	
			iS	38 07.95		
PWA	0.80	132	iPc	37 55.40	-0.7	
CGLM	0.98	206	iP	37 57.61	-0.7	
CRP	1.05	208	iP	37 58.71	-0.6	
SPU	1.10	204	iP	37 59.37	-0.5	
PLRM	1.12	122	eP	37 58.80	-1.1	
PMR	1.12	121	iPc	37 58.80	-1.1	
			eS	38 15.90		
GHO	1.12	111	iP	37 59.49	-0.6	
			iS	38 15.58		
PME	1.14	119	eP	37 59.27	-0.9	
PMS	1.20	141	iPc	38 00.30	-0.8	
SML	1.37	105	iP	38 02.27	-1.0	
NKA	1.45	182	iP	38 05.90	1.6	
KNK	1.49	120	iP	38 03.81	-1.0	
			iS	38 22.91		
PTE	1.67	142	iP	38 05.79	-1.4	
RDT	1.73	201	iP	38 07.41	-0.8	
SLKM	1.74	165	eP	38 07.15	-1.1	
SCM	1.82	100	eP	38 07.87	-1.6	
MPA	1.90	153	eP	38 08.94	-1.5	
NNL	2.16	182	iP	38 14.71	0.8	
TOA	2.33	90	iPc	38 15.10	-1.2	
GLI	2.33	122	eP	38 13.84	-2.5	
TTA	2.38	290	iPc	38 15.70	-1.4	
SVW	2.41	245	ePd	38 16.10	-1.3	
VZW	2.46	115	eP	38 16.10	-2.0	
KNIM	2.47	137	iP	38 15.05	-3.1	
VLZ	2.52	113	iP	38 16.53	-2.3	
KLU	2.56	103	iP	38 17.19	-2.4	
FID	2.65	121	eP	38 17.71	-3.1	
MTU	2.78	141	eP	38 19.72	-2.7	
HIN	2.86	127	eP	38 20.95	-2.7	
COL	3.10	27	iPd	38 25.06	-2.0	
			eS	39 00.00		
FBA	3.10	27	iPd	38 25.10	-1.9	
GLB	3.55	99	eP	38 30.33	-2.9	
IMA	4.05	345	iPd	38 38.20	-2.2	
BALM	4.35	102	eP	38 40.82	-3.7	
WAX	4.35	110	eP	38 41.63	-2.8	
KDC	4.51	189	eP	38 49.30	2.	
INK	9.57	43	eP	39 54.00	-2.4	
39 obs. assocloted						
• SEP 24, 1985 01h 47m 18.27± 0.92s						
28.053 N ±12.9km 140.968 E ±16.0km						
DEPTH = 33.0km (normal)						
5.0mb (4 obs.)						
BONIN ISLANDS REGION (212)						
MAT	8.78	345	eP	49 27.00	1.1	
BJI	23.69	307	eP	52 27.00	-0.7	
WRA	48.14	188	eP	55 57.80	0.6	
PKI	48.77	283	eP	56 02.80	0.3	
	0.8s		9.00nm		4.9mb	
KKN	48.83	284	eP	56 02.50	-0.3	
	0.8s		20.00nm		5.2mb	
DMN	49.02	283	eP	56 05.00	0.6	
	0.7s		13.00nm		5.1mb	
COL	57.02	29	eP	57 04.00	1.1	
INK	62.61	25	eP	57 40.00	-1.2	
NB2	82.32	338	P	59 36.40	-1.4	
	0.6s		1.10nm		4.1mb	
S.D. = 1.1			on	9 of 9 obs.		
SEP 24, 1985 01h 52m 15.91± 0.35s						
11.147 N ± 7.6km 140.469 E ± 5.9km						
DEPTH = 33.0km (normal)						
5.0mb (6 obs.)						
WEST CAROLINE ISLANDS (209)						
PJG	4.93	60	eP	53 29.10	-0.6	
GUA	4.95	61	eP	53 29.50	-0.4	
	0.7s		115.07nm			
DAV	15.25	256	eP	55 57.50	7.0X	
AAI	19.14	220	eP	56 39.50	0.2	
	1.0s		55.50nm		4.8mb	
CVP	19.19	292	ePc	56 42.00	2.1	
BAG	20.01	287	eP	56 48.00	-1.0	
PPR	21.42	268	ePc	57 05.70	2.4	
	1.1s		83.00nm		5.1mb	
PMG	21.48	162	e(P)	57 02.00	-1.9	
SHK	24.34	344	eP	57 25.40	-6.5X	
MAT	25.37	356	eP	57 40.00	-1.7	
	1.0s		18.00nm		4.6mb	
SSE	26.70	321	P	57 54.20	0.1	
WHN	30.98	312	eP	58 31.50	-1.0	
WRA	31.48	191	eP	58 35.00	-2.0	
CTA	31.56	170	eP	58 30.00	-7.7X	
CN2	35.04	341	eP	59 06.30	-1.3	
BJI	35.93	327	eP	59 14.50	-0.7	
TIY	36.49	321	P	59 20.00	-0.1	
XAN	36.73	313	eP	59 21.00	-1.1	
KMI	38.31	297	P+	59 37.00	1.3	
CD2	39.25	306	eP	59 43.90	0.6	
SNG	39.52	268	eP	59 45.50	-0.2	
BTO	39.76	323	eP	59 47.70	0.2	
BRS	40.12	163	P	59 49.20	-1.3	
PSI	42.04	262	eP	00 05.00	-1.4	
	0.9s		28.70nm		5.0mb	
GTA	45.71	315	iPc	00 35.90	0.0	
WMQ	55.79	316	Pd	01 52.00	-0.3	
HYB	60.12	284	eP	02 22.50	-0.5	
MNG	60.84	150	eP	02 14.80	-12.6X	
COL	72.25	25	eP	03 38.00	-1.6	
INK	78.25	22	eP	04 12.00	-1.6	
MBC	81.66	14	eP	04 32.00	0.2	
ALE	85.89	3	eP	04 53.00	-0.2	
	1.1s		16.00nm		5.2mb	
WDC	88.08	49	ePc	05 05.10	0.5	
MIN	88.83	49	ePc	05 08.10	-0.3	
ORV	89.09	50	ePc	05 09.50	0.0	
MHC	89.50	52	ePc	05 12.20	0.6	
JAS1	90.31	51	ePc	05 15.60	0.4	
PRI	90.55	53	ePc	05 17.60	1.1	
EDM	90.63	35	eP	05 16.00	-0.4	

SUF 90.90 335 iP 05 15.50 -1.9
FRI 91.09 52 ePc 05 19.30 0.6
MNA 91.90 50 eP 05 23.70 1.0
PAS 93.04 55 eP 05 14.00 -13.8X
CLC 93.04 53 eP 05 29.00 1.1
SBB 93.17 54 eP 05 28.00 -0.5
EUR 93.24 49 iP 05 29.80 0.9
0.2s 3.63nm 5.5mb
GSC 93.80 53 eP 05 33.00 1.6
GLA 96.02 55 eP 05 43.00 1.4
CAR 145.30 53 iPKPd 11 52.80 -0.3
0.9s 60.60nm
LPB 151.77 104 PKP 12 05.30 1.7
1.0s 20.00nm
i 12 12.00
ZOBO 151.77 104 PKP 12 05.40 1.6
1.1s 23.20nm
SLA 151.92 122 ePKPd 12 09.80 6.5X
TPZ 152.90 116 ePKP 12 08.00 3.0
CCH 153.49 107 ePKP 12 15.00 9.2X
S.D. = 1.2 on 47 of 54 obs.

? SEP 24, 1985 02h 10m 17.38± 1.36s
30.831 S ±19.4km 177.996 W ±20.6km
DEPTH = 33.0km (normal)
KERMADEC ISLANDS (178)

MNG 11.11 207 eP 12 57.00 0.1
S 14 51.00
8RS 25.73 276 iPc 15 48.70 2.1
CAN 27.94 252 eP 16 06.80 0.0
WAM 28.04 250 eP 16 07.40 -0.2
YOU 28.47 254 eP 16 12.30 0.8
STK 34.39 258 iPd 17 03.10 -0.5
WRA 44.12 273 iPc 18 22.00 -2.6
SPA 59.34 180 e(P) 20 18.30 -0.1
SUF 144.52 341 iPKP 29 46.30 -4.9X
0.5s 2.50nm
NUR 146.72 340 iPKP 29 53.80 -1.1
0.7s 12.00nm
NB2 149.18 351 PKP 30 00.60 1.6
0.8s 2.40nm
8NG 149.47 214 iPKPc 30 03.30 2.5X
0.4s 12.00nm
S.D. = 1.5 on 10 of 12 obs.

SEP 24, 1985 02h 13m 58.11± 0.84s
67.533 N ± 5.9km 157.518 W ±11.1km
DEPTH = 33.0km (normal)
3.9mb (1 obs)
ALASKA (676)
ML 3.9 (PMR).

IMA 2.12 132 iPd 14 32.40 0.4
BRW 3.80 4 eP 14 55.40 -0.2
TTA 4.67 171 ePd 15 08.10 0.0
COL 4.74 119 eP 15 08.00 -1.1
FBA 4.74 119 iPc 15 08.80 -0.3
SVW 6.50 172 ePc 15 34.10 0.1
PME 6.96 144 eP 15 40.50 0.3
PMS 7.19 148 eP 15 46.90 3.4X
INK 9.05 74 eP 16 10.00 0.7
MBC 14.38 37 eP 17 17.00 -3.8X
PNT 26.29 115 eP 19 34.00 2.0X
NB2 51.47 7 P 23 01.70 0.0
0.7s 1.10nm 3.9mb
S.D. = 0.6 on 9 of 12 obs.

? SEP 24, 1985 05h 13m 52.33± 6.35s
36.621 N ±37.4km 140.170 E ±42.7km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (I JMA) at Mito.

MIT 0.34 135 eP 14 09.00 8.4X
iS 14 10.80
TSK 0.41 187 eP 14 01.60 0.0
DDR 1.00 232 eP 14 10.20 0.0
e 14 30.00
SRY 1.24 216 eP 14 13.00 -0.5
OYM 1.41 212 eP 14 16.50 0.5
MAT 1.58 268 iPd 14 18.40 0.0
eS 14 42.00
S.D. = 0.5 on 5 of 6 obs.

SEP 24, 1985 05h 33m 45.16± 0.32s
3.461 S ± 7.2km 68.411 E ± 5.1km
DEPTH = 10.0km (geophysicist)
4.9mb (16 obs.)
CHAGOS ARCHIPELAGO REGION (426)

KOD 16.32 33 eP 37 35.00 -1.4
eS 40 16.00
GBA 19.17 28 Pd 38 12.20 0.6
0.4s 4.90nm 4.1mb
POO 22.50 14 eP 38 45.80 -0.7
HYB 23.03 25 eP 38 52.50 0.8
NDI 33.06 14 eP 40 23.00 -0.1
NDI 33.06 14 eP 40 29.00 5.9X
QUE 33.49 358 eP 40 30.00 2.9X
SNG 33.83 72 eP 40 30.00 -0.1
DMN 34.83 27 eP 40 39.60 0.8
1.1s 81.00nm 5.5mb
PKI 34.94 27 eP 40 40.20 0.4
1.0s 20.00nm 4.9mb
KKN 35.07 27 eP 40 41.40 0.6
1.0s 56.00nm 5.4mb
MTD 38.50 247 iPd 41 14.70 5.0X
LOE 38.87 57 eP 41 13.00 0.3
LEM 39.18 97 ePc 41 17.50 1.9
1.0s 20.00nm 4.7mb
LSA 39.52 32 eP 41 18.00 -0.5
KRI 40.33 248 eP 41 25.00 0.0
LSZ 41.30 251 iP 41 33.30 0.4
BUL 42.17 244 iPd 41 39.90 -0.2
1.0s 11.50nm 4.6mb
KMI 43.79 48 eP 41 54.50 1.2
SLR 44.42 236 eP 42 03.20 4.9X
1.0s 23.00nm 5.0mb
CD2 48.00 42 eP 42 26.50 0.0
WMO 50.16 18 P 42 43.80 0.8
GTA 51.53 31 P 42 53.20 -0.3
XAN 53.36 42 eP 43 05.00 -2.2
WHN 55.35 49 eP 43 21.00 -0.8
TIY 57.81 41 P 43 39.50 0.2
BTO 58.03 37 eP 43 41.00 0.2
VRI 61.45 328 ePc 44 04.50 0.3
BJI 61.53 40 eP 44 05.00 0.2
MLR 61.62 327 ePd 44 05.50 0.0
SKO 62.10 322 eP 44 06.70 -1.9
CLO 63.10 325 ePd 44 14.00 -1.2
ASPA 66.20 114 eP 44 35.00 -0.7
WRA 66.21 110 Pc 44 35.70 -0.2
0.6s 15.10nm 5.4mb
WB2 66.22 110 eP 44 35.00 -0.9
e 48 03.80
eS 50 34.20
KRA 67.62 329 eP 44 44.00 -0.2
CN2 69.40 40 Pc 44 55.20 -0.2
KHC 70.58 325 P 45 01.20 -1.4
BRG 71.27 327 eP 45 05.30 -1.3
1.7s 19.00nm 4.9mb
e 45 12.70
CLL 72.00 327 eP 45 10.00 -1.0
1.6s 18.00nm 4.9mb
MDJ 72.44 41 eP 45 14.80 1.0
KIC 73.68 278 eP 45 21.00 -0.6
CDF 73.96 323 eP 45 22.10 -0.6
1.4s 17.40nm 4.9mb
BSF 74.01 322 eP 45 22.00 -1.0
SMF 75.41 320 eP 45 30.60 -0.4
LBF 75.45 320 eP 45 31.00 -0.3
1.1s 7.90nm 4.7mb
MEM 75.62 324 P 45 33.40 1.4
LOR 75.63 321 eP 45 31.90 -0.4
1.2s 8.90nm 4.7mb
SSF 75.78 320 eP 45 32.90 -0.2
CAF 75.98 318 eP 45 34.70 0.4
BGF 76.02 320 eP 45 34.80 0.3
1.4s 26.80nm 5.1mb
MZF 76.07 319 eP 45 35.10 0.3
RJF 76.47 318 eP 45 37.80 0.8
LPO 76.49 317 eP 45 38.10 1.0
EPF 76.55 316 eP 45 39.80 2.2
LSF 76.77 319 eP 45 39.10 0.4
0.9s 7.50nm 4.8mb
LFF 76.87 318 eP 45 40.10 0.9
MFF 77.98 319 eP 45 46.00 0.7
IFR 78.27 305 iP 45 49.00 1.6
GRR 79.00 321 eP 45 51.40 0.5
LPF 79.01 320 eP 45 51.70 0.8
1.2s 11.40nm 4.8mb
SBA 88.40 168 e(P) 46 30.90 -7.3X
EUR 143.92 6 iPKP 53 22.00 -1.2
0.8s 5.60nm
TUL 144.56 338 ePKP 53 23.70 -0.4
1.8s 118.90nm
e 53 29.70
e 53 47.50
MNA 144.68 9 ePKPc 53 23.70 -0.7
JAS1 144.76 12 ePKPc 53 23.60 -0.8
e 53 31.40
VVO 145.05 337 ePKP 53 24.70 -0.2
e 53 31.20
OCO 145.52 339 e(PKP) 53 25.70 -0.1
BHO 145.53 335 ePKP 53 25.70 -0.1
0.9s 3.50nm
FRI 145.81 12 ePKPc 53 26.70 0.5
e 53 34.00
CLC 147.33 9 ePKP 53 32.00 3.2X
GSC 147.95 8 ePKP 53 34.00 4.2X
ALQ 148.32 352 ePKP 53 29.00 -1.6
SBB 148.39 10 ePKP 53 33.00 2.5
PAS 148.86 11 ePKP 53 39.00 7.8X
GLA 150.41 6 ePKP 53 40.00 6.4X
JCT 150.91 339 ePKP 53 40.00 5.6X
1.1s 13.92nm
LTX 153.19 345 ePKP 53 46.00 8.2X
1.0s 8.00nm
i 53 58.50
S.D. = 0.9 on 67 of 78 obs.

? SEP 24, 1985 06h 43m 46.78± 3.15s
25.492 S ±23.3km 179.712 E ±23.7km
DEPTH = 533.0 ± 32.1 km
4.8mb (2 obs.)
SOUTH OF FIJI ISLANDS (171)

DZM 12.62 283 iPd 46 32.10 -0.3
KRP 12.89 195 eP 46 36.00 1.0
MNG 15.49 192 eP 47 00.00 -1.1
BRS 24.18 260 iPc 48 23.20 0.5
CTA 31.26 273 iPd 49 24.80 0.4
0.7s 30.82nm 5.0mb
ASPA 41.54 262 eP 50 49.00 -0.1
WB2 42.05 268 iPd 50 52.70 -0.4
eScP 55 52.00
eS 56 33.50
WRA 42.06 268 Pc 50 53.00 -0.2
0.3s 7.00nm 4.7mb
NB2 143.60 351 PKP 02 21.40 -0.2
0.7s 1.20nm
HFS 144.05 348 ePKP 02 22.60 0.3
0.3s 1.60nm
S.D. = 0.7 on 10 of 10 obs.

SEP 24, 1985 07h 03m 13.97± 0.61s
18.046 N ± 8.1km 101.911 W ± 7.3km
DEPTH = 33.0km (normal)
4.5mb (15 obs.)
GUERRERO, MEXICO (59)

III 2.35 82 iP 03 52.00 0.8
iS 04 30.50
OXM 2.45 59 iP 03 55.00 2.2
TPM 2.86 71 eP 04 03.50 5.0X
iS 04 51.00
UNM 2.88 63 eP 04 01.50 2.6X
i 04 43.00
IIC 3.04 55 eP 04 02.50 1.3
VHO 5.00 98 iP 04 30.50 1.5
P8J 6.42 103 iP 04 50.00 1.3
iS 06 19.50
LTX 11.35 352 eP 05 59.30 2.3
0.9s 20.51nm 5.3mb X
JCT 12.53 8 eP 06 13.00 0.2
1.5s 69.44nm 5.5mb X
ALQ 17.31 347 eP 07 16.00 1.1
1.0s 8.25nm 3.8mb
BHO 17.44 20 eP 07 16.80 0.4
VVO 18.07 16 eP 07 23.90 -0.3
TUL 18.60 16 eP 07 29.80 -0.9
7.0s 25.60nm 3.5mb X
Z 18s 0.41um
e(S) 11 10.00
GLA 18.92 325 eP 07 35.00 0.3
PLM 20.30 322 eP 07 53.00 2.9X
POW 20.38 26 P 07 47.90 -2.7
MWC 21.62 321 eP 08 03.00 -0.5
GSC 21.69 325 eP 08 05.00 0.9
GOL 21.79 353 eP 08 05.00 -0.2

24d 07h

	1.0s	10.00nm		4.2mb	
		e	08	15.00	
SBB	21.81	323 eP	08	08.00	2.7X
GLD	21.82	353 P	08	05.50	0.0
	1.0s	25.00nm		4.6mb	
ELC	22.17	28 P	08	06.20	-2.5
FVM	22.26	25 eP	08	07.00	-2.7
	0.8s	12.12nm		4.4mb	
MSU	22.27	338 P	08	12.00	1.9
RSCP	22.70	36 eP	08	12.30	-1.7
	0.9s	13.56nm		4.4mb	
VPEM	22.72	325 P	08	16.10	1.7
PRM	23.67	44 eP	08	20.20	-3.2X
DUG	24.00	339 P	08	28.00	1.2
	0.8s	6.94nm		4.2mb	
EUR	24.60	333 iP	08	33.60	0.9
	0.5s	2.66nm		4.1mb	
MNA	24.77	328 P	08	36.40	2.1
BDW	25.50	347 eP	08	40.00	-1.2
	1.1s	9.41nm		4.3mb	
		e	08	51.00	
BMN	25.92	333 eP	08	45.80	0.7
		e	08	56.00	
RSSD	26.06	357 eP	08	48.50	2.1
	1.0s	4.00nm		4.0mb	
IMW	26.87	345 P	08	53.60	-0.3
LRM	29.05	345 iPc	09	13.50	-0.1
LHC	32.00	16 eP	09	37.50	-1.8
NEW	32.59	341 P	09	44.20	-0.3
	0.9s	6.30nm		4.5mb	
PNT	34.32	339 iPc	09	59.60	0.1
FFC	36.61	360 iPc	10	17.20	-1.6
	0.9s	19.00nm		5.0mb	
ZOBO	47.64	134 P	11	49.50	-0.4
LPB	47.84	134 eP	11	47.00	-4.3X
CCH	49.78	133 P	12	05.50	-0.6
TPZ	52.90	136 P	12	30.80	1.0
INK	54.05	346 ePd	12	34.00	-3.1X
PMR	54.59	334 P	12	41.30	0.1
	0.6s	6.77nm		4.9mb	
COL	55.88	338 eP	12	49.00	-1.5
	1.1s	9.49nm		4.7mb	
		e	14	00.00	
FBA	55.88	338 P	12	49.70	-0.8
	1.0s	12.50nm		4.9mb	
TTA	58.06	334 P	13	05.40	-0.7
	1.0s	15.00nm		5.0mb	
MBC	58.92	355 eP	13	10.00	-1.9
VAO	67.42	125 e(P)	14	08.00	-0.9
KIC	94.83	82 eP	16	45.80	11.4X
WB2	126.98	258 ePKP	22	16.50	-0.5
WRA	126.99	258 PKPd	22	16.70	-0.4
	0.7s	2.10nm			
GBA	148.55	1 PKP	23	03.00	6.9X
	S.D. = 1.1	on 45 of 54 obs.			

SEP 24, 1985 07h 05m 56.39± 0.34s
26.782 N ± 8.2km 61.845 E ± 4.9km
DEPTH = 33.0km (normal)
4.7mb (16 obs.)
SOUTHERN IRAN (353)

QUE	5.63	52 eP	07	21.00	0.8
		eS	08	53.00	
NDI	13.75	79 eP	09	07.00	-4.3X
		iS	11	26.20	
HYB	18.05	118 eP	10	06.50	0.1
GBA	19.62	129 P	10	25.00	-0.1
KKN	20.85	82 eP	10	38.00	-0.1
	0.6s	18.00nm		4.6mb	
PKI	20.98	82 eP	10	39.60	0.0
	0.6s	14.00nm		4.5mb	
KOD	22.10	135 eP	10	55.00	4.1X
KMI	36.70	33 eP	13	02.00	-0.6
NUR	42.11	334 iP	13	46.80	0.1
	0.7s	10.60nm		4.7mb	
SUF	42.92	337 iP	13	53.20	-0.1
	0.4s	3.80nm		4.5mb	
CLL	44.10	317 IPc	14	04.20	1.2
	1.2s	30.00nm		5.0mb	
SOD	45.90	342 iP	14	16.80	-0.4
HFS	46.64	329 eP	14	22.70	-0.5
	0.5s	21.50nm		5.4mb	
	Z 13s	0.07um		3.8MszX	
		LR	32	24.00	
NB2	48.13	330 P	14	33.60	-1.3
	0.7s	9.10nm		4.9mb	

MEM	48.30	315 P	14	37.00	0.7
LBF	49.29	310 eP	14	44.60	0.5
	0.8s	4.30nm		4.5mb	
SMF	49.37	310 eP	14	44.60	-0.1
	0.7s	8.80nm		4.9mb	
LOR	49.39	310 eP	14	44.40	-0.4
SSF	49.62	310 eP	14	46.30	-0.2
	0.7s	6.60nm		4.8mb	
AVF	49.71	310 eP	14	47.70	0.5
	0.8s	3.30nm		4.4mb	
TCF	50.48	309 eP	14	53.40	0.2
CAF	50.58	307 eP	14	54.10	0.2
	0.8s	4.00nm		4.5mb	
RJF	50.96	308 eP	14	57.20	0.4
	0.6s	3.60nm		4.5mb	
LFF	51.52	307 eP	15	01.20	0.2
LDF	52.11	312 eP	15	05.00	-0.5
FLN	52.36	312 eP	15	07.10	-0.2
	0.8s	5.50nm		4.6mb	
DAG	61.98	345 iPc	16	14.50	-0.6
	0.6s	6.00nm		4.9mb	
		i	16	27.00	
WRA	84.20	116 Pc	18	26.40	0.3
	0.7s	3.60nm		4.7mb	
WB2	84.21	116 eP	18	26.20	0.0
INK	84.52	6 eP	18	41.00	14.2X
COL	85.76	12 eP	18	47.00	13.8X
	S.D. = 0.5	on 27 of 31 obs.			

& SEP 24, 1985 07h 21m 30.20s
37.485 N 121.690 W
DEPTH = 8.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.5 (BRK).
Mo=6.0*10**21 (BRK). Felt (IV)
at San Jose and Fremont. Also
felt at San Leandro.

MHC	0.15	165 iPc	21	33.40	-0.2
ARN	0.18	137 iPc	21	33.90	-0.3
GCC	0.52	208 iPd	21	40.10	-0.5
PCC	0.55	272 iPc	21	40.40	-0.9
SLD	0.55	137 iPc	21	40.50	-0.9
BKS	0.58	312 iPc	21	41.45	-0.5
BRK	0.60	311 iPc	21	41.40	-0.8
ZSP	0.64	316 iPc	21	42.20	-0.9
SAO	0.74	165 iPc	21	44.50	-0.5
LLA	1.05	145 iPc	21	48.90	-1.4
JAS1	1.10	66 iPd	21	49.80	-1.2
		eS	22	05.00	
PRS	1.18	167 iPd	21	51.20	-1.2
NWRM	1.36	316 eP	21	53.00	-2.3
PRI	1.57	148 iPc	21	56.80	-1.8
FRI	1.66	107 iPc	21	58.00	-1.6
PHAM	1.95	147 eP	22	02.00	-1.9
ORV	2.07	4 eP	22	03.50	-2.2
GAS	2.31	340 eP	22	07.10	-2.2
WCN	2.37	39 eP	22	10.00	-0.2
MIN	2.86	1 eP	22	18.50	-0.5
MNA	2.95	70 eP	22	18.50	0.2
WKTM	3.11	122 eP	22	19.40	-1.1
WDC	3.16	348 eP	22	17.50	-3.7
VPEM	3.47	115 eP	22	24.30	-1.4
BMN	4.56	48 eP	22	39.00	-2.2
SDW	4.71	126 eP	22	40.00	-3.4
EUR	4.91	64 iP	22	39.50	-6.8
GLA	7.14	126 eP	23	13.00	-4.6
	28 obs. associated				

? SEP 24, 1985 07h 38m 37.33± 3.23s
36.210 N ±29.4km 20.708 E ±13.5km
DEPTH = 10.0km (geophysicist)
3.8mb (2 obs.)
MEDITERRANEAN SEA (400)
ML 4.1 (ATH).

VLS	1.97	357 ePn	39	13.00	2.0
ATH	2.98	53 ePn	39	25.50	0.0
		eSb	40	16.00	
NPS	4.10	102 ePg	39	59.00	17.6X
KZN	4.17	11 ePn	39	43.00	0.5
OHR	4.89	1 iPn	39	53.20	0.5
VAY	5.31	15 IPn	39	58.40	-0.1
SKO	5.78	5 ePn	40	08.00	2.8X
TTG	6.31	350 ePn	40	11.00	-1.6
		eSn	41	21.00	
MLR	10.08	22 eP	41	04.00	-1.3

CEY	10.63	335 eP	41	12.60	-0.1
		eS	43	08.30	
VOY	11.07	335 eP	41	18.00	-0.8
		eS	42	18.00	
KHC	13.93	340 eP	42	06.50	9.6X
UPP	23.75	356 iP	44	08.20	18.0X
HFS	24.36	351 eP	43	57.70	1.5
	0.5s	2.10nm		4.0mb	
NB2	25.57	349 P	44	07.80	0.0
	0.5s	0.70nm		3.6mb	
SUF	26.75	6 eP	44	18.00	-2.6
	S.D. = 1.1	on 12 of 16 obs			

* SEP 24, 1985 0dh 19m 29.30± 1.16s
44.434 N ± 7.8km 114.276 W ±11.0km
DEPTH = 5.0km (geophysicist)
WESTERN IDAHO (33)
ML 2.8 (NEIS).

CCMT	1.11	64 iPc	19	50.20	-0.5
HPI	1.12	130 eP	19	50.30	-0.6
LRM	1.90	42 ePn	20	02.50	-0.4
BUT	1.99	37 ePg	20	06.80	2.7X
		eSg	20	32.70	
TMI	2.04	123 eP	20	05.00	0.0
LCCM	2.20	50 ePn	20	06.80	-0.4
IMW	2.46	101 eP	20	12.00	1.0
SXM	2.76	51 ePn	20	16.30	1.0
HRY	2.85	36 ePn	20	16.30	-0.1
NEW	4.31	334 e(P)	20	37.00	0.0
	S.D. = 0.7	on 9 of 10 obs.			

SEP 24, 1985 0dh 41m 51.94± 1.53s
14.395 S ±11.0km 167.176 E ± 8.1km
DEPTH = 214.3 ± 14.2 km
4.8mb (13 obs.)
VANUATU ISLANDS (186)

KOU	6.73	204 iPc	43	29.80	0.4
		iS	44	49.00	
DZM	7.67	185 iPc	43	42.00	0.2
		iS	45	09.90	
NOU	7.90	185 iPc	43	44.40	-0.4
		iS	45	18.30	
VSG	8.92	304 P	44	06.00	8.0X
AFI	20.41	91 P	46	15.00	0.9
CTA	20.76	251 iPc	46	20.00	2.6X
	0.9s	13.87nm		4.5mb	
STK	29.15	229 iPd	47	36.20	1.0
	0.3s	41.00nm		5.6mb	
WB2	31.81	255 iPc	47	57.20	-1.4
		e	50	44.10	
WRA	31.82	255 Pc	47	57.30	-1.4
	0.5s	11.90nm		4.8mb	
ASPA	32.71	249 eP	48	05.00	-1.5
ADE	32.80	226 iPc	48	07.70	0.6
	0.6s	24.00nm		5.0mb	
TAU	33.15	207 eP	48	10.00	0.1
MTN	35.05	268 eP	48	27.00	0.7
KNA	37.08	263 eP	48	44.00	0.6
MBL	45.45	254 eP	49	52.00	0.5
	0.5s	13.00nm		4.6mb	
KLB	48.18	240 eP	50	12.40	-0.3
	0.5s	17.00nm		4.7mb	
NWAO	48.84	239 iPd	50	17.40	-0.4
	0.8s	28.00nm		4.7mb	
MRWA	49.38	244 eP	50	21.70	-0.2
	0.4s	6.00nm		4.4mb	
NAU	49.48	253 eP	50	23.00	0.3
	0.5s	25.00nm		4.9mb	
MUN	49.55	240 eP	50	22.70	-0.4
	1.0s	40.00nm		4.8mb	
MAT	57.57	332 eP	51	20.00	-1.5
SBA	63.47	180 e(P)	51	56.40	-4.3X
MDJ	67.94	332 eP	52	29.60	0.1
CN2	69.31	329 eP	52	37.00	-0.9
KMI	74.05	302 eP	53	08.00	1.3
CHG	74.86	294 eP	53	12.50	1.4
SPA	75.70	180 eP	53	14.90	-0.3
	0.5s	5.09nm		4.5mb	
MAW	82.16	202 eP	53	50.00	0.4
GTA	82.37	314 P	53	52.50	1.1
COL	86.06	18 eP	54	07.00	-2.1
PKI	89.46	299 eP	54	26.80	0.3
	8.0s	15.00nm		4.0mb X	
KKN	89.63	299 eP	54	27.50	0.3
	0.7s	12.00nm		4.9mb	

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DMN     89.73 298 eP     54 28.30   0.6
        1.0s     37.00nm          5.3mb
SOD    121.15 343 iPKP   00 19.60  -0.4
SUF    124.50 339 iPKP   00 26.20  -0.4
        0.4s      9.30nm
NUR    126.53 338 iPKP   00 30.00  -0.6
        0.5s     23.80nm
NB2    130.28 345 PKP    00 37.20  -0.6
        0.7s      3.20nm
VOY    141.28 330 ePKP   00 54.50  -4.4X
OSS    142.50 334 ePKPd  00 57.90  -3.2X
TMA    143.50 334 ePKPd  01 00.70  -2.1
SOB1   143.60 128 ePKP   01 01.60  -2.1
                  e      01 03.00
                  e      01 05.80
                  e      01 42.20
MMK    143.92 335 ePKPd  01 02.80  -0.8
DIX    144.12 336 ePKPd  01 03.60  -0.4
FLN    144.25 346 ePKP   01 02.30  -1.4
LDF    144.32 346 ePKP   01 02.70  -1.2
LOR    144.39 340 ePKP   01 03.40  -0.7
LBF    144.60 340 iPKPc  01 04.00  -0.5
GRR    144.69 346 iPKPc  01 04.30  -0.2
SSF    144.69 341 iPKPc  01 04.60   0.0
LPG    144.86 336 iPKPc  01 05.90   0.6
SMF    144.95 340 iPKPc  01 05.20   0.2
LPF    145.07 346 iPKPc  01 05.60   0.5
BGF    145.35 341 iPKPc  01 06.70   1.0
ITR    145.73 131 ePKP   01 06.30  -1.0
                  e      01 07.50
MZF    145.74 341 iPKPc  01 07.90   1.5
TCF    145.79 341 iPKPc  01 07.80   1.3
LSF    146.03 342 iPKPc  01 08.40   1.6
MFF    146.18 344 iPKPc  01 08.90   1.9
CVF    146.27 331 iPKPc  01 09.20   1.8
FRF    146.49 334 iPKPc  01 09.80   2.1
LRG    146.70 334 iPKPc  01 10.80   2.8X
LMR    146.73 334 iPKPc  01 10.60   2.6X
CDR    146.76 335 iPKPc  01 10.80   2.7X
RJF    146.89 341 iPKPc  01 11.20   3.0X
CAF    147.05 340 iPKPc  01 11.70   3.1X
LFF    147.45 342 iPKPc  01 12.70   3.6X
LPO    147.55 341 iPKPc  01 13.10   3.8X
BNG    147.55 255 iPKPc  01 13.10   2.8X
        0.7s     77.00nm
MLS    149.12 340 ePKPc  01 16.00   4.1X
EPF    149.30 341 ePKP   01 17.30   5.1X
LGR    150.65 344 iPKPc  01 21.50   7.3X
      S.D. = 1.1  on  55 of  71 obs.

?  SEP  24, 1985  09h 39m 13.31± 3.98s
   17.417 N ±45.5km  105.841 W ±24.1km
   DEPTH =  33.0km  (normal)
   3.9mb (  2 obs.)
 OFF COAST OF JALISCO, MEXICO      ( 54)

JCT     14.12  22 eP     42 33.00  -0.2
        1.7s     28.85nm          4.7mb X
ALQ     17.46 358 eP     43 16.00  -0.2
        1.0s      3.75nm          3.5mb
BHO     19.54  28 e(P)   43 42.20   1.1
VVO     19.99  25 eP     43 46.40   0.5
TUL     20.47  24 eP     43 49.60  -1.3
        0.8s     14.60nm          4.4mb
      Z  17s      0.13um          3.4MszX
BMN     24.96 339 eP     44 36.10   0.7
INK     53.81 348 eP     48 34.00  -0.7
      S.D. = 1.0  on   7 of   7 obs.

&  SEP  24, 1985  10h 17m 35.73s
   62.431 N          151.468 W
   DEPTH =  89.3km
 CENTRAL ALASKA                    (  1)
      <AGS-P>.

SKT     0.45 184 iP     17 49.71  -0.6
SUA     1.03 160 eP     17 55.43  -0.7
PWA     1.08 136 eP     17 55.87  -0.7
                 eS     18 11.44
CGLM    1.16 193 eP     17 56.93  -0.7
SPU     1.28 193 iP     17 58.35  -0.8
GHO     1.37 118 eP     17 59.62  -0.6
PLRM    1.39 126 eP     17 59.28  -1.1
PMR     1.39 126 eP     18 00.17  -0.2
PME     1.40 124 eP     18 00.08  -0.5
PMS     1.50 142 eP     18 01.15  -0.7
                 iS     18 21.54

SML     1.60 112 iP     18 02.03  -1.2
NKA     1.70 176 eP     18 05.63   1.2
KNK     1.75 124 eP     18 03.86  -1.3
                 iS     18 26.33
RDT     1.92 194 iP     18 06.84  -0.6
PTE     1.96 142 eP     18 05.77  -2.1
SLKM    2.02 162 eP     18 08.13  -0.6
SCM     2.04 105 eP     18 07.27  -1.7
TTA     2.15 285 eP     18 09.49  -1.1
CFI     2.16 124 iP     18 09.22  -1.3
MPA     2.20 152 eP     18 09.64  -1.4
ILM     2.35 197 eP     18 12.55  -0.6
SVW     2.38 238 eP     18 12.56  -1.1
NNL     2.40 178 eP     18 14.67   0.8
TOA     2.50  95 eP     18 13.98  -1.3
GLI     2.60 125 eP     18 14.78  -1.9
VZW     2.71 118 eP     18 16.35  -1.8
KLU     2.78 107 eP     18 16.48  -2.7
CNPM    2.92 178 eP     18 21.05   0.1
FID     2.92 123 eP     18 18.07  -2.9
PD8     2.96 208 eP     18 20.70  -0.9
COL     2.97  32 iP     18 20.20  -1.5
FBA     2.97  32 eP     18 20.38  -1.3
       32 obs. associated

&  SEP  24, 1985  10h 49m 45.50s
   38.798 N          122.783 W
   DEPTH =   2.0km  (geophysicist)
 NORTHERN CALIFORNIA               ( 36)
      <BRK>. ML 3.0 (BRK).

NWRM    0.35 194 eP     49 52.50   0.0
GAS     0.86   4 eP     50 02.80   0.0
ZSP     0.95 154 ePc    50 03.80  -0.5
                 i      50 15.60
                 i      50 19.10
BRK     1.01 156 ePd    50 04.80  -0.6
                 eS     50 19.10
BKS     1.02 155 eP     50 04.80  -0.7
                 eS     50 19.00
ORV     1.25  52 eP     50 08.00  -1.5
PCC     1.33 166 eP     50 10.80  -0.1
MHC     1.71 148 eP     50 15.30  -1.3
ARN     1.75 145 eP     50 15.00  -2.1
MIN     1.79  30 eP     50 16.60  -1.2
JAS1    2.05 114 ePd    50 20.10  -1.3
SAO     2.29 152 eP     50 21.70  -3.2
       12 obs. associated

*  SEP  24, 1985  11h 33m 10.70± 0.82s
   13.964 N ±11.5km  144.584 E ±18.3km
   DEPTH = 147.4 ±  5.4 km
   4.5mb (  1 obs.)
 MARIANA ISLANDS                   (216)
      Felt (II) on Guam.

PJG     0.46 144 iPd    33 32.00   0.2
GUA     0.53 143 iPd    33 31.80  -0.3
                 eS     33 45.90
CTA    33.88 177 eP     39 34.00  -7.3X
WB2    35.17 197 iPd    39 52.30   0.0
                 e      42 21.70
WRA    35.17 197 Pd     39 52.30   0.0
        0.5s      4.50nm          4.5mb
KOU    39.40 150 iPc    40 27.40  -0.2
DZM    41.74 149 iPd    40 47.10   0.1
BRS    41.87 169 iPc    40 48.20   0.3
                 e      42 42.20
YOU    48.11 176 eP     41 37.60   0.2
CAN    49.19 175 iPd    41 46.10   0.4
WAM    50.05 175 eP     41 52.90   0.7
MRWA   51.04 213 eP     42 00.00   0.1
TCW    61.39 155 P      43 12.00  -1.2
INK    74.13  22 eP     44 33.00   0.9
KIC   143.47 302 ePKP   52 29.20  -1.1
      S.D. = 0.7  on  14 of  15 obs.

*  SEP  24, 1985  12h 41m 33.26± 2.32s
   27.544 S ± 9.5km   72.127 W ±26.9km
   DEPTH =  33.0km  (normal)
 OFF COAST OF NORTHERN CHILE       (121)

VCA     3.67 110 ePd    42 30.20   1.0
                 S      43 09.00
ANT     4.12  22 eP     42 35.50   0.0
RTCB    4.88 144 iPd    42 47.60   1.2
                 S      43 37.60

ZON     4.99 144 eP     42 49.00   1.1
CFA     5.28 141 ePd    42 52.00   0.1
                 S      43 46.50
CYA     5.67 101 iPc    42 56.00  -1.5
                 S      43 55.00
PEL     5.72 168 iPc    43 02.40   4.3X
                 iS     44 08.30
HJA     7.45  56 e(P)   43 32.00   9.6X
RFA     7.86 157 eP     43 27.80  -0.4
YJA     8.05  50 eP     43 36.00   4.8X
V8A    13.51 143 ePd    44 42.80  -2.1
VAO    23.18  84 eP     46 38.70   0.6
                 e      46 47.50
                 e      46 50.70
                 e      46 52.70
      S.D. = 1.3  on   9 of  12 obs.

   SEP  24, 1985  13h 14m 13.70± 0.84s
    6.121 S ± 8.4km  148.766 E ± 8.4km
   DEPTH =  78.5 ± 10.3 km
   3.9mb (  1 obs.)
 NEW BRITAIN REGION                (192)

LAT     1.83 253 eP     14 44.00   0.2
MDG     3.10 286 iPc    15 02.00   0.8
PMG     3.64 206 eP     15 08.00  -0.8
RAB     3.89  61 iPd    15 11.90  -0.5
        0.7s    273.97nm
ALOA    4.45 159 eP     15 15.00  -5.1X
CTA    14.10 190 iPd    17 32.00   0.9
        0.6s      7.00nm          4.1mb X
WB2    19.62 224 eP     18 37.80  -0.9
                 e      24 14.70
WRA    19.63 224 Pd     18 38.40  -0.4
        0.5s      3.80nm          3.9mb
BRS    21.49 170 P      18 58.50   0.7
ASPA   22.56 218 eP     19 10.00   1.7X
YOU    28.02 181 eP     20 05.00   5.6X
LOE    52.01 298 eP     23 17.00  -0.6
COL    84.61  23 eP     26 40.00   0.6
      S.D. = 0.9  on  10 of  13 obs.

?  SEP  24, 1985  15h 05m 41.08±13.26s
   17.482 N ±49.4km  101.115 W ±101.km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF GUERRERO, MEXICO    ( 58)

III     1.80  60 eP     06 11.00   0.4
                 iS     06 42.50
OXM     2.26  37 eP     06 17.00  -0.2
TPM     2.46  52 iP     06 19.00  -0.9
UNM     2.60  45 eP     06 27.00   5.0X
                 i      07 12.00
TAC     2.64  43 e(P)   06 23.00   0.4
                 e(S)   07 06.00
IIC     2.88  37 eP     06 26.00   0.1
                 i      07 12.50
VHO     4.19  93 iP     06 44.50   0.0
      S.D. = 0.6  on   6 of   7 obs.

   SEP  24, 1985  15h 37m 44.78± 0.78s
   28.105 N ± 3.9km  140.828 E ± 3.9km
   DEPTH =  40.6 ±  6.9 km
   5.1mb ( 26 obs.)  4.4Msz (  1 obs.)
 BONIN ISLANDS REGION              (212)
      Felt (I JMA) on Chichi-shimo.
      CENTROID, MOMENT TENSOR        (HRV)
      Data Used: GDSN
      L.P.B.: 10S, 19C
      Centroid Location:
      Origin Time          15:37:45.8 0.9
      Lat 28.08N 0.12 Lon 140.41E 0.11
      Dep  23.1 8.4 Half-duration  1.2
      Moment Tensor; Scale 10**23 D-CM
        Mrr=-2.87 0.32  Mtt= 0.45 0.30
        Mff= 2.41 0.48  Mrt=-0.81 0.69
        Mrf= 0.62 0.60  Mtf=-0.94 0.31
       Principal Axes:
        T  Val=  2.92  Plg= 9  Azm=248
        N        0.16       9       157
        P       -3.08      77        21
      Best Double Couple:Mo=3.0*10**23
       NP1:Strike=349 Dip=37 Slip= -75
       NP2:        150     54      -101

CBI     1.57 130 P      38 10.00  -0.6
                 S      38 27.50
```

24d 15h

KYS	7.09	355	eP	39	41.30	12.6X
OYM	7.42	350	eP	39	32.70	-0.6
SRY	7.60	350	eP	39	41.30	5.5X
DDR	7.99	350	eP	39	41.30	0.0
TSK	8.10	356	eP	39	41.20	-1.7
MAT	8.70	346	eP	39	52.00	0.9
	0.8s	26.12nm			5.4mb	
		eS		41	59.00	
SHK	9.46	315	eP	40	02.30	0.7
GUA	14.99	164	e(P)	41	19.60	4.1X
SSE	17.34	285	eP	41	47.00	1.6
Z	10s	1.30um				
E	10s	0.80um				
		eS		45	10.00	
DL2	19.26	309	eP	42	08.40	-0.3
NJ2	19.41	287	Pd	42	11.50	1.0
		S		45	50.50	
SNY	19.63	319	Pc	42	12.60	-0.2
		eS		45	48.00	
CN2	19.96	326	Pc	42	16.00	-0.2
QZH	20.14	266	Pc	42	19.50	1.2
CVP	20.31	243	ePd	42	21.00	0.9
TIA	21.60	298	Pd	42	33.20	0.1
		eS		46	33.50	
BAG	22.02	242	eP	42	37.00	-0.6
BJI	23.56	307	eP	42	51.00	-1.3
		epP		43	15.00	114kmX
		eS		47	08.00	
		esS		47	50.00	
		eSS		48	27.00	
HKC	24.77	263	eP	43	07.00	2.8X
		eS		47	34.00	
GZH	25.26	265	Pc	43	10.00	1.2
DAV	25.41	217	eP	43	06.00	-4.2X
		eS		47	46.00	
TIY	25.61	299	iPd	43	12.50	0.4
HHC	27.13	306	iPc	43	25.80	-0.3
XAN	27.89	290	Pd	43	32.40	-0.6
		eS		48	11.00	
BTO	28.18	304	eP	43	35.50	-0.1
		S		48	25.00	
QIZ	29.73	259	eP	43	47.50	-2.1
GYA	30.35	275	P	43	54.80	-0.4
LZH	32.18	294	eP	44	11.00	-0.2
	1.5s	91.00nm			5.4mb	
CD2	32.29	284	eP	44	11.80	-0.3
		eS		49	26.00	
KMI	34.09	274	Pd	44	28.00	0.0
N	16s	1.30um				
		S		49	45.00	
GTA	35.64	299	iPd	44	40.50	-0.5
		PP		46	03.50	
LOE	37.45	262	eP	44	56.00	-0.2
PCT	38.88	258	eP	45	09.10	0.9
CHG	39.36	266	iPd	45	13.00	0.7
	0.8s	16.04nm			4.9mb	
NST	39.56	260	iPc	45	15.30	1.5
KHT	41.28	260	iPc	45	30.80	2.8X
MTN	41.78	194	eP	45	31.00	-1.0
LSA	43.25	285	eP	45	44.70	0.1
SHL	43.52	278	iP	45	46.20	-0.3
IPM	44.46	246	ePd	45	53.10	-0.9
WMO	45.01	305	iPd	45	58.50	0.3
PSI	47.26	245	ePc	46	16.50	0.3
	0.8s	19.40nm			5.1mb	
LEM	47.27	228	ePd	46	18.00	1.6
	0.8s	14.93nm			5.0mb	
WB2	48.17	188	iPd	46	22.20	-1.0
WRA	48.18	188	Pc	46	23.00	-0.2
	0.9s	127.20nm			6.0mb	
PKI	48.64	283	eP	46	27.50	0.3
	0.8s	51.00nm			5.6mb	
KKN	48.69	283	iP	46	28.10	0.6
DMN	48.89	283	eP	46	29.50	0.5
	0.9s	91.00nm			5.8mb	
ASPA	51.90	188	eP	46	51.00	-0.6
KSH	54.04	300	eP	47	09.00	1.5
KDC	54.33	37	eP	47	09.40	0.2
IMA	54.74	27	eP	47	13.30	1.0
NDI	55.34	287	iPd	47	16.50	-0.5
	1.2s	140.63nm			5.9mb	
PME	56.29	33	eP	47	23.80	0.4
	1.3s	42.50nm			5.3mb	
BRS	56.36	167	eP	47	35.00	10.7X
COL	57.03	29	eP	47	30.00	1.3
	1.0s	16.50nm			5.0mb	
FBA	57.03	29	eP	47	29.40	0.7
	1.0s	17.50nm			5.0mb	
HYB	57.87	274	ePc	47	35.50	0.2
GBA	60.38	270	P	47	52.60	0.0
POO	61.59	277	iPc	48	00.90	0.1
KOD	61.80	267	eP	48	03.00	0.4
YOU	62.45	173	eP	48	05.90	-0.3
INK	62.62	25	eP	48	06.00	-0.9
QUE	63.46	292	iPc	48	13.00	-0.2
CAN	63.55	173	iPc	48	12.80	-0.6
WAM	64.40	173	eP	48	18.60	-0.3
MBC	65.23	15	eP	48	24.00	0.1
ALE	69.03	3	eP	48	48.00	0.3
	1.6s	50.00nm			5.3mb	
SOD	73.02	338	eP	49	11.00	-0.9
KJF	74.36	335	eP	49	19.00	-0.7
DAG	74.61	355	iPc	49	20.80	-0.2
	1.1s	54.43nm			5.4mb	
PNT	75.03	42	eP	49	25.00	1.1
	1.1s	26.00nm			5.1mb	
SUF	75.76	334	iP	49	27.00	-0.8
	0.8s	5.60nm			4.6mb	
NEW	76.97	42	eP	49	37.00	2.1
NUR	77.62	333	iP	49	37.90	-0.2
	0.8s	11.80nm			5.0mb	
SES	79.39	38	eP	49	49.00	0.9
UPP	80.77	335	iP	49	36.20	-18.9X
FFC	81.52	31	eP	50	00.50	1.3
	1.2s	23.00nm			5.1mb	
EUR	81.91	50	iP	50	01.30	-0.6
	0.2s	17.58nm			5.7mb	
HFS	82.02	336	eP	50	00.80	-0.9
	1.2s	25.70nm			5.1mb	
Z	22s	0.20um			4.4Msz	
		LR		22	32.00	
NB2	82.23	338	P	50	01.60	-1.3
	1.3s	29.80nm			5.2mb	
BDW	84.33	44	eP	50	14.10	-0.1
	1.1s	4.71nm			4.5mb	
RSSD	86.86	41	eP	50	29.50	2.8X
	1.0s	5.50nm			4.7mb	
KSP	87.43	328	ePc	50	29.00	0.0
BRG	88.47	330	eP	50	33.30	-0.8
	1.2s	11.00nm			5.0mb	
CLL	88.58	330	eP	50	34.00	-0.5
PRU	88.83	329	eP	50	35.00	-0.8
MOX	89.67	330	eP	50	38.00	-1.8
KHC	89.88	328	P	50	40.20	-0.6
VAY	90.39	318	eP	50	42.40	-0.8
ALQ	90.75	49	eP	50	46.70	1.4
	1.2s	8.59nm			5.0mb	
OHR	91.55	319	eP	50	47.00	-1.7
VOY	91.93	326	eP	50	49.00	-1.4
LTX	95.95	52	eP	51	12.00	2.8X
	1.0s	3.00nm			4.7mb	
ZOBO	150.80	72	iPKPc	57	31.60	1.7
Z	24s	0.23um			4.9MszX	
		eLR		48	50.00	
LPB	150.94	73	ePKP	57	31.00	1.1
TPZ	155.04	81	ePKP	57	39.00	3.5X
	S.D. = 0.9	on	87	of	98	obs.

* SEP 24, 1985 17h 02m 28.10± 1.04s
28.269 N ±11.3km 140.887 E ±14.6km
DEPTH = 33.0km (normal)
5.0mb (5 obs.)
BONIN ISLANDS REGION (212)

MAT	8.55	345	eP	04	34.00	1.4
	0.8s	18.66nm			5.3mb	
		eS		06	16.00	
MVI	8.94	256	eP	05	08.00	30.0X
		eS		07	15.00	
GUA	15.13	165	e(P)	06	11.70	10.6X
SSE	17.35	284	P	06	26.00	-3.3X
	6.0s	1.50nm			2.3mb	X
N	10s	1.70um				
E	10s	1.00um				
		S		09	52.00	
		sS		10	04.00	
ANP	17.58	264	e(P)	06	32.00	-0.2
MDJ	18.64	334	eP	06	40.00	-5.2X
DL2	19.20	308	P	06	51.00	-0.9
NJ2	19.42	287	Pc	06	54.40	-0.1
CN2	19.85	325	Pd	06	56.00	-3.0
QZH	20.20	266	iPc	07	04.00	1.1
TIA	21.57	298	eP	07	13.80	-3.0
BAG	22.14	242	eP	07	24.00	1.1

BJI	23.50	306	eP	07	35.00	-0.8
		epP		08	16.00	216kmX
		eS		11	51.00	
		esS		13	02.00	
		eSS		13	23.00	
GZH	25.33	265	Pc	07	56.00	2.5
DAV	25.57	217	eP	08	00.00	4.2X
		eS		12	24.00	
TIY	25.58	299	P	07	56.00	0.2
HHC	27.08	305	eP	08	09.00	-0.7
XAN	27.88	290	eP	08	15.60	-1.4
BTO	28.13	304	iPc	08	19.50	0.3
GYA	30.39	275	P	08	42.00	2.4
		PP		09	44.00	
		S		13	40.00	
CD2	32.30	284	Pc	08	58.00	1.7
GTA	35.60	299	P	09	24.60	-0.2
		PP		10	44.30	
		S		15	00.00	
WMO	44.96	305	eP	10	41.20	-0.9
		PP		12	20.00	
WB2	48.34	188	eP	11	06.70	-1.9
WRA	48.35	188	Pc	11	06.90	-1.7
	0.8s	12.00nm			5.0mb	
PKI	48.65	283	eP	11	11.30	-0.1
	2.0s	12.00nm			4.6mb	
KKN	48.71	283	eP	11	11.90	0.2
	1.1s	29.00nm			5.2mb	
NDI	55.34	287	eP	12	02.50	1.3
		eS		19	46.00	
COL	56.86	29	eP	12	14.00	2.4
HYB	57.92	274	eP	12	20.00	0.3
GBA	60.43	270	Pc	12	37.40	0.3
QUE	63.45	292	eP	12	54.00	-3.3X
DAG	74.46	355	iPc	14	05.10	0.8
	0.5s	6.34nm			4.9mb	
KRA	86.11	326	eP	15	06.00	-0.9
ZOBO	150.70	72	PKP	22	24.20	10.2X
	1.1s	8.70nm				
	S.D. = 1.5	on	28	of	35	obs.

? SEP 24, 1985 18h 35m 57.81±11.71s
17.604 N ±90.0km 102.108 W ±58.7km
DEPTH = 33.0km (normal)
NEAR COAST OF MICHOACAN, MEXICO (56)

III	2.63	73	eP	36	39.00	0.0
		iS		37	17.50	
OXM	2.85	53	iP	36	41.50	-0.8
TPM	3.20	64	eP	36	46.50	-0.7
UNM	3.26	58	eP	36	53.00	4.8X
		iS		37	39.00	
TAC	3.30	57	eP	36	50.00	1.4
		eS		37	40.00	
IIC	3.45	51	eP	36	55.00	4.1X
		i		37	39.00	
JCT	12.99	9	eP	39	02.00	-0.7
	1.2s	31.25nm			5.3mb	
BHO	17.92	20	e(P)	40	05.80	-0.3
VVO	18.55	17	e(P)	40	15.00	1.1
TUL	19.08	16	eP	40	22.60	2.3X
	1.3s	18.10nm			4.2mb	
Z	17s	0.52um				
HYB	145.19	359	ePKP	55	31.00	-3.5X
	S.D. = 1.1	on	7	of	11	obs.

SEP 24, 1985 19h 14m 55.07± 0.68s
44.786 N ± 5.1km 111.161 W ± 9.2km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.9 (NEIS).

IMW	0.90	170	eP	15	11.80	-1.3
LCCM	1.17	335	iPd	15	17.70	0.3
CCMT	1.23	277	iPc	15	18.90	0.4
SXM	1.36	359	eP	15	20.60	-0.3
LRM	1.38	319	ePnd	15	21.50	0.3
BUT	1.58	322	ePn	15	24.10	0.2
		ePg		15	25.60	
		eSn		15	46.00	
		eSg		15	47.60	
TMI	1.58	201	eP	15	23.50	-0.5
HPI	1.76	233	eP	15	27.50	0.8
HRY	1.98	347	ePn	15	30.00	0.3
BDW	2.32	150	eP	15	36.00	1.3
NEW	5.38	312	eP	16	16.50	-1.6
	S.D. = 0.9	on	11	of	11	obs.

SEP 24, 1985 19h 19m 11.56± 0.65s
44.773 N ± 4.9km 111.163 W ± 8.9km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.9 (NEIS).

IMW	0.89	170	eP	19	28.30	-1.0
LCCM	1.18	335	iPd	19	34.00	-0.1
CCMT	1.23	277	iPd	19	35.40	0.4
SXM	1.38	359	eP	19	37.40	-0.2
LRM	1.39	320	ePn	19	37.90	0.1
TMI	1.57	201	eP	19	40.00	-0.3
BUT	1.58	322	ePn	19	41.20	0.7
			ePg	19	42.40	
			eSn	20	02.10	
			eSg	20	04.00	
HPI	1.75	233	eP	19	43.70	0.7
HRY	1.99	347	ePn	19	46.90	0.5
BDW	2.31	149	eP	19	52.00	0.9
NEW	5.39	312	eP	20	33.00	-1.7

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

* SEP 24, 1985 19h 44m 36.75± 0.73s
17.036 S ±10.3km 177.866 E ± 9.0km
DEPTH = 63.9 ± 6.4 km
4.8mb (4 obs.)
FIJI ISLANDS (182)

YSA	0.44	321	iPd	44	49.10	0.5
SGE	0.55	174	ePd	44	49.00	-0.9
NDF	0.82	209	ePd	44	53.50	0.6
SVA	1.21	152	ePd	44	57.60	-0.4
			S	45	20.60	
NOU	11.96	242	iPc	47	35.50	8.8X
KOU	13.33	253	iPc	47	44.60	-0.2
KRP	20.91	185	P	49	23.50	7.4X
MNG	23.59	185	eP	49	48.00	5.5X
BRS	25.37	242	iPc	50	02.20	2.5
			eS	55	00.00	
CTA	30.10	259	iPc	50	42.10	-0.5
	1.0s	11.50nm			4.6mb	
YOU	31.48	231	eP	51	04.20	9.5X
CAN	31.49	229	eP	51	04.00	9.2X
WAM	31.99	228	eP	51	03.40	4.4X
WB2	41.29	259	eP	52	16.20	-1.5
WRA	41.30	259	P	52	17.00	-0.8
	1.1s	6.80nm			4.3mb	
ASPA	41.62	253	iPc	52	20.40	-0.1
SBA	61.09	183	e(P)	54	47.00	1.0
MAT	65.13	325	(P)	55	08.00	-5.1X
Z	20s	0.53um			4.7Msz	
			eS	04	04.00	
SPA	73.07	180	e(P)	56	05.90	4.1X
MWC	79.42	49	eP	56	19.00	-19.1X
RVR	79.81	50	eP	56	49.00	9.1X
SBB	79.82	49	eP	56	34.00	-6.0X
PLM	79.89	51	eP	56	36.00	-4.6X
CLC	80.52	48	eP	56	43.00	-0.7
GSC	80.84	49	eP	56	42.00	-3.5X
GLA	81.26	52	eP	56	48.00	0.4
EUR	83.41	45	iP	57	00.00	1.2
	0.2s	5.02nm			5.2mb	
KMI	84.28	298	eP	57	03.00	-0.5
COL	85.78	14	eP	57	06.00	-3.9X
	0.9s	14.29nm			5.1mb	
LZH	87.56	309	eP	57	19.50	0.1
PRU	144.48	341	ePKP	04	10.00	2.6X
			e	04	26.00	
SRO	145.01	336	ePKP	04	17.50	9.2X
			e	04	31.70	
ZST	145.16	337	ePKP	04	10.40	1.8
KHC	145.53	342	iPKPc	04	07.50	-1.8
			e	04	24.90	
GRF	145.68	345	ePKP	04	07.90	-1.5
UCC	145.92	353	PKP	04	12.00	2.3
DOU	146.58	352	PKP	04	11.10	0.3
WLF	146.77	350	PKPc	04	11.70	0.6
KBA	147.42	340	e(PKP)	04	10.00	-2.6X
	0.8s	3.30nm				
			e	04	17.10	
VAY	147.80	324	ePKP	04	13.30	0.2
LJU	147.92	338	e(PKP)	04	14.00	0.9
SKO	147.98	326	iPKP	04	11.50	-1.9
VOY	148.15	339	ePKP	04	11.50	-2.1
			e	04	14.50	
OGA	148.32	343	ePKP	04	15.80	1.8
TRI	148.48	338	ePKP	04	13.20	-0.8
OHR	148.92	325	ePKP	04	15.00	0.0
LPF	149.08	359	ePKP	04	14.00	-0.9
	0.8s	6.10nm				
SSF	149.70	352	ePKP	04	15.70	-0.2
	1.0s	10.80nm				
LBF	149.71	352	ePKP	04	15.40	-0.6
	0.8s	4.30nm				
BGF	150.27	353	ePKP	04	16.80	0.0
	0.9s	4.70nm				
TCF	150.61	354	ePKP	04	17.70	0.4
	0.9s	3.60nm				
MZF	150.64	353	ePKP	04	17.90	0.6
	1.2s	12.50nm				
LSF	150.71	355	ePKP	04	17.60	0.2
BNG	156.17	241	ePKPd	04	15.00	-11.1X
	0.5s	4.00nm				
			i	05	12.30	

S.D. = 1.2 on 36 of 54 obs.

SEP 24, 1985 20h 28m 52.45± 0.53s
6.405 S ± 3.2km 130.037 E ± 3.6km
DEPTH = 146.6 ± 5.1 km
5.6mb (34 obs.)
BANDA SEA (280)
Felt (II) at Soumlaki, Tonimbor Islands.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 25 Dip=80 Slip= 90
NP2: 205 10 90
Principal Axes:
T Plg=55 Azm=295
P 35 115
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 142 No. of sta: 6
Moment Tensor; Scale 10**24 d-cm
Mrr= 4.31 Mtt= 1.89
Mff=-6.19 Mrt= 4.81
Mrf= 6.45 Mtf= 2.26
Principal axes:
T Val= 10.62 Plg=51 Azm=325
N -1.36 28 195
P -9.26 25 90
Best Double Couple:Mo=9.9*10**24
NP1:Strike=136 Dip=32 Slip= 27
NP2: 22 76 119
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 30C
Centroid Location:
Origin Time 20:28:59.4 0.3
Lat 6.50S 0.03 Lon 129.95E 0.04
Dep 163.1 1.2 Half-duration 3.0
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.84 0.24 Mtt=-2.33 0.28
Mff= 3.17 0.30 Mrt= 2.01 0.22
Mrf= 8.53 0.24 Mtf= 1.08 0.32
Principal Axes:
T Val= 10.28 Plg=38 Azm=282
N -2.52 2 14
P -7.76 52 106
Best Double Couple:Mo=9.0*10**24
NP1:Strike=357 Dip= 7 Slip=-106
NP2: 194 83 -88

SLKI	2.00	141	iPc	29	30.10	2.3
			iS	29	53.00	
TLE	2.80	74	iPc	29	30.20	-7.5X
			iS	30	44.00	
AAI	3.26	326	ePd	29	48.30	4.6X
MTN	6.49	171	eP	30	26.00	-0.8
KUPT	7.37	239	ePd	30	45.00	6.3X
			eS	32	01.80	
WRA	14.09	163	Pd	32	02.70	-4.1X
	0.7s	167.20nm			5.5mb	
WB2	14.10	163	iPd	32	02.90	-4.0X
DAV	14.12	342	eP	32	10.00	2.8X
			eS	34	40.00	
MDG	15.70	87	eP	32	29.00	2.0
ISO	16.95	148	eP	32	41.00	-1.4
			eS	35	39.00	
PMG	17.21	101	eP-	32	45.00	-0.6
ASPA	17.56	168	iPd	32	47.60	-2.2
M8L	17.69	213	iPd	32	50.80	-0.4
			eS	35	57.00	
KKM	18.53	312	ePc	33	01.00	0.5
	0.5s	308.70nm			5.9mb	
			e	33	08.00	
PPR	19.63	325	ePd	33	14.50	2.6
	1.0s	235.00nm			5.5mb	
ALOA	20.49	102	iPd	33	21.00	0.4
CTA	20.81	132	iPd-	33	24.40	0.5
	1.0s	396.50nm			5.8mb	
			i	34	06.00	
			iS	37	00.00	
			i	47	12.20	
NAU	21.31	220	iPc	33	29.70	0.9
	0.5s	144.00nm			5.7mb	
			eS	37	30.00	
PGP	21.74	335	ePc	33	29.00	-4.0X
			iS	34	01.00	
RAB	22.15	85	eP	33	37.00	-0.1
	0.8s	179.10nm			5.5mb	
			iS	37	34.00	
LEM	22.27	268	ePd	33	40.00	1.5
			eS	37	32.00	
MAN	22.74	337	eP	33	45.60	2.9X
MEK	22.89	207	eP	33	44.00	-0.2
	0.5s	160.00nm			5.7mb	
			eS	38	06.00	
GUA	24.71	37	eP	34	02.20	0.5
	0.6s	133.33nm			5.6mb	
PJG	24.72	37	eP	34	02.30	0.5
BGA	24.99	91	eP	34	03.00	-1.5
			eS	37	06.00	
CVP	25.29	341	ePc	34	06.60	-0.4
			eS	34	47.50	
KLG	25.55	197	iPc	34	09.70	0.3
	0.4s	67.00nm			5.6mb	
			eS	39	02.00	
SZP	25.62	338	iPd	34	12.00	2.0
MRWA	26.28	209	iPd	34	15.80	-0.2
	0.5s	85.00nm			5.6mb	
			eS	39	18.00	
RMQ	26.78	140	iPd	34	20.20	-0.4
			e	34	56.00	
BAL	27.14	206	eP	34	23.00	-0.8
	0.4s	34.00nm			5.3mb	
			eS	39	41.00	
STK	27.55	158	iPd	34	27.10	-0.4
			e	34	57.00	
			e	39	50.00	
KLB	27.57	203	eP	34	22.00	-5.6X
	0.5s	180.00nm			6.0mb	
			eS	39	45.00	
KGM	27.96	287	ePc	34	32.10	0.8
			e	34	51.50	
MUN	28.53	205	iPd	34	35.90	-0.5
	0.5s	77.00nm			5.7mb	
			eS	40	12.00	
NWAO	28.95	203	iPc	34	40.00	-0.1
	0.5s	53.00nm			5.5mb	
ADE	29.53	165	iPd	34	44.30	-0.9
	0.8s	373.13nm			6.2mb	
VSG	29.53	97	eP	34	44.00	-1.4
SVO	29.62	97	eP	34	45.00	-1.2
			e(S)	36	35.00	
HNR	29.77	98	iPd	34	45.90	-1.6
			e(S)	40	46.00	
BRS	30.04	137	iPd	34	48.20	-1.6
			i(pPP)	35	24.20	
			e	35	36.00	
			eS	38	54.00	
			iPcS	41	15.70	
			i(ScS)	44	50.00	
RKG	30.05	202	eP	34	55.00	5.2X
	0.5s	31.00nm			5.3mb	
			eS	41	09.00	
PPI	30.16	280	ePd	34	49.70	-1.2
	0.9s	308.60nm			6.0mb	
IPM	30.95	290	ePc	34	54.90	-3.0X
	0.8s	47.90nm			5.3mb	
			e	35	22.40	
			e	36	11.50	
QIZ	32.17	322	iPc	35	07.50	-0.9
			pP	35	43.00	169kmX
			sP	35	59.00	
			PP	36	26.00	
			iS	40	08.00	
			sS	41	02.00	

24d 20h

			ScP	41	23.00		DL2	45.75	351	P	37	00.00	-0.7	KSH	67.57	317	iPc	39	37.00	1.6
			PcS	41	36.50					S	43	28.00					PP	42	04.00	
SNG	32.30	294	eP	35	09.50	-0.2	TIY	46.86	341	P	37	09.60	0.0				S	48	23.00	
			eS	41	22.50					PP	39	02.00		QUE	70.48	305	iPc	39	53.20	-0.3
PSI	32.35	285	iPc	35	09.60	-0.5				iS	43	47.00			1.9s	500.00nm			6.0mb	
	0.9s	151.00nm			5.8mb					sS	44	50.00					eS	48	52.00	
HKC	32.49	332	eP	35	10.00	-1.1				ScS	46	48.00		SBA	73.92	172	iPd	40	13.50	0.9
			eS	40	11.00		BJI	47.95	346	Pc+	37	18.00	0.1		1.0s	20.00nm			4.8mb	
YOU	32.51	151	iPd	35	11.60	0.3				epP	37	49.00	135kmX	MAW	75.51	201	eP	40	23.00	1.1
			e	41	23.40					esP	38	09.00		MHI	78.34	309	eP	40	41.00	2.7X
BFO	32.68	161	iPd	35	12.90	0.2				eScP	42	23.00		KHI	78.40	307	iPc	40	39.60	0.8
	0.9s	194.00nm			5.9mb					eS	44	00.00		AVY	80.70	252	eP	40	52.20	0.9
TSI	32.93	287	ePd	35	15.50	0.4				esS	44	56.00		PMO	80.73	104	iP	40	53.50	2.3
QZH	33.09	341	iPc	35	16.00	-0.3				ScS	46	54.00			0.9s	40.60nm			5.2mb	
			iS	40	20.00					eSS	47	24.00		TPT	81.00	104	iP	40	54.90	2.3
GZH	33.55	331	Pc	35	20.00	-0.3	AGT	48.36	310	eP	37	27.00	5.7X		0.9s	45.00nm			5.2mb	
			S	40	26.00		SNY	48.36	354	iPc	37	21.00	0.0	RUV	81.21	104	iP	40	55.90	2.2
CAN	33.65	151	iPd	35	21.90	0.7				pP	37	52.00	135kmX		0.9s	25.00nm			5.0mb	
			i	41	27.70					sP	38	10.00		SPA	83.64	180	eP	41	05.20	-0.4
TOO	34.06	158	iPd	35	25.30	0.6				iS	44	08.00			1.0s	14.00nm			4.8mb	
WAM	34.31	152	iPd	35	27.10	0.4				ScS	46	56.00			Z 21s	0.78um			5.1Msz	
PCT	35.28	307	eP	35	35.60	0.4	SHL	48.83	312	iP	37	23.50	-1.7				e	51	09.40	
NNT	35.54	302	eP	35	38.40	1.0				iS	44	10.00		SYO	84.26	201	eP	41	09.80	1.4
			e	41	35.00		LZH	48.90	332	iPc	37	26.00	0.4	KER	87.77	305	eP	41	29.00	2.5
KOU	36.05	116	iPd	35	50.90	9.3X		5.0s	1529.00nm				6.0mb X	MSL	91.26	306	ePd	41	43.50	1.0
			iS	41	37.20		E	10s	0.50um								e	52	01.50	
LOE	36.63	311	eP	35	45.00	-1.5				eS	44	09.00		COL	92.43	25	eP	41	48.00	0.7
BSI	36.64	288	eP	35	47.00	0.4	HHC	49.99	342	iPc	37	34.00	0.2	NAI	93.07	268	iPc	41	54.00	2.3
MST	36.86	307	eP	35	48.50	0.1				S	44	30.00			1.0s	37.00nm			5.6mb	
			e	41	39.10					ScS	47	08.00		RTB	93.22	303	eP	41	38.00	-13.7X
KHT	37.62	304	iPc	35	56.10	1.2	CN2	50.14	356	iPc	37	34.00	-0.7				i	45	16.00	
			e	41	43.20					pP	38	06.50	141kmX				i	51	53.00	
SSE	38.24	348	iP+	36	00.00	0.2				PcP	38	54.50					i	52	16.00	
	Z 10s	1.30um			5.0MszX					ScP	42	31.60		JER	97.44	301	e(P)	42	14.00	3.0X
	E 10s	0.70um								iS	44	30.00					eS	52	36.00	
			pP	36	40.00	187kmX				iScS	47	08.00		PRNI	97.54	300	iP	42	12.50	1.1
			S	41	28.00		BTO	50.27	340	eP	37	35.20	-0.6	KRI	98.07	252	eP	42	14.00	-0.1
			sS	42	37.00					pP	38	10.00	152kmX	INK	98.30	22	eP	42	13.00	-1.0
			SS	44	30.00					sP	38	27.00		BUL	98.45	249	iPc	42	16.80	0.9
DZM	38.43	118	iPd	36	01.70	0.0				PP	39	35.00		LSZ	99.67	253	iPd	42	22.20	0.8
			i	41	47.10					S	44	34.00					i	46	26.50	
NOU	38.51	118	iPc	36	01.20	-1.1	MSZ	50.40	145	P	37	37.10	0.4	SOD	101.03	337	ePdiff	42	28.00	1.7
			i	41	45.10		MDJ	50.79	360	iPc	37	40.00	0.5	KJF	101.10	334	ePdiff	42	26.00	-0.7
BDT	38.64	308	eP	36	00.70	-2.6				pP	38	11.00	134kmX				eSKS	52	44.00	
	0.7s	144.80nm			5.8mb					sP	38	29.00					eS	53	48.00	
TAU	39.43	160	iPd	36	11.00	1.4				PcP	38	56.00					e	54	00.00	
			iScP	41	48.70					PP	39	39.00					ePS	54	50.00	
CHG	39.59	310	iPc	36	12.00	0.8				iS	44	42.00		SUF	102.02	333	iPdiff	42	29.50	-1.3
	1.1s	136.71nm			5.6mb					iScS	47	13.00			0.4s	1.70nm			5.1mb	
			eS	42	16.00		KRP	51.78	134	P	37	47.60	0.4	NUR	103.11	331	iPdiff	42	34.80	-0.8
NJ2	39.70	345	Pc	36	11.00	-0.9	LSA	51.80	316	iPc	37	47.40	-0.6		0.7s	8.00nm			5.7mb	
			ScP	41	49.40					eS	44	54.60					eSkS	53	00.00	
			S	42	00.00		VIS	52.00	298	iP	37	49.00	-0.1				eS	54	04.00	
			sS	43	02.50		TCW	52.42	138	iPd	37	50.60	-1.3				ePS	55	08.00	
GYA	39.76	326	Pc	36	13.00	0.4	MNG	52.94	137	P	37	54.10	-1.7	MLR	104.42	315	ePdiff	42	41.50	-0.6
			pP	36	50.00	170kmX				(PcP)	38	35.00		YKA	107.20	26	ePKP	47	04.20	1.9
			sP	37	05.00		GTA	53.47	331	iPc	38	02.40	2.6X	DAG	107.68	353	iPdiff	42	55.70	0.1
			ScP	41	51.00					PcP	39	03.50			0.6s	6.00nm			6.0mb	
			S	42	00.00					ScP	42	48.20		SPC	107.72	320	ePKP	47	19.70	15.7X
			ScS	46	00.00					S	45	12.70					e	47	33.30	
SHK	40.79	3	ePc	36	21.70	0.9				sS	46	23.20		SKO	108.07	312	e(PKP)	46	56.50	-8.2X
KMI	41.08	321	Pc	36	25.00	1.4				ScS	47	31.30					i	47	25.20	
			pP	36	53.00	123kmX	GNZ	53.86	134	P	38	02.50	0.0	HFS	108.46	332	ePdiff	42	58.20	-1.3
			PP	37	06.00					e	38	04.40			0.5s	1.80nm			5.6mb	
			sP	37	17.00		PKI	54.77	310	iPc	38	09.50	-0.3	NB2	109.27	333	Pdiff	43	02.00	-1.1
			PP	38	04.00		KOD	54.90	287	eP	38	10.00	-0.8		0.9s	3.60nm				
			ScP	41	57.50					eS	45	36.00		KSP	109.84	322	e(PKP)	47	25.00	17.3X
			PcS	42	16.00		KKN	54.98	310	iPc	38	11.10	0.0	EDM	110.87	35	iPKP	47	10.50	0.9
			S	42	25.50		DMN	55.02	310	iPc	38	11.60	0.1	PRU	111.15	321	ePKP	46	51.50	-18.7X
			ScS	46	13.00		GBA	55.87	291	P	38	16.00	-1.4				e	47	31.50	
KYS	42.46	12	eP	36	33.70	-0.8	HYB	56.09	296	iPc	38	18.00	-1.0				e	47	54.00	
OYM	42.49	11	eP	36	33.80	-1.0		1.5s	733.30nm				6.4mb	BNG	111.81	272	iP(Pc	47	12.80	0.3
SRY	42.68	11	eP	36	36.70	0.4	AFI	57.64	102	P	38	30.00	0.0		1.0s	22.00nm				
DDR	43.05	11	eP	36	38.10	-1.2				eS	48	56.00					i	47	56.90	
MAT	43.40	10	eP	36	41.00	-1.1	DRV	60.56	175	eP	38	48.50	-0.6				i	50	32.50	
			eS	42	54.00		POO	60.68	295	iP	38	50.00	-0.8	KHC	111.99	321	ePKP	47	09.50	-2.4
TSK	43.43	12	eP	36	41.70	-0.6				iS	46	51.00					e	47	26.00	
TIA	44.09	345	eP	36	47.20	-0.5	NDI	61.65	307	iP	38	55.30	-1.9				e	47	54.00	
			ScP	42	06.20					iS	47	01.00		EUR	112.51	50	iPKP	47	14.80	1.3
			eS	43	05.20		BOM	61.72	295	iP	38	56.00	-1.7		0.2s	7.82nm				
			ScS	46	29.70					eS	47	03.00		VOY	112.62	317	ePKP	47	13.00	-0.2
XAN	44.92	335	iPc	36	53.60	-0.7	WMQ	62.92	327	iPd	39	05.50	0.1				e	48	00.00	
			pP	37	28.00	154kmX				pP	39	40.00	144kmX				i	50	32.50	
			sP	37	46.00					S	47	21.00					e	53	41.20	
			PP	38	46.00					iScS	48	40.00		KBA	112.71	319	ePKP	47	15.50	2.0
			iS	43	15.50		AJM	62.95	304	iP	39	04.00	-1.8		0.6s	4.80nm				
			ScS	46	34.00					eS	47	26.00					i	48	10.50	

MEM	116.09	324	PKP	47	12.60	-7.0X
WLF	116.38	323	Pdiff	43	22.80	-12.0X
BSF	116.68	321	ePKP	47	20.20	-0.8
HAU	116.89	321	ePKP	47	21.00	-0.3
DOU	117.13	324	PKP	47	22.50	0.9
			e	49	29.00	
			e	54	07.00	
LPG	117.54	318	ePKP	47	22.40	-0.6
LOR	118.73	321	ePKP	47	24.30	-0.5
LBF	118.77	321	ePKP	47	24.50	-0.4
SMF	118.99	321	ePKP	47	25.20	-0.1
SSF	119.03	321	ePKP	47	25.30	-0.1
AVF	119.24	321	ePKP	47	25.30	-0.5
BGF	119.65	321	ePKP	47	26.50	-0.1
TCF	120.17	321	ePKP	47	27.60	0.0
GOL	120.38	47	ePKP	47	29.00	0.5
	1.0s	5.00nm				
CAF	120.82	319	ePKP	47	28.90	0.0
GRR	121.09	324	ePKP	47	29.20	0.0
LPF	121.36	324	ePKP	47	29.80	0.1
LPO	121.49	319	ePKP	47	30.30	0.2
MFF	121.49	322	ePKP	47	30.00	0.0
LFF	121.68	320	ePKP	47	30.60	0.2
RSON	122.74	31	iPKP	47	32.10	-0.2
	0.8s	35.21nm				
EPF	122.74	318	ePKP	47	32.30	-0.3
LTX	124.59	59	ePKP	47	36.10	-0.6
	0.9s	3.59nm				
LGR	124.88	318	ePKP	47	38.00	1.2
			e	49	32.00	
LHC	126.51	32	ePKP	47	40.00	0.3
JCT	127.54	56	iPKP	47	43.00	0.7
	0.9s	35.71nm				
			e	47	52.00	
SCH	129.86	13	ePKP	47	47.00	1.1
IFR	130.52	309	ePKP	47	50.00	1.9
FVM	131.71	43	ePKP	47	48.00	-2.0
	1.0s	18.00nm				
KIC	135.07	273	ePKP	47	43.90	-13.1X
			e	47	57.80	
			e	50	33.50	
RSNY	136.37	26	ePKP	47	59.00	0.4
	0.8s	7.75nm				
HNME	137.44	19	ePKP	48	02.00	1.5
ANT	144.02	147	iPKP	48	11.50	-1.4
SLA	145.56	155	ePKPc	48	15.80	0.1
MBO	146.61	286	iPKPc	48	20.70	3.3X
TPZ	148.28	151	PKP	48	24.50	4.0X
			i	48	26.80	
			i	49	10.70	
ARE	148.86	137	ePKP	48	27.00	5.6X
BMA	150.53	191	ePKP	48	30.60	7.2X
UPA	150.59	83	iPKPc	48	29.00	5.3X
	0.6s	97.33nm				
	Z 20s	0.33um			5.3Msz	
			i	49	15.00	
VAO	150.63	186	e(PKP)	48	26.00	2.4
LPB	150.99	142	ePKP	48	26.00	1.3
			i	48	32.50	
			(S)	49	26.00	
ZOBO	151.18	142	PKP	48	27.20	2.0
	1.1s	130.51nm				
			LR	14	08.00	
CCH	151.47	146	ePKP	48	26.00	0.7
			i	48	33.20	
CHN	154.43	92	ePKP	48	28.50	-0.9
CHN	154.43	92	ePKP	48	08.00	-21.4X
BAO	158.02	185	e(PKP)	48	30.60	-3.3X
SDV	159.37	82	ePKP	48	36.30	0.8
ITR	161.04	217	ePKP	48	37.90	0.9
			e	48	49.40	
			e	49	20.30	
			e	49	29.90	
			e	49	37.20	
			e	50	10.10	
			e	51	54.70	
SOB1	162.05	210	ePKP	48	39.20	1.2
			e	48	50.10	
			e	49	30.30	
			e	49	41.70	
			e	51	55.80	
ATB	170.11	167	e(PKP)	48	45.00	0.6
	S.D. = 1.1	on 175 of 206 obs.				

* SEP 24, 1985 21h 16m 46.96± 0.83s
28.388 N ±12.7km 129.650 E ±11.5km
DEPTH = 49.7 ± 6.8 km

4.9mb (4 obs.)

RYUKYU ISLANDS (238)

NZJ	0.13	265	iPc	16	55.70	0.4
			iS	17	04.80	
MAT	10.87	39	eP	19	22.00	-0.8
BJI	16.08	320	eP	20	36.00	4.9X
KMI	24.23	269	Pd	22	00.00	-0.6
PKI	38.91	280	eP	24	09.80	-0.3
	0.8s	13.00nm			4.8mb	
KKN	38.98	280	eP	24	10.30	-0.2
	0.7s	26.00nm			5.2mb	
DMN	39.17	280	eP	24	11.60	-0.5
	0.8s	21.00nm			5.0mb	
W82	48.26	174	eP	25	25.00	0.0
KJF	69.79	333	eP	27	54.00	0.3
SUF	71.04	332	eP	28	02.00	0.7
NUR	72.65	330	eP	28	11.00	0.1
NB2	77.94	334	P	28	40.60	-0.4
	0.7s	1.30nm			4.1mb	
VOY	85.84	321	eP	29	24.00	1.4
	S.D. = 0.7	on 12 of 13 obs.				

* SEP 24, 1985 22h 37m 25.95± 0.80s
17.841 N ±12.0km 102.341 W ± 7.3km
DEPTH = 33.0km (normal)
4.5mb (14 obs.)

NEAR COAST OF MICHOACAN, MEXICO (56)

III	2.78	79	eP	38	09.00	-0.4
			iS	38	45.00	
OXM	2.90	60	iP	38	11.00	-0.2
TPM	3.31	69	iP	38	16.50	-0.4
UNM	3.34	63	eP	38	22.00	4.6X
			iS	39	05.00	
TAC	3.37	62	eP	38	19.00	1.2
			iS	39	04.00	
IIC	3.49	56	eP	38	22.00	2.4
			i	39	10.00	
PBJ	6.78	101	eP	39	07.00	1.3
			iS	40	27.50	
LTX	11.50	354	eP	40	11.50	0.4
	1.0s	8.00nm			4.9mb X	
JCT	12.79	10	eP	40	27.00	-1.3
	1.2s	54.69nm			5.5mb X	
ALQ	17.42	349	eP	41	29.80	1.5
	1.0s	6.75nm			3.7mb	
GLA	18.85	326	P	41	46.40	0.5
PLM	20.21	323	eP	42	05.00	3.9X
SDW	21.25	325	P	42	15.10	3.4X
GSC	21.63	326	eP	42	17.00	1.6
SB8	21.73	324	eP	42	18.00	1.6
GOL	21.94	354	eP	42	18.00	-0.7
	0.8s	8.33nm			4.2mb	
GLD	21.97	354	eP	42	21.00	2.0
	1.0s	18.00nm			4.5mb	
MSU	22.32	339	P	42	23.40	1.0
CLC	22.44	326	eP	42	26.00	2.5
VPEM	22.66	326	P	42	27.00	1.3
DAU	23.77	343	P	42	37.80	1.0
DUG	24.05	340	P	42	39.40	0.2
PRM	24.10	44	eP	42	36.00	-3.6X
MNA	24.73	329	P	42	47.50	1.6
BDW	25.60	348	iP	42	53.00	-1.2
	1.0s	6.00nm			4.1mb	
ARN	25.73	323	P	42	56.40	1.2
BMN	25.92	333	eP	42	57.00	0.0
RSSD	26.24	357	eP	42	58.20	-1.8
	0.8s	3.87nm			4.1mb	
LRM	29.14	345	ePc	43	25.00	-1.4
EDM	36.34	349	iPc	44	26.70	-1.9
FFC	36.81	0	iPd	44	30.00	-2.5
	0.9s	13.00nm			4.8mb	
YKC	45.39	352	eP	45	40.50	-2.4
RSNT	45.41	352	P	45	41.00	-2.0
	0.9s	8.40nm			4.7mb	
YKA	45.42	352	eP	45	41.80	-1.3
INK	54.15	346	eP	46	48.00	-1.8
PMR	54.60	335	P	46	53.50	0.3
TTA	58.07	334	P	47	17.20	-0.9
	0.9s	6.25nm			4.7mb	
MBC	59.09	355	eP	47	23.00	-2.0
SOB1	66.35	109	eP	48	13.60	-0.5
EKA	80.62	35	Pd	49	36.90	0.2
	0.8s	4.50nm			4.5mb	
GRR	84.23	41	eP	49	55.60	0.1
	0.8s	3.60nm			4.6mb	
LPF	84.24	41	eP	49	55.40	-0.1
FLN	84.33	41	eP	49	56.20	0.2
	0.8s	5.50nm			4.8mb	
LDF	84.61	41	eP	49	57.40	0.0
MFF	85.31	43	eP	50	00.60	-0.3
NB2	85.37	27	P	50	03.00	2.0
	0.8s	1.80nm			4.3mb	
LFF	86.49	44	eP	50	06.50	-0.3
LSF	86.51	42	eP	50	07.00	0.1
	0.6s	1.60nm			4.4mb	
RJF	86.86	43	eP	50	08.20	-0.5
TCF	86.94	42	eP	50	09.20	0.2
	0.6s	3.30nm			4.7mb	
MZF	87.20	42	eP	50	10.50	0.2
CAF	87.37	44	eP	50	11.30	0.2
SSF	87.46	41	eP	50	11.70	0.2
LOR	87.59	41	eP	50	12.60	0.4
HYB	144.95	359	ePKP	57	01.00	-1.3
	S.D. = 1.3	on 51 of 55 obs.				

SEP 24, 1985 22h 39m 54.62± 0.29s
21.222 N ± 5.2km 146.128 E ± 6.0km
DEPTH = 33.0km (normal)
4.9mb (10 obs.)

MARIANA ISLANDS REGION (215)

MAT	16.75	337	iPc	43	49.10	0.7
SHK	17.78	321	eP	43	56.60	-4.7X
SSE	24.40	299	eP	45	09.00	-2.2
	Z 16s	0.60um			4.2MszX	
			eS	49	32.00	
			sS	49	44.00	
NJ2	26.59	300	Pc	45	31.00	-0.7
MDJ	27.04	333	eP	45	37.50	1.8
SNY	27.98	322	eP	45	43.40	-0.9
CN2	28.33	327	eP	45	48.00	0.6
TIA	29.36	307	eP	45	55.80	-1.0
TIY	33.40	307	eP	46	32.80	0.4
XAN	35.16	299	eP	46	46.00	-1.5
HHC	35.18	312	eP	46	48.00	0.3
BTO	36.17	311	eP	46	57.00	0.9
MTN	36.92	205	eP	47	02.00	-0.4
CD2	39.07	293	eP	47	20.70	0.2
LZH	39.63	301	eP	47	26.00	0.8
CTA	41.06	180	eP	47	37.00	0.2
WB2	42.50	197	eP	47	48.50	-0.2
			e	49	41.60	
WRA	42.51	197	Pd	47	49.30	0.6
	0.7s	6.00nm			4.4mb	
GTA	43.38	305	P	47	55.30	-0.6
DZM	47.38	154	iPc	48	28.00	0.2
NOU	47.59	154	iPc	48	28.80	-0.6
PSI	49.46	255	ePd	48	45.50	1.5
	0.8s	19.40nm			5.2mb	
SHL	49.69	286	eP	48	45.00	-0.9
WMQ	53.00	309	P	49	12.00	1.4
PKI	55.20	289	eP	49	26.90	-0.3
	0.6s	9.00nm			5.0mb	
KKN	55.28	290	eP	49	27.60	-0.1
	0.6s	6.00nm			4.8mb	
DMN	55.46	290	eP	49	29.20	0.2
	0.6s	9.00nm			5.0mb	
COL	60.87	27	eP	50	06.00	0.0
NDI	62.17	292	eP	50	14.50	-0.9
HYB	63.46	279	eP	50	24.00	0.0
GBA	65.56	276	P	50	38.00	0.4
KOD	66.57	272	eP	50	44.50	0.0
INK	66.91	23	eP	50	44.00	-1.4
POO	67.47	282	iPc	50	50.20	0.3
M8C	70.62	15	eP	51	08.00	-0.3
OUE	70.63	296	eP	51	10.00	0.6
YKA	75.58	28	eP	51	38.00	0.4
YKC	75.65	28	eP	51	37.50	-0.4
	0.5s	7.00nm			4.9mb	
PNT	76.89	42	eP	51	45.00	-0.2
	0.7s	6.00nm			4.7mb	
SOD	81.14	340	iP	52	07.80	-0.1
KJF	82.57	337	iP	52	16.00	0.7
	0.7s	12.00nm			5.1mb	
EUR	82.61	51	iP	52	16.00	-0.4
	0.2s	6.98nm			5.4mb	
SUF	84.00	336	eP	52	23.00	0.3
NUR	85.89	335	iP	52	32.50	0.3
N82	90.36	340	PKP	52	53.40	-0.3
	1.0s	2.90nm			4.5mb	
ZOBO	147.23	87	PKP	59	39.00	3.7X
	1.2s	10.14nm				

24d 22h

		LR	26 00.00				
LPB	147.32	88 ePKP	59 36.00	0.7			
CNCB	147.49	88 PKP	59 39.20	3.5X			
CCH	149.33	88 (PKP)	59 50.00	11.7X			
TPZ	150.36	96 (PKP)	59 48.00	8.2X			
S.D. = 0.8		on 45 of 50 obs.					

* SEP 24, 1985 22h 56m 22.22± 1.53s
39.552 N ±11.1km 19.197 E ±14.6km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

VLS	1.75	141 ePn	56 52.50	-0.3			
		eSn	57 25.50				
OHR	1.98	38 iPn	56 55.90	-0.3			
KZN	2.12	68 ePn	57 00.00	1.8			
TTG	2.88	1 ePn	57 10.00	1.1			
		eSn	57 38.00				
HCY	2.94	350 ePn	57 09.50	-0.3			
SKO	2.96	34 ePn	57 08.20	-1.9			
		iPg	57 17.50				
		iSn	57 45.00				
PVY	3.10	11 ePn	57 15.60	3.5X			
		eSn	57 47.50				
VAY	3.12	54 iPn	57 12.00	-0.4			
NKY	3.26	357 ePn	57 15.00	0.5			
IVA	3.36	9 ePn	57 20.00	4.1X			
		eSn	58 08.50				
BRY	3.38	352 ePn	57 16.00	-0.2			
BEO	5.35	10 ePn	57 51.50	7.5X			
CLO	6.13	25 eP	58 07.00	12.0X			
CEY	7.11	332 ePn	58 03.40	-5.4X			
1.0s		178.00nm		6.2mb X			
		eSn	59 18.00				
LJU	7.34	334 ePn	58 03.50	-8.4X			
1.5s		210.00nm		6.1mb X			
		eSn	59 21.00				
TRI	7.34	329 eP	58 05.60	-6.4X			
		e	59 20.50				
		e	00 22.90				
VOY	7.56	331 iPnc	58 06.30	-8.8X			
		eSn	59 25.00				
KBA	8.65	332 eP	58 26.50	-3.9X			
1.0s		4.90nm		4.8mb X			
		e	59 46.00				
		i	00 07.70				
S.D. = 1.2		on 9 of 18 obs.					

* SEP 24, 1985 23h 00m 07.25± 1.01s
80.394 N ±15.6km 3.380 W ±14.3km
DEPTH = 10.0km (geophysicist)
3.9mb (3 obs.)
NORTH OF SVALBARD (641)

KBS	3.13	111 iP+	01 08.50	11.1X			
0.5s		66.70nm					
DAG	4.73	228 iPd	01 21.00	0.7			
0.3s		63.64nm					
		i	02 11.00				
ALE	8.65	312 eP	02 13.00	-2.2			
SOD	15.14	132 iP	03 48.20	5.8X			
KJF	18.32	134 iP	04 21.40	-1.1			
0.9s		32.10nm		4.5mb			
SUF	19.57	137 iP	04 37.20	-0.5			
0.5s		1.80nm		3.6mb			
NB2	19.90	159 P	04 44.40	3.1X			
1.1s		6.80nm		3.9mb			
INK	28.97	324 eP	06 10.00	1.8			
KRA	31.45	151 eP	06 39.90	9.5X			
KHC	31.91	159 eP	06 45.50	11.0X			
KKN	62.57	86 eP	10 34.70	1.2			
0.6s		14.00nm		5.3mb X			
HYB	71.59	95 eP	11 38.30	8.0X			
S.D. = 1.9		on 6 of 12 obs.					

SEP 25, 1985 01h 47m 03.23± 0.23s
39.317 N ± 4.6km 75.419 E ± 3.9km
DEPTH = 10.0km (geophysicist)
4.6mb (24 obs.) 4.2Msz (1 obs.)
SOUTHERN XINJIANG, CHINA (321)

KSH	0.46	72 iPgc	47 14.00	1.5			
DDI	9.23	166 eP	49 22.00	2.6X			
		eS	51 09.00				
WMO	10.24	60 eP	49 32.00	-1.3			
		S	51 21.00				
NDI	10.71	171 iP	49 40.00	0.3			
		iS	51 39.50				
QUE	11.46	220 eP	49 51.10	1.0			
KKN	14.12	142 eP	50 22.80	-2.9			
DMN	14.19	142 eP	50 24.20	-2.4			
PKI	14.37	142 eP	50 26.50	-2.5			
KHI	14.41	254 e(P)	50 28.00	-1.3			
LSA	16.11	122 eP	50 53.20	1.4			
GTA	18.85	82 P	51 25.70	0.0			
SHL	19.48	130 eP	51 29.00	-4.4X			
POO	20.76	184 eP	51 48.00	1.2			
		iS	58 03.00				
HYB	21.99	172 eP	52 00.00	0.7			
1.0s		50.00nm		4.9mb			
LZH	22.68	89 eP	52 01.50	-4.7X			
1.5s		341.00nm		5.6mb X			
CD2	24.58	101 eP	52 27.20	2.7X			
GBA	25.67	175 P	52 36.00	1.1			
		S	56 56.00				
BTO	26.45	76 eP	52 43.60	1.4			
KMI	26.97	113 eP	52 48.50	1.3			
N 16s		8.20um					
		eS	57 48.00				
XAN	27.28	91 eP	52 50.40	0.7			
CHG	28.83	128 eP	53 11.00	7.2X			
KOD	29.02	176 eP	53 07.00	1.2			
MLR	36.57	296 ePd	54 12.50	1.4			
SUF	37.50	325 iP	54 17.80	-0.7			
0.7s		3.60nm		4.3mb			
NUR	37.71	321 eP	54 19.00	-1.2			
Z 16s		0.10um		3.7MszX			
		LR	10 20.00				
VAY	39.83	290 eP	54 38.30	0.1			
SPC	39.92	303 eP	54 41.00	1.8			
KRA	40.02	304 eP	54 40.40	0.7			
Z 16s		1.50um		4.9MszX			
N 16s		1.20um					
E 16s		1.40um					
		e	54 45.90				
PRU	43.47	305 P	55 08.90	0.9			
Z 15s		0.50um		4.5MszX			
CLL	44.22	307 iPd	55 14.60	0.7			
1.5s		17.00nm		4.7mb			
KHC	44.25	304 iPc	55 15.00	0.7			
1.0s		10.50nm		4.6mb			
		e	57 13.50				
LJU	44.30	299 eP	55 15.00	0.3			
NB2	44.31	321 P	55 13.90	-0.8			
0.8s		9.30nm		4.7mb			
VOY	44.73	300 ePd	55 18.00	-0.4			
TRI	44.90	299 iPd	55 20.10	0.5			
MOX	45.20	306 eP	55 23.00	1.1			
GRF	45.64	305 ePc	55 26.80	1.4			
1.0s		18.00nm		5.0mb			
Z 20s		0.30um		4.2Msz			
CDF	48.47	304 eP	55 47.80	0.0			
MEM	48.69	307 P	55 50.20	1.0			
WLF	48.84	306 P	55 50.90	0.4			
BSF	48.94	304 eP	55 51.70	0.2			
0.9s		15.10nm		5.0mb			
HAU	49.18	304 eP	55 53.20	0.0			
0.9s		6.50nm		4.6mb			
LPG	49.88	301 eP	55 57.70	0.3			
0.8s		5.30nm		4.6mb			
DOU	49.70	307 P	55 58.00	1.0			
FRF	50.39	298 eP	56 02.50	0.0			
LRG	50.63	298 eP	56 04.40	0.2			
LOR	51.01	304 eP	56 06.50	-0.6			
LBF	51.02	303 eP	56 06.60	-0.7			
0.8s		2.50nm		4.2mb			
SMF	51.22	303 eP	56 08.50	-0.3			
1.0s		4.00nm		4.3mb			
SSF	51.30	304 eP	56 08.90	-0.5			
1.0s		4.00nm		4.3mb			
AVF	51.49	303 eP	56 10.40	-0.4			
0.9s		11.90nm		4.8mb			
BGF	51.90	303 eP	56 13.20	-0.7			
1.2s		5.70nm		4.4mb			
MZF	52.19	303 eP	56 16.20	0.1			
1.0s		5.70nm		4.5mb			
TCF	52.41	303 eP	56 17.70	-0.1			
1.0s		4.40nm		4.3mb			
EKA	52.72	315 Pc	56 19.00	-1.0			
0.9s		6.60nm		4.6mb			
LSF	52.86	303 eP	56 20.50	-0.6			
0.9s		3.00nm		4.2mb			
CAF	52.99	302 eP	56 22.00	-0.1			
1.0s		4.80nm		4.4mb			
DAG	53.06	343 iPd	56 20.50	-1.7			
0.6s		6.00nm		4.7mb			
LDF	53.09	306 eP	56 22.20	-0.6			
RJF	53.21	302 eP	56 23.90	0.2			
GRR	53.62	306 eP	56 26.00	-0.7			
0.8s		6.10nm		4.6mb			
LPO	53.66	302 eP	56 26.80	-0.2			
MFF	53.81	304 eP	56 27.30	-0.8			
LFF	53.86	302 eP	56 28.40	0.0			
MLS	54.39	300 iPd	56 32.00	-0.4			
EPF	54.86	300 eP	56 34.70	-1.3			
1.0s		4.00nm		4.4mb			
BNG	61.89	251 iPd	57 24.70	-0.7			
0.6s		9.00nm		5.1mb			
		i	57 31.10				
MBC	64.33	4 iPc	57 40.30	-0.3			
0.7s		9.00nm		5.1mb			
INK	70.52	11 eP	58 19.00	-0.6			
YKA	78.22	5 eP	59 04.90	0.9			
YKC	78.24	5 eP	59 03.90	-1.1			
WB2	80.64	125 eP	59 17.70	-0.1			
CTA	88.63	117 i(P)c	59 59.00	1.1			
ALQ	106.09	2 e(Pdif	01 36.50	19.3X			
S.D. = 1.0		on 68 of 74 obs.					

* SEP 25, 1985 02h 29m 31.53± 0.57s
13.173 N ±13.4km 144.005 E ±14.6km
DEPTH = 33.0km (normol)
5.2mb (2 obs.)
MARIANA ISLANDS (216)
Felt (III) on Guom.

PJG	0.93	64 iPd	29 48.50	0.2			
GUA	0.95	68 iPd	29 48.00	-0.6			
		eS	29 56.50				
CTA	33.13	176 eP	36 06.00	-0.9			
WB2	34.25	196 eP	36 16.60	-0.1			
WRA	34.26	196 Pd	36 17.20	0.4			
0.8s		12.60nm		4.9mb			
INK	75.07	22 ePd	41 10.80	-0.7			
NEW	86.10	41 eP	42 11.00	0.5			
EDM	86.98	36 iPd	42 15.00	0.3			
EUR	89.30	50 iP	42 26.20	-0.2			
0.2s		4.47nm		5.4mb			
KIC	143.39	300 ePKP	49 03.80	-1.5			
ARE	145.56	100 ePKP	49 10.00	0.7			
ZOBO	148.79	100 PKP	49 16.00	1.1			
1.0s		17.50nm					
LPB	148.81	100 PKPc	49 19.20	4.5X			
1.1s		25.32nm					
CNCB	148.91	101 iPKP	49 20.10	5.0X			
TPZ	150.49	110 ePKP	49 18.00	0.9			
CCH	150.64	102 PKP	49 24.00	6.7X			
S.D. = 0.9		on 13 of 16 obs.					

? SEP 25, 1985 03h 06m 20.22±13.05s
17.061 N ±110.km 101.796 W ±43.7km
DEPTH = 33.0km (normol)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.58	59 iP	07 01.50	0.8			
		iS	07 35.50				
OXM	2.99	42 eP	07 05.50	-1.3			
TPM	3.23	53 eP	07 08.50	-1.4			
UNM	3.36	47 iP	07 16.00	4.1X			
		iS	07 56.00				
TAC	3.40	46 eP	07 13.00	0.5			
		eS	08 02.00				
IIC	3.61	41 eP	07 17.00	1.4			
		i	08 03.00				
LTX	12.34	352 eP	09 16.50	0.0			
INK	55.03	346 eP	15 53.00	2.4X			
S.D. = 1.5		on 6 of 8 obs.					

? SEP 25, 1985 03h 54m 43.89± 4.41s
17.860 N ±43.4km 101.856 W ±21.0km
DEPTH = 33.0km (normol)
3.7mb (2 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.33	77 iP	55 20.50	-0.4			
		iS	55 53.50				
OXM	2.50	55 iP	55 24.50	1.0			
TPM	2.88	67 iP	55 29.00	0.4			
UNM	2.93	60 iP	55 37.00	7.6X			
		iS	56 17.50				
TAC	2.96	58 eP	55 34.00	4.1X			

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IIC     3.11  52 eP     55 39.00    6.9X
LTX    11.54 352 eP     57 42.50   13.0X
JCT    12.70   8 eP     57 52.50    7.5X
ALQ    17.50 347 eP     58 49.00    1.8
       0.9s      3.36nm          3.5mb
BHO    17.60  19 e(P)   58 48.00   -0.2
TUL    18.77  15 e(P)   59 00.70   -1.9
       0.6s      4.30nm          3.8mb
LRM    29.24 345 ePd    00 44.70   -0.5
     S.D. = 1.5  on   7 of  12 obs.

?  SEP  25, 1985  04h 16m 36.37± 8.83s
    2.615 S ±77.3km  145.997 E ±45.6km
   DEPTH =  33.0km  (normal)
   4.1mb (  2 obs.)
 ADMIRALTY ISLANDS REGION          (199)

WEW     2.54 248 eP     17 17.00    0.8
MDG     2.63 185 eP     17 17.00   -0.4
LAT     4.13 166 eP     17 40.00    1.2
PMG     6.85 170 eP     18 17.00   -0.1
CTA    17.37 179 eP     20 45.00    7.0X
       1.0s      9.00nm          3.9mb
MTN    17.88 235 eP     20 45.00    0.6
WB2    20.64 213 iPd    21 14.80   -1.1
WRA    20.65 213 Pc     21 14.90   -1.0
       0.6s      7.60nm          4.2mb
     S.D. = 1.1  on   7 of   8 obs.

?  SEP  25, 1985  04h 50m 10.77± 1.22s
    9.204 S ±17.9km  108.843 W ±24.5km
   DEPTH =  10.0km  (geophysicist)
   4.4mb (  7 obs.)
 NORTHERN EASTER I. CORDILLERA     (694)

LTX    38.64   7 eP     57 40.50    4.2X
       1.0s      1.60nm          3.7mb
ZOBO   40.28 104 P      57 50.00   -0.7
     Z  16s      0.36um          4.3MszX
                eLR     09 05.00
LPB    40.32 105 Pc     57 50.20   -0.7
JCT    40.40  12 eP     57 52.00    1.2
       1.5s     20.83nm          4.6mb
CNCB   40.46 105 iP     57 52.00   -0.2
CCH    42.27 106 P      58 05.90   -0.8
TPZ    43.20 112 P      58 15.20    0.9
ALQ    43.96   3 eP     58 20.00   -0.1
       1.0s      4.25nm          4.2mb
BHO    45.33  16 e(P)   58 29.30   -1.5
VVO    46.00  15 eP     58 38.00    1.9
TUL    46.53  15 eP     58 42.20    1.9
       0.7s     11.60nm          5.0mb
     Z  17s      0.36um          4.4MszX
EUR    48.89 353 iP     58 58.20   -0.8
       0.8s      1.47nm          4.1mb
NEW    57.68 353 eP     00 01.00   -2.8
PNT    59.03 352 eP     00 15.00    1.8
       0.7s      5.00nm          4.8mb
EDM    62.30 357 eP     00 33.50   -1.9
SOB1   66.97  96 e(P)   01 07.00    0.6
INK    79.28 351 eP     02 21.00    3.5X
SPA    80.86 180 eP     02 27.10    0.8
       1.0s      3.00nm          4.3mb
MBC    85.52 357 eP     02 50.00    0.3
     S.D. = 1.4  on  17 of  19 obs.

?  SEP  25, 1985  05h 05m 41.92± 5.12s
   34.424 N ±44.9km   21.796 E ±22.4km
   DEPTH =  10.0km  (geophysicist)
 MEDITERRANEAN SEA                 (400)
     ML 3.6 (ATH).

NPS     3.25  74 ePn     06 39.00    5.1X
               eSn     07 10.50
ATH     3.87  23 ePn     06 42.50   -0.2
               eSn     07 16.00
VLS     3.87 346 iPnd    06 44.50    1.7
KZN     5.87 360 ePn     07 11.20    0.1
OHR     6.72 354 iPg     07 22.10   -1.0
VAY     6.91   5 ePn     07 32.70    7.0X
ELL     7.00  68 iPn     07 27.30    0.1
SKO     7.54 358 ePg     07 29.00   -5.5X
               iSg     07 43.00
VOY    13.06 335 eP     08 49.50   -0.7
               eS      10 55.00
               i       10 58.20
KHC    15.91 340 eP     09 34.00    6.7X
     S.D. = 1.2  on   6 of  10 obs.

*  SEP  25, 1985  05h 24m 30.23± 0.89s
    19.633 S ±11.1km  177.786 W ±11.2km
   DEPTH = 579.5 ± 11.4 km
   4.9mb (  9 obs.)
 FIJI ISLANDS REGION               (181)

VUN     3.90 294 iPd    25 54.90    0.9
AFI     8.09  46 P      26 29.00   -1.5
               S       28 03.00
DZM    14.94 258 iPc    27 38.50    0.3
NOU    14.96 257 iPc    27 38.80    0.5
KOU    16.87 264 iPc    27 58.70    1.9
KRP    19.13 196 P      28 19.00    1.0
GNZ    19.29 190 P      28 19.80    0.3
               eS      31 24.00
MNG    21.70 194 P      28 38.00   -3.6X
               eS      32 11.00
               ScP     35 02.00
WEL    22.50 195 P      28 47.00   -1.7
TCW    22.55 196 eP     28 53.00    3.8X
MSZ    27.66 202 eP     29 34.00   -0.2
CTA    33.78 263 iPd    30 26.20   -0.3
       0.8s     54.10nm          5.2mb
               i       30 45.30
               iS      35 08.30
               iScP    35 42.60
               iScP    39 46.00
PMG    35.36 282 eP     30 39.00   -0.6
       0.7s     95.89nm          5.5mb
LAT    36.54 286 eP     30 50.00    0.7
WB2    44.91 261 iPd    31 54.70   -1.3
               i       32 13.80
               eS      37 50.80
WRA    44.92 261 Pd     31 54.40   -1.7
       0.3s     4.50nm          4.5mb
MTN    49.36 270 iPc    32 28.00   -1.7
KLB    58.60 244 eP     33 33.00   -1.6
SBA    58.74 184 iPc    33 36.50    1.7
       1.0s     38.00nm          4.6mb
BAL    59.59 245 eP     33 40.00   -1.2
SPA    70.49 180 eP     34 49.40    0.8
       1.0s     55.50nm          5.0mb
IPM    83.26 277 ePd    35 57.00   -1.1
       0.8s     35.90nm          5.0mb
PNT    85.83  34 eP     36 11.00    1.1
       0.7s     4.00nm          4.2mb
NNT    87.24 284 eP     36 19.60    2.3
COL    87.36  12 iP     36 16.80    0.0
       0.7s     13.70nm          4.8mb
CHG    90.14 290 iPd    36 32.80    2.2
       0.9s     13.03nm          4.9mb
SOB1  128.78 120 ePKP   42 34.40   -0.3
EKA   144.13   5 PKP    43 01.00   -0.6
       0.7s     5.20nm
CLL   147.26 347 iPKP   43 10.80    4.0X
BRG   147.47 346 ePKP   43 11.50    4.3X
       1.0s     12.00nm
               e       43 15.00
WTS   147.50 355 ePKP   43 11.50    4.3X
PRU   148.16 345 PKP    43 13.40    5.1X
               e       43 18.50
MOX   148.17 349 ePKP   43 13.00    4.7X
ENN   148.79 355 ePKP   43 14.50    5.3X
       0.8s     17.00nm
               e       43 20.50
MEM   148.95 355 PKP    43 15.00    5.6X
KHC   149.19 345 PKPd   43 15.50    5.5X
               i       43 22.50
DOU   149.55 357 PKP    43 16.90    6.5X
WLF   149.87 355 PKP    43 18.40    7.5X
FLN   150.86   4 ePKP   43 28.90   16.5X
CDF   151.00 353 ePKP   43 31.20   18.4X
HAU   151.50 354 ePKP   43 32.10   18.7X
LPF   151.55   5 ePKP   43 32.30   18.9X
BSF   151.63 354 ePKP   43 32.70   19.0X
VOY   151.97 343 ePKP   43 21.50    7.2X
     S.D. = 1.4  on  26 of  44 obs.

   SEP  25, 1985  06h 20m 59.87± 1.15s
   37.934 N ± 7.0km  142.122 E ±10.6km
   DEPTH =  44.3 ±  9.6 km
   4.6mb (  2 obs.)
 OFF EAST COAST OF HONSHU, JAPAN (229)
      Felt (II JMA) at Ishinomaki and
      (I JMA) at Fukushima, Ofunato,
      Miyako and Sendai.

ISN     0.81 307 Pc     21 14.00   -1.0
               iS      21 22.50
SEN     1.02 289 Pd     21 17.20   -0.7
               S       21 28.50
OFU     1.17 344 eP     21 19.00   -1.0
               iS      21 31.70
FKS     1.32 263 P      21 22.10    0.0
               S       21 37.20
MIY     1.71 356 eP     21 26.00   -1.7
               S       21 45.00
MRK     1.91 337 P      21 32.00    1.5
               S       21 50.50
TSK     2.36 224 eP     21 36.70   -0.2
AKI     2.38 319 eP     21 39.00    1.8
               eS      22 06.00
DDR     3.04 231 eP     21 47.20    0.5
               e       22 22.50
KYS     3.16 211 eP     21 52.20    3.8X
SRY     3.26 225 eP     21 49.80    0.0
OYM     3.41 224 eP     21 54.10    2.1X
MAT     3.42 247 eP     21 53.00    0.9
               (S)     22 30.00
SHK     8.35 249 eP     23 03.10    1.9
TIA    20.01 273 P      25 29.80   -1.8
BJI    20.26 284 eP     25 31.00   -3.1X
TIY    23.41 279 eP     26 06.00    0.3
XAN    27.06 272 eP     26 39.30   -0.8
GYA    31.93 259 eP     27 24.00    0.3
CD2    32.24 269 eP     27 25.30   -1.0
WMQ    40.94 296 P      28 39.90    0.2
INK    53.33  27 eP     30 16.00   -0.3
WB2    58.03 189 eP     30 49.00   -1.6
WRA    58.03 189 Pc     30 48.90   -1.7
       0.7s     3.70nm          4.6mb
GBA    61.85 265 Pc     31 28.30   11.3X
       0.5s     5.40nm
NB2    73.58 337 P      32 40.80   11.0X
       1.1s     8.20nm
EUR    74.85  52 iP     32 38.40    0.6
       0.2s     5.02nm          5.1mb X
KHC    82.07 329 eP     33 28.90   12.2X
ALQ    83.58  50 eP     33 25.90    0.9
       1.0s     5.00nm          4.5mb
ZOBO  145.74  59 PKP    40 36.80    0.5
       1.0s     7.50nm
LPB   145.94  60 PKP    40 37.30    0.9
       1.0s    20.00nm
CNCB  146.22  60 PKP    40 38.50    1.5
CCH   147.87  58 ePKP   40 42.00    2.7X
TPZ   150.93  64 ePKP   40 51.00    7.0X
ITR   150.95   1 e(PKP) 40 48.00    4.2X
SOB1  151.27   6 e(PKP) 40 58.00   13.7X
     S.D. = 1.2  on  26 of  36 obs.

?  SEP  25, 1985  06h 32m 22.27± 1.67s
    3.960 S ±17.7km  101.984 E ±30.1km
   DEPTH =  33.0km  (normal)
   4.0mb (  2 obs.)
 SOUTHERN SUMATERA                 (274)

PPI     3.82 335 ePd    33 20.20    0.0
               eS      34 03.00
KGM     6.08  13 ePc    33 52.30    0.0
IPM     8.54 354 ePd    34 26.70    0.1
WRA    35.31 119 P      39 18.00    1.4
       0.3s     0.20nm          3.5mb
WB2    35.32 119 eP     39 15.80   -0.9
CTA    45.98 114 iPd    40 44.00   -0.5
       0.9s     5.46nm          4.5mb
     S.D. = 1.0  on   6 of   6 obs.

?  SEP  25, 1985  07h 02m 50.35± 3.71s
   16.929 N ±38.0km  103.728 W ±16.3km
   DEPTH =  33.0km  (normal)
   3.8mb (  2 obs.)
 OFF COAST OF MICHOACAN, MEXICO  ( 64)

III     4.31  70 eP     03 55.00   -0.5
               iS      04 40.00
OXM     4.51  58 iP     03 52.00   -6.4X
TPM     4.89  65 eP     04 05.00    1.3
UNM     4.94  60 eP     04 03.50   -1.0
               i       04 51.50
TAC     4.96  60 eP     04 04.00   -0.9
               eS      04 51.00
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25d 07h

IIC	5.10	56 eP	04 07.50	0.7	
		i	04 59.50		
JCT	13.96	14 eP	06 09.10	1.0	
	1.1s	6.33nm		4.3mb	
ALQ	18.11	353 eP	07 00.00	-1.2	
	1.0s	2.50nm		3.3mb	
INK	54.73	347 eP	12 19.00	0.5	
S.D. = 1.2 on 8 of 9 obs.					
SEP 25, 1985 07h 06m 45.79± 0.15s					
12.443 N ± 3.2km 44.333 W ± 2.6km					
DEPTH = 10.0km (geophysicist)					
5.3mb (73 obs.) 5.0Msz (4 obs.)					
NORTH ATLANTIC RIDGE				(403)	
MVM	16.24	279 eP	10 35.90	0.1	
CRM	16.28	280 eP	10 36.30	0.0	
BIM	16.41	279 eP	10 38.70	0.8	
FDF	16.51	280 eP	10 39.14	0.0	
ATB	17.48	207 Pc	10 51.00	-0.4	
CAI	20.16	159 eP	11 22.40	-0.8	
SJG	21.78	288 e(P)	11 38.00	-1.9	
SOB1	21.78	171 eP	11 38.70	-1.2	
		e	11 42.20		
		e	11 47.70		
		e	11 51.20		
		e	12 02.70		
		e	13 22.80		
		e	13 52.10		
ITR	21.87	164 eP	11 39.90	-0.9	
		e	11 42.80		
		e	11 47.50		
		e	11 50.80		
CAR	22.23	267 eP	11 48.60	4.1X	
SDV	26.08	265 eP	12 21.60	-0.2	
BAO	28.13	187 Pd	12 40.20	-0.2	
BOG	30.39	258 eP	13 06.00	5.1X	
UPA	34.74	268 ePd	13 40.00	1.5	
	1.5s	83.33nm		5.4mb	
VAO	35.32	184 eP	13 43.60	0.2	
CCH	36.64	216 P	13 54.80	-0.1	
ZOBO	36.98	220 Pd	13 58.60	0.6	
	1.2s	60.81nm		5.2mb	
Z	20s	1.28um		4.7Msz	
		LR	24 40.00		
LPB	37.16	220 Pd	14 00.70	1.3	
	1.4s	186.05nm		5.7mb	
Z	24s	0.78um		4.4MszX	
		LR	26 20.00		
CNCB	37.30	219 iP	14 02.00	1.3	
MNME	39.12	334 eP	14 15.50	0.5	
ARE	39.32	224 eP	14 16.00	-1.4	
KIC	39.49	95 eP	14 18.40	-0.2	
	1.3s	112.00nm		5.4mb	
AVE	39.55	52 iPc	14 36.00	17.2X	
TPZ	39.70	212 Pc	14 22.10	1.5	
PRM	40.71	308 eP	14 29.00	0.6	
MNT	41.29	329 eP	14 34.00	1.1	
SLA	42.33	209 ePc	14 40.60	-1.2	
RSCP	43.73	309 eP	14 53.80	0.7	
	1.0s	24.00nm		5.0mb	
SCH	45.81	342 eP	15 10.00	0.6	
LGR	46.95	42 iPd	15 21.00	2.3X	
VAL	48.01	28 iP	15 27.00	0.2	
FVM	48.20	310 eP	15 28.00	-0.6	
	0.8s	18.94nm		5.2mb	
EBR	48.30	46 eP	15 31.00	1.8	
EPF	49.09	43 iPc	15 36.50	1.2	
	1.6s	124.30nm		5.7mb	
MLS	49.55	43 iPc	15 40.00	1.1	
ECB	49.91	29 iPc	15 41.30	-0.1	
ECP	49.99	30 iPc	15 41.90	-0.1	
	0.8s	50.00nm		5.5mb	
LFF	50.16	41 iPc	15 44.00	0.5	
	1.0s	19.20nm		5.0mb	
LPO	50.34	41 iPc	15 45.30	0.4	
	1.2s	67.80nm		5.5mb	
MFF	50.36	39 iPc	15 45.60	0.6	
	1.2s	77.30nm		5.5mb	
ETA	50.39	29 iPc	15 45.10	0.0	
	0.8s	130.00nm		5.9mb	
LPF	50.51	37 iPc	15 46.80	0.7	
	1.1s	91.10nm		5.6mb	
BHO	50.67	304 eP	15 47.70	0.2	
GRR	50.80	36 iPc	15 48.80	0.5	
	1.2s	42.30nm		5.3mb	
RJF	50.81	41 iPc	15 48.60	0.1	
	1.0s	28.00nm		5.2mb	
CAF	51.01	41 iPc	15 50.20	0.2	
	1.0s	46.00nm		5.4mb	
FLN	51.20	36 eP	15 51.70	0.4	
	1.1s	32.60nm		5.2mb	
LSF	51.23	40 iPc	15 52.10	0.5	
	1.2s	60.60nm		5.4mb	
LDF	51.32	36 eP	15 52.60	0.3	
	1.1s	31.20nm		5.2mb	
VVO	51.58	305 iPd	15 54.30	-0.1	
TCF	51.67	40 iPc	15 55.60	0.6	
	1.5s	108.30nm		5.6mb	
TUL	51.75	306 iPd	15 55.30	-0.4	
	0.9s	44.60nm		5.4mb	
MZF	51.88	40 iPc	15 56.80	0.2	
	1.6s	89.50nm		5.4mb	
BGF	52.19	40 iPc	15 59.20	0.3	
	1.0s	48.00nm		5.4mb	
AVF	52.60	40 iPc	16 02.20	0.2	
	1.3s	56.40nm		5.3mb	
SSF	52.81	40 iPc	16 03.40	-0.1	
	1.1s	26.80nm		5.1mb	
SMF	52.85	40 iPc	16 04.20	0.4	
	1.1s	32.70nm		5.2mb	
CDR	52.99	44 ePc	16 04.80	-0.1	
LBF	53.07	40 iPc	16 05.50	0.0	
	1.1s	25.80nm		5.1mb	
LOR	53.11	39 iPc	16 05.60	-0.2	
	1.2s	42.80nm		5.3mb	
LRG	53.32	45 eP	16 08.00	0.7	
	0.8s	17.10nm		5.1mb	
LMR	53.38	45 eP	16 07.90	0.1	
	1.0s	25.60nm		5.1mb	
EAB	53.42	27 ePc	16 07.00	-0.9	
EKA	53.43	28 Pc	16 06.90	-1.0	
	1.2s	36.20nm		5.2mb	
FRF	53.55	45 eP	16 09.20	0.2	
	1.0s	34.70nm		5.3mb	
EBL	53.75	28 iPc	16 09.70	-0.6	
	1.0s	47.00nm		5.4mb	
EBH	53.83	27 ePc	16 09.80	-1.0	
	1.0s	26.00nm		5.2mb	
JCT	54.12	299 iP	16 12.10	-1.4	
	1.0s	22.50nm		5.2mb	
LPG	54.28	42 eP	16 14.70	-0.1	
	1.1s	21.90nm		5.1mb	
EMS	54.60	42 eP+	16 17.30	0.3	
DOU	54.75	36 P	16 16.90	-0.9	
CVF	54.79	46 eP	16 17.90	-0.3	
	1.0s	36.50nm		5.4mb	
DIX	54.92	42 eP+	16 20.30	0.9	
UCC	54.93	36 Pc	16 19.00	0.0	
HAU	54.95	39 eP	16 19.00	-0.3	
	1.0s	25.60nm		5.2mb	
BSF	55.16	40 eP	16 20.40	-0.6	
	1.1s	40.60nm		5.4mb	
MMK	55.27	42 eP+	16 22.70	0.7	
WLF	55.49	37 Pc	16 22.80	-0.3	
CDF	55.68	39 eP	16 24.20	-0.5	
	1.5s	41.70nm		5.2mb	
MEM	55.79	36 Pc	16 25.10	-0.1	
ENN	55.81	36 iPc	16 25.00	-0.4	
	1.2s	43.00nm		5.4mb	
TMA	55.89	42 eP+	16 25.80	-0.5	
ZUL	56.04	41 eP+	16 27.30	0.1	
AKU	56.10	13 iPc	16 27.80	0.5	
	1.1s	35.44nm		5.3mb	
LLS	56.22	41 eP+	16 28.70	0.0	
SAX	56.57	41 eP+	16 31.10	-0.2	
WTS	56.83	35 ePc	16 32.50	-0.2	
	0.9s	28.00nm		5.3mb	
OSS	56.91	42 eP+	16 33.20	-0.4	
LTX	57.36	297 eP	16 35.00	-2.0	
	2.0s	31.43nm		5.0mb	
OGA	57.54	42 iPc	16 37.50	-0.6	
	1.2s	16.00nm		4.9mb	
GRF	58.56	39 ePc	16 44.60	-0.4	
TRI	59.04	44 eP	16 48.20	-0.1	
MOX	59.12	38 ePc	16 48.00	-0.8	
	1.3s	58.00nm		5.5mb	
KBA	59.12	42 iPc	16 48.20	-0.9	
	1.0s	33.80nm		5.4mb	
		i	17 31.80		
HOF	59.16	38 iPc	16 49.00	-0.2	
VOY	59.21	44 ePc	16 49.10	-0.5	
WET	59.42	40 iPc	16 49.90	-1.0	
	1.4s	33.00nm		5.3mb	
CEY	59.50	44 eP	16 51.60	-0.5	
LJU	59.64	44 eP	16 52.00	-0.5	
RSSD	59.77	314 eP	16 54.00	0.3	
	1.0s	10.00nm		4.9mb	
GLD	59.82	309 eP	16 54.20	0.1	
	1.0s	18.00nm		5.2mb	
KHC	59.85	40 iPc	16 53.50	-0.4	
	1.0s	35.50nm		5.5mb	
GOL	59.93	309 eP	16 54.10	-0.8	
	1.1s	7.69nm		4.7mb	
CLL	60.16	38 iPc	16 55.60	-0.3	
	1.3s	42.00nm		5.4mb	
ALQ	60.18	303 eP	16 55.30	-1.4	
Z	18s	0.86um		4.9Msz	
BRG	60.59	38 ePd	16 59.00	0.1	
	1.1s	31.00nm		5.3mb	
PRU	60.70	39 P	16 59.30	-0.3	
	1.6s	30.00nm		5.2mb	
SOP	61.39	42 eP	17 03.50	-0.9	
	1.2s	58.10nm		5.6mb	
ZST	61.86	42 eP	17 07.00	-0.6	
SRO	62.57	42 iP	17 10.60	-1.7	
BNG	62.59	91 iPc	17 12.70	-0.3	
	0.7s	29.00nm		5.6mb	
		i	17 17.90		
NB2	62.87	27 P	17 13.80	-0.3	
	1.3s	31.70nm		5.3mb	
OHR	63.22	50 eP	17 17.30	0.5	
BDW	63.50	312 eP	17 17.80	-1.1	
	1.2s	15.94nm		5.1mb	
HFS	63.63	28 ePc	17 18.40	-0.6	
	0.6s	32.60nm		5.7mb	
SKO	63.80	49 iP	17 20.00	-0.5	
Z	18s	1.10um		5.1Msz	
N	17s	0.80um			
E	17s	0.90um			
KRA	64.09	40 iPc	17 22.80	0.5	
	1.0s	60.00nm		5.7mb	
		i	17 27.80		
VAY	64.57	50 iP	17 25.30	-0.2	
CLO	65.16	46 eP	17 30.00	0.6	
VTS	65.17	49 eP	17 31.00	1.6	
SES	65.69	320 iPd	17 16.40	-16.3X	
	1.4s	134.00nm			
DAG	65.71	6 iPd	17 31.60	-0.7	
	0.8s	15.67nm		5.3mb	
COZ	66.28	46 eP	17 38.00	1.3	
KDZ	66.68	50 iPc	17 39.00	-0.1	
GLA	67.04	301 eP	17 43.00	1.4	
MLR	67.42	46 iPc	17 44.00	0.1	
EDM	67.58	323 ePc	17 43.50	-1.2	
VRI	67.99	45 ePd	17 47.00	-0.4	
EUR	68.05	308 iP	17 47.80	-0.4	
	0.9s	3.31nm		4.5mb	
GSC	68.67	303 eP	17 52.00	0.1	
PLM	68.74	301 eP	17 53.00	0.5	
NUR	68.94	30 iP	17 52.60	-0.3	
	0.6s	14.30nm		5.3mb	
Z	19s	3.20um		5.6Msz	
BMN	69.04	309 iP	17 54.10	-0.1	
RVR	69.15	302 eP	17 54.00	-0.8	
CLC	69.31	304 eP	17 56.00	0.2	
NEW	69.36	317 eP	17 55.00	-0.8	
SBB	69.51	302 eP	17 57.00	0.0	
MWC	69.72	302 eP	17 59.00	0.6	
SUF	70.10	28 iP	17 59.80	-0.1	
	0.6s	2.20nm		4.5mb	
ALE	70.47	358 eP	18 00.50	-1.5	
	1.2s	49.00nm		5.5mb	
PNT	71.08	318 iPd	18 06.20	0.0	
	1.1s	26.00nm		5.3mb	
KJF	71.08	26 iP	18 06.10	0.2	
	0.8s	14.70nm		5.2mb	
SOD	71.29	23 iP	18 06.80	-0.3	
JAS1	71.53	306 e(P)	18 11.00	1.8	
	1.0s	0.70nm		3.7mb X	
ARN	72.44	305 eP	18 16.50	1.9	
MBC	74.44	346 iPc	18 26.40	0.9	
	0.7s	17.00nm		5.2mb	
ADI	74.64	59 iP	18 20.00	-7.5X	
PRNI	74.69	62 iP	18 29.00	1.1	
JER	74.73	60 iP	18 29.50	1.4	
INK	78.24	338 ePc	18 46.00	-0.9	
KRI	78.63	110 iPd	18 51.00	0.8	
BUL	78.70	114 iPd	18 51.20	0.6	
	0.9s	4.62nm		4.5mb	
COL	84.45	335 iP	19 20.30	0.6	

0.9s 18.91nm 5.3mb
FBA 84.45 335 eP 19 22.00 2.3
1.2s 33.20nm 5.4mb
PMS 86.37 332 eP 19 28.30 -1.1
1.2s 39.10nm 5.5mb
CVP 147.07 25 ePKP 26 31.00 1.8
NOU 149.08 247 IPKPc 26 37.10 4.7X
DZM 149.14 248 IPKPc 26 37.70 5.1X
KOU 151.44 250 IPKPc 26 42.00 6.1X
S.D. = 0.8 on 150 of 159 obs.

* SEP 25, 1985 07h 29m 44.22± 0.81s
4.386 S ±13.6km 144.816 E ±13.6km
DEPTH = 10.0km (geophysicist)
3.7mb (1 obs.)
NEAR N COAST OF PAPUA NEW GUINEA(200)

MDG 1.29 132 IPd 30 06.00 -2.1
WEW 1.45 305 eP 30 10.00 -0.4
LAT 3.13 136 eP 30 36.00 1.5
PMG 5.50 155 eP 31 08.50 0.2
CTA 15.67 175 IPd 33 32.10 5.3X
WB2 18.52 213 eP 34 03.20 0.4
eS 38 18.80
WRA 18.53 213 Pc 34 05.10 2.3X
0.7s 4.20nm 3.7mb
KKN 65.63 303 eP 40 30.60 -0.7
0.8s 12.00nm 5.1mb X
DMN 65.71 303 eP 40 31.60 -0.3
0.7s 9.00nm 5.1mb X
COL 84.56 23 eP 42 20.00 1.4
S.D. = 1.4 on 8 of 10 obs.

SEP 25, 1985 07h 43m 57.06± 1.98s
18.208 N ± 5.8km 102.740 W ± 4.4km
DEPTH = 29.9 ± 13.3 km
5.3mb (55 obs.) 5.2Msz (9 obs.)
MICHOACAN, MEXICO (57)
Ms 5.2 (BRK), 5.0 (PAS). Two weakened buildings collapsed at Ciudad Guzmon. Felt at Mexico City.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 26C
Centroid Location:
Origin Time 07:44: 1.4 0.5
Lat 17.93N 0.06 Lon 102.92W 0.06
Dep 22.9 2.3 Half-duration 2.6
Moment Tensor; Scale 10**24 D-CM
Mrr= 3.00 0.14 Mtt=-2.72 0.13
Mff=-0.28 0.18 Mrt= 2.69 0.40
Mrf=-1.07 0.25 Mtf= 1.22 0.16
Principal Axes:
T Val= 4.14 Plg=69 Azm= 21
N 0.22 0 112
P -4.36 21 202
Best Double Couple:Mo=4.3*10**24
NP1:Strike=293 Dip=24 Slip= 91
NP2: 112 66 90

III 3.11 86 iP 44 52.00 6.5X
iS 45 26.00
TAC 3.56 70 eP 44 56.00 4.0X
eS 45 41.00
PBJ 7.22 103 iP 45 45.00 1.7
LTX 11.11 356 iP 46 40.00 2.9X
1.8s 473.68nm 6.4mb X
Z 20s 0.64um
JCT 12.51 12 eP 46 57.10 1.2
1.5s 722.22nm 6.6mb X
ALQ 16.99 349 ePc 47 56.20 1.8
1.5s 131.94nm 4.8mb
BHO 17.57 22 iPc 48 03.20 1.8
OCO 17.87 14 eP 48 06.40 1.3
VVO 18.16 19 iPc 48 09.00 0.3
GLA 18.34 326 eP 48 11.00 0.0
e 53 45.00
TUL 18.68 13 iPc+ 48 14.90 -0.1
1.2s 322.50nm 5.4mb
Z 21s 20.20um 4.4MszX
iS 51 48.00
BAR 19.10 322 eP 48 20.00 -0.2
PLM 19.69 323 eP 48 27.00 -0.2
e 54 32.00
OLY 19.92 28 P 48 27.80 -1.5
GCM 20.26 84 P 48 33.80 0.9

RVR 20.45 323 eP 48 34.00 -0.9
POW 20.59 27 P 48 34.80 -1.4
SDW 20.74 325 P 48 38.20 0.3
MWC 21.01 322 iP+ 48 41.00 0.2
PAS 21.02 322 iP+ 48 40.00 -0.7
eLg 52 48.00
eLR 54 09.00
GSC 21.11 327 iP+ 48 42.00 0.3
e 55 11.00
PWLA 21.20 35 P 48 41.40 -1.1
SBB 21.21 324 iP+ 48 42.00 -0.7
e 55 42.00
GOL 21.54 354 eP 48 46.00 -0.2
1.2s 26.23nm 4.5mb
GLD 21.57 355 eP 48 46.20 -0.3
1.5s 131.25nm 5.1mb
MSU 21.84 340 P 48 49.60 0.4
CLC 21.92 326 iP+ 48 50.00 0.1
e 55 37.00
VPEM 22.14 326 P 48 52.40 0.3
SYP 22.36 320 eP 48 54.00 -0.3
WKTM 22.36 325 P 48 54.60 0.6
ELC 22.41 29 P 48 53.60 -0.9
FVM 22.46 26 iP 48 54.10 -0.9
1.0s 70.00nm 5.1mb
RSCP 23.05 38 iP 49 00.10 -0.8
0.6s 31.02nm 5.0mb
DAU 23.31 343 P 49 04.40 0.6
PRI 23.87 322 iPc 49 10.40 1.4
e 51 31.00
FRI 23.93 325 iPc 49 09.90 0.5
EUR 24.10 334 iP 49 12.50 1.1
PRM 24.10 45 eP 49 10.10 -1.1
MNA 24.23 329 iPc 49 14.20 1.7
e 50 23.50
e 51 38.00
e 57 16.00
UPA 24.32 109 eP+ 49 15.00 1.6
1.2s 68.75nm 5.1mb
Z 19s 3.68um 4.9Msz
N 20s 3.05um
E 20s 1.42um
pP 49 33.00 80kmX
S 53 46.00
LR 57 00.00
LLA 24.36 322 eP 49 14.10 0.4
PRS 24.42 321 ePc 49 15.00 0.8
SAO 24.76 322 e(P) 49 17.60 0.1
JAS1 25.00 325 iPc 49 20.20 0.4
e 56 33.00
BDW 25.17 348 eP 49 20.20 -1.4
1.0s 15.00nm 4.6mb
ARN 25.21 323 iP 49 22.30 0.5
GCC 25.26 322 e(P) 49 22.50 0.3
MHC 25.27 323 ePc 49 23.20 0.7
BMN 25.42 334 iP 49 24.80 0.9
WCN 25.69 328 P 49 28.10 1.6
RSSD 25.86 358 eP 49 28.20 0.2
2.0s 70.75nm 4.9mb
BKS 25.98 323 ePc 49 29.60 0.7
1.3s 62.00nm 5.1mb
Z 20s 6.00um 5.1Msz
N 20s 4.50um
E 20s 7.00um
ePP 50 22.00
e 50 40.00
e 52 00.00
eS 54 04.80
eLQ 56 00.00
eLR 57 12.00
BRK 25.99 323 e(P) 49 29.70 0.7
ORV 26.77 326 iPc 49 36.90 0.7
BLA 27.25 41 eP 49 38.80 -1.8
MIN 27.41 328 ePc 49 42.20 0.0
GAS 27.49 325 P 49 43.80 0.9
WDC 28.06 327 iPc 49 46.20 -1.7
LRM 28.69 346 eP 49 53.00 -0.9
CHN 29.59 113 eP 50 09.00 6.9X
BOG 31.11 112 eP 50 28.50 12.7X
LHC 32.06 17 eP 50 21.00 -2.4
NEW 32.19 342 eP 50 22.00 -2.5
e 53 11.00
SDV 32.51 102 eP 50 28.90 1.1
LON 32.51 335 P 50 26.80 -0.6
SES 32.79 350 eP 50 28.50 -1.3
RSON 33.36 10 iP 50 32.60 -2.1
1.0s 32.00nm 5.2mb

GMW 33.55 335 P 50 34.90 -1.5
PNT 33.89 340 ePc 50 39.00 -0.3
MCW 34.49 336 P 50 44.50 0.0
PGC 34.71 336 eP 50 46.00 -0.2
SJG 34.73 84 e(P) 50 46.00 -0.9
OTT 35.21 34 eP 50 49.00 -1.6
RSNY 35.31 36 eP 50 49.30 -2.2
1.0s 13.00nm 4.8mb
Z 20s 1.98um 4.9Msz
EDM 35.91 349 eP 50 55.40 -1.1
MNT 36.41 35 IP 50 59.30 -1.4
FFC 36.45 1 iPc 50 59.50 -1.5
1.5s 115.00nm 5.5mb
PHC 37.92 334 eP 51 15.00 1.7
YKC 44.98 352 ePc 52 09.20 -1.9
0.5s 10.00nm 5.0mb
RSNT 45.00 352 P 52 10.10 -1.1
1.1s 20.35nm 4.9mb
SCH 45.68 28 eP 52 16.00 -0.9
ZOBO 48.33 133 IP 52 38.00 -0.8
Z 18s 2.75um 5.3Msz
IS 59 44.00
eLR 07 38.00
LPB 48.53 133 Pc 52 39.30 -0.8
0.9s 42.02nm 5.5mb
Z 19s 2.08um 5.1Msz
i 52 45.40
S 59 40.00
LR 99 05.00
CNCB 48.80 133 IP 52 42.20 -0.2
STJ 50.04 43 eP 52 50.00 -0.9
CCH 50.47 132 P 52 53.30 -1.6
ANT 52.26 142 eP 53 13.50 5.5X
TOA 53.22 336 eP 53 15.70 0.9
TPZ 53.56 136 P 53 18.50 0.4
INK 53.71 346 IPc 53 17.10 -1.0
0.8s 39.00nm 5.5mb
PME 54.08 335 eP 53 20.90 -0.1
1.3s 99.10nm 5.7mb
PMR 54.11 335 P 53 21.10 0.0
1.0s 42.50nm 5.4mb
ATB 54.14 108 Pc 53 21.00 -1.1
COL 55.44 338 iPc 53 30.00 -0.9
1.3s 91.35nm 5.6mb
FBA 55.44 338 eP 53 30.20 -0.7
1.2s 66.40nm 5.5mb
SLA 56.02 138 ePc 53 34.00 -1.7
TTA 57.57 334 P 53 45.00 -1.2
1.2s 87.12nm 5.7mb
IMA 58.14 338 eP 53 48.80 -1.4
MBC 58.70 355 IPc 53 53.20 -0.6
0.8s 22.00nm 5.3mb
GDH 59.24 18 iP- 54 02.00 4.4X
e 57 40.00
e 02 22.00
e 06 45.00
BAO 63.55 119 Pc 54 26.50 -1.1
ALE 66.24 5 eP 54 42.00 -1.9
1.2s 31.00nm 5.3mb
SOB1 66.83 109 eP 54 47.60 -1.1
VAO 68.16 125 eP 54 55.90 -1.1
ITR 68.89 107 eP 55 01.30 -0.3
DAG 71.02 14 iPc 55 11.80 -1.8
0.8s 6.72nm 4.8mb
AKU 71.37 26 eP 55 29.40 13.6X
1.0s 20.00nm
EAB 79.64 34 ePc 56 03.60 0.6
1.1s 46.00nm 5.4mb
EBH 80.06 34 ePc 56 06.40 1.1
0.9s 31.00nm 5.3mb
EAU 80.22 34 iPc 56 06.90 0.8
ESK 80.51 35 eP 56 08.50 0.8
EKA 80.53 35 Pd 56 09.20 1.4
1.2s 52.50nm 5.4mb
ESY 80.64 34 iPc 56 09.70 1.3
1.0s 55.00nm 5.5mb
GRR 84.20 41 i(P)c 56 28.80 1.9
1.6s 167.40nm 6.0mb
LPF 84.21 41 e(P) 56 28.60 1.6
1.7s 203.60nm 6.0mb
FLN 84.30 41 i(P)c 56 29.40 2.0
1.0s 66.60nm 5.8mb
LDF 84.58 41 i(P)c 56 30.70 1.9
1.8s 189.80nm 6.0mb
KONO 85.18 28 eP 56 32.80 1.3
LGR 85.19 47 iPc 56 34.50 2.5X
NB2 85.21 27 P 56 32.70 0.9

25d 07h

	0.9s	8.80nm		5.0mb		
MFF	85.29	42 i(P)c	56	34.10	1.7	
	1.7s	108.80nm		5.8mb		
IFR	86.25	56 iPc	56	39.00	1.3	
DBN	86.33	36 eP	56	39.00	1.6	
Z	22s	1.00um		5.2Msz		
		ePP	00	08.00		
		eS	07	16.00		
UCC	86.41	37 P	56	41.00	3.2X	
LFF	86.49	44 e(P)	56	39.30	0.9	
	1.0s	11.50nm		5.1mb		
LSF	86.50	42 i(P)c	56	39.60	1.2	
	1.4s	24.20nm		5.2mb		
DOU	86.84	38 P+	56	41.00	1.0	
		S	07	15.00		
RJF	86.86	43 e(P)	56	40.70	0.5	
	1.0s	20.00nm		5.3mb		
LPO	86.88	44 e(P)	56	40.90	0.6	
	1.0s	16.00nm		5.2mb		
TCF	86.92	42 i(P)c	56	40.80	0.3	
	1.0s	9.20nm		5.0mb		
EPF	86.94	46 e(P)	56	41.40	0.7	
	0.8s	12.60nm		5.2mb		
SOD	86.96	37 iP	56	39.80	-0.5	
MZF	87.19	42 e(P)	56	42.00	0.2	
	1.2s	15.40nm		5.1mb		
BGF	87.22	42 e(P)	56	42.20	0.3	
	1.0s	12.30nm		5.1mb		
WTS	87.28	36 eP	56	43.00	1.0	
ENN	87.32	37 eP	56	42.50	0.2	
	1.0s	10.00nm		5.0mb		
CAF	87.36	43 e(P)	56	42.80	0.1	
	1.0s	4.80nm		4.7mb		
SSF	87.43	41 i(P)c	56	43.00	0.1	
	1.4s	23.50nm		5.3mb		
MEM	87.44	37 P	56	43.20	0.4	
MLS	87.47	46 iPc	56	43.70	0.5	
LOR	87.56	41 i(P)c	56	43.80	0.2	
	1.4s	27.80nm		5.3mb		
LBF	87.76	41 i(P)c	56	44.40	-0.1	
	1.4s	12.50nm		5.0mb		
WLF	87.93	38 P	56	46.00	0.8	
UPP	88.53	26 eP	56	46.00	-1.9	
MAU	88.78	39 e(P)	56	49.80	0.4	
BSF	89.12	39 e(P)	56	51.10	0.0	
SUF	89.96	21 iP	56	54.30	-0.4	
	1.0s	21.80nm		5.4mb		
CDR	90.30	43 ePc	56	56.80	0.2	
MOX	90.58	35 ePc	56	58.00	0.3	
	2.0s	59.00nm		5.5mb		
Z	16s	1.20um		5.4MszX		
N	16s	0.60um				
E	20s	0.70um				
		e	57	00.00		
		eSKS	07	40.00		
		ePS	09	05.00		
		eSS	14	00.00		
LRG	90.78	43 e(P)	56	58.10	-0.7	
GRF	90.83	36 eP	57	00.50	1.6	
Z	22s	0.90um		5.2Msz		
NUR	90.90	23 eP	56	52.00	-7.0X	
Z	19s	3.10um		5.8Msz		
		eSKS	07	36.00		
		ePS	09	16.00		
		LR	38	50.00		
FRF	90.92	43 e(P)	56	58.30	-1.2	
LMR	90.93	44 e(P)	56	58.40	-1.1	
CLL	91.00	34 iPd	57	00.70	1.1	
	2.2s	64.00nm		5.6mb		
BRG	91.73	34 eP	57	03.80	0.8	
	2.0s	60.00nm		5.7mb		
WET	92.04	36 iPc	57	05.70	1.1	
	2.0s	89.00nm		5.8mb		
KHC	92.44	36 P	57	07.00	0.6	
Z	16s	0.50um		5.1MszX		
N	16s	0.40um				
E	16s	0.50um				
PRU	92.52	35 Pc	57	07.40	0.7	
	2.2s	72.80nm		5.7mb		
Z	22s	1.30um		5.3Msz		
N	20s	0.50um				
E	21s	0.90um				
KSP	93.00	34 eP	57	09.50	0.6	
KBA	93.38	38 iPc	57	11.30	0.4	
	2.5s	60.60nm		5.6mb		
VOY	94.25	39 eP	57	15.00	0.2	
TRI	94.34	39 e(P)	57	11.50	-3.6X	

		i(PP)	01	00.00		
		i(SKS)	07	55.00		
		i(S)	08	40.00		
		i(PS)	09	54.00		
		e(SS)	14	48.00		
		e(SSS)	19	06.00		
SOP	94.90	36 eP	57	18.50	0.8	
ZST	94.91	36 eP	57	18.40	0.7	
KRA	95.36	33 eP	57	18.80	-0.9	
Z	16s	2.20um		5.7MszX		
N	16s	1.40um				
		e	57	29.80		
KIC	95.58	81 eP	57	21.10	-0.3	
SRO	95.80	35 iP	57	23.40	1.6	
SPC	96.04	34 eP	57	24.30	1.2	
PSZ	96.60	35 iP	57	27.00	1.4	
OHR	101.15	40 ePdiff	57	40.00	-6.1X	
SBA	107.78	193 e(PKP)	02	40.20	18.0X	
WB2	126.24	258 ePKP	02	57.50	-1.7	
WRA	126.25	258 PKPc	02	57.60	-1.6	
	0.8s	2.70nm				
KMI	130.29	329 ePKP	03	07.00	-0.1	
QUE	130.87	12 ePKP	03	08.00	0.0	
NDI	133.39	0 ePKP	03	12.00	-0.5	
CHG	137.49	329 ePKP	03	20.50	-0.1	
POO	143.34	5 IPKPd	03	27.00	-4.1X	
HYB	144.58	358 ePKPc	03	31.00	-2.2	
	1.2s	151.50nm				
SNG	145.83	316 ePKP	03	36.00	0.6	
KGM	147.41	305 ePKPd	03	41.20	3.2X	
IPM	147.41	312 ePKPc	03	38.30	0.3	
	0.9s	29.20nm				
		e	03	57.00		
GBA	148.39	360 PKP	03	39.30	-0.1	
PPI	151.23	305 ePKP	03	48.50	4.7X	
KOD	151.74	360 ePKP	03	51.00	6.0X	
S.D. = 1.1		on 168 of 186 obs.				
• SEP 25, 1985 08h 11m 56.32± 0.77s						
39.416 N ±10.1km		75.690 E ±12.9km				
DEPTH = 10.0km (geophysicist)						
4.3mb (5 obs.)						
SOUTHERN XINJIANG, CHINA (321)						
NDI	10.78	173 eP	14	34.50	0.8	
		eS	16	33.50		
QUE	11.67	221 eP	14	46.00	-0.1	
		eS	16	51.00		
KKN	14.07	143 eP	15	17.20	-0.9	
	0.5s	8.00nm		4.7mb		
DMN	14.14	144 eP	15	18.80	-0.3	
	0.5s	6.00nm		4.6mb		
PKI	14.32	143 eP	15	20.30	-1.1	
	0.7s	8.00nm		4.5mb		
NB2	44.37	321 P	20	07.20	-1.0	
	0.6s	0.90nm		3.8mb		
MBC	64.22	4 eP	22	33.00	0.0	
WRA	80.52	125 Pd	24	11.40	1.2	
	0.3s	0.20nm		3.6mb		
WB2	80.53	125 eP	24	11.70	1.4	
S.D. = 1.1		on 9 of 9 obs.				
SEP 25, 1985 09h 38m 01.95± 1.38s						
16.083 S ±12.9km		174.914 W ±10.0km				
DEPTH = 329.3 ± 14.1 km						
4.3mb (3 obs.)						
TONGA ISLANDS (173)						
AFI	3.72	55 P	39	02.00	-5.4X	
		S	39	47.00		
VUN	6.62	252 eP	39	39.70	-0.3	
DZM	18.59	248 iPc	41	58.00	0.3	
NOU	18.65	248 iPc	41	59.00	0.8	
KOU	20.24	254 iPc	42	14.20	0.4	
CTA	37.07	258 iPd	44	44.00	0.7	
	0.8s	4.85nm		3.9mb		
WB2	48.26	257 iPc	46	11.80	-0.9	
WRA	48.27	257 Pc	46	11.90	-0.9	
	0.7s	15.70nm		4.4mb		
MTN	52.23	266 iPd	46	42.20	-0.3	
SBA	62.46	184 eP	47	52.00	-0.6	
MWC	73.66	46 eP	49	02.00	-0.1	
SPA	74.02	180 e(P)	49	04.00	0.4	
PLM	74.03	48 eP	49	04.00	-0.2	
SBB	74.07	46 eP	49	04.00	-0.3	
GSC	75.11	46 eP	49	10.00	-0.2	
GLA	75.33	49 eP	49	12.00	0.6	

PNT	81.37	33 eP	49	44.00	0.5	
ALQ	82.35	50 eP	49	49.20	0.1	
	1.0s	8.75nm		4.5mb		
COL	83.34	11 eP	49	53.00	-0.2	
S.D. = 0.6		on 18 of 19 obs.				
SEP 25, 1985 10h 37m 44.46± 0.20s						
12.523 N ± 4.4km		44.320 W ± 4.3km				
DEPTH = 10.0km (geophysicist)						
5.0mb (25 obs.) 4.8Msz (2 obs.)						
NORTH ATLANTIC RIDGE (403)						
SJG	21.77	288 eP	42	40.00	1.6	
SOB1	21.86	171 eP	42	38.40	-0.9	
		e	42	41.20		
ITR	21.94	164 iPd	42	39.70	-0.5	
		e	42	45.70		
		e	42	49.00		
SDV	26.10	265 eP	43	20.60	0.0	
BAO	28.21	187 iPd	43	38.60	-1.2	
CCH	36.71	216 P	44	55.30	1.2	
ZOBO	37.05	220 iPc	44	58.00	0.7	
	1.4s	78.27nm		5.3mb		
Z	20s	1.43um		4.8Msz		
		LR	56	00.00		
LPB	37.23	220 iPd	45	00.20	1.6	
	1.2s	68.75nm		5.3mb		
Z	25s	0.80um		4.4MszX		
		LR	56	00.00		
CNCB	37.37	219 P	44	58.50	-1.5	
TPZ	39.78	212 P	45	21.10	1.2	
IFR	41.35	53 iP	45	34.00	1.5	
SLA	42.40	209 ePc	45	39.80	-1.3	
VCA	47.07	209 ePc	46	18.10	-0.5	
EPF	49.02	43 eP	46	34.90	1.4	
	2.0s	39.60nm		5.1mb		
LFF	50.09	41 eP	46	42.00	0.4	
LPO	50.27	41 eP	46	43.50	0.5	
MFF	50.29	39 eP	46	43.60	0.5	
	1.5s	20.80nm		4.9mb		
LPF	50.44	37 eP	46	44.90	0.7	
BHO	50.63	304 e(P)	46	45.50	-0.4	
GRR	50.72	36 eP	46	46.80	0.4	
RJF	50.74	41 eP	46	46.50	-0.1	
CAF	50.94	41 eP	46	48.20	0.1	
	1.6s	18.60nm		4.8mb		
FLN	51.13	36 eP	46	49.60	0.2	
LSF	51.16	40 eP	46	50.10	0.3	
	1.5s	19.30nm		4.8mb		
LDF	51.25	36 eP	46	50.50	0.1	
TCF	51.60	40 eP	46	53.60	0.4	
	1.6s	19.50nm		4.8mb		
TUL	51.71	306 eP	46	53.50	-0.6	
	1.3s	24.20nm		5.0mb		
MZF	51.81	40 eP	46	54.90	0.2	
	1.7s	24.00nm		4.8mb		
AVF	52.53	40 eP	47	00.40	0.3	
SSF	52.74	40 eP	47	01.60	-0.1	
	1.7s	17.60nm		4.7mb		
SMF	52.78	40 eP	47	02.20	0.2	
LBF	53.00	40 eP	47	03.60	-0.1	
	1.5s	12.00nm		4.6mb		
LOR	53.04	39 eP	47	03.70	-0.3	
	1.7s	22.00nm		4.8mb		
LRG	53.26	45 eP	47	06.00	0.5	
LMR	53.32	45 eP	47	05.90	-0.1	
EKA	53.35	28 P	47	06.00	0.0	
	1.2s	10.60nm		4.7mb		
FRF	53.49	45 eP	47	07.30	0.1	
JCT	54.09	299 eP	47	10.80	-1.1	
	1.3s	20.19nm		5.0mb		
CVF	54.73	46 eP	47	15.90	-0.5	
HAU	54.88	39 eP	47	17.10	-0.4	
WLF	55.42	38 P	47	21.80	0.6	
CDF	55.61	39 eP	47	22.30	-0.5	
MEM	55.72	36 P	47	23.90	0.5	
TRI	58.97	44 eP	47	53.60	7.1X	
MOX	59.04	38 eP	47	45.00	-2.0	
	1.7s	27.00nm		5.1mb		
KBA	59.05	42 i(P)	47	46.20	-1.1	
	1.5s	10.70nm		4.8mb		
VOY	59.14	44 eP	47	47.00	-0.8	
KHC	59.78	40 Pd	47	52.00	-0.1	
CLL	60.09	38 eP	47	53.00	-1.1	
ALQ	60.15	303 eP	47	54.00	-1.1	
	1.5s	17.36nm		5.0mb		
Z	18s	0.86um		4.9Msz		

BRG	60.52	38	eP	47	57.00	-0.1	CHN	9.39	117	eP	12	16.00	2.9X	BMN	42.77	322	IP	17	53.00	0.1
	2.0s	35.00nm			5.1mb		GCM	10.27	14	P	12	28.40	3.3X	PRS	43.26	314	e(P)	17	57.20	0.5
PRU	60.63	39	P	47	57.50	-0.3	PSO	10.45	140	eP	12	27.50	-0.4	JAS1	43.41	317	e(P)	17	58.10	0.2
ZST	61.79	42	eP	48	06.00	0.2	BMG	11.07	101	eP	12	39.00	2.9X				e	19	48.20	
KSP	61.94	39	eP	48	06.50	-0.2				eS	14	40.00		LRM	43.81	331	eP	18	00.50	-0.8
BNG	62.58	91	IPd	48	11.20	-0.4	SDV	13.24	91	eP	13	06.00	0.7	ARN	43.87	316	eP	18	03.00	1.3
	1.0s	25.00nm			5.4mb		CAR	16.90	84	eP	13	54.50	1.9	MHC	43.94	316	e(P)	18	03.50	1.1
		i		48	19.00		CAR	16.90	84	IP	13	55.20	2.6	GCC	44.04	315	e(P)	18	03.70	0.7
OHR	63.16	50	eP	48	13.00	-2.0		0.8s	62.69nm				4.8mb	ORV	44.98	318	e(P)	18	10.50	-0.1
HFS	63.55	28	eP	48	15.80	-1.4	OXM	18.13	305	IP	14	10.00	1.9	SOB1	46.71	112	eP	18	17.00	-7.6X
	1.1s	20.20nm			5.2mb		PRM	24.73	3	eP	15	17.00	0.7				e	18	24.30	
KRA	64.02	40	eP	48	21.30	0.8	JSC	25.01	5	P	15	20.00	1.0				e	18	27.90	
	1.3s	64.00nm			5.7mb		JCT	25.72	327	eP	15	23.00	-2.7				e	18	32.50	
		e		48	27.80			1.0s	47.50nm				5.0mb				e	18	46.40	
CLO	65.10	46	eP	48	28.00	0.4	Z	22s	2.41um				4.7Msz	SCH	47.44	13	eP	18	29.00	-0.9
SES	65.64	320	eP	48	30.00	-1.0	RSCP	26.23	357	eP	15	31.30	0.8	FFC	47.52	346	eP	18	30.00	-0.4
MLR	67.35	46	ePd	48	42.00	-0.2		1.3s	169.11nm				5.5mb		1.0s	12.00nm				4.9mb
EDM	67.52	323	ePc	48	42.90	-0.1	TKL	26.25	0	P	15	31.00	0.4	NEW	47.79	330	eP	18	31.00	-1.7
EUR	68.01	308	iP	48	47.20	0.6	GFM	26.78	4	P	15	35.50	-0.2	VAO	48.43	132	eP	18	41.20	3.2X
	1.0s	2.50nm			4.4mb		BHO	26.89	340	eP	15	35.70	-0.7				e	18	44.00	
GSC	68.63	303	eP	48	51.00	0.7	LTX	27.14	320	eP	15	38.00	-0.9				e	18	54.50	
PLM	68.71	301	eP	48	51.00	0.0		1.0s	24.00nm				4.8mb	PNT	49.72	330	ePd	18	41.00	-6.5X
NEW	69.31	317	eP	48	54.00	-0.2	Z	20s	0.61um				4.2Msz		1.0s	22.00nm				5.1mb
SBB	69.48	302	eP	48	56.00	0.5	POW	27.53	347	P	15	40.50	-1.7	EDM	49.79	337	ePd	18	45.70	-2.3
ALE	70.39	358	eP	49	00.00	-0.1	BLA	28.00	6	eP	15	48.20	1.7	INK	67.22	342	ePc	20	47.00	-2.3
	1.3s	21.00nm			5.1mb			1.6s	93.33nm				5.2mb	MBC	69.61	352	eP	21	02.00	-2.0
PNT	71.03	318	eP	49	04.00	-0.6	Z	20s	3.72um				5.0Msz	PMR	70.15	333	P	21	00.00	-7.5X
LWI	74.04	96	IPd	49	29.10	5.9X	VVO	28.05	339	e(P)	15	50.10	3.1X	COL	70.66	336	eP	21	10.00	-0.6
MBC	74.36	346	eP	49	24.00	0.3	TUL	28.59	340	eP-	15	50.20	-1.6	FBA	70.66	336	P	21	09.70	-0.9
INK	78.17	338	eP	49	45.00	-0.2		1.3s	101.10nm				5.3mb		0.8s	6.90nm				4.7mb
KRI	78.65	110	eP	49	49.60	0.6	Z	22s	1.41um				4.5Msz	AKU	71.79	23	iP	21	17.10	-0.2
BUL	78.72	114	eP	49	51.40	2.0				e	16	00.00			1.1s	35.44nm				5.3mb
MTD	80.44	110	eP	50	01.80	3.2X				e	16	09.00		ALE	73.78	3	eP	21	26.50	-2.3
COL	84.39	335	eP	50	19.00	1.0				e	16	19.10			1.1s	26.00nm				5.1mb
	1.2s	17.97nm			5.2mb					e	16	27.00		ECB	74.92	38	eP	21	35.60	-0.3
PME	85.94	332	eP	50	26.10	0.3	FVM	29.15	350	eP	15	55.00	-1.9	ECP	75.16	38	eP	21	35.40	-1.8
	1.2s	23.40nm			5.2mb			1.8s	75.00nm				5.1mb		1.1s	86.00nm				5.6mb
IMA	86.29	337	eP	50	17.90	-9.8X	ZOBO	29.87	148	P	16	08.00	3.8X	ETA	75.29	38	eP	21	37.40	-0.6
NOU	149.13	247	IPKPc	57	32.00	0.9		1.2s	13.51nm				4.6mb		1.5s	150.00nm				5.7mb
DZM	149.19	248	IPKPd	57	37.00	5.6X				iS	21	14.00		DAG	75.46	12	iPd	21	36.60	-2.0
KOU	151.48	250	IPKPc	57	42.60	7.9X				LR	25	30.00			0.6s	31.33nm				5.5mb
WRA	172.51	179	PKPc	58	02.80	7.6X	LPB	30.11	148	(P)	16	11.00	4.9X	IFR	75.71	58	iP	21	43.00	1.9
	0.6s	2.30nm					Z	18s	5.50um				5.2Msz	EKA	77.23	35	P	21	48.00	-0.9
	S.D. = 0.8	on	75	of	82	obs.				S	21	03.00			1.6s	111.40nm				5.6mb
										LR	26	20.00		LGR	77.56	49	eP	21	47.50	-3.5X
SEP	25, 1985	12h	09m	57.03±	0.60s		CNCB	30.40	148	eP	16	08.00	-0.8	KIC	78.47	85	eP	21	57.40	0.9
9.283 N ±	6.0km	84.033 W ±		4.5km			CCH	31.85	146	P	16	23.00	1.7	LPF	78.48	43	eP	21	55.60	-0.3
DEPTH =	37.8 ±	4.7 km					ALQ	32.76	325	eP	16	26.00	-2.9		1.2s	34.30nm				5.2mb
5.2mb (	56 obs.)	5.0Msz (	13	obs.)				1.2s	12.89nm				4.7mb	GRR	78.60	42	eP	21	56.40	-0.1
COSTA RICA					(78)			Z 18s	1.77um				4.8Msz		1.2s	53.70nm				5.4mb
Felt in central Costo Rico.							GLD	35.75	332	eP	16	53.50	-1.1	FLN	78.84	42	eP	21	57.80	0.0
CENTROID, MOMENT TENSOR					(HRV)			1.2s	36.36nm				5.2mb		1.2s	43.30nm				5.3mb
Dota Used: GDSN								Z 20s	1.00um				4.6Msz	LDF	79.08	42	eP	21	58.90	-0.3
L.P.B.: 12S, 28C							GOL	35.78	331	eP	16	53.00	-1.9		1.3s	64.90nm				5.4mb
Centroid Locotion:								1.0s	8.00nm				4.6mb	EPF	79.63	48	eP	22	02.40	0.1
Origin Time			12:10: 2.0		0.4		RSNY	36.09	12	eP	16	58.10	0.9		1.2s	35.70nm				5.2mb
Lot 9.40N	0.04	Lon 84.12W		0.05				1.5s	44.54nm				5.2mb	LFF	79.82	46	eP	22	03.00	-0.2
Dep 35.6	3.4	Half-durotion		2.0				Z 20s	3.67um				5.1Msz		1.4s	25.10nm				5.0mb
Moment Tensor; Scole 10**24 D-CM							OTT	36.69	10	eP	17	04.00	1.9	LPO	80.16	46	eP	22	04.70	-0.3
Mrr= 0.71	0.06	Mtt=-1.18		0.07			GLA	36.95	314	iP	17	16.40	11.8X		1.3s	43.30nm				5.3mb
Mff= 0.47	0.10	Mrt= 1.31		0.15			GLA	36.95	314	eP	17	06.00	1.4	LSF	80.31	45	eP	22	05.40	-0.4
Mrf=-0.75	0.11	Mtf= 0.76		0.07			MNT	37.18	12	iPc	17	04.00	-2.3		1.5s	29.00nm				5.0mb
Principol Axes:							BAR	38.08	312	eP	17	15.00	0.9	RJF	80.35	46	eP	22	05.30	-0.8
T Vol=	1.52	Plg=60		Azm= 52			MIM	38.09	17	P	17	15.00	1.1		1.3s	38.90nm				5.2mb
N	0.72	12		300			SLA	38.34	152	eP	17	16.40	0.0	CAF	80.76	46	eP	22	08.00	-0.3
P	-2.24	27		204			PLM	38.56	313	eP	17	19.00	0.7		1.3s	30.30nm				5.1mb
Best Double Couple:Mo=1.9*10**24							HNME	39.23	18	iP	17	26.00	2.5X	TCF	80.77	45	eP	22	07.90	-0.4
NP1:Strike=266		Dip=21		Slip= 54			RVR	39.26	314	eP	17	25.00	1.1		1.3s	24.70nm				5.0mb
NP2:	124	73		103			SDW	39.37	315	P	17	26.30	1.4	MZF	81.04	45	eP	22	09.10	-0.6
							GSC	39.55	316	eP	17	29.00	2.6		1.3s	32.60nm				5.2mb
OPS	0.15	321	P	10	01.90	-1.8	MWC	39.86	314	eP	17	31.00	1.9	BGF	81.20	44	eP	22	10.20	-0.3
CDM	0.38	44	P	10	06.50	0.0	PAS	39.91	313	eP	17	31.00	1.7		1.3s	39.50nm				5.2mb
PTCR	0.64	322	P	10	09.50	-0.2	SBB	39.94	314	eP	17	30.00	0.4	LOR	81.83	43	eP	22	13.10	-0.7
IRZ2	0.69	11	P	10	21.50	10.7X	BDW	40.16	331	eP	17	30.00	-1.5	SNF	81.85	40	P	22	14.90	1.2
HDC2	0.74	353	P	10	12.90	1.7		1.0s	6.00nm				4.3mb	SMF	81.87	44	eP	22	13.10	-0.9
		S		10	27.00		CLC	40.37	316	eP	17	35.00	1.9		1.2s	14.80nm				4.9mb
POA	0.88	348	P	10	15.50	2.2X	VPEM	40.59	316	P	17	36.30	1.2	LBF	81.94	44	eP	22	13.50	-0.9
EPA	0.89	322	P	10	13.90	0.6	SYP	41.39	313	eP	17	43.00	1.4		1.4s	10.00nm				4.7mb
PBC	1.31	131	P	10	16.10	-3.0	EUR	41.43	322	iP	17	43.00	1.0	DOU	82.08	41	P	22	15.20	0.2
		S		10	34.00			0.5s	2.79nm				4.2mb	ENN	82.86	40	ePc	22	18.50	-0.5
JUD	1.73	300	P	10	25.70	0.4	BLP	41.71	313	P	17	45.00	0.9		1.5s	64.00nm				5.5mb
RIN	1.97	319	P	10	30.80	2.0X	MNA	42.19	319	eP	17	48.60	0.5				e	22	28.00	
UPA	4.45	94	iPc+	11	03.80	-0.1				e	19	40.00		MEM	82.93	40	P	22	19.00	-0.3
	0.5s	739.44nm					RSON	42.21	351	eP	17	47.10	-0.8	WIT	83.11	38	eP	22	21.00	0.8
		pP		11	10.80			0.9s	25.21nm				4.9mb				e	22	31.00	
		iS		11	58.10		FRI	42.44	316	e(P)	17	49.20	-0.8	WLF	83.12	41	P	22	22.00	1.6
GAL	8.77	79	iP	12	21.50	17.1X	PRI	42.67	315	e(P)	17	52.50	0.4	WTS	83.28	38	eP	22	21.00	-0.1

25d 12h

	1.1s	62.00nm		5.6mb		
		e	22 25.50			
		e	22 29.00			
HAU	83.43	43 eP	22 21.80	-0.3		
	1.4s	29.60nm		5.2mb		
CDR	83.52	47 eP	22 24.20	1.6		
BSF	83.75	43 eP	22 23.20	-0.6		
	1.2s	27.50nm		5.2mb		
LRG	83.98	47 eP	22 25.20	0.3		
	1.1s	9.70nm		4.8mb		
CDF	84.00	42 eP	22 24.70	-0.3		
	1.2s	20.20nm		5.1mb		
LMR	84.10	47 eP	22 25.40	-0.1		
FRF	84.17	47 eP	22 26.10	0.2		
	1.2s	19.40nm		5.1mb		
ADK	84.41	322 P	22 25.00	-1.8		
NB2	84.49	29 P	22 27.20	0.1		
	1.6s	70.60nm		5.6mb		
BUM	84.66	42 eP	22 27.70	-0.3		
TMA	85.39	44 eP	22 32.40	0.2		
SAX	85.54	43 eP	22 33.60	0.6		
HFS	85.85	30 eP	22 34.50	0.6		
	0.5s	9.40nm		5.3mb		
Z	18s	0.65um		5.1Msz		
		LR	54 30.00			
CVF	85.92	48 eP	22 34.20	-0.5		
	1.3s	31.30nm		5.4mb		
OSS	86.17	43 eP	22 36.80	0.8		
GRF	86.38	40 eP	22 38.00	1.2		
Z	20s	0.90um		5.2Msz		
MOX	86.46	39 eP	22 37.00	-0.1		
	1.7s	55.00nm		5.5mb		
		eS	33 10.00			
		ePS	34 10.00			
		eSS	39 10.00			
HOF	86.69	40 eP	22 26.70	-9.6X		
OGA	86.74	43 eP	22 39.00	0.2		
	1.3s	17.00nm		5.1mb		
CLL	87.20	39 eP	22 40.00	-0.7		
	1.9s	70.00nm		5.6mb		
BRG	87.87	39 iPd	22 45.00	1.1		
	1.5s	38.00nm		5.4mb		
KHC	88.00	41 iPc	22 44.90	0.3		
	1.3s	29.00nm		5.4mb		
Z	19s	0.70um		5.1Msz		
N	19s	0.50um				
E	19s	0.60um				
PRU	88.43	40 P	22 47.00	0.4		
	1.9s	38.50nm		5.4mb		
Z	21s	1.00um		5.2Msz		
N	21s	0.20um				
E	21s	0.50um				
		e	22 58.10			
TRI	88.83	41 e(P)	22 49.50	0.9		
		e	25 50.00			
		e(SKS)	33 24.00			
		e(S)	33 46.00			
		e(PS)	34 40.00			
		e(SS)	39 52.00			
VOY	88.85	44 iPc	22 48.70	-0.1		
LJU	89.28	44 eP	22 50.50	-0.3		
KSP	89.33	39 eP	22 51.00	0.1		
SOP	90.26	42 iPd	22 56.80	1.5		
	1.2s	18.50nm		5.3mb		
ZST	90.48	41 eP	22 57.00	0.7		
SUF	90.84	26 eP	22 55.00	-2.7X		
KJF	90.91	24 eP	22 47.00	-11.0X		
NUR	90.99	28 iP	22 59.00	0.7		
Z	26s	0.40um		4.7MszX		
		eSKS	33 40.00			
		ePS	35 08.00			
		LR	56 00.00			
KRA	91.78	39 eP	23 03.30	1.1		
Z	18s	1.70um		5.5Msz		
E	18s	1.50um				
		e	23 07.30			
OHR	94.93	47 e(P)	23 17.50	0.5		
SKO	95.14	46 e(P)	23 18.00	0.1		
MLR	97.08	42 ePd	23 27.50	0.7		
SPA	99.22	180 e(P)	23 36.90	1.0		
BJI	127.48	340 ePKP	29 00.00	0.0		
CTA	130.35	252 e(PKP)	29 06.00	0.0		
WB2	141.46	250 ePKP	29 21.30	-5.5X		
WRA	141.48	250 PKP	29 28.00	1.2		
	0.5s	2.30nm				
KKN	141.72	15 ePKP	29 26.60	-0.8		
	0.6s	5.00nm				

DMN	141.85	16 ePKP	29 25.00	-2.6		
PKI	141.96	15 ePKP	29 23.60	-4.3X		
BAG	144.72	316 ePKP	29 30.90	-1.8		
POO	144.78	38 ePKP	29 30.50	-2.1		
KMI	145.17	349 PKP+	29 32.50	-0.8		
MTN	145.33	261 ePKP	29 33.00	-0.5		
DAV	146.31	298 ePKP	29 36.00	0.8		
HYB	148.38	33 ePKP	29 39.00	0.6		
GBA	150.75	39 PKP	29 46.00	4.0X		
CHG	151.93	354 ePKP	29 45.00	1.2		
LOE	152.88	348 ePKP	29 53.00	7.9X		
KOD	153.26	44 ePKP	29 53.50	7.4X		
	S.D. = 1.2	on 148 of 173 obs.				
%	SEP 25, 1985	12h 39m 35.24± 0.89s				
	60.274 N ± 6.7km	5.397 E ±10.3km				
	DEPTH = 0.0km	(geophysicist)				
	SOUTHERN NORWAY			(535)		
	DUR 1.7 (BER). Probable explosion.					
ASK	0.23	335 iPg	39 39.50	-0.4		
		iSg	39 42.50			
ODD	0.71	117 iPg	39 49.90	0.4		
		iSg	40 00.10			
SUE	0.85	339 iPg	39 53.00	0.9		
		eSg	40 02.10			
HYA	0.98	23 iPn	39 54.00	-0.6		
		iSn	40 10.60			
KMY	1.07	184 iPg	39 56.00	-0.2		
		iSg	40 10.40			
	S.D. = 0.9	on 5 of 5 obs.				
?	SEP 25, 1985	13h 18m 18.86±10.19s				
	58.303 N ±83.8km	6.050 E ±31.4km				
	DEPTH = 0.0km	(geophysicist)				
	SOUTHERN NORWAY			(535)		
	DUR 1.8 (BER). Probable explosion.					
KMY	1.00	336 iPg	18 39.20	0.4		
		iSg	18 55.00			
ODD	1.68	11 iPn	18 49.80	0.1		
		iSn	19 11.40			
ASK	2.23	349 iPn	18 57.50	-0.1		
		iSn	19 26.30			
KONO	2.28	52 ePn	18 58.50	0.2		
		iSn	19 36.40			
SUE	2.84	347 iPn	19 06.10	-0.2		
		eSn	19 39.70			
HYA	2.87	1 ePn	19 06.40	-0.4		
		eSn	19 38.70			
	S.D. = 0.4	on 6 of 6 obs.				
	SEP 25, 1985	13h 47m 45.78± 1.94s				
	12.010 N ± 4.6km	143.548 E ± 4.7km				
	DEPTH = 29.4 ± 13.9 km					
	5.1mb (17 obs.)	4.6Msz (1 obs.)				
	SOUTH OF MARIANA ISLANDS			(210)		
GUA	2.02	41 ePd	48 18.30	-0.2		
		eS	48 44.40			
GUMO	2.03	39 eP	48 18.40	-0.2		
PJG	2.03	39 ePd	48 18.30	-0.3		
WEW	15.46	180 eP	51 10.00	-13.6X		
DAV	18.38	256 eP	52 02.00	1.7		
		eS	55 31.00			
LAT	18.86	169 e(P)	52 08.00	1.9		
PMG	21.58	170 eP	52 34.00	-1.3		
AAI	21.82	225 ePc	52 40.10	2.4		
	0.8s	62.60nm		5.1mb		
BAG	22.68	284 eP	52 46.00	-0.5		
ALOA	23.18	163 e(P)	52 50.00	-1.1		
PPR	24.47	267 iPd	53 08.00	4.4X		
MAT	24.89	350 iPc	53 05.80	-1.8		
	1.0s	25.00nm		4.8mb		
Z	18s	1.55um		4.6Msz		
		eS	57 27.00			
HNR	26.82	142 e(P)	53 35.00	9.4X		
		eS	58 10.00			
CTA	32.01	175 eP	54 10.50	-1.4		
	1.3s	26.92nm		5.0mb		
		eS	59 17.00			
WB2	33.02	196 eP	54 19.00	-1.8		
WRA	33.02	196 Pc	54 19.50	-1.3		
	0.6s	7.70nm		4.8mb		
TIA	33.88	320 eP	54 27.30	-0.8		

CN2	35.32	337 eP	54 42.20	1.9		
BJI	36.92	324 eP	54 53.00	-0.8		
TIY	37.79	318 eP	55 02.00	0.6		
KOU	38.26	148 iPc	55 04.60	-0.7		
XAN	38.40	311 Pc	55 06.20	-0.3		
HHC	40.16	321 eP	55 21.50	0.4		
DZM	40.64	146 iPc	55 24.20	-1.0		
KMI	40.66	295 eP	55 26.50	0.9		
NOU	40.84	147 iPc	55 20.00	-9.7X		
BTO	40.97	320 eP	55 28.50	0.7		
NNT	42.78	276 eP	55 45.00	2.2		
LZH	43.03	311 eP	55 44.00	-0.8		
	1.5s	50.00nm		5.0mb		
MRWA	48.86	212 eP	56 30.00	-0.9		
PKI	56.38	295 eP	57 27.00	-0.5		
	0.7s	12.00nm		5.0mb		
KKN	56.51	295 eP	57 28.10	-0.2		
	0.8s	13.00nm		5.0mb		
DMN	56.65	295 eP	57 29.30	0.0		
	0.8s	21.00nm		5.2mb		
WMQ	57.30	315 iPd	57 33.50	0.0		
MNG	60.13	152 eP	57 54.00	1.0		
HYB	62.85	283 eP	58 12.00	0.3		
NDI	63.65	296 eP	58 16.00	-0.9		
GBA	64.31	279 P	58 21.20	-0.1		
KOD	64.73	276 eP	58 25.00	0.5		
POO	67.21	285 iPc	58 39.70	-0.3		
COL	70.19	25 eP	58 56.00	-1.6		
	1.2s	42.97nm		5.4mb		
QUE	72.56	298 eP	59 13.00	0.3		
INK	76.31	22 iPc	59 31.90	-1.4		
	1.0s	58.00nm		5.6mb		
MBC	80.11	14 iPc	59 53.90	-0.1		
	0.5s	14.00nm		5.2mb		
PGC	83.06	42 eP	00 11.00	1.1		
FHC	84.11	50 e(P)	00 16.70	1.2		
YKA	84.85	27 eP	00 23.60	4.9X		
ALE	84.87	3 eP	00 19.00	0.5		
	1.3s	52.00nm		5.6mb		
WDC	85.23	50 eP	00 21.50	0.4		
PNT	85.40	41 eP	00 22.00	0.2		
	1.1s	32.00nm		5.5mb		
MIN	85.98	50 eP	00 24.90	-0.1		
BRK	86.00	52 e(F)	00 25.30	0.4		
ORV	86.22	51 eP	00 26.00	-0.1		
MHC	86.59	53 eP	00 28.70	0.6		
PRS	87.02	54 e(P)	00 30.80	0.8		
JAS1	87.41	52 eP	00 32.50	0.7		
KEV	87.61	342 eP	00 36.00	3.8X		
PRI	87.62	54 e(P)	00 33.60	0.6		
FRI	88.17	53 eP	00 36.00	0.5		
EDM	88.18	36 eP	00 35.00	-0.3		
SOD	88.90	340 iP	00 37.80	-0.6		
MNA	89.02	51 eP	00 40.50	0.7		
BMN	89.21	49 eP	00 40.50	-0.1		
KJF	90.04	337 eP	00 43.00	-0.8		
	0.8s	16.10nm		5.3mb		
PAS	90.08	55 eP	00 45.00	0.4		
CLC	90.11	53 eP	00 46.00	1.2		
MWC	90.15	55 eP	00 45.00	-0.2		
SBB	90.22	55 eP	00 45.00	-0.3		
SES	90.43	38 eP	00 46.00	0.0		
RVR	90.76	55 eP	00 48.00	0.3		
GSC	90.87	54 eP	00 49.00	0.7		
LRM	91.02	43 eP	00 49.00	0.0		
PLM	91.33	56 eP	00 51.00	0.4		
SUF	91.37	336 iP	00 49.20	-0.8		
	0.5s	5.00nm		5.1mb		
GLA	93.06	55 eP	01 00.00	1.6		
HFS	97.75	337 ePKP	01 17.40	-1.8		
	0.6s	1.80nm		4.8mb		
Z	14s	0.25um		4.9MszX		
		LR	41 40.00			
NB2	98.05	339 P	01 18.40	-2.3		
	0.6s	1.10nm		4.6mb		
BNG	122.93	283 ePKPd	06 42.20	0.4		
KIC	143.56	298 ePKP	07 17.80	-2.7		
ZOBO	149.02	102 PKP	07 31.50	1.4		
	1.2s	27.03nm				
LPB	149.02	102 iPKP	07 31.00	1.1		
CNCB	149.11	103 iPKP	07 32.30	2.1X		
		(S)	08 02.00			
SLA	149.75	119 ePKPd	07 34.40	3.9X		
CCH	150.81	104 ePKP	07 36.00	3.6X		
	S.D. = 1.0	on 75 of 84 obs.				
•	SEP 25, 1985	14h 39m 21.80± 0.98s				

28.286 N ±10.4km 140.704 E ±13.6km
DEPTH = 33.0km (normal)
5.0mb (4 obs.)
BONIN ISLANDS REGION (212)

MAT	8.50	346	eP	41 28.00	2.4
	1.4s	104.65nm			5.8mb X
			eS	43 13.00	
SHK	9.26	314	eP	41 37.80	1.7
SSE	17.19	284	eP	43 20.00	-1.0
	6.0s	1.80nm			2.4mb X
	N 10s	0.90um			
			S	46 48.00	
			sS	46 58.00	
			SS	47 15.00	
MDJ	18.56	334	eP	43 35.00	-2.8
DL2	19.06	309	eP	43 44.00	0.0
NJ2	19.26	287	Pd	43 47.00	0.7
SNY	19.42	319	iPd	43 47.00	-1.1
CN2	19.75	326	Pu	43 49.00	-2.7
QZH	20.04	266	iPc	43 56.00	1.1
			S	47 42.00	
TIA	21.42	298	eP	44 06.80	-2.2
BAG	22.01	242	eP	44 16.00	0.8
WHN	23.05	282	eP	44 27.00	1.8
BJI	23.36	307	eP	44 27.00	-1.1
			eS	48 42.00	
			eSS	49 35.00	
HKC	24.69	262	eP	44 45.00	3.9X
			eS	49 13.00	
GZH	25.17	264	Pc	44 50.00	4.3X
TIY	25.43	299	eP	44 47.50	-0.6
DAV	25.48	217	eP	44 51.00	2.3X
			eS	49 18.00	
HHC	26.94	305	Pc	45 01.80	-0.3
XAN	27.73	290	eP	45 08.00	-1.3
BTO	27.98	304	iPc	45 12.50	0.9
QIZ	29.66	253	P	45 29.50	2.7
LZH	32.00	294	eP	45 46.00	-1.5
CD2	32.14	284	eP	45 48.40	-0.2
GTA	35.45	299	P	46 16.00	-1.2
			PP	47 35.00	
			S	51 49.50	
CHG	39.26	265	eP	46 50.00	0.7
WMQ	44.82	305	P	47 35.00	0.5
WB2	48.34	188	eP	48 00.20	-2.1
WRA	48.34	188	Pc	48 00.40	-1.9
	1.4s	38.50nm			5.2mb
PKI	48.49	283	eP	48 04.90	1.0
	1.1s	15.00nm			4.9mb
KKN	48.55	283	eP	48 04.40	0.2
	1.0s	20.00nm			5.1mb
DMN	48.74	283	eP	48 07.20	1.5
	1.1s	14.00nm			4.9mb
NDI	55.18	287	eP	48 53.50	-0.2
			eS	56 38.00	
COL	56.93	29	eP	49 07.00	1.2
BOM	62.22	278	eP	49 44.00	1.2
			eS	58 11.00	
INK	62.50	25	eP	49 36.00	-8.0X
LRM	80.89	43	eP	51 36.10	1.7
	S.D. = 1.5	on	32 of	36 obs.	

SEP 25, 1985 15h 22m 14.86± 0.81s
44.321 N ± 7.7km 21.663 E ± 8.5km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

BEO	1.00	301	iPg	22 34.50	0.7
			iSg	22 51.10	
CLO	1.11	47	iPc	22 35.00	-0.6
VTS	2.05	146	eP	22 46.00	-3.8X
COZ	2.15	61	eP	22 50.00	-1.4
SKO	2.35	184	iPn	22 53.00	-1.2
PVL	2.80	114	eP	23 02.00	1.5
VAY	3.07	167	iPn	23 05.20	0.9
MMB	3.12	150	iPc	23 07.00	1.9X
MLR	3.26	67	eP	23 08.00	0.9
OHR	3.27	192	ePn	23 06.50	-0.7
	S.D. = 1.3	on	8 of	10 obs.	

? SEP 25, 1985 15h 22m 34.20± 4.40s
59.378 N ±22.9km 6.718 E ±28.0km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.4 (BER). Probable explosion.

ODD	0.57	357	iPg	22 45.70	0.0
			iSg	22 54.60	
KMY	0.77	258	iPn	22 49.70	0.1
			eSn	23 00.30	
BER	1.23	326	iPn	22 58.50	0.5
			iSn	23 16.40	
ASK	1.35	326	ePn	22 59.80	-0.2
			eSn	23 19.50	
HYA	1.81	352	iPn	23 07.20	0.3
			eSn	23 31.80	
SUE	1.95	331	iPn	23 08.10	-0.7
			eSn	23 33.50	
	S.D. = 0.5	on	6 of	6 obs.	

SEP 25, 1985 15h 39m 54.33± 0.43s
36.567 N ± 7.8km 71.370 E ± 9.8km
DEPTH = 33.0km (normal)
4.5mb (6 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.36	211	eP	41 42.50	0.2
			eS	43 00.00	
NDI	9.28	146	eP	42 10.00	1.2
			eS	43 46.00	
KKN	14.66	123	eP	43 21.00	-0.4
	0.5s	13.00nm			4.6mb
PKI	14.89	123	eP	43 25.00	0.5
	0.6s	12.00nm			4.4mb
HYB	20.11	160	eP	44 26.60	-1.6
GBA	23.50	165	P	45 02.00	-0.1
NUR	37.95	324	iP	47 11.00	0.8
KJF	37.98	331	eP	47 09.00	-1.4
SUF	38.02	328	iP	47 11.80	1.0
	0.6s	3.10nm			4.3mb
KRA	39.01	307	eP	47 19.80	0.6
SOD	39.80	335	eP	47 14.00	-11.6X
BRG	42.82	308	e(P)	47 51.00	0.5
HFS	43.20	322	eP	47 53.50	0.0
	0.5s	6.60nm			4.6mb
NB2	44.51	323	P	48 03.20	-0.9
	0.8s	7.30nm			4.6mb
EKA	52.45	316	Pd	49 05.30	-0.4
	1.2s	7.60nm			4.5mb
MBC	67.26	3	eP	50 47.00	-0.1
	S.D. = 0.9	on	15 of	16 obs.	

SEP 25, 1985 16h 29m 19.74± 0.42s
54.758 N ± 7.7km 159.723 W ± 5.3km
DEPTH = 33.0km (normal)
4.8mb (29 obs.)
SOUTH OF ALASKA (17)
ML 4.4 (PMR). Felt (II) at Sand Point.

SDN	0.73	323	iPd	29 34.50	0.9
KDC	5.02	50	eP	30 34.00	-0.7
SVW	6.73	17	eP	30 59.70	0.9
TTA	8.42	12	eP	31 21.60	-0.8
PMS	8.44	36	eP	31 21.60	-1.1
MID	8.65	52	eP	31 24.50	-1.0
PME	8.90	35	eP	31 28.30	-0.6
TOA	10.21	38	iPd	31 46.40	-0.7
ADK	10.55	261	eP	31 49.60	-1.9
IMA	11.73	12	eP	32 08.40	0.7
COL	11.78	26	e(P)	32 05.00	-3.3X
BCPM	12.01	56	eP	32 11.30	0.0
SIT	13.85	70	eP	32 34.80	-1.0
INK	18.23	32	eP	33 30.00	-1.3
ALE	37.06	12	eP	36 26.50	-1.2
FRB	43.57	40	eP	37 22.00	0.4
MAT	45.43	273	eP	37 36.00	-1.0
	1.0s	38.00nm			5.3mb
DAG	46.43	12	iPd	37 43.70	-0.6
	0.6s	22.67nm			5.3mb
BJI	55.40	292	eP	38 51.00	-1.7
KEV	55.70	357	iP	38 53.20	-1.3
	0.6s	11.70nm			5.1mb
SOD	58.10	357	iP	39 10.00	-1.5
KJF	61.24	356	eP	39 33.00	-0.2
SUF	62.77	357	iP	39 42.40	-1.0
	0.4s	2.30nm			4.7mb
NB2	64.32	5	P	39 52.90	-0.8
	0.6s	7.20nm			4.9mb
NUR	65.03	358	iP	39 57.40	-0.8
	0.5s	12.60nm			5.3mb
HFS	65.34	4	eP	39 59.10	-1.1
	0.5s	17.00nm			5.4mb

EKA	68.60	14	Pc	40 20.80	-0.1
	0.7s	8.20nm			4.9mb
CLL	74.13	5	iPd	40 54.20	0.2
	0.9s	10.00nm			4.8mb
ENN	74.16	9	eP	40 54.50	0.3
	1.0s	10.00nm			4.8mb
MEM	74.33	9	P	40 55.60	0.5
BRG	74.61	4	eP	40 56.50	-0.3
	0.9s	16.00nm			5.0mb
			e	41 07.20	
DOU	74.69	10	P	40 57.00	-0.3
MOX	74.72	6	eP	40 58.00	0.6
			e	41 07.00	
WLF	75.28	9	P	41 01.90	1.3
FLN	75.38	14	eP	41 01.60	0.3
PRU	75.52	4	eP	41 02.00	0.0
LDF	75.60	14	eP	41 02.70	0.2
	1.0s	8.00nm			4.7mb
GRF	75.65	6	eP	41 03.50	0.7
	0.8s	8.00nm			4.8mb
GRR	75.70	14	eP	41 03.50	0.5
LPF	76.02	15	eP	41 05.50	0.7
	1.0s	11.50nm			4.8mb
KHC	76.33	5	iPc	41 07.40	0.7
	0.9s	12.00nm			4.9mb
			e	41 16.00	
CDF	76.62	9	eP	41 08.80	0.4
HAU	76.94	10	eP	41 10.50	0.4
BSF	77.15	9	eP	41 11.50	0.1
ZST	77.39	2	eP	41 13.70	1.3
LOR	77.41	11	eP	41 13.00	0.4
	0.8s	4.50nm			4.6mb
MFF	77.54	14	eP	41 14.10	0.7
	0.9s	14.40nm			5.0mb
SSF	77.57	12	eP	41 13.90	0.4
	1.0s	8.80nm			4.7mb
LBF	77.70	11	eP	41 14.40	0.1
AVF	77.82	12	eP	41 15.30	0.4
BGF	77.99	12	eP	41 16.20	0.4
	0.8s	5.10nm			4.6mb
SMF	78.02	11	eP	41 16.30	0.3
	0.9s	6.50nm			4.7mb
LSF	78.12	13	eP	41 17.20	0.6
	0.9s	11.40nm			4.9mb
TCF	78.17	13	eP	41 17.40	0.5
MZF	78.29	12	eP	41 17.90	0.4
	0.7s	3.60nm			4.5mb
KBA	78.37	5	iPc	41 19.10	1.0
	0.9s	14.70nm			5.0mb
RJF	79.05	13	eP	41 22.00	0.3
	0.9s	6.50nm			4.6mb
LFF	79.30	14	eP	41 23.70	0.7
	0.9s	6.50nm			4.6mb
VOY	79.44	5	eP	41 23.20	-0.7
LPG	79.46	10	eP	41 25.60	1.3
CAF	79.49	13	eP	41 24.70	0.6
	0.8s	3.20nm			4.4mb
LPO	79.61	14	eP	41 25.20	0.5
	0.9s	6.50nm			4.6mb
KKN	80.74	306	eP	41 31.20	-0.1
PKI	80.86	305	eP	41 31.80	-0.3
	0.5s	11.00nm			5.1mb
DMN	80.97	306	eP	41 32.60	0.0
	0.5s	15.00nm			5.2mb
EPF	81.11	15	eP	41 33.00	0.2
CHG	81.18	290	eP	41 33.00	-0.4
SKO	83.64	359	iP	41 47.00	1.2
VAY	84.27	358	eP	41 50.00	1.0
OHR	84.50	360	eP	41 51.00	0.8
CTA	87.60	230	iPd	42 05.80	0.2
WB2	93.09	239	eP	42 40.20	9.0X
SPA	144.58	180	e(PKP)	48 51.40	-1.6X
	1.0s	2.50nm			
BUL	144.87	346	iPKPc	48 54.00	-0.9
	0.9s	33.19nm			
WIN	147.77	6	e(PKP)	49 06.00	6.3X
SLR	150.41	345	ePKP	49 09.30	5.7X
	0.9s	21.01nm			
EVA	151.04	344	e(PKP)	49 18.50	13.9X
	S.D. = 0.8	on	71 of	77 obs.	

? SEP 25, 1985 16h 49m 02.83± 1.07s
17.893 S ±27.9km 174.114 W ±19.6km
DEPTH = 33.0km (normal)
4.3mb (2 obs.)
TONGA ISLANDS (173)

25d 16h

DZM	18.46	254	iPc	53	19.50	1.5
NOU	18.50	253	iPc	53	21.10	2.7X
KOU	20.29	259	iPc	53	38.00	-0.6
CTA	37.20	260	iPd	56	11.60	-1.5
	0.9s		8.40nm			4.6mb
WB2	48.36	259	eP	57	40.80	-2.9X
WRA	48.37	259	P	57	49.00	5.2X
	0.7s		1.20nm			4.0mb
SBA	60.70	184	e(P)	59	12.50	-0.4
COL	85.01	11	eP	01	35.00	-0.8
CLL	146.14	352	ePKP	08	40.00	-0.1
BRG	146.43	350	ePKP	08	42.50	1.9
KHC	148.17	350	ePKP	08	47.50	4.0X
S.D. = 1.5 on 7 of 11 obs.						

? SEP 25, 1985 17h 19m 13.18± 0.96s
17.582 N ±12.5km 146.243 E ±31.5km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
MARIANA ISLANDS (216)

MAT	20.18	341	eP	23	49.00	1.2
WB2	39.08	198	eP	26	40.20	1.1
WRA	39.08	198	Pc	26	39.90	0.8
	0.7s		4.10nm			4.3mb
NAU	49.95	218	iPd	28	06.90	0.8
MEK	51.51	212	eP	28	17.00	-1.0
MRWA	54.93	213	eP	28	42.00	-1.3
BAL	55.71	211	eP	28	48.00	-0.9
TCW	64.01	157	eP	29	46.50	0.8
MBC	74.10	14	eP	30	46.00	-1.4
S.D. = 1.3 on 9 of 9 obs.						

• SEP 25, 1985 18h 04m 22.37± 1.13s
12.481 N ± 9.4km 143.393 E ±13.0km
DEPTH = 24.5 ± 11.6 km
4.9mb (3 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO	1.81	52	eP	04	51.50	-0.9
PJG	1.81	52	P	04	51.70	-0.7
GUA	1.82	54	ePc	04	51.60	-0.9
			eS	05	13.00	
DAV	18.35	255	eP	08	24.00	-13.1X
			eS	12	00.00	
AAI	22.05	224	ePc	09	17.30	0.1
	0.8s		191.90nm			5.6mb X
BAG	22.43	283	eP	09	22.00	0.8
CTA	32.49	175	eP	10	53.00	-0.3
WB2	33.43	196	eP	11	00.00	-1.6
WRA	33.43	196	Pc	11	00.30	-1.3
	0.6s		4.30nm			4.6mb
BJI	36.45	324	eP	11	26.50	-0.7
TIY	37.34	318	P	11	35.40	0.6
XAN	37.98	310	eP	11	39.20	-1.0
KOU	38.73	148	iPc	11	47.60	1.1
CD2	40.87	303	eP	12	05.00	0.8
DZM	41.11	146	iPc	12	06.40	0.1
GTA	46.85	313	Pd	12	52.80	0.3
PKI	56.05	295	eP	14	01.30	-1.0
KKN	56.17	295	eP	14	02.20	-0.9
	0.8s		11.00nm			4.9mb
DMN	56.32	295	eP	14	03.50	-0.7
	0.6s		13.00nm			5.1mb
MNG	60.62	152	P	14	33.80	0.3
KIC	143.21	299	ePKP	23	52.50	-4.7X
S.D. = 0.9 on 19 of 21 obs.						

? SEP 25, 1985 18h 43m 14.59±11.77s
61.196 N ±61.9km 7.757 E ±78.6km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.9 (BER).

HYA	0.76	268	ePg	43	29.40	0.0
			eSg	43	41.90	
ODD	1.36	294	iPn	43	39.40	-0.2
			iSn	43	57.00	
ASK	1.44	241	iPn	43	40.60	-0.1
			iSn	44	00.20	
SUE	1.46	266	iPn	43	41.00	0.1
			eSn	44	00.80	
KMY	2.35	213	iPn	43	54.10	0.3
			eSn	44	22.40	
S.D. = 0.3 on 5 of 5 obs.						

SEP 25, 1985 20h 30m 03.03± 0.60s
6.752 S ± 8.8km 149.785 E ± 7.9km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
NEW BRITAIN REGION (192)

LAT	2.77	272	eP	30	46.50	0.5
RAB	3.48	43	eP	30	56.00	-0.2
ALOA	3.57	171	eP	30	57.00	-0.5
PMG	3.71	224	eP	31	03.00	3.6X
MDG	4.25	290	eP	31	06.50	-0.6
CTA	13.69	194	eP	33	23.00	5.7X
			eS	36	00.00	
MTN	19.35	250	eP	34	29.00	0.2
WB2	19.91	227	eP	34	34.70	-0.2
WRA	19.92	227	Pc	34	35.70	0.7
	0.9s		54.40nm			4.9mb
AAI	21.71	277	e(P)	34	52.50	-0.9
KUPT	26.11	261	eP	35	43.50	7.6X
SBA	71.62	176	e(P)	41	21.10	-1.6
SPA	83.29	180	eP	42	29.20	1.5
	0.7s		2.73nm			4.5mb
KHC	123.98	327	ePKP	49	00.50	0.8
BNG	131.43	270	ePKPc	49	15.40	0.5
	0.5s		3.00nm			
			i	49	24.50	
VAO	146.19	151	ePKP	49	43.70	2.2X
BAO	151.63	142	e(PKP)	49	52.60	2.4X
KIC	154.69	271	ePKP	50	02.90	8.6X
S.D. = 0.9 on 12 of 18 obs.						

SEP 25, 1985 20h 50m 52.89± 0.24s
59.763 N ± 4.0km 154.601 W ± 2.8km
DEPTH = 189.3km (17 depth phases)
4.6mb (34 obs.)
SOUTHERN ALASKA (2)
Felt (IV) at Kenai, (III) at Cooper Landing, Homer, Skwentna, Soldotna and Sutton. Felt (II) at Anchorage, Palmer, Moose Pass and Seward.

PDB	0.21	83	iP	51	18.50	1.9
			iS	51	37.08	
ILM	0.99	64	iP	51	22.11	0.3
RDT	1.37	53	iP	51	25.88	1.0
SVW	1.44	340	iPc	51	27.90	2.4
CNPM	1.73	96	iP	51	27.61	-0.5
BRLK	1.88	88	iP	51	29.56	-0.2
SPU	1.90	40	iP	51	31.54	1.5
CRP	1.93	38	iP	51	32.03	1.6
NKA	1.94	58	eP	51	32.63	2.3
CGLM	2.01	38	iP	51	32.49	1.3
KDC	2.30	151	iPd	51	31.10	-3.1
SLKM	2.32	69	iP	51	34.29	-0.2
			iS	52	05.24	
SUA	2.55	46	iP	51	38.32	1.0
SEW	2.62	80	iP	51	37.44	-0.4
SKT	2.68	33	iP	51	40.28	1.6
			iS	52	15.55	
MPA	2.72	72	iP	51	39.24	0.2
PMS	2.90	57	iPd	51	41.20	-0.1
PTE	2.99	66	iP	51	41.64	-0.6
PWA	3.00	49	iPd	51	42.30	0.0
TTA	3.25	349	iPd	51	47.90	2.3
PLRM	3.26	53	eP	51	44.52	-1.0
PMR	3.26	53	ePd	51	44.60	-0.9
PWL	3.31	68	iP	51	45.32	-0.9
PME	3.32	53	eP	51	45.46	-0.8
GHO	3.44	52	iP	51	47.27	-0.6
KNK	3.45	59	iP	51	47.54	-0.5
KNIM	3.49	77	iP	51	48.06	-0.4
MTU	3.51	83	iP	51	48.64	-0.1
CFI	3.67	64	iP	51	49.56	-1.1
SML	3.69	54	iP	51	50.23	-0.8
GLI	3.90	70	eP	51	52.83	-0.7
HIN	4.11	78	iP	51	55.50	-0.7
SCM	4.12	57	eP	51	55.85	-0.7
FID	4.17	73	iP	51	55.99	-1.0
VZW	4.20	68	eP	51	56.75	-0.6
MID	4.21	91	eP	51	56.40	-1.1
VLZ	4.32	68	iP	51	58.64	-0.2
KLU	4.61	64	iP	52	02.48	-0.3
TOA	4.73	57	iPd	52	04.70	0.4
SGAM	4.76	77	iP	52	04.02	-0.5
SDN	5.45	218	eP	52	10.50	-3.0
GLB	5.58	68	iP	52	15.40	0.2
WAX	5.92	78	iP	52	19.38	-0.3

SNH	5.92	81	iP	52	19.77	0.0
COL	6.05	29	iP	52	21.30	0.0
FBA	6.05	29	iPd	52	20.80	-0.5
BALM	6.21	73	iP	52	23.62	0.1
IMA	6.34	3	ePd	52	27.40	2.1
YAH	6.47	79	iP	52	27.24	0.2
GYO	6.61	81	iP	52	28.93	0.3
BCPM	7.54	82	eP	52	40.10	-0.9
SIT	10.46	97	iPc	53	18.20	-0.8
BRW	11.62	357	eP	53	34.80	0.8
INK	12.52	38	iPd	53	44.30	-1.1
	0.5s		121.00nm			5.6mb
ADK	14.65	247	eP	54	12.30	0.2
PHC	17.83	109	eP	54	52.50	2.7
YKA	19.28	65	eP	55	06.40	1.5
YKC	19.35	65	iPd	55	05.40	-0.1
	0.9s		285.00nm			5.8mb X
MBC	20.56	23	iPd	55	16.90	-0.6
	0.9s		46.00nm			5.0mb
PNT	22.56	102	iPc	55	39.80	2.5
	1.3s		97.00nm			5.2mb
			pP	56	10.00	153kmX
BFW	22.78	112	eP	55	41.50	2.0
EDM	23.37	88	iPd	55	46.50	1.3
NEW	24.49	101	eP	55	56.00	0.3
			e	56	34.00	194km
SES	26.18	91	iPd	56	11.70	0.5
			pP	56	49.00	186km
FFC	28.27	77	eP	56	29.00	-0.9
	1.0s		35.00nm			5.0mb
LRM	28.49	100	eP	56	32.20	-0.1
BMN	30.21	113	eP	56	48.10	0.7
			epP	57	27.00	189km
IMW	30.62	101	eP	56	52.00	0.9
			epP	57	31.00	189km
JAS1	30.80	120	iP	56	53.00	0.6
			epP	57	33.10	195km
ALE	31.53	15	eP	56	57.00	-1.3
	0.8s		12.00nm			4.6mb
EUR	31.55	113	eP	57	00.00	0.8
			epP	57	38.00	183km
BDW	32.12	102	eP	57	04.20	0.1
	1.0s		4.00nm			4.0mb
			epP	57	44.00	192km
GSC	34.58	118	eP	57	27.00	1.8
			e	58	06.00	186km
RSON	34.60	77	iP	57	25.50	0.5
	0.5s		38.20nm			5.3mb
			epP	58	05.00	188km
GOL	36.51	101	eP	57	43.00	1.5
	1.0s		4.50nm			4.1mb
			epP	58	21.00	174kmX
GLA	37.36	118	eP	57	50.00	1.6
FRB	38.00	46	eP	57	53.00	-0.4
LHC	38.38	77	iPd	57	57.70	1.0
	0.8s		104.00nm			5.5mb
ALQ	39.72	107	eP	58	08.80	0.7
	0.9s		3.78nm			4.0mb
			e	58	49.00	187km
DAG	40.92	14	iPd	58	16.10	-1.1
	0.6s		16.67nm			4.8mb
			i	59	07.00	243kmX
TUL	44.24	96	eP	58	45.60	1.0
	0.8s		20.80nm			4.7mb
SCH	44.40	56	eP	58	45.00	-0.7
RLO	44.43	95	eP	58	46.20	0.1
VVO	44.72	96	eP	58	48.50	0.1
FVM	45.35	89	iP	58	53.00	-0.3
	0.5s		38.49nm			5.1mb
			ipP	59	34.00	187km
LTX	45.66	109	iP	58	57.00	1.0
	1.0s		12.00nm			4.3mb
			ipP	59	39.00	192km
BHO	45.91	96	eP	58	57.80	0.0
JCT	46.60	104	iP	59	04.00	0.7
	0.9s		105.04nm			5.3mb
			i	59	45.50	189km
OTT	47.10	71	eP	59	06.00	-1.0
	0.5s		24.00nm			4.9mb
MAT	47.99	272	iPc	59	13.80	-0.2
	1.1s		56.96nm			5.0mb
MNT	48.01	69	iPc	59	13.00	-1.0
			pP	59	58.50	208kmX
RSNY	48.29	71	eP	59	15.10	-1.1
	0.9s		10.08nm			4.3mb
CN2	48.79	289	iPc	59	20.00	-0.1
			pP	00	03.00	194km

RSCP	49.64	87	iP	59	25.20	-1.5
	1.0s		24.00nm			4.7mb
HNME	50.15	65	eP	59	29.80	-0.5
SNY	51.18	288	iPc	59	38.80	0.6
SOD	53.17	359	iP	59	53.00	0.5
BJI	56.09	292	eP	00	14.00	-0.1
KJF	56.35	359	eP	00	14.00	-1.6
HHC	57.57	296	Pc	00	24.80	0.2
SUF	57.84	360	IP	00	25.70	-0.3
	0.6s		4.10nm			4.4mb
NB2	59.03	8	P	00	32.00	-2.4
	1.0s		4.30nm			4.2mb
TIY	59.70	293	P	00	39.70	0.4
NUR	60.06	0	iP	00	42.20	0.9
	0.6s		7.80nm			4.7mb
HFS	60.09	7	eP	00	40.30	-1.2
	0.5s		3.40nm			4.4mb
PJG	63.68	251	eP	01	03.20	-2.6
GTA	63.90	304	iPc	01	07.40	0.2
XAN	64.33	294	Pc	01	09.40	-0.6
MEM	68.87	13	P	01	37.80	-0.3
CD2	69.33	296	eP	01	41.70	0.4
BRG	69.33	8	eP	01	40.00	-0.9
	1.2s		11.00nm			4.5mb
			e	02	25.50	192km
MOX	69.38	9	eP	01	41.50	0.2
	1.5s		17.00nm			4.6mb
			e	02	26.00	187km
WLF	69.81	13	P	01	44.40	0.5
PRU	70.25	7	P	01	47.00	0.4
GRF	70.30	10	eP	01	47.20	0.3
KHC	71.04	8	Pc	01	52.10	0.7
			e	02	37.10	188km
BSF	71.69	13	eP	01	54.70	-0.7
GYA	71.74	291	P	01	56.60	0.6
LOR	71.88	15	eP	01	55.70	-0.7
MFF	71.95	18	eP	01	56.10	-0.6
SSF	72.04	16	eP	01	56.70	-0.6
	0.5s		2.40nm			4.2mb
LBF	72.18	15	eP	01	57.30	-0.8
AVF	72.28	16	eP	01	57.90	-0.8
	0.4s		1.70nm			4.1mb
BGF	72.44	16	eP	01	59.00	-0.6
	0.7s		2.10nm			4.0mb
LSF	72.55	17	eP	01	59.60	-0.7
	0.5s		2.20nm			4.1mb
TCF	72.62	17	eP	02	00.00	-0.7
MZF	72.74	16	eP	02	00.60	-0.8
RJF	73.47	17	eP	02	04.80	-0.8
LFF	73.71	18	eP	02	06.30	-0.7
	0.5s		1.80nm			4.1mb
CAF	73.93	17	eP	02	07.40	-0.9
LPO	74.03	18	eP	02	08.20	-0.6
OHR	79.41	4	eP	02	38.20	-0.6
KKN	79.92	309	iPd	02	43.20	1.3
	0.6s		13.00nm			4.8mb
PKI	80.07	309	iPd	02	44.00	1.2
	0.5s		5.00nm			4.5mb
DMN	80.15	309	iPd	02	44.60	1.4
	0.6s		9.00nm			4.7mb
CHG	81.91	293	eP	02	48.00	-12.2X
CTA	92.89	234	iPd	03	45.00	0.2
	0.7s		3.08nm			4.6mb
SPA	149.59	180	ePKP	10	19.50	4.9X
	0.5s		10.65nm			
			e	11	10.00	

S.D. = 1.1 on 136 of 138 obs.

SEP 25, 1985 21h 23m 17.51± 0.91s
44.600 N ± 6.7km 10.360 E ± 8.4km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.3 (LDG).

TMA	1.84	326	iPd	23	49.90	0.4
OSS	2.09	356	eP	23	54.50	1.3
CVF	2.30	209	Pn	23	55.60	-0.5
			Sn	24	22.80	
OGA	2.32	11	ePn	23	58.20	1.7
LLS	2.46	338	eP	24	00.10	1.6
TRI	2.65	64	iP	24	28.70	27.7X
			i	24	45.10	
			i	24	51.50	
SAX	2.74	345	eP	24	03.70	1.1
FRF	2.87	250	Pn	24	05.00	0.9
			Sn	24	37.40	
VOY	2.87	59	e(Pn)	24	03.00	-1.3
			eSn	24	35.00	
			i(Sg)	24	48.20	
LMR	3.05	247	Pn	24	06.90	0.2
			Sn	24	42.20	
ZUL	3.19	335	eP	24	08.30	-0.4
CDR	3.43	256	eP	24	13.50	1.4
			e	24	51.90	
			e	24	52.10	
BSF	4.07	324	Pn	24	20.40	-0.8
			Sn	25	05.80	
BUH	4.33	341	ePn	24	23.60	-1.3
CDF	4.37	332	Pn	24	24.40	-1.1
HAU	4.40	322	Pn	24	25.20	-0.6
			Sn	25	14.00	
SMF	5.01	296	Pn	24	33.60	-0.9
			Sn	25	29.80	
LBF	5.06	300	Pn	24	34.50	-0.8
			Sn	25	30.50	
LOR	5.26	303	Pn	24	37.40	-0.7
			Sn	25	35.10	

S.D. = 1.1 on 18 of 19 obs.

? SEP 25, 1985 21h 28m 55.32± 3.89s
51.364 N ±30.5km 15.980 E ±22.4km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.4 (VKA).

KSP	0.56	159	iPd	29	06.00	-0.6
			iS	29	15.00	
BRG	1.37	250	iPg	29	20.50	0.0
			iSg	29	40.50	
PRU	1.65	214	ePn	29	25.00	0.5
			Sn	29	43.80	
			Sg	29	49.50	
CLL	1.87	270	iPg	29	28.40	0.8
			iSg	29	53.90	
KHC	2.72	216	Pn	29	40.00	0.2
			Pg	29	46.00	
			Sn	30	14.90	
			Sg	30	23.00	
HOF	2.81	250	ePn	29	39.50	-1.6
KRA	2.84	116	eP	29	47.80	6.3X
			eS	30	24.30	
MOX	2.85	257	ePg	29	48.00	6.3X
			iSg	30	27.00	
VKA	3.11	176	ePn	29	46.00	0.7
			iPg	29	53.80	
			iSg	30	37.40	
ZST	3.25	167	eP	30	47.00	59.6X
			e	31	06.00	

S.D. = 1.0 on 7 of 10 obs.

SEP 25, 1985 21h 44m 20.55± 0.83s
46.328 N ± 6.4km 7.393 E ± 7.6km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)

DIX	0.25	177	iP+	44	25.90	-0.1
EMS	0.41	231	ePd	44	29.20	0.2
MMK	0.48	125	ePd	44	30.30	-0.1
TMA	1.05	102	ePd	44	40.50	0.0
ZUL	1.34	30	eP	44	46.40	1.1
BUH	2.42	13	ePn	44	59.60	-1.2

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

? SEP 25, 1985 22h 27m 15.11± 1.34s
28.006 N ±11.5km 140.811 E ±27.0km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
BONIN ISLANDS REGION (212)

MAT	8.79	346	eP	29	23.00	0.1
			eS	30	55.00	
WB2	48.07	188	eP	35	54.00	0.4
WRA	48.08	188	Pd	35	53.20	-0.4
	0.7s		1.80nm			4.2mb
PKI	48.64	283	eP	35	58.60	0.2
	0.9s		13.00nm			5.0mb X
KKN	48.70	284	eP	35	59.20	0.5
	0.8s		21.00nm			5.2mb X
DMN	48.90	283	eP	36	00.70	0.4
	0.8s		19.00nm			5.2mb X
NDI	55.35	287	eP	36	47.00	-1.3

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

* SEP 25, 1985 22h 31m 17.81± 0.57s
28.014 N ±10.0km 140.876 E ±12.2km
DEPTH = 33.0km (normal)
4.9mb (6 obs.)
BONIN ISLANDS REGION (212)

CBI	1.48	128	eP	31	43.00	0.6
			eS	32	56.00	
MAT	8.80	346	(P)	33	27.00	1.3
			(S)	35	00.00	
WB2	48.09	188	eP	39	56.50	0.1
WRA	48.09	188	Pd	39	56.20	-0.2
	0.7s		13.50nm			5.1mb
PKI	48.70	283	eP	40	02.00	0.5
	0.8s		9.00nm			4.9mb
KKN	48.76	284	eP	40	02.50	0.7
	0.8s		19.00nm			5.2mb
DMN	48.95	283	eP	40	04.20	0.8
	0.7s		13.00nm			5.1mb
INK	62.68	25	eP	41	41.00	-0.2
QUE	63.53	292	eP	41	46.40	-1.2
SUF	75.86	334	eP	43	01.00	-1.2
	0.6s		3.00nm			4.5mb
NB2	82.33	338	P	43	36.10	-1.2
	0.8s		1.30nm			4.0mb

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

? SEP 25, 1985 22h 42m 09.31± 5.73s
34.041 S ±15.4km 178.252 W ±75.5km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ	5.49	212	eP	43	22.00	0.1
			eS	44	21.00	
KRP	6.35	231	P	43	34.00	-0.1
MNG	8.25	215	eP	43	57.00	-3.5X
			eS	45	22.00	
CTA	34.34	285	eP	48	47.00	0.8
WB2	44.13	276	eP	50	07.10	-0.5
WRA	44.14	276	Pd	50	07.20	-0.4
	0.5s		2.90nm			4.3mb
KJF	145.86	340	iPKP	01	41.10	4.8X
	0.6s		9.10nm			
SUF	147.45	339	ePKP	01	44.00	5.1X
	0.7s		8.80nm			
NUR	149.62	338	iPKP	01	50.80	8.4X
	0.7s		10.60nm			
NB2	152.30	350	PKP	01	56.80	10.4X
	0.7s		1.40nm			

S.D. = 0.8 on 5 of 10 obs.

* SEP 25, 1985 23h 19m 00.85± 1.05s
36.600 N ±14.4km 71.152 E ±10.8km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.30	210	eP	20	48.00	0.0
			eS	22	06.00	
DMN	14.83	123	eP	22	30.70	0.6
	0.6s		14.00nm			4.5mb
KKN	14.83	122	eP	22	29.20	-0.9
	0.6s		14.00nm			4.5mb
PKI	15.05	123	eP	22	33.40	0.3
	0.7s		11.00nm			4.3mb
NB2	44.37	323	P	27	09.60	0.0
	0.4s		0.50nm			3.7mb

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

& SEP 25, 1985 23h 49m 55.70s
35.590 N 120.783 W
DEPTH = 2.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.0 (BRK).

PHAM	0.40	52	eP	50	03.90	0.3
PRI	0.56	10	iPd	50	06.70	-0.2
			eS	50	16.20	
PRS	0.88	327	eP	50	11.60	-1.7
			i	50	12.60	
LLA	1.03	353	iPd	50	15.20	-0.8
			eS	50	31.60	
BLP	1.07	163	eP	50	15.50	-1.1
SAO	1.29	336	iP	50	18.10	-2.2
SLD	1.52	347	eP	50	22.30	-1.7
FRI	1.65	32	eP	50	23.90	-1.8
			eS	50	44.10	

25d 23h

GCC 1.73 326 eP 50 23.90 -3.2
WKTM 1.92 63 eP 50 28.00 -1.7
JAS1 2.35 7 iPc 50 34.30 -1.7
11 obs. associated

• SEP 26, 1985 00h 17m 35.57± 0.82s
38.566 N ±11.2km 75.036 E ±13.8km
DEPTH = 10.0km (geophysicist)
4.5mb (5 obs.)
SOUTHERN XINJIANG, CHINA (321)

NDI 10.02 169 eP 20 04.50 1.9
eS 22 02.00
QUE 10.69 221 eP 20 11.00 -1.0
KKN 13.74 138 eP 20 52.80 -0.2
0.5s 10.00nm 5.0mb
DMN 13.80 139 eP 20 54.00 0.2
0.5s 6.00nm 4.7mb
PKI 13.98 139 eP 20 54.90 -1.4
0.6s 5.00nm 4.5mb
KHC 44.43 364 eP 25 50.50 2.4X
NB2 44.71 322 P 25 49.40 -0.9
0.7s 2.90nm 4.3mb
EKA 53.05 316 P 26 56.00 1.3
0.8s 3.20nm 4.3mb
MBC 65.10 4 eP 28 18.00 0.0
S.D. = 1.3 on 8 of 9 obs.

• SEP 26, 1985 01h 14m 01.44± 1.02s
37.716 N ±13.8km 72.043 E ±10.9km
DEPTH = 33.0km (normal)
4.5mb (4 obs.)
TAJIK SSR (715)

QUE 8.62 211 eP 16 07.00 0.0
eS 17 43.00
NDI 9.99 153 eP 16 31.00 5.2X
eS 18 12.00
KKN 14.88 128 eP 17 31.00 -0.4
0.5s 13.00nm 4.5mb
DMN 14.90 129 eP 17 32.10 0.4
0.4s 16.80nm 4.7mb
PKI 15.12 128 eP 17 34.60 0.0
0.4s 11.80nm 4.5mb
NB2 43.92 322 P 22 06.50 0.0
0.9s 1.30nm 3.7mb
S.D. = 0.4 on 5 of 6 obs.

& SEP 26, 1985 02h 53m 39.10s
31.930 N 115.890 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.5 (PAS).

ENX 0.66 266 iPd 53 51.52 -0.8
S 54 01.05
PBX 0.73 255 iPd 53 52.83 -0.8
S 54 03.74
IKP 0.74 346 iPd 53 53.00 -0.9
iS 54 03.30
BAR 1.00 319 iPc 53 57.30 -1.1
iSc 54 10.90
CPE 1.39 313 iPc 54 03.90 -1.2
iSd 54 22.80
GLA 1.44 38 iP 54 03.00 -2.7
SDW 2.85 340 eP 54 30.00 3.9
VPEM 4.32 339 e(P) 54 54.00 7.1
8 obs. associated

• SEP 26, 1985 03h 15m 52.00± 0.84s
27.946 N ±10.2km 140.812 E ±15.0km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI 1.48 125 eP 16 26.00 9.4X
MAT 8.85 346 eP 17 59.00 -1.6
0.9s 11.76nm 5.0mb X
eS 19 48.00
MDJ 18.90 335 eP 20 13.50 1.2
NJ2 19.45 287 Pc 20 19.20 0.5
SNY 19.74 319 eP 20 22.00 0.2
BAG 21.94 243 eP 20 23.00 -21.7X
eS 24 54.00
QCP 22.62 238 eP 21 04.00 12.8X
BJI 23.64 397 eP 21 03.00 2.0
eS 25 17.00
eSS 26 10.00
HHC 27.21 306 eP 21 34.50 -0.3
XAN 27.93 291 eP 21 41.50 0.2
BTO 28.25 305 eP 21 44.80 0.6
CD2 32.31 284 eP 22 18.40 -1.9
GTA 35.70 299 eP 22 46.00 -3.5X
WMO 45.09 305 eP 24 04.00 -2.9X
PSI 47.18 245 ePc 24 21.80 -1.8
WB2 48.02 188 eP 24 30.50 0.5
WRA 48.02 188 Pc 24 30.60 0.6
0.8s 4.90nm 4.6mb
INK 62.77 25 eP 26 22.00 6.1X
LRM 81.08 43 eP 28 05.10 -0.5
ZOBO 150.86 73 ePKP 35 49.00 10.8X
LPB 151.01 73 (PKP) 35 45.00 6.8X
CNCB 151.23 73 (PKP) 35 39.00 0.3
S.D. = 1.2 on 14 of 22 obs.

? SEP 26, 1985 04h 05m 12.98± 1.09s
25.546 N ±14.7km 100.132 E ±38.3km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
YUNNAN PROVINCE, CHINA (318)

CHG 6.79 190 eP 06 53.00 0.1
NDI 20.63 284 e(P) 10 11.00 18.8X
eS 11 59.00
WB2 56.13 140 eP 14 51.70 -0.1
KJF 59.67 331 eP 15 17.00 0.9
SUF 60.30 329 iP 15 21.90 1.5
0.4s 1.70nm 4.5mb
SOD 60.35 335 iP 15 26.00 5.3X
NUR 61.00 327 eP 15 23.00 -2.2
SLL 66.58 327 (P) 16 22.00 20.2X
0.6s 5.10nm
NB2 67.48 328 P 16 07.40 -0.2
0.6s 1.40nm 4.2mb
S.D. = 1.6 on 6 of 9 obs.

? SEP 26, 1985 04h 05m 50.40± 7.13s
36.328 N ±54.3km 27.768 E ±38.0km
DEPTH = 33.0km (normal)
DODECANESE ISLANDS (369)

YER 0.91 27 iPg 06 07.30 0.5
iSg 06 16.30
ELL 1.77 76 ePn 06 18.50 -0.9
IZM 2.10 349 iPn 06 24.60 0.6
BCK 2.53 63 ePn 06 31.00 0.9
DST 3.34 11 ePn 06 40.20 -1.4
S.D. = 1.4 on 5 of 5 obs.

• SEP 26, 1985 04h 16m 21.19± 0.33s
15.958 S ±12.0km 173.240 W ±10.0km
DEPTH = 33.0km (normal)
4.8mb (9 obs.)
TONGA ISLANDS (173)

AFI 2.48 35 P 16 54.00 -6.2X
S 17 20.00
VUN 8.20 254 eP 18 28.90 8.1X
DZM 20.14 249 iPc 20 54.70 -0.8
NOU 20.19 249 iPc 20 57.00 1.0
KOU 21.83 255 iPd 21 12.80 0.2
MNG 26.45 200 eP 21 56.70 -0.3
CTA 38.67 258 eP 23 45.00 1.2
WB2 49.86 257 eP 25 12.80 -0.8
WRA 49.87 257 Pd 25 13.00 -0.7
0.5s 2.50nm 4.5mb
SBA 62.71 185 eP 26 45.60 0.9
0.9s 10.08nm 4.9mb
KLB 64.11 242 iPd 26 53.70 -1.1
0.3s 6.00nm 5.2mb
PAS 72.29 46 eP 27 58.00 12.4X
MWC 72.41 46 eP 27 52.00 5.5X
PLM 72.76 47 eP 28 00.00 11.4X
SBB 72.83 45 eP 28 00.00 11.2X
ISA 72.94 44 eP 27 50.00 0.5
JAS1 72.99 41 eP 27 49.30 -0.3
• 28 02.30
ORV 73.31 39 e(P) 27 50.40 -1.0
• 28 02.70
WDC 73.32 38 e(P) 27 52.30 0.8
e 28 04.20
CLC 73.62 44 eP 28 05.00 11.6X
MIN 73.73 39 e(P) 27 54.30 0.3
GSC 73.87 45 eP 27 54.00 -0.9
GLA 74.05 48 eP 27 48.00 -7.9X
SPA 74.14 180 eP 27 55.50 -9.2
1.0s 11.00nm 4.8mb
MNA 74.73 42 e(P) 28 00.80 0.9
e 28 12.60
EUR 76.73 42 iP 28 12.50 1.1
1.0s 1.92nm 4.1mb
PNT 80.40 32 eP 28 31.00 0.2
0.8s 11.00nm 4.9mb
ALO 81.04 50 eP 28 34.00 -0.8
1.3s 9.62nm 4.6mb
LRM 82.36 38 eP 28 34.60 -6.9X
BDW 82.57 42 eP 28 40.00 -2.6
1.1s 4.71nm 4.5mb
COL 82.91 11 eP 28 43.00 -0.6
0.7s 19.18nm 5.3mb
EDM 85.88 31 eP 28 59.50 0.7
INK 88.77 14 eP 29 13.00 0.6
KRA 144.35 345 ePKP 36 02.30 6.8X
CLL 144.38 353 e(PKP) 35 55.00 -0.5
SPC 145.08 344 ePKP 36 07.00 10.0X
MOX 145.18 355 ePKP 35 57.00 0.1
ENN 145.27 1 ePKP 35 57.50 0.5
MEM 145.43 1 PKP 35 57.90 0.6
PRU 145.48 351 PKP 35 58.50 1.1
e 36 12.50
NAI 145.74 243 ePKP 36 03.00 3.7X
0.6s 21.33nm
DOU 145.91 2 PKP 35 59.90 1.7X
GRF 146.16 355 ePKP 36 01.20 2.6X
KHC 146.45 352 PKP 36 01.50 2.3X
1.0s 10.50nm
e 36 33.00
ZST 146.74 347 ePKP 36 03.00 3.4X
FLN 146.75 9 ePKP 36 01.10 1.5X
SRO 146.83 346 ePKP 36 02.50 2.8X
GRR 147.06 9 ePKP 36 02.20 2.1X
LPF 147.38 10 ePKP 36 03.20 2.6X
CDF 147.63 359 ePKP 36 04.60 3.5X
HAU 148.04 1 ePKP 36 05.50 3.8X
LOR 148.69 4 ePKP 36 07.00 4.2
SSF 148.87 4 ePKP 36 07.80 4.8X
MFF 148.91 9 ePKP 36 07.40 4.3X
LBF 148.98 4 ePKP 36 07.80 4.5X
OGA 148.98 354 ePKP 36 08.70 5.2X
AVF 149.13 5 ePKP 36 08.00 4.6X
BGF 149.32 5 ePKP 36 08.70 5.0X
LSF 149.48 7 ePKP 36 08.60 4.6X
TCF 149.52 6 ePKP 36 08.90 4.8X
MZF 149.63 6 ePKP 36 09.40 5.2X
RJF 150.41 8 ePKP 36 11.20 5.8X
LPG 150.55 0 ePKP 36 12.80 6.8X
LFF 150.67 9 ePKP 36 11.70 5.9X
LPO 150.98 8 ePKP 36 12.60 6.3X
SKO 151.16 337 ePKP 36 14.00 7.4X
VAY 151.27 335 ePKP 36 13.00 6.2X
LWI 151.69 232 iPKPc 36 14.90 6.4X
CDR 152.36 2 ePKPc 36 17.10 8.7X
EPF 152.46 10 ePKP 36 15.80 7.2X
S.D. = 0.9 on 29 of 70 obs.

SEP 26, 1985 05h 04m 36.33± 0.51s
24.026 S ± 5.6km 66.694 W ± 8.8km
DEPTH = 213.8 ± 5.3 km
4.0mb (2 obs.)
SALTA PROVINCE, ARGENTINA (129)

SLA 1.30 123 iPc 05 09.70 -0.4
S 05 35.20
HJA 1.43 56 iPc 05 11.90 0.9
FSA 2.14 163 iPd 05 17.00 -0.6
(S) 05 48.00
YJA 2.15 31 iPd 05 19.00 0.8
S 05 51.00
VCA 4.89 196 ePd 05 50.00 -0.4
S 06 48.10
CCH 6.63 5 P 06 12.40 -0.5
S 07 26.00
CNCB 7.28 350 iP 06 22.00 0.4
S 07 44.00
LPB 7.57 350 P 06 25.80 0.5
S 07 49.00
ZOBO 7.83 350 P 06 27.80 -1.1
0.7s 8.23nm 4.0mb
VAO 18.12 91 eP 08 34.80 -0.3
e 08 56.50
BAO 19.46 68 iPd 08 49.40 0.5

BMA	20.73	91	eP	09 02.40	0.9	
SOB1	28.70	63	eP	10 15.10	-0.7	
ITR	30.99	65	eP	10 34.60	-1.2	
SPA	66.12	180	e(P)	15 03.90	1.4	
KIC	67.49	72	eP	15 11.40	-0.2	
ALQ	69.72	326	eP	15 25.20	0.1	
	0.9s		3.36nm		4.1mb	
	S.D. = 0.8		on 17 of 17 obs.			
? SEP 26, 1985 05h 53m 13.77± 1.34s						
36.008 N ±38.5km 69.415 E ±33.4km						
DEPTH = 33.0km (normal)						
4.3mb (4 obs.)						
HINDU KUSH REGION (718)						
NDI	9.84	136	ePn	55 36.00	0.0	
			ePg	56 12.00		
			eSn	57 02.50		
			eSg	57 57.00		
DMN	15.74	118	eP	56 54.60	-0.2	
	0.5s		10.00nm		4.2mb	
KKN	15.76	117	eP	56 55.10	0.1	
	0.5s		12.00nm		4.3mb	
PKI	15.98	117	eP	56 58.10	0.1	
	0.5s		11.00nm		4.2mb	
HFS	42.67	322	(P)	01 08.60	0.0	
	0.5s		3.00nm		4.3mb	
	S.D. = 0.2		on 5 of 5 obs.			
? SEP 26, 1985 06h 32m 56.22± 6.45s						
39.298 N ±12.8km 28.836 E ±66.2km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
DST	0.35	332	iPg	33 03.80	0.4	
			iSg	33 08.30		
KCT	1.02	339	ePn	33 15.40	-0.1	
EDC	1.29	325	ePn	33 19.80	-0.3	
IZM	1.52	234	ePn	33 23.60	0.1	
KGT	1.65	315	ePn	33 25.20	-0.1	
	S.D. = 0.4		on 5 of 5 obs.			
& SEP 26, 1985 06h 43m 01.01s						
60.365 N 153.519 W						
DEPTH = 166.4km						
SOUTHERN ALASKA (2)						
<AGS-P>.						
ILM	0.40	117	iP	43 23.40	0.9	
			eS	43 41.30		
RDT	0.59	69	iP	43 24.35	-0.7	
PDB	0.67	211	iP	43 24.38	-1.0	
			eS	43 42.28		
SPU	1.09	41	iP	43 27.78	-0.7	
CRP	1.13	36	iP	43 28.66	-0.2	
NNL	1.16	105	eP	43 28.65	-0.3	
			eS	43 51.90		
NKA	1.19	70	iP	43 29.74	0.6	
			eS	43 51.35		
CGLM	1.20	37	iP	43 28.97	-0.5	
SVW	1.27	307	eP	43 28.80	-1.3	
CNPM	1.42	125	iP	43 30.66	-0.8	
			eS	43 55.40		
BRLK	1.45	113	eP	43 30.51	-1.2	
SLKM	1.64	84	iP	43 31.78	-1.9	
			eS	43 56.35		
SUA	1.75	50	iP	43 33.63	-1.3	
			eS	43 59.82		
SKT	1.89	30	iP	43 35.80	-0.5	
SEW	2.05	96	iP	43 36.41	-1.6	
MPA	2.07	85	iP	43 36.26	-2.0	
PMS	2.13	64	eP	43 36.80	-2.3	
PWA	2.19	52	eP	43 37.70	-2.0	
PTE	2.27	75	eP	43 38.19	-2.4	
			eS	44 08.66		
PLRM	2.47	58	eP	43 40.40	-2.6	
PMR	2.47	58	eP	43 41.90	-1.1	
PME	2.53	58	eP	43 40.70	-3.0	
PWL	2.60	77	eP	43 42.00	-2.7	
GHO	2.64	56	iP	43 42.64	-2.6	
KDC	2.68	168	eP	43 42.50	-3.0	
KNK	2.69	65	iP	43 43.04	-2.7	
			eS	44 17.32		
TTA	2.84	336	iP	43 45.72	-1.9	
KNIM	2.87	88	eP	43 45.30	-2.7	
SML	2.91	58	eP	43 45.85	-2.6	
LOU	2.92	85	eP	43 45.48	-3.0	
CFI	2.94	71	eP	43 46.55	-2.2	
MTU	2.96	95	eP	43 47.69	-1.3	
GLI	3.21	78	eP	43 50.02	-2.1	
			eS	44 28.18		
SCM	3.35	61	eP	43 51.75	-2.3	
HIN	3.48	86	eP	43 54.13	-1.6	
VZW	3.49	75	eP	43 53.37	-2.5	
FID	3.50	81	eP	43 52.59	-3.3	
KLU	3.88	70	IP	43 58.32	-2.5	
TOA	3.96	61	IP	44 00.56	-1.3	
GLB	4.86	73	eP	44 11.85	-1.8	
FBA	5.26	28	eP	44 15.80	-3.0	
IMA	5.73	359	eP	44 24.00	-1.2	
42 obs. associated						
SEP 26, 1985 07h 27m 51.13± 0.10s						
34.693 S ± 3.4km 178.656 W ± 2.9km						
DEPTH = 51.6km (10 depth phases)						
6.3mb (54 obs.)						
SOUTH OF KERMADEC ISLANDS (179)						
Ms 7.0 (BRK), 6.8 (PAS), 6.8						
(PAL). Felt on Raoul Island.						
Also felt in the eastern and						
southern ports of North Island						
and at Christchurch and Dunedin,						
South Island, New Zealand.						
FAULT PLANE SOLUTION: P-Waves						
NP1:Strike=225 Dip=50 Slip= 40						
NP2: 107 61 132						
Principal Axes:						
T Plg=53 Azm= 70						
P 6 168						
Comment: The focal mechanism is						
moderately well controlled and						
corresponds to strike-slip						
faulting with a large reverse						
component. The preferred fault						
plane is not determined.						
MOMENT TENSOR SOLUTION						
Dep 56 No. of sta: 10						
Moment Tensor; Scale 10**26 d-cm						
Mrr= 1.96 Mtt=-2.66						
Mff= 0.70 Mrt= 0.36						
Mrf=-0.62 Mtf=-0.03						
Principal axes:						
T Val= 2.24 Plg=67 Azm= 79						
N 0.45 22 272						
P -2.68 4 180						
Best Double Couple:Mo=2.5*10**26						
NP1:Strike=248 Dip=45 Slip= 58						
NP2: 110 53 118						
CENTROID, MOMENT TENSOR (HRV)						
Data Used: GDSN						
L.P.B.: 18S, 42C M.W.: 11S, 24C						
Centroid Location:						
Origin Time 07:27:58.9 0.2						
Lat 34.79S 0.02 Lon 178.40W 0.02						
Dep 61.0 1.0 Half-duration 10.4						
Moment Tensor; Scale 10**26 D-CM						
Mrr= 1.51 0.04 Mtt=-1.06 0.03						
Mff=-0.45 0.03 Mrt= 0.64 0.04						
Mrf=-0.37 0.05 Mtf=-1.96 0.03						
Principal Axes:						
T Val= 2.09 Plg=51 Azm= 46						
N 0.66 39 233						
P -2.75 3 140						
Best Double Couple:Mo=2.4*10**26						
NP1:Strike=196 Dip=54 Slip= 39						
NP2: 81 60 137						
GNZ	4.76	213	P	29 03.00	0.9	
RAO	5.46	7	P	29 07.00	-5.0X	
			S	29 21.00		
KRP	5.69	234	P	29 17.20	2.0X	
TRZ	6.05	215	P	29 20.00	-0.2	
CRZ	7.15	270	iPd	29 41.00	5.3X	
MNG	7.52	216	P	29 38.20	-2.6	
WEL	8.38	216	P	29 50.90	-1.7	
COB	9.33	224	P	30 04.00	-1.7	
CIZ	9.39	171	P	30 03.60	-2.9	
			S	31 43.00		
KKZ	10.55	212	P	30 11.00	-11.3X	
			eS	31 48.00		
CMZ	11.15	215	P	30 29.00	-1.5	
			S	32 25.00		
MSZ	14.34	222	P	31 11.80	-0.9	
SVA	16.71	350	ePd	31 42.40	-0.8	
			eS	32 22.40		
VUN	16.82	350	iPd	31 42.30	-2.3	
			eS	32 44.30		
NDF	17.22	347	iP	31 49.00	-0.6	
NOU	17.96	309	iPc	32 02.00	3.3X	
DZM	18.14	310	iPd	32 04.40	3.4X	
YSA	18.24	348	iPd	31 53.90	-8.3X	
CBZ	19.86	202	P	32 23.80	3.4X	
			S	35 49.90		
PVC	20.50	322	iPc	32 28.50	1.1	
KOU	20.61	309	iPc	32 30.70	2.2X	
RAR	21.37	56	P	32 35.00	-1.1	
			S	36 28.00		
AFI	21.61	18	iPc	32 37.00	-1.7	
			S	36 32.00		
RIV	24.92	263	iPc	33 15.20	4.4X	
			eS	37 30.00		
MCQ	25.23	211	iPd	33 17.90	4.5X	
BRS	25.48	279	P	33 20.00	3.9X	
			e	33 32.00	47km	
WAM	26.43	257	iPc	33 29.70	4.9X	
			e	53 26.80		
			eP'P'	06 22.00		
CAN	26.44	259	iPc	33 28.70	3.7X	
			iPcP	36 48.20		
			e	53 25.30		
			eP'P'	96 21.90		
YOU	27.11	261	eP	33 33.60	2.5X	
TAU	27.61	243	iPc	33 38.00	2.5X	
			i	33 57.50	86kmX	
			eS	38 18.00		
			e	40 51.00		
TBI	27.82	74	eP	33 36.00	-1.5	
	1.2s		280.00nm		5.8mb	
RMQ	29.12	277	eP	33 52.00	2.7X	
AFR	30.90	64	iP	34 03.40	-1.6	
	1.2s		370.00nm		6.0mb	
PAE	30.96	64	iP	34 03.90	-1.7	
	1.2s		390.00nm		6.0mb	
PPT	31.03	64	iP	34 04.30	-1.9	
	1.2s		380.00nm		6.0mb	
			ipP	34 25.00	90kmX	
TVO	31.13	65	iP	34 05.80	-1.4	
	1.2s		400.00nm		6.0mb	
PPN	31.16	64	iP	34 05.90	-1.4	
BFD	31.37	254	iPc	34 12.10	3.1X	
	1.0s		786.00nm		6.4mb	
HNR	31.87	317	eP+	34 12.00	-1.6	
			eS	39 20.00		
VSG	32.15	317	eP	34 14.00	-2.1	
SVO	32.18	317	eP	34 16.00	-0.3	
STK	33.20	263	iPc	34 27.20	2.1	
PMO	33.90	62	iP	34 29.70	-1.5	
	1.2s		390.00nm		6.2mb	
			ipP	34 50.40	89kmX	
VAH	33.94	63	iP	34 29.80	-1.8	
	1.2s		260.00nm		6.0mb	
			ipP	34 50.60	89kmX	
TPT	34.12	63	iP	34 31.40	-1.7	
	1.2s		390.00nm		6.2mb	
			ipP	34 52.10	89kmX	
RUV	34.16	63	iP	34 31.80	-1.6	
	1.2s		195.00nm		5.9mb	
CTA	34.19	286	iPc+	34 35.00	1.2	
			iS	39 46.00		
ADE	34.80	257	iPd	34 41.10	2.2	
	1.1s		898.73nm		6.6mb	
PAA	36.98	314	iPd	34 56.00	-1.5	
			eS	35 22.00		
BGA	37.28	314	iPd	34 58.70	-1.4	
			eS	35 25.00		
ISO	39.25	280	iPc	35 18.00	1.5	
RKT	39.66	85	iP	35 18.80	-1.0	
	1.2s		415.00nm		6.1mb	
DRV	39.99	204	eP	35 24.30	2.4	
			e	06 23.00		
PMG	40.13	301	iPc+	35 24.60	0.9	
	1.2s		1468.75nm		6.7mb	
RAB	40.65	312	eP	35 28.00	0.0	
			iS	41 12.00		
LAT	42.18	303	eP	35 41.50	1.0	
SBA	43.73	184	iPc+	35 55.70	3.3X	
	1.1s		318.99nm		6.0mb	
Z	22s		107.26um		6.7Msz	
WB2	43.87	277	eP	35 52.10	-2.2	
			iS	42 35.80		
WRA	43.88	277	Pd	35 55.50	1.1	

26d 07h

1.0s 377.80nm 6.1mb
MDG 44.03 304 eP 35 56.50 1.0
KLG 49.88 257 eP 36 41.00 -0.4
MTN 50.25 283 iPc 36 43.90 -0.4
KNA 50.58 278 iPc 36 46.90 0.1
0.7s 390.00nm 6.5mb
e 37 04.00 67kmX
RKG 52.25 251 eP 36 57.00 -2.3
0.7s 118.00nm 6.0mb
e 52 20.00
NWAO 52.47 253 iPc 37 00.70 -0.3
KLB 52.54 254 iPc 37 01.10 -0.4
SLKI 52.97 288 ePc 37 05.20 0.4
eS 39 02.50
MUN 53.63 253 iPc 37 09.20 -0.3
1.3s 1808.00nm 6.9mb
BAL 53.75 255 iPc 37 09.80 -0.6
0.6s 69.00nm 5.9mb
e 37 25.00 57km
MEK 53.87 260 iPc 37 10.70 -0.7
MRWA 54.86 256 iPc 37 18.20 -0.4
0.7s 320.00nm 6.5mb
MBL 55.24 267 iPc 37 20.60 -0.8
SPA 55.49 190 eP 37 22.60 -0.3
e 07 25.00
HPO 57.82 26 P 37 40.00 0.4
KUPT 57.84 280 ePd 37 41.20 1.2
0.9s 496.20nm 6.6mb
AAI 58.04 290 ePc 37 38.70 -2.7
e 07 27.10
KKH 58.19 25 P 37 44.00 1.8
HON 59.06 23 P 37 48.90 0.7
GUA 59.14 318 e(P) 37 46.00 -2.9
1.2s 1850.00nm 7.1mb
PP 38 01.40
GUMO 59.20 318 e(P) 37 46.10 -3.3X
PJG 59.20 318 e(P) 37 46.60 -2.8
MKS 64.02 282 iPc 38 20.40 -1.5
i(S) 49 54.00
DAV 67.01 297 iPc+ 38 39.00 -2.0
1.0s 568.00nm 6.5mb
iS 47 30.00
MAW 68.11 201 iPc 38 48.30 1.1
eS 48 10.00
TRT 68.16 276 iPc 38 48.40 0.1
1.5s 3061.70nm 7.1mb
AIA 68.24 156 eP 38 48.50 0.5
BKB 68.41 284 iPc 38 47.90 -1.9
0.5s 384.00nm 6.6mb
AAS 72.20 155 eP 38 55.00 -17.1X
1.0s 1240.00nm
Z 19s 31.00um 6.6Msz
e 39 29.00 138kmX
(PP) 41 16.00
S 46 34.00
e 49 02.00
e 50 15.00
SYO 72.84 193 iP 39 16.60 0.8
KKM 73.42 290 ePc 39 19.30 -0.8
0.9s 278.30nm 6.2mb
PPR 73.86 294 ePd 39 23.00 0.5
1.1s 150.00nm 5.8mb
SNA 75.26 179 iPc 39 30.70 1.0
1.0s 518.00nm 6.4mb
OCP 75.33 300 iP 39 37.00 6.1X
MAN 75.34 300 eP 39 29.90 -1.1
MVI 76.66 315 eP 39 38.00 -0.2
eS 49 21.00
BAG 76.87 301 iPc+ 39 37.90 -1.9
SZP 77.72 301 ePd 39 24.00 -20.2X
PIP 78.13 302 ePd 39 45.50 -1.0
1.0s 139.00nm 5.9mb
TOK 80.06 327 eP 39 55.00 -1.6
OYM 80.07 326 eP 39 55.00 -1.7
SRY 80.21 326 eP 39 56.10 -1.3
DDR 80.57 327 eP 39 55.00 -4.4X
OSA 81.24 323 Pc 40 03.60 0.8
eS 50 10.00
KGM 81.31 279 ePc 40 04.10 0.4
1.3s 1068.30nm 6.6mb
e 40 34.90 120kmX
MAT 81.47 326 iPc+ 40 03.40 -0.6
1.0s 390.00nm 6.3mb
eS 50 07.00
TATO 82.09 308 eP 40 07.20 -0.3
1.5s 756.76nm 6.5mb
OIT 82.10 320 Pc 40 08.50 1.2
eS 50 19.00
ANP 82.21 308 iP+ 40 08.00 -0.2
iS 50 17.00
MIY 82.43 330 eP 40 10.00 1.1
SHK 82.55 321 iPc 40 09.70 0.0
eS 43 15.30
SAG 82.82 319 eP 40 12.00 1.0
QZH 83.98 306 iPc 40 17.50 0.3
sP 40 40.50
S 50 38.00
sS 51 03.00
URA 84.25 332 eP 40 20.00 1.9
e 50 40.00
KUS 84.35 334 eP 40 20.00 1.4
e 50 38.00
SAN 84.37 127 P 40 20.20 1.0
IPM 84.65 279 ePd 40 18.10 -2.7
1.3s 693.00nm 6.6mb
e 40 31.00 43km
OBI 84.74 333 eP 40 22.00 1.5
RFA 84.98 129 ePd 40 22.20 -0.1
HKC 85.28 301 iP 40 25.20 1.5
iS 50 47.00
PSI 85.29 277 iPc 40 23.50 -0.5
SAP 85.58 332 iP 40 26.10 1.4
eS 51 05.00
MCO 85.60 301 iP 40 28.00 2.7
TSI 86.04 277 ePc 40 29.00 1.3
0.9s 778.60nm 6.9mb
ADK 86.23 1 P 40 28.20 0.5
QIZ 86.35 296 iPc 40 30.00 0.9
sP 40 54.00
GZH 86.37 301 Pc 40 30.50 1.4
sP 40 57.00
S 50 54.00
SNG 86.48 281 iPc+ 40 31.00 1.2
1.7s 2923.08nm 7.2mb
Z 22s 65.19um 7.0Msz
N 20s 50.71um
E 20s 67.02um
i 44 41.00
SSE 86.53 312 iP+ 40 30.00 0.3
5.0s 3.20nm 3.8mb X
Z 22s 42.20um 6.8Msz
N 20s 21.00um
E 20s 8.20um
sP 40 54.00
PP 44 12.00
PPP 45 56.00
SKS 50 50.00
S 51 11.00
sS 51 48.00
PS 52 24.00
SS 57 12.00
VBA 86.81 135 ePc 40 30.30 -0.9
CFA 87.12 127 ePc 40 33.00 0.1
SMY 87.29 356 eP 40 33.50 0.7
Z 20s 435.00um 7.9Msz
SYP 88.05 45 iP+ 40 38.00 0.8
e 44 10.00
ePS 53 02.00
ePKKP 58 10.00
e 06 36.00
YSS 88.44 335 P 40 40.00 1.5
PRS 88.54 43 ePc 40 40.20 0.9
NJ2 88.63 311 iPc 40 41.00 1.2
sP 41 05.00
iPP 44 11.00
SKS 51 06.00
GCC 88.70 42 ePc 40 40.70 0.7
PHAM 88.74 44 P 40 42.40 2.1
BAR 88.74 48 iP+ 40 41.00 0.6
ePKKP 58 23.00
e 06 34.00
PRI 88.81 43 iPc 40 41.90 1.2
e 41 07.00 93kmX
e 42 28.50
ePKKP 58 23.50
SAO 88.81 42 ePc 40 40.90 0.3
e 40 50.50 30kmX
PCC 88.83 41 iPc 40 41.10 0.5
PAS 88.85 46 iP+ 40 41.00 0.2
ePP 44 07.00
eSKS 51 08.00
ePS 52 40.00
ePPS 53 09.00
eSS 57 00.00
ePKKP 58 20.00
eSS 01 01.00
iLg 04 12.00
e 06 30.00
VCA 88.96 125 ePd 40 43.00 1.1
MWC 88.97 46 iP+ 40 42.00 0.3
ePKKP 58 23.00
e 06 26.00
LLA 88.99 43 ePc 40 42.20 0.7
PLM 89.09 48 iP+ 40 42.00 -0.2
ePS 53 07.00
ePKKP 58 21.00
e 06 34.00
MHC 89.12 42 ePc 40 43.00 0.8
i 40 58.00 51km
ePKKP 58 21.00
BRK 89.17 41 iPc 40 42.70 0.5
ePKKP 58 20.50
BKS 89.18 41 ePc 40 42.80 0.5
1.0s 565.00nm 6.8mb
Z 20s 63.00um 7.0Msz
N 20s 60.00um
E 20s 7.00um
ePP 44 19.00
eS 51 34.00
ePS 52 36.00
eSS 56 54.00
ePKKP 58 22.00
eSSS 02 04.00
LQ 04 22.00
eLR 08 00.00
ARN 89.19 42 iP 40 43.20 0.8
RVR 89.22 47 eP 40 43.00 0.4
e 44 13.00
ePKKP 58 22.00
e 06 31.00
ZSP 89.22 41 eP 40 43.50 1.0
SBB 89.43 46 iP+ 40 44.00 0.3
e 44 08.00
ePS 53 10.00
ePKKP 58 21.00
e 06 31.00
ISA 89.73 45 iP+ 40 45.00 0.0
ePS 53 10.00
ePKKP 58 20.00
e 06 25.00
FRI 89.95 43 iPc 40 46.30 0.4
e(PP) 44 35.50
ePKKP 58 17.70
e 06 20.00
GLA 90.13 49 eP 40 47.00 0.1
ePS 53 12.00
ePKKP 58 19.00
e 06 24.00
PCT 90.19 288 iPc 40 48.90 1.5
1.1s 146.80nm 6.2mb
e 44 21.00
e 58 36.00
JAS1 90.22 42 iPc 40 47.50 0.3
i 41 21.50 132kmX
e 42 27.50
ePP 44 41.50
eS 51 57.00
ePKKP 58 18.10
e 06 27.00
NNT 90.31 285 ePc 40 49.20 1.2
CLC 90.34 45 iP+ 40 48.00 0.1
e 44 38.00
e 06 28.00
e 06 42.00
FHC 90.40 38 ePc 40 49.00 1.0
e 41 21.90 127kmX
GSC 90.46 46 iP+ 40 49.00 0.6
ePS 53 14.00
ePKKP 58 19.00
e 06 22.00
WHN 90.50 307 iPc 40 50.60 2.0
pP 41 08.00 61km
sP 41 16.00
SKS 51 17.00
CYA 90.77 126 iPc 40 50.50 0.3
ORV 90.79 41 iPc 40 49.80 0.0
eS 52 04.00
ePKKP 58 15.80
e 06 16.00
WDC 90.99 39 iPc 40 51.00 0.4
e 41 25.00 131kmX

			eS	52	04.00		
			ePKKP	58	15.00		
MIN		91.31	40	ePc	40	51.80	-0.5
				ePKKP	58	10.50	
				eP'P'	06	16.00	
LPA		91.33	135	iPd+	40	52.00	-0.6
		1.0s	800.00nm			7.1mb	
	Z	20s	17.02um			6.5Msz	
NOP		91.41	46	P	40	53.60	0.8
LOE		91.53	290	eP	40	54.60	0.4
DL2		91.73	318	iPc	40	55.00	1.0
				sP	41	19.00	
				SKS	51	23.50	
NST		91.77	288	iPc	40	56.10	1.4
MNA		91.84	43	iPc	40	55.00	0.2
				e	41	15.00	72kmX
				ePP	44	56.00	
				eS	52	19.00	
				e(PKKP	58	04.00	
				eP'P'	06	10.00	
MDJ		91.85	326	iPc	40	56.00	1.5
				pP	41	12.50	57km
				PP	44	34.00	
				SKS	51	23.00	
				S	51	47.00	
OXM		92.13	68	iPc	40	58.00	1.3
FSA		92.15	124	iPc	40	58.00	1.5
KHT		92.47	286	iPc	40	59.50	1.6
TIA		92.49	313	Pc	40	59.30	1.7
				pP	41	14.00	50km
				sP	41	22.50	
				SKS	51	28.00	
				S	51	57.00	
IIC		92.73	68	eP	41	01.00	1.5
SNY		92.75	321	iPc	40	59.30	0.7
				s?	41	25.00	
				SKS	51	28.00	
GYA		93.21	300	Pc	41	02.50	1.2
VHO		93.22	71	ePd	41	03.00	1.4
CN2		93.22	323	P	41	01.00	0.2
				pP	41	18.50	61km
SLA		93.38	123	ePd	41	02.20	-0.2
BDT		93.55	288	iPc	41	00.10	-2.8
		0.6s	207.10nm			6.7mb	
BMN		93.74	42	iP	41	03.80	0.3
EUR		93.80	44	iP	41	03.80	-0.1
ARE		94.23	113	iPc	41	07.00	0.4
HJA		94.43	122	ePd	41	09.00	2.0
CHG		94.50	290	iPc+	41	08.80	1.6
		1.1s	178.48nm			6.4mb	
				e	45	58.00	
KDC		94.68	14	P	41	07.40	0.2
BFW		94.97	35	P	41	09.70	0.8
YJA		95.03	121	ePd	41	12.20	1.8
LTX		95.15	58	iP	41	10.20	0.0
		1.5s	405.71nm			6.6mb	
SHW		95.22	36	P	41	11.60	1.5
KMI		95.26	297	iPc+	41	12.00	1.1
	E	20s	23.70um				
				pP	41	25.00	43km
				sP	41	36.00	
				PP	44	33.00	
				SKS	51	45.00	
				S	52	30.00	
TPZ		95.34	121	iPc	41	13.80	2.1
				i	41	36.00	81kmX
MSU		95.36	46	P	41	12.00	0.9
BJI		95.59	316	Pc+	41	12.50	0.7
	Z	21s	21.60um			6.6Msz	
	N	20s	19.90um				
				epP	41	26.00	45km
				ePP	44	59.00	
				SKS	51	43.00	
				S	52	10.00	
				sS	52	34.00	
				eSS	58	18.00	
LON		95.83	35	P	41	13.00	0.2
GMW		95.94	34	P	41	12.60	-0.7
XAN		96.26	307	iPc	41	16.30	1.2
PHC		96.27	30	eP	41	16.00	1.5
TIY		96.31	312	iPc	41	16.40	1.1
PGC		96.44	33	eP	41	16.00	0.6
CNCB		96.65	116	iP	41	19:00	1.0
				i	41	27.90	28kmX
ALQ		96.67	52	eP	41	16.00	-1.1
		1.1s	101.27nm			6.3mb	
	Z	20s	43.26um			6.9Msz	

LPB		96.74	115	Pc	41	18.70	0.5
		1.6s	253.33nm			6.5mb	
	Z	25s	23.69um			6.6MszX	
				PP	45	13.00	
				SKS	51	53.00	
				Lg	08	10.00	
				LR	12	20.00	
ZOBO		96.88	115	iPd	41	19.20	0.2
		1.6s	275.69nm			6.5mb	
MFW		96.90	38	P	41	18.20	0.6
DAU		97.13	45	P	41	14.40	-4.8X
CCH		97.65	117	Pc	41	22.00	-0.1
				i	41	34.00	39kmX
CD2		97.90	302	eP	41	23.40	0.9
				sP	41	48.00	
JCT		98.54	59	eP	41	24.20	-1.2
		0.9s	50.42nm			6.0mb	
	Z	18s	61.86um			7.1Msz	
TMI		98.61	43	P	41	27.00	1.4
PNT		98.69	35	eP	41	26.00	0.4
		1.0s	106.00nm			6.3mb	
HHC		98.81	314	P	41	26.60	0.2
PMR		98.90	14	P	41	26.30	0.1
	Z	18s	37.14um			6.9Msz	
PME		98.95	14	eP	41	26.30	-0.2
		1.8s	142.80nm			6.2mb	
	Z	20s	49.00um			7.0Msz	
TTA		98.97	10	eP	41	26.50	-0.1
NEW		99.16	37	eP	41	27.00	-0.8
	Z	18s	52.00um			7.1Msz	
BTO		99.58	313	iPc	41	30.40	0.4
BDW		99.60	44	iP	41	30.20	0.0
		1.0s	37.00nm			5.9mb	
LRM		99.93	41	ePc	41	31.30	-0.4
PSO		100.00	95	eP	41	33.50	0.6
GOL		100.23	49	ePdiff	41	33.00	-0.3
		1.5s	75.47nm			6.0mb	
	Z	20s	42.50um			6.9Msz	
GLD		100.35	49	ePdiff	41	34.00	0.2
		2.0s	254.55nm			6.4mb	
	Z	20s	48.00um			7.0Msz	
LZH		100.82	306	iPdiff	41	37.50	1.6
		2.5s	644.00nm			6.8mb	
	N	17s	3.70um				
	E	19s	19.10um				
				sP	42	04.00	
				PP	45	26.00	
				SKS	52	06.50	
				S	52	14.50	
				sS	52	42.00	
COL		102.17	13	ePdiff	41	41.00	0.0
		1.0s	52.50nm			6.1mb	
	Z	20s	58.09um			7.1Msz	
				e(S)	52	44.00	
FBA		102.17	13	ePdiff	41	40.00	-1.0
UPA		102.53	88	ePdiff	41	43.00	-0.7
	Z	19s	25.35um			6.8Msz	
	N	19s	9.03um				
	E	19s	6.94um				
				i	52	20.00	
OCO		102.99	56	ePdiff	41	45.70	0.4
SES		103.56	38	ePdiff	41	46.00	-1.6
SHL		103.66	292	iPdiff	41	48.30	-0.5
VVO		104.07	57	e(Pdif	41	50.00	-0.2
BHO		104.17	58	e(Pdif	41	48.30	-2.3
EDM		104.22	34	ePdiff	41	49.50	-0.9
		1.5s	139.00nm			6.6mb	
TUL		104.34	56	ePdiff	41	56.70	5.4X
		1.4s	30.40nm			6.0mb	
	Z	18s	74.30um			7.3Msz	
RLO		105.01	56	ePdiff	41	54.40	0.1
GTA		105.32	307	Pdiff	41	57.20	1.4X
VIS		106.34	280	iPdiff	42	02.00	1.5
BMG		106.80	93	ePdiff	41	54.00	-8.9X
				eS	46	25.00	
KOD		107.13	271	ePKP	46	13.40	-0.5
KOD		107.13	271	ePdiff	42	05.00	0.4
INK		108.05	16	ePdiff	42	07.00	0.0
INK		108.05	16	ePKP	46	30.00	16.3X
		1.0s	110.00nm				
RDJ		108.79	137	ePdiff	42	12.40	1.0
GBA		108.97	274	PKPd	46	16.80	-0.1
		0.6s	15.90nm				
GBA		108.97	274	Pdiff	42	13.00	0.7
				e	46	16.70	
FVM		109.09	57	ePdiff	42	12.00	-0.4
PKI		109.66	290	ePdiff	42	16.30	0.7

		0.9s	52.00nm				
SDV		109.81	93	ePKP	46	04.10	-14.8X
KKN		109.87	290	ePdiff	42	17.20	0.8
DMN		109.92	290	ePdiff	42	17.60	0.9
		1.1s	105.00nm				
HYB		110.04	278	ePdiff	42	17.00	-0.1
				e	49	36.00	
				e	56	34.00	
HYB		110.04	278	ePKP	46	19.00	0.0
FFC		110.57	37	ePdiff	42	23.00	4.4X
SUR		110.82	198	iPdiff	42	20.00	-0.5
RSCP		111.37	61	ePdiff	42	25.00	2.3
		2.0s	585.59nm				
RSCP		111.37	61	ePKP	46	38.30	17.3X
		1.5s	153.17nm				
PRM		113.02	64	ePKP	46	24.00	-0.2
RSON		113.10	43	ePKP	46	22.20	-1.6
CAR		113.74	94	ePdiff	42	34.00	0.2
CAR		113.74	94	ePKP	46	25.90	-0.4
		0.8s	35.82nm				
BFS		114.18	205	e(Pdif	42	16.50	-19.0X
				i	46	27.50	
POO		114.46	276	ePdiff	42	38.50	1.7
				iS	47	49.50	
LHC		114.63	47	ePKPd	46	25.50	-1.3
SLR		114.70	207	ePdiff	42	25.00	-12.9X
	Z	20s	42.73um			7.0Msz	
				i	46	28.50	
WMO		115.40	307	Pdiff	42	44.00	3.5X
				PP	47	32.00	
BLA		115.81	61	ePdiff	42	44.80	2.4
	Z	20s	33.69um			7.0Msz	
NDI		116.57	288	ePdiff	42	46.00	0.1
				eS	57	18.00	
NDI		116.57	288	iPKP	46	30.00	-1.2
				ePP	47	38.00	
				eSKS	53	34.00	
				iPS	57	18.00	
				ePPS	57	44.00	
MBC		116.71	13	iPKPc	46	29.20	-0.8
		0.7s	103.00nm				
SJG		118.36	87	e(PKP)	46	30.00	-4.9X
		0.9s	33.61nm				
	Z	20s	9.93um			6.4Msz	
BUL		119.62	210	iPKPc	46	37.30	-0.1
				ipPKP	47	09.00	
BIM		120.71	93	ePKP	46	38.03	-1.4
FDF		120.76	93	ePKP	46	38.77	-0.7
SOB1		120.81	129	ePKP	46	38.90	-0.8
				e	46	55.30	
				e	47	02.20	
				e	47	16.40	
MVM		120.87	93	ePKP	46	38.60	-1.1
TET		120.88	217	ePKP	46	42.00	2.4
				ePcP	48	15.00	
				eScS	56	42.00	
				e	59	33.00	
CRM		120.96	93	ePKP	46	39.30	-0.5
MTD		121.29	214	iPKPd	46	43.10	2.5
GMTN		121.70	60	iPKP	46	40.00	-0.5
				i	46	58.50	
				i	48	19.50	
				e	57	03.50	
KSH		121.85	298	ePdiff	43	12.00	2.7X
KSH		121.85	298	PKP	46	42.00	0.9
				PP	48	31.00	
PAL		121.94	60	ePdiff	43	12.00	2.5X
PAL		121.94	60	PKP	46	40.50	-0.5
KRI		122.14	212	ePKP	46	41.40	-0.8
OTT		122.14	54	iPKPd	46	40.70	-0.5
		1.0s	290.00nm				
				pP	46	59.00	
RSNY		122.68	55	iPKP	46	41.40	-0.9
		2.0s	259.43nm				
	Z	20s	21.75um			6.0Msz	
ITR		122.71	131	ePKP	46	42.20	-1.0
				i	46	43.10	
				e	46	48.40	
				e	46	54.80	
				i	47	31.60	
				e	48	30.10	
MNT		123.58	55	ePKP	46	42.50	-1.5
		1.2s	200.00nm				
CAI		125.24	131	ePKP	46	48.40	0.2
QUE		125.32	285	e(Pdif	43	28.00	2.9X
				i	46	48.90	
HNME		127.55	55	iPKP	46	50.50	-1.2

26d 07h

ALE	127.56	9	iPKPc	46	49.60	-1.2				i	47	41.80		CLO	160.60	309	ePKPc	47	45.00	-0.6
	1.4s	579.00nm								i	47	53.20		VAL	160.85	22	PKP	47	46.00	0.4
FRB	129.31	33	iPKPd	46	53.50	-0.9	NB2	152.88	349	PKP	47	34.50	-1.2	PSZ	160.86	319	iPKP	47	45.60	-0.3
	1.2s	333.00nm					HYA	153.33	355	iPKP	47	44.40	8.2X		2.0s	714.30nm				
		pP	50	52.40			SUE	153.53	356	iPKP	47	45.30	8.9X	MMB	161.12	298	iPKPc	47	45.00	-1.3
SCH	129.77	44	ePKP	46	54.10	-1.6	MBO	153.90	136	iPKPc	47	40.20	1.9	ETA	161.21	14	iPKPc	47	46.00	0.0
	1.6s	440.00nm					ASK	154.07	356	ePKP	47	46.30	9.1X		2.0s	1140.00nm				
NAI	131.19	230	iPKPd	46	51.00	-8.8X	BER	154.16	355	ePKP	47	46.60	9.3X	SRS	161.33	297	ePKP	47	45.70	-0.8
	1.5s	83.33nm					HLW	154.23	268	iPKPc	47	36.00	-2.4				ePP	48	29.90	
GDH	134.29	24	iPKPd	47	02.00	-1.8	KONO	154.45	350	iPKP+	47	37.00	-0.8	SSR	161.37	309	ePKP	47	46.00	-0.4
	1.8s	363.64nm					ODD	154.49	354	iPKP	47	47.70	9.8X	CLL	161.37	337	iPKP	47	45.60	-0.6
	Z 20s	38.30um				7.1Msz	KMY	155.34	355	ePKP	47	48.90	10.0X	ECB	161.40	16	iPKPc	47	46.00	-0.2
		i	49	36.00			KDE	155.47	295	ePKP	47	37.00	-2.7X	BRG	161.42	334	iPKPc	47	46.00	-0.3
LWI	135.13	221	iPKPc	46	55.30	-12.0X	BCK	156.24	285	iPKP	47	38.40	-2.6X		Z 20s	28.00um				
ARO	135.83	249	iPKP+	47	09.80	1.4	GPA	156.41	292	iPKP	47	40.00	-1.1		N 20s	14.00um				
SHI	136.76	278	ePKP	47	09.00	-0.9	ELL	156.75	283	iPKP	47	41.50	-0.3		E 20s	27.00um				
DAG	136.85	7	ePKP	47	07.00	-1.5	HRT	156.84	294	iPKP	47	40.60	-1.1				id	48	04.90	
		i	47	25.00			CFR	157.03	305	ePKPc	47	40.00	-1.6				ic	48	32.80	
		i	50	12.00			CLI	157.13	309	ePKP	47	40.00	-1.8				i	48	52.00	
AAE	137.29	242	ePKP	47	12.20	0.7	ISK	157.27	294	iPKP	47	41.80	-0.3				e	50	47.00	
STJ	138.10	55	ePKP	47	11.50	-0.1	TLB	157.28	304	ePKPd	47	42.50	0.5				eSKKS	59	16.00	
TEH	139.46	256	ePKP	47	09.00	-5.7X	PSN	157.42	301	iPKPd	47	43.00	0.9	WIT	161.49	350	iPKPc	47	47.00	0.8
KEV	142.16	346	iPKP	47	13.80	-4.5X	DOC	157.45	310	iPKP	47	41.50	-0.6				e	48	06.00	
	0.9s	125.00nm					WAR	157.50	327	PKP+	47	40.00	-2.0				e	48	33.00	
		eSKP	50	24.00				Z 26s	270.00um				8.0MszX				e	48	45.00	
		ePKS	50	40.00						e	48	00.00					ePP	52	17.00	
		eSKS	54	04.00						e	51	42.00					epPP	52	30.00	
		eS	57	28.00						e	05	16.00					epPPP	56	19.00	
		ePS	00	14.00			MUD	157.58	349	iPKPd	47	41.90	0.0	BUD	161.59	319	iPKPc	47	46.00	-0.5
		epPS	01	50.00				1.6s	390.00nm						2.0s	555.60nm				
		e	03	08.00						i	48	14.00		ECP	161.66	15	iPKPc	47	46.30	-0.1
		e	04	22.00			BRD	157.66	307	ePKP	47	44.00	1.6		2.0s	1440.00nm				
		esSS	09	32.00			COP	157.66	343	iPKPc+	47	41.70	-0.4	ATH	161.69	287	iPKPc	47	46.40	-0.5
KER	142.55	283	ePKP	47	15.00	-5.2X		1.3s	330.77nm					SRO	161.76	321	iPKP	47	46.90	0.2
TRO	143.68	350	iPKPd	47	18.00	-2.8				i	48	14.00			N 21s	29.10um				
SOD	144.17	344	iPKP	47	19.50	-2.3	CTT	157.73	295	iPKP	47	41.90	-0.8		E 22s	31.70um				
		e	58	07.00			VRI	157.74	308	ePKPd	47	42.00	-0.5				i	48	05.00	
		e	02	09.00			DST	157.75	291	iPKP	47	41.30	-1.5				i	48	21.80	
BHD	144.48	280	iPKPd	47	23.00	-0.3	KCT	157.90	292	iPKP	47	48.40	5.5X				i	48	47.50	
		iPP	47	42.50			EDU	157.94	6	PKPc	47	41.30	-1.1				i	52	44.00	
		iS	51	02.50						i	48	15.30		KNT	161.83	297	ePKP	47	46.20	-0.8
		iLQ	54	00.80			YER	158.07	284	iPKP	47	42.80	-0.5	THE	161.90	295	ePKPc	47	46.00	-1.1
BNG	145.93	212	iPKPc	47	25.90	-0.5	DMK	158.13	297	ePKP	47	40.50	-2.6X	PRU	161.91	332	PKPc	47	46.30	-0.5
	0.7s	911.00nm					EAB	158.15	9	iPKPc	47	41.80	-0.9		2.1s	287.00nm				
		id	48	53.30			EBH	158.19	7	iPKPc	47	41.80	-0.9		Z 22s	37.60um				
		id	50	30.00						e	48	17.10			N 19s	16.50um				
		id	52	05.20			BNT	158.22	293	ePKP	47	42.40	-0.9		E 19s	12.50um				
MSL	146.13	285	iPKP	47	26.00	-0.1	EDC	158.26	293	iPKP	47	42.80	-0.5				i	48	06.10	
		i	47	40.00			MLR	158.39	307	ePKPc	47	42.00	-1.5				i	48	47.00	
		iPP	48	00.00			EDI	158.54	7	ePKPc	47	42.10	-1.0				PP	52	20.00	
		e	50	07.50						e	48	17.50					SKKS	59	20.00	
		eS	50	54.00			EAU	158.59	7	iPKPc	47	42.60	-0.6	VAY	162.03	298	iPKPc	47	46.00	-1.2
		eSS	51	13.00						e	48	19.30					i	48	33.00	
KJP	146.36	339	iPKP	47	24.80	-0.7	ESY	158.60	6	ePKPc	47	42.40	-0.8	ZST	162.12	324	ePKP	47	47.20	0.2
		eSKP	50	40.00			BUC	158.66	304	iPKPc	47	46.00	2.4				i	48	05.50	
		ePKS	51	00.00			KGT	158.67	293	iPKP	47	42.40	-1.3				i	48	37.50	
		eS	57	52.00			EBL	158.70	7	iPKPc	47	42.70	-0.6				i	49	00.20	
		ePS	01	02.00						e	48	18.60					i(PP)	51	23.00	
		epPS	02	12.00			BUC1	158.72	304	iPKPc	47	40.00	-3.6X				e	56	05.50	
		esS	09	32.00			IZM	158.87	288	iPKP	47	43.60	-0.5				e	56	26.50	
AKU	146.87	15	iPKPc	47	26.20	-0.1	MSR	158.91	310	ePKP	47	45.00	1.1	BEO	162.20	310	iPKP	47	47.10	-0.1
	1.1s	977.22nm					BMR	158.97	315	ePKPd	47	45.00	1.2				iS	00	05.10	
		i	47	29.20			EKA	159.13	7	PKP	47	43.00	-0.7				iPS	01	55.90	
REY	147.27	19	ePKP	47	27.10	0.1		1.5s	165.40nm					BEO	162.20	310	iPKP	47	47.10	-0.1
		i	47	29.50			KRA	159.49	324	ePKPc	47	44.10	-0.2				iS	00	05.10	
RTB	147.74	278	iPKPd	47	30.00	1.2		1.8s	667.00nm								iPS	01	55.90	
		iPP	48	20.00				Z 22s	51.80um				7.3Msz	WTS	162.26	349	iPKPc	47	47.00	0.0
		iS	51	28.00				N 22s	22.40um						1.8s	750.00nm				
SUF	147.94	339	iPKP	47	27.40	-0.7		E 22s	39.00um								i	48	06.00	
NUR	150.09	357	iPKP+	47	31.00	-0.5				e	47	58.10					e	48	35.00	
	1.0s	24.00nm								i	48	04.20					e	48	49.00	
	Z 24s	46.70um				7.2MszX				i	48	23.50					ePP	52	18.50	
		ePKS	51	08.00						e	02	38.00					epPP	52	33.00	
		e	52	24.00			EZN	159.49	292	iPKP	47	44.20	-0.4				epPPP	56	18.00	
		eSKS	54	16.00			COZ	159.50	308	ePKPc	47	45.00	0.3				e	00	12.00	
		eS	58	00.00			PRK	159.59	290	ePKP	47	44.50	-0.3	LIT	162.37	294	ePKP	47	46.20	-1.4
		ePS	01	24.00			DIM	159.67	298	iPKPd	47	44.00	-0.8	DBN	162.38	352	iPKP+	47	47.00	-0.1
		ePPS	03	18.00			PVL	159.68	302	iPKPc	47	44.00	-0.7				i	48	09.00	
		esSS	11	28.00			SPC	159.89	322	iPKP	47	45.80	0.7				i	48	34.00	
KIC	151.25	167	iPKP	47	35.20	0.5	KDZ	159.93	297	iPKPc	47	45.00	-0.1				e	48	57.00	
		e	01	29.20			NPS	160.11	279	iPKPd	47	46.90	1.4				e(PKS)	51	15.00	
HRI	151.52	277	iPKP	47	34.90	0.2	BRL	160.28	338	ePKP	47	46.50	1.5				ePP	52	15.00	
MGI	151.58	275	iPKP	47	34.99	0.3	PLD	160.29	299	ePKP	47	35.00	-10.4X				epPP	52	34.00	
BHL	151.72	278	PKPc	47	34.50	-0.4	BRN	160.35	338	iPKPc	47	45.50	0.4				e	53	36.00	
		e	47	42.00			SRE	160.50	307	ePKP	47	46.00	0.4				ePPP	56	26.00	
RMN	151.72	271	iPKP	47	34.06	-0.9	KSP	160.54	331	iPKPc	47	45.00	-0.4				eSKKS	02	06.00	
UPP	152.66	342	iPKPc	47	34.30	-1.0				i	51	55.00					eSPP	05	53.00	

			e	10	30.00			SNF	164.05	353	PKP	47	49.00	0.1		ATE	171.47	10	PKPc	47	55.40	1.2
			eSS	12	20.00						e	48	43.00			ESCF	171.49	10	PKPc	47	55.20	0.9
			e	12	56.00						e	49	05.80			ISSF	171.51	11	PKPc	47	56.00	1.6
			e	16	28.00						PP	52	26.00			JAU	171.56	9	PKPc	47	55.80	1.4
			eSSS	19	16.00			VLS	164.13	288	ePKP	47	49.70	0.3		EPF	171.64	5	IPKPc	47	55.40	1.1
MOX	162.39	338	IPKPc+	47	46.00	-1.3		ZAG	164.27	319	IPKPc	47	49.40	0.2		LGR	171.68	20	iPKP	47	57.50	3.2X
	2.1s		467.00nm								ISKS	59	04.00						IPKKP	49	39.50	
	Z 22s		34.80um								iS	59	45.50						IPP	53	06.50	
	N 22s		28.70um					BHG	164.38	330	IPKPc	47	48.40	-0.9					IPPP	57	36.00	
	E 24s		14.70um					DOU	164.42	352	PKPd+	47	49.90	0.6		MLS	171.74	1	iPKPc	47	54.90	0.6
			i	48	05.00				Z 22s		37.30um					EPLA	172.02	46	PKP	47	56.20	1.7
			i	48	36.00						e	48	10.00			AVE	172.59	98	IPKPc	47	57.00	2.1
			i	48	50.00						e	48	44.80						i	53	12.00	
			ePP	52	15.00						PP	52	29.00						i	57	09.50	
			eSKS	55	00.00						e	52	55.00			GUD	172.63	35	PKP	47	57.00	2.1
			eSKKS	59	24.00			FUR	164.64	334	ePKP	47	48.60	-1.0		EVAL	172.85	64	PKP	47	57.00	2.1
			eSKSP	02	52.00			KBA	164.68	327	IPKPc	47	47.90	-2.0		TOL	173.27	38	iPKP+	47	57.00	2.0
			e	05	36.00				1.8s		306.00nm								IPKKP	49	42.00	
			ePPS	06	00.00						ipPKP	48	07.50						iPP	53	21.00	
			eSS	12	40.00						i	48	43.60						ipPP	54	12.00	
			eSSS	19	00.00						i(PP)	52	38.50						IPPP	57	20.00	
VKA	162.44	325	IPKPc	47	47.20	-0.2					i	52	45.70						iSKKS	59	00.00	
	4.0s		5373.00nm					LJU	164.87	322	IPKP	47	49.40	-0.4					IPPS	07	30.00	
			IpPKP	48	05.60			GWF	164.99	344	ePKP	47	49.40	-0.5					iSS	14	38.00	
HOF	162.59	337	ePKP	47	46.70	-0.8		BUH	165.12	342	ePKPc	47	49.20	-0.8		EHOR	173.83	58	PKP	47	57.00	1.7
	Z 22s		38.70um					VOY	165.20	324	ePKPc	47	48.70	-1.5		EBR	173.85	6	IPKP	47	56.00	0.8
SKG	162.66	301	IPKPc	47	47.40	-0.4		TRI	165.49	323	ePKP	47	47.30	-3.0X		IFR	174.50	101	iPKPc	47	58.50	2.6
	1.9s		630.00nm								i	48	12.60						i	48	18.00	
	Z 20s		0.60um								i	48	45.40						i	48	33.00	
	N 20s		23.00um								i	52	36.40			CRT	175.28	57	iPKPc	47	57.00	1.2X
	E 21s		18.60um								i	59	30.00			AFC	175.28	56	PKP	47	56.50	0.5
			i	48	05.00						i	03	12.00			ALI	176.06	21	IPKP+	47	58.00	2.2
			i	48	37.00						i	08	27.00						ePP	53	28.00	
			iPP	52	15.50						i	09	53.00			ALM	176.23	54	ePKP	47	57.90	2.0
			iPPP	56	25.00						i	13	00.00						eS	53	50.00	
			eSKKS	59	19.00						i	14	28.00			ENIJ	176.32	51	PKP	47	57.50	1.6
SOP	162.73	323	IPKPc	47	46.90	-0.8		CDF	165.60	344	ePKP	47	49.80	-0.6		ABA	177.49	327	iPKP	47	58.00	1.8
	2.0s		368.70nm					OGA	165.81	332	IPKPc	47	50.10	-0.7			S.D. = 1.1		on 448 of 507 obs.			
KZN	162.86	295	ePKP	47	47.70	-0.5		FLN	165.88	5	IPKPc	47	50.80	0.3								
KHC	162.97	332	IPKPc	47	47.50	-0.5		FEL	165.92	341	ePKP	47	50.20	-0.6		? SEP 26, 1985 07h 40m 14.64± 2.27s						
	1.7s		445.00nm					VITF	166.05	347	ePKP	47	50.80	0.2		34.878 S ±25.2km 178.867 W ±26.6km						
	Z 21s		22.90um					LDF	166.07	4	IPKPc	47	50.90	0.2		DEPTH = 33.0km (normal)						
	N 20s		7.10um					SAX	166.09	337	ePKP+	47	50.60	-0.5		SOUTH OF KERMADEC ISLANDS (179)						
	E 21s		10.30um					ZUL	166.17	340	ePKP+	47	50.30	-0.6								
			e	48	06.00			HAU	166.18	346	iPKPc	47	50.80	0.0		KRP	5.44	234	eP	41	35.00	-0.5
			e	48	39.10			GRR	166.22	6	IPKPc	47	51.10	0.3					S	42	36.00	
			e	52	34.60			BSF	166.25	344	ePKP	47	50.70	-0.3		CRZ	6.98	271	P	41	58.90	1.7
			SKKS	59	12.00			OSS	166.30	334	ePKP+	47	50.70	-0.5		NOU	17.95	310	iPc	44	26.50	3.3X
BNS	163.20	347	IPKPc	47	47.90	-0.1		ROF	166.37	344	ePKP	47	51.00	0.0		DZM	18.13	311	iPc	44	29.30	3.7X
	2.0s		280.00nm					BBS	166.43	342	ePKP	47	50.80	-0.3		KOU	20.59	309	iPc	44	52.70	-0.7
JCK	163.25	349	ePKPc	47	47.90	-0.1		LLS	166.54	337	ePKP+	47	50.90	-0.5		WB2	43.72	277	eP	48	17.00	-1.6
			ed	48	39.40			LPF	166.55	7	IPKPc	47	51.20	0.1		YKA	109.78	26	ePKP	58	47.50	4.5X
GRF	163.34	337	iPKPc	47	48.00	-0.3		TMA	167.25	336	ePKP+	47	51.20	-0.7		SUF	148.05	338	IPKP	59	55.30	1.1
	Z 21s		28.00um					LOR	167.30	352	iPKPc	47	51.70	0.0		NUR	150.19	337	IPKP	00	00.80	3.3X
OHR	163.38	298	iPKPc	47	47.70	-0.9		SSF	167.54	353	iPKPc	47	52.10	0.2			0.8s		35.20nm				
			i	48	06.30			MMK	167.59	338	ePKP+	47	52.40	0.1					i	90	09.90	
			i	48	39.40			DIX	167.73	340	ePKP+	47	52.50	0.1		NB2	153.03	349	PKP	00	07.20	5.4X
KMR	163.59	328	iPKP+	47	48.00	-0.6		AVF	167.82	353	iPKPc	47	52.00	-0.1			0.9s		12.00nm			
			i	48	06.40			EMS	167.87	341	ePKP+	47	52.30	-0.1			S.D. = 1.9		on 5 of 10 obs.			
			i	48	55.60			SMF	167.91	352	iPKPc	47	52.00	-0.2								
			i	52	21.00			MFF	168.05	5	iPKPc	47	52.50	0.3		? SEP 26, 1985 08h 01m 58.76± 2.10s						
			i	56	30.00			BGF	168.09	355	iPKPc	47	52.60	0.3		35.224 S ±14.3km 178.262 W ±24.7km						
ENN	163.59	350	ePKPc	47	48.00	-0.4		LPG	168.45	341	IPKPc	47	53.10	0.2		DEPTH = 33.0km (normal)						
	2.0s		542.00nm					MZF	168.45	356	iPKPc	47	52.70	0.2		4.5mb (1 obs.)						
			e	48	07.00			PLDF	168.60	352	iPKPc	47	52.90	0.2		EAST OF NORTH ISLAND, N.Z. (688)						
			e	48	41.00			PYM	168.88	354	iPKPc	47	53.30	0.4								
			e	48	53.50			SSB	169.15	348	IPKPc	47	52.90	-0.1		GNZ	4.53	220	eP	03	11.00	4.2X
			ePP	52	23.50						id	49	05.00						S	04	02.00	
			epPP	52	39.50			RJF	169.40	359	iPKPc	47	53.70	0.6		KRP	5.67	240	P	03	25.00	2.1
			epPPP	56	27.50			LFF	169.76	2	iPKPc	47	54.20	0.9					S	04	30.90	
			ePPP	00	14.00			PTO	169.85	48	IPKPc	47	54.60	1.2		MNG	7.31	221	P	03	45.80	-0.1
STB	163.61	348	iPKPc	47	47.90	-0.6					iPP	52	58.80						S	05	04.00	
			i	48	41.30						iSSP	15	36.00			CRZ	7.49	273	P	03	47.00	-1.5
TNS	163.63	344	ePKP	47	48.60	0.0		LPO	170.02	1	iPKPc	47	54.50	1.0		NOU	18.55	310	iPc	06	16.00	1.2
KLL	163.65	349	iPKPc	47	48.20	-0.3		FRF	170.24	337	iPKPc	47	53.70	0.1		DZM	18.73	310	iPc	06	18.30	1.2
			i	48	40.70			CDR	170.40	340	ePKPc	47	53.30	-0.4		KOU	21.20	309	iPc	06	43.40	-0.3
MEM	163.73	349	PKPc	47	48.40	-0.1					i	47	53.90			WB2	44.26	277	eP	10	05.20	-1.8
			e	48	07.40						i	48	12.40			WRA	44.27	277	Pd	10	05.70	-1.4
			e	48	40.70						i	49	11.30				0.8s		6.10nm			4.5mb
			e	49	08.90						i	52	53.10			SOB1	120.23	129	e(Pdif	17	40.00	27.6X
			PP	52	25.10						i	53	00.70			ITR	122.11	131	e(Pdif	17	38.00	17.2X
UCC	163.75	353	PKPc+	47	49.00	0.4					i	53	29.60						e	17	45.00	
			e	48	08.00			LMR	170.48	337	iPKPc	47	53.80	0.1		BNG	145.64	211	iPKPc	21	38.80	2.9X
			e	48	43.00			LIS	170.67	61	iPKPc	47	56.00	2.1			0.7s		7.00nm			
			PP	52	25.00			MADF	171.40	11	PKPc	47	55.25	1.0		KJF	146.97	339	iPKP	21	37.00	0.5
			e	52	50.00			BOH	171.40	12	PKPc	47	55.75	1.4			0.7s		10.70nm			
TTG	164.02	304	ePKP	47	48.00	-1.1		OGE	171.42	9	PKPc	47	55.35	1.2		SUF	148.55	339	iPKP	21	43.50	4.4X

26d 08h

0.6s 4.70nm
NUR 150.70 337 iPKP 21 51.80 9.4X
0.8s 16.20nm
S.D. = 1.0 on 9 of 15 obs.

SEP 26, 1985 08h 03m 24.54± 1.77s
18.333 N ± 4.3km 71.978 W ± 4.4km
DEPTH = 20.1 ± 13.4 km
4.9mb (23 obs.)
DOMINICAN REPUBLIC REGION (88)

HOJ	4.55	267	iP	04 33.57	-0.4
			iS	05 29.65	
STH	4.60	268	iP	04 34.77	-0.1
			iS	05 29.84	
PCJ	4.97	264	eP	04 40.53	0.5
			eS	05 30.94	
SJG	5.54	91	iPd	04 47.50	-0.6
CAR	9.19	147	iPnc	05 39.20	0.0
	0.9s	117.65nm		6.2mb	X
SDV	9.48	172	e(P)	05 43.40	0.1
UAV	9.70	175	eP	05 45.00	-1.3
UPA	11.84	219	eP	06 13.00	-2.4
			e	16 42.00	
BOG	13.78	189	eP	06 44.00	2.5
BHO	25.91	313	eP	08 58.20	1.1
RLO	27.01	316	e(P)	09 08.00	0.9
VVO	27.03	314	eP	09 06.90	-0.4
TUL	27.38	315	eP	09 10.90	0.4
	1.2s	52.20nm		5.1mb	
JCT	27.99	301	eP	09 18.50	2.3
	0.8s	7.46nm		4.5mb	
ZOBO	34.59	173	iP	10 16.00	1.0
LPB	34.86	173	Pc	10 18.30	1.2
	1.0s	36.00nm		5.2mb	
CNCB	35.14	173	iP	10 21.00	1.3
CCH	35.95	170	Pc	10 26.50	0.2
TPZ	40.02	171	iP	11 01.10	0.7
YJA	40.75	171	e(P)	11 06.40	-0.1
SOB1	41.11	129	eP	11 08.80	-0.3
			e	11 35.90	
BAO	41.20	144	Pc	11 10.10	0.2
JTR	42.68	126	eP	11 21.40	-0.5
SLA	43.26	171	eP	11 25.00	-1.7
SES	44.58	325	ePc	11 37.20	0.2
NEW	47.13	320	eP	11 56.00	-1.3
EDM	47.28	327	ePc	11 58.00	-0.4
VAO	47.80	148	eP	12 02.80	0.0
INK	62.71	338	eP	13 49.00	-1.0
MBC	62.78	349	iPc	13 49.60	-0.8
	0.6s	8.00nm		5.0mb	
EKA	63.08	37	P	13 57.00	4.3X
	1.0s	9.00nm		4.9mb	
LPF	63.90	45	eP	13 58.20	0.0
GRR	64.03	45	eP	13 59.30	0.2
	0.6s	6.90nm		5.0mb	
FLN	64.29	44	eP	14 01.00	0.3
	0.6s	6.30nm		4.9mb	
ALE	64.35	1	eP	13 59.00	-1.6
	0.7s	8.00nm		5.0mb	
MFF	64.49	47	eP	14 02.40	0.3
	0.7s	9.70nm		5.1mb	
LDF	64.52	44	eP	14 02.50	0.2
	0.6s	7.90nm		5.0mb	
EPF	64.90	50	eP	14 05.60	0.6
	0.9s	11.40nm		5.0mb	
LFF	65.13	48	eP	14 06.70	0.4
LPO	65.46	49	eP	14 08.60	0.2
	0.7s	6.60nm		4.9mb	
RJF	65.67	48	eP	14 09.80	0.0
TCF	66.13	47	eP	14 12.60	-0.1
	0.9s	9.00nm		4.9mb	
MZF	66.39	47	eP	14 14.20	-0.2
	1.0s	8.40nm		4.8mb	
KIC	66.44	91	eP	14 14.20	-1.0
BGF	66.56	47	eP	14 15.20	-0.2
	0.7s	5.30nm		4.8mb	
AVF	66.89	46	eP	14 17.20	-0.3
	1.0s	6.20nm		4.7mb	
SSF	66.99	46	eP	14 17.80	-0.3
	0.9s	6.50nm		4.8mb	
LOR	67.22	46	eP	14 19.20	-0.4
	0.7s	8.10nm		5.0mb	
SMF	67.24	46	eP	14 19.40	-0.4
	0.7s	5.50nm		4.8mb	
DOU	67.59	43	P	14 22.00	0.1
ENN	68.41	42	eP	14 27.00	0.0
HAU	68.86	45	eP	14 29.70	-0.1
WTS	68.91	41	iPd	14 30.80	0.8
	0.7s	22.00nm		5.4mb	
BSF	69.17	45	eP	14 31.40	-0.5
LPG	69.34	47	eP	14 33.70	0.5
	0.9s	7.20nm		4.8mb	
CDF	69.44	44	eP	14 33.40	-0.1
N82	70.86	31	P	14 41.40	-0.4
	1.0s	5.30nm		4.6mb	
BRG	73.46	41	iPc	14 57.90	0.5
	0.8s	12.00nm		5.0mb	
ZST	75.96	44	e(P)	15 13.00	1.2
KRA	77.38	41	eP	15 22.40	2.7X
NUR	77.44	30	eP	15 20.00	0.2
SUF	77.55	28	eP	15 21.00	0.6
OHR	80.21	50	eP	15 37.00	1.6
MNG	118.68	233	PKP	22 11.50	-1.5
			eS	23 28.00	
KKN	129.13	26	ePKP	22 33.60	-0.2
PKI	129.38	26	ePKP	22 33.60	-0.8
CTA	143.90	261	iPKPd	22 59.00	-2.0
	1.3s	43.27nm			
WB2	155.08	262	ePKP	23 18.30	0.3
			i	23 26.90	
WRA	155.09	262	PKPd	23 18.70	0.7
	1.1s	5.90nm			
S.D. = 0.9 on 67 of 69 obs.					

SEP 26, 1985 08h 33m 27.18± 0.22s
33.623 S ± 4.6km 71.598 W ± 4.7km
DEPTH = 47.0km (39 depth phases)
5.6mb (27 obs.) 5.7Msz (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (VI) at Son Antonio.

RFA	2.84	115	ePc	34 13.40	2.2
			e	34 20.40	
ZON	3.22	51	eP	34 21.00	4.5X
CFA	3.48	56	ePd	34 23.80	3.7X
			S	35 08.00	
VCA	5.67	32	ePd	34 53.00	1.8
			S	35 59.00	
CYA	7.17	46	iPc	35 10.40	-1.7
VBA	8.97	122	ePd	35 35.50	-1.6
SLA	10.34	33	ePd	35 53.00	-3.0X
			S	38 44.00	
			SS	39 10.00	
LPA	11.38	100	iPd+	36 10.80	0.9
	1.0s	832.00nm		6.8mb	X
			iS	39 12.80	
HJA	11.71	29	e(P)	36 12.00	-2.3
YJA	12.61	27	ePc	36 26.50	-0.4
TPZ	13.18	25	P	36 35.20	0.9
			i	36 48.20	
CCH	16.90	18	eP	37 21.00	-1.3
			i	37 28.60	
CNCB	17.06	12	iP	37 22.80	-1.7
			i	37 27.80	
LPB	17.31	11	iPd	37 29.80	2.3
ZOBO	17.56	11	iP	37 32.20	1.4
VAO	24.07	70	eP	38 39.40	0.1
			i	38 41.10	6kmX
			e	38 52.80	
			e	39 05.50	
BMA	26.46	73	eP	39 02.30	0.6
			e	39 06.10	13kmX
			e	39 09.10	
BAO	27.84	56	iPd	39 13.40	-1.0
			i	39 25.50	47km
AAS	29.76	168	eP	39 37.00	5.9X
PSO	35.05	350	eP	40 20.00	1.9
SOB1	37.26	56	eP	40 35.30	-1.0
			e	40 49.10	52km
			e	41 13.70	
			e	41 23.30	
ITR	39.31	59	eP	40 52.50	-1.0
			e	41 06.00	51km
BMG	40.49	358	eP	40 46.00	-17.3X
CAI	41.77	58	eP	41 13.60	-0.1
UAV	42.00	1	eP	41 19.20	3.5X
SDV	42.28	1	eP	41 18.00	-0.1
UPA	43.03	348	eP	41 21.00	-3.0
SJG	51.71	7	iPc	42 31.00	-0.8
	1.0s	160.00nm		6.0mb	
Z	19s	7.64um		5.7Msz	
SNA	51.79	156	eP	42 31.00	-0.9
	1.0s	332.00nm		6.3mb	
SPA	56.55	180	eP	43 05.20	-2.0
	1.0s	14.50nm		5.0mb	
SBA	63.52	192	e(P)	43 52.10	-2.3
PRM	68.10	350	P	44 22.50	-1.6
JCT	69.10	334	eP	44 29.20	-1.2
	1.2s	187.50nm		5.9mb	
			i	44 43.50	51km
LTX	69.59	330	iP	44 32.80	-0.7
	1.2s	66.67nm		5.0mb	
			ipP	44 46.50	48km
GFM	70.03	351	P	44 34.60	-1.5
RSCP	70.10	348	eP	44 35.30	-1.1
	1.0s	150.00nm		5.9mb	
			epP	44 48.80	47km
PAE	70.62	261	eP	44 40.00	0.1
	0.8s	45.00nm		5.5mb	
MBO	70.62	57	eP	44 42.10	2.2
PPT	70.66	261	eP	44 40.00	-0.2
	0.8s	75.00nm		5.7mb	
BLA	70.95	353	P	44 40.80	-0.7
BHO	71.08	340	ePc	44 41.70	-0.6
	1.6s	68.70nm		5.4mb	
			e	44 55.80	50km
CVL	71.53	354	P	44 45.40	0.5
POW	71.79	343	P	44 44.80	-1.7
VVO	72.23	339	eP	44 48.90	-0.3
ELC	72.43	345	P	44 48.60	-1.7
TUL	72.78	340	eP	44 51.20	-1.2
	0.8s	99.10nm		5.8mb	
RLO	72.80	340	eP	44 49.20	-3.3X
OCO	72.93	338	e(P)	44 52.70	-0.6
FVM	73.36	345	eP	44 54.00	-1.8
	1.0s	85.00nm		5.6mb	
			epP	45 08.00	49km
MAW	73.44	163	eP	44 55.00	-0.9
KIC	74.62	71	eP	45 03.00	-0.5
	0.6s	159.00nm		6.1mb	
SUR	74.69	119	iPc	45 05.00	1.0
	0.7s	136.99nm		6.0mb	
ALQ	75.63	331	P	45 08.40	-0.7
	1.5s	73.20nm		5.4mb	
			pP	45 22.70	50km
WIN	76.83	108	iPc	45 16.50	0.2
	0.9s	79.83nm		5.7mb	
DRV	77.15	192	eP	45 16.20	-0.8
GLA	77.79	324	eP	45 20.00	-1.0
RSNY	77.85	358	eP	45 21.80	0.8
	1.0s	32.00nm		5.3mb	
			epP	46 36.00	321kmX
BAR	78.42	322	eP	45 26.00	1.5
MIM	78.53	2	P	45 24.80	0.1
OTT	78.73	357	eP	45 27.00	1.2
MNT	78.78	359	eP	45 26.50	0.5
PLM	79.05	323	eP	45 28.00	-0.1
			e	45 42.00	48km
GLD	79.36	334	eP	45 30.50	0.8
	1.0s	70.00nm		5.6mb	
			epP	45 44.00	46km
GOL	79.37	334	eP	45 29.10	-0.7
	1.0s	24.00nm		5.1mb	
HNME	79.48	3	eP	45 31.00	1.2
			epP	45 44.50	46km
RVR	79.82	323	eP	45 34.00	2.0
			e	45 46.00	40km
SDW	80.15	323	P	45 33.60	-0.3
PAS	80.34	322	eP	45 36.00	1.2
			e	45 49.00	44km
MWC	80.34	322	eP	45 35.00	-0.1
			e	45 49.00	48km
GSC	80.57	324	eP	45 36.00	-0.1
			e	45 50.00	48km
SBB	80.59	323	eP	45 36.00	-0.2
			e	45 50.00	48km
NOP	80.92	325	P	45 38.20	0.3
MSU	81.06	329	P	45 38.80	0.0
CLC	81.37	324	eP	45 40.00	-0.2
SYP	81.57	321	eP	45 43.00	1.6
			e	45 55.00	40km
VPEM	81.59	324	P	45 41.60	0.1
ISA	81.69	323	eP	45 44.00	2.1
			e	45 56.00	40km
BFS	81.99	117	iPc	45 44.00	0.1
	1.4s	348.84nm		6.2mb	
DAU	82.26	331	P	45 45.40	0.3
DUG	82.73	329	P	45 47.40	0.1
PRI	83.17	322	eP	45 50.50	0.9
			e	46 04.70	49km

LHC	83.19	348	eP	45	49.50	0.2
FRI	83.35	323	eP	45	50.30	0.0
			e	46	02.70	41km
EUR	83.54	327	IP	45	51.50	-0.1
	1.0s		10.58nm			4.8mb
BDW	83.60	333	eP	45	51.50	-0.4
	1.0s		18.00nm			5.1mb
			IpP	46	05.00	46km
LLA	83.68	322	eP	45	52.60	0.5
			e	46	07.00	50km
MNG	83.68	225	P	45	52.00	-0.2
PRS	83.68	322	eP	45	52.90	0.8
			e	46	07.20	49km
MNA	83.72	325	eP	45	52.30	-0.1
			e	46	06.40	48km
EVA	83.91	118	eP	45	54.50	0.7
	0.9s		75.63nm			5.7mb
JAS1	84.43	323	eP	45	56.10	0.3
			e	46	10.20	48km
GCC	84.54	322	eP	45	57.00	0.7
			e	46	11.20	49km
ARN	84.54	322	eP	45	57.80	1.4
			epP	46	12.50	51km
MHC	84.59	322	eP	45	57.50	0.7
			e	46	11.50	48km
BMN	84.87	327	eP	45	58.50	0.4
TMI	84.97	332	P	45	59.00	0.3
IMW	85.08	333	P	45	58.80	-0.5
PCC	85.10	322	eP	46	00.00	0.9
BKS	85.31	322	eP	46	01.80	1.6
	0.8s		22.00nm			5.4mb
			e	46	15.00	44km
BRK	85.32	322	eP	46	01.80	1.6
			e	46	14.90	44km
ORV	86.22	324	eP	46	05.50	0.8
			e	46	19.50	48km
RSON	86.35	346	eP	46	04.80	-0.3
	1.0s		38.00nm			5.6mb
			epP	46	18.20	45km
MIN	86.88	324	eP	46	07.40	-0.7
			e	46	20.00	42km
GAS	86.90	323	P	46	09.00	0.8
BUL	87.15	112	iPc	46	10.20	0.3
	0.9s		47.06nm			5.7mb
			ipP	46	15.00	15kmX
LRM	87.28	333	ePc	46	10.00	0.0
WDC	87.52	324	eP	46	09.90	-1.0
			e	46	24.20	49km
FHC	88.40	323	e(P)	46	16.00	0.8
			e	46	31.00	51km
KRI	89.82	110	eP	46	22.50	-0.2
			ipP	46	36.00	45km
SES	90.63	336	eP	46	24.00	-1.5
			pP	46	38.00	47km
NEW	91.11	332	eP	46	26.00	-1.7
MTD	91.38	111	iPc	46	33.20	3.4X
			ipP	46	47.20	47km
BNG	92.55	86	iPd	46	35.20	0.1
	0.8s		42.00nm			5.9mb
			id	46	54.30	68kmX
PNT	92.95	331	eP	46	37.00	0.9
	0.7s		8.00nm			5.3mb
EDM	93.79	336	ePc	46	39.50	-0.4
LWI	97.42	98	iPd	46	59.80	2.2
WB2	121.26	209	ePKP	52	14.80	-2.2
WRA	121.27	209	PKP	52	17.00	0.0
	0.9s		6.00nm			
KOD	143.30	122	ePKP	52	56.00	-2.9X
QUE	144.81	84	ePKP	53	01.00	0.0
GBA	145.54	118	PKP	53	01.10	-1.2
POO	145.71	107	ePKPc	53	02.40	-0.2
PSI	147.98	162	ePKPd	53	08.80	2.5X
	1.0s		110.40nm			
KGM	148.20	170	ePKPc	53	09.50	2.8X
			e	53	23.90	
HYB	148.75	114	ePKP	53	08.00	0.5
	1.0s		180.00nm			
			e	53	10.50	
			e	53	16.50	
			e	53	25.50	
IPM	150.30	165	ePKPd	53	13.00	3.1X
	1.1s		68.50nm			
SNG	152.71	163	ePKP	53	21.00	7.6X
NDI	152.92	92	ePKP	53	14.50	1.2
DMN	159.09	100	PKP	53	21.60	0.0
KKN	159.30	100	PKP	53	21.40	-0.4
	1.1s		29.00nm			

PKI	159.33	101	PKP	53	21.60	-0.4
	1.3s		40.00nm			
CHG	163.00	148	ePKP	53	27.00	1.5
KMI	170.20	148	PKPd	53	32.50	1.4
BJI	171.07	318	ePKP	53	31.00	0.2
LZH	175.52	55	ePKP	53	35.00	2.2
	S.D. = 1.1 on 122 of 135 obs.					
? SEP 26, 1985 08h 38m 53.74± 6.05s						
35.249 S ±18.4km 176.880 W ±73.6km						
DEPTH = 33.0km (normal)						
5.1mb (2 obs.)						
EAST OF NORTH ISLAND, N.Z. (688)						
GNZ	5.31	229	P	40	14.00	1.3
			S	41	06.00	
KRP	6.66	244	P	40	31.00	-0.8
			S	41	33.00	
MNG	8.07	226	P	40	51.00	-0.6
			S	42	12.00	
NOU	19.45	307	iPc	43	22.00	1.5
DZM	19.62	308	iPc	43	21.50	-1.0
KOU	22.11	306	iPc	43	47.60	-0.2
CTA	35.74	285	iPc	45	52.80	1.2
	1.3s		46.15nm			5.3mb
WB2	45.39	276	iPc	47	11.20	0.2
WRA	45.40	276	Pc	47	09.40	-1.7
	0.9s		14.10nm			4.9mb
SOD	145.11	344	ePKP	58	24.00	-4.3X
BNG	146.18	208	iPKPd	58	43.80	12.0X
	1.0s		20.00nm			
			id	58	57.90	
SUF	148.98	340	iPKP	58	49.30	14.6X
	0.5s		4.10nm			
NUR	151.16	338	iPKP	58	50.70	12.6X
	0.9s		16.90nm			
NB2	153.67	351	PKP	59	01.10	19.3X
	0.8s		1.80nm			
S.D. = 1.3 on 9 of 14 obs.						
* SEP 26, 1985 08h 53m 43.47± 1.05s						
6.239 S ± 9.1km 147.672 E ± 8.7km						
DEPTH = 54.9 ± 11.0 km						
4.5mb (5 obs.)						
EAST PAPUA NEW GUINEA REGION (207)						
LAT	0.78	238	iPd	53	59.40	0.8
MDG	2.12	297	iPd	54	18.30	1.1
PMG	3.19	189	iPd	54	32.80	0.5
KVG	4.79	41	eP	53	56.00	-58.9X
ALOA	4.84	147	eP	54	54.00	-1.6
RAB	4.92	66	eP	54	56.50	-0.2
CTA	13.84	186	iPc	57	01.00	2.5
	1.0s		9.00nm			4.4mb
WB2	18.79	222	iPc	57	59.20	-2.0
WRA	18.80	222	Pc	57	59.20	-2.1
	0.5s		5.00nm			4.0mb
AAI	19.57	277	e(P)d	58	09.00	-0.9
RMQ	20.16	177	eP	58	16.00	-0.1
KOU	21.50	133	iPc	58	42.90	13.2X
BRS	21.59	168	iPd	58	30.20	-0.4
DZM	24.01	133	iPc	58	54.00	-0.4
MEK	34.35	231	iPc	00	27.30	0.0
	0.5s		8.00nm			4.9mb
KLB	37.66	224	eP	00	55.00	-0.2
MAT	43.47	349	eP	01	42.00	-1.0
	1.2s		18.75nm			4.7mb
PSI	49.48	279	eP	02	40.00	9.3X
SBA	72.27	176	e(P)	05	06.90	2.4
SPA	83.80	180	eP	06	08.30	0.2
	0.5s		1.85nm			4.4mb
JCT	112.54	60	ePKP	12	35.00	19.1X
	2.0s		58.82nm			
VAO	147.60	154	ePKP	13	24.50	3.1X
BAO	153.30	145	e(PKP)	13	31.50	1.3
S.D. = 1.4 on 18 of 23 obs.						
? SEP 26, 1985 09h 06m 49.86± 1.33s						
35.007 S ±19.9km 178.844 W ±23.1km						
DEPTH = 33.0km (normal)						
4.5mb (2 obs.)						
EAST OF NORTH ISLAND, N.Z. (688)						
GNZ	4.41	214	eP	08	59.40	63.2X
			S	09	52.00	
KRP	5.38	236	P	08	11.80	1.9
			S	09	13.50	

MNG	7.18	217	P	08	34.00	-1.2
			S	39	53.00	
			eS	15	35.00	
CTA	34.13	287	iPc	13	34.60	0.7
	1.0s		5.00nm			4.4mb
WB2	43.76	277	iPc	14	53.10	-1.0
WRA	43.77	277	Pd	14	52.80	-1.3
	1.3s		14.70nm			4.6mb
BNG	145.58	212	iPKPc	26	26.50	-0.4
	0.7s		10.00nm			
KJF	146.60	339	iPKP	26	26.80	-0.2
	0.7s		10.70nm			
SUF	148.18	338	iPKP	26	31.10	1.5
	0.7s		4.80nm			
NB2	153.16	349	PKP	26	54.10	16.9X
	0.9s		2.20nm			
S.D. = 1.5 on 8 of 10 obs.						
* SEP 26, 1985 09h 29m 06.42± 1.00s						
35.026 S ±11.2km 178.853 W ±14.2km						
DEPTH = 33.0km (normal)						
4.5mb (1 obs.)						
EAST OF NORTH ISLAND, N.Z. (688)						
GNZ	4.40	214	P	21	13.00	0.5
			S	22	06.00	
KRP	5.37	236	P	21	26.90	0.7
			S	22	30.00	
CRZ	7.00	272	eP	21	51.00	1.8
MNG	7.16	217	P	21	50.00	-1.5
			S	23	99.00	
KOU	20.70	310	iPc	24	44.90	-1.4
CTA	34.13	287	eP	26	51.00	0.6
WB2	43.75	277	eP	28	09.50	-1.1
WRA	43.76	277	Pd	28	09.40	-1.3
	1.0s		9.10nm			4.5mb
SPA	55.16	180	e(P)	29	37.90	0.0
KEV	142.44	346	ePKP	39	56.00	19.6X
SOD	144.44	343	ePKP	39	51.00	11.1X
BNG	145.56	212	iPKPc	39	43.10	-0.4
	0.7s		14.00nm			
KJF	146.61	339	iPKP	39	44.00	0.4
SUF	148.19	338	iPKP	39	47.80	1.6
	0.8s		6.80nm			
NUR	150.33	337	iPKP	39	54.00	4.5X
	0.7s		13.30nm			
			e	40	04.00	
NB2	153.18	349	PKP	39	59.60	5.9X
	0.7s		1.50nm			
S.D. = 1.2 on 12 of 16 obs.						
? SEP 26, 1985 09h 24m 18.49± 2.25s						
35.159 S ±22.8km 178.790 W ±27.6km						
DEPTH = 33.0km (normal)						
4.1mb (1 obs.)						
EAST OF NORTH ISLAND, N.Z. (688)						
GNZ	4.31	215	P	26	20.00	56.6X
KRP	5.34	237	P	25	39.60	1.7
			S	26	41.10	
CRZ	7.06	273	eP	26	03.00	0.9
MNG	7.08	218	P	26	01.30	-1.2
			eS	27	14.00	
WB2	43.82	278	eP	32	21.70	-1.5
WRA	43.83	278	Pd	32	21.80	-1.5
	0.5s		1.90nm			4.1mb
KJF	146.76	339	ePKP	43	46.00	-9.9X
SUF	148.33	338	ePKP	44	00.00	1.5
S.D. = 2.0 on 6 of 8 obs.						
& SEP 26, 1985 10h 10m 28.56s						
62.040 N 151.956 W						
DEPTH = 101.6km						
CENTRAL ALASKA (1)						
<AGS-P>.						
SKT	0.21	106	iP	10	42.42	0.9
			eS	10	53.64	
CGLM	0.74	182	iP	10	46.10	-0.7
			eS	10	58.23	
CRP	0.78	187	iP	10	46.86	-0.5
			eS	11	00.91	
SUA	0.82	135	iP	10	47.43	-0.2
SPU	0.86	183	iP	10	47.16	-0.8
			eS	11	02.16	
PWA	1.06	111	eP	10	49.80	-0.2
NKA	1.35	165	eP	10	54.50	1.1

26d 10h

PMS	1.39	124	eP	10 53.00	-1.0
PMR	1.41	107	eP	10 53.10	-1.1
PLRM	1.41	107	eP	10 52.88	-1.3
PME	1.45	105	eP	10 53.60	-1.0
GHO	1.46	99	iP	10 54.11	-0.8
RDT	1.49	189	iP	10 54.49	-0.7
			eS	11 15.21	
SML	1.73	96	iP	10 56.91	-1.3
SLKM	1.75	151	eP	10 58.00	-0.5
KNK	1.78	109	iP	10 57.49	-1.4
PTE	1.84	129	iP	10 58.26	-1.3
ILM	1.91	193	eP	10 59.93	-0.6
SVW	1.99	244	eP	11 00.50	-1.1
MPA	2.00	140	iP	11 00.74	-0.9
NNL	2.03	171	eP	11 02.07	0.0
TTA	2.08	257	eP	11 00.50	-2.4
PWL	2.10	123	iP	11 01.13	-2.0
CFI	2.18	111	iP	11 02.10	-1.9
SCM	2.20	93	iP	11 02.81	-1.6
SEW	2.29	147	eP	11 04.67	-0.9
BRLK	2.34	167	eP	11 04.78	-1.5
PQB	2.51	207	iP	11 07.60	-0.9
CNPM	2.55	172	iP	11 07.27	-1.7
GLI	2.61	114	iP	11 07.35	-2.5
LOU	2.61	125	iP	11 06.90	-3.0
KNIM	2.66	128	eP	11 07.52	-2.9
TOA	2.72	86	eP	11 10.00	-1.4
VZW	2.77	108	eP	11 09.86	-2.1
KLU	2.92	98	eP	11 11.82	-2.3
FID	2.94	114	eP	11 11.29	-2.9
MTU	2.94	133	eP	11 12.14	-2.1
COL	3.42	31	eP	11 18.00	-2.9
FBA	3.42	31	eP	11 18.20	-2.7
MID	3.80	131	eP	11 23.80	-2.2
GLB	3.92	95	eP	11 25.34	-2.4
IMA	4.12	350	eP	11 27.50	-3.0
KBC	4.31	184	eP	11 29.50	-3.5
BALM	4.71	98	eP	11 35.84	-2.8
INK	9.94	43	eP	12 46.00	-4.0

45 obs. associated

• SEP 26, 1985 10h 35m 21.78± 1.27s
35.162 S ±12.8km 178.891 W ±17.3km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.27	215	P	36 27.00	1.0
			S	37 19.00	
KRP	5.26	237	P	36 41.50	1.3
			S	37 44.00	
CRZ	6.97	274	eP	37 05.00	0.8
MNG	7.03	218	P	37 03.00	-2.1
			eS	38 23.00	
KOU	20.76	310	iPc	40 03.90	1.6
CTA	34.14	287	iPd	42 05.00	-0.9
	1.0s		8.00nm		4.6mb
SBA	43.25	184	e(P)	43 37.10	16.0X
WB2	43.74	278	eP	43 24.50	-1.3
WRA	43.75	278	Pc	43 24.40	-1.5
	0.8s		5.80nm		4.4mb
SPA	55.02	180	e(P)	44 53.20	0.9
KJF	146.73	339	ePKP	54 58.00	-1.1
SUF	148.31	338	iPKP	55 02.90	1.2
	0.6s		5.00nm		
NUR	150.44	336	iPKP	55 08.80	3.8X

S.D. = 1.5 on 11 of 13 obs.

? SEP 26, 1985 10h 44m 03.21± 6.13s
34.951 S ±29.4km 177.778 W ±78.9km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ	4.99	221	eP	45 19.00	1.2
			S	46 13.00	
KRP	6.15	239	P	45 33.90	-0.2
			S	46 38.00	
MNG	7.78	221	eP	45 56.00	-0.9
			eS	47 17.00	
CTA	34.96	286	iPd	50 55.80	1.5
	0.5s		3.52nm		4.5mb
WB2	44.62	277	eP	52 13.70	-0.7
WRA	44.63	277	Pc	52 13.60	-0.9
	0.5s		4.90nm		4.6mb

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

• SEP 26, 1985 11h 51m 35.63± 1.00s
35.047 S ± 9.4km 178.709 W ±13.6km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.45	215	P	52 44.00	1.5
			S	53 36.00	
KRP	5.45	237	P	52 57.00	0.3
			S	54 01.50	
CRZ	7.12	272	eP	53 20.80	0.7
MNG	7.21	218	eP	53 20.00	-1.5
			eS	54 39.00	
NOU	18.15	310	iPc	55 46.50	-0.3
DZM	18.33	311	iPc	55 50.00	0.9
KOU	20.80	309	iPc	56 17.50	0.9
BRS	25.49	280	P	57 03.20	0.6
CTA	34.25	286	eP	58 20.00	-0.7
	0.8s		6.72nm		4.6mb
WB2	43.87	277	eP	59 38.80	-2.0
WRA	43.88	277	Pd	59 39.40	-1.5
	0.4s		3.10nm		4.4mb
SPA	55.13	180	eP	01 07.60	0.7
	1.0s		4.50nm		4.5mb
BNG	145.60	212	iPKPc	11 12.00	-0.7
	0.6s		8.00nm		
			ic	11 22.50	
KJF	146.67	339	ePKP	11 12.00	-0.9
SUF	148.25	338	iPKP	11 17.20	1.7
	0.7s		7.60nm		
NUR	150.40	337	ePKP	11 11.00	-7.8X
	0.7s		13.30nm		
			i	11 21.40	
NB2	153.22	349	PKP	11 29.20	6.2X
	0.7s		2.20nm		

S.D. = 1.2 on 15 of 17 obs.

• SEP 26, 1985 12h 17m 00.55± 1.09s
35.185 S ±10.3km 178.843 W ±15.1km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.27	215	P	18 06.10	1.3
			S	18 57.00	
KRP	5.29	237	P	18 20.40	1.2
			S	19 22.60	
CRZ	7.01	274	P	18 44.80	1.2
MNG	7.04	218	P	18 41.80	-2.1
			S	20 03.00	
NOU	18.16	311	iPc	21 12.70	0.9
DZM	18.34	312	iPc	21 13.80	-0.3
KOU	20.80	310	iPc	21 42.20	0.7
CTA	34.18	287	iPc	23 44.50	-0.5
	1.0s		10.00nm		4.7mb
WB2	43.78	278	iPd	25 02.90	-2.1
WRA	43.79	278	Pc	25 03.40	-1.6
	0.5s		4.40nm		4.5mb
SPA	55.00	180	e(P)	26 32.00	1.1
SOD	144.60	343	iPKP	36 30.80	-3.5X
BNG	145.43	212	iPKPd	36 36.20	-1.2
	0.9s		22.00nm		
			id	36 48.00	
KJF	146.76	339	iPKP	36 38.00	0.0
	0.7s		21.40nm		
SUF	148.34	338	iPKP	36 41.90	1.4
	0.6s		12.80nm		
NUR	150.48	336	iPKP	36 47.80	4.0X
	0.7s		22.60nm		
KIC	150.80	168	ePKP	36 50.80	5.0X
NB2	153.33	349	PKP	36 53.70	5.6X
	0.7s		2.40nm		

S.D. = 1.4 on 14 of 18 obs.

• SEP 26, 1985 12h 19m 23.60± 1.08s
35.120 S ±11.1km 178.749 W ±14.8km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.37	215	P	20 30.00	0.7
			S	21 26.00	
KRP	5.39	237	P	20 43.00	-0.7
			S	21 45.60	
CRZ	7.09	273	eP	21 08.70	1.1
NOU	18.18	311	iPc	23 35.80	0.8
DZM	18.36	311	iPc	23 38.80	1.4
KOU	20.82	310	iPc	24 03.30	-1.4
BRS	25.47	280	P	24 51.20	0.8
CTA	34.24	287	iPc	26 07.20	-1.3
	0.9s		5.04nm		4.4mb
SBA	43.30	184	e(P)	27 24.00	0.7
WB2	43.85	277	eP	27 26.20	-2.4
BNG	145.53	212	iPKPc	38 59.50	-1.1
	0.9s		27.00nm		
			id	39 11.20	
KJF	146.73	339	iPKP	39 01.00	0.0
SUF	148.31	338	iPKP	39 04.90	1.4
	0.7s		11.20nm		
NUR	150.45	337	iPKP	39 10.00	3.1X
	0.7s		17.30nm		
NB2	153.29	349	PKP	39 16.60	5.5X
	1.0s		4.10nm		

S.D. = 1.4 on 13 of 15 obs.

• SEP 26, 1985 12h 24m 54.46± 1.31s
42.442 N ±12.3km 24.875 E ±12.8km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

VAY	2.05	238	iPn	25 29.60	0.2
SKO	2.60	261	iPn	25 38.40	1.2
CLO	3.03	331	eP	25 43.00	-0.3
TLB	3.14	46	iPc	25 45.00	0.1
MLR	3.14	14	ePc	25 52.50	7.4X
GZR	3.32	334	iPd	25 47.50	0.0
OHR	3.33	248	ePn	25 46.40	-1.2

S.D. = 1.0 on 6 of 7 obs.

% SEP 26, 1985 12h 41m 12.73± 0.61s
40.638 N ± 6.0km 29.182 E ± 5.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

HRT	0.41	63	iPg	41 20.80	-0.4
			iSg	41 26.30	
ISK	0.44	348	iPg	41 21.80	0.2
			iSg	41 28.80	
KCT	0.74	239	ePg	41 27.30	0.0
			iSg	41 37.30	
CTT	0.76	312	iPg	41 27.80	0.1
			iSg	41 38.30	
GPA	0.93	112	iPg	41 31.00	0.5
BNT	1.00	254	iPg	41 32.80	1.1
			iSg	41 46.30	
EDC	1.05	254	iPg	41 32.80	0.3
DST	1.12	203	ePg	41 33.30	-0.4
			iSg	41 48.30	
KGT	1.44	263	ePn	41 37.30	-1.6

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

SEP 26, 1985 13h 24m 46.03± 0.69s
35.773 N ± 7.8km 139.752 E ± 7.5km
DEPTH = 33.0km (normal)
NEAR S. COAST OF HONSHU, JAPAN (230)

TOK	0.09	176	iP	24 52.00	0.3
			iS	24 56.50	
SRY	0.42	247	iPd	24 55.30	-0.2
DDR	0.51	297	eP	24 56.90	0.1
			e	25 05.90	
TSK	0.52	34	iPd	24 56.90	-0.1
OYM	0.54	230	iPd	24 57.30	0.0
KYS	0.66	150	eP	24 58.80	-0.1
MAT	1.47	302	eP	25 13.00	2.6X
			eS	25 33.00	

S.D. = 0.2 on 6 of 7 obs.

• SEP 26, 1985 14h 47m 45.46± 0.41s
15.199 S ±13.4km 173.528 W ±13.2km
DEPTH = 33.0km (normal)
4.5mb (6 obs.)
TONGA ISLANDS (173)

DZM	20.16	247	iPd	52 21.90	1.8
NOU	20.22	247	iPc	52 24.50	3.9X
KOU	21.77	253	iPc	52 50.20	13.8X
KRP	24.62	201	eP	53 03.00	-1.1
WB2	49.76	257	eP	56 35.70	-1.4
WRA	49.77	257	Pd	56 36.30	-0.9
	0.6s		2.80nm		4.5mb
SBA	63.44	185	e(P)	58 14.00	0.2
SPA	74.90	180	eP	59 25.40	0.7
	1.0s		7.50nm		4.6mb

BMN 76.08 41 IP 59 31.50 -0.3
LTX 80.60 56 eP 59 57.00 0.3
1.0s 4.60nm 4.4mb
ALQ 80.77 50 eP 59 57.20 -0.4
0.9s 5.25nm 4.5mb
BDW 82.20 42 IP 00 05.10 0.2
1.0s 6.20nm 4.6mb
COL 82.22 11 eP 00 04.00 -0.3
GOL 83.60 46 eP 00 12.00 -0.3
1.0s 3.00nm 4.4mb
PRU 144.69 351 ePKP 07 20.00 -0.4
MLR 145.63 335 ePKP 07 23.00 0.7
KHC 145.66 352 PKP 07 22.70 0.6
ZST 145.95 347 e(PKP)07 23.50 0.9
i 07 45.30
SRO 146.03 346 e(PKP)07 24.50 1.8X
e 07 45.30
S.D. = 0.9 on 16 of 19 obs.

* SEP 26, 1985 15h 00m 53.06± 1.01s
35.130 S ±11.7km 179.060 W ±15.2km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ 4.22 213 P 01 58.20 1.6
S 02 54.00
KRP 5.17 236 P 02 14.30 4.2X
S 03 18.10
e 04 13.20
CRZ 6.83 273 eP 02 33.80 0.3
MNG 6.97 217 eP 02 34.00 -1.5
eS 03 54.00
KOU 20.63 310 iPc 05 31.90 -0.4
CTA 34.00 287 eP 07 37.00 1.1
WB2 43.60 278 eP 08 55.00 -1.0
e 09 06.50
WRA 43.61 278 Pd 08 55.90 -0.2
0.7s 5.20nm 4.4mb
SPA 55.05 180 eP 10 24.00 0.2
1.0s 4.00nm 4.4mb
SOD 144.49 343 ePKP 20 28.00 1.4
BNG 145.38 212 ePKPd 20 28.00 -1.8
1.0s 20.00nm
id 20 50.00
ic 21 22.80
SUF 148.22 338 ePKP 20 33.00 0.1
NUR 150.36 336 ePKP 20 50.00 13.8X
S.D. = 1.3 on 11 of 13 obs.

? SEP 26, 1985 15h 01m 46.75± 1.20s
35.482 S ±23.6km 179.099 W ±21.4km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

NOU 18.20 312 IPc 05 58.70 0.2
DZM 18.39 313 iPc 06 00.90 0.0
KOU 20.84 311 iPc 06 27.60 -0.5
CTA 34.07 287 iPd 08 31.00 0.8
1.0s 15.00nm 4.9mb
WB2 43.62 278 e° 09 49.80 0.0
WRA 43.63 278 Pc 09 49.30 -0.6
0.9s 10.40nm 4.6mb
KJF 146.97 339 iPKP 21 23.80 -0.7
0.8s 16.10nm
SUF 148.54 338 iPKP 21 27.80 0.8
0.7s 10.80nm
NUR 150.67 336 iPKP 21 34.00 3.7X
0.7s 16.00nm
NB2 153.59 349 PKP 21 40.40 5.8X
1.2s 7.20nm
SLL 153.74 346 ePKP 21 40.30 5.5X
0.6s 1.90nm
S.D. = 0.7 on 8 of 11 obs.

SEP 26, 1985 15h 33m 27.30± 0.38s
35.052 S ± 7.1km 178.742 W ± 6.2km
DEPTH = 33.0km (normal)
5.2mb (3 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ 4.43 215 P 34 33.00 -0.8
S 35 26.00
KRP 5.43 236 P 34 47.70 -0.3
S 35 45.70
CRZ 7.09 273 P 35 12.30 0.9

MNG 7.19 218 eP 35 09.00 -3.8X
S 36 29.50
VUN 17.16 351 eP 37 16.00 -10.1X
NOU 18.14 311 IPc 37 39.10 0.9
DZM 18.32 311 IPc 37 41.20 0.6
KOU 20.78 310 IPc 38 07.80 -0.2
BRS 25.47 280 IPc 38 55.40 1.4
RMQ 29.10 278 eP 39 28.00 0.9
CTA 34.22 287 IPc 40 12.10 0.0
1.1s 46.20nm 5.3mb
SBA 43.36 184 e(P) 41 28.90 1.3
e 43 15.90
WB2 43.85 277 IPc 41 31.00 -1.2
WRA 43.86 277 Pc 41 31.10 -1.2
0.6s 27.40nm 5.2mb
KNA 50.56 278 eP 42 24.00 -0.9
KLB 52.38 255 eP 42 37.00 -1.5
0.4s 8.00nm 5.0mb
SPA 55.13 180 e(P) 42 59.60 1.0
TRT 68.13 276 IPd 44 26.00 -0.4
SNA 74.91 179 eP 45 07.60 1.0
PLM 89.38 48 eP 46 21.00 -1.0
SBB 89.73 46 eP 46 23.00 -0.5
ISA 90.03 45 eP 46 25.00 0.1
GLA 90.42 49 eP 46 27.00 0.3
CLC 90.65 45 eP 46 28.00 0.3
GSC 90.76 46 eP 46 28.00 -0.2
SOD 144.49 343 iPKP 52 58.20 -2.7X
BNG 145.59 212 iPKPd 53 03.60 -0.8
0.8s 29.00nm
id 53 27.90
KJF 146.67 339 iPKP 53 05.20 0.6
0.8s 24.90nm
i 53 14.20
SUF 148.25 338 iPKP 53 09.50 2.4X
0.6s 15.90nm
NUR 150.39 337 iPKP 53 10.20 -0.3
0.7s 31.90nm
KIC 150.92 168 iPKP 53 17.90 5.2X
NB2 153.22 349 PKP 53 21.50 6.8X
0.8s 5.60nm
HFS 153.63 346 ePKP 53 21.50 6.3X
0.6s 3.10nm
S.D. = 0.9 on 26 of 33 obs.

& SEP 26, 1985 15h 50m 27.54s
62.304 N 151.402 W
DEPTH = 90.0km
CENTRAL ALASKA (1)
<AGS-P>.

SKT 0.33 191 iP 50 40.73 -0.6
eS 50 50.85
SUA 0.90 159 iP 50 46.15 -0.4
eS 51 00.58
PWA 0.97 132 iP 50 46.89 -0.3
eS 51 01.48
CGLM 1.04 196 eP 50 47.22 -0.9
eS 51 03.23
CRP 1.10 199 iP 50 48.11 -0.8
SPU 1.17 196 iP 50 48.54 -1.0
eS 51 05.20
GHO 1.28 113 eP 50 50.78 -0.3
eS 51 09.22
PLRM 1.29 123 eP 50 50.34 -0.6
PME 1.31 120 eP 50 51.12 -0.1
PMS 1.38 140 eP 50 51.78 -0.4
eS 51 10.87
SML 1.53 108 iP 50 53.49 -0.6
KNK 1.66 121 iP 50 54.82 -1.0
RDT 1.80 196 eP 50 56.99 -0.7
eS 51 20.39
PTE 1.84 141 eP 50 56.95 -1.1
SLKM 1.89 162 eP 50 58.69 -0.2
SCM 1.98 102 eP 50 58.93 -1.1
PWL 2.06 133 eP 50 59.41 -1.7
CFI 2.06 121 iP 51 00.75 -0.3
MPA 2.07 151 eP 50 59.98 -1.2
TTA 2.22 288 eP 51 02.18 -1.2
GLI 2.51 123 eP 51 05.31 -1.8
VZW 2.63 116 eP 51 07.67 -1.2
KLU 2.72 105 iP 51 08.27 -1.8
CNPM 2.79 178 eP 51 11.56 0.5
FID 2.83 121 eP 51 09.35 -2.2
25 obs. associated

SEP 26, 1985 16h 09m 25.99± 0.50s
35.072 S ± 7.9km 178.761 W ± 7.8km
DEPTH = 33.0km (normal)
5.0mb (3 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ 4.40 215 P 10 32.90 0.7
S 11 27.00
KRP 5.40 237 P 10 46.50 0.2
S 11 50.40
CRZ 7.07 273 P 11 10.40 0.5
MNG 7.17 218 P 11 09.00 -2.2
S 12 23.00
VUN 17.17 351 eP 13 62.00 -23.1X
NOU 18.14 311 iPc 13 36.90 -0.1
DZM 18.32 311 iPc 13 39.90 0.6
KOU 20.78 310 iPc 14 06.20 -0.5
AFI 21.99 18 e(P) 14 23.00 3.9X
BRS 25.45 280 eP 14 54.00 1.4
RMQ 29.09 278 eP 15 26.00 0.3
CTA 34.21 287 iPd 16 10.80 0.1
1.1s 23.42nm 5.0mb
SBA 43.34 184 e(P) 17 26.10 0.0
WB2 43.83 277 IPc 17 29.30 -1.5
WRA 43.84 277 Pc 17 29.40 -1.5
1.1s 33.90nm 5.0mb
SPA 55.11 180 eP 18 58.80 1.7
1.0s 8.00nm 4.7mb
SYP 88.38 45 eP 22 15.00 -0.9
SBB 89.75 46 eP 22 22.00 -0.3
ISA 90.05 45 eP 22 24.00 0.3
GLA 90.45 49 eP 22 37.00 11.5X
CLC 90.67 45 eP 22 26.00 -0.5
GSC 90.78 46 eP 22 26.00 -1.0
SOD 144.51 343 iPKP 29 04.60 5.0X
BNG 145.56 212 iPKPd 29 02.80 -0.2
1.0s 56.00nm
id 29 14.50
KJF 146.68 339 iPKP 29 03.80 0.5
0.7s 20.00nm
i 29 14.80
SUF 148.26 338 iPKP 29 08.10 2.3
0.7s 16.20nm
NUR 150.40 337 iPKP 29 13.80 4.6X
0.7s 22.70nm
i 29 25.00
KIC 150.90 168 ePKP 29 21.00 9.6X
NB2 153.24 349 PKP 29 19.90 6.5X
0.9s 6.60nm
HFS 153.65 346 ePKP 29 20.60 6.7X
0.7s 3.70nm
S.D. = 1.1 on 22 of 30 obs.

* SEP 26, 1985 17h 09m 28.18± 0.81s
28.143 N ±10.7km 140.590 E ±13.7km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
BONIN ISLANDS REGION (212)

CBI 1.76 126 eP 09 58.00 1.2
MAT 8.61 347 (P) 11 34.00 0.5
0.9s 16.81nm 5.2mb X
eS 13 12.00
SSE 17.13 285 P 13 30.00 3.4X
Z 11s 1.40um
N 11s 0.70um
E 14s 2.50um
esP 13 42.00
PcP 16 54.00
eS 16 36.00
sS 17 06.00
MDJ 18.64 335 Pc 13 44.00 -1.2
S 17 11.50
DL2 19.07 309 eP 13 51.00 0.5
NJ2 19.20 287 Pc 13 53.00 1.0
SNY 19.46 319 Pd 13 50.00 -5.0X
S 17 32.00
CN2 19.81 326 Pc 13 59.00 0.3
eS 17 37.00
BAG 21.85 242 eP 14 17.00 -3.0X
eS 18 24.00
WHN 22.98 282 P 14 36.00 5.1X
S 18 50.00
BJI 23.37 307 eP 14 34.00 -0.5
eS 18 48.00
eSS 19 37.00
HKC 24.57 262 eP 14 51.00 4.6X
eS 19 11.00

26d 17h

DAV 25.31 217 eP 14 56.00 2.5
eS 19 02.00
TIY 25.41 299 P 14 55.00 0.7
HHC 26.94 306 P 15 08.00 -0.5
XAN 27.68 290 eP 15 12.50 -2.7
eS 19 56.00
BTO 27.98 304 Pc 15 18.00 0.0
S 20 04.50
LZH 31.97 294 eP 15 53.00 -0.6
CD2 32.08 284 eP 15 55.70 1.3
S 21 13.00
KMI 33.83 274 eP 16 09.00 -1.4
N 14s 0.60um
S 21 48.00
GTA 35.44 299 eP 16 23.00 -0.4
WMO 44.82 305 P 17 41.50 0.6
S 24 20.00
WB2 48.18 188 eP 18 05.30 -2.2
WRA 48.18 188 Pc 18 05.50 -2.0
0.8s 7.80nm 4.8mb
PKI 48.42 283 eP 18 11.20 1.4
KKN 48.48 283 eP 18 11.60 1.5
1.0s 12.00nm 4.9mb
KSH 53.83 300 eP 18 54.00 3.8X
NDI 55.13 287 eP 19 02.00 2.3X
ePP 21 06.00
iS 26 46.00
eSS 30 36.00
S.D. = 1.4 on 21 of 28 obs.

* SEP 26, 1985 17h 17m 22.99± 0.54s
16.321 S ±15.9km 172.624 W ±14.6km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
SAMOA ISLANDS REGION (169)

DZM 20.57 251 iPc 22 01.90 0.1
NOU 20.62 250 iPc 22 02.20 0.0
KOU 22.30 256 iPc 22 27.80 8.6X
WB2 50.35 257 eP 26 14.60 -4.6X
SBA 62.40 185 e(PKP) 27 43.80 -0.7
SPA 73.78 180 e(P) 28 56.30 0.5
BDW 82.45 41 eP 29 44.10 0.3
0.8s 0.73nm 3.8mb
COL 83.16 10 eP 29 46.00 -0.7
KJF 130.18 349 iPdiff 33 03.90 -16.1X
MOX 145.59 355 e(PKP) 36 59.00 -0.4
PRU 145.92 352 ePKP 37 00.00 0.0
KHC 146.89 353 PKP 37 02.50 0.9
S.D. = 0.6 on 9 of 12 obs.

* SEP 26, 1985 17h 35m 26.04± 0.75s
9.289 S ±10.0km 120.253 E ± 9.6km
DEPTH = 33.0km (normal)
4.8mb (9 obs.)
SUMBA ISLAND REGION (287)

KUPT 3.41 105 ePd 36 24.30 6.0X
eS 39 29.50
MKS 4.12 349 e(P)c 36 29.00 0.7
e 40 53.50
TRT 7.70 281 ePd 37 15.80 -2.9
0.8s 52.10nm 5.6mb X
KNA 10.50 129 eP 37 57.00 -0.4
0.3s 40.00nm 6.1mb X
eS 39 50.00
MTN 11.24 109 iPd 38 05.70 -1.9
eS 40 05.00
MBL 11.81 182 eP 38 13.00 -2.2
0.4s 29.00nm 5.8mb
eS 40 12.00
WRA 17.25 129 Pd 39 25.40 -0.8
0.6s 5.10nm 3.8mb
WB2 17.26 129 eP 39 25.20 -1.1
iS 42 29.50
MEK 17.31 185 eP 39 28.00 1.1
0.4s 25.00nm 4.7mb
eS 42 26.00
PPR 19.00 355 ePd 40 01.00 13.2X
ASPA 19.36 139 eP 40 03.00 11.0X
i 45 45.00
MRWA 20.22 191 iPc 40 01.80 0.6
0.4s 9.00nm 4.5mb
eS 43 31.00
KLG 21.42 177 eP 40 13.50 0.1
BAL 21.47 188 eP 40 14.00 0.1
eS 44 03.00

MUN 22.89 189 eP 40 28.00 0.1
eS 44 36.00
NWAO 23.69 186 iPc 40 37.40 1.7
0.7s 42.00nm 5.1mb
RKG 24.84 186 eP 40 53.50 6.6X
0.5s 13.00nm 4.8mb
CTA 27.30 116 eP 41 12.00 2.1
BRS 35.57 125 iPc 42 35.20 12.6X
BJI 49.22 356 eP 44 23.00 9.8X
PKI 49.81 318 eP 44 15.70 -2.7X
0.5s 6.00nm 4.9mb
MNG 57.83 132 P 45 16.60 -0.2
SBA 72.50 171 e(P) 46 51.20 0.2
SPA 80.77 180 eP 47 39.30 1.7
0.8s 7.92nm 4.8mb
BUL 88.38 250 iPc 48 17.70 1.0
0.6s 4.48nm 4.8mb
ITR 152.21 230 ePKP 55 21.40 7.5X
SOB1 153.73 226 ePKP 55 24.70 8.6X
S.D. = 1.5 on 18 of 27 obs.

SEP 26, 1985 18h 35m 00.60± 0.56s
5.319 S ± 4.8km 150.745 E ± 6.5km
DEPTH = 194.3 ± 6.4 km
5.1mb (6 obs.)
NEW BRITAIN REGION (192)

RAB 1.81 52 iPd 35 36.50 -0.6
0.3s 987.01nm
iS 36 03.30
KVG 2.73 1 iPd 34 47.90 -59.3X
BGA 4.49 101 iPd 36 08.90 -0.2
eS 37 10.00
MOM 4.66 314 iPd 36 11.60 0.4
PAA 4.82 102 eP 36 06.00 -7.3X
eS 37 20.00
ALOA 4.96 184 eP 36 13.50 -1.5
PMG 5.40 221 iPc 36 20.90 0.1
HNR 10.00 115 P 37 22.00 1.1
CTA 15.32 196 iPd 38 29.20 0.9
1.2s 99.22nm 5.1mb
i 46 38.00
ISQ 18.77 214 iPd 39 07.40 -0.2
0.6s 153.00nm 5.7mb
PJG 19.67 343 eP 39 16.70 -0.1
MTN 20.75 248 eP 39 28.00 0.4
eS 43 07.00
RMQ 21.14 185 iPd 39 32.60 1.2
WB2 21.58 226 iPd 39 35.70 0.0
eS 43 25.00
iScP 46 50.80
WRA 21.59 226 Pc 39 34.00 -1.8
0.7s 60.20nm 5.2mb
BRS 22.04 175 iPd 39 41.20 1.1
KNA 23.94 243 eP 39 59.00 0.6
ASPA 24.42 220 iPd 40 03.00 0.1
i 40 37.00
i 40 45.00
STK 27.78 197 eP 40 32.00 -1.4
CAN 29.90 183 iPd 40 52.80 0.6
MBL 33.85 239 eP 41 25.80 -0.9
MEK 37.31 232 eP 41 55.40 -0.4
0.3s 13.00nm 5.0mb
KLG 37.41 224 iPd 41 56.30 -0.3
0.4s 22.00nm 5.2mb
MRWA 40.54 230 eP 42 21.00 -1.5
TCW 41.48 153 P 42 30.80 0.9
MNG 41.57 151 P 42 31.20 0.5
RKG 42.38 223 eP 42 39.50 2.1
NJ2 47.99 323 iPd 43 23.20 1.5
WHN 49.84 318 eP 43 37.00 1.1
GYA 53.10 309 P 44 01.60 1.1
BJI 55.22 328 eP 44 14.50 -1.0
XAN 55.61 318 Pc 44 18.00 -0.6
CD2 57.54 312 Pd 44 33.00 0.8
HHC 58.30 326 Pd 44 37.40 0.0
BTO 59.01 325 eP 44 42.20 -0.1
GTA 64.68 318 iPc 45 20.40 0.5
PKI 70.95 301 eP 45 59.20 -0.3
KKN 71.12 302 eP 46 00.30 0.0
0.5s 8.00nm 4.7mb
DMN 71.21 301 eP 46 01.20 0.2
COL 83.13 22 eP 47 04.00 -1.5
MTD 116.00 249 ePKP 53 25.00 2.0
BUL 117.78 244 iPKPc 53 25.10 -1.2
0.6s 3.00nm
KRI 117.81 248 ePKP 53 25.50 -1.0

KHC 123.30 328 ePKP 53 35.60 -0.3
VAO 146.96 149 ePKP 54 22.90 2.6X
BAO 152.11 139 e(PKP) 54 26.10 -2.3
ITR 163.29 147 ePKP 54 46.70 5.1X
S.D. = 1.1 on 43 of 47 obs.

* SEP 26, 1985 18h 52m 10.05± 0.94s
35.179 S ± 9.7km 178.959 W ±13.4km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ 4.22 214 P 53 15.00 1.4
S 54 08.00
KRP 5.21 237 eP 53 28.00 0.3
eS 54 33.00
CRZ 6.92 274 P 53 53.00 1.3
MNG 6.98 217 P 53 51.00 -1.7
S 55 09.00
NOU 18.09 311 iPc 56 20.50 0.1
DZM 18.27 312 iPc 56 22.90 0.2
KOU 20.73 310 iPc 56 49.20 -1.0
BRS 25.31 280 eP 57 36.00 0.7
CTA 34.09 287 iPd 58 54.00 0.3
1.1s 17.09nm 4.9mb
WB2 43.69 278 eP 00 12.00 -1.7
WRA 43.70 278 Pc 00 12.60 -1.2
0.8s 12.00nm 4.7mb
SPA 55.00 180 e(P) 01 40.30 -0.1
SOD 144.56 343 ePKP 11 42.00 -1.7
BNG 145.39 212 ePKPd 11 46.10 -0.7
1.0s 10.00nm
id 12 09.10
KJF 146.72 339 iPKP 11 49.00 1.6
0.9s 22.00nm
SUF 148.30 338 iPKP 11 52.10 2.1
0.6s 6.70nm
NUR 150.44 336 iPKP 11 58.00 4.7X
0.6s 15.60nm
NB2 153.31 349 PKP 12 01.60 4.1X
0.9s 3.00nm
HFS 153.71 346 ePKP 12 05.40 7.3X
0.5s 1.60nm
S.D. = 1.3 on 16 of 19 obs.

? SEP 26, 1985 20h 54m 21.81± 4.11s
34.742 S ±17.8km 178.515 W ±44.9km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ 4.79 215 P 55 34.70 1.3
eS 56 27.00
CRZ 7.27 270 eP 56 08.50 0.1
MNG 7.55 217 eP 56 11.00 -1.4
S 57 29.00
CTA 34.32 286 eP 01 10.00 2.6X
WB2 43.99 277 eP 02 27.30 -0.6
WRA 44.00 277 Pc 02 28.60 0.6
0.4s 3.20nm 4.5mb
S.D. = 1.5 on 5 of 6 obs.

? SEP 26, 1985 20h 57m 45.08± 7.08s
37.613 N ±68.7km 70.794 E ±25.4km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE 8.06 204 eP 59 43.00 0.0
eS 00 59.90
NDI 10.40 147 eP 00 15.00 0.0
iS 01 50.00
KKN 15.62 125 eP 01 24.00 -0.6
0.5s 17.00nm 4.5mb
DMN 15.63 126 eP 01 25.40 0.6
0.5s 23.00nm 4.6mb
PKI 15.86 125 eP 01 27.80 0.1
0.7s 13.00nm 4.2mb
S.D. = 0.6 on 5 of 5 obs.

* SEP 26, 1985 21h 03m 18.71± 2.08s
31.776 S ±10.4km 70.715 W ±22.0km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)
Felt (IV) in the Choapa-Illopel area.

PEL 1.36 179 iPc 03 41.50 -0.2
ZON 1.75 83 iPd 03 46.50 -0.8
CFA 2.12 86 ePc 03 53.80 1.3
S 04 21.00
RFA 3.53 146 ePc 04 14.00 1.3
S 05 09.00
VCA 3.73 36 ePc 04 20.60 5.1X
S 05 09.00
CYA 5.40 53 e(P) 04 39.00 -0.1
SLA 8.39 35 eP 05 21.20 0.0
VBA 9.52 134 ePd 05 35.00 -1.6
S.D. = 1.3 on 7 of 8 obs.

• SEP 26, 1985 21h 11m 00.34± 1.92s
4.155 S ±27.6km 152.818 E ± 9.6km
DEPTH = 48.2 ± 12.7 km
4.1mb (1 obs.)
NEW BRITAIN REGION (192)

RAB 0.65 267 iPc 11 13.50 0.1
KVG 2.56 308 iPc 10 43.70 -56.5X
BGA 3.08 130 eP 11 46.00 -1.7
eS 12 36.00
PAA 3.41 129 eP 11 54.00 1.5
eS 12 39.00
PMG 7.67 227 eP 12 52.00 -0.3
CTA 17.08 201 eP 14 58.00 0.6
DZM 22.18 145 iPd 15 54.10 0.1
WB2 23.88 227 iPd 16 10.10 -0.5
WRA 23.89 227 Pc 16 10.30 -0.3
0.5s 3.30nm 4.1mb
KNA 26.30 242 eP 16 34.00 0.5
S.D. = 1.1 on 9 of 10 obs.

SEP 26, 1985 21h 52m 15.28± 0.47s
35.230 S ± 7.8km 178.719 W ± 7.8km
DEPTH = 33.0km (normal)
5.2mb (4 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ 4.29 216 P 53 23.60 3.7X
S 54 17.00
KRP 5.35 238 P 53 36.00 1.2
S 54 43.00
MNG 7.07 219 P 53 57.70 -1.3
S 55 19.00
CIZ 8.87 170 eP 54 23.00 -1.1
S 55 57.00
MSZ 13.91 223 eP 55 33.00 0.8
eS 57 59.00
NOU 18.27 311 iPd 56 27.50 -0.3
DZM 18.45 311 iPd 56 29.70 -0.5
KOU 20.91 310 iPd 56 56.00 -1.3
BRS 25.52 280 eP 57 44.00 1.6
RMQ 29.15 278 iPd 58 17.10 1.6
CTA 34.29 287 iPd 59 00.90 0.2
0.9s 30.67nm 5.2mb
SBA 43.19 184 eP 00 18.10 4.0X
1.0s 8.00nm 4.4mb
WB2 43.89 278 eP 00 19.20 -1.3
WRA 43.90 278 Pc 00 19.30 -1.3
0.9s 45.10nm 5.3mb
KNA 50.61 279 eP 01 12.00 -1.2
SPA 54.95 180 eP 01 48.40 3.1X
1.0s 21 50nm 5.1mb
SNA 74.73 179 eP 03 35.50 -17.5X
PLM 89.49 48 eP 05 10.00 -0.5
SBB 89.84 46 eP 05 12.00 0.0
ISA 90.14 45 eP 05 13.00 -0.4
GLA 90.52 49 eP 05 16.00 0.9
CLC 90.76 45 eP 05 16.00 -0.2
GSC 90.87 46 eP 05 16.00 -0.7
QUE 125.41 285 ePKP 11 15.00 0.2
SOD 144.67 343 iPKP 11 46.60 -2.5X
BNG 145.45 211 iPKPd 11 52.50 0.4
1.0s 74.00nm
ic 12 14.90
KJF 146.84 339 iPKP 11 53.90 1.1
0.9s 49.00nm
SUF 148.42 338 iPKP 11 57.70 2.3
0.7s 33.30nm
NUR 150.56 336 iPKP 12 03.50 4.8X
0.7s 49.20nm
KIC 150.74 168 iPKP 12 06.30 5.9X
0.7s 44.00nm
PRNI 151.32 270 iPKP 12 07.50 6.6X
HRI 151.53 276 iPKP 12 08.50 7.3X

UPP 153.15 342 ePKP 12 09.00 6.5X
NB2 153.40 349 PKP 12 09.60 6.7X
0.9s 10.90nm
HFS 153.81 346 ePKP 12 09.80 6.4X
0.9s 11.10nm
S.D. = 1.1 on 23 of 35 obs.

• SEP 26, 1985 22h 10m 02.77± 1.12s
35.135 S ±11.6km 178.881 W ±15.0km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ 4.29 214 eP 11 11.00 3.6X
S 12 05.00
KRP 5.29 237 P 11 20.00 -1.5
S 12 26.70
CRZ 6.98 273 P 11 47.00 1.7
MNG 7.06 217 P 11 46.00 -0.4
S 13 08.00
NOU 18.10 311 iPc 14 13.10 -0.2
DZM 18.29 312 iPc 14 09.30 -6.4X
KOU 20.75 310 iPc 14 43.00 -0.2
CTA 34.14 287 eP 16 47.00 0.1
WB2 43.75 278 eP 17 49.30 -17.6X
i 18 06.50
WRA 43.75 278 Pc 17 50.10 -16.8X
0.4s 1.60nm
SPA 55.05 180 eP 19 35.20 1.8
1.0s 9.50nm 4.8mb
BNG 145.46 212 ePKPd 29 22.50 -17.1X
0.9s 16.00nm
id 29 38.90
ic 32 13.50
KJF 146.71 339 iPKP 29 39.40 -0.7
0.7s 9.30nm
SUF 148.28 338 ePKP 29 42.00 -0.7
0.7s 6.40nm
NUR 150.42 336 iPKP 29 49.40 3.4X
0.8s 23.50nm
KIC 150.86 168 ePKP 29 52.90 4.8X
NB2 153.28 349 PKP 29 55.70 5.5X
0.8s 2.30nm
HFS 153.68 346 ePKP 29 55.90 5.2X
0.7s 2.10nm
S.D. = 1.2 on 9 of 18 obs.

• SEP 26, 1985 22h 12m 36.90± 0.88s
34.892 S ±11.3km 178.736 W ±11.9km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ 4.56 214 P 13 45.00 -0.3
S 14 37.00
KRP 5.52 235 P 13 59.00 0.1
S 15 02.00
CRZ 7.09 271 P 14 22.00 1.0
CTA 34.18 286 eP 19 21.00 -0.4
WB2 43.83 277 eP 20 41.00 -0.7
WRA 43.84 277 Pd 20 41.20 -0.6
0.4s 4.80nm 4.6mb
SPA 55.29 180 eP 22 09.60 0.3
1.0s 6.00nm 4.6mb
KJF 146.52 339 iPKP 32 14.00 0.1
SUF 148.10 338 ePKP 32 17.00 0.5
0.5s 4.00nm
NUR 150.25 337 iPKP 32 24.00 4.1X
KIC 151.07 168 ePKP 32 27.20 4.7X
NB2 153.06 349 PKP 32 30.00 5.9X
0.7s 1.50nm
S.D. = 0.6 on 9 of 12 obs.

• SEP 26, 1985 22h 46m 15.75± 0.98s
35.069 S ±10.2km 178.831 W ±15.1km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ 4.37 214 P 47 24.60 3.1X
S 48 17.00
KRP 5.36 236 P 47 38.00 2.5
S 48 41.00
CRZ 7.02 273 eP 47 01.00 -57.8X
MNG 7.14 217 P 47 59.00 -1.5
S 49 21.00
MSZ 13.97 223 P 49 33.00 -0.4
eS 51 59.00
NOU 18.09 311 iPc 50 27.90 1.7
DZM 18.27 311 iPc 50 28.80 0.3
KOU 20.74 310 iPc 50 54.50 -1.5
CTA 34.16 287 iPd 53 00.20 0.2
ASPA 42.38 272 eP 54 08.00 -0.8
e 57 09.00
SBA 43.34 184 e(P) 54 24.30 8.4X
WB2 43.78 277 eP 54 19.20 -0.9
WRA 43.79 277 Pd 54 19.00 -1.2
0.5s 4.20nm 4.5mb
SPA 55.11 180 eP 55 47.90 1.0
1.0s 7.50nm 4.7mb
BNG 145.53 212 iPKPc 05 51.90 -0.8
1.0s 25.00nm
ic 08 52.30
KJF 146.66 339 iPKP 05 52.20 -0.8
SUF 148.24 338 iPKP 05 56.50 0.9
NUR 150.38 336 ePKP 06 00.00 1.1
KIC 150.92 168 ePKP 06 21.00 19.8X
NB2 153.22 349 PKP 06 08.10 5.0X
0.9s 2.80nm
S.D. = 1.3 on 15 of 20 obs.

• SEP 26, 1985 22h 54m 25.67± 0.81s
3.401 S ±11.4km 145.910 E ±12.9km
DEPTH = 33.0km (normal)
4.3mb (2 obs.)
NEAR N COAST OF PAPUA NEW GUINEA(200)

MOM 2.01 48 iPd 54 55.90 -2.0
WEW 2.28 266 eP 55 58.00 56.2X
LAT 3.41 161 eP 55 23.00 5.2X
PMG 6.10 168 eP 55 56.00 0.1
CTA 16.59 179 iPc 58 23.50 6.0X
1.0s 10.00nm 3.9mb
MTN 17.37 236 eP 58 27.00 -0.3
WB2 19.94 214 eP 58 56.20 -1.7
WRA 19.94 214 Pc 58 56.50 -1.4
0.9s 42.40nm 4.8mb
BRS 24.74 165 eP 58 45.00 -60.7X
DZM 27.23 135 iPd 00 11.50 2.6
CHG 51.21 297 eP 03 30.00 1.5
PKI 65.84 302 eP 05 11.20 0.3
1.0s 22.00nm 5.2mb X
KKN 66.02 302 eP 05 12.30 0.4
1.1s 46.00nm 5.5mb X
DMN 66.11 302 eP 05 13.00 0.5
1.1s 59.00nm 5.6mb X
INK 89.65 22 eP 07 28.00 6.8X
VAO 150.90 155 e(PKP)14 27.00 15.5X
S.D. = 1.6 on 10 of 16 obs.

? SEP 26, 1985 23h 06m 42.66± 3.29s
35.112 S ±16.7km 178.362 W ±34.8km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

KRP 5.66 238 eP 08 07.00 0.4
S 09 10.00
MNG 7.34 220 P 08 30.00 -0.3
eS 09 50.00
CRZ 7.40 273 eP 08 30.90 -0.2
WB2 44.16 277 eP 14 50.60 0.4
WRA 44.17 277 Pc 14 49.90 -0.3
0.6s 6.40nm 4.6mb
SOD 144.64 344 ePKP 26 13.00 -3.5X
BNG 145.70 211 iPKPd 26 23.40 3.5X
1.0s 10.00nm
KJF 146.84 339 iPKP 26 23.80 3.6X
0.6s 7.80nm
SUF 148.42 339 iPKP 26 28.30 5.5X
0.7s 4.20nm
NUR 150.57 337 ePKP 26 30.00 3.9X
NB2 153.34 350 PKP 26 50.40 20.2X
0.8s 1.70nm
SLL 153.52 347 ePKP 26 40.10 9.7X
0.5s 1.30nm
S.D. = 0.5 on 5 of 12 obs.

SEP 26, 1985 23h 56m 37.08± 0.45s
33.619 N ± 5.3km 134.780 E ± 3.8km
DEPTH = 25.3 ± 3.7 km
4.7mb (2 obs.)
SHIKOKU, JAPAN (236)
Felt (III JMA) at Muroto-misaki.

26d 23h

(II JMA) at Okayama and Tokushima and (I JMA) at Wakayama and Kochi.

TKS	8.48	339	iPd	56 47.00	0.1
			iS	56 53.60	
MRT	8.62	234	iPc	56 50.90	1.6
			iS	56 59.00	
WKY	8.69	28	eP	56 50.00	-0.3
			iS	56 58.50	
SHJ	8.84	101	Pc	56 52.70	-0.2
			eS	57 04.00	
TKM	8.92	319	eP	56 53.00	-1.2
			iS	57 06.10	
KOC	1.04	267	Pc	56 55.60	-0.4
			iS	57 09.30	
KOB	1.12	17	eP	56 56.00	-1.1
			S	57 09.60	
OSA	1.22	30	eP	56 59.00	0.4
			S	57 15.00	
OSK	1.23	36	eP	56 58.00	-0.7
KYO	1.60	29	eP	57 05.00	1.0
			iS	57 24.30	
MTY	1.68	278	eP	57 05.00	-0.2
			e	57 24.00	
ASZ	1.73	239	eP	57 06.00	0.1
			S	57 24.70	
TYK	1.91	1	eP	57 09.00	0.5
TOT	1.95	345	P	57 09.00	-0.1
			S	57 28.40	
SHK	1.97	298	iPc	57 07.80	-1.6
			eS	57 19.60	
HIK	2.05	36	eP	57 10.00	-0.5
			S	57 32.60	
HIR	2.08	292	eP	57 11.00	0.0
			e	57 46.00	
MTS	2.31	323	eP	57 14.00	-0.2
			S	57 40.50	
NAG	2.38	49	eP	57 17.00	1.8
			eS	57 45.00	
GIF	2.42	42	eP	57 18.00	2.3
			eS	57 47.00	
HMD	2.58	300	P	57 27.10	9.1X
			IS	57 58.70	
OIT	2.67	263	eP	57 16.00	-3.3
			eS	57 40.00	
NOB	2.80	249	eP	57 22.00	0.9
			S	57 52.80	
MYZ	3.30	240	eP	57 31.00	2.8
			iS	58 05.00	
KUM	3.51	258	eP	57 32.00	0.8
			eS	58 12.00	
FKK	3.67	271	Pc	57 32.30	-1.3
			S	58 12.00	
SAG	3.76	266	eP	57 35.00	0.2
			eS	58 19.00	
MAT	4.05	43	iPd	57 38.50	-0.5
OYM	4.10	63	eP	57 39.30	-0.4
KAG	4.11	241	eP	57 41.00	1.2
			eS	58 29.00	
SRY	4.20	61	eP	57 42.50	1.4
DDR	4.34	56	eP	57 41.90	-1.2
			e	58 35.90	
TSK	5.08	58	eP	57 54.00	0.4
SSE	11.77	261	P	59 26.70	0.4
CN2	12.50	327	eP	59 45.00	8.9X
NJ2	13.49	268	eP	59 48.80	-0.4
TIA	14.72	285	eP	00 05.60	0.2
BJI	16.20	299	eP	00 28.00	3.4X
WHN	17.58	266	P	00 42.00	0.1
TIY	18.60	239	eP	00 55.60	1.0
HHC	19.01	298	eP	01 09.00	0.3
XAN	21.47	278	eP	01 26.50	0.7
MAN	22.60	217	eP	01 48.00	11.0X
LZH	25.45	284	Pd	02 06.00	1.2
CD2	26.32	273	eP	02 14.00	1.3
KMI	29.09	262	Pc	02 38.00	-0.1
WMQ	37.87	300	P	03 51.20	-0.8
NDI	48.98	281	eP	05 30.80	7.3X
			e(PP)	07 28.00	
			eSS	16 12.00	
WB2	53.26	181	eP	05 53.20	-2.7
WRA	53.26	181	Pc	05 53.90	-2.0
	1.0s		9.60nm		4.7mb
CTA	54.52	167	iPc	06 04.20	-0.9
	1.0s		7.50nm		4.7mb
SUF	68.52	332	eP	07 46.00	7.0X

S.D. = 1.2 on 46 of 52 obs.

? SEP 27, 1985 00h 17m 33.15± 1.41s
35.274 S ±14.9km 179.086 W ±23.6km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.08	214	eP	18 39.00	4.2X
			S	19 28.00	
KRP	5.07	237	P	18 54.00	5.2X
			S	19 57.60	
MNG	6.85	217	P	19 13.80	0.0
			S	20 36.00	
NOU	18.07	312	eP	21 34.50	-8.8X
DZM	18.25	312	iPd	21 32.90	-12.8X
KOU	20.71	311	iPc	22 12.40	-0.8
CTA	34.02	287	iPc	24 17.20	1.0
	0.8s		9.70nm		4.8mb
WB2	43.60	278	eP	25 35.80	-0.2
BNG	145.25	212	iPKPd	37 08.80	-0.8
	0.8s		13.00nm		
SUF	148.35	338	ePKP	37 14.00	0.9
	0.7s		2.40nm		
NB2	153.38	349	PKP	37 25.60	4.9X
	0.7s		1.10nm		
HFS	153.78	345	ePKP	37 25.70	4.4X
	0.7s		2.20nm		

S.D. = 1.0 on 6 of 12 obs.

• SEP 27, 1985 01h 18m 18.83± 1.78s
36.772 N ±17.0km 21.877 E ±15.8km
DEPTH = 33.0km (normal)
SOUTHERN GREECE (368)
ML 3.3 (ATH).

VLS	1.74	324	ePn	18 47.40	0.3
ATH	1.89	50	ePn	18 49.40	0.0
			eSg	19 27.80	
NPS	3.38	115	ePb	19 10.60	0.0
KZN	3.53	359	ePn	19 13.50	0.7
OHR	4.41	349	ePn	19 24.30	-1.0

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

• SEP 27, 1985 01h 20m 54.34± 0.77s
7.754 S ±12.0km 158.208 E ± 9.1km
DEPTH = 33.0km (normal)
4.0mb (2 obs.)
SOLOMON ISLANDS (193)

VSG	2.11	135	iP	21 28.00	0.0
			iS	21 55.00	
SVO	2.11	131	iP	21 28.50	0.5
			iS	21 51.50	
HNR	2.40	134	iPc	21 32.10	0.0
			eS	21 55.00	
PAA	3.06	298	eP	21 50.00	8.4X
			eS	22 42.00	
BGA	3.40	298	eP	21 59.00	12.5X
			eS	22 50.00	
KOU	14.02	156	iPc	24 19.20	6.3X
DZM	16.30	152	iPc	24 48.80	6.3X
NOU	16.51	152	iPd	24 51.60	6.5X
CTA	16.87	222	eP	24 55.00	5.4X
	1.0s		6.00nm		3.7mb
BRS	20.20	194	eP	25 29.00	-0.3
WB2	26.09	240	eP	26 27.70	0.6
WRA	26.10	240	Pd	26 27.60	0.4
	0.8s		7.90nm		4.4mb
SPA	82.30	180	e(P)	33 12.40	-1.5
COL	82.69	20	eP	33 15.00	-0.7
EUR	91.66	51	iP	34 01.00	0.9
	0.2s		13.96nm		6.0mb X
BAO	145.16	132	ePKPc	40 28.20	-3.1X

S.D. = 6.9 on 9 of 16 obs.

? SEP 27, 1985 01h 29m 50.42± 2.34s
36.512 N ±20.5km 21.840 E ±19.8km
DEPTH = 33.0km (normal)
SOUTHERN GREECE (368)
ML 3.6 (ATH).

VLS	1.94	329	ePn	30 22.50	0.8
ATH	2.09	45	ePn	30 24.90	1.1
			eSn	30 57.00	
			eSg	31 06.20	
NPS	3.31	111	ePb	30 40.80	-0.3
KZN	3.79	359	ePn	30 48.80	0.8
OHR	4.66	350	iPn	30 59.60	-0.8
VAY	4.84	7	ePn	31 01.00	-1.7
YER	5.21	81	eP	30 58.10	-10.0X
SKO	5.46	357	ePn	31 09.50	-2.1X

S.D. = 1.5 on 6 of 8 obs.

• SEP 27, 1985 01h 49m 58.44± 1.35s
41.864 N ±12.2km 19.312 E ±11.4km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.4 (TTG).

TTG	0.57	356	iPg	50 09.00	-0.9
			iSg	50 16.70	
HCY	0.84	314	ePg	50 14.00	-0.7
			eSg	50 27.00	
IVA	1.10	23	ePg	50 19.00	-0.1
			eSg	50 35.00	
BRY	1.18	331	ePg	50 22.00	1.4
			eSg	50 38.30	
OHR	1.35	123	ePn	50 23.00	-0.3
SKO	1.59	85	ePn	50 27.20	0.5

S.D. = 1.1 on 6 of 6 obs.

? SEP 27, 1985 01h 56m 41.32± 2.57s
35.284 S ±14.6km 178.959 E ±40.4km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
OFF E. COAST OF N. ISLAND, N.Z. (160)

GNZ	3.44	192	P	57 32.00	-1.8
			S	58 30.00	
KRP	3.81	225	P	57 51.00	11.9X
			S	58 51.50	
MNG	5.99	206	eP	58 11.30	1.3
			eS	59 32.00	
NOU	16.93	316	iPc	00 38.50	1.3
KOU	19.54	315	iPc	01 07.20	-1.9
CTA	32.50	289	iPc	03 12.30	1.1
	0.8s		9.33nm		4.7mb
ASPA	40.59	274	eP	04 20.00	0.4
WB2	42.02	279	iPd	04 30.30	-1.0
WRA	42.03	279	Pc	04 31.00	-0.4
	0.6s		7.60nm		4.6mb
SPA	54.90	180	e(P)	06 12.00	1.1
BNG	144.36	215	iPKPc	16 04.20	-12.1X
	1.0s		15.00nm		
			id	16 15.00	
KJF	146.19	338	iPKP	16 04.80	-13.0X
	0.7s		10.70nm		
SUF	147.74	337	ePKP	16 08.00	-12.3X

S.D. = 1.5 on 9 of 13 obs.

SEP 27, 1985 02h 06m 29.15± 0.31s
46.921 N ± 6.9km 153.533 E ± 5.1km
DEPTH = 33.0km (normal)
4.8mb (29 obs.)
KURIL ISLANDS (221)

MAT	15.41	233	(P)	10 03.00	-2.7X
	0.7s		23.97nm		4.5mb
BJI	27.77	269	eP	12 18.50	1.8
IMA	33.50	36	eP	13 07.10	-0.2
	0.8s		13.60nm		4.9mb
COL	35.85	38	iP	13 27.80	0.6
FBA	35.85	38	eP	13 27.50	0.3
INK	41.35	33	iPc	14 13.70	0.8
MBC	44.34	20	eP	14 38.00	0.8
YKA	50.62	37	eP	15 27.90	1.5
CHG	52.44	257	iPd	15 41.60	0.8
	0.9s		11.34nm		4.8mb
KKN	55.76	275	iPd	16 05.20	-0.1
PKI	55.81	275	iPd	16 05.60	-0.2
	0.8s		30.00nm		5.4mb
DMN	55.99	275	iPd	16 07.30	0.3
SOD	59.20	339	iPKP	16 26.80	-2.0
NDI	60.65	282	iPc	16 38.40	-0.8
	0.6s		33.33nm		5.6mb
EUR	62.84	60	iP	16 54.10	0.0
	0.3s		16.92nm		5.7mb
SUF	62.97	336	iP	16 51.70	-2.6
	0.4s		1.50nm		4.5mb
CLC	64.20	64	eP	17 03.00	0.1
BDW	64.40	54	iP	17 04.20	-0.1
	0.9s		3.08nm		4.4mb
FRB	64.79	19	ePd	17 04.60	-1.6

SBB	64.79	66	eP	17	07.00	0.3
MWC	64.95	66	eP	17	08.00	0.1
GSC	65.03	64	eP	17	08.00	-0.3
PLM	66.27	66	eP	17	16.00	-0.4
UPP	67.66	338	iP	17	23.10	-1.4
GLA	67.74	65	eP	17	25.00	-0.5
NB2	68.16	341	P	17	26.20	-1.5
	1.0s	20.70nm			5.2mb	
HFS	68.40	340	eP	17	27.80	-1.3
	0.4s	21.70nm			5.6mb	
WB2	68.77	199	eP	17	30.80	-1.0
WRA	68.77	199	Pc	17	31.00	-0.8
	0.5s	1.30nm			4.3mb	
GBA	70.71	269	P	17	43.00	-0.9
ALQ	71.50	59	eP	17	48.00	-0.7
	1.0s	5.25nm			4.5mb	
ASPA	72.46	199	eP	17	55.00	0.9
KRA	75.40	331	eP	18	10.20	-0.7
KSP	75.88	334	eP	18	13.00	-0.6
SPC	76.05	331	eP	18	26.20	11.4X
EKA	76.24	347	P	18	15.00	-0.6
	0.7s	1.80nm			4.2mb	
CLL	76.43	336	iPc	18	16.10	-0.6
	1.0s	21.00nm			5.1mb	
		i		18	28.60	
BRG	76.55	335	eP	18	16.80	-0.6
	1.2s	11.00nm			4.7mb	
PRU	77.16	334	P	18	20.90	0.1
		e		18	32.50	
MOX	77.41	336	eP	18	22.00	-0.2
	1.7s	27.00nm			5.0mb	
		e		18	35.00	
WTS	77.41	340	iPc	18	22.50	0.4
	0.7s	8.00nm			4.9mb	
		e		18	34.50	
		e		18	42.50	
SRO	77.88	331	eP	18	24.50	-0.2
ZST	77.95	332	e(P)	18	25.20	0.1
		i		18	37.70	
KHC	78.21	334	P	18	27.00	0.4
		e		18	39.50	
GRF	78.38	336	eP	18	28.10	0.6
		e		18	40.50	
STB	78.70	339	iP	18	29.70	0.5
		i		18	41.70	
ENN	78.76	340	iPc	18	30.10	0.6
	0.5s	10.00nm			5.1mb	
		e		18	42.00	
		e		18	50.50	
MEM	78.89	340	P	18	31.00	0.8
		e		18	43.00	
DOU	79.70	340	P	18	35.40	0.8
KBA	80.12	334	iPc	18	38.30	1.1
	0.6s	20.00nm			5.3mb	
		i		18	50.30	
BUH	80.12	337	eP	18	37.20	0.2
CDF	80.61	338	eP	18	39.60	-0.1
	0.8s	5.30nm			4.6mb	
OGA	81.00	335	iPc	18	42.70	0.8
	0.6s	6.00nm			4.8mb	
HAU	81.22	338	eP	18	42.80	0.0
BSF	81.27	338	eP	18	42.80	-0.4
	0.8s	7.40nm			4.7mb	
FLN	82.06	343	eP	18	47.40	0.3
GRR	82.49	343	eP	18	49.80	0.5
LOR	82.52	340	eP	18	49.50	-0.1
	0.8s	3.20nm			4.4mb	
LBF	82.76	340	eP	18	50.60	-0.2
SSF	82.80	340	eP	18	50.90	-0.1
LPF	82.87	343	eP	18	51.90	0.6
AVF	83.09	340	eP	18	52.50	0.0
	0.8s	3.30nm			4.5mb	
SMF	83.11	339	eP	18	52.70	0.1
	0.8s	5.90nm			4.7mb	
BGF	83.42	340	eP	18	54.20	0.0
	0.9s	3.10nm			4.4mb	
LPG	83.44	337	eP	18	54.80	0.1
	0.6s	4.50nm			4.8mb	
MZF	83.81	340	eP	18	56.90	0.7
	0.7s	4.20nm			4.7mb	
TCF	83.83	340	eP	18	56.60	0.3
LSF	84.02	341	eP	18	57.50	0.3
	0.9s	3.00nm			4.5mb	
MFF	84.05	342	eP	18	57.90	0.5
CAF	85.15	340	eP	19	03.50	0.6
FRF	85.26	337	eP	19	03.60	0.1
CDR	85.39	337	eP	19	05.50	1.3

			e	19	17.80	
LRG	85.44	337	eP	19	04.80	0.4
LMR	85.51	337	eP	19	05.10	0.4
	S.D. = 0.8	on	72 of	74	obs.	

* SEP 27, 1985 02h 14m 48.62± 0.83s
6.335 S ± 9.5km 146.705 E ±15.0km
DEPTH = 118.8 ± 8.7 km
3.9mb (2 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.43	137	iPd	15	06.00	-0.2
MDG	1.42	319	eP	15	15.50	0.1
PMG	3.09	172	iPc	15	37.00	0.3
	0.6s	226.67nm				
CTA	13.68	182	iP	18	04.10	5.2X
	0.6s	3.33nm			3.9mb	
WB2	18.08	220	eP	18	53.70	-0.1
WRA	18.09	220	Pc	18	53.80	-0.1
	0.5s	4.70nm			4.0mb	
INK	92.07	21	eP	27	45.60	0.0
JCT	113.41	60	ePKP	33	28.50	13.7X
	1.0s	9.00nm				
	S.D. = 0.3	on	6 of	8	obs.	

* SEP 27, 1985 03h 11m 53.42± 1.12s
35.185 S ±11.0km 178.870 W ±15.3km
DEPTH = 33.0km (normal)
5.4mb (3 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.26	215	P	13	00.00	2.5X
			S	13	53.00	
KRP	5.27	237	P	13	14.00	2.1
			S	14	17.00	
CRZ	6.99	274	P	13	37.70	1.6
MNG	7.02	218	eP	13	34.00	-2.6
			eS	14	50.00	
WEL	7.88	218	P	13	36.10	-12.5X
			S	15	15.90	
CIZ	8.94	169	eP	13	59.00	-4.1X
			eS	15	36.00	
MSZ	13.86	223	P	15	09.00	-0.6
			S	17	34.00	
NOU	18.14	311	iPc	16	04.80	0.3
DZM	18.33	312	iPd	16	06.50	-0.3
KOU	20.79	310	iPd	16	32.80	-1.4
WAM	26.15	258	eP	17	30.90	4.6X
RMO	29.02	278	eP	17	54.00	1.5
CTA	34.16	287	iPd	18	37.60	-0.1
	0.9s	46.22nm			5.4mb	
ASPA	42.36	273	eP	19	46.00	-0.2
SBA	43.22	184	e(P)	19	56.10	3.5X
WB2	43.76	278	iPd	19	56.70	-0.9
WRA	43.77	278	Pc	19	56.20	-1.5
	0.5s	49.20nm			5.5mb	
SPA	55.00	180	eP	21	25.50	1.8
	1.0s	17.50nm			5.0mb	
BNG	145.42	212	iPKPd	31	29.30	-0.9
	0.8s	52.00nm				
KJF	146.76	339	iPKP	31	30.80	0.0
	0.8s	33.70nm				
SUF	148.33	338	iPKP	31	34.70	1.3
	0.5s	6.20nm				
KIC	150.81	168	ePKP	31	43.30	4.6X
NB2	153.33	349	PKP	31	46.50	5.6X
	0.8s	6.20nm				
HFS	153.73	346	ePKP	31	46.90	5.4X
	0.3s	3.10nm				
	S.D. = 1.5	on	16 of	24	obs.	

SEP 27, 1985 03h 39m 08.52± 0.52s
9.829 S ± 2.6km 159.854 E ± 2.6km
DEPTH = 31.9 ± 3.6 km
6.2mb (50 obs.) 6.9Msz (31 obs.)
SOLOMON ISLANDS (193)
Ms 6.8 (BRK), 6.6 (PAS). Several houses destroyed. Felt (VII) at Viso ond (VI) at Honiara. Felt throughout Guodocanol. Several londslides on southern Guodolconal.
FAULT PLANE SOLUTION: P-Woves
NP1:Strike=113 Dip=62 Slip= 90
NP2: 293 28 90
Principal Axes:
T Plg=73 Azm= 23
P 17 203
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 sto: 9
Moment Tensor; Scale 10**26 d-cm
Mrr= 0.20 Mtt=-0.15
Mff=-0.04 Mrt= 0.92
Mrf= 0.01 Mtf= 0.53
Principal axes:
T Val= 1.08 Plg=43 Azm=334
N 0.01 29 96
P -1.08 33 207
Best Double Couple:Mo=1.1*10**26
NP1:Strike=352 Dip=30 Slip= 168
NP2: 93 84 61
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 42C M.W.: 9S, 22C
Centroid Location:
Origin Time 03:39:13.0 0.2
Lat 9.97S 0.02 Lon 159.84E 0.02
Dep 29.6 1.0 Half-duration 8.0
Moment Tensor; Scale 10**25 D-CM
Mrr= 4.53 0.08 Mtt=-3.37 0.06
Mff=-1.16 0.06 Mrt= 7.41 0.38
Mrf=-1.59 0.25 Mtf= 3.59 0.05
Principal Axes:
T Val= 9.01 Plg=58 Azm=354
N 0.61 15 110
P -9.62 27 208
Best Double Couple:Mo=9.3*10**25
NP1:Strike=331 Dip=22 Slip= 133
NP2: 106 74 74

HNR	0.40	13	iPd-	39	17.10	-0.5
VSG	0.59	346	iP	39	21.80	1.3
			iS	39	33.00	
SVO	0.68	357	iPc	39	22.50	0.8
			iS	39	33.00	
PAA	5.56	309	eP	40	32.00	0.6
			eS	41	54.00	
BGA	5.90	308	iPd	40	38.00	1.9
			eS	42	04.00	
ALOA	9.34	266	eP	41	28.00	3.9X
PVC	11.37	135	iPc	41	50.00	-1.8
KOU	11.49	159	iPd	41	51.60	-1.9
PMG	12.53	271	eP+	42	12.00	4.5X
LAT	13.11	283	iPc	42	19.00	3.8X
DZM	13.72	153	iPc	42	22.70	-0.6
NOU	13.93	154	iPd	42	25.00	-1.0
			iS	45	12.80	
MOM	14.60	301	eP	42	33.00	-1.7
MDG	14.67	287	eP	42	38.50	2.8
CTA	16.62	231	iPd-	43	00.30	-0.6
			iS	46	01.00	
WEW	17.27	290	eP	43	11.00	1.9
BRS	18.70	200	iPd	43	26.20	-0.5
			e	45	31.00	
			e	46	00.00	
			eS	47	00.00	
			eTT	59	30.00	
RMO	19.62	211	iPd	43	38.50	1.0
VUN	19.79	116	eP	43	40.00	0.7
SVA	19.83	117	eP	43	52.50	12.8X
COO	21.94	199	iPd	44	01.40	0.1
ISO	22.35	239	iPd	44	06.90	1.5
	0.8s	408.00nm			5.9mb	
CMS	25.18	209	iPd	44	32.70	0.0
RIV	25.19	197	eP	44	33.00	0.2
			eS	48	55.00	
YOU	26.51	202	iPd	44	45.40	0.3
WB2	26.58	245	eP	44	45.10	-0.8
			iScP	49	28.50	
			eS	50	45.00	
WRA	26.59	245	Pc	44	46.50	0.5
	1.3s	705.50nm			6.1mb	
CRZ	27.16	156	P	44	51.20	0.2
CAN	27.24	200	iPd	44	52.10	0.3
GUA	27.55	327	eP	44	53.10	-1.6
	1.3s	3523.08nm			6.9mb	
		PP		45	22.50	
		e(S)		49	31.50	
PJG	27.61	327	eP	44	53.20	-2.1

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STK	27.71	215	eP	44	55.00	-1.0			1.6s	225.00nm		5.9mb		SNY	61.24	330	iPc	49	21.50	-1.3	
	1.0s	412.00nm			6.1mb		KAG	49.82	327	eP	48	02.00	1.4				pP	49	30.00	28kmX	
AFI	28.05	101	P	44	58.00	-1.3				e	55	12.00					PcP	50	06.00		
			e(PP)	45	08.00		OSA	49.91	334	eP	48	02.00	0.8				S	57	37.50		
			e(S)	49	40.00					eS	55	12.00		SNG	61.37	284	iPc+	49	24.00	-0.2	
WAM	28.07	199	iPd	45	00.10	0.8	TVO	49.93	105	iP	48	02.50	0.7		1.5s	1888.89nm			7.0mb		
SLKI	28.27	271	eP	45	01.00	-0.2		1.6s	665.00nm			6.4mb					iS	57	43.00		
MTN	28.32	261	eP	45	02.00	0.3	TBI	50.16	112	iP	48	04.10	0.8	CN2	61.85	332	iPc	49	26.00	-1.0	
ASPA	28.34	238	iPd	45	00.70	-1.2		1.1s	310.00nm			6.2mb		PSI	61.94	278	iPc	49	26.50	-1.6	
TOO	30.51	293	iPd	45	21.40	0.3	MAT	50.42	337	iPc	48	03.70	-1.4	TSI	62.47	279	ePd	49	32.50	0.9	
KMA	30.86	256	iPc	45	24.20	-0.1		1.6s	1000.00nm			6.6mb					e(S)	49	41.50		
KRP	31.33	156	Pc	45	29.00	0.7				eS	55	22.00		PCT	62.84	292	iPd	49	34.00	0.0	
			pP	45	37.00	28kmX	OIT	50.56	329	eP	48	08.00	1.8	GYA	62.99	306	Pc	49	35.00	0.0	
			PcP	48	22.00		ANP	51.05	314	iP+	48	11.00	0.8				S	58	06.00		
			ScP	52	07.00					iS	55	26.00		RKT	63.44	111	iP	49	38.40	0.5	
			ScS	56	09.00		SHK	51.09	331	iPc	48	09.10	-1.1		1.1s	165.00nm			6.1mb		
BFD	31.40	207	iPd	45	28.80	-0.1				eS	55	26.00		LOE	63.48	295	eP	49	38.00	-0.3	
	1.2s	480.00nm			6.2mb		PMO	51.19	101	iP	48	12.30	1.0	SMY	63.49	10	eP	49	37.40	-0.3	
ADE	31.61	214	iPd	45	30.10	-0.7		1.6s	395.00nm			6.1mb			Z 20s	75.00um			6.9Msz		
	1.1s	443.04nm			6.2mb					ipP	48	31.80	78kmX	NNT	63.73	289	eP	49	41.00	1.1	
AAI	32.01	279	ePd	45	33.90	-0.6	SAG	51.25	328	eP	48	11.00	-0.4	BJI	63.99	324	iPc+	49	40.00	-1.2	
	0.6s	172.30nm			6.1mb					eS	55	30.00			Z 22s	16.40um			6.2Msz		
GNZ	32.99	153	P	45	41.00	-1.7	SAG	51.25	328	eP	48	13.00	1.6		N 18s	23.20um					
			eS	50	45.00		VAH	51.45	102	iP	48	14.00	0.8				esP	50	24.00		
MNG	33.65	158	eP	45	47.90	-0.6		1.6s	240.00nm			5.9mb					eS	58	16.00		
			ePP	47	13.00					ipP	48	33.40	78kmX				esS	59	07.00		
TCW	33.76	169	P	45	48.10	-1.3	TPT	51.46	101	iP	48	14.30	0.9				eSS	02	28.00		
WEL	33.99	160	P	45	51.20	-0.2		1.6s	260.00nm			5.9mb		NST	64.33	293	eP	49	43.50	-0.3	
Z	19s	116.67um			6.6Msz					ipP	48	33.50	77kmX	ADK	64.71	16	P	49	45.00	-0.6	
N	18s	68.73um					HON	51.68	53	P	48	16.00	1.1	TIY	64.82	320	iPc	49	46.00	-0.7	
E	18s	87.97um					RUV	51.69	102	iP	48	15.70	0.6				pP	49	54.50	27kmX	
			S	51	14.00			1.6s	250.00nm			5.9mb					S	58	28.00		
TAU	34.73	196	iPc	45	59.70	2.0				ipP	48	35.20	78kmX	XAN	65.09	315	iPc	49	47.40	-1.1	
			eS	51	20.00		MIY	51.95	342	eP	48	16.00	-0.6				S	58	28.00		
MSZ	35.41	170	P	46	03.80	0.3				eS	55	46.00		KHT	65.48	291	ePc	49	52.00	0.9	
KUPT	35.69	266	ePd	46	08.50	2.2	OZH	53.03	311	iPc	48	24.00	-1.0	KMI	65.58	303	iPc+	49	52.00	-0.1	
	1.5s	120.50nm			5.6mb					pP	48	32.00	26kmX		5.0s	7.90nm			4.1mb X		
			e(S)	48	12.50					S	55	54.00			E 18s	29.00um					
KUG	35.70	266	ePd	46	08.50	2.1	OBI	54.65	345	eP	48	37.00	0.4				PcP	50	14.00		
	1.5s	3.00nm			4.0mb X		HKC	55.00	306	iP	48	40.00	0.5				sP	50	52.00		
			e(S)	48	12.50					iS	56	25.00					PPP	54	06.00		
			e	54	10.50		SSE	55.04	319	iP+	48	39.00	-0.7				S	58	39.00		
DAV	38.06	295	iP+	46	24.00	-2.2		5.0s	8.20nm			4.0mb X					sS	59	52.00		
WSI	38.97	267	ePd	46	38.00	4.1X	Z	22s	36.30um			6.4Msz		BDT	65.87	294	eP	49	50.00	-3.7X	
			e	58	36.50		N	18s	17.50um						1.2s	421.20nm			6.4mb		
MBL	40.07	249	eP	46	43.00	0.1	E	16s	13.80um					CHG	66.45	295	iPc+	49	57.80	0.3	
RAR	40.40	111	P	46	44.00	-1.6				e	49	35.00			1.3s	283.65nm			6.2mb		
			S	53	00.00					sP	49	41.00					eS	58	52.00		
KLG	41.32	234	eP	46	53.00	0.0				PPP	52	14.00		HHC	67.24	322	Pc	50	01.80	-0.4	
MEK	42.41	241	eP	47	03.00	0.9				ScP	53	13.00		CD2	67.31	309	iPc	50	02.50	-0.3	
BKB	43.53	279	iPc	47	16.20	4.9X				S	56	15.00					S	58	56.00		
	0.9s	1177.30nm			6.7mb		SAP	55.28	344	iP	48	40.50	-0.7	BTO	68.03	321	iPc	50	07.00	-0.2	
KHKI	43.69	268	ePc	47	11.30	-1.3				eS	56	24.00					S	59	03.00		
KLB	44.56	235	iPc	47	19.40	-0.1	MCO	55.40	305	eP	48	41.40	-1.0	SBA	68.10	178	iPc	50	08.80	1.9	
MVI	45.07	322	eP	47	25.00	1.4	GZH	56.05	306	Pc	48	47.40	0.4		1.5s	500.00nm			6.4mb		
			S	54	05.50					PPP	52	14.00		LZH	69.71	314	iPc	50	18.00	0.3	
MRWA	45.29	238	eP	47	24.00	-1.3				S	56	30.50			2.0s	2560.00nm			7.0mb		
	0.6s	95.00nm			5.9mb					PS	56	49.00					sP	50	35.00		
PPR	45.32	294	iPd	47	27.00	1.3	QIZ	57.03	300	iPc	48	55.00	0.8				PP	52	38.00		
			iS	47	48.00					iS	56	51.50					PPP	54	42.00		
NWAO	45.44	233	eP	47	27.00	0.5	NJ2	57.18	318	iPc	48	54.50	-0.5				iS	59	24.00		
MAN	45.50	302	eP	47	27.00	0.0				iPP	51	00.00					sS	59	42.00		
MUN	45.94	235	eP	47	31.00	0.6	KGM	57.51	279	ePd	48	57.40	-0.2	GTA	74.09	316	iPc	50	44.60	0.9	
KKM	46.25	288	ePc	47	33.20	0.1		1.1s	554.60nm			6.5mb		SHL	74.87	300	eP	50	48.00	-0.5	
	0.6s	256.70nm			6.3mb					e	49	11.40					iS	00	24.00		
CVP	46.47	306	iPc	47	36.00	1.3	DRV	58.34	189	eP	49	02.00	-0.6	LSA	76.83	304	iPc	50	59.00	-0.9	
	1.0s	183.00nm			6.0mb		WHN	59.33	314	iPc	49	09.10	-0.9	CAL	77.02	296	iP	51	03.00	2.5	
TRT	46.69	269	ePd	47	36.20	-0.4				PP	51	24.00		KDC	77.71	24	eP	51	03.00	-0.6	
	0.6s	61.00nm			5.8mb					S	57	16.00		BOK	79.64	296	iP	51	15.00	0.1	
BAG	46.80	304	iP+	47	36.00	-1.5	KLM	59.38	280	eP	49	07.00	-3.7X				iS	01	11.00		
			iS	54	20.00		PPI	59.86	275	ePc	49	12.70	-1.3	TTA	80.05	19	eP	51	16.30	-0.1	
SZP	47.49	305	iPc	47	50.00	7.2X		0.8s	163.50nm			6.2mb		SPA	80.24	180	eP	51	18.40	1.0	
SJI	47.54	268	ePc	47	42.60	-0.7	DL2	60.13	326	iPc	49	14.00	-1.4		1.8s	651.85nm			6.3mb		
			eS	54	47.30		IPM	60.33	281	ePc	49	14.20	-3.0		Z 20s	31.53um			6.7Msz		
			e	59	56.00			1.0s	209.80nm			6.2mb					e	01	19.00		
PIP	47.77	306	ePc	47	45.00	0.0				e	49	20.80					e	17	45.00		
OYM	49.04	338	eP	47	54.00	-0.6				e	51	33.90					e	21	35.00		
SRY	49.19	338	eP	47	54.50	-1.2	MDJ	60.71	336	iPc	49	18.70	-0.5	VIS	80.38	290	iP	51	19.00	0.2	
AFR	49.42	105	iP	47	58.60	0.9				pP	49	27.00	27kmX				iS	01	38.00		
	1.6s	355.00nm			6.1mb					sP	49	30.00		PMR	81.51	22	P	51	23.50	-0.4	
TSK	49.43	339	eP	47	56.70	-0.8				PcP	50	03.00			Z 19s	62.75um			7.0Msz		
DDR	49.57	338	eP	47	57.70	-1.0				PPP	53	01.50		PME	81.57	22	eP	51	22.50	-1.8	
PAE	49.61	105	iP	48	00.00	0.8				S	57	28.00			1.0s	400.00nm			6.4mb		
	1.6s	240.00nm			6.0mb					PS	57	46.50			Z 20s	55.00um			6.9Msz		
PPT	49.61	105	iP	48	00.40	1.1	TIA	60.94	321	eP	49	19.50	-1.5	VAR	82.47	297	eP	51	30.00	0.3	
	1.6s	310.00nm			6.1mb					PP	51	31.00		IMA	82.99	17	eP	51	31.40	-0.3	
PPN	49.75	105	iP	48	00.90	0.6				eS	57	33.00			1.0s	240.00nm			6.3mb		

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MAW	83.64	203	eP	51	36.00		1.1
COL	84.07	20	iP	51	35.90		-1.2
	Z 20s	42.20um				6.8Msz	
			eS	02	16.00		
FBA	84.07	20	eP	51	35.50		-1.6
WMQ	84.17	316	iPd	51	38.00		-0.1
			S	02	03.00		
KOD	84.34	281	ePc	51	41.00		1.2
HYB	84.73	289	ePc	51	41.00		-0.3
	1.5s	2167.50nm				7.1mb	
			e	51	50.00		
			eSKS	02	07.50		
GBA	85.02	285	P	51	43.30		0.6
BRW	85.96	13	eP	51	48.00		1.6
FHC	86.07	48	eP	51	48.40		0.8
NWRM	86.24	50	P	51	48.40		0.0
PCC	86.37	51	eP	51	48.90		-0.2
GCC	86.54	52	eP	51	50.40		0.4
BRK	86.56	51	eP	51	50.10		0.1
BKS	86.58	51	ePc	51	50.60		0.5
	0.7s	28.00nm				5.6mb	
	Z 20s	34.00um				6.7Msz	
	N 20s	37.00um					
	E 20s	15.00um					
			eS	02	30.00		
			ePPS	03	50.00		
			LQ	15	00.00		
GAS	86.69	49	P	51	52.00		1.2
PHC	86.83	37	eP	51	53.00		2.0
PRS	86.85	52	eP	51	52.20		0.7
MHC	86.90	51	eP	51	52.20		0.3
			e	55	16.70		
SAO	86.90	52	e(P)	51	51.60		-0.2
ARN	86.98	51	iP	51	52.00		-0.2
WDC	87.06	48	iPc	51	52.80		0.4
			e	55	21.00		
SLD	87.16	52	P	51	53.60		0.6
LLA	87.26	52	eP	51	54.00		0.5
PRI	87.36	53	ePc	51	54.90		0.8
			e	55	13.00		
			eS	02	26.00		
SYP	87.52	55	eP	51	55.00		0.1
ORV	87.57	49	ePc	51	54.80		-0.1
COR	87.61	44	iPd	51	57.00		2.1
MIN	87.69	49	ePc	51	55.30		-0.3
JAS1	87.98	51	iPc	51	57.10		0.2
			ePKKP	09	50.00		
			eP'P'	17	52.50		
BFW	88.20	42	P	51	58.00		0.2
NDI	88.28	299	iPd	51	58.50		0.0
	1.0s	250.00nm				6.5mb	
	Z 22s	11.85um				6.3Msz	
			iPP	55	00.00		
			iPPP	57	20.00		
			iSKS	02	34.00		
			iS	02	37.00		
			iPS	03	46.00		
			iSS	08	44.00		
			iSSS	11	56.00		
FRI	88.31	52	eP	51	58.50		0.0
			e	55	20.00		
			eP'P'	18	52.50		
PGC	88.65	40	eP	52	02.00		2.2
GMW	88.78	41	P	52	00.00		-0.5
KAD	88.80	288	iP	52	02.00		0.8
PAS	88.89	55	iP+	52	01.00		-0.3
			ePP	55	36.00		
			ePPP	56	54.00		
			iSKS	02	50.00		
			iPPS	03	52.00		
			iPKKP	08	08.00		
			eSS	08	52.00		
			iSS	12	28.00		
			eLg	15	18.00		
			eLR	19	14.00		
ISA	88.98	54	eP	52	03.00		1.2
MWC	89.00	55	eP	52	02.00		-0.1
SBB	89.29	55	iP+	52	03.00		-0.3
			e	55	36.00		
POO	89.34	289	iP	52	05.00		1.3
			iS	02	51.00		
RVR	89.50	56	eP	52	03.00		-1.2
VPEM	89.56	54	P	52	05.00		0.3
CLC	89.71	54	iP+	52	05.00		-0.2
PLM	89.79	56	iP+	52	05.00		-0.8
			e	55	45.00		
MNA	89.83	51	ePc	52	06.30		0.4
			e	55	39.00		
GSC	90.23	54	eP	52	08.00		0.3
			e	55	42.00		
BOM	90.37	289	iPnd	52	08.90		0.5
			eS	03	02.80		
TPC	90.60	56	eP	52	10.00		0.6
INK	90.69	20	eP	52	08.00		-1.0
	1.6s	252.00nm				6.3mb	
NOP	90.92	54	P	52	11.00		0.2
BMN	90.97	49	iP	52	12.00		0.9
SYO	91.22	198	iP	52	12.00		0.5
PNT	91.27	40	ePc	52	11.00		-1.1
	1.2s	201.00nm				6.4mb	
MFW	91.29	44	P	52	12.30		0.1
GLA	91.40	57	eP	52	14.00		0.9
KSH	91.48	310	iPc	52	15.00		1.6
EUR	91.72	50	iP	52	15.00		0.3
	0.2s	60.01nm				6.7mb	
NEW	92.65	42	eP	52	18.00		-0.5
	1.0s	70.00nm				6.0mb	
	Z 18s	60.00um				7.1Msz	
HPI	94.59	47	P	52	28.60		0.8
LRM	95.37	45	eP	52	30.50		-0.8
EDM	95.88	37	eP	52	32.00		-1.2
YKA	96.58	28	eP	52	35.80		-0.3
YKC	96.64	28	eP	52	35.00		-1.4
	2.0s	610.00nm				6.8mb	
SES	96.92	40	ePc	52	38.00		0.0
BDW	97.01	48	eP	52	39.00		0.2
	1.0s	63.00nm				6.1mb	
MBC	97.29	14	eP	52	40.00		0.9
	0.7s	27.00nm				5.9mb	
QUE	97.36	299	iPc+	52	40.00		-0.6
			eS	03	20.00		
ALQ	98.56	56	eP	52	45.50		-0.4
	1.0s	17.50nm				5.5mb	
	Z 19s	45.14um				7.0Msz	
SNA	99.11	186	eP	52	49.00		1.5
GOL	99.86	51	eP	52	53.00		1.2
	Z 20s	51.00um				7.0Msz	
GLD	99.98	51	eP	52	57.50		5.2X
LTX	100.36	62	ePdiff	52	55.10		0.9
	2.0s	74.29nm				5.9mb	
FFC	102.67	36	iPdiff	53	04.30		0.6
	1.8s	78.00nm				6.1mb	
JCT	103.79	61	ePdiff	53	12.00		2.7
	Z 21s	40.14um				6.9Msz	
ALE	105.31	5	ePdiff	53	15.50		0.6
	1.9s	128.00nm				6.6mb	
TUL	107.30	55	(PKP)	57	47.30		13.5X
	1.4s	93.00nm					
VVO	107.35	56	(PKP)	57	44.30		10.4X
RLO	107.92	55	(PKP)	57	41.70		6.7X
RSON	107.94	40	PKP	57	33.70		-0.8
	Z 20s	64.41um				7.2Msz	
BHO	108.07	57	(PKP)	57	51.30		16.0X
DAG	113.08	360	iPKPc	57	42.50		-1.0
	0.8s	9.70nm					
			i	58	25.00		
			iS	08	26.00		
KEV	113.10	344	ePdiff	53	52.00		2.3
KEV	113.10	344	ePKP	57	51.00		7.3X
	1.0s	30.00nm					
			ePP	58	32.00		
			epPP	00	30.00		
			eSKS	04	20.00		
			e	05	36.00		
			eS	06	24.00		
			eSP	08	00.00		
			eSPP	09	16.00		
			epPS	09	52.00		
SOD	114.68	342	iPKP	57	47.10		0.2
			i	58	43.00		
KJF	116.22	339	ePdiff	54	00.00		-3.8X
KJF	116.22	339	iPKP	57	48.80		-1.1
	0.9s	54.10nm					
			iPP	58	49.00		
			epPP	00	40.00		
			e	04	40.00		
			eS	06	00.00		
			eSP	08	24.00		
			eSPP	09	52.00		
			epPS	10	32.00		
			eSS	15	12.00		
FRB	116.29	22	ePKP	57	51.00		1.0
BHD	116.59	302	ePKPd	57	53.00		1.4
			i	59	01.00		
			iS	59	11.00		
GDH	116.85	13	ePdiff	54	08.00		1.6
	Z 20s	34.04um				7.0Msz	
			i	58	55.00		
			i	68	43.00		
			i	15	55.00		
MSL	117.23	306	ePKP	57	52.00		-0.7
			e	58	54.00		
			eS	59	00.50		
SUF	117.66	338	iPKP	57	51.00		-1.7
	0.7s	27.50nm					
NUR	119.56	336	ePdiff	54	16.00		-2.7
NUR	119.56	336	iPKP	57	55.20		-1.1
	0.8s	63.10nm					
			ePP	59	02.00		
			eSKS	04	44.00		
			eS	06	22.00		
			ePKKP	07	31.00		
			eSP	08	56.00		
			eSPP	10	32.00		
			eSS	15	48.00		
			eSSS	19	52.00		
VCA	119.82	131	ePKPd	57	59.00		0.9
RTB	120.02	302	ePKPc	57	58.50		0.3
			i	58	06.50		
			eS	59	12.00		
			e	59	25.50		
EVA	120.10	232	ePKP	58	00.00		1.3
	1.0s	40.00nm					
OTT	120.86	43	ePKP	57	58.00		-1.3
	0.7s	32.00nm					
TET	120.90	245	ePKP	58	04.00		3.8X
			ePcP	59	12.00		
			ePP	00	16.00		
			e	08	15.00		
SLR	121.10	232	iPKPc	58	05.00		4.4X
	1.2s	70.31nm					
	Z 20s	3.55um				6.0Msz	
UPA	121.47	85	ePKP+	58	08.00		6.6X
	Z 20s	13.12um				6.6Msz	
BFS	121.65	230	iPKPd	58	02.20		0.6
	1.4s	213.95nm					
RSNY	121.93	43	ePKP	58	01.30		-0.1
	Z 20s	4.52um				6.1Msz	
SCH	122.00	30	ePKP	58	00.00		-1.2
			pP	59	33.00		
MNT	122.21	42	ePKP	58	01.50		-0.3
NAI	122.25	262	iPKPd	58	06.00		2.8X
	1.0s	60.00nm					
MTD	122.42	243	ePKP	58	04.90		1.7
PSO	122.52	95	ePKP	58	04.00		0.1
SUR	122.64	221	iPKPc	58	03.50		0.1
	1.4s	232.56nm					
	Z 17s	23.81um				6.9MszX	
UPP	122.65	338	ePdiff	54	24.00		-8.4X
			i	58	02.20		
ARE	122.88	117	ePKP	58	04.00		-0.3
LPA	122.92	143	ePKP+	58	02.00		-1.5
	Z 20s	12.06um				6.5Msz	
BUL	123.53	238	iPKPc	58	04.40		-1.0
	0.9s	51.26nm					
	N 21s	15.77um					
	E 21s	19.35um					
			i	59	54.20		
BHL	123.70	304	PKP	58	05.00		-0.3
HRI	123.76	303	iPKP	58	05.50		0.1
HFS	123.81	340	ePKP	58	02.30		-2.2
	0.6s	13.90nm					
NB2	123.90	342	PKP	58	03.20		-1.6
	1.3s	126.60nm					
SLA	124.01	129	ePKP	58	04.40		-1.8
KRI	124.12	242	iPKPc	58	06.00		-0.6
AKU	124.20	359	iPKP	58	06.50		1.4
	1.6s	213.33nm					
JER	124.49	302	iPKP	58	07.00		0.2
STH	124.57	75	iPKP	58	01.87		-5.4X
PRNI	124.90	300	iPKP	58	07.50		-0.1
YJA	125.33	126	e(PKP)	58	01.80		-7.4X
KONO	125.50	342	ePKP	58	07.50		-0.3
TPZ	125.52	125	PKP	58	10.30		0.8
			i	58	18.10		
CFR	125.70	319	ePKPd	58	10.00		1.4
REY	125.76	1	iPKP	58	10.40		2.2
CNCB	125.80	119	ePKP	58	10.00		-0.4
			i	58	17.80		
LPB	125.81	119	PKPc	58	07.70		-2.6
	1.4s	186.05nm					

27d 03h

	Z 25s	10.84um		6.4MszX				e	58	19.20		KBA	133.28	329	iPKPd	58	22.90	-0.4
		PP	00	05.00				e	58	26.50			1.4s	116.00nm				
		SKS	05	16.00				e	01	42.00					i	58	26.80	
		LR	30	08.00		VKA	130.98	328	iPKPc	58	17.90	-0.8				i	58	31.00	
LSZ	126.01	243	iPKP	58	10.50	0.2		3.0s	940.00nm							i	00	37.20	
	1.4s	112.90nm						Z 23s	13.10um		6.6MszX					iPP	00	52.40	
GPA	126.10	313	iPKP	58	07.90	-1.8				i	58	27.50					i	00	59.00	
WAR	126.15	330	e(PKP)	58	00.00	-9.3X				iPP	00	36.50		TNS	133.30	335	ePKP	58	24.10	1.0
	Z 24s	200.00um		7.7MszX		VAY	131.07	317	iPKP	58	18.00	-1.0				e	01	53.00	
		e(S)	10	00.00		TOV	131.12	86	ePKP	58	20.00	0.0		LJU	133.33	327	iPKPd	58	24.00	0.8
		e	17	32.00		SOP	131.22	328	iPKPd	58	19.60	0.5				i	58	32.00	
BCK	126.80	310	iPKP	58	09.70	-1.5		2.0s	276.50nm							ePP	00	52.00	
MLR	126.96	321	ePKPd	58	10.00	-1.3	NPS	131.31	309	ePKP	58	22.00	2.3				ePKS	01	50.00	
CCH	127.11	121	PKP	58	11.50	-1.1	WIN	131.33	228	iPKPd	58	21.50	1.1				e	10	48.00	
BUC	127.35	319	ePdiff	55	04.00	10.2X		1.5s	277.78nm					FUR	133.55	331	ePKP	58	24.20	0.6
MSR	127.40	322	ePKP	58	10.00	-2.0	SKO	131.50	319	iPKPd	58	20.00	0.1		Z 22s	26.30um			6.9Msz	
ELL	127.54	309	iPKP	58	12.70	0.1		1.7s	470.00nm					STB	133.66	336	iPKPc	58	23.50	-0.2
DST	127.55	313	ePKP	58	10.20	-2.3		Z 20s	18.10um		6.8Msz						iPP	00	53.30	
COP	127.60	337	iPKPd	58	13.00	1.1		N 19s	15.40um					VOY	133.68	327	iPKP	58	23.30	-0.7
	1.0s	120.00nm						E 19s	12.50um								i	59	25.40	
		i	58	20.00					i	58	27.00			KLL	133.83	337	ePKP	58	23.20	-0.8
		iS	10	20.00					i	01	45.00						iPP	00	53.70	
BMG	127.61	89	ePdiff	54	52.00	-3.9X	EDU	131.51	347	ePKP	58	17.30	-2.1	VLS	133.86	314	ePKP	58	24.40	-0.1
BMG	127.61	89	ePKP	58	10.00	-3.4X				e	00	34.80		ENN	133.88	337	ePKPd	58	24.50	0.5
		ePP	00	03.00					i	01	45.70				1.0s	58.00nm				
KRA	128.00	328	ePKP	50	12.20	-0.7	MOX	131.63	333	ePdiff	55	13.00	0.3				epPKP	58	32.50	
	Z 22s	38.00um		7.0Msz		MOX	131.63	333	iPKP	58	21.00	1.2					ePP	00	41.00	
	N 22s	28.80um					2.6s	380.00nm									epPP	00	54.00	
	E 22s	25.60um							epPKP	58	28.00			TRI	133.96	327	iPKP	58	24.50	0.1
		e	58	13.80					iPP	00	42.00						ipPKP	59	24.00	
		e	58	20.70					ipPP	00	48.00						iPP	00	50.50	
		e	00	08.00					iPKS	01	46.00						iPKS	01	52.00	
		e	10	18.00					eSKKS	07	40.00						ipPKS	02	50.00	
HLW	128.10	300	iPKPc	58	14.10	0.4				ePS	10	40.00					iSKKS	07	50.00	
		S	07	24.00					ePPS	12	32.00						iPSKS	10	52.00	
MUD	128.18	340	iPKPc	58	14.10	1.1				eSS	18	00.00					iSPP	14	00.00	
	1.2s	90.00nm				ATH	131.72	313	iPKPc	58	20.00	-0.4					iSS	19	00.00	
SPC	128.35	327	ePKP	58	14.50	0.6	KHC	131.78	331	ePKP	58	10.60	-9.6X				isSS	20	40.00	
PVL	128.52	318	iPKPd	58	14.00	-0.1		Z 20s	20.70um		6.8Msz						iSSS	23	52.00	
YER	128.65	310	iPKP	58	15.10	0.4		N 20s	10.90um								isSSS	25	04.00	
DIM	128.72	317	ePKP	58	14.00	-0.5		E 20s	10.80um					MEM	133.98	337	PKP	58	11.10	-13.1X
GZH	128.97	322	iPKPc	58	15.00	0.0				i	58	19.50					e	58	25.10	
IZM	128.97	312	ePKP	58	15.00	-0.2				i	58	28.10					PP	00	55.00	
KDZ	129.05	310	iPKP	58	15.00	-0.2				e	01	59.60					SPP	10	43.00	
EZH	129.12	314	iPKP	58	15.40	0.1	EBH	131.90	348	ePKP	58	18.00	-2.1	CAR	133.98	85	ePKP	58	25.00	-0.5
PSZ	129.27	326	iPKP	58	15.80	0.3	WIT	131.96	338	ePKP	58	22.00	1.7	UCC	134.44	338	PKP	58	17.00	-8.1X
KSP	129.33	331	ePKP	58	15.00	-0.4				epPKP	58	30.00					e	58	24.00	
		e	00	31.00					epPP	58	43.00						PP	00	57.00	
PRK	129.38	313	ePKP	58	16.90	1.0	ESY	132.01	347	ePKP	58	19.80	-0.5				e	01	58.00	
BRL	129.59	334	ePKP	58	17.50	1.7				e	01	48.00					SPP	11	10.00	
BRN	129.66	334	ePKPc	58	17.50	1.5	KZN	132.07	317	ePKP	58	20.40	-0.7	BUH	134.57	334	ePKP	58	17.00	-8.5X
		ePP	00	27.00		EAB	132.12	348	ePKP	58	19.00	-1.5	SNF	134.70	338	PKP	58	19.20	-6.4X
LWI	129.81	259	ePKPc	58	17.70	0.0				e	00	37.30					e	58	28.10	
VTS	130.06	319	iPKPc	58	19.00	2.0	KMR	132.23	329	iPKP+	58	20.90	-0.1				PP	01	00.00	
MMB	130.17	317	ePKP	58	18.00	0.6				i	58	29.40		SJG	134.70	74	e(PKP)	58	16.00	-10.6X
SRO	130.20	327	iPKP	58	17.80	0.7				i	00	41.80			1.0s	60.00nm				
	N 20s	27.80um								i	01	49.30			Z 20s	8.51um			6.5Msz	
	E 20s	21.60um				EBL	132.23	347	ePKP	58	19.90	-0.9		DOU	134.93	338	PKP	58	14.00	-12.1X
		i	58	25.10			0.7s	112.00nm							Z 22s	32.70um			7.0Msz	
		i	59	11.50		EAU	132.26	347	ePKP	58	19.80	-1.0					e	58	21.00	
		i	00	25.40					e	00	38.20						e	58	27.00	
		e	10	50.90					e	01	47.50						PP	01	02.30	
SDV	130.21	87	ePKP	58	17.20	-1.2	OHR	132.34	318	iPKP	58	20.60	-1.0				e	02	02.00	
BRG	130.41	332	iPKPc	58	17.90	0.4				i	01	44.50					SPP	11	11.00	
	Z 20s	26.00um		6.9Msz		GRF	132.49	333	ePdiff	55	16.50	-0.1		CDF	135.18	334	ePKP	58	15.50	-11.3X
	N 20s	21.00um					Z 19s	25.00um		6.9Msz				ETA	135.78	348	ePKP	58	26.30	-1.3
	E 20s	16.00um				GRF	132.49	333	iPKPc	58	22.10	0.6			1.3s	130.00nm				
		i	58	25.30					e	58	29.00			BSF	135.83	334	ePKP	58	16.80	-11.2X
		ipPKP	58	57.60		WTS	132.57	338	iPKP	58	19.00	-2.5		HAU	135.89	335	ePKP	58	17.00	-11.0X
		eSKP	01	40.00		EKA	132.67	347	PKPc	58	23.30	1.7		ECB	136.21	348	ePKP	58	27.20	-1.2
CLL	130.54	333	iPKP	58	17.50	-0.2		1.1s	30.50nm						1.3s	170.00nm				
	Z 19s	27.00um		7.0Msz		TTG	132.67	320	ePKP	58	22.20	0.2		ECP	136.30	348	ePKP	58	27.80	-0.8
		pPKP	58	25.50					e	10	23.00				1.5s	440.00nm				
		PKS	01	42.00		ESK	132.69	347	ePKP	58	21.00	-0.7		LOR	137.50	336	ePKP	58	20.30	-10.8X
		SKKP	11	17.00		DBN	133.08	339	iPKP+	58	22.00	-0.4		LPG	137.62	332	ePKP	58	21.40	-10.4X
ZST	130.61	328	iPKPc	58	18.30	0.4		Z 20s	25.50um		6.9Msz			LBF	137.68	335	ePKP	58	20.90	-10.6X
		i	58	25.40					ePP	00	44.00			SSF	137.81	336	ePKP	58	20.90	-10.8X
		i	58	45.80					eSKP	01	52.00			FLN	137.84	341	ePKP	58	21.70	-10.0X
		e	59	36.80					eSKS	05	28.00			LDF	137.86	340	ePKP	58	21.90	-9.8X
		e	00	49.00					eSKKS	07	34.00			SMF	138.01	335	ePKP	58	21.40	-10.7X
BEO	130.67	322	iPKP	58	18.60	0.5				eSP	10	56.00		AVF	138.09	336	ePKP	58	21.80	-10.4X
BEO	130.67	322	iPKP	58	18.60	0.5				eSPP	12	38.00		VAO	138.12	141	ePKP	58	26.10	-7.0X
PRU	130.74	331	ePKP	58	17.50	-0.6				eSS	18	18.00					e	58	52.40	
	2.3s	344.10nm								eSSS	23	44.00					e	59	33.50	
	Z 22s	38.20um		7.1Msz		BNS	133.24	337	ePdiff	55	22.50	2.7X		GRR	138.29	341	ePKP	58	22.60	-9.9X
	N 22s	26.30um				BNS	133.24	337	iPKPc	58	23.00	0.2		BGF	138.48	336	ePKP	58	22.90	-10.0X
	E 18s	6.10um							e	00	43.50			LPF	138.66	341	ePKP	58	23.80	-9.3X

CVF	138.67	327	ePKP	58	23.80	-9.6X
MZF	138.87	336	ePKP	58	23.60	-10.0X
TCF	138.96	338	ePKP	58	23.50	-10.3X
FRF	139.11	330	ePKP	58	24.80	-9.3X
LSF	139.26	337	ePKP	58	23.80	-10.5X
LRG	139.33	330	ePKP	58	25.50	-9.0X
LMR	139.34	330	ePKP	58	25.10	-9.5X
CDR	139.45	331	ePKPc	58	28.20	-6.6X
			e	58	35.40	
			i	58	42.30	
			ePP	01	26.20	
MFF	139.58	339	ePKP	58	24.60	-10.3X
FDF	139.68	79	ePKP	58	29.00	-7.0X
BMA	140.03	144	ePKP	58	29.80	-6.7X
RJF	140.04	336	ePKP	58	25.00	-10.8X
CAF	140.13	335	ePKP	58	25.60	-10.4X
RDJ	140.40	145	iPKPd	58	32.40	-4.6X
LFF	140.66	336	ePKP	58	27.30	-9.6X
LPO	140.69	336	ePKP	58	27.00	-9.9X
BNG	141.26	265	iPKPd	58	31.60	-7.3X
	0.9s	67.00nm				
			id	58	32.50	
			id	58	34.00	
			ic	00	00.10	
			id	01	40.70	
MLS	142.14	334	ePKPd	58	34.70	-4.9X
EPF	142.40	335	ePKP	58	30.00	-10.1X
BAO	142.57	132	iPKPc	58	35.80	-5.4X
			i	58	48.20	
ABA	145.93	326	iPKP	58	47.00	0.8
ALI	146.56	331	iPKP+	58	45.50	-1.7
			iPP	02	13.50	
TOL	146.82	337	iPKP+	58	49.00	1.4
			i	59	23.00	
			iPP	02	18.00	
			eSKS	05	40.00	
			iPPS	14	54.00	
			iSS	21	22.00	
PTO	147.19	344	iPKPc	58	48.00	-0.1
ALM	148.69	332	ePKP	58	53.30	2.7X
CRT	148.93	334	iPKP	58	54.70	3.6X
LIS	149.59	343	ePKP	58	53.00	1.1
TAF	150.31	330	iPKP	58	55.00	1.7
			i	59	00.00	
			i	59	18.00	
SOB1	152.00	132	ePKP	58	55.20	-1.1
			i	59	02.20	
			i	59	09.60	
IFR	152.67	332	iPKP	58	59.00	2.1
			i	59	07.50	
AVE	153.86	335	iPKP	58	59.50	1.1
			i	02	54.00	
ITR	154.07	135	ePKP	58	58.50	-0.7
			i	59	06.90	
			i	59	14.00	
			i	59	30.80	
			i	59	38.30	
CAI	156.54	133	ePKP	59	16.60	14.1X
KIC	164.37	258	ePKP	59	09.40	-1.4
	1.4s	314.00nm				
	S.D. = 1.1	on 348 of 421 obs.				

• SEP 27, 1985 05h 13m 25.23± 2.37s
24.139 N ±14.2km 121.816 E ±25.5km
DEPTH = 33.0km (normal)
TAIWAN (244)

TWD	0.21	254	iPc	13	32.50	0.6
TWC	0.47	4	iPc	13	36.00	0.6
			eS	13	43.70	
TATO	0.88	340	iP	13	41.00	-0.3
TWO	0.91	279	iPd	13	42.00	0.4
TWZ	0.98	347	iPd	13	42.00	-0.6
			eS	13	55.90	
ANP	1.07	345	eP	13	44.00	-0.1
TWK	1.50	235	iPc	13	49.50	-0.6
	S.D. = 0.7	on 7 of 7 obs.				

• SEP 27, 1985 05h 16m 40.65± 1.13s
35.022 S ± 8.9km 178.839 W ±16.3km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.40	214	P	17	48.00	1.1
			S	18	42.00	
KRP	5.38	236	P	18	02.00	1.4
			S	19	05.80	
CRZ	7.01	272	eP	18	28.70	5.1X
MNG	7.17	217	eP	18	23.80	-2.0
			S	19	45.00	
WEL	8.03	217	e(P)	17	59.00	-38.8X
			S	20	04.60	
NOU	18.06	311	iPc	20	51.40	0.8
DZM	18.24	311	iPc	20	54.00	1.1
KOU	20.70	310	iPd	21	19.70	-0.9
CTA	34.14	287	iPc	23	25.20	0.5
	0.8s	8.21nm			4.7mb	
			i	23	39.00	
ASPA	42.37	272	eP	24	33.00	-0.6
WB2	43.76	277	iPd	24	44.00	-0.9
			i	24	58.00	
WRA	43.77	277	Pd	24	43.80	-1.2
	0.5s	7.00nm			4.7mb	
SPA	55.16	180	eP	26	13.00	0.9
	1.0s	3.50nm			4.3mb	
BNG	145.57	212	iPKPd	36	17.90	0.2
	1.0s	15.00nm				
			ic	36	31.20	
KJF	146.61	339	iPKP	36	17.60	-0.2
	0.5s	9.80nm				
SUF	148.19	338	iPKP	36	21.80	1.4X
	0.5s	3.30nm				
NUR	150.33	337	iPKP	36	27.80	4.1X
	S.D. = 1.2	on 13 of 17 obs.				

• SEP 27, 1985 06h 29m 20.86± 0.73s
35.100 S ± 9.7km 178.669 W ±10.8km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.42	216	eP	30	29.00	1.7
			S	31	23.00	
KRP	5.45	237	eP	30	43.00	1.1
			S	31	47.00	
CRZ	7.15	273	P	31	06.00	0.2
MNG	7.19	218	eP	31	04.00	-2.4
			eS	32	26.00	
MSZ	14.03	223	eP	32	38.00	-1.3
NOU	18.21	310	iPc	33	34.10	1.3
DZM	18.39	311	iPc	33	35.70	0.6
KOU	20.86	310	iPc	34	00.60	-1.8
BRS	25.53	280	eP	34	50.00	1.8
CTA	34.29	287	iP	36	06.00	-0.3
	1.7s	26.92nm			4.9mb	
WB2	43.91	277	iPd	37	25.00	-1.3
WRA	43.92	277	Pc	37	24.70	-1.7
	0.5s	7.90nm			4.8mb	
SPA	55.08	180	eP	38	53.40	1.6
	1.0s	5.00nm			4.5mb	
SBB	89.72	46	eP	42	16.00	-1.0
GLA	90.41	49	eP	42	14.00	-6.2X
CLC	90.64	45	eP	42	21.00	-0.2
GSC	90.75	46	eP	42	21.00	-0.8
BNG	145.58	211	iPKPc	48	58.00	0.1
	0.9s	18.00nm				
			ic	49	08.10	
			id	49	18.50	
KJF	146.74	339	iPKP	48	58.70	0.5
SUF	148.32	338	iPKP	49	02.70	1.9
	0.7s	6.70nm				
NUR	150.46	337	iPKP	49	08.20	4.1X
KIC	150.86	168	ePKP	49	27.00	20.8X
NB2	153.28	349	PKP	49	15.00	6.7X
	0.6s	1.50nm				
SLL	153.45	347	ePKP	49	14.50	6.0X
	0.7s	5.60nm				
HFS	153.69	346	ePKP	49	15.30	6.4X
	0.3s	1.00nm				
	S.D. = 1.4	on 19 of 25 obs.				

• SEP 27, 1985 06h 41m 06.36± 0.83s
2.209 N ±14.4km 100.295 W ±16.3km
DEPTH = 10.0km (geophysicist)
4.7mb (7 obs.) 4.5Msz (1 obs.)
EAST CENTRAL PACIFIC OCEAN (693)

PSO	22.98	92	eP	46	15.00	2.2
BOG	26.29	84	eP	46	46.00	1.5
LTX	27.17	354	eP	46	51.00	-1.1
	1.5s	22.86nm			4.7mb	
	Z 20s	1.45um			4.5Msz	
JCT	28.12	1	iP	47	02.00	1.4
	0.9s	15.97nm			4.8mb	
BHO	32.41	8	eP	47	39.30	0.7
QZO	32.54	2	eP	47	39.70	-0.1
ALQ	33.07	351	eP	47	43.00	-1.6
	1.0s	5.25nm			4.4mb	
GLA	33.57	338	eP	47	49.00	0.1
TUL	33.79	7	iPd	47	51.10	0.5
	0.8s	33.30nm			5.3mb	
RLO	34.14	8	e(P)	47	52.60	-1.1
SBB	36.21	335	eP	48	12.00	0.6
GSC	36.32	337	eP	48	13.00	0.6
ZOBO	36.70	121	P	48	15.60	-0.8
LPB	36.85	122	eP	48	18.00	0.6
CNCB	37.07	122	eP	48	19.00	-0.5
CLC	37.09	336	eP	48	20.00	1.2
CCM	38.90	121	eP	48	34.00	-0.5
FRI	38.97	335	eP	48	34.80	0.4
EUR	39.75	341	iP	48	42.80	1.5
	0.8s	5.60nm			4.3mb	
JAS1	40.06	335	eP	48	44.20	0.7
BMN	41.02	340	iP	48	53.00	1.4
TPZ	41.20	127	P	48	54.70	1.2
BDW	41.23	350	eP	48	53.00	-0.4
	1.0s	11.00nm			4.5mb	
ORV	41.88	335	eP	49	00.30	1.8
LHC	47.00	10	eP	49	37.00	-2.5
MNT	49.07	25	iPc	49	55.00	-0.6
PNT	49.76	344	eP	50	00.00	-1.0
	0.7s	8.00nm			4.8mb	
EDM	51.98	350	eP	50	17.00	-0.8
VAO	57.65	119	eP	51	03.60	3.9X
BMA	60.04	118	e(P)	51	32.00	15.8X
ITR	82.62	101	eP	51	31.90	-1.9
INK	69.74	347	eP	52	18.00	-0.2
COL	71.18	341	eP	52	26.00	-1.1
MBC	74.74	355	eP	52	47.00	-0.8
QUE	145.56	20	ePKP	00	46.00	-1.4
KKN	149.70	350	PKP	00	57.00	2.9X
PKI	149.89	350	PKP	00	57.30	2.7X
DMN	149.90	350	PKP	00	57.80	3.3X
LOE	150.82	313	ePKP	01	01.00	5.2X
CHG	151.81	319	ePKP	01	04.00	6.7X
	S.D. = 1.2	on 33 of 40 obs.				

? SEP 27, 1985 06h 57m 41.28± 4.36s
16.313 N ±41.0km 104.946 W ±22.7km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
OFF COAST OF MICHOACAN, MEXICO (64)

III	5.62	68	eP	59	05.00	0.1
			eS	59	42.50	
OXM	5.82	59	eP	59	02.00	-5.9X
TPM	6.21	64	eP	59	07.00	-6.2X
UNM	6.26	60	eP	59	13.70	-0.3
			e	00	08.00	
TAC	6.28	60	eP	59	15.00	0.6
			e	00	08.00	
IIC	6.41	57	eP	59	16.00	-0.2
			e	59	55.50	
VHO	7.92	82	iP	59	37.20	-0.1
BHO	20.14	25	eP	02	14.50	-1.0
VVO	20.66	22	eP	02	20.90	0.1
TUL	21.15	21	eP	02	26.40	0.5
	1.0s	10.80nm			4.2mb	
RLO	21.66	22	iP	02	31.20	0.3
	S.D. = 0.5	on 9 of 11 obs.				

SEP 27, 1985 07h 47m 05.20± 1.03s
28.053 N ± 5.5km 140.737 E ± 5.2km
DEPTH = 27.2 ± 7.7 km
4.8mb (11 obs.)
BONIN ISLANDS REGION (212)
Felt (I JMA) on Chichi-shimo.

CBI	1.60	126	iPd	47	32.50	0.5
DDR	8.03	351	eP	49	03.10	0.1
TSK	8.15	356	eP	49	05.30	0.6
MAT	8.73	346	eP	49	12.00	-0.7
	1.2s	42.19nm			5.5mb	X
SHK	9.44	315	eP	49	20.30	-2.2
DL2	19.23	309	P	51	29.00	-1.0
NJ2	19.35	287	Pc	51	33.50	2.0
SNY	19.61	319	eP	51	33.80	-0.6
CN2	19.95	326	eP	51	40.60	2.7
TIA	21.55	298	eP	51	55.00	0.6
BAG	21.93	242	eP	52	01.00	2.5X

27d 07h

			eS	56 04.00		
MAN	22.69	238	eP	52 05.30	0.3	
WHN	23.13	283	P	52 12.50	2.4	
BJI	23.52	307	eP	52 13.00	-0.8	
			eS	56 24.00		
TIY	25.56	299	P	52 34.00	0.4	
HHC	27.10	306	P	52 46.40	-1.3	
XAN	27.83	290	eP	52 53.80	-0.6	
GYA	30.28	275	P	53 16.00	-0.5	
LZH	32.12	294	eP	53 33.00	0.3	
CD2	32.22	284	eP	53 32.00	-1.5	
KMI	34.02	274	eP	53 50.00	0.7	
GTA	35.55	299	P	54 01.70	-0.9	
PMG	37.75	170	eP	54 20.00	-0.7	
CHG	39.27	266	iPc	54 35.00	1.4	
	1.7s	51.92nm		5.0mb		
LSA	43.19	285	eP	55 08.40	2.3	
WMQ	44.97	305	iPd	55 20.00	0.0	
WB2	48.11	188	iPd	55 44.20	-0.5	
WRA	48.11	188	Pd	55 44.10	-0.7	
	0.8s	64.70nm		5.7mb X		
CTA	48.15	173	iPc	55 44.90	-0.2	
	1.7s	32.69nm		5.1mb		
PKI	48.57	283	eP	55 49.20	0.5	
KKN	48.63	283	eP	55 49.60	0.6	
	0.8s	27.00nm		5.3mb		
DMN	48.82	283	eP	55 51.20	0.6	
	1.0s	40.00nm		5.4mb		
ASPA	51.84	188	iPd	56 12.00	-1.2	
KSH	53.99	300	eP	56 29.00	-0.2	
NDI	55.28	287	iPd	56 38.00	-0.6	
BRS	56.33	167	eP	56 45.00	-1.1	
COL	57.12	29	eP	56 52.00	0.7	
GBA	60.30	270	P	57 24.40	10.3X	
			e	57 48.80		
KOD	61.72	267	eP	57 24.60	0.4	
INK	62.70	25	eP	57 29.00	-0.5	
QUE	63.40	292	eP	57 33.80	-1.2	
KJF	74.37	335	eP	58 46.00	4.1X	
DAG	74.66	355	iPd	58 42.60	-0.8	
	0.8s	13.43nm		5.0mb		
			i	59 17.00		
PNT	75.12	42	eP	58 47.00	0.4	
	1.0s	12.00nm		4.9mb		
SUF	75.77	334	iP	58 48.70	-1.3	
	0.5s	2.50nm		4.5mb		
EDM	76.82	36	eP	58 55.00	-1.1	
WGC	77.04	51	eP	58 58.00	0.5	
ORV	78.20	51	eP	59 04.50	0.5	
SES	79.48	38	eP	59 11.00	0.2	
JAS1	79.69	53	eP	59 12.00	-0.1	
EUR	82.01	50	iP	59 25.60	1.0	
	1.0s	4.81nm		4.5mb		
HFS	82.04	336	(P)	59 22.60	-1.4	
	0.6s	4.60nm		4.7mb		
NB2	82.25	338	P	59 23.30	-1.8	
	1.1s	7.40nm		4.7mb		
CLC	82.59	53	eP	59 29.00	1.1	
SBB	83.07	54	eP	59 31.00	1.0	
BOW	84.42	44	eP	59 37.50	0.6	
	1.0s	1.80nm		4.2mb		
GLA	86.05	55	eP	59 45.00	0.1	
ALQ	90.84	49	eP	00 06.00	-1.9	
ZOBO	150.89	72	PKP	06 53.70	1.4	
LPB	151.04	73	ePKP	06 54.00	1.7	
CNCB	151.27	73	ePKP	06 57.00	4.2X	
TPZ	155.13	81	PKP	07 01.30	3.4X	
	S.D. = 1.1		on	57 of 62 obs.		

SEP 27, 1985 08h 19m 25.18± 0.71s
9.791 S ± 6.3km 159.697 E ± 8.6km
DEPTH = 37.1 ± 9.7 km
4.6mb (6 obs.)
SOLOMON ISLANDS (193)
Felt (II) at Honiara.

HNR	0.43	35	iPd-	19 33.10	-1.8	
			iS	19 44.00		
VSG	0.54	2	iP	19 37.50	1.2	
			iS	19 46.00		
SVO	0.65	10	iP	19 38.00	0.1	
			iS	19 50.00		
PAA	5.42	309	eP	20 46.00	0.2	
			eS	21 15.00		
BGA	5.75	309	eP	20 43.00	-7.6X	
			eS	21 22.00		
PVC	11.50	134	iPd	22 05.40	-4.7X	
PMG	12.38	271	eP	22 29.00	7.2X	
DZM	13.82	153	iPc	22 40.90	-0.1	
NOU	14.03	153	iPc	22 46.20	2.5	
CTA	16.52	230	iP	23 16.30	0.4	
	0.9s	9.66nm		3.9mb		
			i	23 21.00		
BRS	18.69	200	P	23 41.50	-1.3	
RMQ	19.57	211	iPd	23 53.80	0.7	
	1.0s	524.00nm		5.8mb X		
COO	21.92	198	iPc	24 16.90	-0.4	
CMS	25.14	209	eP	24 48.00	-0.4	
WB2	26.46	245	iPd	25 01.00	0.1	
WRA	26.47	245	Pd	25 01.00	0.0	
	0.7s	16.80nm		4.8mb		
YOU	26.49	201	eP	25 00.50	-0.5	
CAN	27.22	199	eP	25 07.40	-0.3	
WAM	28.06	199	eP	25 14.10	-1.1	
MRWA	45.18	238	eP	27 40.00	-0.5	
SBA	68.14	178	eP	30 23.50	0.3	
	1.0s	9.00nm		4.8mb		
SPA	80.27	180	eP	31 33.40	-0.2	
	1.0s	2.50nm		4.1mb		
COL	84.08	20	eP	31 52.00	-1.1	
GBA	84.86	285	Pd	31 59.60	1.7	
	0.5s	2.10nm		4.6mb		
EUR	91.81	50	iP	32 31.50	0.4	
	0.5s	1.60nm		4.7mb		
	S.D. = 1.1		on	22 of 25 obs.		

* SEP 27, 1985 08h 54m 43.80± 1.42s
5.199 S ± 6.8km 77.249 W ±13.8km
DEPTH = 122.4 ± 15.1 km
4.7mb (4 obs.)
NORTHERN PERU (111)

QUR	5.15	346	P	56 00.00	-0.4	
BOG	10.26	18	eP	57 03.00	-6.4X	
			eS	58 26.00		
ARE	12.54	154	eP	57 40.00	0.7	
ZOBO	14.18	142	P	57 59.00	-1.9	
	1.1s	72.51nm		4.9mb		
			i	58 07.00		
LPB	14.40	142	P	58 02.50	-1.1	
			i	58 09.50		
			(S)	02 03.00		
CNCB	14.68	143	iP	58 08.00	0.7	
			i	58 13.10		
SDV	15.47	25	eP	58 18.00	1.2	
CCH	16.27	139	Pc	58 30.70	3.8X	
TOV	16.64	27	eP	58 31.50	0.3	
CAR	18.68	33	eP	58 56.20	0.7	
TPZ	19.66	146	Pd	59 08.80	2.9X	
YJA	20.34	147	ePd	59 13.20	0.2	
HJA	21.25	149	eP	59 23.00	1.5	
SLA	22.46	151	ePd	59 35.00	1.3	
SJG	25.62	25	eP	00 02.00	-1.7	
VAO	34.16	124	eP	01 17.90	-1.5	
SOB1	36.27	98	eP	01 33.30	-4.0X	
BHO	42.74	338	iP	02 31.40	0.9	
RLO	44.39	339	eP	02 55.60	11.7X	
TUL	44.44	338	eP	02 45.80	1.6	
	0.8s	7.10nm		4.5mb		
QZO	44.98	334	iP	02 48.60	0.1	
ALO	48.48	328	eP	03 15.60	-0.6	
	1.0s	10.75nm		4.6mb		
			e	03 43.00		
GSC	54.81	320	eP	04 03.00	-0.5	
SBB	55.08	319	eP	04 05.00	-0.5	
			e	04 34.00		
EDM	65.67	337	eP	05 15.50	-1.5	
INK	82.99	342	eP	06 56.00	-0.1	
SPA	84.84	180	eP	07 06.20	0.5	
	1.1s	23.21nm		5.0mb		
WB2	140.13	230	ePKP	13 55.60	-5.0X	
			i	14 01.40		
WRA	140.14	230	PKPd	14 05.20	4.6X	
	0.3s	1.10nm				
	S.D. = 1.1		on	22 of 29 obs.		

? SEP 27, 1985 09h 25m 20.41± 5.33s
39.471 N ±57.3km 28.830 E ±12.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.21	311	iPg	25 24.20	-0.7	
			iSg	25 27.20		
BNT	1.13	322	ePn	25 42.00	0.5	
EDC	1.15	320	ePn	25 41.80	-0.1	
GPA	1.40	54	ePn	25 45.90	-0.1	
KGT	1.53	310	ePn	25 48.20	0.4	
IZM	1.63	229	ePn	25 52.00	2.8X	
	S.D. = 0.7		on	5 of 6 obs.		

% SEP 27, 1985 09h 40m 17.09± 1.11s
59.370 N ± 8.9km 6.740 E ± 6.9km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.0 (BER). Probable explosion.

ODD	0.58	356	iPg	40 28.70	0.0	
			eSg	40 36.70		
KMY	0.78	259	iPn	40 32.80	0.1	
			eSn	40 43.30		
BER	1.24	326	iPn	40 41.60	0.5	
			iSn	40 57.70		
ASK	1.36	326	iPn	40 42.70	-0.4	
			eSn	41 00.10		
KONO	1.48	78	ePn	40 45.00	-0.1	
			iSn	41 04.00		
HYA	1.82	352	iPn	40 50.50	0.6	
			eSn	41 14.20		
SUE	1.96	331	iPn	40 51.20	-0.7	
			eSn	41 15.30		
	S.D. = 0.6		on	7 of 7 obs.		

SEP 27, 1985 10h 10m 18.90± 0.17s
22.171 S ± 6.1km 174.606 W ± 4.0km
DEPTH = 33.0km (normal)
5.8mb (45 obs.) 6.2Msz (32 obs.)
TONGA ISLANDS REGION (174)
Ms 6.4 (BRK), 5.8 (PAS).
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 49 Dip=75 Slip= 90
NP2: 220 15 90
Principol Axes:
T Plg=60 Azm=310
P 30 130
Comment: The focol mechonism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 25 No. of sto: 10
Moment Tensor; Scale 10**25 d-cm
Mrr= 1.57 Mtt=-0.84
Mff=-0.73 Mrt=-0.24
Mrf= 0.08 Mtf=-0.82
Principol axes:
T Val= 1.61 Plg=82 Azm=212
N 0.01 8 48
P -1.61 2 317
Best Double Couple:Mo=1.6**25
NP1:Strike= 39 Dip=43 Slip= 79
NP2: 235 48 101
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 16S, 36C
Centroid Locotion:
Origin Time 10:10:23.8 0.2
Lot 22.17S 0.03 Lon 174.08W 0.03
Dep 11.4 1.2 Half-durotion 4.2
Moment Tensor; Scale 10**25 D-CM
Mrr= 0.77 0.02 Mtt=-0.04 0.02
Mff=-0.72 0.02 Mrt= 0.34 0.06
Mrf= 1.01 0.15 Mtf=-0.42 0.02
Principol Axes:
T Val= 1.28 Plg=64 Azm=282
N 0.15 4 21
P -1.43 26 113
Best Double Couple:Mo=1.4**25
NP1:Strike=214 Dip=20 Slip= 103
NP2: 20 71 85

RAO	7.66	202	P	12 10.50	-0.4	
			S	13 37.00		
SVA	7.66	301	ePd	12 40.00	29.0X	
VUN	7.72	301	eP	12 13.20	1.4	
AFI	8.65	19	P	12 16.00	-8.8X	
			S	13 42.00		
YSA	9.17	305	eP	12 26.50	-5.4X	
RAR	13.82	89	P	13 26.00	-8.8X	
			S	15 47.00		

CRZ	16.55	220	P	14	12.00	1.9			0.6s	29.00nm		5.6mb			0.8s	16.52nm		5.1mb
PVC	16.65	282	IPc	14	15.50	4.1X	NAU	64.05	255	eP	20	51.00	-1.1	HKC	82.26	298	eP	22	40.80	2.1X
NOU	17.54	266	IPc	14	24.00	1.4		0.7s		92.00nm		6.0mb					eS	33	02.00	
DZM	17.56	267	IPc	14	24.30	1.4	DAV	65.39	289	iP+	20	56.00	-4.8X	GZH	83.29	298	P	22	45.00	1.0
GNZ	17.59	199	P	14	27.00	3.9X				eS	29	50.00		NJ2	83.38	308	IPc	22	44.50	0.2
			eS	17	28.00		SPA	67.96	180	e(P)	21	18.00	1.3	KGM	83.42	275	ePc	22	46.00	1.1
KRP	17.85	206	P	14	30.00	3.7X	Z	18s		8.24um		6.0Msz			1.1s	434.30nm		6.5mb		
			eS	17	56.00					e	27	05.10		PHC	83.62	28	eP	22	44.00	-1.1
KOU	19.73	271	IPc	14	47.40	-1.4	TRT	71.20	269	iPd	21	36.50	-0.6	MDJ	83.72	324	Pc	22	46.00	0.3
MNG	20.22	202	P	14	52.20	-1.6		1.3s		280.50nm		6.2mb		QIZ	84.42	293	P	22	47.00	-2.8
			S	18	21.70		SJI	72.00	269	ePd	21	40.70	-1.2	DL2	85.12	315	P	22	52.00	-0.9
TBI	23.21	98	iP	15	25.20	1.3		1.2s		24.00nm		5.1mb		PPI	85.19	271	eP	22	56.50	2.7X
	1.4s	535.00nm				5.9mb				e	24	32.00			1.0s	68.90nm		5.8mb		
AFR	23.79	83	IP	15	27.00	-2.6	TSK	72.13	323	eP	21	41.60	-0.6	LTX	85.33	56	P	22	55.00	0.7
	1.2s	280.00nm				5.7mb	DDR	72.50	322	eP	21	43.90	-0.5		1.5s	137.14nm		5.9mb		
PAE	23.94	84	iP	15	28.20	-2.9	OCP	72.86	294	eP	21	44.00	-2.9		Z 20s	8.56um		6.1Msz		
	1.2s	205.00nm				5.5mb	KKM	73.24	284	ePd	21	48.70	-0.5	SNY	85.53	319	Pc	22	54.70	-0.1
PPT	23.97	83	iP	15	28.90	-2.5		1.2s		95.10nm		5.7mb		SIT	85.54	20	eP	22	56.50	2.0X
	1.2s	440.00nm				5.9mb	MAT	73.45	322	iP+	21	48.20	-1.7	CN2	85.56	321	iPc	22	54.50	-0.5
PPN	24.11	83	iP	15	30.20	-2.5	Z	20s		3.72um		5.7Msz		SYO	85.79	192	eP	22	57.60	1.8
TVO	24.21	84	IP	15	33.00	-0.8				eS	31	17.00		PMR	85.95	12	P	22	57.00	0.5
	1.2s	425.00nm				5.9mb	CVP	73.75	297	iPd	21	53.50	1.5		1.0s	60.00nm		5.8mb		
PMO	26.27	79	iP	15	51.20	-2.0		1.0s		79.00nm		5.7mb			Z 19s	4.90um		5.9Msz		
	1.2s	125.00nm				5.4mb	ADK	73.75	359	eP	21	49.80	-1.4	WHN	85.98	305	P	22	59.00	1.6
VAH	26.44	80	iP	15	52.20	-2.5	BAG	74.14	295	eP+	21	52.00	-2.5	PME	86.00	12	eP	22	56.80	0.0
	1.2s	110.00nm				5.3mb				eS	31	27.00			1.4s	93.00nm		5.8mb		
TPT	26.53	79	iP	15	53.30	-2.3	SMY	75.23	353	eP	21	57.50	-2.3		Z 20s	5.50um		6.0Msz		
	1.2s	160.00nm				5.5mb	Z	20s		20.00um		6.4Msz		ALQ	86.01	50	eP	22	57.00	-0.7
MSZ	26.65	209	P	15	58.00	1.6	SHK	75.41	317	ePc	21	59.50	-1.8		1.0s	47.50nm		5.7mb		
RUV	26.68	80	iP	15	54.60	-2.3	SAP	76.53	328	eP	22	07.00	-0.3		Z 19s	17.71um		6.5Msz		
	0.1s	145.00nm				6.5mb	SYP	76.62	44	eP	22	10.00	1.7	TTA	86.08	8	eP	22	57.00	-0.3
HNR	27.51	293	eP	16	01.00	-3.5X	PRS	76.90	42	eP	22	09.70	0.1	PNT	86.31	32	eP	22	58.00	-0.6
			eS	20	39.00		SAO	77.13	41	eP	22	11.10	0.2		1.1s	73.00nm		5.8mb		
SVO	27.76	294	P	16	08.00	1.2	PRI	77.21	42	eP	22	10.80	-0.7	IPM	86.51	276	ePd	22	59.30	-1.0
VSG	27.80	293	P	16	20.00	12.8X	BRK	77.36	40	eP	22	12.70	0.6		1.0s	265.20nm		6.4mb		
BRS	30.02	253	IPc	16	25.20	-1.9	BKS	77.38	40	ePc	22	12.60	0.4				e	23	45.10	
COO	31.07	247	eP	16	36.00	-0.4		1.0s		22.00nm		5.1mb		TIA	86.74	311	eP	23	01.00	0.0
RMO	33.59	255	eP	16	57.00	-1.3	Z	20s		18.00um		6.4Msz		NEW	86.92	34	eP	23	03.00	1.4
CAN	34.30	239	eP	17	03.80	-0.6	N	20s		14.00um					Z 18s	28.00um		6.7Msz		
			i	17	17.40		E	20s		10.00um				PSI	87.74	274	IPd	23	06.50	0.2
WAM	34.59	238	eP	17	06.80	0.0				eS	32	06.40			1.2s	417.60nm		6.6mb		
YOU	34.59	241	eP	17	04.10	-2.8				eLQ	42	14.00		SNG	87.87	279	eP	23	09.00	2.2X
			i	17	19.90					eLR	47	00.00		BDW	88.04	42	eP	23	07.00	-0.4
CMS	36.34	247	eP	17	20.00	-1.8	MHC	77.39	41	eP	22	12.00	-0.5		1.0s	16.00nm		5.3mb		
CTA	36.50	266	IPc+	17	21.20	-2.0	ARN	77.46	41	eP	22	14.10	1.4	TSI	88.37	274	ePc	23	12.50	3.2X
	1.0s	90.00nm				5.6mb	PAS	77.56	45	eP	22	13.00	-0.3	JCT	88.83	56	eP	23	12.10	0.9
			i	17	41.00					epP	22	54.00	167kmX		Z 20s	11.35um		6.3Msz		
			i	17	54.80					ePP	25	24.00		GOL	89.15	46	eP	23	13.00	0.2
			IPP	18	42.00					iSKS	32	08.00			1.0s	15.00nm		5.3mb		
			S	22	54.00					ePS	32	48.00			Z 20s	6.00um		6.0Msz		
TOO	37.55	237	eP	17	31.00	-0.9				eScSP	35	12.00		COL	89.22	11	eP	23	11.00	-1.3
TAU	37.75	228	eP	17	35.00	1.5				eSS	37	00.00			1.4s	213.95nm		6.3mb		
			eS	23	26.00					eSSS	40	20.00			Z 20s	6.13um		6.0Msz		
PMG	38.80	283	eP	17	40.00	-2.6				eLg	43	00.00					eS	33	54.00	
STK	39.97	246	eP	17	52.00	-0.2				eLR	45	52.00		FBA	89.22	11	eP	23	11.70	-0.6
LAT	40.11	287	e(P)	17	53.00	-0.4	MWC	77.68	45	eP	22	14.00	-0.2	GLD	89.27	46	eP	23	16.00	2.7X
ADE	42.58	242	iPd	18	13.70	0.1	ANP	77.82	304	eP	22	13.00	-2.0		1.1s	23.14nm		5.4mb		
	1.1s	37.97nm				5.0mb	PLM	77.95	46	eP	22	16.00	0.3		Z 19s	6.20um		6.1Msz		
ASPA	47.24	258	iPc	18	48.70	-2.3	RVR	77.99	46	eP	22	16.00	0.3	BJI	89.31	314	eP	23	14.00	0.9
WB2	47.51	263	IPc	18	50.00	-3.1X	SBB	78.12	45	eP	22	17.00	0.5	IMA	89.39	8	eP	23	13.20	0.0
			e	22	36.00		ISA	78.30	44	eP	22	18.00	0.6	PCT	90.03	286	eP	23	19.00	2.0X
			eS	25	43.20		FRI	78.35	42	eP	22	17.00	-0.6	GYA	90.22	298	Pc	23	19.00	1.1
			ePP	36	16.10		JAS1	78.50	41	eP	22	17.70	-0.8	NNT	90.73	283	ePd	23	23.30	3.0X
WRA	47.52	263	Pd	18	51.30	-1.9	ORV	78.92	39	eP	22	19.70	-1.0	TIY	90.75	311	P	23	20.50	0.5
	1.1s	65.40nm				5.6mb	TPC	78.94	46	eP	22	21.00	0.0	LOE	90.80	288	eP	23	21.00	0.5
MTN	52.35	271	eP	19	30.00	-0.2	CLC	78.95	44	eP	22	22.00	1.0	QZO	91.17	53	eP	23	23.30	1.3
DRV	52.88	201	eP	19	35.00	1.5	WDC	78.99	38	eP	22	19.50	-1.6	SES	91.38	35	eP	23	22.00	-0.6
GUA	53.24	308	e(P)	19	31.20	-5.6X	GLA	79.15	48	eP	22	22.00	-0.2		1.5s	202.00nm		6.3mb		
	1.0s	440.00nm				6.4mb	GSC	79.15	45	eP	22	16.00	-6.2X	NST	91.54	286	eP	23	26.20	2.3X
GUMO	53.31	308	e(P)	19	31.30	-5.9X	MIN	79.37	38	eP	22	22.10	-1.2	XAN	91.66	306	iPc	23	24.50	0.2
PJG	53.31	308	e(P)	19	31.90	-5.3X	QZH	79.97	302	eP	22	26.50	-0.2	EDM	91.82	32	eP	23	23.00	-1.5
KNA	53.69	266	eP	19	38.00	-2.1	MNA	80.21	42	eP	22	27.20	-0.7		1.6s	144.00nm		6.1mb		
SLKI	53.83	276	eP	19	42.20	1.0	MAW	81.05	199	eP	22	34.00	2.4	KHT	92.59	285	eP	23	30.90	2.1X
SBA	56.44	185	eP	20	02.80	3.5X	SSE	81.19	309	iP-	22	33.00	0.1	HHC	92.79	313	P	23	30.00	0.6
	0.9s	8.40nm				4.8mb X		6.0s		2.10nm		3.3mb X		KMI	92.92	296	Pc+	23	32.00	1.5
	Z 20s	10.00um				5.9Msz		Z 20s		5.50um		5.9Msz			N 18s	2.30um				
			i	20	06.50			N 14s		1.40um							pP	23	39.00	22kmX
KLB	60.22	245	eP	20	25.00	-1.4		E 16s		1.60um							SKS	34	05.00	
MEK	60.43	251	eP	20	26.00	-1.9				SKS	32	48.00					S	34	48.00	
NWAO	60.46	244	eP	20	18.00	-10.0X				sS	32	56.00		BDT	93.14	287	ePd	23	29.00	-2.3
RKG	60.48	242	eP	20	27.00	-1.1				sS	33	40.00			1.0s	248.40nm		6.6mb		
	0.7s	20.00nm				5.5mb				e	51	45.50		BTO	93.73	312	Pc	23	34.00	0.3
MBL	60.49	258	eP	20	26.00	-2.3				S	52	13.00		CHG	93.78	289	iPc+	23	36.00	1.8
BAL	61.28	246	eP	20	32.70	-0.9				sS	52	36.00			1.0s	122.50nm		6.3mb		
	0.5s	22.00nm				5.5mb	COR	81.28	34	iPc	22	34.00	0.9				eS	34	16.00	
MUN	61.47	245	eP	20	34.00	-0.8	BMN	82.01	40	iP	22	39.20	2.0	VVO	94.00	54	eP	23	36.70	1.8
MRWA	62.14	248	eP	20	38.00	-1.4	EUR	82.20	42	iP	22	38.20	-0.2	TUL	94.19	53	eP	23	37.50	1.7

27d 10h

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       1.7s   143.70nm             6.1mb
                  e       23 43.80
BHO     94.26  55 eP      23 40.70    4.5X
CD2     94.35 301 P       23 38.00    1.3
RLO     94.86  53 eP      23 40.50    1.6
INK     95.08  14 eP      23 38.00   -1.2
       1.4s    66.00nm             5.9mb
LZH     96.30 306 eP      23 47.50    1.8
       2.0s   146.00nm             6.1mb
     N  18s     1.10um
     E  20s     1.80um
                  SKS     34 23.00
                  S       35 15.50
                  PS      36 32.00
YKA     96.73  24 eP      23 50.00    3.2X
PSO     97.19  92 eP      23 58.50    8.0X
UPA     98.00  84 eP      24 00.00    6.5X
     Z  18s     4.81um             6.0Msz
GTA    100.49 308 Pdiff   24 06.20    1.6X
SHL    102.26 253 ePdiff24 14.00    1.1
                  iS      34 53.00
BMG    103.28  88 ePdiff24 17.00   -0.6
                  ePP     28 17.00
                  eS      34 50.00
VIS    107.37 282 ePdiff24 35.00   -0.5
PKI    108.39 293 ePdiff24 41.60    1.3
       0.8s    12.00nm             6.1mb
KKN    108.56 293 ePdiff24 41.60    0.7
DMN    108.65 293 ePdiff24 43.10    1.7
       1.1s    42.00nm             6.5mb
CAR    110.17  87 ePdiff24 44.00   -4.2X
                  ePP     25 11.00
KOD    110.31 273 ePdiff24 52.00    3.0X
                  PPP     29 25.00
WMO    110.41 310 Pdiff   24 49.50    0.9X
NOI    115.67 292 ePKP    28 59.50   -0.5
                  eS      35 48.00
POO    116.2d 280 iPdiff25 15.00    0.2
KSH    118.43 304 ePKP    29 07.00    1.9
SUR    123.79 196 iPKPc   29 06.20   -9.4X
       1.0s    80.00nm
     Z  18s    17.53um             6.8Msz
DAG    124.05   7 iPKPc   29 13.00   -1.6
       0.6s     4.00nm
                  i       30 55.00
QUE    124.75 292 ePKP    29 18.50    1.0
EVA    126.45 297 ePKP    29 24.50    3.5X
BFS    127.01 204 ePKP    29 24.50    2.5X
       1.4s    74.42nm
SLR    127.46 206 ePKP    29 24.30    1.5
       1.2s    31.25nm
KEV    130.67 350 ePKP    29 28.00    0.6
     Z  16s     4.40um             6.3MszX
                  e       31 36.00
                  ePP     32 52.00
                  esSP    41 52.00
                  eSSS    49 32.00
                  e       51 40.00
BUL    132.22 210 ePKP    29 33.60    1.6
                  iSKP    31 59.80
                  iPKS    33 04.00
TET    132.96 218 ePKP    29 45.00   11.7X
                  e       32 03.00
MTD    133.56 216 ePKP    29 34.20   -0.4
                  ipPKP   30 35.00
WIN    134.09 195 iPKPc   29 18.20  -17.4X
       1.0s    30.00nm
                  i       31 06.00
KRI    134.56 213 ePKP    29 34.00   -2.5
                  ipPKP   30 25.00
KJF    135.45 346 iPKP    29 37.00    0.4
     Z  18s     3.80um             6.2Msz
                  e       32 08.00
                  ePP     33 12.00
                  ePS     41 20.00
                  eSSS    50 08.00
LSZ    136.59 213 iPKP    29 43.30    2.9X
                  i       32 14.00
SUF    137.09 346 ePKP    29 37.00   -2.8
NUR    139.38 345 ePKP    29 38.00   -6.0X
       0.9s    30.40nm
     Z  20s     3.90um             6.1Msz
                  e       29 46.00
                  e       32 33.00
                  ePP     33 18.00
                  eSKS    40 06.00
                  esPS    43 04.00

                  e       50 56.00
UPP    141.36 350 iPKP    29 44.40   -3.2X
NAI    141.50 237 iPKPd   29 47.00   -2.6
       1.2s    62.50nm
KER    141.56 298 ePKP    29 48.00   -1.0
HFS    141.62 353 ePKP    29 41.60   -6.5X
       0.5s     2.00nm
     Z  19s     4.16um             6.2Msz
                  LR      25 25.00
BHD    143.94 296 iPKPd   29 51.50   -1.4
MSL    144.39 302 ePKP    29 48.00   -5.6X
                  e       30 54.00
EDU    145.11   8 ePKP    29 51.40   -2.8
EAB    145.27  10 ePKPc   29 53.20   -1.3
       1.2s   154.00nm
EBH    145.33   9 ePKP    29 52.50   -2.1
       1.1s   247.00nm
AAE    145.40 253 ePKP    29 57.50    1.1
MUD    145.64 356 iPKPd   29 55.80    0.8
       1.2s   340.00nm
EDI    145.69   9 ePKP    29 54.60   -0.6
EAU    145.73   9 ePKP    29 55.20   -0.1
       1.3s   296.00nm
ESY    145.78   8 ePKP    29 54.70   -0.6
       1.4s   181.00nm
COP    146.12 353 ePKP+   29 57.00    1.1
       1.6s   373.33nm
     Z  18s     5.50um             6.4Msz
EKA    146.27   9 PKP     29 56.00   -0.2
       1.7s   132.20nm
ESK    146.28   9 ePKP    29 53.00   -3.2X
LWI    146.67 226 iPKPc   30 00.80    2.4
RTB    147.36 297 iPKPc   30 02.00    3.3X
                  i       30 29.00
                  e       31 02.00
VAL    147.91  18 PKP     30 00.00    1.1
ETA    148.25  13 ePKP    30 02.00    2.6X
       1.3s    84.00nm
ECB    148.43  14 ePKP    30 02.00    2.3X
       1.2s   120.00nm
ECP    148.70  14 ePKP    30 02.40    2.3X
       1.6s   280.00nm
BRN    149.21 351 ePKP    30 04.00    3.1X
WIT    149.39 358 ePKP    30 04.00    2.8X
                  e       30 08.00
                  e       30 14.00
KRA    149.90 341 ePKP    30 01.90   -0.2
       1.5s   172.00nm
     Z  20s     5.40um             6.3Msz
     N  20s     4.90um
     E  20s     4.20um
                  e       30 08.20
                  i       30 15.60
DOC    149.97 330 ePKP    30 06.00    3.7X
DBN    150.12   0 ePKP    30 03.00    0.7
     Z  19s     4.50um             6.3Msz
                  e       30 24.00
                  eSKSP   43 52.00
                  eSPP    46 32.00
                  eSS     53 00.00
KSP    150.14 346 ePKP    30 03.50    1.1
       1.4s   222.00nm
                  i       30 08.20
WTS    150.21 358 ePKP    30 03.00    0.6
       1.0s    20.00nm
CLL    150.32 350 ePKP    30 04.00    1.4
     Z  19s     5.00um             6.3Msz
                  i       30 09.10
CFR    150.43 326 ePKPc   30 10.00    7.0X
SPC    150.57 340 ePKP    30 11.40    8.0X
BRG    150.58 349 ePKP    30 04.50    1.4
     Z  18s     3.00um             6.1Msz
     N  18s     3.50um
     E  18s     5.00um
                  i       30 10.00
                  eSKKS   40 40.00
VRI    150.66 329 ePKPd   30 10.00    6.6X
TLB    150.90 326 ePKP    30 10.00    6.3X
BHL    150.95 300 PKP     30 05.00    0.7
HRI    151.05 299 ePKP    30 06.00    1.5
MOX    151.16 352 ePKP    30 05.50    1.5
       1.3s   107.00nm
     Z  18s     6.70um             6.5Msz
     N  17s     4.60um
     E  17s     2.70um
                  i       30 11.50
                  i       30 17.00

                  ePP     33 46.00
                  e       34 08.00
                  eSKKS   40 40.00
                  eS      53 00.00
ISR    151.27 328 ePKPc   30 11.50    7.1X
MLR    151.31 329 ePKPc   30 06.00    1.5
PRU    151.32 348 ePKP    30 06.00    1.8
       1.3s    81.20nm
     Z  19s     4.10um             6.3Msz
     N  18s     1.10um
     E  17s     3.80um
                  e       30 11.00
                  PP      33 38.00
                  SS      53 10.00
UCC    151.42   1 PKP-    30 08.00    3.7X
                  e       30 13.00
                  PP      33 51.00
                  SS      53 16.00
PSN    151.43 324 ePKP    30 14.60    9.5X
ENN    151.46 359 ePKP    30 06.00    1.7
       1.2s    18.00nm
MEM    151.61 359 PKPd    30 06.20    1.6
                  e       30 12.90
SNF    151.70   1 PKP     30 08.00    3.3X
                  e       30 13.30
JER    151.85 296 iPKP    30 13.50    7.8X
                  e(S)    40 46.00
TNS    151.90 356 ePKP    30 12.40    7.3X
BUC    152.02 327 ePKP    30 08.00    2.6X
DOU    152.12   1 PKP     30 06.90    1.5
     Z  18s     4.90um             6.4Msz
                  e       30 12.90
                  PP      33 50.00
                  SS      53 15.00
GRF    152.15 352 ePKP    30 06.00    0.5
     Z  20s     5.00um             6.3Msz
                  e       30 14.50
                  e       30 20.80
COZ    152.18 331 ePKPc   30 08.00    2.1
GPA    152.22 316 ePKP    30 09.90    4.0X
KHC    152.32 348 PKP     30 06.00    0.2
       1.1s    96.00nm
     Z  19s     2.30um             6.0Msz
     N  19s     1.59um
     E  18s     2.10um
                  e       30 13.50
                  PP      33 52.00
DOR    152.33 296 ePKP    30 14.50    8.2X
SRO    152.39 341 ePKP    30 06.40    0.6
     N  18s     3.40um
     E  18s     2.50um
                  i       30 15.90
                  i       30 30.50
                  i       33 55.20
ZST    152.39 343 ePKP    30 08.50    2.7X
                  i       30 14.40
                  e       33 48.10
CSS    152.45 304 ePKP    30 14.50    8.1X
VKA    152.53 344 ePKP    30 06.00    0.0
       5.0s  1194.00nm
     Z  18s     3.20um             6.2Msz
                  e       33 56.00
GZR    152.82 333 iPKPc   30 07.00    0.4
SOP    153.01 343 ePKP    30 08.80    2.1
FLN    153.06   9 ePKP    30 07.10    0.4
CLO    153.06 332 ePKPd   30 15.00    8.1X
KMR    153.24 347 iPKP+   30 06.20   -0.8
LDF    153.27   8 ePKP    30 07.50    0.5
GRR    153.37   9 ePKP    30 07.90    0.7
PVL    153.39 326 iPKPd   30 10.00    2.6X
BUH    153.46 356 ePKP    30 10.10    2.7X
BCK    153.47 311 ePKP    30 08.00    0.2
LPF    153.69  10 ePKP    30 08.20    0.6
DIM    153.94 324 iPKP    30 18.00    9.8X
HAU    154.21 359 ePKP    30 08.90    0.5
BEO    154.24 335 iPKP    30 09.80    1.3
BEO    154.24 335 iPKP    30 09.80    1.3
ELL    154.28 310 ePKP    29 54.00  -15.0X
KBA    154.33 347 ePKPd   30 09.00    0.2
       1.2s    20.80nm
                  i       30 32.60
                  i       30 45.80
                  e       32 44.50
                  i       34 04.40
                  i       34 10.10
                  i(PP)   34 16.80
                  e       37 35.50
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KDZ	154.35	324	iPKPc	30	04.00	-4.7X
BSF	154.37	358	ePKP	30	08.90	0.2
PLD	154.37	325	iPKP	30	09.00	0.3
ZUL	154.63	355	ePKP	30	19.30	10.3X
VTS	154.78	328	iPKPc	30	11.00	1.8
LOR	154.93	2	ePKP	30	09.80	0.5
LJU	155.05	345	ePKP	30	11.00	1.5
			e	34	04.00	
SSF	155.12	3	ePKP	30	10.20	0.6
LLS	155.19	354	ePKP	30	13.00	3.1X
VOY	155.21	346	ePKP	30	10.40	0.5
MFF	155.22	9	ePKP	30	10.40	0.7
LBF	155.22	2	ePKP	30	10.30	0.5
YER	155.23	312	ePKP	30	18.00	7.9X
IZM	155.23	316	ePKP	30	20.00	9.9X
OSS	155.24	352	ePKP	30	11.30	1.3
MMB	155.25	326	ePKP	30	08.00	-2.0
AVF	155.38	3	ePKP	30	10.20	0.3
TRI	155.54	346	iPKPc	30	10.00	-0.2
			i	30	38.00	
			iPP	34	10.00	
			i	38	06.00	
			iSKKS	41	00.00	
			iSKSP	43	50.00	
			i	45	50.00	
			iSS	53	54.00	
			eSSS	00	10.00	
SMF	155.55	5	ePKP	30	10.50	0.3
BGF	155.58	4	ePKP	30	10.90	0.6
LSF	155.77	7	ePKP	30	10.90	0.4
TCF	155.80	5	ePKP	30	11.10	0.5
MZF	155.91	5	ePKP	30	11.50	0.8
TMA	155.96	354	ePKP	30	10.90	-0.1
VAY	156.04	327	iPKP	30	10.00	-1.0
			i	30	40.00	
MMK	156.09	356	ePKP	30	13.60	2.3X
DIX	156.09	357	ePKP	30	13.40	2.1
SKO	156.10	329	iPKPc	30	11.00	-0.1
Z	18s		4.16um			6.3Msz
N	18s		1.94um			
E	19s		3.52um			
			i	30	40.50	
			i	34	16.50	
EMS	156.13	357	ePKP	30	13.50	2.2X
LPG	156.71	358	ePKP	30	13.40	1.2
RJF	156.71	7	ePKP	30	12.20	0.4
LFF	156.97	8	ePKP	30	12.60	0.5
OHR	157.07	329	ePKP	30	12.80	0.3
			e	30	43.60	
			e	34	23.50	
CAF	157.14	6	ePKP	30	13.00	0.6
LPO	157.28	8	ePKP	30	13.40	0.9
PTO	157.70	29	PKP	30	13.70	0.6
BNG	158.25	218	iPKPd	30	16.10	1.5
	0.9s		36.00nm			
			id	30	49.40	
			id	31	04.20	
			ic	31	49.70	
CDR	158.55	359	ePKPc	30	16.70	2.7X
			i	30	50.90	
			e	31	39.00	
FRF	158.64	357	ePKP	30	14.40	0.3
LRG	158.76	358	ePKP	30	15.10	0.9
EPF	158.78	10	ePKP	30	15.40	1.0
LMR	158.88	358	ePKP	30	14.80	0.4
CVF	159.45	353	ePKP	30	15.30	0.2
TOL	160.60	22	iPKP+	30	19.00	2.6X
			iPKKP	31	00.00	
			iPP	34	56.00	
			eSKS	41	36.00	
			ePPS	48	10.00	
			iSS	54	55.00	
			iSSS	00	10.00	
EBR	160.95	11	ePKP	30	16.00	-0.6
			ePP	34	45.00	
ALI	163.10	16	iPKP+	30	22.50	3.7X
			ePP	34	54.50	
ABA	165.28	7	ePKP	30	26.00	5.0X
IFR	165.37	37	iPKPc	30	25.00	3.6X
S.D. = 1.3			on 237 of 322 obs.			

SEP 27, 1985 10h 17m 26.72± 0.42s
34.043 S ± 6.9km 72.097 W ± 4.6km
DEPTH = 33.0km (normal)
5.1mb (16 obs.) 5.3Msz (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (III) at Santiago.

LNV	0.58	81	iPc	17	38.00	-0.4
TACH	1.04	68	iPc	17	44.80	-0.2
CHCH	1.20	85	iPd	17	47.60	0.2
SAN	1.33	64	iPd	17	49.50	0.3
			i(S)	18	04.50	
PCH	1.38	73	iPc	17	50.60	0.6
ROCH	1.40	41	iPc	17	51.40	1.0
PEL	1.48	53	iPd	17	52.60	1.2
BACH	1.50	63	iPd	17	52.70	1.0
FCH	1.67	65	iPc	17	55.00	0.7
JACH	1.85	43	iPd	17	57.50	0.7
RFA	3.09	105	ePc	18	15.40	1.0
			(S)	19	04.30	
RTCB	3.77	48	iPc	18	25.50	1.5
			S	19	00.90	
ZON	3.81	50	eP	18	26.00	1.5
CFA	4.06	54	ePc	18	28.30	0.2
			S	19	23.50	
VCA	6.25	33	ePd	18	58.00	-1.2
			S	20	14.00	
CYA	7.76	46	iPd	19	16.00	-4.3X
FSA	9.52	35	e(P)	19	40.00	-4.5X
ANT	10.41	9	eP	20	02.50	5.8X
SLA	10.92	34	eP	20	03.00	-0.9
			S	22	37.00	
			SS	23	06.00	
HJA	12.28	30	e(P)	20	18.00	-4.1X
YJA	13.18	28	e(P)	20	33.00	-1.5
TPZ	13.74	26	P	20	42.00	0.1
			i	20	51.30	
CCH	17.43	19	P	21	28.00	-1.3
ARE	17.52	2	iPd	21	30.50	0.1
CNCB	17.56	13	P	21	32.00	0.9
			i	21	35.00	
LPB	17.80	13	P	21	35.50	1.4
	1.0s		280.00nm			5.3mb
Z	19s		2.08um			5.4Msz
			i	21	37.00	
			LR	27	15.00	
ZOBO	18.06	12	iP	21	37.00	-0.3
	1.0s		115.00nm			5.0mb
Z	16s		3.18um			4.6Msz
			LR	27	07.00	
VAO	24.60	70	eP	22	43.60	-1.7
BMA	26.98	73	eP	23	04.70	-2.7
BAO	28.42	56	iPc	23	17.40	-3.2X
			i	23	51.70	
ITR	39.88	59	iPc	24	56.60	-2.6
			e	25	01.20	
			e	25	05.30	
			e	25	08.30	
			e	25	13.70	
			e	29	23.40	
SNA	51.57	156	eP	26	30.50	-0.8
	1.0s		60.00nm			5.5mb
SJG	52.17	7	iPc	26	33.50	-2.9
	0.9s		29.41nm			5.2mb
Z	18s		2.75um			5.3Msz
JCT	69.30	335	eP	28	32.50	-0.3
	1.0s		30.00nm			5.3mb
LTX	69.75	331	eP	28	34.50	-1.1
	1.5s		25.71nm			5.1mb
RSCP	70.42	348	iP	28	38.40	-1.1
	0.8s		56.74nm			5.7mb
BHO	71.34	340	eP	28	44.40	-0.6
VVO	72.48	340	e(P)	29	09.70	17.9X
TUL	73.03	340	eP	28	54.60	-0.4
	0.8s		20.80nm			5.2mb
RLO	73.06	341	eP	28	54.80	-0.4
OZO	73.17	337	iP	28	55.00	-0.9
FVM	73.66	345	iP	28	58.20	-0.4
	0.9s		27.12nm			5.2mb
KIC	75.14	72	eP	29	06.70	-1.0
ALQ	75.79	331	eP	29	09.00	-2.3
	1.0s		9.50nm			4.7mb
			e	29	11.50	
GLA	77.89	324	eP	29	24.00	1.2
RSNY	78.25	358	eP	29	24.30	-0.1
	0.9s		10.08nm			4.8mb
OTT	79.13	357	eP	29	30.00	0.8
PLM	79.13	323	eP	29	30.00	0.2
GLD	79.56	335	eP	29	33.00	1.1
	1.0s		22.00nm			5.1mb
GOL	79.57	335	eP	29	31.80	-0.3
	0.8s		3.27nm			4.4mb
HNME	79.92	3	eP	29	34.00	0.6
MWC	80.43	323	eP	29	38.00	1.3

GSC	80.67	324	eP	29	38.00	0.2
SBB	80.68	323	eP	29	38.00	0.1
CLC	81.47	324	eP	29	43.00	1.1
ISA	81.77	323	eP	29	45.00	1.4
LHC	83.51	349	eP	29	52.00	-0.1
EUR	83.66	327	iP	29	54.50	1.1
	0.2s		12.56nm			5.7mb
BDW	83.79	333	eP	29	53.50	-0.5
	1.0s		8.20nm			4.8mb
JAS1	84.52	324	eP	29	59.00	1.5
	1.0s		0.90nm			3.9mb X
ARN	84.62	323	P	30	01.00	3.0
RSON	86.66	346	iP	30	07.40	-0.4
	0.8s		7.04nm			4.9mb
EDM	94.01	337	eP	30	41.00	-1.2
WRA	120.70	209	PKP	36	07.00	-0.3
	0.9s		2.10nm			
QUE	145.26	85	ePKP	37	03.00	0.0
GBA	145.70	119	PKP	37	04.00	0.1
POO	145.97	108	iPKPd	37	04.30	0.0
PSI	147.71	163	iPKPd	37	09.40	2.2X
	0.9s		30.20nm			
HYB	148.96	115	ePKP	37	12.00	2.9X
IPM	150.00	166	ePKPd	37	12.60	1.8
S.D. = 1.2			on 62 of 70 obs.			

SEP 27, 1985 11h 16m 26.95± 0.67s
17.970 N ± 9.2km 101.993 W ± 5.7km
DEPTH = 33.0km (normal)
4.7mb (18 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	2.43	80	iP	17	06.00	0.5
			iS	17	39.00	
OXM	2.55	59	iP	17	08.50	1.2
TPM	2.96	70	iP	17	14.00	1.1
UNM	2.99	63	eP	17	14.50	1.1
			iS	17	57.00	
TAC	3.01	61	iP	17	15.00	1.3
IIC	3.15	55	eP	17	16.00	0.3
VHO	5.07	97	iP	17	44.00	1.1
			i	18	52.00	
LTX	11.42	353	eP	19	12.10	1.3
	1.5s		45.71nm			5.4mb
JCT	12.61	9	eP	19	27.10	0.2
	1.1s		41.14nm			5.4mb
QZO	17.04	8	iP	20	24.00	-0.3
ALQ	17.37	348	eP	20	30.00	1.4
	1.0s		7.75nm			3.8mb
BHO	17.54	20	iP	20	31.20	0.7
VVO	18.17	17	iP	20	36.40	-2.0
TUL	18.70	16	iP	20	42.80	-2.0
	0.8s		44.10nm			4.7mb
GLA	18.94	325	eP	20	49.00	1.1
RLO	19.15	17	iP	20	47.70	-2.6
PLM	20.32	322	eP	21	07.00	3.8X
MWC	21.63	322	eP	21	17.00	0.4
GSC	21.71	326	eP	21	17.00	-0.2
SBB	21.83	323	eP	21	20.00	1.6
GOL	21.85	353	P	21	19.00	0.1
	1.0s		6.50nm			4.0mb
GLD	21.88	353	eP	21	20.30	1.2
	1.0s		20.00nm			4.5mb
FVM	22.37	25	iP	21	20.80	-2.9X
	0.8s		13.64nm			4.5mb
CLC	22.52	325	eP	21	25.00	-0.3
RSCP	22.81	36	eP	21	26.40	-1.7
ISA	22.89	324	eP	21	31.00	2.0
PRI	24.50	321	eP	21	46.40	1.8
FRI	24.54	324	eP	21	44.90	0.1
EUR	24.63	333	iP	21	46.50	0.5
	0.5s		5.05nm			4.3mb
MNA	24.80	329	eP	21	48.50	1.0
BDW	25.55	347	P	21	53.00	-1.7
	1.0s		6.40nm			4.2mb
ARN	25.83	322	eP	21	58.50	1.4
BMN	25.95	333	eP	21	58.50	0.2
ORV	27.36	326	eP	22	10.50	-0.6
LRM	29.10	345	eP	22	25.80	-1.2
LHC	32.09	16	eP	22	50.00	-3.1X
EDM	36.28	348	iPc	23	27.30	-1.8
FFC	36.69	0	eP	23	30.00	-2.4
	0.8s		15.00nm			4.9mb
YKA	45.34	352	eP	24	42.20	-1.3
INK	54.10	346	eP	25	49.00	-1.5
COL	55.92	338	eP	26	03.00	-0.8
SOB1	66.08	109	eP	27	11.90	-1.5

27d 11h

		e	27	23.00		
VAO	67.44	125	e(P)	27	20.00	-2.0
EKA	80.32	35	Pd	28	36.20	0.1
	1.3s	20.30nm			5.0mb	
GRR	83.91	41	eP	28	55.50	0.6
	0.8s	5.10nm			4.7mb	
LPF	83.92	42	eP	28	55.20	0.3
	0.8s	5.10nm			4.7mb	
FLN	84.02	41	eP	28	56.00	0.6
	0.9s	11.60nm			5.0mb	
LDF	84.30	41	eP	28	57.20	0.4
LSF	86.20	43	eP	29	06.40	0.0
	0.8s	4.90nm			4.8mb	
TCF	86.62	42	eP	29	08.50	0.0
	0.8s	2.90nm			4.6mb	
MZF	86.89	42	eP	29	09.90	0.1
	1.0s	4.60nm			4.7mb	
SSF	87.14	41	eP	29	10.90	-0.1
LOR	87.28	41	eP	29	12.00	0.4
	0.6s	1.80nm			4.5mb	
LBF	87.47	41	eP	29	12.20	-0.4
HYB	144.83	359	ePKP	36	00.50	-2.6X
	S.D. = 1.2	on	51 of	55	obs.	

SEP 27, 1985 12h 10m 08.67± 0.45s
4.260 N ± 6.8km 124.913 E ± 8.4km
DEPTH = 33.0km (normal)
5.2mb (5 obs.)
CELEBES SEA (262)

DAV	2.89	13	iP	10	53.50	0.2
AAI	8.55	157	ePc	12	12.30	-0.9
MAN	11.00	340	eP	12	51.00	4.1X
CVP	13.70	347	iPd	13	30.00	7.0X
	1.0s	61.00nm			5.4mb	
TRT	17.07	226	iPc	14	08.10	1.6
MTN	18.08	160	eP	14	17.00	-2.1
KNA	20.24	169	eP	14	43.00	-1.1
IPM	23.82	272	ePd	15	15.40	-4.4X
LAT	24.57	116	eP	15	29.00	1.9
PPI	24.94	260	eP	15	31.70	1.1
WRA	25.78	159	Pd	15	37.60	-0.8
	0.7s	14.30nm			4.7mb	
WB2	25.78	159	iPd	15	38.00	-0.5
PMG	25.99	122	eP	15	40.00	-0.5
ASPA	29.11	183	iPd	16	08.00	-0.8
CHG	29.20	362	eP	16	10.00	0.3
WEK	31.30	191	eP	16	27.00	-1.2
CTA	32.02	140	iPd	16	35.10	0.6
	1.0s	36.50nm			5.2mb	
MRWA	34.37	194	eP	16	54.00	-0.8
MAT	34.38	19	eP	16	51.00	-3.8X
	1.0s	25.00nm			5.1mb	
BJI	36.48	349	eP	17	10.00	-2.6
LZH	37.15	331	eP	17	18.00	-0.5
STK	39.29	157	iPd	17	36.60	0.3
ADE	41.12	163	iPd	17	52.00	0.6
	0.8s	37.31nm			5.2mb	
BRS	41.40	141	P	17	53.20	-0.5
YOU	44.26	152	eP	18	18.40	1.4
CAN	45.41	152	eP	18	27.40	1.2
KOU	45.84	124	iPd	18	30.10	0.4
WAM	46.07	153	iPd	18	35.00	3.7X
HYB	47.23	290	eP	18	50.00	9.1X
GBA	47.73	284	P	18	45.00	0.3
DZM	48.32	125	iPc	18	50.00	0.6
NOU	48.44	125	iPc	18	51.00	0.8
MSZ	62.05	147	P	20	29.20	0.9
	S.D. = 1.1	on	27 of	33	obs.	

& SEP 27, 1985 12h 15m 47.18s
59.590 N 153.489 W
DEPTH = 113.5km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.68	29	iP	16	05.35	-0.7
			iS	16	20.50	
RDT	1.13	28	iP	16	09.85	-0.5
			iS	16	26.80	
CNPM	1.15	92	iP	16	09.79	-0.8
NKA	1.61	43	iP	16	16.60	0.7
			iS	16	38.00	
SPU	1.75	23	iP	16	16.89	-0.8
			iS	16	39.00	
CRP	1.81	21	iP	16	18.01	-0.5
SVW	1.86	326	eP	16	18.40	-0.6
CGLM	1.87	22	iP	16	18.46	-0.8
SLKM	1.88	59	iP	16	17.83	-1.5
KDC	1.92	164	eP	16	17.30	-2.4
SEW	2.10	74	iP	16	20.50	-1.6
			iS	16	45.80	
PMS	2.56	48	iP	16	26.69	-1.5
PMR	2.94	45	eP	16	30.75	-2.4
KNIM	2.99	73	iP	16	31.78	-2.1
PME	3.00	45	eP	16	31.50	-2.5
KNK	3.09	52	iP	16	32.82	-2.4
			iS	17	07.24	
GHO	3.14	44	iP	16	33.47	-2.4
			iS	17	09.38	
GLI	3.44	65	iP	16	36.90	-3.0
TTA	3.57	341	eP	16	40.00	-1.7
MID	3.65	89	eP	16	40.60	-2.1
SGAM	4.25	74	eP	16	48.63	-2.3
TOA	4.38	52	eP	16	50.00	-2.7
SNH	5.40	79	eP	17	04.83	-1.8
WAX	5.41	76	eP	17	04.27	-2.5
SDN	5.69	225	eP	17	07.10	-3.5
BALM	5.73	71	iP	17	08.45	-2.8
YAH	5.95	77	iP	17	12.35	-2.1
COL	5.95	24	iP	17	11.00	-3.3
F8A	5.95	24	eP	17	10.80	-3.5
GYO	6.08	80	iP	17	13.73	-2.3
IMA	6.50	359	eP	17	20.30	-1.6
BCPM	7.01	81	eP	17	26.00	-2.6
INK	12.32	37	eP	18	37.00	-2.5
MBC	20.50	23	eP	20	15.00	-2.4
	34 obs. associated					

SEP 27, 1985 13h 11m 54.54± 0.47s
11.236 N ± 9.5km 140.440 E ± 7.1km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
WEST CAROLINE ISLANDS (209)

GUMO	4.92	61	e(P)	13	07.50	-0.6
PJG	4.92	61	e(P)	13	08.00	-0.1
GUA	4.93	62	e(P)	13	08.40	0.1
	1.0s	488.00nm				
			eS	14	00.60	
MAN	19.17	282	eP	16	18.00	-0.3
MAT	25.28	356	eP	17	19.00	-0.5
	0.8s	11.19nm			4.5mb	
WB2	31.56	191	eP	18	14.20	-2.1
WRA	31.56	191	Pd	18	18.50	2.2
	1.2s	9.70nm			4.5mb	
BJI	35.83	327	eP	18	53.00	0.0
DZM	41.79	142	iPc	19	41.90	-1.0
PKI	53.96	296	eP	21	18.40	0.3
KKN	54.10	296	eP	21	19.30	0.3
HYB	60.07	284	ePd	22	01.50	0.2
INK	78.18	22	eP	23	51.00	-0.9
YKA	86.91	27	eP	24	38.00	0.9
KJF	89.53	336	eP	25	04.00	14.4X
SUF	90.81	335	iP	24	54.20	-1.4
SBB	93.14	54	eP	25	08.00	1.0
GSC	93.77	53	eP	25	11.00	1.1
GLA	96.00	55	eP	25	21.00	0.9
ZOBO	151.82	103	ePKP	31	49.50	7.0X
CNCB	151.89	105	ePKP	31	50.70	8.1X
	S.D. = 1.1	on	18 of	21	obs.	

* SEP 27, 1985 13h 24m 26.21± 2.35s
42.466 N ± 7.0km 18.427 E ±17.7km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
Felt (V) at Herceg Novi and (IV) in the Boka Kotorsko area.

HCY	0.06	110	iPg	24	28.20	-0.2
			iSg	24	29.70	
BDV	0.35	121	iPg	24	33.60	0.2
			iSg	24	38.70	
BRY	0.44	11	iPg	24	35.50	0.2
			iSg	24	41.50	
NKY	0.55	50	iPg	24	36.50	-0.8
			iSg	24	45.50	
TTG	0.62	93	iPg	24	38.00	-0.6
			iSg	24	47.20	
ULC	0.79	129	iPg	24	41.50	-0.1
			iSg	24	53.30	
PLE	1.12	39	iPg	24	47.00	-0.2
			iSg	25	04.00	
PVY	1.15	83	iPg	24	48.50	0.7
			iSg	25	06.00	
IVA	1.16	69	iPg	24	48.80	0.9
	S.D. = 0.6	on	9 of	9	obs.	

& SEP 27, 1985 14h 15m 00.09s
37.090 N 116.002 W
DEPTH = 0.0km
4.6mb (16 obs.)
SOUTHERN NEVADA (41)
<DOE>. ML 4.5 (BRK). 37° 05' 23.31" N., 116° 00' 06.36" W., Surface Elev. 1312 m., Depth of Burial 366 m., Shot Time 141500.081, "PUNIL", Nevada Test Site (Dept. of Energy).

LOP	0.27	209	iPc	15	05.50	0.0
SPRG	0.42	159	iPc	15	08.30	-0.3
KRNA	0.72	335	iPc	15	14.00	-0.4
AMR	0.79	209	iPc	15	14.90	-0.9
NOP	0.97	187	iPc	15	18.00	-1.4
SRG	1.09	43	iPc	15	20.00	-1.5
CLC	1.81	226	iPc	15	32.10	-0.7
GSC	1.90	200	iPc	15	33.40	-0.8
MNA	2.17	309	iPc	15	37.80	-0.4
EUR	2.39	1	iP	15	40.60	-0.8
ISA	2.45	235	iPc	15	41.40	-0.7
FRI	2.97	269	iPc	15	48.90	-0.4
BMN	3.47	344	eP	15	55.60	-1.0
JAS1	3.61	285	iP	15	57.60	-0.9
PRI	3.87	257	eP	16	01.40	-0.9
LLA	3.99	265	eP	16	04.00	0.1
RMU	4.02	89	eP	16	04.00	-0.5
GLA	4.14	166	eP	16	05.00	-1.1
SAO	4.37	267	eP	16	17.80	8.4
PRS	4.38	262	eP	16	08.30	-1.1
MHC	4.51	275	eP	16	12.40	1.0
ORV	4.97	301	eP	16	16.20	-1.7
PV09	5.62	73	eP	16	26.60	-0.7
BDW	7.53	39	iP	16	54.00	0.0
	1.0s	38.00nm			5.6mb	X
ALQ	8.03	103	eP	16	59.00	-2.0
LRM	9.12	16	eP	17	18.20	2.0
NEW	11.20	356	eP	17	47.00	2.5
LTX	12.89	123	eP	18	10.30	2.8
	1.0s	7.00nm			4.9mb	
QZO	13.70	94	eP	18	19.50	1.4
	0.8s	9.80nm			4.8mb	
SES	13.77	13	eP	18	19.00	0.0
JCT	14.99	111	eP	18	37.10	2.1
	1.1s	9.49nm			4.2mb	
EDM	16.24	6	iP	18	51.50	0.4
TUL	16.30	88	eP	18	52.50	0.6
	1.1s	16.50nm			4.1mb	
VVO	16.45	90	eP	18	56.20	2.3
RLO	16.87	87	eP	18	55.40	-3.8
BHO	17.37	93	eP	19	05.20	-0.3
	0.9s	2.40nm			3.3mb	X
FFC	20.09	24	eP	19	36.50	-1.4
	0.7s	16.00nm			4.5mb	
RSON	21.03	42	P	19	45.50	-2.2
	0.8s	35.21nm			4.7mb	
PMR	32.05	330	P	21	29.00	-1.3
	1.0s	15.00nm			4.9mb	
SOD	72.08	14	eP	26	26.00	-1.6
NB2	73.19	24	P	26	32.60	-1.7
	1.1s	5.10nm			4.5mb	
HFS	74.68	24	eP	26	40.90	-2.0
	0.5s	2.70nm			4.5mb	
Z	12s	0.06um			4.1MszX	
		LR		54	46.00	
FLN	77.16	38	eP	26	56.20	-0.9
GRR	77.22	38	eP	26	56.80	-0.7
MFF	78.79	39	eP	27	05.20	-0.9
	0.9s	6.40nm			4.7mb	
MAT	79.59	308	(P)	27	09.00	-1.7
TCF	80.18	38	eP	27	12.40	-1.3
SSF	80.27	37	eP	27	13.00	-1.1
	1.2s	6.40nm			4.5mb	
LOR	80.30	37	eP	27	13.30	-1.0
	1.2s	13.40nm			4.8mb	
BGF	80.31	38	eP	27	13.10	-1.2
	0.9s	3.90nm			4.4mb	
MZF	80.42	38	eP	27	13.90	-1.1
LBF	80.55	37	eP	27	14.60	-1.1
	1.2s	5.30nm			4.4mb	
LPO	80.78	40	eP	27	15.90	-1.0

HAU 80.93 35 eP 27 16.90 -0.7
CAF 81.06 39 eP 27 17.00 -1.4
0.8s 2.90nm 4.4mb
BSF 81.26 35 eP 27 18.40 -1.1
LPG 82.96 37 eP 27 28.40 -0.2
FRF 84.33 38 eP 27 34.40 -0.8
LMR 84.43 38 eP 27 35.00 -0.7
1.1s 8.70nm 4.9mb
WB2 117.16 265 ePKP 34 03.70 14.5
WRA 117.17 265 PKPc 34 03.60 14.3
0.5s 1.70nm
KRI 143.59 66 ePKP 34 34.00 -5.2
BUL 144.90 71 IPKPd 34 39.20 -2.1
0.8s 3.73nm
MTD 144.98 63 ePKP 34 41.50 0.0
64 obs. associated

? SEP 27, 1985 16h 28m 29.49± 2.57s
12.644 S ±19.1km 168.231 E ±27.9km
DEPTH = 33.0km (normal)
SANTA CRUZ ISLANDS REGION (183)

HNR 8.74 291 P 30 36.00 -0.6
KOU 8.73 205 iPc 30 35.70 -0.8
SVO 8.96 292 eP 30 40.00 0.3
eS 32 06.00
DZM 9.53 190 iPc 30 52.50 4.9X
lS 32 34.00
NOU 9.76 190 iPc 30 57.90 7.2X
lS 32 38.50
BRS 20.61 222 eP 33 10.00 1.4
CTA 22.33 248 eP 33 26.00 0.0
SBA 65.21 180 eP 39 09.20 -0.2
SPA 77.44 180 e(P) 40 38.00 15.0X
S.D. = 1.0 on 6 of 9 obs.

• SEP 27, 1985 16h 37m 59.08± 1.26s
35.109 S ± 8.9km 178.252 W ±16.4km
DEPTH = 33.0km (normal)
4.9mb (2 obs.) 5.1Msz (1 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ 4.62 219 P 39 10.00 1.6
S 40 02.00
KRP 5.74 239 P 39 25.00 0.9
S 40 26.50
MNG 7.40 220 P 39 47.80 0.3
eS 41 06.00
CRZ 7.49 273 P 39 48.10 -0.7
MSZ 14.26 224 eP 41 19.00 -1.6
NOU 18.48 310 iPc 42 15.30 1.0
DZM 18.66 310 iPc 42 17.40 0.8
KOU 21.13 309 iPc 42 43.90 0.5
BRS 25.87 279 eP 43 28.00 -1.6
CTA 34.62 286 iPc 44 48.30 0.9
1.0s 20.00nm 5.0mb
ASPA 42.86 272 iPd 45 56.00 0.0
WB2 44.25 277 eP 46 06.00 -1.3
WRA 44.26 277 Pd 46 06.80 -0.6
0.9s 17.90nm 4.9mb
SPA 55.07 180 e(P) 47 35.30 5.4X
TIA 93.01 313 eP 51 02.20 -8.1X
S 00 14.50
SNY 93.28 321 Pc 51 11.00 -0.3
S 00 30.00
CN2 93.76 323 Pc 51 12.30 -1.2
GOL 100.26 49 ePdiff52 02.00 18.3X
Z 22s 0.71um 5.1Msz
SOD 144.66 344 ePKP 57 34.00 1.1
KJF 146.86 339 iPKP 57 41.40 4.7X
0.9s 22.00nm
SUF 148.45 339 iPKP 57 44.70 5.5X
0.8s 10.40nm
NUR 150.60 337 iPKP 57 51.00 8.4X
0.8s 0.50nm
S.D. = 1.1 on 16 of 22 obs.

SEP 27, 1985 16h 39m 48.75± 0.19s
34.506 N ± 2.9km 26.599 E ± 2.7km
DEPTH = 61.4km (9 depth phases)
5.6mb (70 obs.)
CRETE (370)
Felt at Jerusalem, Israel. Also felt in Egypt.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 25C

Centroid Location:
Origin Time 16:39:48.4 0.3
Lat 34.05N 0.03 Lon 26.94E 0.05
Dep 43.8 4.5 Half-duration 2.4
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.44 0.08 Mtt= 3.27 0.14
Mff=-2.83 0.12 Mrt= 1.48 0.17
Mrf= 0.08 0.16 Mtf= 0.22 0.13
Principal Axes:
T Val= 3.79 Plg=19 Azm=358
N -0.96 71 180
P -2.84 1 88
Best Double Couple:Mo=3.3*10**24
NP1:Strike=135 Dip=76 Slip= 13
NP2: 41 77 166

NPS 1.11 313 IPgc 40 11.00 2.6
YER 2.96 27 iPn 40 35.80 1.5
ELL 3.50 49 iPn 40 27.20 -14.9X
IZM 3.92 8 iPn 40 59.10 11.3X
ATH 4.17 327 ePn 40 52.50 1.2
eSn 41 39.50
BCK 4.38 47 iPn 40 54.60 0.3
PRK 4.74 357 ePn 41 00.80 1.5
EZN 5.31 358 iP 41 07.40 0.1
DST 5.34 17 iP 41 08.20 0.4
CSS 5.56 83 eP 41 05.00 -5.9X
e 41 56.00
PAIG 5.89 338 ePnc 41 16.10 0.7
KCT 5.90 13 eP 41 15.50 -0.1
EDC 5.92 9 iP 41 16.00 0.2
BNT 5.93 10 iP 41 16.00 0.0
KGT 5.96 5 iP 41 17.50 1.1
VLS 6.08 309 ePn 41 18.00 -0.1
eSn 42 23.50
HLW 6.13 138 eP 41 08.00 -10.8X
OUR 6.18 341 ePnc 41 20.20 0.8
LIT 6.47 331 ePnc 41 23.80 0.2
e 42 48.20
GPA 6.48 26 IPn 41 22.80 -0.9
HRT 6.76 20 eP 41 27.50 0.0
THE 6.76 336 ePnc 41 18.00 -9.5X
CTT 6.79 12 eP 41 29.00 1.1
SOH 6.81 339 ePnc 41 29.40 1.1
ISK 6.83 16 eP 41 28.20 -0.3
KZN 6.95 328 ePn 41 29.00 -1.2
SRS 7.01 341 ePnc 41 31.60 0.5
KDZ 7.19 353 iPc 41 34.00 0.5
GRG 7.25 334 ePnc 41 34.50 0.2
KNT 7.26 337 ePnc 41 35.50 1.0
CRI 7.28 102 iP 41 25.80 -9.0X
eS 42 41.00
ADI 7.32 99 iP 41 27.10 -8.3X
eS 42 40.00
DMK 7.36 7 iP 41 35.10 -0.8
MMB 7.42 343 ePg 41 37.00 0.2
VAY 7.51 336 iPnc 41 38.50 0.5
BHL 7.53 92 Pn 41 29.00 -9.3X
Sn 42 50.00
GVI 7.54 110 iP 41 27.80 -10.6X
eS 42 45.00
DIM 7.57 354 iPc 41 39.00 0.2
HRI 7.70 97 iP 41 32.40 -8.3X
KDE 7.77 28 eP 41 40.00 -1.5
NOH 8.02 116 iP 41 35.50 -9.5X
MKT 8.03 114 iP 41 36.70 -8.5X
OHR 8.03 327 iPnc 41 42.80 -2.4
SKO 8.48 333 iPnc 41 49.70 -1.7
1.1s 60.00nm 5.4mb X
i 41 52.70
i 42 24.00
VTS 8.51 343 iPg 41 52.00 0.3
PVL 8.70 353 iPc 41 55.00 0.7
LCI 9.00 313 P 41 54.50 -4.0X
PSN 9.25 7 iPc 42 02.00 0.2
ULC 9.42 324 ePn 42 00.50 -3.8X
eSn 43 43.00
PVY 9.60 329 ePn 42 03.50 -3.3
eSn 43 49.00
TTG 9.78 326 iPnd 42 04.50 -4.6X
eSn 43 50.00
BRT 9.79 313 P 42 06.00 -3.2X
BUC1 9.84 358 iPc 42 10.00 0.1
BDV 9.87 324 ePn 42 08.00 -2.4
e(Sn) 43 54.50
BUC 9.90 358 iPc 42 11.00 0.2
TLB 10.13 6 ePd 42 12.00 -1.9

NKY 10.20 327 ePn 42 10.50 -4.5X
eSn 44 00.00
SRE 10.47 347 eP 42 20.00 1.4
BRY 10.48 328 ePn 42 13.50 -5.3X
eSn 44 04.00
ISR 10.62 360 ePd 42 22.00 1.4
CFR 10.73 6 ePd 42 20.00 -2.0
GIB 10.74 292 P 42 20.00 -2.3
SGO 10.81 307 P 42 21.00 -2.1
COZ 10.94 352 ePd 42 24.00 -1.0
CLO 10.95 346 ePd 42 26.00 1.0
MLR 10.98 358 iPc 42 25.00 -0.6
GZR 11.26 346 iPd 42 27.00 -2.3
BEO 11.33 337 iPn 42 28.10 -2.1
iSg 44 35.56
VRI 11.35 0 ePd 42 30.00 -0.4
RTB 11.51 94 iPc 42 30.00 -2.6
iPP 42 43.50
iPPP 42 48.00
i 43 05.50
iS 44 54.00
iSS 45 15.00
iSSS 45 23.00
MSR 11.60 354 ePd 42 33.00 -0.8
PPE 11.72 3 eP 42 40.00 4.6X
ASW 11.75 151 iPd 42 26.00 -9.8X
iS 44 42.00
CLI 12.04 2 eP 42 40.00 0.3
DOC 12.39 360 eP 42 44.00 -0.2
AQU 12.97 311 P 42 51.00 -0.9
RDP 13.10 308 P 42 56.00 2.3
MNS 13.44 310 P 42 56.00 -2.0
MSL 13.63 77 eP 42 57.00 -3.6X
iPP 43 17.00
iS 45 54.00
PSZ 14.31 341 eP 43 08.00 -1.5
CEY 14.56 324 iP 43 04.70 -8.0X
i 43 08.60
iS 45 44.00
SRO 14.67 337 iP 43 13.90 -0.2
N 10s 3.20um
E 10s 2.30um
i 43 28.00
e(S) 46 01.00
LJU 14.73 325 eP 43 09.60 -5.3X
e 43 11.60
eS 45 49.10
BHD 14.83 90 ePc 43 15.00 -1.2
e 44 04.00
i 45 10.50
iS 46 03.50
i 47 45.00
TRI 14.87 323 iPnc 43 13.30 -3.3X
iSn 45 49.10
i 47 36.00
VOY 15.03 324 iP 43 15.10 -3.8X
i 43 17.60
iS 45 56.70
SOP 15.17 333 ePc 43 19.00 -1.5
SPC 15.41 344 eP 43 26.60 2.8X
VKA 15.74 334 ePd 43 27.00 -0.9
2.0s 716.00nm 5.5mb
i 43 30.70
i 45 33.50
CVF 16.02 305 iPc 43 30.10 -1.4
KBA 16.05 325 iPd 43 28.00 -3.9X
1.2s 348.00nm 5.4mb
ic 43 29.10
i 43 31.70
iPP 43 36.70
i 45 08.70
iSn 45 26.80
i 46 22.70
i 46 50.20
CTI 16.19 320 P 43 36.00 2.4X
KRA 16.29 345 iPc 43 33.70 -1.1
1.1s 253.00nm 5.3mb
Z 14s 8.60um
N 14s 7.70um
E 12s 7.70um
i 43 37.20
i 43 40.20
e 46 50.00
KMR 16.43 329 iP+ 43 36.00 -0.6
i 46 51.10
SAL 16.53 317 P 43 36.50 -1.3
BHG 16.73 326 eP 43 38.40 -2.0

27d 16h

KER 16.92 85 eP 43 42.00 -1.0
OGA 17.05 321 eP 43 42.80 -1.7
KHC 17.50 331 iPc 43 49.20 -0.7
1.2s 375.00nm 5.4mb
VDL 17.64 318 ePc 43 53.50 1.6
TMA 17.76 316 ePc 43 51.30 -2.0
FUR 17.80 325 iPc 43 52.50 -1.1
1.5s 729.00nm 5.6mb
iS 47 16.00
PRU 17.82 334 iPc 43 52.70 -1.1
1.5s 363.80nm 5.3mb
Z 10s 3.70um 5.4Msz
N 12s 1.60um
E 13s 5.00um
PP 44 08.50
S 47 17.60
FRF 17.91 306 iPc 43 53.80 -1.2
LMR 17.91 305 iPc 43 53.70 -1.3
1.3s 168.90nm 5.1mb
KSP 17.97 338 iPc 43 57.40 1.8
1.5s 693.00nm 5.6mb
i 44 09.50
e 47 35.00
ORO 18.02 314 P 43 54.50 -1.9
LRG 18.06 306 iPc 43 56.10 -0.7
1.2s 158.00nm 5.1mb
LLS 18.13 318 ePd 43 58.30 0.4
WAR 18.17 349 P+ 43 54.00 -4.1X
eS 47 20.00
SAX 18.18 320 ePd 43 58.40 -0.1
MMK 18.26 315 ePc 43 57.80 -1.7
CDR 18.54 306 iPc 44 01.40 -1.3
i 44 11.20
e 47 14.20
e 47 32.00
e 47 34.10
DIX 18.60 314 ePc 44 02.60 -1.0
LPG 18.70 312 iPc 44 03.10 -1.8
BRG 18.77 334 iPc 44 04.00 -1.4
2.2s 440.00nm 5.3mb
iS 47 36.00
ZUL 18.83 319 eP+ 44 05.30 -0.9
GRF 18.93 328 iPc 44 05.60 -1.7
Z 19s 3.00um
eS 47 39.40
eSS 47 50.20
STU 19.23 323 iPc+ 44 09.00 -1.6
0.8s 238.81nm 5.5mb
FEL 19.27 319 P 44 09.60 -1.6
ABA 19.28 284 iP 44 10.50 -0.7
BBS 19.31 318 P 44 10.40 -1.1
CLL 19.47 334 iPc 44 11.40 -1.7
1.8s 500.00nm 5.5mb
eS 47 55.00
MOX 19.48 330 iPc+ 44 12.00 -1.3
1.4s 477.00nm 5.6mb
Z 14s 3.40um
N 13s 4.70um
E 18s 5.90um
i 44 19.00 26kmX
i 44 35.00
e 47 46.00
i 48 00.00
BUH 19.66 322 iPc 44 14.80 -0.4
ROF 19.77 318 P 44 15.60 -0.7
BSF 19.91 318 iPc 44 16.80 -1.2
CDF 19.99 320 iPc 44 18.10 -0.6
GWF 20.16 322 P 44 20.40 0.0
HAU 20.26 318 iPc 44 21.00 -0.5
TEH 20.30 79 ePd 44 23.00 0.8
BRN 20.31 336 iPc 44 21.30 -0.6
BRL 20.33 336 eP 44 21.50 -0.5
TNS 20.57 325 iPc 44 24.20 -0.4
eS 48 18.00
VITF 20.58 318 P 44 25.00 0.3
SMF 21.03 312 iPc 44 28.20 -1.1
LBF 21.10 313 iPc 44 29.20 -0.9
LOR 21.31 314 iPc 44 31.40 -0.7
0.5s 102.50nm 5.4mb
AVF 21.40 312 iPc 44 32.20 -0.8
SSF 21.43 313 iPc 44 32.70 -0.6
CAF 21.47 306 iPc 44 33.40 -0.4
MLS 21.56 301 eP 44 33.40 -1.3
EBR 21.56 295 eP 44 32.00 -2.7
eS 48 30.00
STB 21.58 324 iPc 44 35.60 0.8
BGF 21.61 311 iPc 44 34.90 -0.2
MZF 21.63 310 iPc 44 35.20 -0.1
BNS 21.67 325 iPc 44 36.50 0.9
1.7s 600.00nm 5.7mb
KLL 21.87 324 iPc 44 38.70 1.0
TCF 21.89 310 iPc 44 38.10 0.1
GSH 21.90 324 ePc 44 39.00 1.0
RJF 21.97 307 iPc 44 39.00 0.3
LPO 21.98 305 iPc 44 39.00 0.2
MEM 22.00 323 iPc 44 40.80 1.9
JCK 22.07 325 ePc 44 41.10 1.6
EPF 22.11 300 iPc 44 38.60 -1.6
0.7s 21.30nm 4.7mb
ENN 22.14 323 iPc 44 41.90 1.6
1.4s 2206.00nm 6.4mb
e 44 55.00 55km
eS 48 48.00
LSF 22.31 309 iPc 44 42.60 0.5
LFF 22.37 305 iPc 44 43.00 0.4
DOU 22.40 321 Pc+ 44 43.30 0.4
0.6s 236.30nm 5.8mb
S 48 45.00
SHI 22.47 95 eP 44 43.00 -1.0
WTS 22.53 327 iPc 44 45.00 0.8
1.4s 808.00nm 6.0mb
e 45 00.00 65km
SNF 22.81 321 P 44 47.70 0.8
UCC 22.94 322 Pc+ 44 50.00 1.8
S 48 58.00
WIT 23.16 328 eP 44 51.90 1.6
COP 23.33 340 iPd+ 44 52.00 0.2
0.8s 298.51nm 5.8mb
iS 49 05.00
MFF 23.52 309 iPc 44 54.80 1.0
TAF 23.83 279 iP 45 00.00 2.9X
i 45 16.00 69km
LDF 24.30 313 iPc 45 02.10 0.7
CRT 24.58 285 eP 45 06.00 1.8
FLN 24.59 314 iPc 45 04.60 0.5
0.5s 227.70nm 5.9mb
LPF 24.62 312 iPc 45 04.90 0.4
GRR 24.66 313 iPc 45 05.40 0.6
TOL 24.93 291 iPc 45 08.50 1.0
1.1s 6.00nm 4.0mb X
iS 49 31.00
MUD 24.98 337 iPc 45 07.90 0.1
0.5s 113.00nm 5.6mb
UPP 26.04 350 iPc 45 16.90 -0.7
iS 49 42.00
NUR 26.05 358 iP 45 17.30 -0.4
0.7s 529.90nm 6.2mb
Z 22s 5.60um 5.1Msz
eS 49 48.00
e 50 16.00
LR 55 36.00
IFR 26.26 277 iPc 45 21.50 1.3
KHI 26.41 82 iPd 45 21.80 0.3
HFS 26.99 346 iPc 45 25.40 -0.9
0.6s 237.40nm 6.0mb
Z 15s 3.91um 5.1MszX
LR 53 57.00
KONO 27.52 341 iP+ 45 29.50 -1.6
AAE 27.71 153 eP 45 32.50 -1.1
AVE 28.18 277 eP 45 29.00 -8.4X
i 45 38.00 32kmX
SUF 28.24 360 iP 45 37.10 -0.4
0.6s 42.20nm 5.2mb
NB2 28.34 344 P 45 37.20 -1.4
PTO 28.45 294 iPc 45 40.40 0.8
iS 50 26.00
KMY 28.45 337 iP+ 45 39.50 0.0
ODD 28.60 339 iP 45 40.70 -0.2
LIS 28.88 289 iPc 45 44.50 0.9
EKA 29.26 325 Pc 45 46.70 -0.1
0.7s 80.10nm 5.5mb
ESK 29.27 324 eP 45 47.00 0.1
ESY 29.33 326 iPc 45 47.30 -0.2
0.9s 93.00nm 5.4mb
eS 50 38.00
ETA 29.55 318 iPc 45 49.30 -0.2
1.1s 160.00nm 5.6mb
EDI 29.60 326 ePd 45 50.00 0.2
0.8s 265.00nm 6.0mb
iS 50 42.00
EAU 29.68 325 iPc 45 50.50 -0.1
0.8s 183.00nm 5.8mb
HYA 29.72 340 iP 45 50.50 -0.4
KJF 29.73 1 iP 45 50.60 -0.3
1.0s 236.00nm 5.8mb
i 46 06.[illegible] 64km
e 46 44.00
eS 50 40.00
esS 51 32.00
ECB 29.74 317 iPc 45 50.90 -0.2
EDU 29.87 327 iPc 45 51.90 -0.4
0.9s 578.00nm 6.3mb
iS 50 44.80
EBH 29.93 326 iPc 45 52.90 0.1
0.7s 239.00nm 6.0mb
eS 50 48.80
SUE 30.05 339 iP+ 45 54.00 0.2
EAB 30.28 325 iPc 45 56.10 0.2
0.6s 185.00nm 6.0mb
BNG 30.84 196 iPc 45 58.00 -3.2X
0.8s 122.00nm 5.7mb
ic 46 13.30 63km
VAL 31.57 315 iP 46 07.70 0.5
S 51 12.00
SOD 32.91 0 iP 46 18.70 0.0
QUE 34.20 86 eP 46 29.00 -1.6
e(S) 51 40.00
KEV 35.30 0 iP 46 39.60 0.3
1.1s 124.80nm 5.8mb
i 46 55.40 62km
eS 51 56.00
e 52 06.00
esS 53 04.00
esSS 55 44.00
TRO 35.44 355 iP 46 39.80 -0.6
LWI 36.61 176 iPc 46 42.50 -8.6X
NAI 36.86 163 iPd 46 53.00 -0.2
2.0s 352.94nm 5.9mb
KSH 39.36 68 eP 47 14.00 0.1
S 53 11.00
KIC 40.26 233 iPd 47 19.60 -1.8
0.6s 130.00nm 6.0mb
AKU 40.86 334 iPc 47 28.20 2.5X
1.2s 231.25nm 5.8mb
NDI 43.14 83 iP 47 44.50 -0.4
iS 54 06.00
BOM 43.74 99 iP 47 49.00 -0.7
eS 54 19.00
POO 44.76 98 iP 47 59.00 0.9
eS 54 34.00
DAG 46.97 347 iPd 48 14.70 -0.1
0.4s 58.47nm 5.9mb
i 48 29.00 54km
WMQ 47.31 60 Pd 48 18.50 0.4
PP 50 12.50
S 55 09.40
HYB 49.18 97 iPd 48 31.50 -1.2
1.0s 100.00nm 5.8mb
LSZ 49.53 178 iP 48 33.50 -1.9
DMN 50.00 81 iPd 48 39.00 -0.2
KKN 50.07 81 iPd 48 39.20 -0.5
PKI 50.26 81 iPd 48 40.70 -0.6
GBA 50.29 101 P 48 40.00 -1.2
KRI 51.13 176 iPd 48 44.90 -2.7
ipP 48 58.00 48kmX
MTD 51.22 174 eP 48 48.00 -0.2
KOD 52.23 105 eP 48 55.00 -1.2
eS 56 16.00
VIS 52.94 93 eP 48 58.00 -3.1X
BUL 54.38 178 iPd 49 05.00 -6.7X
0.8s 13.06nm 5.0mb
ipP 49 22.30 67km
GDH 54.74 335 iPc 49 14.20 0.5
0.9s 75.63nm 5.7mb
i 56 53.00
ALE 55.87 351 iPc 49 21.70 -0.1
0.8s 103.00nm 5.9mb
SHL 56.37 80 iP 49 23.00 -3.2X
iS 58 08.00
AVY 56.81 156 eP 49 27.00 -2.3
GTA 57.23 62 P 49 32.60 0.5
S 57 25.00
WIN 57.47 190 eP 49 32.00 -1.9
0.8s 22.39nm 5.3mb
EVA 60.72 177 iPd 49 55.40 -0.9
0.7s 45.21nm 5.7mb
BFS 61.07 180 iPd 49 56.90 -1.7
1.4s 181.40nm 6.0mb
LZH 61.42 64 eP 50 00.50 -0.6
S 58 18.00
FRB 61.83 330 iPc 50 03.40 0.2

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              0.7s   111.00nm             6.1mb
CD2      63.51   69 eP      50 15.00   0.1
                    S       58 45.00
BTO      64.05   57 eP      50 19.20   0.8
                    pP      50 34.00  53km
                    S       58 53.00
CHG      65.29   84 iPd     50 25.80  -0.8
         0.7s   18.84nm             5.2mb
KMI      65.33   76 Pc      50 26.50  -0.5
                    pP      50 38.50  41kmX
                    S       59 05.00
XAN      66.06   64 iPd     50 31.40   0.1
                    pP      50 44.00  43kmX
                    S       59 15.00
BDT      66.13   85 eP      50 27.20  -4.7X
SUR      66.75  185 iPd     50 34.80  -1.0
         0.7s   41.10nm             5.5mb
TIY      66.98   59 eP      50 37.40   0.2
                    S       59 28.00
KHT      67.05   87 eP      50 39.80   2.0
MBC      67.44  352 iPc     50 39.80   0.4
         0.5s   25.00nm             5.5mb
GYA      67.81   72 P       50 42.00  -0.7
                    S       59 34.00
NST      67.86   86 eP      50 42.00  -0.9
LOE      68.29   83 eP      50 43.00  -2.6
BJI      68.53   56 eP      50 47.00   0.3
                    epP     51 01.00  49kmX
                    eS      59 47.00
                    esS     00 09.00
HNME     68.93  312 P       50 50.60   1.5
NNT      69.14   89 eP      50 50.90   0.0
EMM      69.29  311 P       50 53.20   1.9
PCT      69.43   86 eP      50 52.80   0.2
MIM      70.02  312 P       50 57.80   2.1
BNH      71.71  312 P       51 08.00   2.0
CAI      72.58  249 e(P)    51 18.90   7.4X
MNT      72.67  314 iPc     51 13.50   1.8
CN2      72.73   49 eP      51 21.00   9.0X
SNG      72.81   93 eP      51 12.00  -0.9
RSNY     73.72  313 eP      51 20.10   2.3
         1.0s   30.00nm             5.2mb
PSI      73.93   98 ePc     51 18.60  -0.8
         0.7s    9.60nm             4.8mb
OTT      73.98  314 eP      51 21.00   1.8
         1.0s   94.00nm             5.7mb
IPM      74.59   95 ePd     51 23.00  -0.3
ITR      74.97  248 eP      51 25.30  -0.1
                    e       51 32.20  22kmX
                    e       51 37.90
                    e       51 44.40
INK      76.42  353 iPc     51 32.80   0.0
         0.9s   26.00nm             5.2mb
SSE      76.52   62 eP      51 34.60   0.6
                    S       01 13.00
PPI      76.94  100 eP      51 36.50   0.0
         0.7s   34.30nm             5.4mb
SOB1     77.15  249 eP      51 37.60  -0.1
                    e       51 43.90  20kmX
                    e       51 49.10
                    e       51 58.10
KGM      77.92   96 ePc     51 42.50   0.5
YKC      78.41  343 iPc     51 45.00   1.2
         0.6s   23.00nm             5.3mb
YKA      78.43  343 eP      51 45.70   1.7
RSNT     78.44  343 P       51 45.40   1.4
         0.8s   72.18nm             5.7mb
NA2      79.32  309 P       51 51.00   1.8
LHC      79.60  322 eP      51 52.00   1.4
IMA      79.75    0 eP      51 53.40   2.2
         1.6s  145.10nm             5.7mb
CVL      79.86  309 P       51 54.20   2.0
RSON     80.09  326 iP      51 54.30   1.2
         0.8s   50.00nm             5.5mb
FFC      80.76  333 iPc     51 57.90   1.3
         0.6s   58.00nm             5.7mb
FBA      80.82  358 eP      51 58.50   1.8
NAV      81.74  310 P       52 03.70   1.5
SJG      82.15  286 e(P)    51 55.00  -9.5X
SHK      82.57   53 eP      52 07.40   1.0
ATB      82.66  261 Pc      52 07.20   0.0
TTA      82.88    , eP      52 09.50   1.9
BAG      84.07   74 eP      52 15.00   0.5
                    eS      02 30.00
PME      84.14  358 eP      52 15.40   1.5
         1.6s  185.40nm             5.9mb
PRM      84.73  308 eP      52 19.00   1.6
MAT      84.87   49 iPc     52 18.90   0.8
         1.1s   32.91nm             5.3mb
      Z  20s    1.24um              5.3Msz
                    eS      02 48.00
MAN      85.45   75 eP      52 27.50   6.3X
PPR      86.28   81 ePd     52 32.00   6.6X
BAO      86.54  249 Pd      52 28.10   1.4
                    i       52 41.10  43kmX
FVM      87.19  315 iP      52 31.20   1.7
         0.6s   34.09nm             5.6mb
SIT      87.52  350 eP      52 33.50   2.9X
BMA      87.99  241 eP      52 43.00   9.5X
VAO      90.22  242 e(P)    52 58.00  14.0X
RLO      91.09  316 eP      52 49.20   1.3
PNT      91.31  339 eP      52 50.00   1.3
         0.7s   18.00nm             5.6mb
NEW      91.45  337 iPc     52 51.10   1.7
         0.9s   47.00nm             5.9mb
TUL      91.71  317 eP      52 52.40   1.6
         1.3s   50.60nm             5.8mb
      Z  22s    0.57um              5.0Msz
LRM      91.90  333 eP      52 53.10   1.3
IMW      92.91  331 P       52 59.00   2.4
BDW      93.27  329 P       52 59.00   0.9
         1.3s   14.15nm             5.2mb
GLD      93.75  325 eP      53 02.00   1.7
TMI      93.80  331 P       53 03.00   2.4
GMW      93.82  340 P       53 02.30   2.0
GOL      93.86  325 P       53 02.00   1.1
HPI      93.92  332 P       53 03.40   2.2
LON      94.26  339 P       53 04.00   1.6
BFW      94.91  340 P       53 07.40   2.0
DUG      96.77  330 P       53 15.40   1.3
JCT      97.96  315 eP      53 21.00   1.5
ALQ      98.15  323 eP      53 21.00   0.6
         1.0s    5.00nm             5.0mb
      Z  20s    1.06um              5.3Msz
BMN      98.31  333 P       53 23.10   2.1
EUR      98.65  332 iP      53 24.20   1.5
         0.1s   13.47nm             6.4mb
WB2     115.35   98 ePKP    58 24.80  -0.7
ASPA    116.76  101 ePKP    58 27.00  -1.1
SPA     124.33  180 e(PKP)58 40.60  -0.8
DRV     130.39  151 e(PKP)59 04.70  11.9X
SBA     133.27  169 e(PKP)56 59.20   1.2
BRS     133.75   97 ePKP    59 04.00   3.5X
DZM     142.77   81 iPKPc   59 24.80   7.6X
NOU     142.88   82 iPKPc   59 29.00  11.7X
MSZ     148.77  121 ePKP    59 31.50   5.2X
VUN     150.03   64 ePKP    59 40.20  11.2X
         S.D. = 1.2  on 275 of 327 obs.
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• SEP 27, 1985  18h 58m 19.40± 1.38s
  28.387 N ± 9.5km  140.688 E ±10.5km
  DEPTH =  18.7 ± 11.8 km
  4.6mb (  4 obs.)
 BONIN ISLANDS REGION                    (212)
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CBI       1.85  134 eP      58 50.00  -0.5
MAT       8.40  346 eP      00 25.00   2.0
                    eS      02 12.00
SHK       9.18  314 eP      00 33.80   0.0
SSE      17.15  284 P       02 20.00   0.4
         6.0s    1.50nm           2.3mb X
      N  11s    0.80um
      E  10s    1.00um
                    eS      05 36.00
                    sS      05 52.00
ANP      17.41  264 eP      02 27.00   4.0X
MDJ      18.46  334 eP      02 31.00  -4.7X
NJ2      19.21  286 iPc     02 47.00   2.0
SNY      19.34  318 iPd     02 44.00  -2.4
CN2      19.65  326 Pd      02 48.00  -2.0
QZH      20.04  265 Pc      02 56.00   1.8
TIA      21.36  297 eP      03 04.00  -3.7X
BAG      22.04  242 eP      03 14.00  -0.9
                    eS      07 17.00
WHN      23.02  282 Pc      03 26.00   1.7
BJI      23.29  306 eP      03 27.50   0.7
                    eS      07 42.00
                    eSS     08 35.00
HKC      24.69  262 eP      03 41.00   0.5
                    eS      08 12.00
GZH      25.16  264 P       03 48.00   2.9X
TIY      25.36  299 eP      03 46.50  -0.5
DAV      25.55  217 eP      03 50.00   1.2
                    eS      08 16.00
HHC      26.87  305 P       04 00.00  -0.9
XAN      27.68  290 eP      04 06.40  -1.9
BTO      27.92  304 iPc     04 11.00   0.5
QIZ      29.67  259 eP      04 25.50  -0.8
GYA      30.21  274 P       04 33.00   1.8
LZH      31.95  293 eP      04 45.00  -1.5
                    PPP     05 58.00
KMI      33.95  273 Pc+     05 06.00   1.9
         6.0s    0.60nm           2.7mb X
                    PP      06 21.00
                    eS      10 28.00
                    sS      10 41.00
GTA      35.39  299 P       05 14.70  -1.5
CHG      39.26  265 eP      05 50.00   1.3
WMQ      44.75  305 P       06 31.50  -2.0
WB2      48.44  188 eP      06 59.20  -3.4X
WRA      48.44  188 Pc      07 00.10  -2.5
         0.8s   14.30nm             5.1mb
CTA      48.49  173 iPc     07 03.00   0.0
         1.2s   10.16nm             4.7mb
KSH      53.79  300 P       07 43.00  -0.1
NDI      55.14  287 eP      07 51.50  -1.5
                    iS      15 36.00
                    iSS     19 22.00
INK      62.41   25 eP      08 44.00   1.0
QUE      63.24  291 eP      08 48.80  -0.5
YKA      71.64   28 eP      09 47.10   5.7X
DAG      74.32  355 iPc     09 56.10  -0.8
         0.8s    3.73nm             4.5mb
NEW      76.85   42 eP      10 14.00   2.2
BDW      84.21   44 eP      10 54.00   2.7X
         1.0s    2.20nm             4.3mb
ZOBO    150.83   72 PKP     18 09.00   1.3
         1.2s   13.51nm
      Z  25s    0.15um              4.7MszX
                    LR      53 10.00
LPB     150.98   72 (PKP)   18 03.00  -4.7X
CNCB    151.21   73 ePKP    18 00.00  -8.2X
TPZ     155.12   80 (PKP)   16 17.00   3.7X
        S.D. = 1.5  on  33 of  43 obs.
```

```
& SEP 27, 1985  19h 24m 33.70s
  32.350 N              119.090 W
  DEPTH =    6.0km  (geophysicist)
 OFF COAST OF CALIFORNIA                  ( 38)
      <PAS-P>. ML 3.2 (PAS).
```

```
CIS       1.20   29 iPc     24 54.50  -2.0
                    iS      25 12.00
CPE       1.76   72 eP      25 07.30   2.4
MWC       2.06   25 eP      25 09.40   0.0
SDW       2.81   36 eP      25 20.30   0.1
         4 obs. associated
```

```
• SEP 27, 1985  21h 23m 36.42± 2.47s
  23.584 N ± 6.4km  120.375 E ±26.3km
  DEPTH =  10.0km  (geophysicist)
 TAIWAN                                   (244)
```

```
TWK       0.33  162 iPc     23 43.50   0.2
                    eS      23 49.10
TWQ       0.81   31 iPc     23 52.00  -0.1
TWG       0.99  140 iPc     23 55.00  -0.3
TWD       1.22   66 iPd     23 59.30   0.2
TATO      1.72   36 eP      24 06.50   0.0
ANP       1.90   33 eP      24 13.00   3.7X
        S.D. = 0.3  on   5 of   6 obs.
```

```
• SEP 27, 1985  21h 23m 49.40± 1.20s
  34.785 S ±11.9km  178.961 W ±16.2km
  DEPTH =  33.0km  (normal)
  4.8mb (  2 obs.)
 SOUTH OF KERMADEC ISLANDS                (179)
```

```
GNZ       4.55  211 P       24 57.60  -0.1
                    S       25 52.00
KRP       5.43  233 P       25 10.00  -0.2
                    eS      26 11.00
CRZ       6.90  271 eP      25 31.70   0.9
MNG       7.30  215 P       25 32.80  -3.6X
                    eS      26 48.00
MSZ      14.10  222 P       27 05.00  -3.8X
DZM      18.01  311 iPd     28 00.90   2.0
KOU      20.48  309 iPc     28 26.80  -0.2
BRS      25.25  279 eP      29 15.00   1.0
CTA      33.97  286 iPd     30 32.20   0.1
         1.0s   10.00nm             4.7mb
```

27d 21h

ASPA	42.26	272	iPc	31	40.30	-1.2
SBA	43.62	184	e(P)	32	03.10	11.4X
WB2	43.63	277	eP	31	51.10	-1.5
			e	32	03.50	
WRA	43.64	277	Pc	31	50.80	-1.9
	0.9s		17.90nm		4.8mb	
SPA	55.40	180	e(P)	33	24.50	1.9
SOD	144.19	343	iPKP	43	28.00	5.6X
BNG	145.72	212	ePKPd	43	27.00	0.3
			id	43	33.40	
KJF	146.36	339	ePKP	43	25.00	-1.2
	0.8s		16.10nm			
			i	43	39.10	
SUF	147.94	338	iPKP	43	31.30	2.6X
	0.5s		4.00nm			
NUR	150.08	337	iPKP	43	37.00	4.9X
	0.9s		16.90nm			
			i	43	49.00	
NUR	150.08	337	iPKP	43	49.00	16.9X
	0.7s		13.30nm			
KIC	151.22	169	ePKP	43	48.30	13.0X
NB2	152.92	349	PKP	43	42.50	6.1X
	0.8s		3.50nm			
	S.D. = 1.4		on 13 of 22 obs.			

* SEP 27, 1985 21h 59m 04.73± 0.96s
34.820 S ±10.3km 179.119 W ±13.9km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ	4.45	210	P	00	11.70	0.0
			S	01	05.00	
KRP	5.31	233	P	00	23.00	-0.7
			S	01	28.60	
CRZ	6.77	271	P	00	45.90	1.5
MNG	7.20	215	P	00	46.00	-4.3X
			eS	02	00.00	
MSZ	13.99	221	eP	02	21.00	-1.7X
NOU	17.75	311	iPc	03	12.50	1.6
DZM	17.93	311	iPc	03	14.00	0.7
KOU	20.40	310	iPc	03	41.20	-0.3
BRS	25.12	279	P	04	29.70	1.5
CTA	33.86	287	iPc	05	46.00	-0.4
	0.8s		14.18nm		4.9mb	
ASPA	42.14	272	eP	06	54.00	-1.7
			e	08	48.00	
WB2	43.51	277	eP	07	05.10	-1.8
WRA	43.52	277	Pc	07	05.20	-1.8
	0.7s		18.40nm		5.0mb	
SBA	43.57	184	e(P)	07	08.00	1.3
SPA	55.36	180	e(P)	08	39.00	1.3
SOD	144.18	343	iPKP	18	45.50	7.7X
BNG	145.62	212	iPKPd	18	41.30	-0.6
	0.9s		14.00nm			
			id	18	48.00	
KJF	146.34	339	iPKP	18	41.20	-0.3
	1.0s		42.00nm			
			i	18	52.80	
SUF	147.92	338	iPKP	18	43.70	-0.3
	0.6s		5.00nm			
NUR	150.06	336	iPKP	18	51.80	4.4X
	0.8s		24.90nm			
			i	19	02.90	
KIC	151.21	168	ePKP	18	57.10	6.5X
			e	19	06.40	
UPP	152.66	342	iPKP	19	08.40	17.2X
			i	19	18.30	
NB2	152.93	349	PKP	18	57.60	5.9X
	0.7s		2.30nm			
SLL	153.09	346	ePKP	18	58.20	6.3X
	1.1s		5.80nm			
	S.D = 1.3		on 16 of 24 obs.			

* SEP 27, 1985 22h 39m 02.71± 1.15s
34.973 S ±10.4km 179.241 W ±15.9km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ	4.27	210	P	40	09.00	2.0
			S	41	01.00	
KRP	5.14	233	P	40	20.00	0.7
			(S)	41	19.00	
CRZ	6.68	272	P	40	42.00	1.0
MNG	7.01	215	P	40	43.00	-2.7
			eS	42	01.00	
MSZ	13.81	222	eP	42	05.00	-13.3X
NOU	17.78	311	iPc	43	10.10	0.9
DZM	17.96	312	iPd	43	12.70	1.1
KOU	20.42	310	iPc	43	39.10	-0.6
BRS	25.05	280	eP	44	27.00	1.5
CTA	33.81	287	iPc	45	43.20	-0.7
	1.1s		18.35nm		4.9mb	
			iS	51	14.00	
ASPA	42.04	273	iPc	46	52.10	-0.8
			e	49	43.00	
SBA	43.41	184	e(P)	47	13.00	9.6X
WB2	43.43	278	eP	47	02.50	-1.8
			e	57	05.60	
WRA	43.44	278	Pc	47	02.50	-1.8
	0.7s		14.10nm		4.8mb	
SPA	55.21	180	e(P)	48	36.20	1.7
BNG	145.44	212	iPKPd	58	39.00	-0.5
	1.0s		15.00nm			
			ic	58	44.30	
			id	58	52.00	
KJF	146.45	339	iPKP	58	39.20	-0.4
	0.8s		23.50nm			
			i	58	50.00	
SUF	148.02	338	iPKP	58	42.80	0.6
	0.6s		7.10nm			
NUR	150.16	336	iPKP	58	49.30	3.8X
	0.7s		12.00nm			
KIC	151.08	169	ePKP	58	54.20	5.8X
NB2	153.06	349	PKP	58	55.40	5.5X
	0.8s		3.60nm			
SLL	153.22	346	ePKP	58	56.90	6.9X
	0.7s		6.30nm			
	S.D. = 1.5		on 16 of 22 obs.			

? SEP 27, 1985 23h 53m 30.80± 1.69s
34.787 S ±13.9km 179.167 W ±19.6km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ	4.46	210	P	54	37.00	-0.9
			S	55	28.00	
KRP	5.30	232	P	54	50.00	0.3
			(S)	56	03.00	
CRZ	6.73	271	P	55	10.90	1.0
MNG	7.20	214	eP	55	13.00	-3.4X
			eS	56	31.00	
MSZ	13.99	221	eP	56	24.00	-24.7X
NOU	17.70	311	iPd	57	51.30	15.0X
DZM	17.88	311	iPc	57	45.90	7.2X
KOU	20.35	310	iPc	58	22.20	15.2X
BRS	25.08	279	eP	59	06.00	12.1X
CTA	33.81	287	iPd	00	12.70	0.6
	0.8s		5.22nm		4.5mb	
ASPA	42.10	272	eP	01	21.00	-0.5
ASPA	42.10	272	eP	01	34.00	12.5X
WB2	43.47	277	eP	01	32.00	-0.6
			e	01	45.20	
WRA	43.48	277	Pd	01	31.70	-1.0
	0.6s		4.80nm		4.4mb	
SBA	43.60	184	eP	01	37.00	4.0X
SPA	55.39	180	e(P)	03	05.00	1.0
BNG	145.62	213	iPKPc	13	18.50	10.5X
	0.9s		14.00nm			
KIC	151.25	168	ePKP	13	24.10	7.4X
	S.D = 1.0		on 8 of 18 obs.			

SEP 27, 1985 23h 53m 57.20± 0.64s
6.834 N ± 6.7km 72.781 W ± 6.2km
DEPTH = 183.3 ± 8.7 km
4.4mb (1 obs.)
NORTHERN COLOMBIA (99)

UAV	2.40	42	ePn	54	39.40	-0.1
SDV	2.95	46	iPnd	54	46.00	0.0
	0.3s		45.00nm			
TOV	4.17	45	ePn	55	01.60	0.4
CAR	6.84	57	ePn	55	36.00	-0.2
UPA	7.02	288	eP	55	39.00	0.5
	0.6s		13.33nm		4.4mb	
			ipP	55	46.00	
			i	56	10.20	
			iS	56	42.00	
			i	56	47.00	
PCJ	11.66	339	eP	56	39.03	-0.2
			eS	58	35.57	
HOJ	11.76	341	eP	56	40.52	0.1
			eS	58	44.62	
STH	11.85	341	eP	56	41.10	-0.5
			eS	58	39.06	
ZOBO	23.41	169	P	58	51.50	-0.1
LPB	23.67	169	eP	58	54.00	0.0
CNCB	23.97	169	eP	58	56.20	-0.7
SOB1	35.55	116	eP	00	39.60	0.8
ITR	37.59	114	e(P)	00	44.00	-11.9X
YKA	63.37	340	eP	04	08.90	0.1
KIC	67.54	86	eP	04	36.20	0.0
WB2	150.63	241	ePKP	13	28.70	4.8X
	S.D. = 0.4		on 14 of 16 obs.			

SEP 28, 1985 00h 06m 24.47± 0.84s
36.318 N ± 5.2km 71.220 E ± 4.1km
DEPTH = 81.2 ± 8.9 km
5.1mb (45 obs.)
AFGHANISTAN-USSR BORDER REGION (717)
Felt (III) at Ishkoshim and Khorog, USSR.

KSH	4.90	49	eP	07	40.00	2.7
			sP	08	13.00	
			S	08	32.00	
QUE	7.08	212	iPd	08	09.00	1.4
			eS	09	28.00	
DDI	8.27	134	eP	08	26.00	2.1
			eS	09	46.00	
NDI	9.14	145	iP	08	34.50	-1.2
			iS	10	13.00	
MHI	9.47	273	eP	08	38.00	-2.2
			eS	10	16.00	
KHI	10.52	262	eP	08	54.50	0.0
DMN	14.63	123	eP	09	46.60	-2.1
KKN	14.63	122	eP	09	46.20	-2.5
WMQ	14.66	54	P	09	46.50	-2.4
PKI	14.86	122	eP	09	49.10	-2.7
BOK	17.69	131	eP	10	27.00	0.0
			eS	13	32.00	
POO	17.87	172	iP	10	31.20	2.0
KER	19.76	271	eP	10	51.00	0.4
HYB	19.92	159	ePd	10	53.00	0.8
SHL	20.67	115	iP	11	10.20	10.2X
			eS	14	44.80	
GTA	22.75	74	P	11	23.50	3.0X
			pP	11	48.80	123kmX
GBA	23.30	165	P	11	29.00	3.2X
			S	16	10.00	
KOD	26.58	166	eP	12	00.00	2.9X
CD2	27.55	92	eP	12	08.00	2.4
BTO	30.51	70	eP	12	33.00	1.0
XAN	30.78	83	eP	12	35.00	0.7
GYA	31.66	98	P	12	43.20	0.9
MLR	35.03	299	iPc	13	13.00	1.8
NUR	38.08	324	iP	13	30.00	-6.4X
	0.6s		37.80nm		5.5mb	
			i	13	35.60	
KJF	38.13	331	iP	13	19.70	-17.2X
	0.8s		26.40nm			
			i	13	37.00	
SUF	38.17	328	iP	13	12.60	-24.6X
	0.7s		1.80nm			
SPC	38.86	306	eP	13	46.20	2.8X
			e	28	09.00	
KRA	39.06	307	iPd	13	45.30	0.5
	0.7s		70.00nm		5.7mb	
			e	13	48.60	
PSZ	39.12	304	eP	13	45.60	0.2
SOD	39.98	335	iP	13	52.00	-0.1
SRO	40.19	304	iP	13	56.10	2.0
ZST	40.98	304	eP	13	59.50	-1.1
			e	15	36.80	
KEV	41.04	338	iP	14	01.00	0.2
	0.6s		18.30nm		5.1mb	
UPP	41.32	322	iP	14	03.10	-0.1
			i	14	04.20	
SOP	41.38	304	iPc	14	04.80	0.9
KSP	41.39	308	eP	14	04.50	0.6
IPM	41.81	132	iPc	14	08.00	0.3
PSI	42.11	136	ePc	14	08.50	-1.7
PRU	42.54	307	P	14	15.00	1.6
BRG	42.87	308	iP	14	17.00	0.9
	0.6s		50.00nm		5.5mb	
			i	14	39.50	
LJU	42.94	301	e(P)	14	17.00	0.3
KHC	43.23	306	P	14	20.00	0.9
			e	16	05.90	

HFS 43.32 322 iP 14 19.10 -0.4
0.7s 87.10nm 5.7mb
VOY 43.38 301 eP 14 20.00 -0.4
CLL 43.44 309 iP 14 21.00 0.3
1.0s 31.00nm 5.1mb
TRI 43.52 301 eP 14 21.90 0.6
e 14 44.50
KBA 43.62 303 eP 14 22.00 -0.4
0.6s 3.90nm 4.4mb
i 14 47.10
COP 43.69 315 iPd 14 24.30 1.7
0.7s 169.96nm 6.0mb
BHG 43.85 304 iPd 14 24.90 0.9
0.7s 12.00nm 4.8mb
MOX 44.37 308 eP 14 28.50 0.3
1.5s 45.00nm 5.1mb
NB2 44.63 323 P 14 29.60 -0.6
0.8s 69.30nm 5.5mb
GRF 44.71 307 eP 14 32.50 1.5
0.9s 30.00nm 5.1mb
OGA 45.22 303 iPc 14 34.80 -0.5
0.6s 9.00nm 4.8mb
KONO 45.34 321 iP 14 36.50 0.8
MUD 45.52 317 iPc 14 38.80 1.6
1.0s 40.00nm 5.2mb
OSS 45.84 303 ePd 14 40.30 0.1
SAX 46.29 304 ePc 14 43.50 -0.3
VDL 46.34 303 ePd 14 44.00 -0.1
LLS 46.59 303 ePc 14 45.50 -0.6
BUH 46.79 306 eP 14 44.70 -2.8
TMA 46.82 302 ePc 14 47.10 -0.8
WIT 47.21 312 eP 14 53.00 2.4
WTS 47.22 311 eP 14 51.50 0.8
0.8s 24.00nm 5.2mb
STB 47.39 309 iP 14 53.10 1.0
MMK 47.45 302 ePc 14 52.50 -0.4
CDF 47.46 306 eP 14 53.00 0.2
DIX 47.82 303 ePd 14 56.00 0.2
BSF 47.89 305 eP 14 55.80 -0.3
0.7s 22.40nm 5.2mb
MEM 47.92 309 P 14 57.40 1.3
ENN 47.94 309 eP 14 56.50 0.1
0.7s 8.00nm 4.7mb
HAU 48.15 305 eP 14 57.90 -0.1
0.8s 11.80nm 4.9mb
LPG 48.39 302 eP 15 00.40 0.1
0.7s 13.20nm 5.0mb
DOU 48.89 308 P 15 04.40 0.7
FRF 48.93 299 eP 15 03.50 -0.6
0.7s 7.10nm 4.8mb
SNF 49.02 309 P 15 06.10 1.5
CDR 49.52 300 eP 15 08.90 0.3
LBF 49.93 304 eP 15 10.80 -1.0
0.6s 3.40nm 4.6mb
LOR 49.95 305 eP 15 10.90 -1.0
SMF 50.10 304 eP 15 12.70 -0.3
0.8s 20.10nm 5.2mb
SSF 50.23 305 eP 15 13.30 -0.7
1.1s 13.10nm 4.9mb
AVF 50.39 304 eP 15 14.90 -0.3
0.7s 16.00nm 5.2mb
BGF 50.79 304 eP 15 17.80 -0.4
0.7s 7.40nm 4.8mb
MZF 51.05 304 eP 15 20.30 0.0
0.8s 15.40nm 5.1mb
TCF 51.28 304 eP 15 21.70 -0.3
0.8s 13.60nm 5.0mb
CAF 51.74 302 eP 15 25.40 -0.2
0.8s 9.40nm 4.9mb
LSF 51.75 304 eP 15 24.80 -0.7
0.6s 5.00nm 4.7mb
RJF 52.01 303 eP 15 27.60 0.1
ESY 52.12 317 eP 15 27.60 -0.6
0.8s 32.00nm 5.4mb
EDU 52.23 318 eP 15 28.20 -0.8
LDF 52.23 307 eP 15 28.30 -0.8
0.6s 9.00nm 5.0mb
LPO 52.41 302 eP 15 30.10 -0.4
FLN 52.42 308 eP 15 29.60 -0.9
0.6s 13.90nm 5.2mb
EKA 52.54 316 Pc 15 30.00 -1.3
1.0s 41.80nm 5.4mb
EBH 52.55 317 ePd 15 30.60 -0.8
0.7s 45.00nm 5.6mb
LFF 52.65 303 eP 15 31.90 -0.3
GRR 52.75 307 eP 15 32.20 -0.8
0.7s 14.90nm 5.1mb

MFF 52.77 305 eP 15 32.10 -1.0
0.6s 5.40nm 4.8mb
LPF 52.97 307 eP 15 34.20 -0.3
MLS 53.00 300 eP 15 33.60 -1.3
EAB 53.02 317 ePd 15 34.00 -0.8
0.7s 29.00nm 5.4mb
DAG 54.98 344 iPd 15 47.80 -1.1
0.5s 23.24nm 5.5mb
i 16 22.00
ECP 55.14 313 iPc 15 49.70 -0.7
0.8s 47.00nm 5.6mb
ECB 55.34 313 iPc 15 50.90 -0.9
0.8s 47.00nm 5.6mb
TOL 57.68 298 eP 16 09.00 0.3
BNG 57.75 250 iPd 16 08.30 -1.2
0.7s 21.00nm 5.4mb
id 16 17.40
id 16 45.10
ALE 59.24 354 eP 16 18.50 -0.5
0.8s 10.00nm 5.0mb
IFR 61.10 292 eP 16 32.00 -0.5
TET 63.15 221 eP 16 51.00 5.0X
MTD 64.75 223 iPd 16 58.60 2.1
LSZ 65.46 226 iP 17 01.40 0.3
KRI 65.88 224 iPd 17 03.20 -0.6
MBC 67.51 3 eP 17 13.00 -0.3
0.8s 27.00nm 5.2mb
BUL 69.10 223 iPd 17 24.30 0.2
0.7s 9.25nm 4.8mb
INK 74.06 9 eP 17 52.00 -0.7
COL 74.59 16 eP 17 51.00 -4.9X
0.7s 18.49nm 5.1mb
KIC 74.95 267 eP 17 57.80 -1.0
YKA 81.42 3 eP 18 34.90 1.7
WRA 81.75 122 P 18 38.00 2.4
0.6s 1.20nm 4.0mb X
WB2 81.75 122 eP 18 34.70 -1.0
SCH 82.33 337 eP 18 38.00 -0.2
EDM 90.74 3 iPd 19 19.80 0.4
PNT 94.20 7 eP 19 35.00 -0.3
SPA 126.13 180 e(PKP) 25 39.00 20.9X
VCA 145.16 271 ePKP 25 54.00 -0.4
S.D. = 1.1 on 113 of 124 obs.

SEP 28, 1985 00h 22m 45.96± 0.59s
28.032 N ± 7.1km 140.860 E ±11.1km
DEPTH = 33.0km (normal)
4.8mb (9 obs.)
BONIN ISLANDS REGION (212)

MAT 8.78 346 eP 24 55.00 1.4
0.8s 8.96nm 5.0mb
eS 26 35.00
NJ2 19.46 287 Pc 27 13.20 0.4
BJI 23.62 307 eP 27 54.50 -0.3
TIY 25.67 299 eP 28 15.00 0.4
HHC 27.20 306 P 28 28.00 -0.6
XAN 27.94 290 eP 28 35.00 -0.4
GYA 30.39 275 P 28 57.60 0.1
CD2 32.34 284 eP 29 14.20 -0.2
GTA 35.70 299 P 29 43.20 -0.2
WMQ 45.08 305 P 31 01.00 0.3
WB2 48.11 188 eP 31 24.80 0.1
WRA 48.11 188 Pd 31 24.60 -0.1
0.8s 75.90nm 5.8mb X
CTA 48.12 173 iPc 31 25.00 0.2
0.9s 4.20nm 4.5mb
PKI 48.68 283 eP 31 29.10 -0.4
1.0s 30.00nm 5.3mb
KKN 48.74 284 eP 31 29.70 -0.1
0.9s 43.00nm 5.5mb
DMN 48.93 283 eP 31 31.40 0.0
0.8s 19.00nm 5.2mb
ASPA 51.83 188 iPc 31 53.20 0.1
NDI 55.39 287 eP 32 18.50 -0.9
GBA 60.41 270 P 32 57.00 2.2
1.0s 5.10nm 4.6mb
KOD 61.82 267 eP 33 05.20 0.4
QUE 63.51 292 eP 33 15.00 -0.6
DAG 74.69 355 iPc 34 23.70 0.2
0.9s 8.40nm 4.7mb
SUF 75.84 334 iP 34 29.70 -0.6
0.5s 2.00nm 4.4mb
HFS 82.10 336 eP 35 02.80 -1.4
0.8s 2.80nm 4.4mb
S.D. = 0.8 on 24 of 24 obs.

? SEP 28, 1985 00h 50m 33.14± 5.46s
34.797 S ±25.6km 175.425 W ±65.3km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

KRP 7.93 244 P 52 29.00 0.0
S 53 34.00
NOU 20.17 303 iPc 55 08.00 0.5
DZM 20.33 304 iPc 53 07.70 -1.6
KOU 22.83 303 iPc 55 35.20 0.8
CTA 36.79 283 iP 57 40.90 1.1
1.0s 7.00nm 4.5mb
ASPA 45.17 270 iPd 58 48.30 -0.5
WB2 46.53 275 eP 58 59.20 -0.3
WRA 46.54 275 Pc 58 59.40 -0.2
0.6s 4.20nm 4.6mb
BNG 147.13 206 iPKPd 10 33.20 20.5X
0.9s 9.00nm
KJF 147.35 341 iPKP 10 33.50 22.0X
SUF 148.96 341 iPKP 10 37.40 23.3X
0.6s 4.40nm
S.D. = 1.0 on 8 of 11 obs.

? SEP 28, 1985 01h 00m 06.66± 4.80s
8.425 S ±42.7km 130.103 E ±48.8km
DEPTH = 122.9 ± 29.1 km
4.4mb (1 obs.)
TANIMBAR ISLANDS REGION (281)

SLKI 1.26 70 iPd 00 32.00 0.1
iS 00 56.70
KNA 7.40 190 iPd 01 53.10 -0.3
0.2s 27.00nm 5.4mb X
eS 03 23.00
WRA 12.16 161 Pc 02 57.30 0.3
0.4s 4.30nm 4.4mb
WB2 12.17 161 eP 02 56.30 -0.8
iS 05 20.80
ASPA 15.59 167 eP 03 42.00 1.1
CTA 19.46 128 eP 04 26.00 -0.3
S.D. = 1.0 on 6 of 6 obs.

• SEP 28, 1985 01h 13m 33.55± 0.55s
35.136 S ±10.2km 178.827 W ± 8.7km
DEPTH = 33.0km (normal)
5.0mb (5 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ 4.32 215 e(P) 14 39.00 0.5
S 15 30.00
KRP 5.32 237 P 14 53.00 0.2
S 15 56.00
CRZ 7.02 273 P 15 17.20 0.5
MNG 7.08 218 eP 15 12.50 -5.1X
S 16 29.00
VUN 17.23 351 eP 17 27.00 -6.3X
NOU 18.14 311 iPc 17 45.50 1.0
DZM 18.32 311 iPc 17 47.50 0.6
KOU 20.78 310 iPc 18 14.20 -0.1
BRS 25.41 280 iPc 19 01.20 1.5
WAM 26.19 258 eP 19 10.80 3.9X
CAN 26.22 260 eP 19 10.60 3.4X
YOU 26.91 262 eP 19 15.20 1.7
RMQ 29.05 278 eP 19 33.00 0.1
CTA 34.18 287 iP 20 17.80 -0.2
0.7s 18.15nm 5.1mb
ASPA 42.39 272 iPd 21 25.80 -0.8
e(S) 24 08.00
SBA 43.28 184 e(P) 21 36.30 3.2X
WB2 43.79 278 iPd 21 36.80 -1.2
e 23 23.70
WRA 43.80 278 Pd 21 36.40 -1.7
0.9s 27.10nm 5.0mb
SPA 55.05 180 eP 23 35.40 1.2
0.9s 9.09nm 4.8mb
PCI 66.29 287 eP 24 20.50 -0.5
1.0s 4.50nm 4.5mb
PSI 85.20 277 ePd 26 06.40 -1.8
0.7s 11.80nm 5.2mb
SBB 89.84 46 eP 26 30.00 -0.2
TPC 90.50 48 eP 26 36.00 2.7
CLC 90.76 45 eP 26 34.00 -0.4
GSC 90.86 46 eP 26 36.00 1.0
NST 91.77 288 eP 26 39.00 -0.3
BUL 119.16 210 ePKP 32 21.20 -0.1
0.7s 2.05nm

28d 01h

KRI	121.69	212	ePKP	32	25.00	-1.2
SOD	144.55	343	iPKP	33	04.40	-2.8
BNG	145.48	212	iPKPd	33	10.00	-0.4
	1.1s	33.00nm				
			id	33	32.10	
KJF	146.72	339	iPKP	33	11.80	0.9
	0.8s	41.10nm				
SUF	148.30	338	iPKP	33	15.40	1.9X
	0.7s	29.50nm				
NUR	150.44	336	iPKP	33	21.30	4.5X
	0.9s	47.30nm				
KIC	150.85	168	e(PKP)	33	24.10	5.2X
PRNI	151.24	270	iPKP	33	25.50	6.5X
HRI	151.43	276	iPKP	33	26.20	6.9X
JER	151.49	273	iPKP	33	26.50	7.1X
NB2	153.29	349	PKP	33	27.60	6.6X
	0.8s	72.00nm				
HFS	153.70	346	ePKP	33	27.70	6.2X
	0.9s	5.00nm				
	S.D. = 1.3	on	26 of	39	obs.	

* SEP 28, 1985 02h 59m 14.40± 1.09s
35.045 S ± 7.6km 178.381 W ±13.8km
DEPTH = 33.0km (normal)
5.1mb (3 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.61	218	eP	00	24.00	0.5
			S	01	20.00	
KRP	5.68	238	P	00	40.00	1.3
			S	01	42.00	
MNG	7.38	219	P	01	01.00	-1.6
			S	02	21.00	
CRZ	7.39	272	P	01	02.00	-0.6
CIZ	9.01	172	P	01	25.00	-0.1
			S	03	00.00	
MSZ	14.24	223	eP	02	35.00	-0.5
			eS	04	48.00	
NOU	18.36	310	iPc	03	29.00	0.9
DZM	18.54	310	iPc	03	28.10	-2.3
KOU	21.01	309	iPc	03	57.50	0.0
BRS	25.76	279	eP	04	45.00	1.2
RNO	29.40	278	eP	05	18.00	1.1
CTA	34.51	286	iPd	06	02.00	0.3
	1.0s	26.00nm			5.1mb	
ASPA	42.75	272	iPd	07	10.20	-0.2
SBA	43.39	185	e(P)	07	34.50	19.6X
WBZ	44.14	277	iPd	07	21.00	-0.7
WRA	44.15	277	Pc	07	21.40	-0.4
	0.8s	24.40nm			5.1mb	
LEM	73.02	274	ePc	10	44.50	1.2
	1.0s	30.00nm			5.2mb	
SOD	144.57	344	ePKP	18	48.00	-0.1
BNG	145.75	211	iPKPd	18	54.80	3.0X
	0.9s	16.00nm				
			id	19	27.00	
KJF	146.77	339	iPKP	18	55.00	3.2X
	0.7s	33.40nm				
SUF	148.35	339	iPKP	18	59.20	4.8X
	0.7s	21.20nm				
NUR	150.50	337	iPKP	19	05.00	7.3X
	0.8s	26.40nm				
	Z 23s	0.40um			5.2MszX	
KIC	150.86	167	e(PKP)	19	08.80	9.1X
			e	19	23.20	
NB2	153.27	350	PKP	19	11.60	9.8X
	0.7s	4.20nm				
HFS	153.70	346	ePKP	19	11.70	9.3X
	0.7s	2.60nm				
	Z 12s	0.10um			4.8MszX	
		LR		12	01.00	
	S.D. = 1.1	on	17 of	25	obs.	

SEP 28, 1985 03h 52m 46.67± 0.31s
17.274 N ± 4.7km 101.182 W ± 4.5km
DEPTH = 33.0km (normal)
5.1mb (32 obs.) 5.0Msz (5 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)
Ms 4.9 (BRK). Felt (III) at Mexico City.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 17C
Centroid Location:
Origin Time 03:52:42.1 1.1
Lat 16.71N 0.08 Lon 100.76W 0.12
Dep 41.2 8.4 Half-duration 1.7

Moment Tensor; Scale 10**23 D-CM
Mrr= 1.47 0.67 Mtt=-8.68 0.97
Mff= 7.21 1.27 Mrt= 3.22 1.23
Mrf= 3.23 1.32 Mtf=-9.24 0.81
Principal Axes:
T Val= 11.72 Plg= 9 Azm=247
N 2.38 72 8
P -14.10 15 154
Best Double Couple:Mo=1.3*10**24
NP1:Strike=291 Dip=72 Slip=-176
NP2: 200 86 -18

III	1.97	56	iP	53	20.00	1.5
			iS	53	51.00	
OXM	2.46	35	iP	53	27.00	1.3
TPM	2.64	50	iP	53	29.50	1.5
UNM	2.79	43	iP	53	31.50	1.3
TAC	2.84	41	iP	53	32.00	1.1
			iS	54	18.00	
IIC	3.08	36	iP	53	35.00	0.6
			i	54	28.50	
VHO	4.25	90	iP	53	52.50	1.5
LTX	12.22	350	eP	55	45.30	3.9X
	1.2s	57.97nm			5.6mb	
JCT	13.21	5	iP	56	03.10	8.6X
	1.2s	85.94nm			5.6mb	
BHO	17.95	17	iPc	56	55.20	-0.2
ALQ	18.22	346	eP	56	59.50	0.6
	1.0s	30.00nm			4.4mb	
OCO	18.47	10	eP	57	01.70	-0.1
VVO	18.63	14	iP	57	02.50	-1.3
GCM	18.91	81	P	57	07.80	0.6
TUL	19.17	13	iPc-	57	07.80	-2.5
	0.9s	223.70nm			5.4mb	
	Z 20s	1.36um			5.1Msz	
			iS	00	57.50	
RLO	19.59	15	iPc	57	12.30	-2.8
OLY	20.11	24	P	57	18.50	-2.0
BAR	20.75	321	eP	57	27.00	-0.3
POW	20.79	23	P	57	25.30	-2.2
PLM	21.34	322	eP	57	33.00	-0.4
TPC	21.41	324	eP	57	34.00	0.0
RVR	22.09	322	eP	57	41.00	0.3
SDW	22.36	324	P	57	43.70	0.2
ELC	22.55	26	P	57	43.80	-1.4
UPA	22.62	109	e(P)+	57	48.00	2.0
	1.1s	40.51nm			4.8mb	
	Z 19s	1.32um			4.4Msz	
			e	57	54.60	
			S	01	59.00	
GOL	22.64	352	eP	57	47.20	0.8
	1.2s	24.59nm			4.6mb	
MWC	22.66	321	eP	57	51.00	4.5X
GLD	22.67	352	eP	57	48.00	1.4
	1.2s	70.71nm			5.0mb	
PAS	22.67	321	eP	57	47.00	0.5
FVM	22.69	22	eP	57	45.00	-1.6
	1.0s	31.00nm			4.7mb	
GSC	22.72	325	eP	57	47.00	0.0
SBB	22.85	323	eP	57	48.00	-0.2
RSCP	22.92	34	eP	57	47.30	-1.6
	1.0s	26.00nm			4.7mb	
NOP	23.00	328	P	57	51.80	2.1
MSU	23.25	338	P	57	51.60	-0.7
CLC	23.53	325	eP	57	56.00	1.2
VPEM	23.75	325	P	57	57.80	0.7
PRM	23.76	42	eP	57	56.50	-0.5
ISA	23.91	323	eP	57	56.00	-2.6
WKTM	23.99	324	P	58	00.60	1.3
SYP	24.03	319	eP	58	01.00	1.2
JSC	24.59	43	P	58	05.40	0.3
DUG	24.96	339	P	58	09.60	0.8
PRI	25.52	321	eP	58	14.60	0.5
FRI	25.55	324	eP	58	14.40	0.2
EUR	25.60	333	iP	58	15.50	0.6
	0.2s	18.98nm			5.3mb	
MNA	25.79	328	eP	58	17.80	1.2
			e	06	38.50	
BDW	26.40	346	P	58	21.60	-0.7
JAS1	26.62	324	eP	58	23.90	-0.1
ARN	26.85	322	eP	58	27.00	0.8
BMN	26.93	332	P	58	27.80	0.8
BLA	27.00	39	eP	58	26.70	-0.9
	0.8s	37.31nm			5.1mb	
IMW	27.79	345	P	58	34.80	-0.2
ORV	28.37	326	eP	58	41.00	1.1
PSO	28.39	122	eP	58	42.50	1.7

BOG	29.39	112	eP	58	51.90	1.5
			eS	03	43.00	
LRM	29.98	344	eP	58	54.40	-0.2
LHC	32.55	15	eP	59	14.00	-2.8
SJG	33.36	83	e(P)	59	21.00	-3.2X
NEW	33.54	341	eP	59	25.00	-0.5
SES	33.98	349	eP	59	31.00	1.7
RSON	34.04	8	eP	59	28.80	-0.9
	0.8s	9.15nm			4.8mb	
OTT	35.19	32	eP	59	45.00	5.4X
PNT	35.28	339	eP	59	40.00	-0.4
	1.0s	34.00nm			5.2mb	
EDM	37.11	348	eP	59	55.00	-0.8
FFC	37.38	359	eP	59	56.00	-2.0
	0.8s	8.00nm			4.6mb	
ARE	44.50	137	eP	00	58.00	0.6
SCH	45.82	27	eP	01	06.00	-1.1
YKC	46.11	351	ePd	01	09.00	-0.2
	1.0s	28.00nm			5.2mb	
RSNT	46.13	351	P	01	09.70	0.3
	1.4s	47.17nm			5.2mb	
YKA	46.14	351	eP	01	11.50	2.0
ZOBO	46.61	134	P	01	13.70	-0.8
	1.3s	43.38nm			5.3mb	
	Z 18s	2.26um			5.2Msz	
			S	08	14.00	
			LR	16	46.00	
LPB	46.81	134	Pd	01	15.40	-0.5
	1.0s	60.09nm			5.5mb	
	Z 19s	1.74um			5.0Msz	
			S	08	08.00	
			LR	16	40.00	
CNCB	47.08	134	iP	01	17.90	-0.3
CCH	48.75	133	P	01	29.00	-1.9
STJ	49.74	42	eP	01	38.00	0.3
FRB	51.52	18	eP	01	52.00	0.9
TPZ	51.87	137	iP	01	55.30	0.6
ATB	52.44	108	Pc	01	58.00	-0.7
YJA	52.50	137	ePc	01	59.00	-0.6
SLA	54.34	139	eP	02	10.60	-2.2
INK	54.96	346	eP	02	16.00	-0.6
	1.1s	46.00nm			5.4mb	
PME	55.56	335	eP	02	20.60	-0.4
	1.0s	0.50nm			3.5mb X	
	Z 20s	1.20um			5.0Msz	
COL	56.85	338	eP	02	30.00	-0.2
FBA	56.85	338	eP	02	29.50	-0.7
BAO	61.80	119	ePc	03	04.90	-0.3
SOB1	65.13	109	eP	03	26.60	-0.4
			e	03	31.90	
			e	03	38.30	
VAO	66.41	125	eP	03	33.00	-2.2
			e	03	39.30	
ALE	67.03	5	eP	03	42.00	3.9X
	0.9s	11.00nm			5.0mb	
ITR	67.19	108	eP	03	39.20	-1.0
			e	03	45.60	
			e	03	52.40	
			e	04	09.20	
			e	04	17.60	
			e	04	24.60	
DAG	71.56	14	iPd	04	04.80	-1.3
	0.5s	3.52nm			4.6mb	
EKA	80.44	35	Pc	04	56.70	0.2
	0.8s	5.60nm			4.6mb	
GRR	83.92	41	eP	05	15.30	0.6
	1.3s	23.60nm			5.2mb	
LPF	83.92	42	eP	05	15.00	0.3
	1.2s	22.80nm			5.2mb	
FLN	84.04	41	eP	05	15.80	0.6
	1.3s	45.10nm			5.5mb	
LDF	84.32	41	eP	05	17.30	0.6
	1.2s	26.10nm			5.3mb	
TOL	84.42	50	eP	05	19.00	1.6
MFF	84.97	43	eP	05	20.10	0.1
	1.3s	28.80nm			5.3mb	
NB2	85.38	27	P	05	19.20	-2.6
	1.0s	7.10nm			4.8mb	
IFR	85.53	56	iP	05	24.00	0.7
CRT	85.59	53	iPd	05	25.50	2.2
LFF	86.12	44	eP	05	25.70	0.0
LSF	86.18	43	eP	05	25.70	-0.3
RJF	86.51	44	eP	05	27.40	-0.3
LPO	86.51	44	eP	05	27.40	-0.3
TCF	86.61	43	eP	05	28.10	-0.1
MZF	86.88	42	eP	05	29.40	0.0
	1.1s	10.30nm			5.0mb	

BGF	86.92	42	eP	05	29.60	0.0
	1.1s	11.70nm			5.0mb	
CAF	87.01	44	eP	05	29.60	-0.5
MLS	87.05	46	iPd	05	31.70	1.3
SSF	87.15	41	eP	05	30.70	0.0
	1.0s	6.00nm			4.8mb	
AVF	87.15	42	eP	05	30.60	-0.1
ENN	87.16	37	eP	05	31.00	0.3
			e	05	42.00	
			e	05	48.50	
			e	05	52.50	
WTS	87.16	36	e(P)	05	35.00	4.4X
MEM	87.27	38	P	05	33.00	1.8
LOR	87.29	41	eP	05	31.50	0.1
	0.9s	7.20nm			4.9mb	
LBF	87.48	41	eP	05	32.10	-0.3
SMF	87.52	42	eP	05	32.30	-0.2
HAU	88.54	40	eP	05	36.60	-0.8
LPG	89.84	42	eP	05	43.70	-0.2
KJF	89.84	20	eP	05	52.00	8.8X
SUF	90.29	21	eP	05	52.00	6.7X
GRF	90.69	37	eP	05	48.00	0.5
Z	20s	0.40um			4.9Msz	
BRG	91.65	35	eP	05	53.20	1.4
			iSg	27	20.20	
KHC	92.31	37	eP	05	55.80	0.9
PRU	92.42	36	eP	05	55.50	0.1
KBA	93.19	39	eP	06	03.00	3.8X
ZST	94.79	36	eP	06	07.50	1.2
SRO	95.69	36	eP	06	15.50	5.1X
WB2	127.50	258	ePKP	11	52.20	1.4X
WRA	127.51	258	PKPd	12	04.60	13.8X
	0.9s	3.10nm				
QUE	131.45	14	ePKP	12	05.50	7.3X
NNT	143.84	324	ePKP	12	25.10	4.0X
HYB	145.53	0	ePKPc	12	22.50	-1.5
IPM	149.14	313	ePKPd	12	38.20	8.3X
AVY	150.42	98	ePKP	12	34.90	3.0X
PSI	151.94	313	ePKP	12	45.50	11.4X
S.D. = 1.1		on 119 of 137 obs.				

SEP 28, 1985 04h 20m 39.42± 0.67s
6.494 S ± 5.4km 129.859 E ± 7.8km
DEPTH = 178.5 ± 7.6 km
5.1mb (11 obs.)
BANDA SEA (280)

SLKI	2.05	136	iPc	21	17.20	-0.1
			iS	21	42.80	
AAI	3.24	329	ePd	21	33.30	1.8
MTN	6.44	169	iPc	22	11.60	-1.3
KNA	9.26	187	iPd	22	49.40	-0.9
	0.3s	46.00nm			5.4mb	
			eS	24	26.00	
PCI	11.44	299	eP	23	23.00	4.3X
	0.9s	29.50nm			4.8mb	
WRA	14.06	162	Pd	23	51.20	-0.9
	0.6s	13.60nm			4.5mb	
WB2	14.06	162	eP	23	48.30	-3.9X
			i	23	51.20	
			iS	26	16.70	
ISQ	16.97	147	eP	24	27.00	-1.0
			eS	27	25.00	
PMG	17.37	101	eP	24	34.00	1.4
	1.1s	177.22nm			5.4mb X	
ASPA	17.51	168	eP	24	33.00	-1.2
			eS	27	37.00	
MBL	17.52	213	eP	24	34.00	-0.2
			eS	27	40.00	
KKM	18.45	312	ePc	24	44.10	-0.3
	0.7s	36.20nm			4.9mb	
PPR	19.60	325	ePd	24	57.30	1.2
CTA	20.88	132	iPd	25	09.70	0.8
	0.8s	48.51nm			5.0mb	
NAU	21.13	219	iPd	25	13.40	2.1
			eS	29	09.00	
LEM	22.09	268	ePc	25	24.50	3.5X
	0.5s	14.08nm			4.7mb	
BAG	24.54	338	eP	25	42.90	-1.5
MRWA	26.12	208	eP	26	00.00	1.4
			eS	31	02.00	
RMQ	26.82	140	eP	26	05.00	-0.1
			e	26	43.00	
STK	27.53	158	eP	26	11.00	-0.4
			e	31	36.00	
ADE	29.49	165	iPd	26	29.40	0.5
	0.8s	34.33nm			5.1mb	

BRS	30.09	136	P	26	32.70	-1.6
			e	26	42.00	
PSI	32.21	286	ePd	26	52.30	-0.5
YOU	32.52	151	eP	26	57.50	2.1
CAN	33.66	151	eP	27	06.00	0.8
WAM	34.31	152	iPc	27	12.30	1.6
NNT	35.44	302	eP	27	21.10	0.6
GYA	39.74	326	P	27	56.60	0.3
KMI	41.04	321	Pc	28	08.00	0.9
CD2	44.80	328	P	28	36.80	-0.4
XAN	44.92	335	Pc	28	37.40	-0.7
BJI	47.99	346	eP	29	02.00	0.0
SNY	48.43	354	Pc	29	04.60	-0.7
CN2	50.22	356	Pd	29	18.00	-1.0
LSA	51.74	316	eP	29	31.20	-0.1
GTA	53.46	331	Pc	29	43.90	0.5
PKI	54.69	310	iPc	29	52.60	-0.3
	0.7s	34.00nm			5.2mb	
KKN	54.90	311	ePc	29	54.20	0.0
	0.7s	43.00nm			5.3mb	
DMN	54.94	310	iPc	29	54.70	0.1
	0.7s	52.00nm			5.4mb	
GBA	55.74	291	P	29	54.60	-5.5X
HYB	55.97	296	ePd	30	01.00	-0.8
POO	60.56	295	iPd	30	32.50	-1.1
NDI	61.57	307	iPc	30	38.50	-1.7
	0.7s	20.55nm			5.1mb	
WMQ	62.90	327	Pd	30	49.00	0.2
QUE	70.39	305	eP	31	37.00	0.6
SPA	83.55	180	eP	32	48.90	0.5
	0.7s	1.95nm			4.0mb X	
TPZ	148.29	152	ePKP	40	07.00	3.5X
ARE	148.91	137	ePKP	40	15.00	10.5X
VAO	150.52	186	ePKP	40	13.20	6.7X
ZOBO	151.22	142	PKP	40	16.00	7.7X
	1.1s	13.05nm				
			i	40	25.00	
CCH	151.49	147	ePKP	40	16.00	7.6X
S.D. = 1.0		on 42 of 51 obs.				

SEP 28, 1985 05h 09m 41.73± 0.40s
27.516 S ± 6.9km 176.470 W ± 8.4km
DEPTH = 33.0km (normal)
4.8mb (6 obs.) 4.9Msz (1 obs.)
KERMADEC ISLANDS REGION (177)

RAO	2.15	216	IP	10	16.60	0.7
			S	10	46.80	
VUN	10.55	333	eP	12	15.00	1.2
CRZ	11.58	231	P	12	33.00	5.3X
KRP	12.36	211	e(P)	12	53.00	14.8X
NOU	16.33	285	iPc	13	32.00	1.8
DZM	16.43	286	iPc	13	34.90	3.4X
KOU	18.88	287	iPc	14	01.20	-0.7
MSZ	21.20	212	eP	14	27.00	0.4
BRS	27.26	263	iPc	15	24.20	-0.8
			ipPP	15	35.00	
CTA	34.80	274	iPd	16	30.40	-1.2
	0.8s	7.46nm			4.7mb	
			iS	22	28.00	
ASPA	44.69	263	iPc	17	51.00	-2.6
WB2	45.41	269	iPc	17	56.20	-3.1X
WRA	45.42	269	Pc	17	56.40	-3.0X
	0.7s	7.40nm			4.7mb	
DRV	47.31	202	eP	18	13.20	-0.5
SBA	51.01	185	e(P)	18	42.00	0.0
SPA	62.64	180	eP	20	05.70	0.5
	1.0s	8.50nm			4.8mb	
MAW	75.47	200	eP	21	24.00	0.1
MAT	76.67	324	(P)	21	30.00	-1.1
	0.8s	23.88nm			5.3mb	
SNA	82.36	178	eP	22	02.40	1.3
SBB	83.08	45	eP	22	18.00	12.5X
ISA	83.31	44	eP	22	19.00	12.3X
TPC	83.84	47	eP	22	16.00	6.6X
CLC	83.95	44	eP	22	29.00	19.1X
GSC	84.11	45	eP	22	11.00	0.2
MDJ	87.03	325	eP	22	26.00	1.1
EUR	87.28	42	iP	22	26.20	-0.4
	0.2s	1.40nm			4.9mb	
SNY	88.45	320	iPd	22	31.60	-0.1
CN2	88.68	322	Pd	22	32.50	-0.3
NNT	90.33	284	eP	22	42.00	0.8
ALQ	90.72	51	eP	22	42.00	-0.9
	1.0s	2.50nm			4.5mb	
PNT	91.70	33	eP	22	59.00	12.2X
BJI	91.83	315	eP	22	48.00	0.5

XAN	93.46	307	eP	22	55.60	0.4
KMI	93.74	296	eP	22	57.50	0.5
BUL	126.76	210	ePdiff	25	43.90	19.2X
KJF	140.15	344	ePKP	29	09.00	1.0
SUF	141.78	343	iPKP	29	03.90	-7.1X
	0.7s	2.40nm				
NUR	144.03	342	iPKP	29	11.30	-3.6X
	0.6s	10.40nm				
NB2	146.08	353	PKP	29	17.90	-0.6
	0.7s	8.50nm				
UPP	146.25	347	iPKP	29	17.90	-0.7
HFS	146.66	351	ePKP	29	18.70	-0.6
	0.6s	8.00nm				
Z	18s	0.19um			4.9Msz	
			LR	20	51.00	
HRI	151.70	290	iPKP	29	34.50	6.4X
EKA	151.78	B	PKP	29	33.00	5.6X
	0.7s	2.00nm				
JER	152.21	286	e(PKP)	29	36.00	7.1X
PRNI	152.36	283	iPKP	29	36.00	6.9X
KSP	154.76	341	ePKP	29	41.00	9.3X
S.D. = 1.0		on 28 of 46 obs.				

SEP 28, 1985 05h 50m 41.03± 0.26s
20.896 S ± 8.6km 174.077 W ± 5.4km
DEPTH = 33.0km (normal)
5.2mb (24 obs.) 5.0Msz (3 obs.)
TONGA ISLANDS (173)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Locotion:
Origin Time 05:50:43.9 0.9
Lot 21.36S 0.0B Lon 173.55W 0.08
Dep 10.8 3.4 Half-duration 1.6
Moment Tensor; Scale 10**23 D-CM
Mrr= 8.20 0.47 Mtt= 0.38 0.64
Mff=-8.58 0.58 Mrt= 2.94 1.77
Mrf= 7.35 3.78 Mtf=-4.39 0.51
Principal Axes:
T Val= 11.12 Plg=70 Azm=291
N 2.17 0 22
P -13.29 20 112
Best Double Couple:Mo=1.2*10**24
NP1:Strike=202 Dip=25 Slip= 90
NP2: 22 65 90

AFI	7.29	18	P	52	22.00	-6.0X
			S	53	37.00	
SVA	7.56	290	ePd	52	36.00	4.2X
VUN	7.60	291	eP	52	35.80	3.4X
NDF	8.59	290	iP	52	52.50	6.4X
RAR	13.36	94	P	53	41.00	-9.8X
			S	55	55.00	
PVC	16.92	278	iPc	54	39.00	2.1
NOU	18.16	262	iPc	54	54.50	2.1
DZM	18.17	263	iPc	54	52.70	0.1
GNZ	18.96	199	P	55	04.00	2.0
KRP	19.21	206	P	55	06.00	1.0
			(S)	58	31.00	
KOU	20.25	267	iPc	55	14.00	-2.3
TBI	22.93	101	iP	55	41.60	-1.7
	1.4s	285.00nm			5.6mb	
AFR	23.18	86	iP	55	45.30	-0.5
	1.2s	145.00nm			5.4mb	
PAE	23.34	86	iP	55	47.00	-0.4
	1.2s	75.00nm			5.1mb	
PPT	23.36	86	iP	55	47.40	-0.2
	1.2s	145.00nm			5.4mb	
PPN	23.50	86	iP	55	48.20	-0.8
	1.2s	140.00nm			5.4mb	
TVO	23.62	87	iP	55	50.20	0.0
	1.2s	185.00nm			5.5mb	
TPT	25.83	81	iP	56	08.60	-2.6
	1.2s	115.00nm			5.3mb	
SVO	27.74	291	eP	56	33.00	4.3X
MSZ	28.00	208	P	56	35.00	4.1X
CTA	37.10	264	iPd	57	48.10	-2.3
	0.9s	8.82nm			4.6mb	
			iS	03	51.00	
ADE	43.62	241	eP	58	41.40	-2.8
ASPA	48.00	257	iPc	59	15.90	-3.3X
WB2	48.17	262	iPc	59	16.40	-4.0X
WRA	48.18	262	Pc	59	16.40	-4.1X
	1.0s	10.40nm			4.8mb	
MTN	52.84	269	eP	59	54.00	-2.0
DRV	54.24	201	eP	00	05.40	-0.2

28d 06h

SBA 57.75 185 eP 00 32.10 1.4
0.9s 8.40nm 4.8mb
KLB 61.21 245 eP 00 53.00 -2.2
0.9s 81.00nm 5.9mb
MBL 61.25 257 eP 00 53.00 -2.7
NWAO 61.47 243 eP 01 03.00 6.0X
MRWA 63.08 247 eP 01 04.00 -3.8X
NAU 64.86 254 eP 01 18.00 -1.5
PCI 67.39 278 eP 01 35.60 -0.1
1.2s 5.50nm 4.5mb
SPA 69.23 180 eP 01 47.10 0.5
1.0s 10.00nm 4.8mb
MAT 72.76 321 eP 02 07.00 -1.0
1.2s 42.19nm 5.3mb
eS 11 47.00
KKM 73.42 283 ePd 02 11.40 -1.0
CVP 73.61 297 ePc 02 13.00 -0.3
BAG 74.05 295 eP 02 14.00 -2.1
SHK 74.82 317 eP 02 19.80 -0.3
SYP 75.37 44 eP 02 23.00 -0.4
PHAM 75.92 42 P 02 33.00 6.7X
PRI 75.94 42 eP 02 25.50 -1.1
ARN 76.17 41 eP 02 28.10 0.3
PAS 76.32 45 eP 02 32.00 3.4X
MWC 76.44 45 eP 02 29.00 -0.5
LEM 76.70 268 eP 02 31.00 -0.4
0.5s 14.08nm 5.2mb
PLM 76.72 46 eP 02 34.00 2.9
RVR 76.75 46 eP 02 34.00 3.0
SBB 76.87 45 eP 02 31.00 -0.7
GAS 76.98 38 P 02 33.00 0.7
ISA 77.04 44 eP 02 33.00 0.3
FRI 77.07 42 eP 02 32.80 0.1
JAS1 77.22 41 eP 02 33.70 0.1
ORV 77.62 39 eP 02 35.60 -0.1
VPEM 77.63 44 P 02 36.00 0.0
WDC 77.69 38 eP 02 36.20 0.2
CLC 77.70 44 eP 02 36.00 -0.3
TPC 77.71 46 eP 02 36.00 -0.4
GSC 77.91 45 eP 02 30.00 -7.5X
MIN 78.07 38 eP 02 37.70 -0.7
NOP 78.82 44 P 02 45.80 3.3X
MNA 78.93 42 eP 02 43.20 0.1
BMN 80.72 40 P 02 52.80 0.1
EUR 80.92 42 iP 02 54.00 0.1
0.3s 4.04nm 4.9mb
MAW 82.41 199 eP 03 02.00 1.1
MSU 82.78 44 P 03 04.30 0.7
KGM 83.81 275 ePd 03 09.80 0.8
LTX 84.21 56 eP 03 12.00 1.2
2.0s 45.71nm 5.3mb
ALQ 84.82 50 eP 03 14.30 0.4
1.0s 13.00nm 5.1mb
Z 18s 0.64um 5.0Msz
PNT 84.98 32 iPc 03 14.90 0.8
0.9s 25.00nm 5.4mb
BDW 86.77 42 iP 03 24.00 0.6
0.9s 5.47nm 4.8mb
IPM 86.36 276 ePc 03 22.60 -1.6
0.9s 40.70nm 5.7mb
JCT 87.72 56 eP 03 28.00 0.0
1.1s 6.33nm 4.8mb
COL 87.89 11 eP 03 28.00 0.0
FBA 87.89 11 eP 03 27.70 -0.3
GLD 88.04 46 e(P) 03 35.00 5.4X
PSI 88.15 274 ePd 03 30.60 0.2
0.9s 36.20nm 5.7mb
SNG 88.17 278 eP 03 32.00 1.6
BJI 88.78 314 eP 03 34.00 1.2
SES 90.06 35 eP 03 39.00 0.3
PCT 90.16 286 eP 03 41.50 1.8
EDM 90.48 32 ePd 03 40.90 0.4
LOE 90.87 288 eP 03 43.90 0.9
NNT 90.92 283 eP 03 45.30 2.0
NST 91.67 286 eP 03 48.50 1.8
KHT 92.74 285 eP 03 53.90 2.3
KMI 92.81 296 Pc 03 53.50 1.4
TUL 93.03 53 eP 03 54.00 1.4
0.6s 4.30nm 5.1mb
RLO 93.71 53 e(P) 03 57.50 1.8
INK 93.73 14 eP 03 54.00 -1.1
CHG 93.84 289 iPc 03 38.40 -18.3X
0.8s 11.57nm
QUE 124.72 293 ePKP 09 40.00 0.4
SOB1 125.12 118 ePKP 09 36.70 -3.9X
BUL 133.56 210 iPKPc 09 57.70 1.0
0.6s 3.00nm

KJF 134.33 347 iPKP 09 56.00 -0.6
SUF 135.97 347 ePKP 10 02.00 2.2
NUR 138.27 346 ePKP 10 11.00 6.8X
Z 21s 0.20um 4.8Msz
LR 09 00.00
HFS 140.41 354 ePKP 10 01.30 -6.8X
0.8s 2.80nm
Z 18s 0.24um 5.0Msz
LR 05 31.00
EDU 143.78 8 ePKPc 10 11.00 -3.1X
EAB 143.94 10 ePKPc 10 11.60 -2.7X
EBH 144.00 9 ePKPc 10 11.80 -2.7X
EAU 144.40 9 iPKPc 10 13.40 -1.8
MUD 144.40 357 iPKPc 10 14.10 -1.0
1.0s 30.00nm
ESY 144.45 8 ePKP 10 13.20 -2.0
EBL 144.53 9 ePKP 10 13.70 -1.7
EKA 144.94 9 PKPc 10 14.60 -1.5
1.0s 12.00nm
RTB 147.20 299 iPKPd 10 24.00 3.4X
WIT 148.13 359 ePKP 10 25.50 4.2X
e 10 36.50
DBN 148.85 1 ePKP 10 26.00 3.5X
e 10 46.00
KRA 148.85 342 ePKPc 10 26.70 4.1X
e 10 29.40
i 10 31.40
WTS 148.95 359 ePKP 10 26.00 3.3X
1.0s 33.00nm
e 10 37.50
KSP 149.02 347 iPKPc 10 27.00 4.1X
ic 10 31.50
CLL 149.14 351 iPKPc 10 27.70 4.7X
1.3s 56.00nm
BRG 149.42 350 iPKPc 10 28.50 5.0X
1.5s 65.00nm
SPC 149.54 341 ePKP 10 29.80 5.8X
CFR 149.63 328 ePKP 10 30.00 6.1X
VRI 149.81 330 ePKP 10 30.00 5.8X
MOX 149.97 353 ePKP 10 30.00 5.7X
e 10 34.00
e 10 41.00
UCC 150.13 2 PKP 10 31.00 6.5X
ENN 150.19 360 ePKP 10 30.00 5.4X
0.9s 17.00nm
e 10 41.00
MEM 150.35 360 PKP 10 30.90 6.1X
e 10 41.10
STB 150.35 359 iPKP 10 30.60 5.7X
SNF 150.42 2 PKP 10 31.80 6.9X
MLR 150.46 331 ePKP 10 30.00 4.6X
BHL 150.71 303 PKP 10 32.00 5.9X
PSZ 150.78 341 ePKP 10 31.60 5.9X
HRI 150.84 301 iPKP 10 27.00 0.7
DOU 150.84 2 PKP 10 31.40 5.8X
e 10 42.70
GRF 150.96 353 iPKP 10 32.40 6.5X
ZST 151.31 344 i(PKP)10 32.80 6.4X
SRO 151.34 342 iPKP 10 33.50 7.1X
VKA 151.44 345 ePKP 10 31.00 4.4X
5.0s 560.00nm
e 10 37.00
i 10 51.70
GPA 151.62 318 ePKP 10 30.70 3.5X
JER 151.70 299 iPKPc 10 34.70 7.1X
FLN 151.73 9 iPKPc 10 33.50 6.5X
LDF 151.94 9 iPKPc 10 34.10 6.8X
GRR 152.03 10 iPKPc 10 34.40 7.0X
CLO 152.15 334 ePKP 10 35.00 7.2X
PRNI 152.21 296 iPKP 10 36.00 7.7X
BUH 152.22 357 ePKP 10 31.20 3.4X
LPF 152.35 10 iPKPc 10 35.00 7.1X
FUR 152.45 352 ePKP 10 35.50 7.4X
CDF 152.53 358 ePKP 10 35.70 7.4X
HAU 152.95 359 ePKP 10 36.60 7.8X
BSF 153.12 359 ePKP 10 36.70 7.5X
KBA 153.19 349 ePKP 10 29.00 -0.4
0.7s 12.20nm
i 10 38.00
i 10 43.90
LOR 153.64 3 iPKPc 10 38.20 8.4X
SSF 153.82 4 iPKPc 10 38.60 8.6X
MFF 153.88 10 ePKP 10 38.30 8.2X
LBF 153.93 3 iPKPc 10 38.60 8.4X
LJU 153.94 346 e(PKP)10 31.00 0.8X
e 10 38.50
i 10 48.90

AVF 154.08 4 ePKP 10 38.70 8.3X
VOY 154.09 347 e(PKP)10 31.00 0.4X
e 10 38.70
SMF 154.26 3 ePKP 10 39.20 8.6X
BGF 154.28 5 ePKP 10 39.40 8.7X
LSF 154.46 7 ePKP 10 39.40 8.5X
TCF 154.49 6 ePKP 10 39.70 8.7X
MZF 154.60 5 ePKP 10 40.10 9.0X
LPG 155.45 359 ePKP 10 45.80 13.2X
BNG 159.55 219 iPKPc 10 38.00 -0.2
0.7s 6.00nm
id 11 16.30
S.D. = 1.3 on 86 of 161 obs.

• SEP 28, 1985 06h 50m 24.87± 1.30s
31.166 S ± 8.3km 67.965 W ±14.8km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.50 208 ePc 50 34.50 -0.5
S 50 43.60
RTMQ 0.69 240 iPc 50 38.20 -0.4
S 50 50.00
RTCB 0.78 246 ePd 50 40.80 0.6
VCA 2.43 355 ePd 51 05.20 -0.1
S 51 36.50
RFA 3.62 187 e(P) 51 22.60 0.4
S.D. = 0.7 on 5 of 5 obs.

• SEP 28, 1985 07h 55m 15.78± 1.19s
51.278 N ±13.6km 15.510 E ± 6.2km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.4 (KBA), 3.4 (VKA).

BRG 1.07 248 iPn 55 36.50 0.7
iPg 55 38.00
iSg 55 58.00
PRU 1.43 206 Pn 55 41.80 0.0
Pg 55 43.40
Sn 56 00.00
Sg 56 06.00
e 56 15.10
CLL 1.57 272 ePn 55 43.00 -0.8
iSg 56 11.10
KHC 2.48 211 ePn 55 56.90 0.0
Pg 56 02.80
e 56 22.00
Sg 56 44.30
MOX 2.54 257 (Pn) 55 58.00 0.3
ePg 56 05.00
iSg 56 43.00
VKA 3.06 170 iPgd 56 11.50 6.4X
i 56 12.20
iSg 56 54.10
KRA 3.07 112 eP 56 04.90 -0.3
eS 56 41.40
GRF 3.17 242 ePn 56 07.00 0.4
e(Pg) 56 20.00
eSg 57 05.00
KBA 4.44 200 iPnc 56 23.70 -1.1
iPg 56 41.70
i 57 28.50
i 57 41.50
iSg 57 44.70
i 57 49.20
DST 14.84 137 iPg 58 48.10 0.8
iSg 58 53.10
S.D. = 0.7 on 9 of 10 obs.

& SEP 28, 1985 09h 01m 50.08s
62.205 N 150.953 W
DEPTH = 66.3km
CENTRAL ALASKA (1)
<AGS-P>.

SUA 0.75 172 iP 02 05.43 -0.2
iS 02 17.31
PWA 0.75 137 eP 02 05.10 -0.4
GHO 1.05 114 iP 02 09.02 -0.4
PLRM 1.06 125 eP 02 08.57 -0.8
PMR 1.06 125 iP 02 08.58 -0.8
iS 02 24.49
PME 1.08 122 eP 02 08.60 -1.0
CRP 1.10 212 iP 02 09.37 -0.8
iS 02 25.08
PMS 1.17 145 eP 02 10.00 -0.9

SML	1.30	107	iP	02	12.06	-0.6
KNK	1.43	123	iP	02	13.56	-0.8
			iS	02	32.74	
NKA	1.47	185	iP	02	16.48	1.5
PTE	1.63	145	eP	02	15.68	-1.4
			iS	02	36.74	
SLKM	1.74	168	eP	02	17.96	-0.7
SCM	1.75	101	iP	02	17.59	-1.3
CFI	1.83	123	eP	02	18.56	-1.3
			iS	02	41.80	
PWL	1.84	136	eP	02	18.41	-1.7
			iS	02	41.52	
MPA	1.89	155	iP	02	19.24	-1.4
NNL	2.18	185	eP	02	25.43	0.7
ILM	2.22	205	eP	02	24.34	-1.0
SEW	2.23	160	eP	02	27.04	1.6
TOA	2.25	90	eP	02	24.50	-1.2
GLI	2.28	124	eP	02	24.26	-1.8
KNIM	2.43	139	eP	02	25.15	-3.0
TTA	2.45	289	eP	02	26.80	-1.8
SVW	2.48	246	iP	02	27.29	-1.7
KLU	2.49	104	iP	02	26.88	-2.3
			eS	02	55.25	
FID	2.60	122	iP	02	28.13	-2.4
			iS	02	59.03	
CNPM	2.69	183	eP	02	31.64	-0.3
MTU	2.74	143	eP	02	30.23	-2.4
PDB	2.89	214	iP	02	33.55	-1.2
COL	3.05	26	iP	02	35.00	-2.0
FBA	3.05	26	eP	02	34.80	-2.2
IMA	4.06	344	eP	02	49.50	-1.7
BALM	4.27	102	iP	02	50.88	-3.4
INK	9.50	42	eP	04	03.00	-3.5

35 obs. associated

* SEP 28, 1985 09h 11m 32.31± 1.24s
35.057 S ± 9.7km 178.863 W ±16.5km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.37	214	P	12	39.00	1.0
			S	13	34.00	
KRP	5.34	236	P	12	53.00	1.2
			S	13	57.00	
CRZ	6.99	273	eP	13	17.00	2.0
MNG	7.13	217	e(P)	13	15.00	-2.0
			e(S)	14	37.00	
MSZ	13.96	223	P	14	49.40	-0.4
NOU	18.06	311	iPc	15	42.50	0.1
DZM	18.25	311	iPc	15	44.20	-0.5
KOU	20.71	310	iPc	16	13.80	1.5
CTA	34.13	287	iPc	18	16.50	0.2
	0.9s		9.24nm			4.7mb
ASPA	42.36	272	eP	19	24.00	-1.1
WB2	43.75	277	iPd	19	34.50	-1.9
WRA	43.76	277	Pd	19	34.60	-1.9
	0.8s		11.70nm			4.7mb
SPA	55.12	180	e(P)	21	04.80	1.3
SNY	92.92	321	eP	24	53.30	10.4X
KJF	146.64	339	iPKP	31	09.00	-0.5
	0.7s		14.70nm			
SUF	148.22	338	iPKP	31	13.20	1.1
	0.6s		9.10nm			
NUR	150.36	336	iPKP	31	18.50	3.1X
	0.6s		14.30nm			
KIC	150.93	168	ePKP	31	22.40	4.7X
NB2	153.21	349	PKP	31	25.20	5.5X
	0.6s		1.60nm			

S.D. = 1.4 on 15 of 19 obs.

SEP 28, 1985 09h 20m 22.12± 0.97s
28.118 N ± 5.4km 140.780 E ± 4.9km
DEPTH = 12.7 ± 6.1 km
5.1mb (15 obs.)
BONIN ISLANDS REGION (212)

CBI	1.61	129	iPd	20	50.20	-0.1
			S	21	09.00	
KYS	7.08	356	eP	22	06.60	-1.3
OYM	7.40	350	eP	22	13.10	0.7
SRY	7.58	351	eP	22	14.80	-0.1
DDR	7.97	351	eP	22	13.10	-7.4X
TSK	8.09	356	eP	22	22.20	0.1
MAT	8.68	346	eP	22	34.00	3.7X
	0.8s		18.66nm			5.4mb
			eS	24	20.00	
SHK	9.43	315	eP	22	46.30	5.7X
SSE	17.30	285	eP	24	28.00	3.2X
	Z 16s		0.90um			
	N 16s		0.90um			
			S	27	52.00	
ANP	17.47	265	e(P)	24	30.00	2.9
NJ2	19.37	287	Pc	24	52.40	2.0
CVP	20.28	243	eP	25	01.50	1.2
TIA	21.55	298	Pd	25	13.60	0.3
WHN	23.15	282	eP	25	30.50	1.4
BJI	23.51	307	eP	25	31.50	-1.1
			eS	29	48.00	
			eSS	30	34.00	
DAV	25.39	217	eP	25	57.00	6.2X
			eS	30	18.00	
TIY	25.57	299	eP	25	53.00	0.6
XAN	27.85	290	eP	26	13.60	0.2
BTO	28.13	304	eP	26	15.30	-0.7
CD2	32.25	284	eP	26	51.90	-0.7
GTA	35.59	299	iPd	27	20.90	-0.6
			PP	28	47.90	
			eS	32	51.00	
CHG	39.32	266	eP	27	53.40	0.6
MTN	41.78	194	eP	28	12.00	-1.0
WMQ	44.97	305	P	28	38.00	-0.9
WB2	48.18	188	iPd	29	03.20	-1.0
WRA	48.18	188	Pc	29	03.70	-0.6
	0.8s		57.50nm			5.7mb
PKI	48.59	283	eP	29	08.30	0.4
	1.0s		54.00nm			5.6mb
KKN	48.65	283	eP	29	08.00	-0.2
DMN	48.84	283	eP	29	10.40	0.7
	0.9s		54.00nm			5.6mb
ASPA	51.91	188	iPd	29	31.40	-1.3
IMA	54.74	27	eP	29	54.00	0.6
NDI	55.29	287	iPd	29	56.50	-1.3
	1.1s		44.30nm			5.4mb
DZM	55.71	151	iPc	30	00.70	-0.1
COL	57.04	29	eP	30	10.00	0.2
FBA	57.04	29	eP	30	10.20	0.4
	1.0s		17.50nm			5.0mb
HYB	57.83	274	eP	30	16.00	-0.1
GBA	60.34	270	P	30	33.00	-0.4
POO	61.54	277	iPc	30	41.00	-0.6
INK	62.62	25	eP	30	47.00	-1.1
QUE	63.41	292	eP	30	53.01	-1.1
MBC	65.23	15	eP	31	04.00	-1.0
KJF	74.33	335	eP	32	04.00	3.2X
DAG	74.60	355	iPc	32	01.30	-0.8
	1.1s		30.38nm			5.2mb
PNT	75.05	42	eP	32	05.00	-0.2
	1.0s		17.00nm			5.0mb
SUF	75.73	334	iP	32	07.50	-1.3
	0.6s		5.10nm			4.8mb
EDM	76.74	36	iPd	32	15.00	0.2
NEW	76.99	42	eP	32	17.00	0.7
NUR	77.59	333	eP	32	09.00	-10.2X
ARN	79.10	54	P	32	29.00	0.9
SES	79.41	38	ePc	32	30.00	0.5
JAS1	79.63	53	eP	32	32.00	1.1
BMN	80.64	49	P	32	35.00	-1.4
LRM	80.97	43	eP	32	38.90	0.7
FFC	81.53	31	eP	32	41.00	0.5
	1.1s		10.00nm			4.8mb
EUR	81.94	50	iP	32	44.00	0.7
	0.3s		7.69nm			5.3mb
HFS	81.99	336	eP	32	41.10	-1.8
	0.6s		6.00nm			4.8mb
NB2	82.20	338	P	32	42.40	-1.6
	0.8s		4.50nm			4.6mb
NOP	83.48	53	P	32	52.00	0.8
PRN	83.60	51	P	32	53.00	1.1
BDW	84.35	44	iP	32	56.10	0.5
	1.0s		4.00nm			4.6mb
GLA	85.98	55	eP	33	05.00	1.3
RSON	87.86	31	P	33	01.30	-11.1X
ALQ	90.77	49	eP	33	27.00	0.2
	1.0s		3.75nm			4.7mb
LTX	95.98	52	P	33	52.00	1.3
ZOBO	150.83	72	PKP	40	12.00	0.6
	1.0s		12.50nm			
			i	40	17.20	
LPB	150.98	73	ePKPc	40	17.00	5.6X
CNCB	151.21	73	ePKP	40	16.00	4.0X
TPZ	155.08	81	ePKP	40	19.00	2.0
SOB1	161.12	5	ePKP	40	21.30	-2.6

S.D. = 1.1 on 59 of 69 obs.

* SEP 28, 1985 10h 50m 17.93± 1.33s
35.082 S ±12.8km 178.931 W ±19.7km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.31	214	P	51	23.00	0.1
			S	52	16.50	
KRP	5.28	236	P	51	37.00	0.4
			S	52	39.00	
MNG	7.08	217	e(P)	51	56.00	-5.8X
			e(S)	53	10.00	
KOU	20.68	310	iPc	54	57.90	0.2
CTA	34.08	287	iPd	57	03.00	1.5
	1.6s		46.67nm			5.2mb
ASPA	42.30	272	eP	58	10.00	-0.3
WB2	43.70	278	eP	58	21.00	-0.6
WRA	43.71	278	Pd	58	20.20	-1.5
	0.6s		2.80nm			4.2mb
BNG	145.48	212	iPKPc	09	54.20	-0.6
	0.7s		15.00nm			
			id	10	03.90	
			ic	10	20.20	
KJF	146.64	339	ePKP	09	56.00	0.9
SUF	148.22	338	iPKP	09	59.80	2.1X

S.D. = 1.0 on 9 of 11 obs.

? SEP 28, 1985 11h 42m 32.79± 1.01s
0.073 N ±41.5km 29.081 W ±21.9km
DEPTH = 10.0km (geophysicist)
4.8mb (2 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)

CAI	10.37	231	eP	45	03.70	-1.0
ITR	12.79	226	ePc	45	38.40	0.8
SOB1	14.95	232	eP	46	05.90	-0.1
KIC	25.08	75	eP	47	59.80	0.6
CCH	40.39	243	P	50	11.40	-1.9
TPZ	41.67	237	Pd	50	25.70	1.9
ZOBO	41.79	245	P	50	25.20	0.1
	1.2s		23.65nm			4.8mb
	Z 23s		0.20um			3.9MszX
			LR	04	50.00	
CNCB	41.84	244	P	50	25.50	0.0
LPB	41.85	245	iPd	50	26.00	0.6
BNG	47.77	84	iPc	51	11.80	-0.8
	0.4s		4.00nm			4.9mb

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

SEP 28, 1985 11h 49m 24.25± 0.37s
27.988 N ± 7.0km 140.820 E ± 7.7km
DEPTH = 33.0km (normal)
5.1mb (6 obs.)
BONIN ISLANDS REGION (212)

CBI	1.50	126	P	49	49.30	0.2
			S	50	08.30	
MAT	8.81	346	(P)	51	32.00	-0.3
	1.1s		22.78nm			5.2mb
			eS	53	10.00	
WB2	48.06	188	eP	58	02.20	-0.4
WRA	48.06	188	Pd	58	02.00	-0.6
	0.7s		14.70nm			5.1mb
PKI	48.66	283	eP	58	08.10	0.5
	0.7s		9.00nm			4.9mb
KKN	48.71	284	eP	58	08.60	0.6
	0.9s		21.00nm			5.2mb
DMN	48.91	283	eP	58	10.20	0.7
	0.8s		13.00nm			5.0mb
COL	57.14	29	e(P)	59	10.00	0.3
DAG	74.73	355	iPd	01	01.10	-0.9
	0.8s		6.72nm			4.7mb
PNT	75.12	42	eP	01	05.00	0.2
SUF	75.86	334	iP	01	07.30	-1.4
EDM	76.82	36	eP	01	14.50	0.2
NEW	77.07	42	eP	01	16.00	0.2
SES	79.49	38	eP	01	29.00	0.0
LRM	81.04	43	eP	01	38.50	0.9
ALQ	90.83	49	e(P)	02	26.00	-0.1

S.D. = 0.6 on 16 of 16 obs.

SEP 28, 1985 12h 11m 03.12± 1.05s
28.053 N ± 5.2km 140.776 E ± 4.2km
DEPTH = 40.0 ± 9.6 km
5.0mb (11 obs.)
BONIN ISLANDS REGION (212)
Felt (I JMA) on Chichi-shima

28d 12h

CBI	1.57	127	iPc	11	27.90	-1.1
			S	11	46.30	
MAT	8.74	343	(P)	13	11.00	1.0
	1.0s		25.00nm		5.2mb	
			eS	14	47.00	
SHK	9.47	315	eP	13	19.90	-0.1
SSE	17.31	285	P	15	05.00	1.6
	Z 16s		1.10um			
			S	18	28.00	
ANP	17.46	265	eP	15	13.00	7.6X
NJ2	19.38	287	Pc	15	28.50	0.0
SNY	19.64	319	eP	15	29.10	-2.1
OZH	20.09	266	eP	15	38.00	1.9
CVP	20.25	243	ePc	15	39.00	1.2
TIA	21.58	238	Pc	15	51.70	0.4
BAG	21.96	242	eP	15	55.00	-0.4
			eS	20	03.00	
OCP	22.65	238	eP	16	04.00	2.0
WHN	23.16	283	P	16	08.50	1.6
BJI	23.55	307	eP	16	09.50	-1.1
			eS	20	22.00	
			eSS	21	11.00	
HKC	24.72	263	eP	16	40.00	17.9X
			eS	20	58.00	
TIY	25.59	299	P	16	30.00	-0.3
HHC	27.13	306	P	16	43.40	-1.0
XAN	27.87	290	eP	16	49.80	-1.4
BTO	28.17	304	Pc	16	53.50	-0.4
GYA	30.31	275	P	17	13.00	-0.2
LZH	32.16	294	eP	17	28.50	-0.9
CD2	32.26	284	eP	17	29.30	-0.9
KMI	34.05	274	eP	17	46.00	0.0
	N 13s		0.70um			
			eS	23	14.00	
GTA	35.62	299	iPd	17	58.40	-0.8
LOE	37.40	262	eP	18	14.50	0.3
RCT	38.82	258	eP	18	27.50	1.4
CHG	39.31	266	iPc	18	31.20	1.0
	0.8s		10.82nm		4.7mb	
NST	39.50	261	eP	18	33.20	1.4
IPM	44.40	246	ePd	19	12.00	0.1
WMQ	45.00	305	P	19	16.20	-0.4
PSI	47.20	245	ePc	19	32.50	-1.6
WB2	48.12	188	iPd	19	40.40	-0.7
WRA	48.12	188	Pc	19	41.00	-0.1
	0.9s		75.20nm		5.7mb	
CTA	48.15	173	iPc	19	41.00	-0.4
	1.0s		10.00nm		4.8mb	
PKI	48.60	283	eP	19	44.90	-0.4
	1.1s		51.00nm		5.5mb	
KKN	48.66	283	eP	19	45.20	-0.5
	1.1s		88.00nm		5.7mb	
DMN	48.85	283	eP	19	47.00	-0.2
	1.3s		77.00nm		5.6mb	
ASPA	51.84	188	eP	20	08.00	-1.6
VIS	53.53	272	eP	20	25.00	2.7X
KSH	54.02	300	eP	20	20.00	-5.8X
NDI	55.31	287	iP	20	34.00	-1.2
			iS	28	19.00	
COL	57.10	29	eP	20	48.00	0.5
HYB	57.83	274	eP	20	53.50	0.1
GBA	60.34	270	P	21	12.00	1.3
POO	61.55	277	iPc	21	18.00	-0.9
BOM	62.32	278	eP	21	20.00	-4.0X
			eS	29	19.00	
YOU	62.41	173	eP	21	23.50	-0.8
INK	62.68	25	eP	21	25.00	-0.7
CAN	63.51	172	eP	21	24.80	-6.7X
MBC	65.29	15	eP	21	42.00	-0.7
PNT	75.09	42	eP	22	43.00	0.3
EDM	76.79	36	iPc	22	52.80	0.6
WDC	77.01	51	eP	22	54.40	0.8
NEW	77.04	42	eP	22	54.00	0.3
MIN	77.75	51	eP	22	58.00	0.1
ORV	78.18	52	eP	23	00.50	0.5
JAS1	79.67	53	eP	23	08.80	0.6
FRI	80.60	53	eP	23	13.80	0.6
LRM	81.02	43	eP	23	16.40	0.8
FFC	81.58	31	eP	23	18.00	0.1
	1.1s		10.00nm		4.7mb	
EUR	81.98	50	iP	23	21.80	1.1
	1.0s		6.73nm		4.6mb	
NB2	82.26	338	P	23	20.40	-1.0
	0.9s		7.50nm		4.7mb	
BDW	84.39	44	eP	23	33.90	0.9
	1.0s		4.40nm		4.5mb	
BRG	88.50	330	eP	23	44.00	-8.6X

KHC	89.90	328	eP	23	58.20	-1.1
ALQ	90.82	49	eP	24	04.00	0.0
ZOBO	150.86	72	PKP	30	49.00	0.6
			LR	24	20.00	
	S.D. = 1.0		on 60 of 67 obs.			
	SEP 28, 1985 12h 14m 55.81± 0.41s					
	43.923 N ± 5.4km 16.537 E ± 4.2km					
	DEPTH = 10.0km (geophysicist)					
	YUGOSLAVIA (383)					
	ML 4.1 (KBA), 4.1 (TRI), 3.8					
	(TTG), 3.8 (VKA). Felt ot Knin					
	and Split.					
BRY	1.78	124	iPnd	15	28.00	1.0
			eSn	15	53.20	
ZAG	1.93	348	iPnd	15	30.00	1.0
			iPg	15	34.00	
			iSg	15	59.00	
HCY	2.06	135	ePn	15	30.50	-0.3
			iSn	15	59.50	
NKY	2.11	121	ePn	15	33.20	1.5
			iSn	16	01.50	
CEY	2.36	321	iPnd	15	37.10	1.9
			iPg	15	44.20	
			iSn	16	07.10	
			iSg	16	17.40	
TTG	2.49	126	ePn	15	38.00	1.0
			iSn	16	09.40	
LJU	2.55	327	ePn	15	39.40	1.5
			i	15	45.10	
			iSn	16	13.30	
			eSn	30	13.70	
TRI	2.66	313	ePn	15	39.40	-0.1
			iPg	15	46.30	
			iSn	16	12.60	
			iSb	16	21.40	
			iSg	16	23.20	
			i	16	26.90	
VOY	2.82	319	iPnd	15	43.30	1.4
			eSn	16	19.40	
BEO	2.95	71	ePn	15	53.80	10.3X
			iSn	16	26.60	
			iSg	16	31.80	
SOP	3.76	0	ePnd	15	54.80	-0.3
	0.6s		37.10nm			
SSR	3.85	74	eP	15	53.00	-3.4X
KBA	3.87	326	iPnc	15	58.10	1.3
	0.7s		7.30nm			
			iPg	16	11.00	
			iSn	16	43.80	
			i	16	47.10	
			iSg	17	02.80	
			e	30	38.00	
			i(Sg)	30	41.90	
			i	30	44.50	
			i	31	08.10	
SRO	4.08	17	iPn	15	59.40	-0.2
			i	16	07.00	
			i(Sn)	16	50.60	
			i	17	08.50	
			i	17	13.50	
SKO	4.09	117	ePn	15	59.50	-0.3
			i	16	04.50	
			iSn	16	48.00	
OHR	4.22	130	iPn	16	01.50	-0.2
ZST	4.29	5	ePn	15	59.30	-3.3X
			i	16	02.00	
			i	16	05.80	
			i(Sn)	16	49.80	
			e	17	05.40	
VKA	4.35	358	iPnc	16	04.20	0.8
			i	16	10.80	
			iSn	16	54.00	
			i	17	07.20	
			iSg	17	20.20	
BHG	4.58	327	iPnc	16	08.30	1.6
CLO	4.63	73	iPc	16	06.00	-1.4
PSZ	4.63	29	iPn	16	06.00	-1.5
GZR	4.69	70	ePc	16	17.00	8.7X
OGA	4.87	309	ePn	16	13.20	2.1
VAY	5.16	118	iPn	16	14.00	-0.8
OSS	5.29	304	eP	16	17.30	0.4
KHC	5.59	340	Pn	16	21.00	-0.1
			Pg	16	29.00	
			eSn	17	36.00	
VDL	5.61	300	eP	16	23.10	1.6

CVF	5.76	259	Pn	16	24.00	0.6
TMA	5.85	295	eP	16	23.10	-1.8
SAX	6.04	306	eP	16	28.80	1.2
LLS	6.07	302	eP	16	29.80	1.9
PRU	6.22	348	ePn	16	29.00	-0.8
			eSn	17	53.50	
DIX	6.82	292	eP	16	38.60	0.0
GRF	6.82	330	eP	16	37.70	-0.7
KSP	6.93	359	eP	17	00.00	20.2X
LPG	7.15	286	Pn	16	43.20	0.0
			Sn	17	59.20	
BRG	7.17	347	e(P)	16	42.00	-1.2
			e	18	26.00	
			e	18	50.00	
FRF	7.17	271	Pn	16	42.80	-0.5
			Sn	17	59.70	
LMR	7.30	269	Pn	16	46.40	1.4
LRG	7.39	270	Pn	16	46.40	0.1
BUH	7.46	312	eP	16	45.40	-1.9
MOX	7.51	335	ePn	16	47.00	-1.0
CDR	7.80	272	eP	16	37.20	-14.8X
CDF	7.84	308	Pn	16	52.20	-0.5
BSF	7.84	303	Pn	16	52.00	-0.7
			Sn	18	16.20	
HAU	8.19	303	Pn	16	56.70	-0.8
			Sn	18	23.70	
LBF	9.34	293	Pn	17	10.90	-2.6
SMF	9.36	291	Pn	17	12.30	-1.3
			Sn	18	50.60	
LOR	9.50	295	Pn	17	13.80	-1.8
AVF	9.71	292	Pn	17	16.70	-1.9
MEM	9.79	317	P	17	19.70	0.2
BGF	10.01	290	Pn	17	20.80	-1.9
			Sn	19	11.20	
DOU	10.22	311	P	17	27.80	2.3
	S.D. = 1.3		on 47 of 53 obs.			
?	SEP 28, 1985 12h 18m 52.89± 2.07s					
	28.690 N ±19.0km 141.626 E ±35.5km					
	DEPTH = 33.0km (normal)					
	4.6mb (1 obs.)					
	BONIN ISLANDS REGION (212)					
MAT	8.34	341	(P)	21	03.00	8.5X
	1.0s		15.00nm		5.1mb X	
			eS	22	49.00	
SNY	19.67	317	eP	23	23.80	1.8
CN2	19.89	324	eP	23	23.00	-1.2
NJ2	19.93	285	Pc	23	24.00	-0.7
TIA	21.96	296	eP	23	43.80	-1.7
WHN	23.77	281	P	24	05.00	1.8
BJI	23.78	305	eP	24	03.00	-0.3
			eS	28	17.00	
			eSS	29	08.00	
TIY	25.95	298	P	24	25.00	0.9
XAN	28.36	289	eP	24	44.00	-2.0
WMQ	45.26	305	P	27	10.20	1.1
PSI	48.14	245	ePc	27	32.70	0.7
WB2	48.86	189	iPc	27	37.10	-0.2
WRA	48.86	189	Pc	27	37.20	-0.2
	0.7s		4.90nm		4.6mb	
	S.D. = 1.4		on 12 of 13 obs.			
%	SEP 28, 1985 12h 48m 01.24± 0.70s					
	44.288 N ± 4.9km 6.766 E ± 9.1km					
	DEPTH = 10.0km (geophysicist)					
	FRANCE (538)					
	ML 3.0 (LDG).					
FRF	0.73	187	Pg	48	15.40	-0.2
			Sg	48	25.20	
LRG	0.88	200	Pg	48	18.10	-0.1
			Sg	48	31.20	
CDR	0.95	230	eP	48	19.60	0.3
			i	48	20.70	
			iSg	48	32.40	
			e	48	32.50	
			e	48	33.30	
LMR	0.97	191	Pg	48	19.40	-0.3
			Sg	48	32.50	
LPG	1.21	360	Pn	48	23.80	-0.2
			Sn	48	38.50	
CVF	2.30	138	Pn	48	40.20	0.3
			Sn	49	05.90	
BGF	3.57	311	Pn	48	57.90	0.1
	S.D. = 0.3		on 7 of 7 obs.			

* SEP 28, 1985 13h 38m 39.14± 1.17s
35.053 S ±12.7km 178.745 W ±16.4km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.42	215	P	39 46.20	0.6
			S	40 41.00	
KRP	5.42	236	P	40 01.00	1.2
			S	41 03.50	
CRZ	7.09	273	eP	40 24.80	1.6
MNG	7.19	218	e(P)	40 23.00	-1.6
			e(S)	41 39.00	
MSZ	14.03	223	P	41 58.00	0.5
			eS	44 24.00	
KOU	20.78	310	iPc	43 21.10	1.2
CTA	34.22	287	iPd	45 26.30	2.4X
	0.7s		5.48nm	4.6mb	
ASPA	42.45	272	eP	46 32.00	-0.7
WB2	43.85	277	eP	46 42.50	-1.5
WRA	43.85	277	Pc	46 41.20	-2.9
	0.6s		3.50nm	4.3mb	
SPA	55.13	180	eP	48 11.00	0.6
	1.0s		5.50nm	4.5mb	
VAO	106.35	134	ePKP	57 08.70	6.3X
BNG	145.58	212	iPKPc	58 16.00	-0.2
	0.3s		5.00nm		
			id	58 26.00	
KJF	146.67	339	iPKP	58 16.10	-0.3
	0.7s		9.30nm		
SUF	148.25	338	iPKP	58 20.70	1.7
	0.6s		5.70nm		
NUR	150.39	337	iPKP	58 26.50	4.2X
	0.9s		9.10nm		
KIC	150.92	168	ePKP	58 29.40	4.9X
NB2	153.22	349	PKP	58 31.90	5.4X
	0.7s		1.60nm		
HFS	153.63	346	ePKP	58 33.10	6.0X
	0.5s		1.40nm		

S.D. = 1.5 on 13 of 19 obs.

* SEP 28, 1985 13h 54m 19.95± 1.12s
34.937 S ±12.8km 179.058 W ±15.4km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ	4.38	211	P	55 27.00	1.2
			S	56 21.00	
CRZ	6.83	272	eP	56 01.00	0.7
MNG	7.13	216	e(P)	56 03.00	-1.6
			e(S)	57 23.00	
CTA	33.94	287	iPd	01 05.00	2.7X
ASPA	42.19	272	iPc	02 12.40	1.0
WB2	43.58	277	eP	02 21.80	-0.9
WRA	43.59	277	Pc	02 22.00	-0.8
	0.7s		5.40nm	4.4mb	
SPA	55.24	180	e(P)	03 52.50	0.4
BNG	145.55	212	iPKPc	13 56.80	-0.2
	0.8s		13.00nm		
			id	14 08.00	
KJF	146.47	339	iPKP	13 57.00	0.1
	0.6s		14.30nm		
NUR	150.18	336	iPKP	14 07.10	4.3X
	0.6s		11.70nm		
NB2	153.06	349	PKP	14 13.40	6.3X
	1.4s		9.70nm		

S.D. = 1.1 on 9 of 12 obs.

? SEP 28, 1985 14h 41m 14.76± 2.66s
16.522 N ±26.2km 99.975 W ±23.2km
DEPTH = 33.0km (normal)
3.9mb (3 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	1.91	15	iP	41 45.50	-0.2
			iS	42 14.00	
TPM	2.60	19	iP	41 55.00	-0.5
OXM	2.77	6	eP	41 58.00	-0.1
			iS	42 39.00	
UNM	2.89	15	eP	42 00.50	0.7
			iS	42 47.50	
ALQ	19.24	344	eP	45 39.00	-0.4
	0.8s		4.29nm	3.8mb	
RSCP	22.93	31	eP	46 17.50	0.4
	1.0s		26.00nm	4.7mb	
BDW	27.42	345	eP	47 01.00	1.3
	0.9s		1.54nm	3.7mb	
MBC	60.60	355	eP	51 23.00	-1.1

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

SEP 28, 1985 14h 50m 15.29± 0.28s
41.581 N ± 2.3km 22.254 E ± 1.8km
DEPTH = 7.4 ± 2.0 km
5.0mb (35 obs.)
YUGOSLAVIA (383)

ML 5.3 (SKO), 5.2 (TTG), 4.9 (ATH). Sixteen people injured and obout 500 buildings damaged (VII) in the Demir Kopijo-Negotino oreo.

CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 12S, 22C
Centroid Location:
Origin Time 14:50:20.0 0.6
Lot 41.22N 0.07 Lon 22.18E 0.12
Dep 20.5 7.6 Half-duration 1.6
Moment Tensor; Scale 10**23 D-CM
Mrr=-2.06 0.49 Mtt= 7.04 0.56
Mff=-4.98 0.59 Mrt=-1.30 1.58
Mrf= 3.70 2.11 Mtf= 5.07 0.67
Principal Axes:

	Vol=	Plg=	Azm=
T	8.89	0	160
N	0.14	61	250
P	-9.04	29	70

Best Double Couple:Mo=9.0*10**23
NP1:Strike=209 Dip=70 Slip=-158
NP2: 111 70 -22

GRG	0.63	170	ePgc	50 26.90	-1.1
KNT	0.64	131	ePgc	50 27.00	-1.1
			eSg	50 33.00	
SKO	0.72	303	iPgc	50 30.70	1.0
			iSg	50 41.20	
THE	1.09	150	ePgc	50 32.00	-4.0X
			e	50 34.10	
			eSg	50 51.20	
SRS	1.11	114	ePg	50 35.60	-0.8
			eSg	50 49.40	
SOH	1.12	132	ePgc	50 35.40	-1.2
OHR	1.19	247	iPgd	50 38.70	0.9
			iSg	50 54.70	
VTS	1.24	34	iPgd	50 40.00	1.5
KZN	1.32	196	iPnc	50 39.00	-1.1
			iSn	50 58.60	
LIT	1.49	173	ePb	50 42.00	-0.5
OUR	1.81	133	ePb	50 46.40	-0.6
PLD	1.90	73	iPd	50 50.00	1.6
PAIG	1.98	146	ePb	50 49.10	-0.3
PVY	1.98	302	ePn	50 53.00	3.4X
IVA	2.17	307	ePn	50 55.00	2.6X
			eSn	51 22.00	
ULC	2.28	281	ePn	50 57.90	4.0X
			eSn	51 27.00	
KDZ	2.32	87	iPd	50 54.00	-0.5
TTG	2.39	292	iPnc	50 58.60	3.2X
			iSn	51 29.00	
BDV	2.65	286	ePn	51 03.00	3.8X
			eSn	51 36.00	
PVL	2.67	53	iPd	51 00.00	0.6
NKY	2.71	298	iPnc	51 03.50	3.3X
			eSn	51 37.00	
PLE	2.74	311	ePn	51 03.50	2.9X
			eSn	51 38.00	
HCY	2.93	288	iPnd	51 06.00	2.9X
			ePg	51 12.00	
			eSn	51 40.00	
BRY	3.05	297	ePn	51 08.20	3.2X
			eSn	51 45.00	
SRE	3.16	12	eP	51 10.00	3.7X
SSR	3.30	354	iP	51 09.00	0.6
LCI	3.49	250	Pn	51 11.00	0.1
BEO	3.50	339	iPn	51 11.50	0.4
			iPg	51 22.10	
			iSn	51 52.80	
			iSb	52 04.30	
			iSg	52 08.60	
BEO	3.50	339	iPn	51 11.50	0.4
			iPg	51 22.10	
			iSn	51 52.80	
			iSb	52 04.30	
			iSg	52 08.60	
CLO	3.51	6	iPd	51 11.00	-0.3
EZN	3.56	118	ePn	51 08.60	-3.4X
VLS	3.63	201	iPnc	51 13.70	0.6
ATH	3.78	162	ePn	51 14.50	-0.6
			eSn	52 02.50	
GZR	3.83	6	iPd	51 15.00	-0.9
PRK	3.85	126	iPnc	51 15.80	-0.4
BRT	3.87	261	Pn	51 19.00	2.5X
BUC1	3.91	44	iPc	51 32.00	15.0X
COZ	4.04	21	iPc	51 20.00	1.1
DMK	4.13	85	iPn	51 18.70	-1.4
DEV	4.33	6	iPc	51 25.00	2.1
EDC	4.42	104	iPn	51 24.80	0.5
BNT	4.46	104	ePn	51 24.90	0.1
ORI	4.66	253	Pn	51 29.50	1.8
CTT	4.67	93	iPn	51 27.50	-0.3
ISR	4.74	40	ePc	51 30.00	1.2
MLR	4.74	33	iPc	51 31.00	2.1
MSR	4.83	22	eP	51 39.00	8.9X
PSN	4.85	62	iPc	51 31.00	0.6
IZM	4.99	128	iPn	51 32.50	0.1
ISK	5.15	93	iPn	51 34.00	-0.6
TLB	5.19	53	iPd	51 35.50	0.4
DST	5.24	110	iPn	51 36.10	0.2
SGO	5.35	261	Pn	51 38.00	0.6
VRI	5.37	36	iPc	51 40.00	2.2
YLV	5.48	98	ePn	51 37.00	-2.3
CFR	5.61	48	iPc	51 41.00	0.0
HRT	5.64	95	iPn	51 40.40	-1.2
PPE	6.04	38	ePd	51 52.00	4.9X
BIR	6.08	38	iP	51 53.00	5.3X
CEI	6.11	1	eP	52 17.00	29.0X
CLI	6.15	34	eP	51 53.00	4.4X
DOC	6.16	29	eP	51 51.50	2.7X
ZAG	6.21	315	iPnc	51 49.90	0.4
			iPg	52 14.40	
			i(Sn)	52 56.20	
			iSg	53 25.00	
GPA	6.24	99	iP	51 49.70	-0.2
YER	6.44	132	iP	51 49.70	-3.2X
PSZ	6.56	346	ePn	51 53.00	-1.5
AQU	6.64	280	Pn	51 57.00	1.3
SRO	6.83	337	ePn	51 57.50	-0.8
N	10s		13.00um		
			i(Pb)	52 14.50	
			i(Pg)	52 25.70	
			i(Sn)	53 16.50	
			i(Sb)	53 39.10	
NPS	6.84	156	ePn	51 59.00	0.6
KDE	6.90	89	eP	51 55.00	-4.3X
CEY	7.03	309	iPn	52 01.90	0.7
			iSn	53 27.00	
RDP	7.14	275	Pn	52 03.00	0.3
LJU	7.15	311	iPnc	52 03.20	0.5
			i	52 05.60	
			i	52 30.30	
			i(Sn)	53 31.70	
MNS	7.18	280	Pn	52 04.00	0.9
GIB	7.29	243	Pn	52 04.00	-0.8
SOP	7.33	328	ePc	52 04.00	-1.2
	1.0s		272.40nm	6.4mb X	
TRI	7.41	307	iPnc	52 06.50	0.1
			iSn	53 30.40	
VOY	7.51	309	iPnc	52 08.10	0.3
			iSn	53 33.00	
ZST	7.56	333	eP	52 06.50	-1.9
			i	52 09.70	
			i	52 20.30	
			i(S)	54 19.50	
ELL	7.66	127	iP	51 56.50	-13.5X
SPC	7.74	350	eP	52 11.20	0.1
VKA	7.90	330	iPnd	52 12.50	-0.7
	0.6s		499.00nm	6.9mb X	
			id	52 14.90	
			i(Sn)	53 45.70	
			iSb	54 10.70	
RBL	7.92	311	Pn	52 14.00	0.4
KBA	8.42	314	iPnc	52 20.20	-0.5
	0.5s		113.00nm	6.4mb X	
			ic	52 22.00	
			i	52 24.90	
			i	53 04.20	
			i	53 07.00	
			iSn	53 54.50	
			i	54 54.70	
KRA	8.63	350	eP	52 22.40	-1.0
			i	52 24.70	
			e	52 26.70	

28d 14h

KMR		8.67	321	iPn-	52	26.00	2.0	WTS		14.81	320	eP	53	52.00	5.3X	PTO		23.11	279	P	55	23.[illegible]	[illegible] 5
CTI		8.87	304	Pn	52	27.00	0.1	MZF		14.91	295	eP	53	47.40	-0.7					S	59	26.[illegible]	
BHG		9.07	316	eP	52	29.90	0.4	DOU		14.94	311	P	53	47.60	-0.8	TEH		23.42	95	eP	55	29.00	3.2X
SAL		9.41	299	Pn	52	34.50	0.3					i	53	53.10		LIS		24.11	274	iPc	55	34.10	1.9
OGA		9.63	307	iPc	52	37.00	-0.5					S	56	55.00		VAL		24.36	306	P	55	35.00	0.4
KHC		9.70	324	iPc	52	38.00	-0.3	CAF		15.08	290	eP	53	51.20	0.8					S	00	02.00	
		1.1s	217.00nm				6.5mb X			1.1s	53.70nm				4.9mb X	AVE		24.87	260	eP	55	40.00	0.3
				e	53	37.50		TCF		15.18	295	eP	53	50.60	-1.0	SOD		25.96	4	iP	55	51.10	1.5
				e	54	34.80		PRNI		15.22	133	IP	53	50.00	-2.2					i	57	57.20	
PRU		9.98	330	ePnd	52	41.00	-1.0	SNF		15.31	312	P	54	03.00	9.7X	KEV		28.35	3	eP	56	15.00	3.6X
	Z	10s	15.00um					WIT		15.40	322	e(P)	54	00.00	5.6X			0.7s	18.70nm				5.0mb
	E	10s	19.00um					UCC		15.41	313	P+	53	58.00	3.5X					i	56	23.50	
				e	54	44.00						S	56	49.00						eS	01	00.00	
CVF		10.00	280	eP	52	41.60	-0.8	RJF		15.51	291	eP	53	56.40	0.5	AAE		35.55	151	eP	57	16.50	1.1
OSS		10.09	304	ePc	52	43.20	-0.5			0.8s	27.90nm				4.6mb X	BNG		37.13	186	iPd	57	28.00	-0.4
KSP		10.14	338	eP	52	43.00	-1.2	LSF		15.64	294	eP	53	58.00	0.4			0.9s	23.00nm				4.9mb
		1.0s	99.00nm				6.2mb X	DBN		15.68	318	eP	53	56.00	-2.0					id	58	16.80	
FUR		10.19	314	iPd	52	44.30	-0.7					eS	57	02.00		DAG		39.31	346	iPc	57	45.50	-0.4
VDL		10.43	302	ePc	52	48.30	-0.1	LPO		15.68	288	eP	53	59.50	1.3			0.7s	4.79nm				4.3mb
VAI		10.66	298	Pn	52	51.00	-0.3	LFF		16.02	289	eP	54	04.30	1.8	KSH		40.35	75	eP	57	57.00	1.9
TMA		10.67	300	ePc	52	50.60	-1.1			1.0s	16.90nm				4.1mb	KIC		42.51	222	iP	58	12.80	-0.1
WAR		10.70	356	eP	52	45.00	-6.8X	EBR		16.39	275	eP	54	10.00	2.7X			0.8s	86.00nm				5.5mb
				e	53	48.00						(S)	57	18.00		LWI		44.02	171	iP+	58	25.20	-0.2
				e(S)	55	25.00		RTB		16.69	115	ePc	54	14.00	2.9X	NAI		44.65	159	eP	58	33.00	2.5X
				e	56	30.00						eS	59	22.00				1.0s	42.00nm				5.3mb
SAX		10.83	306	ePc	52	53.60	-0.4	MFF		16.84	295	eP	54	14.10	1.2	NDI		46.04	88	eP	58	40.50	-0.8
LLS		10.88	304	ePc	52	55.00	0.4			0.9s	72.90nm				4.8mb					eS	05	24.00		
BRG		10.92	331	iPd	52	54.00	-0.9	MSL		17.04	101	eP	54	16.00	0.5	WMQ		47.01	64	P	58	49.50	0.7
		2.4s	175.00nm				6.0mb X					eS	59	20.00		POO		49.38	102	iPc	59	06.00	-1.5
				i	54	26.00		LDF		17.25	302	eP	54	19.00	1.0	DMN		52.51	84	eP	59	30.90	-0.7
ORD		11.11	296	Pn	52	56.00	-1.6			0.8s	44.90nm				4.6mb			1.2s	94.00nm				5.6mb
GRF		11.19	320	iPc	52	56.70	-1.9	FLN		17.53	302	eP	54	21.10	-0.4	KKN		52.55	84	eP	59	30.60	-1.2
	Z	17s	7.00um							1.3s	160.90nm				5.0mb			0.7s	19.00nm				5.1mb
MMK		11.23	298	ePc	52	58.40	-1.3	GRR		17.67	300	eP	54	23.30	0.0	PKI		52.76	84	eP	59	32.50	-1.0
ZUL		11.51	305	ePc	53	01.90	-1.2			0.8s	55.20nm				4.7mb			1.0s	28.00nm				5.1mb
DIX		11.62	298	ePc	53	04.00	-0.8	LPF		17.71	299	eP	54	23.80	0.1	HYB		53.55	99	eP	59	36.50	-2.5
CLL		11.63	330	iPnd	53	03.60	-0.9	NUR		19.01	4	iP	54	38.00	-1.7	FRB		54.02	327	eP	59	45.00	3.2X
		1.9s	88.00nm				5.8mb X			0.7s	21.40nm				4.5mb	GBA		55.18	104	P	59	30.00	-20.9X
				e	55	01.00			Z	19s	2.10um				6.4Msz	LSZ		56.83	173	iP	00	04.00	1.1
				eSg	56	24.00						eS	58	04.00				1.1s	10.70nm				4.8mb
STU		11.68	312	iPd	53	02.50	-2.7					LR	02	30.00		SCH		56.88	316	eP	00	02.00	-0.7
		0.8s	13.33nm				5.4mb X	HFS		19.32	347	eP	54	41.20	-2.3	GTA		57.09	64	P	00	04.00	-0.6
FRF		11.68	285	eP	53	04.00	-1.3			0.7s	11.40nm				4.2mb	TET		58.38	167	eP	00	17.00	3.5X
		0.7s	89.90nm				6.0mb X		Z	18s	5.03um				6.4Msz	NPA		58.53	161	eP	00	16.00	1.4
MQX		11.68	325	eP	53	04.00	-1.2					LR	00	32.00		MTD		58.70	170	eP	00	16.60	0.7
		1.6s	216.00nm				6.2mb X	BHD		19.40	108	eP	54	45.00	0.4	MBC		59.92	350	eP	00	23.00	-0.7
	Z	14s	8.60um				4.9Msz					eS	59	36.00		LZH		61.54	66	eP	00	33.50	-1.9
	N	12s	21.50um									e	01	12.00		BUL		61.69	173	iPd	00	36.20	-0.2
	E	12s	21.60um									e	04	30.00				0.9s	10.92nm				5.0mb
				e	55	24.00		ALM		19.70	264	ePg	54	48.00	0.0	BTO		63.20	58	eP	00	46.00	-0.4
LMR		11.76	284	eP	53	04.90	-1.5					eSg	54	51.40		WIN		64.00	185	iPd	00	50.80	-0.9
		0.7s	24.20nm				5.6mb X	KONO		19.73	341	eP	54	46.00	-2.1			1.0s	15.00nm				5.1mb
LRG		11.88	284	eP	53	07.10	-0.9	TOL		19.98	274	iPc	54	50.50	-0.5	HHC		64.05	58	P	00	51.80	-0.1
		0.9s	93.00nm				6.1mb X			1.4s	4.00nm				3.6mb X					S	09	31.00	
LRG		11.91	294	eP	53	06.60	-2.1					ePP	55	07.00		XAN		66.13	65	P	01	05.00	-0.4
FEL		11.91	307	iP	53	07.00	-1.6					iS	58	50.00		TIY		66.37	60	P	01	06.50	-0.4
BBS		12.05	304	eP	53	09.10	-1.2					iSS	59	10.00		KMI		66.95	76	Pc	01	09.50	-1.4
BUH		12.17	310	eP	53	08.50	-3.5X	TAF		20.49	259	iPc	54	55.00	-1.4	BJI		67.40	56	eP	01	13.00	-0.3
CDR		12.33	285	eP	53	13.60	-0.4					i	55	07.00		CHG		67.94	84	iPc	01	15.80	-1.2
				i	53	41.60		NB2		20.62	345	P	54	55.30	-2.2			0.6s	7.67nm				5.1mb
				i	55	33.20				0.7s	23.00nm				4.6mb	INK		68.94	351	eP	01	21.00	-1.4
				e	56	10.10		KER		20.84	102	eP	55	00.00	-0.1	CN2		70.61	48	Pd	01	32.50	-0.5
ROF		12.51	304	iP	53	15.30	-1.2	SUF		21.30	5	iP	55	02.60	-1.8	YKA		70.65	340	eP	01	40.90	8.0X
CDF		12.60	308	eP	53	15.70	-2.0			0.8s	26.40nm				4.7mb	NST		70.78	86	eP	01	32.40	-2.0
		0.8s	24.10nm				5.5mb X	EKA		21.60	318	Pc	55	06.90	-0.5	SNY		70.78	51	Pc	01	33.70	-0.4
BSF		12.64	305	eP	53	16.40	-1.9			1.1s	124.00nm				5.2mb	NNT		72.42	89	eP	01	42.80	-1.5
GWF		12.67	311	eP	53	16.30	-2.3	ESK		21.61	318	eP	55	02.00	-5.6X	SUR		73.61	181	eP	01	51.90	0.9
TNS		12.91	317	ePd	53	23.40	1.6	ESY		21.62	320	ePc	55	07.10	-0.6			0.7s	20.55nm				5.3mb
				e	55	38.00				0.8s	60.00nm				5.0mb	NJ2		73.98	61	eP	01	52.20	-1.0
				eS	57	33.00		EBL		21.76	319	eP	55	08.20	-0.8	ITR		74.74	243	eP	01	56.80	-1.0
HAU		12.98	305	eP	53	21.00	-1.8			1.2s	104.00nm				5.1mb					e	02	01.80	
		0.8s	62.80nm				5.9mb X	EAU		21.99	319	eP	55	10.40	-1.0	SOB1		76.74	245	eP	02	09.80	0.7
BHL		13.07	122	PKP	53	31.00	6.9X	ECP		22.11	308	eP	55	15.20	2.6X					e	02	13.50	
VITF		13.29	305	eP	53	25.30	-1.5			1.2s	190.00nm				5.4mb					e	02	47.20	
HRI		13.54	123	iP	53	29.50	-0.8	EDU		22.14	321	ePc	55	11.80	-1.1	EDM		78.11	335	eP	02	23.50	7.3X
STB		13.96	315	iPc	53	36.50	0.8	ETA		22.18	310	iPc	55	13.10	-0.1	PSI		78.25	97	eP	02	15.00	-2.5
BNS		14.00	317	ePc	53	37.30	1.1			1.3s	315.00nm				5.6mb	ATB		80.63	257	Pc	02	31.50	1.2
LBF		14.15	299	eP	53	37.00	-1.2	EBH		22.22	320	eP	55	13.60	-0.1	NEW		83.60	334	eP	02	47.00	1.6
SMF		14.16	297	eP	53	36.20	-2.0			0.8s	97.00nm				5.3mb	RLO		83.67	314	eP	02	47.30	1.4
LOR		14.31	300	eP	53	39.50	-0.8	ECB		22.41	309	eP	55	16.60	1.1	TUL		84.28	314	eP	02	50.80	1.9
MEM		14.42	314	P	53	42.70	1.2	EAB		22.59	319	ePc	55	17.20	-0.2			0.8s	24.20nm				5.5mb
				e	53	45.30				0.8s	56.00nm				5.1mb	VVO		84.68	314	e(P)	02	57.10	6.2X
SSF		14.48	299	eP	53	41.40	-1.1	KJF		22.88	6	iP	55	22.10	2.0	BHO		84.91	312	eP	02	56.30	4.2X
AVF		14.52	297	eP	53	41.80	-1.1			1.0s	52.00nm				5.0mb	BDW		85.47	327	eP	02	55.00	-0.1
ENN		14.55	315	eP	53	46.50	3.2X					i	55	35.40				1.0s	2.20nm				4.3mb
		0.8s	23.00nm				4.8mb X					eS	59	28.00		HPI		86.09	329	P	03	00.00	1.8
BGF		14.80	296	eP	53	44.80	-1.9	IFR		23.08	259	iP	55	22.50	-0.1	BAO		86.14	245	e(P)	02	54.70	-3.8X

ALQ 90.49 320 eP 03 20.00 0.7
JCT 90.58 313 eP 03 22.50 2.9X
1.0s 5.50nm 4.8mb
VAO 90.67 239 e(P) 03 24.00 4.1X
EUR 90.82 329 iP 03 24.20 3.4X
0.4s 3.08nm 5.0mb
LTX 93.56 315 eP 03 35.00 1.6
1.0s 4.00nm 4.8mb
SPA 131.39 180 e(PKP)09 33.00 4.1X
S.D. = 1.1 on 200 of 250 obs.

• SEP 28, 1985 14h 59m 13.33± 0.81s
41.459 N ± 9.1km 22.346 E ± 6.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
Felt (III) in the Demir Kapija-Negotino area.

VAY 0.22 129 iPg 59 18.40 0.4
iSg 59 22.30
SKO 0.85 307 ePg 59 30.50 0.8
eSg 59 40.50
MMB 1.05 82 ePg 59 33.00 -0.1
OHR 1.22 254 iPn 59 35.40 -0.6
iSn 59 51.60
VTS 1.31 29 eP 59 37.00 -0.5
KDZ 2.26 84 eP 59 56.00 4.7X
S.D. = 0.8 on 5 of 6 obs.

SEP 28, 1985 15h 33m 47.76± 0.85s
41.458 N ± 9.5km 22.255 E ± 6.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
Felt (IV) in the Demir Kapija-Negotino area.

VAY 0.27 120 iPg 33 53.00 -0.5
iSg 33 56.80
SKO 0.80 310 iPgc 34 02.20 -1.1
iSg 34 13.20
MMB 1.11 83 iPgd 34 08.00 -0.7
OHR 1.15 253 iPnd 34 09.90 0.6
iSn 34 26.00
VTS 1.34 31 iPgd 34 12.00 -0.4
PLD 1.94 70 eP 34 24.00 2.9X
KDZ 2.33 84 iP 34 26.00 -0.7
DIM 2.56 76 eP 34 32.00 2.1
CLO 3.64 6 eP 34 46.00 0.7
MLR 4.84 32 eP 35 08.00 5.5X
S.D. = 1.2 on 8 of 10 obs.

• SEP 28, 1985 15h 45m 42.10± 0.85s
41.468 N ± 8.9km 22.422 E ± 6.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
Felt (IV) in the Demir Kapija-Negotino area.

VAY 0.18 143 ePg 45 45.40 -0.8
SKO 0.89 305 ePg 45 59.00 -0.2
eSg 46 10.00
MMB 0.99 83 iPgd 46 02.00 1.1
VTS 1.27 27 ePg 46 05.00 -0.7
OHR 1.27 254 iPn 46 06.30 0.5
iSn 46 22.30
PLD 1.82 69 eP 46 20.00 6.3X
KDZ 2.20 85 iP 46 28.00 8.7X
DIM 2.43 75 eP 46 33.00 10.5X
CLO 3.61 4 eP 46 43.00 3.7X
S.D. = 1.2 on 5 of 9 obs.

• SEP 28, 1985 17h 07m 49.42± 0.77s
35.189 S ± 8.1km 178.813 W ±11.1km
DEPTH = 33.0km (normal)
4.9mb (3 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ 4.28 215 P 08 54.90 1.0
S 09 48.00
KRP 5.30 237 P 09 09.00 0.6
S 10 12.00
CRZ 7.04 274 P 09 34.00 1.2
MNG 7.05 218 eP 09 31.00 -1.9
eS 10 47.00
NOU 18.18 311 iPc 12 01.50 0.6
DZM 18.36 311 iPc 12 03.60 0.3
KOU 20.83 310 iPc 12 30.10 -0.5

CTA 34.21 287 iPc 14 34.30 0.2
1.1s 37.34nm 5.2mb
ASPA 42.40 273 iPd 15 42.00 -0.6
SBA 43.22 184 e(P) 15 30.70 -17.9X
WB2 43.81 278 eP 15 53.00 -1.0
WRA 43.82 278 Pc 15 53.20 -0.9
0.8s 14.80nm 4.8mb
SPA 54.99 180 eP 17 21.00 1.3
1.0s 10.00nm 4.8mb
PCI 66.32 287 eP 18 36.70 -0.4
KEV 142.60 346 ePKP 27 19.00 -0.7
SOD 144.61 343 iPKP 27 20.00 -3.2X
BNG 145.44 212 iPKPd 27 25.40 -0.8
1.0s 50.00nm
KJF 146.78 339 iPKP 27 27.10 0.3
0.9s 40.60nm
SUF 148.36 338 iPKP 27 30.70 1.3
0.7s 19.10nm
NUR 150.49 336 iPKP 27 37.30 4.6X
0.8s 29.40nm
KIC 150.80 168 ePKP 27 38.80 4.2X
NB2 153.34 349 PKP 27 43.40 6.4X
0.8s 5.00nm
S.D. = 1.0 on 17 of 22 obs.

SEP 28, 1985 17h 24m 29.80± 0.45s
24.187 S ± 5.4km 66.973 W ± 8.3km
DEPTH = 192.7 ± 5.4 km
4.5mb (8 obs.)
SALTA PROVINCE, ARGENTINA (129)

SLA 1.45 112 iPc 25 03.00 0.1
S 25 27.60
HJA 1.73 56 iPc 25 06.90 1.6
(S) 25 34.40
FSA 2.08 155 iPc 25 09.00 0.1
YJA 2.42 34 iPd 25 14.10 0.9
S 25 46.80
TPZ 2.95 23 iPd 25 21.20 1.9
ANT 3.19 278 iPc 25 20.20 -1.6
iS 25 54.30
CYA 4.37 166 iPc 25 36.50 -0.1
VCA 4.67 193 ePd 25 41.10 0.5
S 26 37.00
CCH 6.82 7 Pc 26 07.60 -1.1
S 27 22.40
CNCB 7.40 352 iP 26 16.90 0.2
S 27 40.00
RTCB 7.45 192 ePc 26 15.20 -1.7
LPB 7.69 352 iPc 26 20.00 -0.4
0.8s 74.63nm 5.0mb
S 27 45.00
ZOBO 7.95 352 iP 26 23.00 -1.1
0.8s 52.67nm 4.9mb
S 27 52.00
RFA 10.63 187 ePd 26 54.70 -3.5X
VBA 14.47 164 eP 27 43.00 -3.9X
VAO 18.37 90 eP 28 31.10 -1.6
e 28 35.80
BAO 19.75 68 iPc 28 45.90 -1.1
SOB1 29.00 64 eP 30 10.60 -3.2X
ITR 31.28 65 eP 30 31.30 -2.5
JCT 62.82 328 iP 34 36.20 -0.9
0.8s 11.57nm 4.8mb
BHO 63.99 334 e(P) 34 44.20 -0.4
0.6s 0.80nm 3.7mb
SPA 65.96 180 iPd 34 57.90 0.8
0.8s 5.83nm 4.4mb
ALQ 69.71 326 eP 35 20.90 0.1
0.9s 8.40nm 4.5mb
GLA 72.93 319 eP 35 41.00 1.2
SBA 73.52 190 e(P) 35 43.70 1.2
NOP 75.87 321 iP 35 58.00 1.4
BDW 77.33 329 eP 36 05.10 0.4
1.1s 1.88nm 3.7mb
BUL 86.79 111 iPd 36 55.30 1.3
0.6s 4.33nm 4.5mb
PNT 86.87 329 eP 36 54.00 0.5
MTD 90.76 109 eP 37 19.00 6.4X
WRA 131.47 207 PKPc 43 21.80 0.3
0.6s 1.60nm
S.D. = 1.2 on 27 of 31 obs.

• SEP 28, 1985 18h 54m 23.94± 0.81s
41.459 N ± 9.2km 22.290 E ± 6.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

VAY 0.25 123 iPg 54 29.30 0.0
iSg 54 32.50
SKO 0.82 309 ePg 54 39.20 -0.6
iSg 54 50.00
MMB 1.09 83 iPgd 54 44.00 -0.4
OHR 1.18 253 iPn 54 46.30 0.4
iSn 55 02.90
VTS 1.33 30 iPgc 54 49.00 0.6
PLD 1.92 70 eP 55 00.00 3.1X
DIM 2.53 76 eP 55 11.00 5.3X
PVL 2.72 51 iPd 55 14.00 5.5X
S.D. = 0.7 on 5 of 8 obs

• SEP 28, 1985 19h 04m 08.06± 0.78s
41.510 N ±11.4km 22.310 E ± 6.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

VAY 0.27 134 iPg 04 13.40 -0.4
iSg 04 16.70
SKO 0.80 306 iPg 04 23.20 -0.4
iSg 04 34.00
MMB 1.07 85 iPgd 04 28.00 -0.2
OHR 1.21 251 ePn 04 30.90 0.3
iSn 04 47.00
PLD 1.88 71 eP 04 56.00 15.4X
KDZ 2.28 86 iP 04 47.00 0.6
DIM 2.51 77 eP 04 56.00 6.5X
PVL 2.68 51 iPc 04 58.00 6.0X
GZR 3.90 5 iPc 05 19.00 9.7X
S.D. = 0.6 on 5 of 9 obs.

? SEP 28, 1985 19h 05m 21.94± 6.25s
38.891 N ±62.9km 74.599 E ±12.9km
DEPTH = 33.0km (normal)
TAJIK-XINJIANG BORDER REGION (719)

NDI 10.41 167 iPd 07 52.00 0.0
eS 09 33.50
QUE 10.72 218 eP 07 56.50 0.0
eS 09 43.50
KKN 14.21 138 eP 08 43.00 -0.1
0.5s 18.00nm 5.0mb
DMN 14.26 139 eP 08 44.00 0.1
0.7s 14.00nm 4.7mb
PKI 14.45 138 eP 08 46.30 -0.1
0.6s 11.00nm 4.6mb
S.D. = 0.1 on 5 of 5 obs.

• SEP 28, 1985 19h 08m 59.29± 0.90s
35.264 S ± 8.9km 178.915 W ±12.8km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ 4.17 215 P 10 03.00 0.8
S 10 55.00
KRP 5.19 238 P 10 18.00 1.3
S 11 19.80
MNG 6.94 218 eP 10 40.00 -1.3
i 10 41.80
eS 11 58.00
CRZ 6.96 274 P 10 42.20 0.6
NOU 18.17 311 iPc 13 11.00 0.4
DZM 18.35 312 iPc 13 14.50 1.5
KOU 20.81 310 iPc 13 39.10 -1.2
CTA 34.15 287 iP 15 44.20 0.7
1.0s 20.50nm 5.0mb
ASPA 42.32 273 iPd 16 51.10 -0.7
SBA 43.14 184 e(P) 16 56.70 -1.1
WB2 43.73 278 iPd 17 01.80 -1.5
WRA 43.74 278 Pd 17 01.80 -1.6
0.5s 4.50nm 4.5mb
SPA 54.92 180 e(P) 18 30.70 1.7
PCI 66.26 287 eP 19 46.00 -0.6
SOD 144.66 343 ePKP 28 27.00 -6.1X
BNG 145.33 212 iPKPd 28 35.20 -0.7
1.0s 36.00nm
id 28 46.20
KJF 146.82 339 iPKP 28 37.00 0.2
0.9s 22.00nm
SUF 148.39 338 iPKP 28 40.70 1.4
0.5s 6.30nm
NUR 150.53 336 iPKP 28 46.90 4.2X
0.6s 15.60nm
KIC 150.74 168 ePKP 28 49.60 5.2X
NB2 153.40 349 PKP 28 52.80 5.9X

28d 19h

0.9s 4.50nm
S.D. = 1.2 on 17 of 21 obs.

? SEP 28, 1985 19h 53m 48.57± 2.18s
41.801 N ±14.6km 141.904 E ±32.3km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
HOKKAIDO, JAPAN REGION (224)

MAT	5.98	210	eP	55 17.00	-0.2
	0.7s	6.85nm			4.4mb
			(S)	56 29.00	
BJI	19.50	273	eP	58 15.00	-0.8
KKN	47.75	272	eP	02 25.20	0.6
	0.9s	20.00nm			5.1mb
PKI	47.77	271	eP	02 25.20	0.3
DMN	47.98	272	eP	02 27.00	0.5
	0.9s	9.00nm			4.8mb
NB2	69.95	337	P	04 57.80	-0.4
	0.8s	2.70nm			4.4mb
S.D. = 0.7 on 6 of 6 obs.					

* SEP 28, 1985 20h 05m 46.15± 1.50s
0.968 N ±14.8km 98.692 E ±16.3km
DEPTH = 93.4 ± 20.1 km
NORTHERN SUMATERA (706)

PSI	1.73	8	iPd	06 16.90	1.5
			eS	06 36.40	
PPI	2.22	130	ePc	06 21.50	-0.4
			e	06 42.00	
IPM	4.28	33	ePd	06 48.90	-1.3
	0.9s	32.80nm			
			e	07 48.10	
KGM	4.74	77	iPc	06 56.90	0.3
	0.7s	241.50nm			
BSI	5.63	323	eP	07 08.50	-0.5
WB2	40.66	123	eP	13 19.50	0.5
S.D. = 1.5 on 6 of 6 obs.					

SEP 28, 1985 20h 36m 39.41± 0.49s
15.157 S ± 7.0km 167.974 E ±10.8km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
VANUATU ISLANDS (186)

PVC	2.59	173	iP	37 11.00	-8.9X
			iS	37 50.00	
KOU	6.42	213	iPc	38 13.80	-0.4
			iS	39 24.10	
DZM	7.03	192	iPc	38 21.60	-1.2
			iS	39 41.10	
NOU	7.28	191	iPc	38 26.50	0.6
			iS	39 45.50	
SVO	9.96	306	eP	39 04.00	0.6
			eS	40 54.00	
PMG	21.12	283	eP	41 12.70	-11.1X
CTA	21.27	254	eP	41 31.00	5.7X
	0.8s	11.94nm			4.4mb
WB2	32.37	257	eP	43 07.80	-0.6
WRA	32.38	257	Pd	43 07.40	-1.1
	0.6s	4.80nm			4.6mb
ASPA	33.16	250	iPd	43 15.30	0.1
MBL	46.00	255	eP	45 03.00	1.3
SBA	62.71	180	e(P)	47 03.80	0.8
SPA	74.94	180	e(P)	48 20.00	1.1
COL	86.55	17	eP	49 19.00	-1.1
MUD	135.72	343	ePKP	56 05.00	7.0X
EKA	139.32	352	PKPd	56 11.40	6.6X
	0.3s	3.70nm			
OSS	143.52	334	ePKPd	56 11.30	-1.4
VDL	143.96	335	ePKPd	56 12.60	-0.9
TMA	144.52	335	iPKPd	56 14.00	-0.4
MMK	144.93	336	ePKPd	56 15.80	0.6
DIX	145.13	336	ePKPd	56 16.50	0.9
FLN	145.17	347	ePKP	56 15.20	0.0
LDF	145.25	346	ePKP	56 15.60	0.3
LOR	145.37	341	ePKP	56 16.30	0.7
LBF	145.58	340	ePKP	56 17.20	1.2X
GRR	145.61	347	ePKP	56 17.00	1.1X
SSF	145.65	341	ePKP	56 17.70	1.6X
LPG	145.87	336	ePKP	56 18.90	2.0X
SMF	145.92	340	ePKP	56 18.20	1.6X
AVF	145.95	341	ePKP	56 18.20	1.6X
LPF	145.98	347	ePKP	56 18.40	1.8X
BGF	146.31	341	ePKP	56 19.40	2.2X
MZF	146.70	341	ePKP	56 20.60	2.8X
TCF	146.75	342	ePKP	56 20.80	2.9X
LSF	146.98	343	ePKP	56 21.10	2.8X
MFF	147.11	345	ePKP	56 21.50	3.0X
FRF	147.51	334	ePKP	56 22.50	3.3X
LRG	147.71	335	ePKP	56 23.50	4.0X
LMR	147.75	334	ePKP	56 23.30	3.7X
CDR	147.77	335	ePKPc	56 23.30	3.7X
RJF	147.85	342	ePKP	56 23.80	4.1X
CAF	148.02	341	ePKP	56 24.30	4.3X
BNG	148.09	254	iPKPc	56 25.00	4.0X
	0.7s	17.00nm			
			ic	56 31.80	
			id	56 42.20	
LFF	148.41	343	ePKP	56 25.20	4.6X
LPO	148.51	342	ePKP	56 25.60	4.8X
S.D. = 0.9 on 19 of 45 obs.					

SEP 28, 1985 20h 55m 09.72± 0.47s
56.514 N ± 3.9km 3.543 E ± 6.4km
DEPTH = 10.0km (geophysicist)
NORTH SEA (534)
DUR 2.6 (BER), ML 3.3 (EDI).

KMY	2.86	18	iPn	55 57.00	0.9
			iSn	56 28.70	
ESY	3.49	263	ePn	56 06.10	1.0
EDU	3.63	273	ePnc	56 07.10	0.0
			eSn	56 45.80	
EDI	3.80	264	ePn	56 10.50	0.9
			eSn	56 51.80	
ODD	3.82	24	iPn	56 11.50	1.6
			iSn	56 53.50	
EBH	3.93	269	ePn	56 11.10	-0.3
			eSn	56 53.80	
EAU	3.97	263	ePn	56 12.40	0.5
EAB	4.40	269	ePnc	56 17.80	-0.2
			eSn	57 03.90	
KONO	4.50	43	eP	57 10.30	50.9X
			iS	57 41.90	
SUE	4.60	7	ePn	56 19.10	-1.8
			iSn	57 09.30	
HYA	4.86	15	ePn	56 23.20	-1.4
			eSn	57 16.40	
WTS	4.92	156	eP	56 34.00	8.7X
			e	57 27.00	
ENN	5.93	165	eP	56 34.00	-5.6X
SNF	6.03	175	Pn	56 45.70	4.7X
DOU	6.46	174	Pn	56 50.70	3.5X
			Sn	58 02.20	
FLN	8.14	199	Pn	57 10.40	-0.3
			Sn	58 37.40	
LDF	8.24	197	Pn	57 11.80	-0.3
			Sn	58 41.70	
BRG	8.36	128	e(P)	57 19.00	5.2X
GRR	8.57	200	Pn	57 15.70	-0.9
			Sn	58 47.50	
LPF	8.95	200	Pn	57 20.50	-1.3
LOR	9.26	179	Pn	57 28.70	2.5
			Sn	59 06.50	
SSF	9.47	180	Pn	57 30.60	1.5
BGF	9.98	183	Pn	57 37.20	1.1
			Sn	59 25.70	
MFF	10.19	195	Pn	57 38.20	-0.7
TCF	10.27	185	Pn	57 40.80	0.6
MZF	10.33	184	Pn	57 41.20	0.3
LSF	10.35	188	Pn	57 40.80	-0.5
RJF	11.30	187	Pn	57 53.80	-0.3
CAF	11.64	185	Pn	57 58.30	-0.5
LFF	11.73	190	Pn	57 58.70	-1.2
LPO	11.94	188	Pn	58 02.20	-0.6
EPF	13.65	190	Pn	58 25.00	-0.7
S.D. = 1.1 on 26 of 32 obs.					

SEP 28, 1985 21h 11m 48.98± 0.88s
37.252 N ± 4.1km 116.270 W ± 8.8km
DEPTH = 5.0km (geophysicist)
SOUTHERN NEVADA (41)
ML 3.3 (PAS).

TMBR	0.24	203	eP	11 54.40	0.6
YMT5	0.38	203	eP	11 56.90	0.2
YMT6	0.41	195	iPc	11 57.30	0.1
YMT3	0.48	194	eP	11 58.20	-0.4
LSM	0.51	180	eP	11 58.50	-0.7
MGM	1.00	281	eP	12 07.90	-0.6
LCH	1.10	270	eP	12 10.10	-0.1
CLC	1.79	217	iPd	12 21.80	1.0
			eS	12 47.60	
VPEM	1.80	224	eP	12 20.[illegible]	-0.4
MNA	1.90	309	eP	12 22.80	0.3
EUR	2.24	6	iP	12 27.60	0.1
SDW	2.72	194	eP	12 40.00	5.8X
S.D. = 0.6 on 11 of 12 obs.					

? SEP 28, 1985 21h 17m 51.27± 0.59s
15.955 S ±24.2km 172.566 W ±21.2km
DEPTH = 33.0km (normal)
4.7mb (5 obs.)
SAMOA ISLANDS REGION (169)

WB2	50.49	257	eP	26 47.00	-1.5
ASPA	50.71	252	eP	26 52.00	1.8
SBA	62.77	185	e(P)	28 14.00	-1.2
SPA	74.15	180	eP	29 32.40	6.2X
	1.1s	3.57nm			4.3mb
PNT	80.05	32	eP	29 58.00	-1.1
LTX	80.25	56	eP	30 02.00	1.3
	1.2s	9.28nm			4.7mb
ALQ	80.54	50	eP	30 02.30	0.1
	1.2s	9.77nm			4.7mb
BDW	82.14	41	iP	30 10.80	0.3
	1.2s	9.28nm			4.7mb
COL	82.79	10	iP	30 11.20	-1.8
	1.0s	47.00nm			5.5mb
EDM	85.54	31	iPc	30 26.80	-0.4
PRU	145.57	352	PKP	37 27.20	-0.5
GRF	146.21	356	ePKP	37 29.60	0.8
KHC	146.53	353	PKPd	37 30.20	0.8
	1.0s	21.00nm			
			e	37 43.50	
FLN	146.64	10	ePKP	37 30.30	0.8
LDF	146.87	9	ePKP	37 31.30	1.5X
ZST	146.88	348	ePKP	37 30.30	0.4
GRR	146.95	10	ePKP	37 32.10	2.1X
SRO	146.99	346	ePKP	37 30.60	0.6
LPF	147.26	11	ePKP	37 33.00	2.5X
	1.1s	18.70nm			
CDF	147.63	0	ePKP	37 33.20	2.0X
	1.0s	8.00nm			
HAU	148.03	1	ePKP	37 34.50	2.7X
BSF	148.21	1	ePKP	37 34.80	2.6X
LOR	148.64	5	ePKP	37 36.10	3.3X
MFF	148.80	10	ePKP	37 39.00	6.0X
SSF	148.81	5	ePKP	37 36.70	3.7X
	1.1s	7.30nm			
LBF	148.93	5	ePKP	37 36.90	3.6X
LSF	149.40	8	ePKP	37 41.30	7.3X
LJU	149.42	350	ePKP	37 37.20	3.2X
TCF	149.44	7	ePKP	37 41.50	7.4X
VOY	149.53	351	ePKP	37 37.00	2.7X
MZF	149.56	7	ePKP	37 42.20	8.0X
	1.2s	12.50nm			
RJF	150.32	8	ePKP	37 44.90	9.5X
LPG	150.54	1	ePKP	37 46.10	10.0X
CAF	150.77	8	ePKP	37 46.90	10.8X
S.D. = 1.2 on 15 of 34 obs.					

* SEP 28, 1985 22h 02m 38.66± 1.10s
24.375 S ±16.0km 67.000 W ±10.4km
DEPTH = 210.0 ± 12.9 km
CHILE-ARGENTINA BORDER REGION (127)

SLA	1.42	105	iPc	03 13.00	0.0
			S	03 38.00	
HJA	1.86	52	ePc	03 17.00	0.2
YJA	2.59	32	ePd	03 24.80	-0.3
			S	03 58.00	
TPZ	3.13	22	iP	03 31.30	0.1
ANT	3.19	281	iPc	03 31.50	0.0
			iS	04 09.40	
VAO	18.40	90	eP	06 40.60	0.0
S.D. = 0.2 on 6 of 6 obs.					

* SEP 28, 1985 22h 52m 20.14± 0.38s
15.683 S ±12.9km 173.235 W ± 9.8km
DEPTH = 33.0km (normal)
4.7mb (7 obs.)
TONGA ISLANDS (173)

DZM	20.24	249	iPc	56 54.80	-0.8
NOU	20.30	248	iPc	56 55.90	-0.1
KOU	21.90	254	iPc	57 13.10	0.7
BRS	33.59	244	eP	59 00.00	0.4
CTA	38.73	257	eP	59 45.00	1.7

CAN	38.99	233	eP	59	45.30	0.0
WAM	39.38	232	eP	59	48.60	0.1
WB2	49.92	257	eP	01	12.30	-0.8
WRA	49.93	257	Pc	01	13.00	-0.2
	0.7s		7.30nm			4.8mb
ASPA	50.18	252	iPc	01	14.10	-0.9
SBA	62.98	185	eP	02	46.80	1.3
	0.9s		6.72nm			4.8mb
MBL	63.34	254	iPd	02	48.40	-0.3
KLB	64.24	242	iPd	02	54.00	-0.6
	0.7s		31.00nm			5.5mb
BAL	65.21	243	eP	03	00.00	-0.8
NAU	67.14	252	eP	03	14.00	0.7
SPA	74.42	180	eP	03	56.00	-0.6
	1.0s		5.00nm			4.5mb
BMN	76.26	41	eP	04	07.10	-0.4
PNT	80.17	32	iPc	04	29.00	0.4
	0.8s		10.00nm			4.9mb
ALQ	80.86	50	eP	04	32.00	-0.8
	1.0s		4.25nm			4.4mb
BDW	82.37	42	eP	04	40.50	0.0
	1.0s		3.00nm			4.3mb
COL	82.64	11	eP	04	42.00	0.9
SES	85.34	35	eP	04	55.00	-0.2
EDM	85.64	31	eP	04	56.80	0.2
PRU	145.21	351	ePKP	11	58.50	2.6X
NAI	145.87	243	ePKP	11	39.00	-19.4X
KHC	146.18	352	PKPc	12	01.50	3.8X
CDF	147.36	359	ePKP	12	12.70	13.1X
LOR	148.41	4	ePKP	12	13.80	12.5X
SSF	148.60	4	ePKP	12	14.70	13.1X
LJU	149.04	349	e(PKP)	12	09.00	6.7X
VOY	149.16	350	e(PKP)	12	05.00	2.4X
MZF	149.36	6	ePKP	12	10.60	7.8X
	1.0s		3.80nm			
	S.D. = 0.7		on 23 of 32 obs.			

& SEP 28, 1985 23h 03m 32.36s
60.322 N 152.888 W
DEPTH = 124.9km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.14	166	eP	03	49.02	0.9
			iS	04	02.54	
RDT	0.35	43	iP	03	49.81	1.0
NNL	0.84	109	iP	03	53.74	0.1
PDB	0.85	231	iP	03	52.76	-0.9
SPU	0.95	25	iP	03	53.94	-0.8
CRP	1.01	20	iP	03	54.77	-0.7
CGLM	1.08	23	iP	03	55.16	-0.8
CNPM	1.15	133	iP	03	55.99	-0.7
			iS	04	14.18	
SLKM	1.34	81	eP	03	57.48	-1.2
MPA	1.76	83	eP	04	02.64	-0.9
PMS	1.88	59	eP	04	04.49	-0.5
			iS	04	28.33	
PWA	1.98	46	eP	04	04.82	-1.4
PTE	1.98	72	eP	04	04.02	-2.2
PWL	2.31	75	iP	04	09.72	-0.7
			iS	04	36.40	
GHO	2.42	51	eP	04	09.38	-2.5
			eS	04	38.77	
KNIM	2.56	87	eP	04	12.26	-1.4
MTU	2.64	95	iP	04	13.78	-0.9
			iS	04	44.49	
SML	2.67	54	iP	04	12.38	-2.8
	18 obs. associated					

• SEP 28, 1985 23h 27m 29.79± 0.59s
28.137 N ± 8.2km 140.778 E ±13.8km
DEPTH = 33.0km (normal)
4.9mb (10 obs.)
BONIN ISLANDS REGION (212)

KYS	7.06	356	eP	29	12.20	-1.3
OYM	7.38	350	eP	29	18.30	0.3
SRY	7.56	351	eP	29	20.20	-0.2
DDR	7.95	351	eP	29	18.30	-7.7X
TSK	8.07	356	eP	29	27.00	-0.6
MAT	8.66	346	eP	29	39.00	3.3X
	0.7s		18.49nm			5.3mb
			(S)	31	24.00	
WB2	48.20	188	iPd	36	08.00	-1.2
WRA	48.20	188	Pd	36	07.90	-1.3
	0.7s		24.10nm			5.3mb
PKI	48.59	283	eP	36	14.00	1.4
	1.0s		16.00nm			5.0mb
KKN	48.64	283	eP	36	14.20	1.3
	0.7s		28.00nm			5.4mb
DMN	48.84	283	eP	36	16.00	1.5
	0.9s		21.00nm			5.2mb
COL	57.03	29	eP	37	15.00	0.5
KJF	74.31	335	eP	39	06.00	0.7
DAG	74.58	355	iPc	39	06.00	-0.7
	0.9s		9.24nm			4.8mb
PNT	75.03	42	eP	39	11.00	1.2
SUF	75.71	334	iP	39	12.60	-0.8
	0.4s		2.10nm			4.5mb
NEW	76.98	42	eP	39	22.00	1.1
NUR	77.57	333	eP	39	22.00	-1.7
LRM	80.96	43	eP	39	43.90	1.2
FFC	81.51	31	eP	39	46.00	0.9
	0.8s		5.00nm			4.6mb
HFS	81.97	336	eP	39	46.20	-1.2
	0.6s		3.00nm			4.5mb
	Z 12s		0.10um			4.4MszX
			LR	19	40.00	
NB2	82.18	338	PKP	39	47.40	-1.1
	0.8s		1.80nm			4.2mb
ZOBO	150.83	72	ePKP	47	19.00	3.1X
LPB	150.98	73	ePKP	47	22.00	6.1X
CNCB	151.21	73	ePKP	47	21.00	4.6X
	S.D. = 1.2		on 20 of 25 obs.			

• SEP 28, 1985 23h 41m 06.13± 3.46s
35.871 N ±13.2km 139.568 E ±13.2km
DEPTH = 105.6 ± 32.3 km
NEAR S. COAST OF HONSHU, JAPAN (230)

TOK	0.24	140	P	41	21.40	0.1
			S	41	31.80	
KMG	0.31	332	iPc	41	21.80	0.2
			iS	41	32.50	
DDR	0.33	293	iPc	41	22.40	0.6
SRY	0.35	222	iPd	41	21.50	-0.3
OYM	0.52	211	iPd	41	22.40	-0.5
TSK	0.55	52	iPc	41	22.60	-0.5
KYS	0.82	145	eP	41	25.90	0.5
MAT	1.29	302	iPd	41	30.50	0.0
			(S)	41	47.00	
	S.D. = 0.6		on 8 of 8 obs.			

? SEP 29, 1985 00h 11m 00.61± 1.15s
28.037 N ±15.5km 140.614 E ±20.1km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
BONIN ISLANDS REGION (212)

CBI	1.68	124	eP	10	56.00	-32.1X
SSE	17.17	285	P	15	04.00	4.4X
	N 11s		0.80um			
			S	18	26.00	
			sS	18	38.00	
			PcP	19	35.00	
MDJ	18.75	335	eP	15	22.00	3.0X
DL2	19.16	309	eP	15	26.00	2.1
			eS	19	00.00	
NJ2	19.25	287	Pc	15	30.00	4.9X
			iS	19	09.00	
SNY	19.56	319	Pc	15	30.00	1.6
			PP	15	50.00	
			S	19	06.00	
CN2	19.91	326	Pc	15	33.00	0.9
			eS	19	17.00	
TIA	21.46	298	eP	15	46.60	-1.7
			S	19	49.50	
MAN	22.50	238	eP	16	04.00	5.3X
WHN	23.03	283	eP	16	02.50	-1.3
			S	20	20.00	
BJI	23.45	307	eP	16	09.50	1.8
			eS	20	24.00	
			eSS	21	07.00	
TIY	25.48	299	eP	16	28.60	1.2
HHC	27.02	306	eP	16	39.50	-2.2
XAN	27.74	290	eP	16	46.40	-1.8
			eS	21	35.50	
BTO	28.06	305	eP	16	51.20	0.1
GTA	35.51	299	P	17	56.90	0.4
WMQ	44.90	305	eP	19	15.00	1.1
WB2	48.08	188	eP	19	40.20	1.1
WRA	48.08	188	Pc	19	40.10	1.0
	0.8s		12.00nm			5.0mb
ASPA	51.81	188	eP	20	12.00	4.4X
NDI	55.18	287	eP	20	34.00	1.5
COL	57.18	29	eP	20	46.00	-0.4
POO	61.41	277	eP	21	15.00	-1.3
QUE	63.31	292	eP	21	26.80	-2.1
NB2	82.22	338	P	23	17.60	-2.0
	1.3s		7.30nm			4.6mb
ZOBO	151.00	72	ePKP	30	57.00	10.0X
LPB	151.15	73	iPKPd	30	57.20	10.2X
CNCB	151.38	73	ePKP	30	55.00	7.5X
	S.D. = 1.6		on 19 of 28 obs.			

SEP 29, 1985 00h 36m 13.50± 0.42s
41.441 N ± 4.7km 22.312 E ± 4.1km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
Felt (V) in the Demir Kapija-Negotino area.

VAY	0.23	122	iPg	36	18.40	0.0
			iSg	36	22.30	
GRG	0.49	172	ePgc	36	23.60	0.2
KNT	0.52	122	ePgc	36	23.70	-0.4
SKO	0.84	309	iPgc	36	27.80	-1.9
			iSg	36	38.50	
THE	0.95	148	ePg	36	30.00	-1.5
			e	36	49.30	
SOH	1.00	128	ePg	36	38.50	6.0X
			eSg	37	00.50	
SRS	1.02	108	ePg	36	32.40	-0.4
MMB	1.07	82	iPgd	36	33.00	-0.7
OHR	1.19	254	iPnd	36	35.50	-0.2
			eSn	36	51.70	
VTS	1.33	29	iPgd	36	37.00	-1.1
OUR	1.68	131	ePbd	36	43.70	0.7
PAIG	1.84	145	ePbd	36	45.90	0.6
PVY	2.09	304	ePn	36	50.00	0.9
KDZ	2.29	84	iPd	36	52.00	0.1
ULC	2.35	284	ePn	36	57.00	4.2X
			eSn	37	27.00	
TTG	2.48	294	ePn	36	57.00	2.4
			eSn	37	28.00	
DIM	2.52	75	iP	36	57.00	1.9
PVL	2.72	50	iPd	37	03.00	5.0X
BRY	3.16	299	ePn	37	06.00	1.7
BEO	3.64	339	ePn	37	10.10	-0.9
			iSg	38	06.90	
CLO	3.65	5	eP	37	10.00	-1.2
GZR	3.97	5	ePd	37	15.00	-0.7
DMK	4.10	83	ePn	37	20.80	3.3X
COZ	4.15	20	eP	37	20.00	1.6
DEV	4.46	5	ePc	37	36.00	13.3X
MLR	4.83	32	ePc	37	32.00	3.9X
PSN	4.88	61	eP	37	46.00	17.4X
ISK	5.10	92	ePn	37	48.00	16.3X
DST	5.15	109	ePn	37	32.10	-0.4
TLB	5.24	51	eP	37	36.00	2.3
VRI	5.46	34	eP	37	37.00	0.1
HRT	5.59	94	ePn	37	38.00	-0.8
CFR	5.67	47	eP	37	58.00	18.2X
CEY	7.16	310	ePn	38	00.90	0.2
			e(Sn)	39	21.70	
LJU	7.27	312	ePn	38	01.10	-1.2
			e(Sn)	39	20.10	
TRI	7.53	307	eP	38	03.00	-2.9X
			e	40	23.10	
VOY	7.63	310	eP	38	06.40	-1.0
			eS	39	33.70	
	S.D. = 1.2		on 27 of 37 obs			

SEP 29, 1985 00h 46m 36.02± 1.27s
28.059 N ± 8.5km 140.818 E ± 6.3km
DEPTH = 51.2 ± 12.3 km
4.9mb (8 obs.)
BONIN ISLANDS REGION (212)

CBI	1.55	128	P	47	01.00	-0.6
			S	47	18.50	
SSE	17.34	285	eP	50	38.00	2.0
			S	54	00.00	
NJ2	19.42	287	Pc	51	02.20	1.3
TIA	21.61	298	eP	51	22.50	-1.0
WHN	23.20	283	eP	51	38.50	-0.6
BJI	23.58	307	eP	51	41.50	-1.2
			eS	55	54.00	
TIY	25.62	299	P	52	02.80	0.4
			S	56	34.50	
HHC	27.15	306	Pc	52	16.00	-0.5

29d 00h

XAN 27.90 290 eP 52 22.90 -0.3
BTO 28.19 304 eP 52 25.70 -0.2
KMI 34.09 274 eP 53 19.00 0.9
GTA 35.65 299 Pd 53 30.80 -0.4
WMO 45.03 305 P 54 48.50 0.0
WB2 48.13 188 eP 55 12.30 -0.6
WRA 48.13 188 Pd 55 12.30 -0.6
0.7s 27.00nm 5.4mb
PKI 48.64 283 eP 55 17.80 0.5
0.8s 16.00nm 5.1mb
KKN 48.70 283 eP 55 18.40 0.8
0.8s 31.00nm 5.4mb
ASPA 51.86 188 eP 55 42.00 0.6
COL 57.08 29 eP 56 20.00 1.0
QUE 63.47 292 eP 57 02.00 -1.3
MBC 65.28 15 eP 57 14.00 -0.2
DAG 74.66 355 iPc 58 10.40 -0.8
1.1s 15.19nm 4.8mb
SUF 75.80 334 eP 58 17.00 -1.0
0.5s 1.80nm 4.3mb
EDM 76.77 36 eP 58 24.00 0.4
EUR 81.95 50 iP 58 53.30 1.2
0.2s 5.86nm 5.3mb
HFS 82.06 336 eP 58 50.90 -1.0
0.5s 2.60nm 4.5mb
Z 14s 0.13um 4.4MszX
LR 33 46.00
NB2 82.27 338 P 58 52.40 -0.6
0.8s 2.40nm 4.3mb
BDW 84.36 44 eP 59 05.50 1.1
ZOBO 150.82 72 ePKP 06 24.00 4.2X
LP8 150.97 73 ePKP 06 20.00 0.2
CNCB 151.20 73 ePKP 06 23.00 2.7X
TPZ 155.06 81 ePKP 06 26.00 0.6
S.D. = 0.9 on 30 of 32 obs.

• SEP 29, 1985 00h 57m 42.24± 1.33s
31.310 S ±10.9km 69.844 W ±14.5km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 0.91 101 iPc 57 59.30 0.5
S 58 12.10
ZON 1.02 104 iPd 58 00.20 -0.2
eS 58 14.00
RTMO 1.03 101 iP 58 00.00 -0.4
S 58 13.50
CFA 1.40 103 ePd 58 03.00 -2.8X
S 58 19.00
VCA 2.93 29 ePd 58 19.20 -8.5X
S 58 48.50
RFA 3.64 162 ePc 58 37.70 0.0
ARE 14.86 354 eP 01 12.00 0.0
S.D. = 0.5 on 5 of 7 obs.

SEP 29, 1985 01h 24m 54.90± 0.81s
41.502 N ± 9.5km 22.270 E ± 6.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
Felt (IV) in the Demir Kapijo-
Negotino otea.

VAY 0.29 129 iPg 25 00.20 -0.8
iSg 25 04.00
SKO 0.78 307 iPg 25 09.30 -0.8
i 25 12.00
iSg 25 20.30
MMB 1.10 85 iPgd 25 15.00 -0.5
OHR 1.18 251 iPnd 25 17.50 0.6
iSn 25 33.50
VTS 1.30 32 iPg 25 19.00 0.1
PLD 1.92 71 iPd 25 31.00 3.1X
KDZ 2.32 86 eP 25 35.00 1.3
DIM 2.54 77 eP 25 42.00 5.2X
PVL 2.71 52 iPc 25 44.00 4.8X
CLO 3.59 6 eP 25 24.00 -27.7X
GZR 3.91 5 ePc 26 05.00 8.7X
S.D. = 1.1 on 6 of 11 obs.

? SEP 29, 1985 01h 29m 05.08± 2.70s
4.876 S ±27.4km 124.404 E ±18.1km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
BANDA SEA (280)

KUPT 5.30 189 ePc 30 24.50 0.5
KNA 11.63 159 eP 31 49.00 -2.8
0.4s 85.00nm 6.3mb X
eS 33 20.00
TZZ 16.76 92 eP 32 58.50 -0.6
WRA 17.83 148 Pc 33 13.60 1.2
0.7s 21.10nm 4.4mb
WB2 17.84 148 eP 33 13.20 0.7
eS 35 52.30
NAU 19.56 205 eP 33 33.00 -0.3
eS 36 28.00
ASPA 20.81 155 iPd 33 48.10 1.8
eS 36 57.00
MEK 22.33 194 eP 34 01.00 -0.6
BAL 26.60 195 eP 34 42.50 0.1
YOU 36.75 146 eP 36 21.20 9.8X
S.D. = 1.5 on 9 of 10 obs.

? SEP 29, 1985 02h 19m 32.37±10.82s
33.925 S ±37.8km 71.923 W ±81.1km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.43 94 iPc 19 41.80 -0.1
iS 19 49.00
TACH 0.86 72 iP 19 47.50 -0.7
iS 19 59.50
CHCH 1.06 91 iPd 19 51.20 0.2
SAN 1.15 66 iPc 19 52.50 0.2
iS 20 07.40
PCH 1.21 76 iPc 19 53.30 0.1
iS 20 10.00
ROCH 1.22 39 iP 19 52.50 -0.9
iS 20 09.40
PEL 1.30 53 iPd 19 54.00 -0.3
iS 20 13.50
BACH 1.32 65 iPd 19 54.50 -0.3
iS 20 13.50
JACH 1.67 42 iPd 19 59.80 0.0
i(S) 20 21.00
RTCB 3.58 48 e(P) 20 28.60 1.5
S.D. = 0.7 on 10 of 10 obs.

SEP 29, 1985 02h 32m 39.38± 0.37s
34.302 S ± 8.4km 179.528 W ±10.1km
DEPTH = 33.0km (normal)
4.9mb (7 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ 4.76 204 P 33 48.80 -1.8
S 34 42.50
RAO 5.22 16 eP 33 51.50 -5.6X
S 34 50.50
KRP 5.39 226 P 34 00.00 0.5
S 35 05.00
CRZ 6.45 267 P 34 20.70 6.3X
MNG 7.45 211 P 34 22.00 -6.5X
S 35 40.00
TCW 8.46 214 eP 34 37.00 -5.6X
S 36 10.00
MSZ 14.17 219 P 36 00.80 1.2
S 38 20.10
SVA 16.22 353 ePd 36 24.60 -1.8
VUN 16.33 353 eP 36 25.10 -2.7
NOU 17.16 310 iPc 36 45.00 6.8X
DZM 17.34 311 iPc 36 47.40 6.9X
KOU 19.81 310 iPc 37 14.30 4.3X
BRS 24.71 279 iPc 38 03.20 4.3X
eS 43 10.00
CAN 25.81 259 eP 38 09.70 0.5
WAM 25.81 257 eP 38 12.70 3.5X
YOU 26.46 261 eP 38 18.60 3.4X
RMQ 28.36 277 eP 38 36.00 3.5X
CTA 33.39 286 iPd 39 20.60 3.6X
1.4s 136.05nm 5.7mb
iPP 40 43.00
iS 44 40.00
ADE 34.19 257 iPc 39 25.90 2.0
PMG 39.31 301 eP 39 56.00 -11.2X
DRV 40.05 204 eP 40 12.50 -0.2
ASPA 41.78 272 iPc 40 28.70 1.2
WB2 43.11 277 eP 40 39.20 0.9
eS 47 05.00
WRA 43.12 277 P 40 39.00 0.6
0.8s 19.80nm 4.9mb
S8A 44.06 184 eP 40 45.20 -0.1
1.5s 22.22nm 4.7mb
MEK 53.22 260 eP 41 56.00 -1.0
SPA 55.88 180 eP 42 14.30 -1.7
1.0s 15.50nm 5.0mb
LEM 72.03 274 eP 44 02.[illegible] -2.5
0.7s 27.40nm 5.4mb
SYO 73.05 194 eP 44 05.80 -1.6
PSI 84.53 277 ePc 45 09.50 -1.2
RFA 85.78 130 ePc 45 11.50 -5.3X
PLM 89.36 48 eP 45 35.00 1.0
ARN 89.38 43 eP 45 35.00 1.1
SBB 89.68 47 eP 45 35.00 -0.4
ISA 89.96 45 eP 45 35.00 -1.6
TPC 90.36 48 eP 45 41.00 2.5X
JAS1 90.41 43 eP 45 40.50 1.9
1.0s 1.00nm 4.1mb
GLA 90.42 49 eP 45 39.00 0.2
CLC 90.59 46 eP 45 40.00 0.5
GSC 90.71 47 eP 45 40.00 -0.1
NOP 91.66 46 eP 45 45.20 0.7
BMN 93.94 43 eP 45 57.00 2.1
EUR 94.01 44 iP 45 57.20 1.8
0.5s 2.39nm 4.9mb
MBC 116.49 13 ePKP 51 18.00 -2.3
BUL 119.59 211 ePKP 51 26.50 -1.5
MTD 121.20 215 ePKP 51 33.40 2.4X
SOB1 121.61 130 ePKP 51 31.60 -0.2
ITR 123.50 132 e(PKP) 51 27.00 -8.5X
QUE 124.52 286 ePKP 51 38.00 0.8
SOD 143.59 343 ePKP 52 07.00 -4.4X
e 52 12.00
KJF 145.74 339 iPKP 52 14.00 -1.2
1.1s 156.00nm
BNG 145.87 213 iPKPc 52 15.20 -1.8
1.3s 79.00nm
id 53 05.10
AKU 146.67 14 ePKP 52 17.60 1.0
1.1s 30.38nm
SUF 147.31 338 iPKP 52 18.00 0.3
0.7s 16.00nm
NUR 149.45 337 iPKP 52 24.50 3.3X
0.4s 27.40nm
MKT 150.68 273 ePKP 52 29.00 5.0X
HRI 150.76 278 iPKP 52 29.00 4.8X
JER 150.86 275 ePKP 52 30.00 5.7X
BHL 150.95 279 PKP 52 30.00 5.6X
KIC 151.78 169 ePKP 52 31.00 4.9X
UPP 152.07 341 ePKP 52 36.00 10.9X
NB2 152.36 349 PKP 52 24.60 -1.0
1.0s 20.40nm
HFS 152.75 346 ePKP 52 31.40 5.3X
0.7s 6.40nm
KRA 158.75 324 ePKP 52 36.40 2.3
BRG 160.75 333 e(PKP) 52 53.00 16.7X
2.0s 30.00nm
PRU 161.22 331 ePKP 52 50.00 13.2X
e 53 17.50
KHC 162.28 331 ePKP 52 39.00 1.1
e 53 28.00
LJU 164.12 322 ePKP 52 40.10 0.3
VOY 164.45 323 ePKP 52 41.00 0.8
S.D. = 1.3 on 41 of 69 obs.

• SEP 29, 1985 02h 44m 32.27± 1.05s
31.105 S ± 7.8km 68.598 W ±17.2km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

RTMO 0.40 188 iPd 44 41.00 0.5
S 44 51.80
RTCB 0.42 204 iPd 44 40.90 0.1
S 44 51.90
ZON 0.44 189 iPd 44 41.20 -0.1
CFA 0.59 149 ePd 44 43.20 -1.0
S 44 57.10
VCA 2.38 8 eP 45 11.00 -1.1
S 45 48.00
SOB1 33.75 56 e(P) 51 18.00 1.7
S.D. = 1.3 on 6 of 6 obs.

• SEP 29, 1985 02h 53m 54.83± 1.29s
32.177 S ± 9.2km 66.847 W ±11.3km
DEPTH = 10.0km (geophysicist)
SAN LUIS PROVINCE, ARGENTINA (140)

CFA 1.31 295 ePd 54 17.00 -2.1
S 54 32.50
ZON 1.68 292 eP 54 23.00 -1.5
RTCB 1.80 292 ePc 54 25.80 -0.4
S 54 47.00

RFA	2.92	207	ePd	54	40.50	-1.7
			S	55	25.00	
JACH	3.21	260	iP	54	47.80	1.5
BACH	3.29	248	iP	54	48.20	0.7
			i	55	32.00	
PEL	3.38	252	iPc	54	49.00	0.3
			iS	55	35.50	
PCH	3.40	244	iP	54	50.50	1.4
			iS	55	38.00	
SAN	3.46	247	eP	54	45.50	-4.3X
ROCH	3.60	256	iP	54	51.50	-0.6
VCA	3.62	341	ePd	54	54.00	1.7
			S	55	48.00	
CHCH	3.64	240	eP	54	53.50	1.0
			i	55	45.40	
TACH	3.74	246	iP	54	54.00	0.1
			iS	55	47.50	
LNV	4.22	244	eP	55	06.50	5.9X
VBA	7.09	147	e(P)	55	40.80	-0.4
SLA	7.52	9	e(P)	56	07.00	19.7X

S.D. = 1.4 on 13 of 16 obs.

? SEP 29, 1985 04h 23m 28.10±18.49s
34.511 S ±128.km 71.514 W ±75.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.56	9	iP	23	39.70	0.2
			iS	24	17.60	
CHCH	0.92	51	iPc	23	44.10	-0.6
TACH	0.98	29	iPc	23	45.70	0.1
			iS	24	27.60	
PCH	1.22	43	iPc	23	49.60	0.7
SAN	1.27	34	iPd	23	49.50	-0.2
			i	24	34.80	
BACH	1.43	37	iPd	23	51.80	-0.3
PEL	1.53	27	iPd	23	53.50	0.1
			iS	24	42.90	
ROCH	1.59	15	iPd	23	54.00	-0.5
JACH	1.98	23	iPc	23	59.20	-0.8
			iS	24	51.00	

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

• SEP 29, 1985 04h 55m 45.08± 1.02s
2.195 N ±13.4km 126.586 E ±13.4km
DEPTH = 33.0km (normal)
5.0mb (3 obs.)
MOLUCCA PASSAGE (266)

AAI	6.06	165	ePd	57	16.00	1.2
PCI	7.42	246	e(P)	57	32.10	-1.7
			e(S)	58	14.50	
MAN	13.53	337	eP	59	02.90	5.8X
MTN	15.61	163	eP	59	26.00	1.6
WRA	23.28	161	Pc	00	49.30	-1.6
	0.7s		39.40nm			5.0mb
WB2	23.28	161	iPc	00	49.70	-1.3
			eS	05	01.80	
ASPA	26.67	165	eP	01	23.00	-0.1
MEK	29.67	195	eP	01	51.00	0.8
	0.5s		13.00nm			5.0mb
MRWA	32.84	197	eP	02	18.00	0.0
KLB	34.63	193	eP	02	34.00	0.5
	0.4s		13.00nm			5.2mb
MUN	35.38	195	eP	02	41.00	1.1
NWAO	36.03	193	eP	02	46.00	0.6
STK	36.76	158	eP	02	50.00	-1.5
ADE	38.68	164	eP	03	09.30	1.7
BRS	38.75	141	iPc	03	06.20	-2.1
BJI	38.84	347	eP	03	10.00	1.2
YOU	41.67	152	eP	03	31.80	-0.5
CAN	42.82	153	eP	03	41.10	-0.6
WAM	43.49	154	eP	03	47.50	0.5
SBA	82.84	172	e(P)	08	10.30	3.2X

S.D. = 1.3 on 18 of 20 obs.

SEP 29, 1985 05h 28m 18.94± 0.56s
23.288 S ± 5.7km 179.241 E ± 5.8km
DEPTH = 541.2 ± 6.3 km
4.9mb (12 obs.)
SOUTH OF FIJI ISLANDS (171)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 28C
Centroid Location:
Origin Time 05:28:25.2 0.3
Lat 23.28S 0.05 Lon 179.18E 0.04
Dep 566.2 1.9 Half-duration 2.3
Moment Tensor; Scale 10**24 D-CM
Mrr=-2.38 0.07 Mtt= 0.86 0.13
Mff= 1.52 0.13 Mrt= 1.25 0.11
Mrf= 0.16 0.12 Mtf=-1.52 0.10
Principal Axes:

	Val=	Plg=	Azm=
T	2.84	8	49
N	0.08	22	315
P	-2.91	66	157

Best Double Couple:Mo=2.9*10**24

NP1:Strike=	162	Dip=42 Slip= -56
NP2:	300	56 -117

SVA	5.20	352	ePd	29	51.00	0.4
			eS	31	05.80	
VUN	5.30	352	iPd	29	51.00	-0.6
			eS	31	07.00	
NDF	5.75	343	iP	29	54.10	-1.5
NOU	11.84	272	iPc	30	57.00	0.6
			iS	33	18.90	
DZM	11.88	273	iPc	30	57.90	1.0
			iS	33	19.30	
CRZ	12.50	206	P	31	06.30	3.3X
AFI	12.62	44	P	31	01.00	-3.5X
			S	33	12.00	
KOU	14.15	278	iPc	31	22.70	3.0X
KRP	14.93	191	P	31	31.00	3.5X
			S	34	10.00	
GNZ	15.34	184	P	31	31.00	-0.5
			S	34	06.00	
MNG	17.57	190	P	31	51.60	-1.6
			S	34	44.00	
			ScP	38	47.00	
WEL	18.33	191	eP	32	03.00	2.4
TCW	18.35	192	P	31	59.00	-1.8
			S	34	52.00	
MSZ	23.26	201	P	32	48.00	2.1
			S	36	24.00	
BRS	24.25	255	iPc	32	55.70	0.6
COO	25.40	247	eP	33	06.00	0.7
RMO	27.81	257	iPc	33	27.00	0.6
CAN	28.85	239	iPc	33	36.20	0.7
YOU	29.07	241	eP	33	38.10	0.7
WAM	29.20	237	eP	33	39.30	0.9
CMS	30.68	247	eP	33	51.00	-0.1
CTA	30.78	270	iPc	33	52.70	0.6
	0.7s		71.92nm			5.4mb
			iPcP	36	33.70	
			iS	38	16.80	
			iSS	41	04.00	
TOO	32.20	236	eP	34	05.00	1.1
STK	34.31	247	eP	34	22.00	0.3
ADE	37.04	242	iPc	34	44.90	0.7
ASPA	41.45	260	iPc	35	19.90	-0.1
			eS	40	54.00	
WB2	41.74	266	iPc	35	21.70	-0.6
			e	37	06.20	
WRA	41.75	266	Pd	35	21.90	-0.5
	0.7s		41.30nm			5.1mb
KNA	47.97	269	eP	36	10.00	-0.5
DRV	49.89	199	eP	36	22.90	-1.2
KLB	54.58	247	eP	36	58.00	-0.4
MBL	54.70	260	eP	36	58.00	-1.4
NWAO	54.86	245	eP	37	00.00	-0.4
SBA	54.95	183	iPd	37	01.00	0.7
	1.0s		18.00nm			4.4mb
BAL	55.61	248	eP	37	05.00	-0.7
MUN	55.84	246	eP	37	06.00	-1.2
MRWA	56.44	250	eP	37	10.00	-1.4
NAU	58.27	257	eP	37	23.30	-0.6
SPA	66.85	180	iPd	38	18.60	0.0
	0.9s		69.09nm			5.2mb
LEM	70.47	271	ePd	38	41.50	0.3
	0.6s		20.00nm			4.8mb
KGM	77.89	278	ePc	39	22.30	-0.2
MAW	78.08	201	eP	39	23.00	0.5
IPM	81.02	279	ePd	39	36.60	-2.3
	0.8s		38.00nm			5.0mb
BKS	81.98	43	eP	39	43.70	0.5
	0.9s		29.00nm			4.8mb
WHN	82.08	308	eP	39	42.50	-1.3
PSI	82.18	276	ePc	39	44.30	-0.4
PAS	82.45	48	eP	39	35.00	-10.6X
MWC	82.57	48	eP	39	46.00	-0.5
PLM	82.91	49	eP	39	48.00	-0.2
CN2	82.98	324	Pd	39	48.00	0.0
SBB	82.99	48	eP	39	48.00	-0.4

ISA	83.11	47	eP	39	49.00	0.0
JAS1	83.15	44	ePd	39	49.50	0.4
TIA	83.31	314	eP	39	50.90	1.0
			pP	41	43.70	512kmX
WDC	83.45	41	ePd	39	51.20	0.7
			e	41	50.50	
ORV	83.45	42	eP	39	51.00	0.5
			e	41	50.20	
CLC	83.78	47	eP	39	53.00	0.7
MIN	83.87	41	eP	39	52.70	-0.1
TPC	83.89	49	eP	39	55.00	2.1
GSC	84.03	48	eP	39	54.00	0.4
GLA	84.17	50	eP	39	55.00	0.7
NOP	84.92	47	iP	39	57.50	-0.4
NNT	85.51	286	eP	40	02.20	1.2
BJI	86.11	317	eP	40	04.00	0.6
			e	42	02.00	
BMN	86.63	43	eP	40	06.20	0.1
			e	41	07.00	
EUR	86.90	45	iP	40	07.20	-0.3
	0.2s		10.61nm			5.2mb
TIY	87.26	313	P	40	10.00	0.9
XAN	87.82	309	eP	40	11.80	0.1
KMI	88.36	298	eP	40	15.00	0.3
			pP	42	13.50	535kmX
PNT	90.39	35	eP	40	23.00	-0.2
	0.9s		14.00nm			4.9mb
LTX	90.70	58	eP	40	26.10	0.9
	1.0s		6.20nm			4.6mb
			e	42	28.00	
ALQ	91.13	52	eP	40	26.80	-0.4
	1.0s		6.25nm			4.6mb
			epP	42	29.00	553kmX
COL	91.52	13	e(P)	40	27.00	-1.0
BDW	92.74	44	eP	40	34.00	-0.4
	0.9s		3.08nm			4.4mb
			e	42	35.50	
TPZ	102.68	120	Pdiff	41	30.00	10.1X
CNCB	103.18	115	iPdiff	41	27.90	5.5X
LPB	103.22	115	Pdiff	41	31.20	8.8X
ZOBO	103.32	114	iPdiff	41	33.80	10.7X
CCH	104.42	116	(Pdiff	41	45.00	17.4X
BAO	119.75	125	e(PKP)	46	08.00	-1.7
DAG	125.73	5	iPKPc	46	16.40	-3.0
	0.5s		4.93nm			
BUL	128.19	216	iPKPc	46	25.70	-0.2
			eSKP	48	55.90	
SOB1	129.16	125	ePKP	46	26.20	-1.6
			e	46	27.80	
			e	48	37.50	
			e	48	56.80	
KEV	130.67	348	ePKP	46	19.00	-9.9X
			e	46	25.00	
			eSKP	49	02.20	
ITR	131.30	126	ePKP	46	30.10	-1.7
			e	49	04.90	
LSZ	132.35	219	iPKP	46	34.50	0.6
			i	49	11.50	
SOD	132.72	346	ePKP	46	33.00	0.1
KJF	135.01	343	ePKP	46	30.00	-7.3X
	0.5s		12.60nm			
			i	46	36.20	
			iSKP	49	16.70	
SUF	136.61	342	ePKP	46	32.00	-8.4X
NUR	138.81	341	iPKP	46	44.10	-0.4
	0.8s		13.20nm			
NB2	141.37	351	PKP	46	43.20	-6.0X
	0.5s		4.20nm			
LWI	141.62	233	iPKPc	46	47.70	-3.6X
HFS	141.81	348	ePKP	46	44.20	-5.7X
	0.6s		11.60nm			
MUD	146.07	350	iPKPc	46	58.40	1.3
	1.3s		37.00nm			
EDU	146.74	2	iPKPd	47	00.00	1.8
			e	49	10.10	
MGI	146.86	294	iPKP	47	02.50	3.3X
EBH	147.02	3	iPKPd	47	00.90	2.2
			e	49	11.50	
EAB	147.03	4	iPKPd	47	00.80	2.1
			e	49	11.30	
JER	147.13	293	ePKP	47	03.50	3.8X
EDI	147.36	3	ePKPd	47	01.40	2.2
ESY	147.38	2	iPKPd	47	01.80	2.5X
			e	49	12.40	
PRNI	147.42	290	iPKP	47	03.50	3.3X
EAU	147.42	3	iPKPd	47	02.10	2.8X
			i	49	13.00	

29d 05h

EBL	147.51	2	iPKPd	47	02.30	2.8X
			e	49	13.10	
EKA	147.95	3	PKPd	47	02.90	2.7X
	1.1s	27.40nm				
KRA	148.76	334	ePKP	47	06.40	4.8X
	1.1s	62.00nm				
			e	47	13.40	
MLR	149.01	322	ePKP	47	02.00	-0.3
SPC	149.30	333	ePKP	47	08.60	5.9X
			e	49	13.90	
KSP	149.47	339	iPKPd	47	07.50	4.8X
	1.0s	86.00nm				
			e	49	14.00	
WIT	149.98	351	ePKP	47	04.00	0.7
			e	47	08.50	
			epPKP	49	14.00	
			e	49	20.00	
CLL	150.07	343	ePKP	47	04.00	0.5
BRG	150.19	341	iPKP	47	03.50	-0.2
			id	47	09.20	
			i	47	17.00	
			ipPKP	49	16.20	
WTS	150.75	350	ePKP	47	04.50	0.0
	0.9s	69.00nm				
			i	47	10.60	
			e	47	19.50	
			epPKP	49	17.00	
			e	49	22.00	
PRU	150.78	340	PKPd	47	11.00	6.3X
	1.0s	24.60nm				
			e	47	21.00	
			e	49	22.70	
MOX	151.04	344	ePKP	47	05.00	-0.1
	1.8s	77.00nm				
			i	47	11.00	
			e	49	18.00	
SRO	151.18	333	ePKP	47	11.60	6.3X
			e	49	23.80	
ZST	151.37	335	ePKP	47	05.90	0.3
			e	47	12.60	
			e	47	23.30	
			e	49	17.30	
			e	49	25.60	
KHC	151.83	340	iPKPc	47	06.20	-0.1
			i	47	13.00	
			i	47	25.40	
			e	48	08.00	
			e	49	20.90	
GRF	152.02	343	ePKP	47	06.50	0.0
			id	47	13.70	
			e	47	26.30	
ENN	152.08	351	ePKP	47	06.50	0.0
	0.9s	17.00nm				
			e	47	13.50	
			i	47	25.50	
			epPKP	49	17.50	
			e	49	26.00	
MEM	152.22	351	PKPc	47	13.80	7.1X
			e	47	26.00	
			e	49	25.00	
SNF	152.54	353	PKP	47	14.70	7.5X
			e	47	27.60	
			e	49	26.20	
DOU	152.92	352	PKPc	47	15.30	7.6X
			e	49	26.70	
VAY	153.45	318	ePKP	47	15.30	6.6X
			i	47	32.00	
BNG	153.55	228	iPKPd	47	08.80	-0.9
	0.8s	13.00nm				
			id	47	09.00	
			id	47	33.00	
KBA	153.70	338	iPKP	47	07.80	-1.3
	1.2s	16.70nm				
			i	47	33.80	
			i	48	28.70	
			i	49	29.40	
			i	49	33.20	
SKO	153.74	320	ePKP	47	08.00	-1.1
			i	47	16.00	
			i	47	34.00	
			i	49	24.50	
LJU	154.14	335	ePKP	47	08.30	-1.2
			e	49	22.10	
VOY	154.39	336	ePKP	47	09.00	-1.0
			e	49	18.30	
OHR	154.65	320	ePKP	47	09.50	-0.9
			i	47	37.60	
			i	49	21.00	
KIC	162.74	167	ePKP	47	20.00	-0.3
			e	48	13.10	
IFR	169.11	20	iPKP	47	26.50	1.5

S.D. = 1.0 on 100 of 132 obs.

• SEP 29, 1985 05h 45m 50.06± 0.54s
15.817 S ± 7.8km 166.617 E ±11.0km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
VANUATU ISLANDS (186)

PVC	2.51	140	iPc	46	29.00	-0.4
			iS	47	00.50	
KOU	5.22	205	iPc	47	07.90	0.1
			iS	48	06.60	
DZM	6.22	181	iPd	47	21.10	-1.0
			iS	48	32.20	
NOU	6.46	181	iPc	47	24.60	-0.8
			iS	48	36.30	
VSG	9.38	313	P	48	05.00	-1.1
SVD	9.38	314	eP	48	05.00	-1.0
			eS	49	51.00	
CTA	19.83	255	iP	50	22.70	1.6
	1.0s	17.50nm			4.3mb	
YOU	24.64	218	eP	51	11.20	2.2
WB2	30.95	258	eP	52	05.20	-1.3
WRA	30.96	258	Pd	52	13.10	6.5X
	0.5s	1.50nm			4.0mb	
ASPA	31.71	251	eP	52	12.00	-1.2
COL	87.57	18	eP	58	34.00	-1.7
SOB1	143.12	131	ePKP	05	32.30	8.9X
ITR	145.20	133	ePKP	05	24.60	-2.3
FLN	145.48	345	ePKP	05	26.50	0.1
LOR	145.53	339	ePKP	05	26.60	0.1
LDF	145.55	344	ePKP	05	26.80	0.3
LBF	145.74	339	ePKP	05	27.40	0.5
SSF	145.83	339	ePKP	05	27.80	0.8
LPG	145.92	334	ePKP	05	28.80	1.2
GRR	145.92	345	ePKP	05	28.50	1.4
SMF	146.08	339	ePKP	05	28.80	1.3
AVF	146.12	339	ePKP	05	28.80	1.3
LPF	146.30	345	ePKP	05	29.20	1.5X
BGF	146.49	340	ePKP	05	30.40	2.3X
BNG	146.65	254	iPKPd	05	32.60	3.2X
	0.5s	5.00nm				
			id	05	44.80	
MZF	146.88	340	ePKP	05	32.20	3.4X
LSF	147.20	341	ePKP	05	32.80	3.5X
MFF	147.38	343	ePKP	05	33.40	3.9X

S.D. = 1.3 on 21 of 29 obs.

? SEP 29, 1985 06h 07m 54.08± 1.11s
39.363 N ±18.9km 75.916 E ±26.2km
DEPTH = 10.0km (geophysicist)
4.5mb (5 obs.)
SOUTHERN XINJIANG, CHINA (321)

NDI	10.71	174	eP	10	30.50	0.0
			eS	12	25.00	
KKN	13.92	143	eP	11	13.60	-0.3
	0.5s	6.00nm			4.7mb	
DMN	14.00	144	eP	11	15.50	0.6
	0.5s	6.00nm			4.6mb	
PKI	14.17	143	eP	11	17.00	-0.2
	0.5s	6.00nm			4.6mb	
HFS	43.31	320	(P)	16	01.90	4.6X
	0.5s	2.40nm			4.2mb	
NB2	44.52	321	P	16	07.20	0.0
	0.6s	1.10nm			3.9mb	

S.D. = 0.5 on 5 of 6 obs.

• SEP 29, 1985 06h 35m 05.89± 0.48s
10.807 N ± 9.9km 140.604 E ±10.5km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
WEST CAROLINE ISLANDS (209)

PJG	5.00	56	eP	36	20.90	0.2
GUA	5.01	57	e(P)	36	20.10	-0.7
	0.7s	82.19nm			5.3mb	X
			e(S)	37	17.20	
MAN	19.42	283	eP	39	32.50	-0.1
WB2	31.17	191	eP	41	24.00	-0.3
WRA	31.17	191	Pd	41	23.70	-0.6
	0.9s	6.00nm			4.4mb	
BAL	47.15	208	eP	43	37.00	-0.1
KLB	47.50	207	eP	43	40.6	0.1
MSZ	60.50	158	eP	45	15.?	0.0
INK	78.51	22	eP	47	04.60	-1.1
MBC	81.96	14	eP	47	23.00	-3.3
PNT	88.19	40	eP	47	56.00	1.1
LPB	151.56	105	ePKP	54	55.00	1.8
			i	55	01.70	
ZOBO	151.57	104	iPKP	55	01.50	8.0X
	0.8s	11.29nm				
CNCB	151.63	105	ePKP	54	56.00	2.5X
			i	55	02.00	
TPZ	152.63	116	PKP	55	04.60	10.0X
CCH	153.27	107	PKP	55	03.80	8.3X

S.D. = 0.8 on 12 of 16 obs

SEP 29, 1985 07h 06m 02.26± 0.38s
52.260 N ± 8.1km 173.685 E ± 5.4km
DEPTH = 33.0km (normal)
4.8mb (40 obs.)
NEAR ISLANDS, ALEUTIAN ISLANDS (5)
ML 4.5 (PMR). Felt (IV) on Shemya.

SMY	0.54	28	eP	06	15.30	1.9
SDN	15.53	68	eP	09	44.30	4.2X
TTA	19.23	44	eP	10	22.50	-3.7X
IMA	21.36	37	eP	10	48.70	0.1
PME	22.09	50	eP	10	55.40	-0.4
COL	23.28	42	eP	11	08.00	0.6
FBA	23.28	42	eP	11	08.30	0.9
INK	29.49	37	eP	12	06.00	1.0
MBC	34.57	23	eP	12	49.00	-0.3
YKA	37.98	46	eP	13	20.30	2.1
PNT	40.93	67	eP	13	43.00	0.2
	0.8s	10.00nm			4.6mb	
EDM	42.39	59	eP	13	55.00	0.2
ALE	42.54	9	eP	13	55.00	-0.6
	0.5s	7.00nm			4.6mb	
NEW	42.88	67	eP	13	59.20	0.3
EUR	48.74	76	eP	14	45.50	-0.2
	0.7s	4.59nm			4.6mb	
			e	14	54.70	
BDW	50.39	68	eP	14	58.20	-0.2
	1.0s	4.00nm			4.4mb	
DAG	51.00	4	iPd	15	00.30	-1.9
	0.3s	9.09nm			5.2mb	
RSON	53.67	52	iP	15	22.10	-0.4
	1.0s	10.00nm			4.8mb	
FRB	54.61	29	eP	15	28.00	-1.2
KEV	55.90	347	eP	15	48.00	9.5X
SOD	58.15	346	iP	15	53.20	-1.3
KJF	60.90	344	iP	16	11.80	-1.7
	0.8s	20.50nm			5.3mb	
SCH	62.10	35	eP	16	20.50	-1.3
SUF	62.54	344	iP	16	23.00	-1.5
	0.6s	15.90nm			5.3mb	
TUL	62.87	66	eP	16	24.40	-2.6
	1.3s	3.00nm			4.3mb	
LTX	63.06	76	iP	16	28.50	0.0
RLO	63.11	65	eP	16	26.80	-1.9
BHO	64.50	66	e(P)	16	37.70	0.0
NUR	64.87	344	iP	16	38.80	-1.0
	0.7s	20.00nm			5.3mb	
SHL	65.31	280	P	16	42.30	-1.0
NAO	66.43	351	P	16	48.10	-1.7
	0.9s	16.90nm			5.1mb	
HFS	66.81	349	eP	16	50.50	-1.7
	0.4s	14.00nm			5.4mb	
KKN	67.61	287	iPc	16	58.00	0.0
	0.7s	34.00nm			5.6mb	
PKI	67.69	286	iPc	16	58.60	-0.1
	0.7s	39.00nm			5.6mb	
DMN	67.84	287	iPc	16	59.70	0.2
	0.7s	27.00nm			5.5mb	
EKA	72.74	358	Pc	17	27.70	-0.7
	0.7s	7.40nm			4.8mb	
WIT	74.73	352	eP	17	42.00	2.0
WTS	75.53	352	eP	17	44.00	-0.6
	0.8s	8.00nm			4.8mb	
			e	18	00.00	
KRA	75.66	343	eP	17	45.80	0.4
BRG	75.82	347	iP	17	45.90	-0.4
	0.9s	10.00nm			4.8mb	
QUE	76.03	301	eP	17	47.40	-0.7
PRU	76.60	346	eP	17	50.50	-0.2
ENN	76.83	352	ePd	17	52.00	0.1
	0.9s	17.00nm			5.1mb	

e 18 03.00
MEM 76.98 352 Pd 17 52.90 0.2
KHC 77.58 347 iPc 17 56.50 0.3
1.0s 10.00nm 4.8mb
DOU 77.60 353 Pc 17 56.00 -0.2
ZST 77.95 344 eP 17 59.50 1.4
MLR 78.75 337 eP 18 04.00 1.2
e 45 53.00
CDF 79.04 351 eP 18 04.20 0.0
FLN 79.23 356 eP 18 04.90 -0.2
0.8s 6.70nm 4.7mb
LDF 79.39 356 eP 18 05.70 -0.3
0.8s 5.30nm 4.6mb
HYB 79.50 285 eP 18 07.00 -0.1
HAU 79.53 351 eP 18 07.10 0.3
KBA 79.62 346 iPc 18 08.30 0.8
0.8s 24.30nm 5.3mb
i 18 10.30
GRR 79.62 356 eP 18 07.20 0.0
0.6s 9.30nm 5.0mb
WB2 79.64 217 eP 18 08.70 1.0
WRA 79.65 217 Pc 18 08.90 1.2
0.7s 4.60nm 4.6mb
BSF 79.66 351 eP 18 07.50 -0.1
0.8s 7.40nm 4.7mb
LPF 79.99 356 eP 18 09.30 0.1
LOR 80.47 353 eP 18 11.80 0.0
0.9s 6.50nm 4.6mb
SSF 80.70 353 eP 18 13.30 0.3
0.7s 3.70nm 4.5mb
LBF 80.74 353 eP 18 13.10 -0.2
AVF 80.98 353 eP 18 14.80 0.3
0.8s 4.50nm 4.5mb
SMF 81.09 353 eP 18 15.30 0.2
0.8s 3.20nm 4.4mb
MFF 81.38 356 eP 18 16.90 0.3
0.6s 3.60nm 4.6mb
POO 81.40 289 iPd 18 18.30 1.1
TCF 81.56 354 eP 18 17.90 0.3
0.6s 1.60nm 4.2mb
MZF 81.61 354 eP 18 18.30 0.5
0.7s 3.60nm 4.5mb
LSF 81.64 355 eP 18 18.20 0.2
0.8s 3.70nm 4.5mb
LPG 81.98 351 eP 18 20.70 0.6
0.8s 6.40nm 4.7mb
CAF 82.93 354 eP 18 25.40 0.7
0.8s 5.90nm 4.7mb
LFF 82.99 355 eP 18 25.40 0.4
GBA 83.15 283 P 18 26.00 -0.2
LPO 83.22 355 eP 18 26.70 0.5
0.6s 7.20nm 5.0mb
CDR 83.88 351 ePc 18 30.50 0.9
LRG 84.04 351 eP 18 31.00 0.7
0.6s 3.60nm 4.7mb
LMR 84.14 351 eP 18 31.80 0.9
CVF 84.64 349 eP 18 34.00 0.6
0.9s 12.10nm 5.1mb
EPF 84.91 355 eP 18 35.00 0.2
0.8s 2.60nm 4.5mb
MLS 84.95 355 eP 18 35.70 0.8
MAW 144.32 218 ePKP 25 34.00 -0.9
S.D. = 0.9 on 78 of 81 obs.

% SEP 29, 1985 07h 32m 08.04± 0.84s
39.392 N ± 7.5km 27.896 E ± 7.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.61 69 iPg 32 20.10 -0.2
iSg 32 29.10
KCT 0.93 22 iPg 32 25.90 0.2
iSg 32 40.90
EDC 0.95 359 iPg 32 26.30 0.1
iSg 32 39.80
IZM 1.11 207 iPn 32 29.00 0.1
EZN 1.29 290 ePn 32 31.70 -0.2
S.D. = 0.3 on 5 of 5 obs.

SEP 29, 1985 07h 44m 12.27± 0.59s
39.214 N ± 5.8km 23.835 E ± 5.7km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.2 (ATH).

ATH 1.24 184 ePb 44 34.70 -0.7
eSg 44 50.80

PRK 1.89 88 ePn 44 45.80 0.9
KZN 1.93 305 ePn 44 45.50 0.0
eSg 45 15.50
EZN 2.02 72 ePn 44 46.70 0.0
VAY 2.32 336 iPn 44 51.60 0.6
MMB 2.37 358 iPc 44 51.00 -0.9
KDZ 2.69 25 iP 44 56.00 -0.3
VLS 2.74 249 ePg 45 04.50 7.4X
IZM 2.80 106 ePn 44 57.50 -0.5
PLD 2.96 13 ePg 45 13.00 12.8X
OHR 3.00 310 ePn 45 02.00 1.2
DIM 3.13 25 iPd 45 14.00 11.5X
EDC 3.30 69 ePn 45 14.80 9.7X
SKO 3.30 327 ePn 44 59.00 -6.1X
VTS 3.42 352 iP 45 06.00 -0.6
KCT 3.64 72 ePn 45 27.00 17.2X
DST 3.73 82 ePn 45 12.10 0.9
PVL 4.06 14 eP 45 15.00 -0.7
YLV 4.47 71 ePn 45 32.00 10.3X
HRT 4.76 68 eP 45 46.00 20.2X
S.D. = 0.8 on 12 of 20 obs.

? SEP 29, 1985 08h 50m 33.05± 0.99s
42.725 S ±16.3km 83.460 W ±24.2km
DEPTH = 10.0km (geophysicist)
4.5mb (1 obs.)
WEST CHILE RISE (686)

VCA 18.62 46 ePd 54 54.00 1.3
YJA 25.39 42 ePc 56 03.60 1.0
TPZ 25.88 41 P 56 08.60 1.5
CNCB 29.01 32 P 56 36.20 0.4
LPB 29.22 31 P 56 37.00 -0.5
CCH 29.25 36 eP 56 42.00 4.3X
ZOBO 29.45 31 eP 56 39.00 -0.8
LR 05 06.00
BAO 40.60 59 e(P) 58 13.50 -1.2
SPA 47.47 180 e(P) 59 10.10 0.4
SOB1 49.96 61 eP 59 28.20 -1.1
ITR 51.90 63 eP 59 42.70 -1.3
e 59 49.30
ALQ 80.10 341 eP 02 44.00 -0.6
1.1s 6.96nm 4.5mb
GBA 146.62 145 PKP 10 16.00 0.9
0.7s 2.10nm
S.D. = 1.2 on 12 of 13 obs.

? SEP 29, 1985 08h 59m 41.10± 7.27s
16.067 N ±73.6km 99.987 W ±71.3km
DEPTH = 33.0km (normal)
4.0mb (2 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III 2.35 12 iP 00 19.50 1.1
iS 00 56.00
TPM 3.03 17 iP 00 27.00 -1.0
OXM 3.22 5 iP 00 29.00 -1.9
UNM 3.34 13 iP 00 34.20 1.7
iS 01 21.00
TAC 3.40 13 eP 00 34.00 0.5
eS 01 24.00
BHO 18.81 13 e(P) 04 07.50 7.1X
TUL 20.11 10 eP 04 13.80 -1.2
0.7s 6.10nm 4.0mb
RLO 20.50 12 eP 04 22.80 3.8X
BDW 27.86 345 eP 05 30.00 0.0
1.0s 2.60nm 3.9mb
LRM 31.45 343 eP 06 02.70 0.7
S.D. = 1.5 on 8 of 10 obs.

SEP 29, 1985 09h 51m 41.57± 0.81s
41.468 N ± 9.6km 22.264 E ± 6.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
Felt (IV) in the Demir Kopijo-
Negotino area.

VAY 0.27 122 iPgc 51 46.70 -0.6
iSg 57 50.40
SKO 0.80 309 iPg 51 56.30 -0.7
i 51 57.40
iSg 52 07.00
OHR 1.16 253 iPnd 52 03.90 0.6
iSn 52 20.10
VTS 1.33 31 iPgd 52 06.00 0.0
PLD 1.93 70 iPd 52 16.00 1.2
KDZ 2.32 85 iP 52 20.00 -0.4

DIM 2.55 76 eP 52 28.00 4.4X
PVL 2.73 51 iPc 52 31.00 4.7X
EZN 3.50 117 ePn 52 42.00 4.9X
MLR 4.83 32 eP 52 51.00 -5.2X
S.D. = 1.0 on 6 of 10 obs.

• SEP 29, 1985 10h 55m 25.46± 0.92s
36.672 N ±15.1km 71.032 E ±13.1km
DEPTH = 33.0km (normal)
4.4mb (5 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE 7.31 209 eP 57 13.00 0.2
eS 58 30.00
NDI 9.52 145 e(P) 57 32.00 -11.2X
iS 59 23.00
DMN 14.95 123 eP 58 56.80 0.5
0.6s 17.00nm 4.5mb
KKN 14.95 122 eP 58 56.80 0.6
0.6s 20.00nm 4.6mb
PKI 15.17 123 eP 58 59.90 0.6
0.6s 14.00nm 4.4mb
HFS 42.95 322 eP 03 23.10 0.5
0.4s 1.60nm 4.1mb
NAO 44.43 323 P 03 35.00 0.4
0.4s 0.90nm 4.0mb
WB2 82.07 122 eP 07 41.20 -2.8
S.D. = 1.5 on 7 of 8 obs.

SEP 29, 1985 11h 08m 00.64± 0.81s
41.470 N ± 8.8km 22.371 E ± 6.4km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

VAY 0.21 135 iPg 08 05.60 0.4
iSg 08 08.20
SKO 0.86 306 ePg 08 18.00 0.8
eSg 08 28.20
MMB 1.03 83 iPgc 08 20.00 -0.1
OHR 1.24 254 iPn 08 23.00 -0.7
iSn 08 39.60
VTS 1.29 28 iPd 08 24.00 -0.5
PLD 1.86 69 iP 08 37.00 4.3X
KDZ 2.24 85 eP 08 42.00 3.6X
DIM 2.47 75 ePg 08 46.00 4.4X
PVL 2.67 50 iPd 08 50.00 5.6X
S.D. = 0.9 on 5 of 9 obs.

• SEP 29, 1985 12h 33m 39.15± 0.68s
10.024 S ± 9.4km 107.648 E ±11.8km
DEPTH = 33.0km (normal)
4.6mb (6 obs.)
SOUTH OF JAVA (282)

LEM 3.18 359 ePc 34 29.50 1.4
TRT 5.44 65 ePd 34 59.50 -0.6
iS 35 52.00
NAU 14.55 150 eP 37 06.00 1.4
0.2s 10.00nm 5.0mb
eS 39 36.00
IPM 15.94 335 ePd 37 22.00 -0.7
MBL 16.12 135 eP 37 24.00 -1.0
0.4s 6.00nm 4.1mb
eS 40 11.00
MEK 19.45 149 eP 38 10.00 3.9X
0.5s 10.00nm 4.3mb
eS 41 35.00
KMI 35.26 352 eP 40 33.50 0.3
PKI 43.14 331 eP 41 38.70 -0.1
0.6s 5.00nm 4.4mb
DMN 43.32 330 eP 41 40.20 0.0
0.6s 10.00nm 4.7mb
KKN 43.39 331 eP 41 40.60 -0.1
0.8s 12.00nm 4.7mb
SHI 66.10 309 e(P) 44 25.00 -0.7
S.D. = 1.0 on 10 of 11 obs.

• SEP 29, 1985 12h 48m 43.47± 0.71s
20.872 S ± 5.6km 69.072 W ± 9.9km
DEPTH = 139.8 ± 8.9 km
4.2mb (2 obs.)
NORTHERN CHILE (123)

ANT 3.08 204 iPd 49 29.30 -2.8
iS 49 55.50
TPZ 3.19 101 iPc 49 37.00 3.1X
YJA 3.57 112 iPc 49 40.90 2.0

29d 12h

			S	50	21.00	
HJA	4.12	125	ePd	49	47.60	1.7
CNCB	4.17	15	iP	49	47.20	0.1
LPB	4.41	12	Pd	49	50.20	0.0
	1.0s	520.00nm				
			i	49	51.30	
			(S)	50	42.00	
CCH	4.44	39	P	49	50.00	-0.4
ZOBO	4.67	11	P	49	53.80	0.1
	1.0s	150.00nm				
			LR	51	44.00	
ARE	4.95	332	iPc	49	52.70	-4.6X
			iS	50	44.00	
SLA	5.06	140	ePd	49	58.20	-0.4
ROCH	12.17	188	eP	51	34.50	1.0
PEL	12.31	186	eP	51	35.70	0.6
FCH	12.45	185	eP	51	38.50	1.2
BACH	12.50	185	iPc	51	37.70	0.1
PCH	12.76	185	eP	51	39.50	-1.6
VAO	20.61	100	eP	53	11.40	-2.1
			e	53	14.00	
			e	53	17.80	
			e	53	29.80	
BAO	20.68	79	e(P)	53	14.00	-0.3
ATB	23.97	45	Pc	53	46.00	-0.3
SOB1	29.52	71	eP	54	35.50	-1.5
			e	54	38.00	
			e	54	52.30	
ITR	31.91	72	eP	54	57.00	-0.9
SJG	38.85	4	iPd	55	55.30	-1.3
ALQ	65.89	327	eP	59	17.80	1.3
	0.8s	1.87nm			4.1mb	
MNT	66.18	357	eP	59	19.00	1.2
			pP	59	47.00	113kmX
KIC	68.68	74	eP	59	34.90	0.8
SPA	69.26	180	eP	59	40.50	3.4X
	1.0s	5.00nm			4.3mb	
EDM	83.13	335	eP	00	56.00	1.3
TOL	85.55	44	eP	01	10.00	3.0X
	S.D. = 1.4	on	23 of	27	obs.	

* SEP 29, 1985 13h 24m 50.78± 1.27s
12.425 N ± 7.9km 144.069 E ±10.7km
DEPTH = 41.9 ± 12.6 km
4.8mb (6 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUA	1.38	36	iP	25	13.80	-0.1
	0.6s	752.00nm				
GUMO	1.39	34	iP	25	13.90	-0.2
PJG	1.39	34	iP	25	14.00	-0.1
MAN	22.46	278	eP	29	49.00	1.2
CTA	32.38	176	eP	31	21.00	2.2
	1.0s	8.50nm			4.6mb	
WB2	33.56	197	eP	31	27.70	-1.4
WRA	33.56	197	Pc	31	27.80	-1.3
	0.5s	2.10nm			4.3mb	
BJI	36.89	323	eP	31	58.00	0.8
ASPA	37.22	196	eP	32	01.00	0.8
BRS	40.47	168	eP	32	27.00	-0.2
PKI	56.67	295	eP	34	32.80	-0.3
	0.5s	6.00nm			4.9mb	
KKN	56.80	295	eP	34	33.40	-0.4
DMN	56.94	295	eP	34	34.40	-0.5
HYB	63.25	233	eP	35	18.00	0.2
INK	75.73	22	eP	36	33.00	-0.5
MBC	79.58	14	iPc	36	54.70	0.1
	0.7s	12.00nm			5.0mb	
PNT	84.76	41	eP	37	22.00	0.0
	0.7s	5.00nm			4.8mb	
NEW	86.61	41	eP	37	32.50	1.3
	0.9s	12.20nm			5.1mb	
EDM	87.54	36	eP	37	36.00	0.4
KIC	143.81	299	ePKP	44	22.30	-1.9
	S.D. = 1.0	on	20 of	20	obs.	

? SEP 29, 1985 14h 22m 56.61± 1.26s
35.004 S ±12.2km 179.724 W ±22.3km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.06	206	P	23	59.50	1.6
			S	24	52.00	
KRP	4.80	231	P	24	16.00	7.5X
			S	25	16.30	
CRZ	6.28	273	P	24	34.80	5.4X
MNG	6.77	213	eP	24	36.00	-0.2
			eS	25	53.00	
TCW	7.80	216	eP	24	48.00	-2.5
			S	26	18.00	
KOU	20.14	311	iPc	27	31.40	0.7
CTA	33.44	287	eP	29	38.00	3.4X
ASPA	41.65	273	iPc	30	44.30	0.7
WB2	43.04	278	iPc	30	55.00	0.0
WRA	43.05	278	Pd	30	55.50	0.4
	0.6s	7.90nm			4.6mb	
SPA	55.18	180	e(P)	32	30.50	2.3
BNG	145.19	213	iPKPd	42	31.30	-1.7
	0.7s	6.00nm				
			ic	42	34.00	
			id	48	41.10	
			ic	48	47.10	
KJF	146.34	339	iPKP	42	32.00	-1.3
	0.7s	12.00nm				
SUF	147.90	338	iPKP	42	36.00	0.1
	0.6s	6.60nm				
NUR	150.02	336	iPKP	42	42.40	3.2X
	0.9s	18.60nm				
KIC	151.12	170	ePKP	42	47.00	4.7X
			e	42	56.20	
HFS	153.38	345	ePKP	42	49.80	5.6X
	0.7s	2.10nm				
	S.D. = 1.6	on	11 of	17	obs.	

* SEP 29, 1985 14h 28m 59.77± 1.87s
35.164 S ±10.8km 178.672 W ±22.8km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.37	216	P	30	09.90	4.4X
			S	31	03.00	
KRP	5.41	238	P	30	22.00	1.7
			S	31	25.40	
MNG	7.14	219	P	30	44.90	0.3
			eS	32	04.00	
CRZ	7.15	273	P	30	45.00	0.3
TCW	8.20	220	eP	30	58.00	-1.4
			S	32	30.20	
NOU	18.25	311	iPc	33	14.00	1.8
DZM	18.43	311	iPc	33	14.70	0.2
KOU	20.90	310	iPc	33	41.20	-0.5
CTA	34.31	287	iPd	35	46.20	0.9
	0.9s	10.50nm			4.8mb	
ASPA	42.52	272	eP	36	53.00	-0.9
WB2	43.92	277	eP	37	03.30	-2.0
WRA	43.93	277	Pd	37	03.60	-1.8
	0.6s	10.00nm			4.8mb	
SPA	55.02	180	e(P)	38	31.50	1.3
KJF	146.79	339	iPKP	48	41.20	4.0X
	0.7s	12.00nm				
NUR	150.52	337	ePKP	48	52.00	8.9X
KIC	150.80	168	ePKP	49	04.30	19.3X
	S.D. = 1.4	on	12 of	16	obs.	

* SEP 29, 1985 14h 37m 22.73± 1.06s
35.002 S ± 9.8km 179.462 W ±17.0km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.16	208	P	38	26.00	0.6
			S	39	19.00	
KRP	4.97	233	P	38	39.00	1.9
			S	39	41.30	
CRZ	6.50	273	P	39	01.90	3.4X
MNG	6.89	214	eP	39	03.00	-1.0
			S	40	19.00	
TCW	7.92	217	eP	39	17.00	-1.5
			S	40	46.00	
MSZ	13.67	221	eP	40	24.00	-12.4X
NOU	17.66	312	iPc	41	30.00	2.2
DZM	17.84	313	iPc	41	31.00	0.8
KOU	20.30	311	iPc	41	57.40	-1.1
CTA	33.64	287	iPd	44	03.00	0.5
	1.0s	16.50nm			4.9mb	
ASPA	41.86	273	eP	45	11.00	-0.5
WB2	43.26	278	iPc	45	21.40	-1.5
WRA	43.26	278	Pc	45	21.30	-1.6
	0.6s	11.80nm			4.8mb	
SBA	43.37	184	e(P)	45	25.30	2.2
SPA	55.18	180	e(P)	46	55.00	0.6
BNG	145.31	213	iPKPd	56	57.20	-2.1
	1.1s	28.00nm				
			ic	57	03.30	
			id	57	10.00	
KJF	146.41	339	iPKP	56	58.20	-1.4
SUF	147.98	338	iPKP	57	01.80	-0.3
	0.7s	7.20nm				
NUR	150.11	336	iPKP	57	07.60	2.1
	0.8s	17.60nm				
			i	57	18.20	
KIC	151.08	169	ePKP	57	16.90	8.5X
			e	57	22.50	
NAO	153.32	349	PKP	57	14.00	3.8X
	1.1s	9.90nm				
HFS	153.44	345	ePKP	57	13.50	7.1X
	0.7s	2.80nm				
	S.D. = 1.6	on	17 of	22	obs.	

SEP 29, 1985 15h 53m 42.15± 0.41s
11.281 N ± 7.9km 139.966 E ± 6.3km
DEPTH = 33.0km (normal)
4.9mb (5 obs.)
WEST CAROLINE ISLANDS (209)

GUMO	5.31	64	eP	55	02.00	0.8
PJG	5.31	64	eP	55	02.00	0.8
GUA	5.33	65	eP	55	02.30	0.8
DAV	14.80	255	eP	57	14.00	3.0X
			eS	00	12.00	
MAN	18.71	282	eP	58	00.00	-0.3
BAG	19.50	287	eP	58	09.50	-0.3
			eS	01	47.00	
PPR	20.93	268	ePd	58	27.00	2.4
SHK	24.08	345	eP	58	56.60	1.0
SSE	26.29	321	eP	59	16.70	0.2
			e	04	08.00	
WB2	31.52	190	eP	00	03.00	-0.6
			e	02	34.50	
WRA	31.52	190	Pd	00	02.40	-1.2
	0.4s	1.60nm			4.2mb	
KMI	37.81	297	eP	01	00.00	2.3
NNT	39.36	276	eP	01	11.60	1.0
BRS	40.40	162	P	01	18.70	-0.3
YOU	46.01	170	eP	02	05.20	0.9
CAN	47.13	170	eP	02	14.00	0.8
PKI	53.53	296	eP	03	02.20	-0.3
	1.0s	22.00nm			5.1mb	
KKN	53.66	296	eP	03	03.00	-0.4
	1.0s	14.00nm			4.9mb	
DMN	53.80	296	eP	03	04.40	0.0
	1.0s	23.00nm			5.1mb	
QUE	69.80	298	eP	04	51.00	-0.9
COL	72.34	25	eP	05	05.00	-1.3
INK	78.31	22	eP	05	39.00	-1.2
MBC	81.65	14	eP	05	58.00	0.0
SOD	88.35	339	iP	06	31.10	-0.5
KJF	89.30	336	iP	06	34.80	-1.4
SUF	90.57	335	eP	06	40.00	-2.1
	0.5s	2.00nm			4.7mb	
	S.D. = 1.2	on	25 of	26	obs.	

? SEP 29, 1985 16h 39m 20.15± 1.64s
30.165 S ±14.9km 178.325 W ±24.3km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
KERMADEC ISLANDS (178)

CRZ	8.72	238	P	41	40.50	13.6X
GNZ	8.98	199	eP	41	31.00	0.5
			i	43	17.00	
			iS	43	21.00	
KRP	9.26	212	P	41	10.60	-23.8X
			S	43	35.00	
TCW	12.55	207	P	42	17.60	-1.5
			S	44	37.30	
MSZ	18.10	213	eP	43	32.00	1.5
CAN	27.88	251	eP	45	13.70	4.7X
WAM	28.01	249	eP	45	15.30	5.2X
YOU	28.39	253	eP	45	18.60	5.0X
CTA	33.48	279	iPd	46	00.40	1.8
	0.7s	6.85nm			4.7mb	
ASPA	42.84	267	eP	47	17.00	0.0
WB2	43.80	272	eP	47	23.30	-1.4
WRA	43.81	272	Pd	47	23.90	-0.9
	0.5s	11.40nm			4.9mb	
SBA	48.25	184	e(P)	48	00.10	0.8
SPA	60.00	180	e(P)	49	24.50	-1.3
BNG	149.85	215	iPKPd	59	04.80	0.6

0.5s 8.00nm
id 59 11.90
id 01 38.40
S.D. = 1.4 on 10 of 15 obs.

• SEP 29, 1985 17h 22m 41.78± 0.94s
64.260 N ±10.0km 151.169 W ± 9.8km
DEPTH = 10.0km (geophysicist)
CENTRAL ALASKA (1)
ML 3.4 (PMR).

COL	1.59	65	iP	23	09.70	-0.3
FBA	1.59	65	eP	23	09.40	-0.6
IMA	2.10	331	eP	23	19.50	1.9
TTA	2.54	241	eP	23	22.10	-1.7
PME	2.62	159	eP	23	28.20	0.6
TOA	3.13	131	eP	23	33.50	1.4
INK	8.17	52	eP	24	42.00	-1.1

S.D. = 1.6 on 7 of 7 obs.

& SEP 29, 1985 19h 04m 44.29s
62.542 N 151.543 W
DEPTH = 95.5km
CENTRAL ALASKA (1)
<AGS-P>.

SKT	0.56	179	iP	04	59.72	-0.6
			eS	05	11.40	
SUA	1.15	160	eP	05	05.66	-0.8
			eS	05	21.71	
PWA	1.19	138	eP	05	05.67	-1.2
CGLM	1.26	190	iP	05	07.10	-0.7
			eS	05	25.28	
SPU	1.39	190	iP	05	08.82	-0.5
GHO	1.45	121	eP	05	08.84	-1.3
			eS	05	30.40	
PLRM	1.48	129	eP	05	08.97	-1.5
			eS	05	30.46	
PME	1.50	127	eP	05	10.49	-0.1
PMS	1.61	143	eP	05	10.95	-1.1
			eS	05	31.77	
SML	1.68	115	iP	05	11.24	-1.8
			eS	05	36.78	
KNK	1.85	126	eP	05	15.12	-0.1
RDT	2.02	192	eP	05	17.67	0.2
SLKM	2.14	162	eP	05	18.66	-0.4
TOA	2.55	98	eP	05	22.82	-1.8
KLU	2.85	109	eP	05	25.65	-3.1
FID	3.01	124	eP	05	27.65	-3.2

16 obs. ossociated

SEP 29, 1985 19h 16m 08.58± 0.38s
23.564 S ± 4.3km 66.747 W ± 7.7km
DEPTH = 217.7 ± 5.6 km
4.5mb (2 obs.)
JUJUY PROVINCE, ARGENTINA (128)

HJA	1.28	74	iPc	16	43.20	0.8
			S	17	08.80	
SLA	1.63	136	iPd	16	45.80	0.3
			S	17	13.80	
YJA	1.80	40	iPd	16	47.00	-0.4
			S	17	14.00	
TPZ	2.30	25	iPd	16	53.90	1.7
FSA	2.60	165	iPd	16	56.20	1.2
			(S)	17	33.00	
ANT	3.37	267	iPc	17	03.50	-0.4
			iS	17	43.30	
CYA	4.94	170	iPc	17	24.80	1.6
VCA	5.32	194	ePc	17	29.80	1.6
			S	18	33.00	
CCH	6.18	5	iP	17	39.80	0.4
CNCB	6.82	350	iP	17	48.70	0.8
			iS	19	07.00	
LPB	7.11	349	iPd	17	52.00	0.5
	0.7s	184.93nm			5.4mb X	
			S	19	11.00	
ZOBO	7.37	350	iP	17	54.80	-0.3
	0.7s	98.75nm			5.1mb X	
			S	19	25.50	
RTMQ	8.09	192	e(P)	18	03.00	-1.0
RTCB	8.10	193	ePd	18	03.30	-0.8
CFA	8.12	189	ePc	18	03.00	-1.3
			S	19	30.00	
ZON	8.13	192	eP	18	03.00	-1.5
			eS	19	30.00	
ARE	8.35	327	iP	18	05.10	-2.6
			iS	19	34.50	
JACH	9.70	200	eP	18	26.00	1.3
ROCH	10.10	201	eP	18	29.50	-0.5
PEL	10.15	199	eP	18	29.50	-1.0
FCH	10.21	197	eP	18	32.00	0.4
BACH	10.29	198	ePd	18	32.00	-0.3
SAN	10.44	198	eP	18	34.00	-0.1
PCH	10.55	197	eP	18	35.50	-0.1
CHCH	10.88	197	eP	18	40.00	0.2
LNV	11.13	200	eP	18	42.50	-0.4
RFA	11.27	187	ePc	18	42.60	-2.1
VAO	18.18	92	eP	20	06.90	-0.8
			e	20	09.30	
			e	20	17.30	
			e	20	23.10	
			e	20	29.00	
BAO	19.34	69	iPc	20	18.90	-0.8
BMA	20.80	92	eP	20	33.90	-0.2
ATB	24.57	37	Pc	21	09.10	-1.1
SOB1	28.54	64	eP	21	44.70	-1.6
			e	21	47.40	
			e	21	55.50	
			e	21	59.30	
ITR	30.84	66	iPc	22	04.50	-2.0
SPA	66.58	180	iPd	26	39.90	2.7
	0.9s	25.91nm			5.0mb	
KIC	67.40	72	eP	26	42.20	-0.7
ALQ	69.31	326	eP	26	56.00	1.5
	1.0s	3.75nm			4.1mb	
SBA	74.16	190	e(P)	27	22.50	0.2
MAW	81.78	163	eP	28	07.00	3.2X
BUL	86.82	110	iPd	28	32.30	2.2
WB2	132.11	207	ePKP	35	00.50	2.0
			e	35	56.70	
GBA	144.72	100	PKP	35	22.00	0.5
HYB	146.98	94	ePKP	35	29.50	4.2X

S.D. = 1.3 on 40 of 42 obs.

• SEP 29, 1985 19h 27m 17.16± 0.36s
15.667 S ±13.9km 174.638 W ±11.6km
DEPTH = 33.0km (normal)
4.6mb (6 obs.) 4.3Msz (1 obs.)
TONGA ISLANDS (173)

SVA	7.04	249	eP	29	01.80	1.2
DZM	18.99	248	iPc	31	37.90	-0.9
NOU	19.05	247	iPc	31	38.20	-1.3
KOU	20.61	253	iPc	31	57.90	1.6
KRP	23.81	200	(P)	32	29.00	1.1
HNR	25.55	281	P	32	40.00	-4.8X
			S	37	16.00	
WRA	48.62	257	P	35	58.00	-2.1
	1.0s	3.00nm			4.3mb	
ASPA	48.90	252	eP	35	59.00	-3.2X
DRV	58.95	199	e(P)	37	15.50	0.2
SBA	62.89	184	e(P)	37	40.00	-1.9
PRI	72.48	43	ePc	38	46.60	3.8X
JAS1	73.67	42	ePc	38	50.20	0.7
WDC	73.93	39	eP	38	51.10	0.1
ORV	73.95	40	eP	38	51.70	0.6
SPA	74.43	180	eP	38	54.70	1.0
	0.8s	3.75nm			4.4mb	
BMN	77.14	41	eP	39	09.00	-0.4
EUR	77.43	43	iP	39	11.20	0.0
	0.3s	2.88nm			4.8mb	
LTX	81.75	57	eP	39	35.20	0.8
	1.0s	2.40nm			4.2mb	
Z	20s	0.12um			4.3Msz	
ALQ	81.89	50	eP	39	34.00	-1.2
	1.3s	10.58nm			4.7mb	
COL	82.88	11	eP	39	41.00	1.6
BDW	83.26	42	eP	39	40.00	-2.1
	1.0s	8.00nm			4.8mb	
BJI	84.79	314	eP	39	53.00	3.5X
SES	86.10	35	eP	39	54.00	-2.0
INK	88.81	14	eP	40	12.00	3.4X
CLL	143.92	352	e(PKP)	46	48.00	-2.7X
NAI	144.66	244	ePKP	46	50.00	-3.4X
MOX	144.75	353	e(PKP)	46	53.00	0.8
UCC	144.95	1	ePKP	46	53.00	0.5
PRU	144.97	350	PKP	46	51.00	-1.5
ENN	144.99	359	ePKP	46	54.00	1.5
	2.0s	42.00nm				
MEM	145.14	359	ePKP	46	54.00	1.2
SNF	145.23	1	ePKP	46	53.20	0.2
DOU	145.66	1	PKP	46	53.20	-0.5
			e	46	57.70	
GRF	145.73	353	ePKP	46	53.80	-0.1
KHC	145.96	350	PKPd	46	54.50	0.2
	1.0s	12.50nm				
ZST	146.15	346	ePKP	46	54.40	-0.2
SRO	146.20	344	ePKP	46	57.80	3.1X
FLN	146.65	7	ePKP	46	58.00	0.6
SOP	146.76	346	ePKP	46	55.40	-0.2
LDF	146.86	7	ePKP	46	56.70	1.0
GRR	146.97	8	ePKP	46	57.20	1.3
LPF	147.30	8	ePKP	46	58.30	1.9X
CDF	147.31	358	ePKP	46	58.50	1.9X
HAU	147.74	359	ePKP	46	59.50	2.3X
BSF	147.91	358	ePKP	47	00.00	2.4X
LOR	148.47	2	ePKP	47	01.50	3.1X
SSF	148.66	2	ePKP	47	02.00	3.3X
LBF	148.75	2	ePKP	47	02.30	3.4X
LJU	148.76	348	e(PKP)	46	57.00	-1.9
MFF	148.82	7	ePKP	47	03.60	4.7X
VOY	148.89	348	e(PKP)	47	02.00	2.8X
AVF	148.92	3	ePKP	47	02.40	3.3X
SMF	149.09	2	ePKP	47	03.10	3.7X
BGF	149.13	3	ePKP	47	03.30	3.9X
LSF	149.34	5	ePKP	47	04.20	4.4X
MZF	149.46	4	ePKP	47	04.10	4.1X
LPG	150.24	358	ePKP	47	05.00	3.5X
SKO	150.35	335	ePKP	47	06.00	4.6X
CAF	150.70	5	ePKP	47	08.40	6.5X
OHR	151.33	335	ePKP	47	05.00	2.0X

S.D. = 1.2 on 34 of 60 obs.

? SEP 29, 1985 20h 12m 58.76± 5.28s
13.116 S ±37.5km 115.474 E ±47.9km
DEPTH = 33.0km (normal)
3.3mb (1 obs.)
NORTHWEST OF AUSTRALIA (588)

MBL	9.02	153	eP	15	10.00	0.3
			eS	16	59.00	
NAU	9.38	180	eP	15	14.00	-0.7
			eS	17	06.00	
MEK	13.73	188	eP	16	14.00	0.5
			eS	18	51.00	
WRA	19.31	113	Pc	17	23.40	-0.8
	0.4s	0.80nm			3.3mb	
WB2	19.32	113	eP	17	19.70	-4.6X
BRS	37.60	118	eP	20	13.00	0.6

S.D. = 0.9 on 5 of 6 obs.

• SEP 29, 1985 20h 16m 16.96± 0.84s
6.166 S ± 9.4km 151.395 E ±12.7km
DEPTH = 65.4 ± 21.1 km
3.6mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	2.11	22	iPc	16	52.00	1.4
			iS	17	18.50	
KVG	3.62	350	eP	17	10.50	-1.3
BGA	3.76	90	eP	17	19.00	5.0X
			eS	18	12.00	
PAA	4.07	92	e(P)	17	18.00	-0.3
ALOA	4.23	194	eP	17	20.00	-0.4
LAT	4.39	263	eP	17	30.00	7.2X
PMG	5.30	232	eP	17	36.00	0.6
WB2	21.49	229	eP	21	02.80	0.6
WRA	21.50	229	Pd	21	01.70	-0.6
	0.6s	1.60nm			3.6mb	
ASPA	24.21	222	eP	21	32.00	3.2X

S.D. = 1.3 on 7 of 10 obs.

SEP 29, 1985 21h 34m 54.66± 0.54s
36.319 N ± 5.0km 120.276 W ± 5.4km
DEPTH = 10.0km (geophysicist)
CENTRAL CALIFORNIA (39)
ML 2.7 (BRK).

PRI	0.36	241	iP	35	01.70	-0.4
PHAM	0.49	192	eP	35	04.00	-0.7
FRI	0.81	34	eP	35	10.30	-0.1
SAO	1.04	296	iP	35	14.00	-0.3
SLD	1.07	315	eP	35	15.00	0.2
ARN	1.44	316	eP	35	21.00	0.2
WKTM	1.58	109	eP	35	21.50	-1.3
JAS1	1.61	356	iP	35	23.30	0.1
BLP	1.76	183	eP	35	27.00	1.7
VPEM	2.02	100	eP	35	30.00	0.6

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

29d 21h

* SEP 29, 1985 21h 50m 25.25± 0.78s
28.052 N ±12.7km 140.497 E ±13.2km
DEPTH = 33.0km (normal)
4.8mb (5 obs.)
BONIN ISLANDS REGION (212)

PJG	14.96	163	e(P)	53	57.00	1.0
SSE	17.07	285	P+	54	24.00	1.1
	6.0s		1.40nm			2.3mb X
	N 10s		0.90um			
			sP	55	40.00	
			S	57	52.00	
ANP	17.21	265	eP	54	30.00	5.2X
MDJ	18.69	335	eP	54	36.00	-6.9X
NJ2	19.15	287	Pd	54	50.00	1.5
SNY	19.48	319	Pd	54	50.00	-2.2
CN2	19.84	326	Pc	54	49.00	-7.0X
TIA	21.36	298	eP	55	07.20	-4.7X
BAG	21.74	242	eP	55	16.00	0.0
			eS	59	20.00	
BJI	23.35	307	eP	55	31.00	-0.5
			epP	56	12.00	216kmX
			eS	59	48.00	
DAV	25.19	217	eP	55	52.00	2.6X
			eS	00	20.00	
TIY	25.38	299	eP	55	50.00	-1.1
HHC	26.93	306	eP	56	05.80	0.3
XAN	27.63	290	eP	56	09.90	-2.0
BTO	27.96	305	iPc	56	15.00	0.1
LZH	31.93	294	eP	56	52.00	1.7
			ePP	57	56.00	
			eS	02	14.00	
CD2	32.02	284	eP	56	51.60	0.6
KMI	33.80	274	eP	57	05.00	-1.8
			PP	58	25.00	
GTA	35.41	299	P	57	15.70	-4.6X
			PP	58	39.50	
WMQ	44.80	305	eP	58	35.00	-2.8
			PP	00	22.00	
WB2	48.08	188	eP	59	02.00	-1.8
			i	59	06.80	
WRA	48.08	188	Pc	59	02.30	-1.5
	0.8s		3.70nm			4.5mb
PKI	48.36	283	eP	59	07.80	1.4
	1.0s		10.00nm			4.8mb
KKN	48.42	283	eP	59	08.50	1.8
	1.1s		27.00nm			5.2mb
DMN	48.61	283	eP	59	10.00	1.8
	0.8s		20.00nm			5.2mb
ASPA	51.81	188	eP	59	35.00	2.8X
KSH	53.81	300	Pc	59	49.00	1.9
NDI	55.07	287	eP	59	55.00	-1.4
			eS	07	44.00	
			eSS	11	28.00	
QUE	63.21	292	eP	00	52.50	-0.4
NEW	77.21	42	eP	02	18.00	0.4
SES	79.61	38	eP	02	16.50	-14.2X
BDW	84.57	44	eP	02	57.00	0.2
	1.0s		2.20nm			4.3mb
ZOBO	151.09	72	PKP	10	13.30	1.5
	1.1s		8.70nm			
LPB	151.24	73	ePKP	10	16.00	4.2X
CNCB	151.47	73	PKP	10	17.00	4.7X
TPZ	155.34	86	(PKP)	10	12.00	-5.3X
	S.D. = 1.5		on 25 of 36 obs.			

? SEP 29, 1985 22h 48m 11.41± 6.15s
5.514 S ±46.8km 129.408 E ±52.7km
DEPTH = 219.8 ± 26.8 km
4.5mb (1 obs.)
BANDA SEA (280)

SLKI	3.09	143	eP	49	03.90	0.4
			iS	49	26.50	
TLE	3.33	92	ePc	49	06.20	-0.1
			iS	49	36.00	
MTN	7.48	167	eP	49	58.00	-0.7
			eS	51	03.00	
KNA	10.19	183	eP	50	34.00	0.2
	0.3s		9.00nm			4.5mb
			eS	52	10.00	
WRA	15.13	162	Pc	51	36.00	0.3
WB2	15.13	162	eP	51	35.70	0.0
			iS	54	00.80	
ASPA	18.58	167	IPd	52	23.30	9.0X
	S.D. = 0.7		on 6 of 7 obs.			

SEP 29, 1985 23h 36m 02.51± 0.44s
46.942 N ± 4.1km 8.347 E ± 4.4km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 3.0 (LDG). Felt in central Switzerland.

LLS	0.45	99	ePc	36	12.10	0.3
ZUL	0.54	3	iPc	36	12.80	-0.7
SAX	0.75	65	iPc	36	17.50	0.1
VDL	0.90	120	eP	36	19.90	0.1
TMA	0.91	156	eP	36	20.20	0.1
MMK	0.93	197	ePc	36	19.10	-1.3
DIX	1.08	217	ePd	36	22.10	-0.9
OSS	1.26	101	ePc	36	25.90	-0.1
BSF	1.38	311	Pn	36	28.10	0.2
			Pg	36	29.30	
			Sg	36	46.40	
CDF	1.64	334	Pn	36	31.70	0.1
			Pg	36	34.70	
			Sg	36	55.60	
HAU	1.72	309	Pn	36	33.00	0.3
			Pg	36	35.70	
			Sg	36	58.60	
BUH	1.74	357	ePn	36	32.70	-0.2
LPG	1.82	218	Pn	36	36.30	1.9
OGA	1.84	91	ePn	36	37.80	3.2X
LBF	2.99	272	Pg	36	59.40	8.5X
			Sg	37	36.70	
LOR	3.08	278	Pg	37	01.20	9.1X
			Sg	37	39.50	
SMF	3.11	266	Pg	37	01.30	8.8X
			Sg	37	40.00	
SSF	3.32	274	Pg	37	07.00	11.5X
			Sg	37	48.10	
DOU	4.02	323	eP	37	40.30	34.9X
KHC	4.14	56	ePg	37	21.80	14.7X
			Sg	38	15.00	
	S.D. = 0.8		on 13 of 20 obs.			

% SEP 29, 1985 23h 50m 25.29± 1.07s
37.498 N ±13.2km 30.062 E ± 7.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BCK	0.42	95	iPg	50	34.30	0.4
			iSg	50	39.30	
ELL	0.76	189	iPg	50	36.90	-3.3X
			iSg	50	46.90	
YER	1.46	256	iPn	50	50.90	-0.9
DST	2.39	332	iPn	51	06.00	0.9
IZM	2.39	293	iPn	51	06.00	0.9
GPA	2.79	4	iPn	51	09.50	-1.4
EZN	3.74	310	ePn	51	24.30	0.1
	S.D. = 1.2		on 6 of 7 obs.			

* SEP 30, 1985 00h 12m 27.04± 0.91s
34.856 S ±11.9km 178.812 W ±13.6km
DEPTH = 33.0km (normal)
5.1mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

KRP	5.49	234	P	13	48.00	-0.6
			S	14	51.00	
CRZ	7.03	271	P	14	12.00	1.8
MNG	7.31	216	eP	14	11.00	-3.3X
			S	15	33.00	
VUN	16.96	351	eP	16	17.00	-6.4X
NOU	17.97	310	iPc	16	36.00	0.1
DZM	18.15	311	iPc	16	39.20	1.0
KOU	20.62	309	iPc	17	05.90	-0.2
CTA	34.11	286	iPc	19	10.60	-0.3
	1.0s		23.00nm			5.1mb
ASPA	42.39	272	eP	20	18.00	-2.1
SBA	43.55	184	e(P)	20	29.30	0.4
WB2	43.77	277	eP	20	12.00	-19.3X
			i	20	29.20	
WRA	43.78	277	Pc	20	12.20	-19.2X
	0.9s		6.50nm			
SPA	55.32	180	iPd	22	01.10	1.4
	1.0s		25.00nm			5.2mb
			e	27	55.80	
NAU	58.00	263	eP	22	18.00	-1.0
BNG	145.72	212	IPKPc	32	03.80	-0.6
	1.0s		18.00nm			
			ic	32	32.40	
KJF	146.47	339	IPKP	32	03.10	-0.9
	1.0s		32.00nm			
			i	32	13.00	
SUF	148.05	338	iPKP	32	07.50	0.9
	0.7s		11.60nm			
NUR	150.19	337	ePKP	32	14.00	4.1X
	0.6s		11.70nm			
KIC	151.12	168	ePKP	32	17.20	4.4X
NAO	153.28	349	PKP	32	19.70	5.2X
	0.8s		4.00nm			
	S.D. = 1.2		on 13 of 20 obs.			

SEP 30, 1985 00h 37m 08.26± 0.41s
24.952 S ± 3.3km 67.919 W ± 6.5km
DEPTH = 126.7 ± 4.6 km
5.0mb (20 obs.)
CHILE-ARGENTINA BORDER REGION (127)

FSA	2.06	124	iPc	37	45.00	1.8
SLA	2.21	85	iPd	37	45.00	-0.4
			S	38	13.00	
ANT	2.59	298	iPc+	37	54.40	4.3X
			iS	38	27.00	
HJA	2.88	54	iPc	37	54.80	1.1
			(S)	38	28.40	
YJA	3.55	39	iPd	38	03.30	0.1
VCA	3.78	184	iPc	38	10.00	4.0X
			S	38	50.00	
CYA	3.96	152	iPd	38	10.00	1.7
			S	38	55.00	
TPZ	4.02	31	iP	38	11.40	2.0
RTCB	6.56	187	iPd	38	45.00	1.3
			S	39	35.20	
RTMQ	6.56	186	ePd	38	45.00	1.3
ZON	6.60	186	iPd	38	45.50	1.2
CFA	6.64	182	ePd	38	46.70	2.0
CCH	7.71	13	Pd	38	57.70	-1.9
JACH	8.05	196	iPd	39	03.90	0.0
CNCB	8.10	360	iP	39	04.60	-0.5
LPB	8.38	359	iP	39	08.70	0.0
	0.9s		394.96nm			6.1mb X
			iS	41	15.00	
			LR	42	10.00	
ROCH	8.44	198	iPd	39	08.40	-0.8
PEL	8.51	196	eP	39	09.50	-0.6
			i(S)	41	25.50	
FCH	8.60	193	eP	39	11.50	0.0
ZOBO	8.64	359	iP	39	10.50	-1.8
	Z 21s		0.74um			
			LR	42	23.00	
BACH	8.67	194	ePd	39	11.70	-0.5
SAN	8.80	195	eP	39	12.00	-1.9
PCH	8.93	194	iPc	39	14.70	-1.0
TACH	9.06	196	iPd	39	15.50	-1.9
ARE	9.08	338	iP	39	16.00	-2.0
			iS	40	52.50	
CHCH	9.26	194	eP	39	18.50	-1.6
LNV	9.47	198	P	39	20.00	-2.8X
RFA	9.80	183	ePc	39	25.70	-1.6
VAO	19.24	89	eP	41	20.00	-5.3X
			e	41	33.70	
			e	41	39.70	
			e	41	44.70	
BAO	20.84	67	iPc	41	36.80	-4.9X
BMA	21.85	89	eP	41	47.30	-4.3X
ATB	26.31	38	Pc	42	28.50	-5.4X
SOB1	30.11	63	eP	43	01.90	-6.2X
			e	46	05.10	
ITR	32.38	65	ePc	43	21.40	-6.6X
			e	46	11.30	
PRM	60.29	346	iP	47	04.20	-1.4
RSCP	62.50	344	iP	47	19.10	-1.3
	0.6s		38.78nm			5.5mb
JCT	63.02	329	iP	47	23.00	-0.9
	0.8s		22.76nm			5.2mb
			e	48	00.00	
LTX	63.97	325	iP	47	30.50	0.2
	1.2s		9.28nm			4.6mb
BHO	64.31	335	ePc	47	31.80	-0.5
	1.0s		2.90nm			4.2mb
SPA	65.20	180	eP	47	38.30	0.4
VVO	65.49	335	iPc	47	38.80	-1.0
RLO	65.96	336	iPc	47	42.30	-0.5
TUL	66.02	335	iPd	47	42.70	-0.5
	0.8s		28.30nm			5.2mb
FVM	66.07	341	iP	47	41.80	-1.7
	0.8s		43.94nm			5.4mb
KIC	68.84	72	eP	47	57.30	-4.0X

RSNY	69.42	355	eP	48 04.30	0.1
ALQ	69.87	327	eP	48 08.00	0.6
	0.9s	18.91nm		4.9mb	
MNT	70.31	356	iPd	48 09.30	-0.2
	0.8s	24.00nm		5.1mb	
			pP	48 47.50	158kmX
OTT	70.37	354	eP	48 09.00	-0.9
SYO	72.94	159	eP	48 25.30	0.3
GLA	72.96	320	eP	48 27.00	1.3
GLD	73.17	331	eP	48 28.10	1.1
	0.9s	16.84nm		4.8mb	
GOL	73.20	331	eP	48 27.60	0.4
	1.0s	5.50nm		4.3mb	
BAR	73.78	319	eP	48 32.00	1.5
PLM	74.37	319	eP	48 35.00	1.0
TPC	74.42	320	eP	48 35.00	0.8
RVR	75.12	319	eP	48 39.00	0.9
LHC	75.50	345	eP	48 38.00	-1.9
MWC	75.69	319	eP	48 40.00	-1.6
PAS	75.70	319	eP	48 43.00	1.6
GSC	75.71	321	eP	48 43.00	1.5
SBB	75.87	319	iP+	48 43.00	0.6
CLC	76.53	320	eP	48 47.00	0.9
ISA	76.93	320	eP	48 50.00	1.7
SYP	77.05	318	eP	48 50.00	0.9
BDW	77.55	330	iP	48 52.00	0.2
	1.2s	11.59nm		4.5mb	
EUR	78.23	324	iP	48 56.30	0.7
	1.0s	7.31nm		4.4mb	
PRI	78.55	319	eP	48 58.80	1.5
RSON	78.84	344	iP	48 57.30	-1.1
	1.0s	20.00nm		4.8mb	
BMN	79.58	324	eP	49 03.10	0.3
JAS1	79.62	320	ePc	49 04.10	1.2
ARN	79.88	319	iP	49 06.10	1.8
MAW	80.78	163	eP	49 09.00	0.5
LRM	81.22	330	e?	49 12.40	1.0
ORV	81.34	321	ePc	49 13.30	1.4
WDC	82.62	321	ePc	49 18.10	-0.4
BFS	82.97	116	eP	49 19.20	-1.7
IFR	83.33	48	iPd	49 22.50	0.0
FFC	84.58	341	eP	49 28.00	0.0
	1.2s	14.00nm		4.7mb	
SLR	84.68	116	eP	49 27.30	-2.2
	0.9s	26.89nm		5.1mb	
NEW	85.17	329	eP	49 31.00	-0.2
PNT	87.08	329	eP	49 41.00	0.5
	0.9s	12.00nm		4.9mb	
EDM	87.26	335	iPc	49 40.50	-0.8
	0.8s	35.00nm		5.4mb	
BUL	87.33	111	Pd	49 41.80	-0.8
	0.9s	19.75nm		5.1mb	
TOL	87.73	44	eP	49 45.00	1.2
BNG	88.65	85	iPc	49 47.20	-1.6
	1.0s	20.00nm		5.1mb	
			id	49 47.90	
LSZ	89.05	106	iP	49 51.30	0.5
KRI	89.61	108	eP	49 52.30	-1.2
MTD	91.33	109	iPd	50 03.40	2.1X
YKC	94.68	340	eP	50 15.50	0.0
	0.7s	9.00nm		5.2mb	
YKA	94.73	340	eP	50 16.40	0.6
WB2	130.39	208	ePKP	56 05.70	-0.2
WRA	130.40	208	PKPd	56 05.90	0.0
	0.5s	5.10nm			
GBA	145.50	103	PKPc	56 32.40	-1.1
	0.7s	31.30nm			
HYB	147.91	97	ePKP	56 37.50	0.0
	1.0s	60.00nm			
			e	56 39.50	
NDI	148.73	75	ePKP	56 38.00	-0.5
DMN	155.68	78	ePKP	56 49.20	0.4
KKN	155.84	77	ePKP	56 49.00	0.0
PKI	155.95	78	ePKP	56 49.00	-0.3
	S.D. = 1.1	on	88 of	99 obs.	

SEP 30, 1985 01h 58m 44.72± 1.31s
28.077 N ± 7.3km 140.768 E ± 5.2km
DEPTH = 45.5 ± 12.0 km
4.8mb (14 obs.)
BONIN ISLANDS REGION (212)

CBI	1.59	128	eP	59 09.00	-1.9
			eS	59 28.00	
MAT	8.71	346	(P)	00 52.00	1.0
			(S)	02 35.00	
SHK	9.45	315	eP	01 06.00	4.8X
ANP	17.45	265	eP	02 48.00	1.5
NJ2	19.37	287	Pc	03 11 00	1.5
QZH	20.09	266	Pc	03 20.00	2.8
			eS	06 59.00	
TIA	21.56	298	eP	03 32.30	0.1
BAG	21.96	242	eP	03 36.20	-0.3
			eS	07 40.00	
WHN	23.15	282	eP	03 50.00	2.1
BJI	23.53	307	eP	03 49.00	-2.5
			eS	08 10.00	
TIY	25.58	299	eP	04 11.20	0.0
HHC	27.11	306	P	04 25.00	-0.3
XAN	27.85	290	Pc	04 31.20	-0.9
			eS	09 08.00	
BTO	28.15	304	eP	04 34.10	-0.7
GYA	30.30	275	P	04 53.80	-0.4
LZH	32.14	294	eP	05 09.50	-0.8
CD2	32.25	284	eP	05 10.70	-0.4
GTA	35.61	299	eP	05 39.00	-1.1
CHG	39.30	266	eP	06 13.00	1.8
SHL	43.47	278	iP	06 45.00	-0.5
WMQ	44.98	305	P	06 57.50	0.1
PSI	47.20	245	ePc	07 15.70	0.6
WB2	48.14	188	eP	07 21.30	-1.0
WRA	48.14	188	P	07 16.00	-6.3X
	0.4s	0.50nm		3.9mb	
PKI	48.59	283	eP	07 26.60	0.3
	0.8s	42.00nm		5.5mb	
KKN	48.65	283	eP	07 27.20	0.6
DMN	48.84	283	eP	07 28.60	0.5
	0.8s	54.00nm		5.6mb	
NDI	55.30	287	eP	08 14.50	-1.6
COL	57.08	29	eP	08 39.00	10.6X
GBA	60.33	270	P	08 53.00	1.4
	0.8s	4.50nm		4.7mb	
KOD	61.74	267	P	09 02.00	0.4
YOU	62.43	173	eP	09 04.30	-1.1
INK	62.66	25	eP	09 06.00	-0.6
QUE	63.42	292	eP	09 11.30	-1.0
CAN	63.53	172	eP	09 12.80	0.1
WAM	64.38	173	eP	09 18.40	0.3
YKA	71.88	28	eP	10 05.00	0.4
YKC	71.94	28	ePc	10 04.70	-0.2
	0.8s	10.00nm		4.8mb	
SOD	73.03	338	iP	10 10.30	-1.0
			i	10 24.00	
KJF	74.36	335	iP	10 18.00	-1.1
	0.8s	11.70nm		4.9mb	
			i	10 32.70	
DAG	74.64	355	iPc	10 18.80	-1.7
	1.0s	23.00nm		5.1mb	
PNT	75.08	42	eP	10 24.00	0.4
	1.0s	14.00nm		4.9mb	
SUF	75.76	334	iP	10 26.20	-0.9
	0.6s	3.80nm		4.5mb	
EDM	76.78	36	iP	10 34.00	0.9
WDC	77.00	51	eP	10 35.60	1.1
NEW	77.03	42	eP	10 35.00	0.4
NUR	77.62	333	eP	10 36.00	-1.5
ORV	78.17	52	eP	10 42.50	1.6
SES	79.44	38	eP	10 49.00	1.3
JAS1	79.66	53	eP	10 49.90	0.8
FRI	80.59	53	eP	10 55.00	0.9
BMN	80.67	49	eP	10 56.00	1.4
UPP	80.77	335	iP	10 53.20	-1.3
LRM	81.01	43	eP	10 57.50	1.1
EUR	81.97	50	iP	11 02.50	0.9
	0.2s	9.77nm		5.5mb	
HFS	82.03	336	eP	10 59.80	-1.3
	0.3s	3.30nm		4.8mb	
	Z 17s	0.15um		4.4MszX	
			LR	45 04.00	
NAO	82.52	338	P	11 02.10	-1.6
	1.0s	8.80nm		4.8mb	
BDW	84.38	44	eP	11 14.10	0.3
	1.0s	3.00nm		4.3mb	
GLA	86.01	55	eP	11 23.20	1.3
KHC	89.87	328	eP	11 39.90	-0.2
ALQ	90.81	49	eP	11 45.50	0.6
	1.0s	4.25nm		4.8mb	
ZOBO	150.86	72	PKP	18 32.00	2.7X
LPB	151.00	73	PKP	18 32.30	3.0X
CNCB	151.23	73	PKP	18 36.00	6.2X
CCH	153.05	72	ePKP	18 30.00	-2.1
			(S)	18 53.00	
TPZ	155.10	81	ePKP	18 38.00	3.1X
	S.D. = 1.2	on	59 of	66 obs.	

* SEP 30, 1985 02h 12m 12.63± 2 19s
31.820 S ±11.4km 69.372 W ±24.3km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.59	56	iPd	12 25.30	0.7
			S	12 35.20	
ZON	0.65	65	iPc	12 26.20	0.8
			eS	12 39.00	
RTMQ	0.68	63	iPc	12 26.00	0.2
CFA	0.99	78	iPc	12 29.00	-1.2
			S	12 43.70	
RFA	3.04	166	ePc	12 59.70	0.1
VCA	3.23	19	ePc	12 53.00	-9.4X
			S	13 27.00	
SLA	7.85	27	e(P)	14 07.00	-0.5
	S.D. = 1.0	on	6 of	7 obs.	

SEP 30, 1985 02h 28m 01.00± 0.42s
43.099 N ± 4.8km 0.365 W ± 3.5km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 3.8 (LDG).

JAU	0.06	183	P	28 01.92	-1.5
OGE	0.11	311	P	28 04.48	0.7
			S	28 07.00	
ESCF	0.15	262	P	28 04.56	-0.1
ATE	0.25	267	P	28 06.20	-0.1
			S	28 10.80	
MADF	0.33	277	P	28 08.26	0.3
BOH	0.47	271	P	28 10.46	-0.2
EPF	0.52	97	Pg	28 11.90	0.3
			Sg	28 21.00	
MLS	1.07	97	eP	28 21.90	0.7
			eS	28 38.30	
LPO	1.94	35	Pn	28 35.80	1.5
			Pg	28 39.30	
			Sg	29 07.80	
LFF	2.00	23	Pn	28 35.80	0.6
			Pg	28 40.80	
			Sg	29 09.00	
SMCF	2.11	105	P	28 42.28	5.3X
			S	29 10.98	
EBR	2.37	164	ePn	28 45.00	4.6X
			eSb	29 21.00	
			eSg	29 24.00	
CAF	2.53	43	Pn	28 43.00	0.2
			Pg	28 50.20	
			Sg	29 25.80	
RJF	2.59	31	Pn	28 43.70	0.1
			Pg	28 51.00	
			Sg	29 26.40	
LSF	3.43	23	Pn	28 54.50	-1.0
			Pg	29 06.60	
			Sg	29 53.20	
MFF	3.51	2	Pn	28 56.40	-0.2
			Pg	29 08.20	
			Sg	29 55.80	
PYM	3.59	41	iPg	29 10.90	13.0X
			iSg	30 00.00	
TCF	3.88	29	Pn	28 59.00	-0.2
			Pg	29 11.30	
			Sg	30 01.30	
MZF	3.76	33	Pn	29 00.50	0.2
			Pg	29 12.80	
			Sg	30 04.80	
PLDF	4.04	43	iPg	29 18.60	14.3X
			iSg	30 13.00	
BGF	4.14	32	Pn	29 05.80	0.1
			Pg	29 20.20	
			Sn	29 53.00	
SSB	4.15	57	iPg	29 19.20	13.4X
			iSg	30 17.00	
TOL	4.24	222	iPn	29 07.50	0.4
			ePg	29 27.00	
			eSb	30 11.00	
			iSg	30 28.00	
CDR	4.51	81	ePnc	29 13.80	3.0X
			e	29 13.90	
			i	30 26.50	
AVF	4.54	34	Pn	29 11.20	0.0
			Pg	29 27.00	
			Sg	30 27.80	
SMF	4.64	39	Pg	29 29.40	16.7X
			Sg	30 31.00	
SSF	4.82	33	Pn	29 15.40	0.1

30d 02h

		Pg	29	32.10		
		Sg	30	36.90		
LBF	4.96	37 Pg	29	36.80	19.6X	
		Sg	30	40.60		
LPF	4.96	355 Pg	29	35.00	17.8X	
LOR	5.13	34 Pg	29	39.70	20.1X	
		Sg	30	45.40		
GRR	5.30	356 Pg	29	41.30	19.2X	
LDF	5.50	2 Pg	29	45.40	20.5X	
FLN	5.66	359 Pg	29	48.20	21.0X	
DOU	7.79	24 Pn	29	54.50	-2.5	
		Sn	31	22.20		
S.D. = 0.9 on 21 of 34 obs.						

? SEP 30, 1985 02h 29m 40.94± 4.12s
44.540 N ± 7.6km 7.445 E ±51.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.7 (LDG).

LPG	1.03	333 Pg	30	01.40	0.0	
		Sg	30	14.60		
FRF	1.14	211 Pg	30	01.90	-0.3	
		Sg	30	15.30		
LRG	1.34	216 Pg	30	05.90	0.3	
		Sg	30	21.80		
LMR	1.38	210 Pg	30	06.30	0.1	
		Sg	30	22.30		
CDR	1.49	235 eP	30	07.60	-0.1	
		e	30	24.40		
		e	30	25.30		
S.D. = 0.3 on 5 of 5 obs.						

? SEP 30, 1985 03h 36m 46.06± 9.25s
18.350 N ±77.6km 103.037 W ±59.9km
DEPTH = 33.0km (normal)
NEAR COAST OF MICHOACAN, MEXICO (56)

GUM	2.33	353 eP	37	23.00	-0.1	
OXM	3.31	73 eP	37	36.00	-1.1	
||| 3.39	69 eP	37	38.00	-0.2	
		iS	38	19.50		
UNM	3.78	74 eP	37	45.00	1.3	
		i	38	44.00		
TPM	3.82	80 eP	37	44.00	-0.2	
S.D. = 1.2 on 5 of 5 obs.						

• SEP 30, 1985 03h 58m 11.63± 1.01s
19.384 N ±12.9km 105.039 W ± 8.5km
DEPTH = 33.0km (normal)
4.2mb (5 obs.)
NEAR COAST OF JALISCO, MEXICO (55)

MNZ	0.75	116 iP	58	27.00	1.3	
		iS	58	37.00		
GUM	2.06	51 eP	58	44.50	-0.3	
OXM	5.05	90 eP	59	29.00	1.5	
		iS	00	23.00		
||| 5.37	100 eP	59	31.00	-0.8	
		iS	00	35.00		
TPM	5.66	93 iP	59	36.50	0.6	
		i	01	01.50		
LTX	9.98	7 iP	00	38.20	2.2	
	1.1s	12.00nm			5.1mb X	
JCT	12.02	22 eP	01	06.00	2.4	
	1.2s	29.69nm			5.3mb X	
ALQ	15.55	356 eP	01	55.00	4.7X	
	1.2s	6.25nm			3.7mb	
GLA	16.18	329 eP	02	01.00	2.8X	
BAR	16.85	324 eP	02	13.00	6.3X	
OCO	17.41	21 eP	02	17.20	3.6X	
BHO	17.46	29 e(P)	02	13.80	-0.4	
PLM	17.46	325 eP	02	15.00	0.5	
TPC	17.63	328 eP	02	18.00	1.5	
		e	02	22.00		
VVO	17.89	25 eP	02	19.60	0.0	
RVR	18.23	325 eP	02	30.00	6.2X	
TUL	18.37	24 iPc	02	25.30	-0.2	
	1.1s	30.90nm			4.4mb	
Z	20s	0.29um			4.7Msz	
		e(S)	06	04.00		
MWC	18.77	325 eP	02	31.00	0.3	
RLO	18.90	26 eP	02	30.00	-2.0	
GSC	18.96	329 eP	02	33.00	0.1	
SBB	19.00	326 eP	02	38.00	4.7X	
CLC	19.76	328 eP	02	41.00	-0.9	
		e	02	46.00		

ISA	20.09	327 eP	02	45.00	-0.3	
		e	02	49.00		
PRI	21.63	324 eP	03	03.70	2.6X	
FRI	21.74	327 eP	03	03.00	0.9	
MNA	22.14	332 eP	03	07.70	1.4	
EUR	22.14	337 iP	03	07.80	1.4	
	0.5s	9.04nm			4.5mb	
JAS1	22.82	327 eP	03	14.50	1.7	
BMN	23.44	336 eP	03	20.50	1.5	
BDW	23.63	352 eP	03	21.00	0.1	
	1.0s	1.80nm			3.5mb	
ORV	24.61	328 eP	03	31.30	1.1	
LRM	27.07	349 eP	03	52.50	-0.8	
NEW	30.43	344 eP	04	22.00	-1.2	
PNT	32.08	342 eP	04	37.00	-0.7	
FFC	35.36	3 eP	05	03.00	-2.9	
	1.1s	12.00nm			4.7mb	
YKC	43.55	354 eP	06	11.00	-2.7	
YKA	43.58	354 eP	06	13.80	-0.2	
INK	52.07	347 ePc	07	18.00	-2.1	
COL	53.55	339 eP	07	38.00	6.8X	
MBC	57.37	356 eP	07	56.00	-2.6	
GBA	147.13	356 PKP	17	51.00	-0.5	
S.D. = 1.5 on 33 of 41 obs.						

& SEP 30, 1985 04h 08m 56.39s
43.420 N 73.541 W
DEPTH = 5.0km (geophysicist)
NEW YORK (472)
<PAL>. CL 2.7 (PAL). Felt (IV) at Cleverdale and Fort Ann. Felt (II) at Lake Luzerne and Bakers Mills.

SKLY	0.76	316 eP	09	08.50	-3.0	
RSNY	1.33	328 eP	09	18.80	-2.7	
PTN	1.55	318 eP	09	24.30	-0.4	
3 obs. associated						

• SEP 30, 1985 04h 51m 03.84± 0.56s
7.914 N ± 7.7km 137.251 E ±13.0km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
WEST CAROLINE ISLANDS (209)

JAY	10.92	161 ePc	53	41.50	0.5	
KNA	24.97	200 eP	56	27.00	1.0	
WB2	27.83	186 eP	56	46.70	-5.7X	
WRA	27.83	186 Pd	56	57.40	5.0X	
	0.7s	3.00nm			4.1mb	
XAN	36.84	319 P	58	10.70	-0.3	
BJI	37.13	333 eP	58	13.50	0.3	
CN2	37.21	346 Pc	58	14.00	0.1	
PSI	38.50	264 ePd	58	24.50	-0.6	
CD2	38.74	311 eP	58	27.80	0.8	
BTO	40.59	328 eP	58	44.00	1.8	
LZH	41.41	318 eP	58	50.00	0.9	
MRWA	42.22	208 eP	58	55.00	-0.5	
GTA	45.91	319 iPc	59	26.00	0.6	
PKI	52.68	299 eP	00	17.40	-0.6	
KKN	52.84	299 eP	00	18.60	-0.4	
	0.6s	5.00nm			4.7mb	
WMQ	55.98	318 P	00	41.50	-0.1	
GBA	58.92	281 P	01	01.00	-1.6	
INK	82.42	22 eP	03	22.00	-1.8	
MBC	85.53	14 eP	03	39.00	-0.5	
YKA	91.27	26 eP	04	07.30	0.3	
S.D. = 1.0 on 18 of 20 obs.						

? SEP 30, 1985 09h 12m 02.71± 2.70s
5.931 N ±29.4km 73.068 W ± 9.9km
DEPTH = 138.5 ± 14.3 km
4.3mb (2 obs.)
COLOMBIA (103)

UAV	3.27	36 iPnd	12	55.00	1.0	
	0.2s	40.90nm				
SDV	3.80	39 ePn	13	01.90	0.9	
	0.2s	57.90nm				
TOV	5.02	40 ePn	13	17.50	0.3	
UPA	7.09	296 ePc	13	45.00	-0.2	
	0.7s	13.70nm			4.5mb	
CAR	7.59	53 ePn	13	50.00	-2.1	
HOJ	12.52	344 eP	14	56.88	-0.4	
STH	12.61	343 iP	14	58.05	-0.4	
		eS	16	54.73		
ALQ	42.20	318 eP	19	43.80	0.1	

	1.2s	4.69nm			4.0mb	
YKA	64.11	340 eP	22	23.[illegible]	-0.3	
INK	73.88	340 eP	23	24.00	0.3	
MBC	74.68	350 eP	23	29.00	0.8	
WB2	149.93	240 ePKP	31	44.20	10.4X	
WRA	149.94	240 PKPd	31	44.50	10.7X	
	0.3s	0.60nm				
S.D. = 1.0 on 11 of 13 obs.						

SEP 30, 1985 09h 17m 16.21± 1.08s
28.080 N ± 8.0km 140.380 E ± 9.0km
DEPTH = 10.7 ± 7.8 km
4.6mb (2 obs.)
BONIN ISLANDS REGION (212)

CBI	1.88	121 eP	17	48.00	-0.5	
		eS	18	10.00		
MAT	8.63	348 eP	19	25.00	1.0	
	1.0s	22.00nm			5.4mb X	
		(S)	21	06.00		
SHK	9.21	316 eP	19	07.00	-24.9X	
SSE	16.96	285 eP	21	22.00	7.0X	
N	10s	0.90um				
		eS	24	44.00		
ANP	17.11	265 eP	21	32.00	15.0X	
MDJ	18.62	335 P	21	34.00	-1.6	
		S	25	08.00		
DL2	18.97	309 P	21	43.00	3.2X	
		S	25	19.00		
NJ2	19.04	287 Pc	21	47.00	6.2X	
		iS	25	26.00		
SNY	19.39	319 iPc	21	47.00	2.1	
		PP	22	09.00		
		S	25	23.50		
		sS	25	39.00		
		SS	25	58.00		
QZH	19.74	266 eP	21	50.00	0.9	
		S	25	39.00		
CN2	19.76	326 Pc	21	48.50	-0.5	
		pP	21	57.50	36kmX	
		eS	25	34.00		
		SS	26	08.00		
TIA	21.26	298 eP	22	04.40	-0.3	
		S	26	04.40		
BAG	21.66	242 eP	22	15.00	6.0X	
		eS	26	16.00		
QCP	22.36	237 eP	22	25.00	9.1X	
BJI	23.25	307 eP	22	25.00	0.6	
		eS	26	36.00		
		eSS	27	30.00		
HKC	24.38	262 eP	22	42.00	6.5X	
DAV	25.15	217 eP	22	45.00	2.0	
		eS	27	16.00		
TIY	25.28	299 eP	22	43.50	-0.6	
		S	27	21.00		
XAN	27.53	290 eP	23	04.40	-0.5	
		eS	27	57.50		
BTO	27.86	305 eP	23	08.00	0.0	
		ePP	24	03.00		
		S	27	55.00		
CD2	31.91	284 eP	23	44.10	0.0	
		eS	29	07.70		
GTA	35.31	299 P	24	12.10	-1.4	
		S	29	45.00		
WMQ	44.70	305 P	25	30.00	-1.1	
WB2	48.10	188 eP	25	56.00	-2.0	
WRA	48.10	188 P	25	58.00	0.0	
	0.8s	9.30nm			4.9mb	
NDI	54.97	287 eP	26	50.00	0.2	
		eS	34	34.00		
		eSS	38	22.00		
COL	57.24	29 eP	27	06.00	0.3	
YKA	72.04	28 eP	28	42.50	0.7	
PNT	75.31	42 eP	29	02.00	0.8	
SES	79.65	38 eP	29	21.00	-4.2X	
EUR	82.23	49 iP	29	38.20	-1.1	
	0.5s	1.33nm			4.3mb	
ZOBO	151.18	72 ePKP	37	07.00	0.6	
LPB	151.33	72 PKP	37	10.20	3.8X	
CNCB	151.56	73 PKP	37	15.00	8.1X	
S.D. = 1.1 on 23 of 34 obs.						

• SEP 30, 1985 09h 38m 12.40± 0.78s
34.266 N ±11.8km 135.277 E ±14.4km
DEPTH = 23.0 ± 8.9 km
4.2mb (1 obs.)
NEAR S. COAST OF SOUTHERN HONSHU(233)

Felt (I JMA) at Wakayama.

WKY	0.10	247	iPd	38	17.20	0.4
			iS	38	20.50	
KOB	0.43	349	eP	38	21.00	-0.3
			iS	38	29.80	
OSA	0.46	26	P	38	22.00	0.2
			S	38	28.70	
OSK	0.47	42	eP	38	21.00	-1.0
			S	38	26.80	
MAT	3.30	46	eP	39	05.00	1.2
			eS	39	56.00	
WB2	53.91	181	eP	47	36.00	-0.3
WRA	53.91	181	Pc	47	36.00	-0.3
	0.7s		1.80nm			4.2mb
	S.D. = 1.0		on 7 of 7 obs.			

& SEP 30, 1985 09h 45m 39.70s
36.582 N 121.225 W
DEPTH = 7.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.2 (BRK).
Mo=2.0*10**21 (BRK).

SAO	0.25	316	iP	45	44.40	-0.5
PRS	0.28	205	iP	45	45.30	-0.1
SLD	0.49	0	iPd	45	49.50	-0.1
PRI	0.63	134	iPd	45	51.90	-0.5
GCC	0.76	306	iP	45	53.50	-1.4
ARN	0.80	342	ePd	45	55.30	-0.3
MHC	0.83	336	iPd	45	55.90	-0.2
			eS	46	08.50	
PHAM	1.00	138	eP	45	58.20	-0.8
FRI	1.28	71	ePc	46	02.50	-1.3
PCC	1.30	315	iPc	46	02.30	-1.8
JAS1	1.49	25	ePc	46	05.30	-1.6
			e(S)	46	24.00	
			i	46	27.10	
BKS	1.52	328	iPnc	46	05.70	-1.7
			ePb	46	07.70	
			ePg	46	11.30	
			eSn	48	23.40	
			eSb	46	29.00	
BRK	1.53	328	eP	46	05.70	-1.7
BLP	2.13	161	eP	46	14.00	-2.1
WKTM	2.38	108	eP	46	18.00	-1.9
VPEM	2.83	102	eP	46	25.30	-1.0
EUR	5.06	53	iP	47	03.50	5.5
	17 obs. assaciated					

& SEP 30, 1985 09h 46m 07.16s
58.467 N 155.831 W
DEPTH = 135.9km
ALASKA PENINSULA (12)
<AGS-P>.

PDB	1.57	32	iP	46	35.65	-1.2
			eS	46	57.83	
KDC	1.91	111	iP	46	39.11	-1.7
			eS	47	05.18	
CNPM	2.60	64	eP	46	48.07	-1.4
			eS	47	20.55	
RDT	2.74	38	eP	46	50.30	-1.0
			eS	47	22.05	
NNL	2.81	54	eP	46	52.60	0.5
BRLK	2.86	61	eP	46	52.26	-0.6
			eS	47	23.90	
SPU	3.32	33	iP	46	58.72	-0.2
SLKM	3.52	52	eP	46	59.65	-1.8
			iS	47	35.55	
SEW	3.66	61	eP	47	01.55	-1.7
			eS	47	41.10	
MPA	3.87	56	eP	47	04.23	-1.9
SUA	3.95	38	eP	47	05.15	-2.1
PTE	4.21	52	eP	47	08.19	-2.3
MTU	4.47	67	iP	47	11.92	-2.2
			eS	48	00.74	
PWL	4.49	55	eP	47	11.66	-2.8
KNIM	4.55	62	eP	47	12.35	-2.8
LOU	4.63	61	eP	47	13.13	-3.2
KNK	4.74	48	eP	47	15.46	-2.3
			eS	48	03.76	
GHO	4.79	43	eP	47	14.62	-3.8
			eS	48	04.95	
CFI	4.90	53	eP	47	16.92	-2.9
SML	5.03	45	eP	47	17.52	-4.1
GLI	5.05	58	eP	47	18.57	-3.3
HIN	5.14	64	eP	47	20.97	-2.2
FID	5.27	60	eP	47	21.17	-3.7
			eS	48	15.44	
VZW	5.36	57	iP	47	23.10	-3.0
SCM	5.42	48	eP	47	24.45	-2.6
KLU	5.83	54	iP	47	29.28	-3.2
	28 obs. associated					

SEP 30, 1985 10h 01m 34.24± 0.39s
52.299 N ± 9.0km 169.299 W ± 4.6km
DEPTH = 33.0km (normal)
4.7mb (29 obs.) 4.3Msz (1 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK	4.57	268	eP	02	41.50	-1.3
COL	16.76	33	eP	05	26.00	-1.7
INK	23.38	33	eP	06	39.00	-1.3
YKA	30.26	49	eP	07	45.20	1.4
YKC	30.32	49	eP	07	44.00	-0.4
	1.0s		11.00nm			4.6mb
MBC	30.59	21	eP	07	46.00	-0.6
NEW	32.99	76	eP	08	07.00	-0.9
EDM	33.14	66	eP	08	09.00	-0.2
SES	35.59	69	eP	08	30.00	-0.3
JAS1	36.64	93	eP	08	40.00	0.8
	1.0s		0.80nm			3.6mb X
BMN	37.07	87	e(P)	08	43.00	0.1
EUR	38.40	88	iP	08	54.50	0.2
	0.8s		2.21nm			4.0mb
MAT	39.74	268	eP	09	06.00	0.8
BDW	40.36	79	eP	09	10.00	-0.5
	1.0s		9.00nm			4.5mb
RSON	44.99	60	eP	09	49.00	1.2
ALQ	47.14	86	eP	10	04.50	-0.7
	1.3s		9.13nm			4.6mb
			e	11	47.50	
LTX	52.71	89	eP	10	46.00	-1.8
	1.0s		8.00nm			4.6mb
SSE	53.85	276	eP	10	55.50	-0.5
FVM	54.74	72	eP	11	02.00	-0.5
KEV	57.68	353	eP	11	35.00	11.9X
SOD	60.05	353	iP	11	38.00	-1.7
KJF	63.09	352	iP	11	59.00	-1.0
	0.5s		11.20nm			5.2mb
SUF	64.68	352	iP	12	09.50	-1.0
	0.5s		4.70nm			4.8mb
NUR	66.99	353	iP	12	24.00	-1.2
	0.5s		14.00nm			5.3mb
NAO	67.23	360	P	12	25.50	-1.3
	0.6s		5.10nm			4.8mb
HFS	67.90	358	eP	12	29.20	-1.8
	0.5s		10.60nm			5.2mb
Z	18s		0.15um			4.3Msz
			LR	39	52.00	
KMI	69.33	284	eP	12	40.50	-0.1
CHG	76.40	283	eP	13	26.00	4.0X
KSP	77.13	356	eP	13	25.00	-0.6
KKN	77.21	299	eP	13	26.00	-0.7
	0.7s		10.00nm			5.0mb
PKI	77.32	299	eP	13	26.80	-0.6
	0.8s		11.00nm			4.9mb
DMN	77.45	299	eP	13	28.00	-0.1
	0.8s		12.00nm			5.0mb
PRU	78.04	357	eP	13	30.50	-0.1
FLN	78.87	8	eP	13	35.30	0.2
	1.0s		8.30nm			4.7mb
KHC	78.92	358	P	13	35.80	0.3
			e	13	47.00	
LDF	79.06	7	eP	13	36.10	-0.1
GRR	79.21	8	eP	13	37.30	0.3
	1.0s		7.60nm			4.6mb
LPF	79.55	8	eP	13	39.40	0.6
	1.0s		7.60nm			4.6mb
CDF	79.63	2	eP	13	40.00	0.6
	0.6s		3.60nm			4.5mb
ZST	79.74	356	i(P)	13	40.80	1.0
HAU	80.01	3	eP	13	42.10	0.8
BSF	80.19	3	eP	13	43.00	0.6
LOR	80.64	5	eP	13	45.30	0.6
	0.7s		3.30nm			4.4mb
SSF	80.83	5	eP	13	46.40	0.7
	0.9s		3.90nm			4.4mb
LBF	80.93	5	eP	13	46.60	0.3
	0.6s		1.70nm			4.2mb
KBA	80.98	358	eP	13	47.00	0.3
	1.0s		23.90nm			5.1mb
			i	13	47.80	
			i	14	05.00	
MFF	81.04	8	eP	13	47.60	0.8
	1.0s		12.00nm			4.8mb
AVF	81.09	5	eP	13	47.80	0.8
	1.0s		8.00nm			4.7mb
SMF	81.26	5	eP	13	48.60	0.6
	0.8s		7.20nm			4.7mb
LSF	81.52	6	eP	13	50.00	0.7
	0.7s		6.10nm			4.7mb
TCF	81.52	6	eP	13	49.80	0.4
MZF	81.62	6	eP	13	50.60	0.7
	1.1s		7.00nm			4.6mb
LFF	82.76	7	eP	13	56.80	1.6
	0.8s		8.00nm			4.9mb
CAF	82.87	6	eP	13	57.20	0.8
	1.0s		6.00nm			4.6mb
LPO	83.05	7	eP	13	58.20	0.9
QUE	84.29	314	eP	14	04.00	-0.1
FRF	84.46	3	eP	14	05.40	1.0
EPF	84.63	8	eP	14	05.80	0.4
	1.1s		8.30nm			4.8mb
LMR	84.68	3	eP	14	06.90	1.4
MLS	84.76	7	eP	14	06.70	0.7
CVF	85.50	1	eP	14	10.60	0.9
WB2	86.99	232	eP	14	32.10	14.9X
PSI	88.98	273	eP	14	27.00	0.1
BUL	145.01	330	iPKPd	21	09.00	-0.7
	0.6s		4.33nm			
WIN	149.91	348	ePKP	21	27.50	9.9X
EVA	150.76	325	ePKP	21	25.20	6.5X
	S.D. = 0.9		on 61 of 66 obs.			

SEP 30, 1985 11h 02m 09.66± 1.20s
19.046 S ±12.7km 169.322 E ±17.4km
DEPTH = 203.7 ± 11.5 km
4.5mb (1 obs.)
VANUATU ISLANDS (186)

PVC	1.61	323	iPd	02	44.60	-0.4
			iS	03	11.50	
DZM	4.04	221	iPd	03	12.90	0.2
			iS	04	04.50	
NOU	4.22	219	iPd	03	15.10	0.3
			iS	04	12.70	
KOU	4.98	252	iPd	03	25.00	0.5
			iS	04	19.20	
BRS	17.32	238	P	05	59.60	-1.0
MNG	22.14	167	P	06	50.00	0.7
TCW	22.50	170	eP	06	52.00	-0.7
SBA	58.86	181	eP	11	47.90	-0.8
	0.9s		8.40nm			4.5mb
BNG	147.99	247	iPKPd	21	31.00	1.1
	0.5s		5.00nm			
	S.D. = 0.9		on 9 of 9 obs.			

SEP 30, 1985 11h 16m 25.50± 0.31s
47.625 N ± 2.6km 8.405 E ± 3.2km
DEPTH = 10.0km (geophysicist)
3.8mb (1 obs.)
FRANCE (538)
ML 4.7 (LDG). Felt at Orleans, Poitiers and Tours.

LDF	1.03	340	Pn	16	49.80	4.8X
LPF	1.06	293	Pn	16	50.10	4.7X
			Sg	17	35.30	
MFF	1.09	200	Pn	16	49.00	3.0X
GRR	1.14	312	Pn	16	51.80	4.9X
			Sg	17	06.90	
FLN	1.28	333	Pn	16	53.20	3.9X
			Pg	16	54.30	
			Sg	17	11.00	
HYF	1.56	102	Pn	16	55.60	2.3X
			Sg	17	15.40	
LSF	1.58	150	Pn	16	54.90	1.3
			Sg	17	15.00	
TCF	1.82	137	Pn	16	58.20	1.1
GRC	1.84	99	iPnc	16	58.50	1.1
			iPg	17	01.20	
BGF	1.98	122	Pn	17	00.30	0.9
MZF	2.05	133	Pn	17	01.00	0.5
			Pg	17	04.90	
			Sg	17	28.80	
AVF	2.18	111	Pn	17	02.90	0.7
			Pg	17	07.00	
			Sg	17	33.40	
SSF	2.18	104	Pn	17	03.10	0.7

30d 11h

Sg 17 33.60
LOR 2.37 97 Pn 17 05.40 0.3
Pg 17 11.20
Sg 17 38.50
RJF 2.44 161 Pn 17 06.20 0.1
LBF 2.51 103 Pn 17 07.40 0.3
Sg 17 43.20
SMF 2.54 111 Pn 17 07.90 0.4
Pg 17 13.50
Sn 17 35.40
PYM 2.59 135 iPnd 17 08.50 0.2
iPg 17 13.90
LFF 2.70 175 Pn 17 10.00 0.3
Pg 17 17.70
Sg 17 50.50
PLDF 2.76 126 iPnd 17 10.80 0.1
iPg 17 18.90
CAF 2.93 156 Pn 17 12.80 -0.3
Pg 17 21.80
Sn 17 46.60
Sg 17 58.20
LPO 2.99 169 Pn 17 14.00 0.2
Pg 17 22.80
Sg 18 00.40
SSB 3.70 128 ePn 17 23.60 -0.4
iPg 17 36.30
iSg 18 22.20
DOU 3.71 47 iPnc 17 25.10 1.0
SNF 3.85 40 iPn 17 27.40 1.3
Pg 17 41.10
Sn 18 10.80
Sg 18 29.00
HAU 4.02 82 Pn 17 27.50 -1.0
Pg 17 41.80
Sg 18 31.40
UCC 4.10 38 Pg 17 48.00 18.5X
Sg 18 39.00
BSF 4.32 85 Pn 17 31.50 -1.3
Pg 17 48.20
Sg 18 40.40
CRO 4.48 307 eP 17 36.80 1.8
eS 18 24.50
OGE 4.50 138 P 17 33.60 -1.7
MADF 4.57 191 P 17 35.40 -0.9
EPF 4.59 181 Pn 17 35.00 -1.7
Sn 18 24.30
Sg 18 51.20
HTL 4.65 318 eP 17 39.30 2.0
CDF 4.68 78 Pn 17 35.50 -2.4
Pg 17 54.20
Sg 18 51.60
MLS 4.69 174 eP 17 36.90 -1.1
e 17 55.90
e 18 28.20
e 18 55.90
MEM 4.74 49 iPnc 17 39.20 0.6
iPg 17 55.30
EMS 4.74 107 eP 17 38.80 -0.1
ENN 4.79 47 ePn 17 40.00 0.6
0.7s 37.00nm
ePg 17 58.00
eSn 18 27.50
LPG 4.87 114 Pn 17 41.50 0.8
Sn 18 31.80
KLL 4.92 50 iPn 17 41.70 0.5
ePg 18 00.50
eSn 18 34.20
eSg 19 00.00
GSH 5.00 49 iPnd 17 42.50 0.1
iPg 18 01.00
iSn 18 40.10
iSg 19 03.60
DIX 5.05 105 eP 17 43.90 0.6
STB 5.17 52 iPnc 17 44.70 0.0
ePg 18 05.50
eSg 19 15.00
SMCF 5.29 164 P 17 46.96 0.4
S 19 11.88
BUH 5.34 76 ePn 17 45.60 -1.6
MMK 5.42 104 eP 17 49.30 0.8
CDR 5.45 134 eP 17 58.00 9.3X
e 18 09.90
i 19 11.00
i 19 21.80
i 19 24.10
BNS 5.55 50 ePn 17 51.00 0.9
0.5s 280.00nm 6.2mb X

ePg 18 13.40
eSg 19 26.50
eSg 19 28.30
LLS 5.90 94 eP 17 55.20 0.0
LRG 5.91 133 Pn 17 55.00 0.0
Sg 19 31.20
TNS 5.90 61 ePn 17 53.70 -1.4
ePg 18 16.60
eSg 19 43.90
FRF 5.97 131 Pn 17 55.80 -0.2
Sg 19 34.80
TMA 6.00 102 eP 17 57.10 0.5
WTS 6.03 41 ePn 17 56.50 -0.2
0.8s 9.00nm 4.6mb X
LMR 6.07 133 Pn 17 57.00 -0.3
SAX 6.08 90 eP 17 57.40 -0.4
VDL 6.30 97 eP 18 01.60 0.7
ECP 6.32 319 eP 18 01.10 0.2
eS 19 04.00
ETA 6.62 323 eP 18 05.30 0.2
eS 19 13.00
ECB 6.63 318 eP 18 05.30 0.0
eS 19 12.00
OSS 6.71 94 eP 18 07.00 0.4
EBR 6.80 179 ePn 18 40.00 32.2X
eSn 20 06.00
OGA 7.27 92 iPnd 18 15.00 0.5
FUR 7.33 82 iPnc 18 44.80 29.6X
GRF 7.46 70 e(Pn) 18 19.00 2.1
ePg 18 49.60
eSg 20 25.00
MOX 7.95 64 e(Pn) 18 22.00 -1.8
ePg 18 53.00
i(Sg) 20 45.00
ESK 8.02 345 ePn 18 24.00 -0.8
ESY 8.51 348 ePn 18 30.70 -0.9
eSn 20 00.30
EDI 8.60 346 ePn 18 32.50 -0.4
eSn 20 05.10
KBA 8.81 89 iPnc 18 35.70 -0.2
0.4s 14.30nm 5.6mb X
iPP 18 44.50
i 18 50.40
i 19 12.70
iSn 19 17.70
iSb 20 44.40
i 21 14.40
i 21 19.20
KHC 8.90 75 Pn 18 35.00 -2.0
Pg 18 43.40
e 20 23.80
e 21 08.40
CLL 8.99 61 e(P) 19 14.00 35.7X
(Pg) 20 03.00
e 21 21.00
eSg 21 32.00
EAB 9.06 343 ePn 18 39.00 -0.2
EDU 9.18 348 ePn 18 39.70 -1.1
TRI 9.39 97 eP 19 05.80 22.1X
e 20 19.10
VOY 9.39 95 e(P) 18 47.00 3.2X
e(S) 20 40.00
e 21 24.00
BRG 9.43 65 ePn 18 42.00 -2.4
ePg 19 30.00
e 21 29.00
eSg 21 34.00
PRU 9.62 71 eP 19 02.50 15.5X
e 19 42.50
e 21 33.00
CEY 9.82 96 eP 19 18.30 28.5X
e(Sn) 20 31.90
KSP 10.88 67 eP 19 20.00 15.8X
e 22 22.00
SUF 20.87 34 iP 21 09.70 0.0
0.5s 2.30nm 3.8mb
KJF 22.29 32 eP 21 28.00 4.0X
SOD 23.95 25 eP 21 47.00 6.9X
S.D. = 1.0 on 65 of 83 obs.

SEP 30, 1985 12h 11m 14.01± 0.48s
47.577 N ± 5.9km 0.356 E ± 7.1km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.7 (LDG)
MFF 1.03 200 Pn 11 33.30 -0.2

Sg 11 46.70
LPF 1.05 296 Pn 11 34.[illegible] 0.7
Sg 11 49.00
LDF 1.07 343 Pn 11 33.90 -0.2
Pg 11 34.30
Sg 11 48.60
GRR 1.15 315 Pn 11 35.40 -0.1
Sg 11 51.80
FLN 1.31 335 Pn 11 37.99 -0.3
Pg 11 38.70
Sg 11 56.10
LSF 1.55 148 Pg 11 41.20 -0.5
Sg 11 59.30
TCF 1.81 135 Pg 11 45.40 -0.1
Sg 12 06.50
BGF 1.98 120 Pg 11 48.40 0.4
MZF 2.05 131 Pg 11 49.30 0.4
CAF 2.91 155 Pg 12 06.50 5.3X
Sn 12 31.60
Sg 12 43.50
EPF 4.55 180 Pn 12 18.60 -5.9X
S.D. = 0.5 on 9 of 11 obs.

* SEP 30, 1985 12h 17m 31.76± 0.76s
38.579 N ± 8.5km 75.746 E ±11.3km
DEPTH = 10.0km (geophysicist)
SOUTHERN XINJIANG, CHINA (321)

NDI 9.95 172 eP 19 57.50 -0.2
eS 21 39.50
QUE 11.08 224 eP 20 14.00 0.5
KKN 13.39 141 eP 20 45.30 0.8
0.5s 16.00nm 5.3mb
DMN 13.45 142 eP 20 45.60 0.2
0.5s 10.00nm 5.1mb
PKI 13.63 141 eP 20 47.80 -0.1
0.5s 6.00nm 4.8mb
HYB 21.23 173 eP 22 19.00 -1.1
MBC 65.05 4 eP 28 14.00 0.2
INK 71.20 11 eP 28 52.00 -0.2
S.D. = 0.7 on 8 of 8 obs.

? SEP 30, 1985 12h 46m 29.51± 2.63s
34.890 S ±11.8km 178.378 W ±29.2km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ 4.73 217 P 47 40.70 0.4
S 48 35.10
KRP 5.77 237 eP 47 55.00 0.0
S 48 58.60
CRZ 7.38 271 eP 48 17.70 0.0
MNG 7.51 219 eP 48 19.00 -0.4
S 49 38.00
ASPA 42.75 272 eP 54 26.00 0.5
WB2 44.12 277 iPd 54 36.50 -0.2
e 54 47.80
WRA 44.13 277 Pd 54 36.50 -0.3
0.5s 5.50nm 4.6mb
SOD 144.42 344 ePKP 06 06.00 3.1X
BNG 145.88 211 iPKPd 06 11.00 3.9X
0.9s 5.00nm
ic 06 20.20
KJF 146.62 340 ePKP 06 10.00 3.3X
SUF 148.21 339 iPKP 06 14.50 5.2X
0.4s 1.79nm
NUR 150.36 337 iPKP 06 20.80 8.2X
S.D. = 0.4 on 7 of 12 obs.

SEP 30, 1985 13h 24m 27.40± 0.54s
42.454 N ± 6.0km 18.523 E ± 4.3km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 4.4 (TRI). Felt (V) at Herceg Novi and in the Boko Kotorsko area.

HCY 0.02 250 iPgc 24 28.20 -1.1
iSg 24 29.70
BDV 0.28 127 ePg 24 33.20 -0.1
eSg 24 38.70
NKY 0.50 44 ePg 24 36.50 -1.1
iSg 24 42.20
TFC [illegible] [illegible] [illegible] [illegible] -0.4
i[illegible] [illegible]
ULC 0.72 132 iP[illegible] [illegible] 41.50 -0.2

			iSg	24	53.30	
PVY	1.08	82	ePg	24	48.20	0.4
			iSg	25	05.50	
PLE	1.08	36	ePg	24	47.50	-0.4
			eSg	25	04.50	
IVA	1.10	67	ePg	24	48.40	0.3
			eSg	25	06.00	
VAY	3.23	109	iPn	25	20.40	1.3
CEY	4.41	319	iPn	25	36.80	0.8
	0.5s	269.00nm				
			iSn	26	28.60	
LJU	4.59	323	ePn	25	40.10	1.6
	1.0s	150.00nm				
			eSn	26	34.10	
TRI	4.73	315	ePn	25	40.20	-0.2
			iSn	26	33.90	
			iSg	26	57.00	
VOY	4.88	319	iPn	25	42.10	-0.6
			iSn	26	39.40	
KBA	5.91	323	ePn	25	56.50	-0.8
			i	27	07.30	
MLR	6.15	58	eP	26	07.00	6.3X
KHC	7.52	334	Pn	26	22.80	3.1X
			Sg	27	43.50	
	S.D. = 0.9		on 14 of 16 obs.			

% SEP 30, 1985 14h 12m 02.43± 0.71s
38.760 N ± 6.0km 27.699 E ± 9.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.50	224	iPg	12	12.50	0.0
			iSg	12	17.50	
DST	1.11	40	iPn	12	24.00	0.7
EZN	1.51	315	ePn	12	29.90	0.5
EDC	1.59	5	iPn	12	29.80	-0.9
BNT	1.60	6	iPn	12	30.10	-0.8
YER	1.69	164	ePn	12	32.10	0.0
KGT	1.72	350	ePn	12	33.10	0.6
	S.D. = 0.8		on 7 of 7 obs.			

• SEP 30, 1985 14h 50m 00.33± 0.87s
41.505 N ±12.5km 22.227 E ±10.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.0 (KNT).

VAY	0.32	125	iPg	50	06.70	-0.2
			iSg	50	10.30	
GRG	0.56	166	ePgc	50	12.00	0.2
			eSg	50	21.30	
KNT	0.61	124	ePgc	50	12.10	-0.5
			eSg	50	19.90	
SKO	0.75	309	ePg	50	15.00	-0.1
			eSg	50	26.00	
SOH	1.09	128	ePgc	50	20.80	-0.1
			eSg	50	35.30	
SRS	1.10	110	ePg	50	21.60	0.6
	S.D. = 0.5		on 6 of 6 obs.			

• SEP 30, 1985 15h 00m 47.99± 1.13s
34.568 N ± 9.6km 140.500 E ±11.6km
DEPTH = 75.0 ± 8.0 km
4.9mb (6 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

TAT	0.67	309	iPd	01	02.30	-0.7
			S	01	12.00	
OSH	0.94	282	iPd	01	06.10	-0.2
			iS	01	19.40	
YOK	1.11	322	iPd	01	08.50	0.1
			iS	01	23.10	
AJI	1.25	293	Pd	01	10.00	-0.2
			S	01	26.20	
MIS	1.40	293	eP	01	12.00	-0.2
			iS	01	30.30	
MAT	2.71	317	iPd	01	30.40	0.2
			iS	02	04.30	
SHK	6.46	272	eP	02	24.40	2.0
BJI	20.08	293	eP	05	18.00	0.3
PKI	47.21	277	eP	09	15.90	0.3
	0.8s	9.00nm			4.8mb	
KKN	47.24	278	eP	09	16.30	0.7
	0.8s	17.00nm			5.0mb	
DMN	47.45	277	eP	09	14.90	-2.5
MTN	47.98	192	eP	09	21.00	-0.2
			e	10	24.00	
WB2	54.52	187	eP	10	10.20	-0.2
WRA	54.52	187	Pc	10	10.30	-0.1
	0.5s	7.20nm			5.0mb	
INK	56.92	26	eP	10	27.00	-0.1
GBA	60.30	266	Pd	10	51.30	0.0
	0.3s	2.40nm			4.8mb	
KJF	68.41	334	eP	11	42.00	-1.3
SUF	69.85	333	iP	11	52.50	0.4
	0.4s	1.50nm			4.3mb	
NAO	76.46	337	P	12	30.90	0.1
	0.6s	0.70nm			3.8mb X	
EUR	77.98	50	iP	12	41.50	1.6
	0.2s	7.82nm			5.3mb	
	S.D. = 1.0		on 20 of 20 obs.			

• SEP 30, 1985 15h 38m 37.28± 1.43s
35.180 S ±12.3km 178.403 W ±17.8km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

GNZ	4.49	219	P	39	45.80	1.1
			S	40	39.40	
KRP	5.59	239	P	40	00.00	-0.3
			S	41	03.00	
MNG	7.27	220	eP	40	23.00	-0.9
			eS	40	38.00	
CRZ	7.37	273	P	40	25.80	0.5
BRS	25.76	280	eP	44	10.00	3.3X
ASPA	42.74	272	eP	46	33.00	-0.2
WB2	44.14	277	eP	46	44.30	-0.3
WRA	44.15	277	Pd	46	44.60	-0.1
	0.8s	7.10nm			4.5mb	
BNG	145.62	211	iPKPc	58	17.00	2.6X
	0.8s	10.00nm				
			id	58	27.40	
KJF	146.89	339	iPKP	58	20.70	5.8X
	0.7s	10.70nm				
			i	58	27.00	
SUF	148.47	339	ePKP	58	24.00	6.5X
	0.6s	3.10nm				
NUR	150.62	337	ePKP	58	21.00	0.2
KIC	150.73	167	ePKP	58	31.90	9.5X
NAO	153.66	350	PKP	58	45.20	20.0X
	0.9s	2.30nm				
	S.D. = 0.7		on 8 of 14 obs.			

SEP 30, 1985 15h 39m 14.57± 0.87s
40.264 N ± 8.0km 27.086 E ± 8.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KGT	0.25	42	iPg	39	20.60	0.7
EDC	0.60	82	iPg	39	25.80	-0.9
			iSg	39	33.80	
BNT	0.64	82	iPg	39	26.10	-1.4
			iSg	39	35.10	
EZN	0.73	233	iPg	39	28.90	0.0
			iSg	39	38.90	
KCT	0.97	90	ePg	39	32.10	-1.0
			eSg	39	45.60	
CTT	1.35	49	iPn	39	38.60	-0.8
DST	1.36	119	iPn	39	40.00	0.5
DMK	1.64	18	iPn	39	42.90	-0.6
ISK	1.70	61	iPn	39	44.60	0.2
IZM	1.87	176	iPn	39	46.50	-0.4
HRT	2.05	73	ePn	39	51.60	2.1
GPA	2.47	88	ePn	39	57.00	1.5
VAY	3.59	289	ePn	40	48.00	36.6X
	S.D. = 1.2		on 12 of 13 obs.			

SEP 30, 1985 16h 12m 03.40± 0.95s
27.207 S ± 4.6km 71.839 W ±14.1km
DEPTH = 33.0km (normal)
NEAR COAST OF NORTHERN CHILE (122)

VCA	3.56	116	ePd	12	58.60	0.7
			S	13	43.20	
ANT	3.72	21	iPc	13	00.50	0.6
			iS	14	04.00	
RTC8	5.02	149	ePc	13	18.70	0.2
RTLL	5.05	145	e(P)	13	13.60	-5.3X
ZON	5.13	148	eP	13	23.00	3.0X
CFA	5.39	145	ePd	13	23.50	-0.2
CYA	5.49	104	iPc	13	26.00	0.9
JACH	5.56	169	eP	13	26.50	0.4
PEL	6.00	171	eP	13	39.00	6.7X
SLA	6.22	68	ePc	13	39.00	3.5X
BACH	6.23	170	eP	13	36.50	0.9
SAN	6.31	171	eP	13	36.00	-0.6
LNV	6.74	177	eP	13	51.00	8.5X
			i	14	13.10	
CHCH	6.78	172	eP	13	42.50	-0.7
YJA	7.64	50	e(P)	13	55.80	0.2
TPZ	7.99	46	P	14	08.00	7.5X
CNCB	10.95	20	iP	14	42.40	1.0
CCH	11.11	29	P	14	41.50	-1.8
LPB	11.17	19	eP	14	45.00	0.7
			LR	18	30.00	
ZOBO	11.42	18	P	14	47.70	-0.7
	0.6s	18.87nm			5.5mb	
	Z 18s	0.42um			5.2Msz	
			LR	18	52.00	
VAO	22.89	85	eP	17	03.10	-2.3
BMA	25.48	86	e(P)	17	24.00	-6.3X
	S.D. = 1.1		on 15 of 22 obs.			

SEP 30, 1985 16h 19m 47.18± 0.26s
17.167 N ± 5.9km 93.977 E ± 4.4km
DEPTH = 10.0km (geophysicist)
4.8mb (18 obs.) 4.1Msz (1 obs.)
BAY OF BENGAL (319)

BDT	4.80	88	eP	20	58.80	-2.5
KHT	5.03	117	eP	21	05.40	0.9
NST	6.09	103	eP	21	20.50	1.0
NNT	7.19	128	eP	21	44.00	9.1X
LOE	7.41	87	eP	21	38.00	-0.1
PCT	7.57	108	eP	21	51.00	10.8X
SHL	8.58	347	iP	21	53.20	-1.4
PKI	13.03	324	eP	22	53.40	-2.0
DMN	13.23	323	eP	22	57.10	-0.9
KKN	13.27	324	eP	22	57.80	-0.7
	0.5s	18.00nm			5.4mb	
HYB	14.73	273	eP	23	15.80	-1.8
GBA	16.34	260	P	23	38.00	-0.3
			S	26	10.00	
NDI	19.20	310	eP	24	15.00	1.1
			eS	27	30.00	
POO	19.21	277	eP	24	15.00	0.9
LZH	20.78	23	eP	24	33.00	1.8
MEK	49.63	151	eP	28	40.50	-0.5
MUN	53.31	156	eP	29	08.00	-0.7
WRA	54.14	131	Pc	29	14.30	-0.7
	0.6s	2.10nm			4.3mb	
WB2	54.15	131	eP	29	14.10	-0.9
			e	30	18.70	
MLR	62.61	313	eP	30	15.00	0.8
KJF	64.39	334	iP	30	25.40	0.0
	0.6s	10.40nm			5.2mb	
SUF	64.75	332	iP	30	28.00	0.3
	0.3s	4.40nm			5.1mb	
NUR	65.04	329	iP	30	29.90	0.3
MTD	70.11	245	eP	31	03.60	1.3
PRU	70.29	318	P	31	03.50	0.7
HFS	70.44	328	eP	31	03.50	0.0
	0.6s	5.70nm			4.9mb	
	Z 18s	0.10um			4.1Msz	
			LR	04	26.00	
BRG	70.62	319	iP	31	05.20	0.5
	0.8s	14.00nm			5.1mb	
KHC	70.98	317	iPc	31	07.50	0.5
VOY	71.03	313	ePKP	31	03.30	-4.1X
			i	31	07.70	
			i	31	18.60	
KBA	71.31	315	e(P)	31	08.00	-1.2
NAO	71.84	329	P	31	11.50	-0.4
	0.7s	2.80nm			4.5mb	
MOX	72.11	318	eP	31	14.00	0.2
LSZ	72.45	247	iP	31	16.00	-0.4
			i	31	27.70	
OGA	72.91	315	iPc	31	18.60	-0.2
	0.9s	9.00nm			4.9mb	
OSS	73.53	314	ePc	31	22.70	0.3
BUL	74.10	243	iPc	31	25.90	-0.1
	0.7s	6.51nm			4.8mb	
LLS	74.29	315	ePc	31	26.90	0.1
TMA	74.49	314	eP+	31	27.80	-0.1
BNG	74.79	270	iPd	31	28.80	-1.3
	0.5s	5.00nm			4.8mb	
			id	31	40.80	
CDF	75.20	317	eP	31	31.90	0.0
DIX	75.49	314	ePc	31	34.70	0.9
LPG	76.05	314	eP	31	37.40	0.4

30d 16h

	0.8s	5.30nm		4.7mb		
FRF	76.48	312	eP	31 39.50	0.4	
	0.8s	15.70nm		5.2mb		
LMR	76.62	311	eP	31 40.40	0.5	
	0.8s	6.40nm		4.8mb		
LRG	76.70	312	eP	31 41.20	0.9	
	0.8s	16.10nm		5.2mb		
LBF	77.65	316	eP	31 45.80	0.2	
	0.8s	3.20nm		4.5mb		
SMF	77.82	315	eP	31 46.60	0.2	
	0.8s	2.60nm		4.4mb		
AVF	78.11	315	eP	31 48.20	0.2	
DAG	78.44	347	iPc	31 49.00	-0.3	
	0.7s	8.22nm		4.9mb		
MZF	78.76	315	eP	31 52.40	0.8	
	0.8s	3.80nm		4.5mb		
MBC	84.63	8	eP	32 22.00	0.3	
JCT	130.81	16	ePKP	39 02.00	1.0	
	S.D. = 0.9	on	49 of	52 obs.		

% SEP 30, 1985 16h 59m 05.40± 1.06s
38.825 N ± 6.3km 26.991 E ±12.7km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

IZM	0.48	153	iPg	59 15.50	0.4	
			iSg	59 20.50		
EZN	1.12	333	iPg	59 25.90	-0.6	
			iSg	59 36.90		
DST	1.49	58	ePn	59 32.00	-0.3	
KGT	1.64	8	ePn	59 34.10	-0.3	
EDC	1.66	24	iPn	59 35.80	1.1	
BNT	1.69	25	ePn	59 36.00	0.9	
KCT	1.77	33	ePn	59 37.60	1.3	
YER	1.97	148	ePn	59 39.10	-0.2	
CTT	2.57	25	ePn	59 48.00	0.3	
ISK	2.74	35	ePn	59 55.00	4.7X	
HRT	2.87	45	ePn	00 02.00	10.0X	
GPA	2.95	59	ePn	59 51.00	-2.2	
DMK	3.05	11	ePn	59 53.90	-0.6	
	S.D. = 1.1	on	11 of	13 obs.		

• SEP 30, 1985 18h 01m 17.95± 1.03s
38.625 N ±10.9km 21.406 E ±12.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.1 (ATH).

VLS	0.78	235	ePg	01 33.00	-0.2	
LIT	1.70	29	eP	01 46.40	-1.4	
			eS	02 12.70		
KZN	1.70	9	ePn	01 49.50	1.6	
			eSg	02 22.00		
ATH	1.93	109	ePg	01 51.50	0.4	
			eSn	02 11.00		
VAY	2.84	18	ePn	02 03.70	-0.4	
SKO	3.34	0	ePn	02 17.00	5.7X	
	S.D. = 1.5	on	5 of	6 obs.		

& SEP 30, 1985 20h 08m 57.01s
61.863 N 149.842 W
DEPTH = 46.4km
SOUTHERN ALASKA (2)
<AGS-P>.

PWA	0.21	185	iP	09 04.99	-0.1	
PLRM	0.43	128	iP	09 06.47	-0.8	
PMR	0.43	128	eP	09 06.66	-0.6	
			eS	09 14.92		
GHO	0.45	101	iP	09 07.32	-0.2	
			eS	09 15.04		
PME	0.45	121	iPc	09 06.90	-0.6	
PMS	0.64	168	iP	09 09.10	-0.8	
SML	0.72	94	iP	09 10.50	-0.5	
KNK	0.80	124	iP	09 11.64	-0.5	
			eS	09 23.43		
PTE	1.08	158	iP	09 14.96	-0.9	
			eS	09 30.82		
CGLM	1.18	243	iP	09 16.77	-0.6	
			eS	09 32.11		
SCM	1.19	90	iP	09 17.70	0.1	
			eS	09 33.50		
CFI	1.21	124	eP	09 17.29	-0.4	
			eS	09 35.70		
PWL	1.24	144	iP	09 17.43	-0.8	
			eS	09 34.57		
CRP	1.26	243	iP	09 18.07	-0.6	
			eS	09 34.33		
SPU	1.26	238	iP	09 17.75	-0.8	
			eS	09 34.80		
NKA	1.31	212	eP	09 20.52	1.3	
SLKM	1.37	188	eP	09 18.94	-1.2	
			eS	09 36.42		
MPA	1.40	170	iP	09 19.12	-1.3	
			eS	09 38.73		
GLI	1.65	126	iP	09 23.43	-0.6	
			eS	09 45.98		
TOA	1.75	80	iPd	09 26.30	0.8	
VZW	1.77	116	eP	09 25.42	-0.4	
SEW	1.78	174	eP	09 24.81	-0.9	
RDT	1.79	225	iP	09 25.17	-0.9	
			eS	09 46.94		
KNIM	1.83	145	iP	09 24.66	-1.9	
KLU	1.91	100	eP	09 27.47	-0.2	
			eS	09 52.17		
FID	1.97	123	iP	09 27.20	-1.3	
MTU	2.16	149	eP	09 29.50	-1.8	
HIN	2.19	131	iP	09 30.46	-1.2	
ILM	2.22	222	eP	09 31.70	-0.4	
CNPM	2.44	197	eP	09 35.70	0.4	
			eS	10 07.18		
SGAM	2.63	119	eP	09 39.60	1.6	
SVW	2.87	257	eP	09 39.70	-1.8	
GLB	2.91	96	eP	09 41.20	-0.8	
TTA	3.07	293	eP	09 43.00	-1.2	
COL	3.19	16	eP	09 45.00	-0.8	
FBA	3.19	16	eP	09 45.60	-0.2	
WAX	3.67	110	eP	09 53.52	0.7	
CTGM	4.19	99	eP	09 59.47	-0.7	
IMA	4.55	340	eP	10 03.80	-1.4	
	39 obs. associated					

? SEP 30, 1985 20h 26m 30.21± 3.87s
33.222 S ± 9.3km 72.109 W ±33.8km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.94	142	iPc	26 47.00	0.0	
			iS	26 59.50		
ROCH	0.95	75	iPd	26 46.50	-1.0	
TACH	1.07	114	iPc	26 48.70	-0.2	
			i(S)	27 01.10		
PEL	1.20	87	iPd	26 51.00	0.3	
SAN	1.23	101	iPd	26 51.00	-0.2	
			iS	27 06.90		
BACH	1.36	96	iPd	26 53.20	0.1	
JACH	1.38	68	iP	26 53.50	0.0	
PCH	1.39	107	iPc	26 53.70	0.1	
			iS	27 10.00		
CHCH	1.41	121	iP	26 54.00	0.2	
FCH	1.53	94	iPd	26 56.10	0.3	
RTCB	3.29	59	ePc	27 22.80	2.0	
			S	28 07.40		
ZON	3.35	61	eP	27 24.00	2.5	
			eS	28 14.00		
RTLL	3.61	60	ePc	27 28.70	3.4X	
			S	28 17.40		
CFA	3.65	65	ePc	27 23.10	-2.7	
			S	28 21.20		
VCA	5.59	38	ePd	27 53.20	-0.1	
			S	29 09.00		
CYA	7.22	50	e(P)	28 15.00	-1.2	
SLA	10.25	36	eP	29 02.80	4.5X	
	S.D. = 1.3	on	15 of	17 obs.		

• SEP 30, 1985 22h 33m 17.62± 1.24s
27.941 N ±11.1km 140.648 E ±20.9km
DEPTH = 33.0km (normal)
5.0mb (5 obs.)
BONIN ISLANDS REGION (212)

MAT	8.82	347	(P)	35 27.00	1.2	
			($)	37 10.00		
NJ2	19.31	288	eP	37 45.00	2.2	
TIA	21.53	298	eP	38 06.10	0.1	
BJI	23.53	307	eP	38 23.50	-2.0	
TIY	25.55	300	eP	38 45.30	0.2	
HHC	27.10	306	P	38 58.60	-0.8	
XAN	27.80	291	eP	39 05.00	-0.7	
CD2	32.18	284	eP	39 44.70	0.0	
GTA	35.58	299	P	40 13.80	-0.3	
WMQ	44.97	305	P	41 31.00	-0.6	
WB2	47.99	188	eP	41 55.80	0.4	
WRA	47.99	188	Pd	41 55.30	-0.1	
	0.8s	22.80nm		5.3mb		
PKI	48.52	283	eP	42 00.20	0.2	
	1.0s	14.00nm		4.9mb		
KKN	48.58	284	eP	42 00.80	0.5	
	0.8s	20.00nm		5.2mb		
DMN	48.77	283	eP	42 02.40	0.6	
	0.7s	11.00nm		5.0mb		
GBA	60.22	270	Pd	43 25.30	0.1	
	1.4s	8.60nm		4.7mb		
QUE	63.37	292	eP	43 45.30	-1.0	
	S.D. = 1.0	on	17 of	17 obs.		

• SEP 30, 1985 23h 08m 22.65± 1.16s
50.776 N ±11.8km 130.146 W ±15.7km
DEPTH = 10.0km (geophysicist)
4.2mb (6 obs.)
VANCOUVER ISLAND REGION (25)

PHC	1.73	91	eP	08 51.00	-1.8	
MCW	5.19	111	eP	09 41.00	-1.1	
GMW	5.81	121	eP	09 50.00	-0.9	
BFW	6.29	130	eP	09 57.00	-0.7	
LON	6.82	123	eP	10 04.50	-0.7	
PNT	6.94	98	eP	10 10.00	3.2X	
SHW	6.97	128	eP	10 06.00	-1.4	
NEW	8.84	101	eP	10 30.00	-3.4X	
WDC	11.49	150	eP	11 11.30	1.6	
HPI	13.55	115	eP	11 38.00	0.5	
BMN	13.72	134	eP	11 49.00	9.4X	
JAS1	14.59	148	eP	11 58.80	7.9X	
EUR	15.06	133	iP	11 58.50	1.3	
	0.5s	6.92nm		4.3mb		
DUG	16.07	124	eP	12 12.00	1.7	
PRI	16.14	151	eP	12 16.90	5.7X	
BDW	16.17	112	eP	12 13.10	1.5	
	0.9s	15.73nm		4.1mb		
FFC	17.45	66	iPc	12 29.00	1.6	
	1.0s	10.00nm		3.9mb		
INK	17.66	356	eP	12 32.00	2.1	
IMA	19.47	331	eP	12 50.00	-2.2	
GLA	20.99	142	eP	13 08.80	0.4	
ALQ	23.34	124	eP	13 32.00	0.0	
	1.1s	9.18nm		4.2mb		
LTX	29.22	127	eP	14 26.50	-0.1	
	0.9s	1.54nm		3.8mb		
JCT	30.35	120	iP	14 35.00	-1.6	
	0.8s	4.48nm		4.4mb		
	S.D. = 1.5	on	18 of	23 obs.		

• SEP 30, 1985 23h 11m 57.08± 0.64s
27.989 N ±10.8km 140.755 E ± 9.6km
DEPTH = 33.0km (normal)
5.0mb (9 obs.)
BONIN ISLANDS REGION (212)

MAT	8.80	346	(P)	14 06.00	1.1	
	1.0s	16.00nm		5.1mb		
			eS	15 28.00		
SHK	9.50	315	eP	14 18.30	3.6X	
NJ2	19.39	287	Pc	16 25.00	1.9	
CN2	20.01	326	eP	16 32.20	2.4	
TIA	21.59	298	eP	16 45.80	-0.3	
WHN	23.16	283	eP	17 00.00	-1.5	
BJI	23.57	307	eP	17 05.00	-0.4	
TIY	25.61	299	eP	17 25.00	-0.1	
HHC	27.15	306	Pc	17 39.00	-0.3	
CD2	32.26	284	eP	18 24.60	-0.3	
GTA	35.64	299	P	18 53.70	-0.4	
WB2	48.05	188	iPc	20 36.20	0.8	
WRA	48.05	188	Pd	20 35.60	0.2	
	0.8s	25.60nm		5.3mb		
PKI	48.60	283	eP	20 40.70	0.7	
	1.0s	30.00nm		5.3mb		
KKN	48.66	284	eP	20 41.20	0.8	
	0.9s	48.00nm		5.5mb		
DMN	48.85	283	eP	20 39.20	-2.7	
	0.6s	27.00nm		5.5mb		
COL	57.16	29	eP	21 43.00	0.3	
GBA	60.32	270	P	22 07.00	1.7	
	1.0s	3.40nm		4.4mb		
INK	62.75	25	eP	22 21.00	0.1	
QUE	63.44	292	eP	22 25.70	-0.6	
MBC	65.36	15	eP	22 36.00	-1.9	
KJF	74.44	335	iP	23 33.80	0.5	
PNT	75.15	42	eP	23 39.00	1.2	
	0.6s	5.00nm		4.7mb		
SUF	75.84	334	iP	23 40.20	-1.2	

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       0.7s      3.20nm          4.4mb    |
NEW    77.10   42 eP     23 49.00    0.2   |
LRM    81.08   43 eP     24 10.60   -0.1   |
NAO    82.60  338 P      24 15.80   -2.1   |
       0.9s      4.00nm          4.5mb    |
ZOBO  150.89   72 PKP    31 45.50    2.2X  |
     S.D. = 1.3  on  26 of  28 obs.        |
                                           |
*  SEP  30, 1985  23h 20m 14.09± 0.84s     |
   39.203 N ± 6.0km   23.673 E ±13.7km     |
   DEPTH =  10.0km  (geophysicist)         |
 AEGEAN SEA                        (365)   |
      ML 2.8 (ATH).                        |
                                           |
PAIG    0.72    0 ePgc   20 29.20    0.9   |
OUR     1.16   12 ePbc   20 35.50   -0.2   |
ATH     1.23  178 ePn    20 37.00    0.1   |
                  eSg    20 52.00          |
LIT     1.28  315 ePb    20 37.80    0.0   |
                  eSb    20 58.70          |
SOH     1.64  351 ePnc   20 42.90   -0.1   |
KZN     1.83  308 ePn    20 50.50    4.5X  |
                  eSb    21 18.00          |
SRS     1.91  358 ePnc   20 46.30   -0.7   |
GRG     2.01  331 ePn    20 48.50    0.1   |
VAY     2.28  339 ePn    20 59.00    6.7X  |
     S.D. = 0.6  on   7 of   9 obs.        |
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THE GREAT MICHOACAN, MEXICO EARTHQUAKE OF SEPTEMBER 19, 1985

At least 9,500 people were killed, about 30,000 were injured, more than 100,000 people were left homeless, and severe damage was caused in parts of Mexico City and in several states of central Mexico. According to some sources, the death toll from this earthquake may be as high as 35,000. It is estimated that the quake seriously affected an area of approximately 825,000 square kilometers, caused between 3 and 4 billion dollars of damage, and was felt by almost 20 million people. Four hundred twelve buildings collapsed and another 3,124 were seriously damaged in Mexico City. About 60 percent of the buildings were destroyed at Ciudad Guzman, Jalisco. Damage also occurred in the states of Colima, Guerrero, Mexico, Michoacan, Morelos, parts of Veracruz and in other areas of Jalisco.

The maximum Modified Mercalli intensity was IX at Mexico City, Ciudad Guzman and the Pacific Coast towns of Lazaro Cardenas, Ixtapa and La Union. Felt reports were received from Mazatlan, Sinaloa to Tuxtla Gutierrez, Chiapas, and as far away as Guatemala City, Guatemala and Houston, Texas. The quake was also felt at Brownsville, McAllen, Corpus Christi, Ingram and El Paso, Texas. It was felt very strongly by people on board the ship "Nedlloyd Kyoto" located at 17° 35.4' North, 102° 36.9' West.

Landslides caused damage at Atenquique, Jalisco and near Jala, Colima. Rockslides were reported along the highways in the Ixtapa area and sand blows and ground cracks were observed at Lazaro Cardenas.

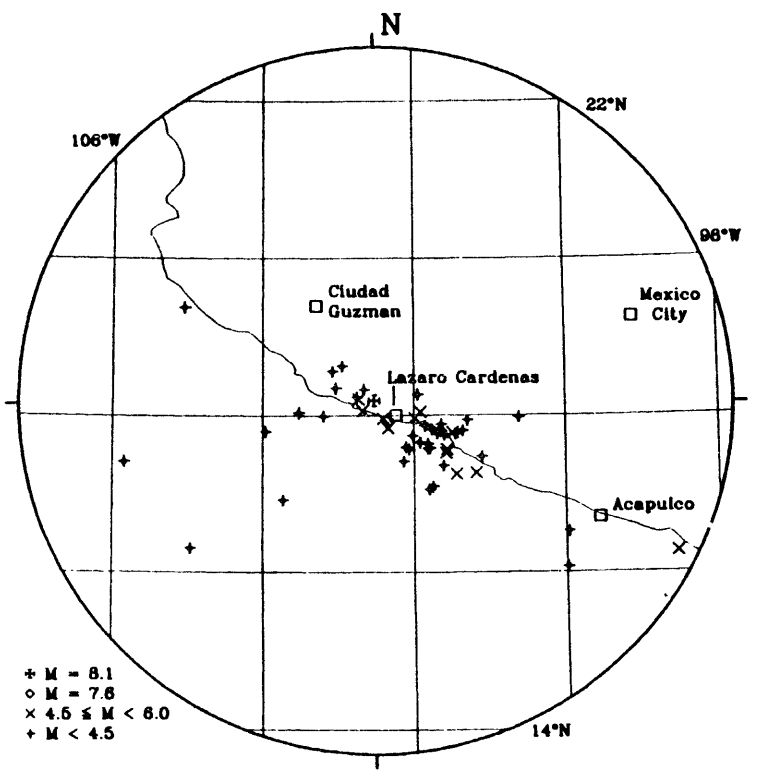
A tsunami was generated which caused some damage at Lazaro Cardenas, Zihuatenejo and Manzanillo. Estimated wave heights were 3 meters at Zihuatenejo and 2.8 meters at Lazaro Cardenas. Tide stations recorded maximum wave heights (peak-to-trough) of 1.4 meters at Acapulco, Mexico, 60 cm. at La Libertad, Ecuador; 58 cm. at Acajutla, El Salvador, 24 cm. at Kahului, Hawaii and at Pago Pago, American Samoa, 22 cm. at Hilo, Hawaii; 21 cm. at Baltra Island, Galapagos; 14 cm. at Apia, Samoa; 7 cm. at Rikitea, Gambier Islands; and 5 cm. at Papeete, Tahiti. There were some reports, still unconfirmed, that some ships off the Pacific coast of Mexico observed unusually heavy seas up to 30 meters high near the time of the earthquake, and that some fishing boats were reported missing.

Seiches were observed in East Galveston Bay, Texas and in swimming pools in Texas, New Mexico, Colorado and Idaho. Water well fluctuations were recorded at Ingleside, Texas; Santa Fe, New Mexico; Rollo, Missouri; Hillsborough County, Florida; and Smithsburg, Maryland.

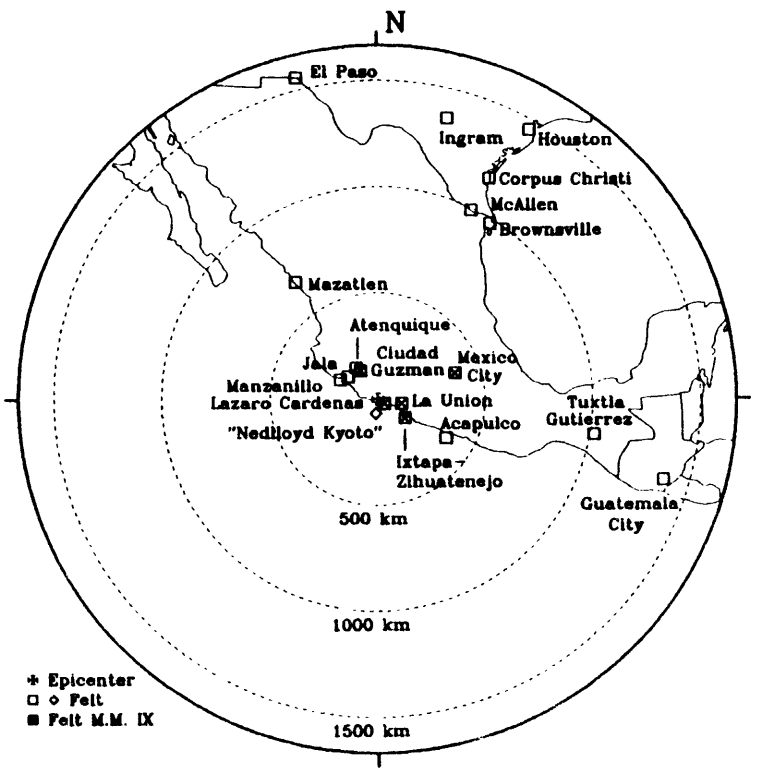
A large percentage of the buildings which were damaged in Mexico City were between 8 and 18 stories high, indicating possible resonance effects with dominant two-second period horizontal ground accelerations which were recorded in the area.

[compiled from press reports, Foreign Broadcast Information Service and personal communication with Cinna Lomnitz, Universidad Nacional Autonomo de Mexico, Mexico City and Lloyd S. Cluff, Pacific Gas and Electric Co., San Francisco.]

Michoacan, Mexico Earthquake and Aftershocks, September 1985



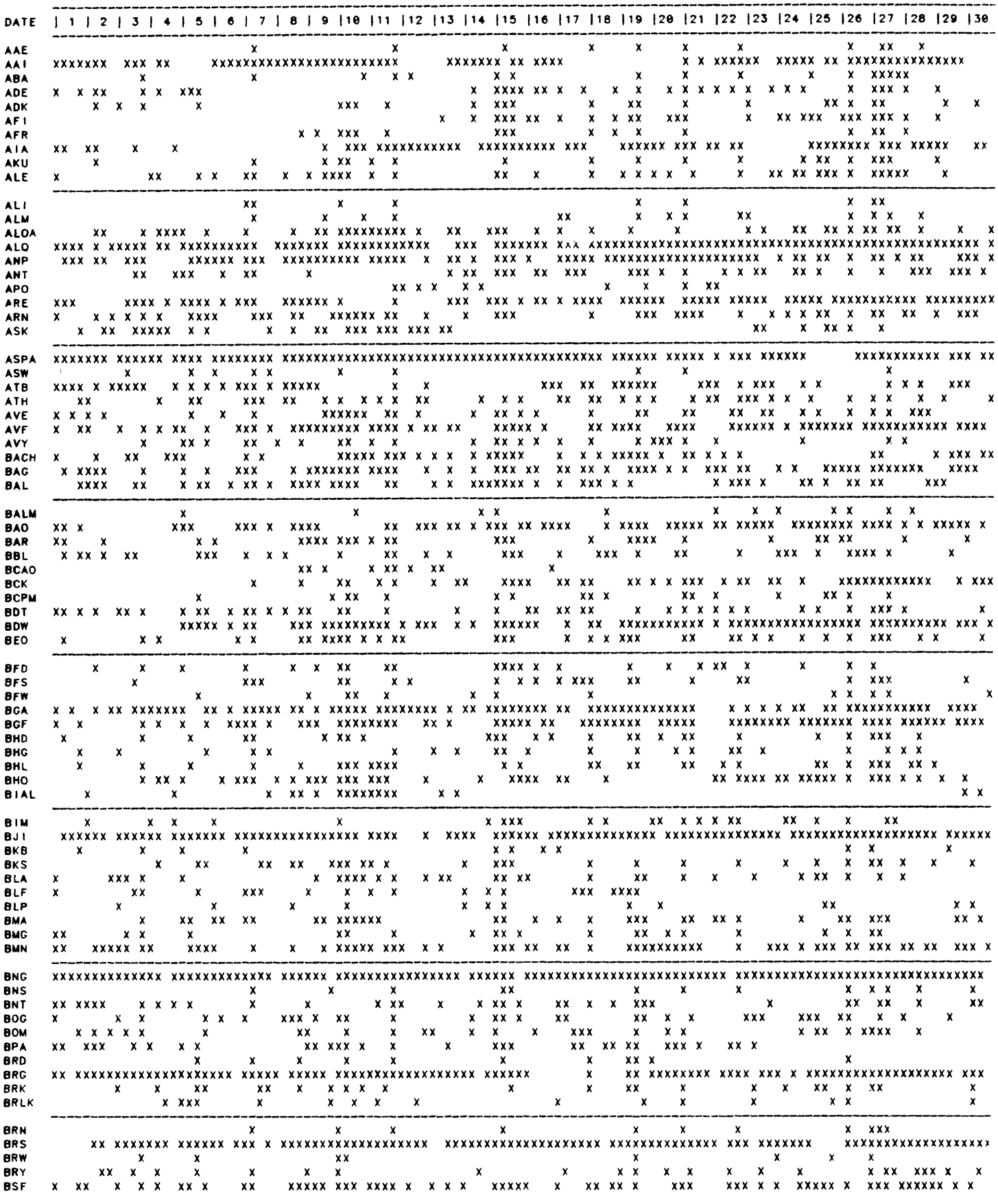
Extent of Felt Reports for Michoacan Earthquake of September 19, 1985

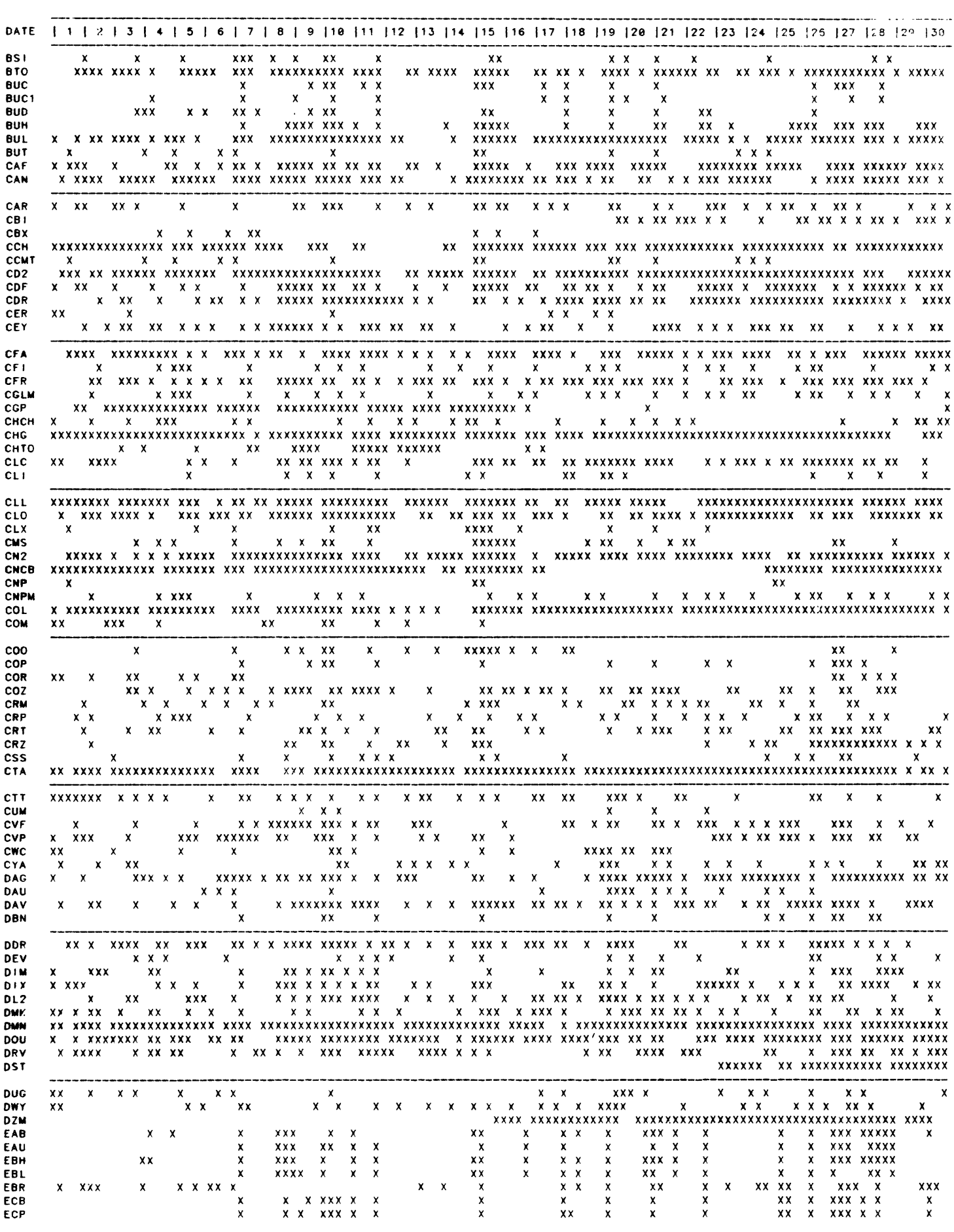


STATION DATA REPORT FOR SEPTEMBER, 1985

1075 stations reported 58487 reoding orrival groups

X = dota received for this 6-hour time period

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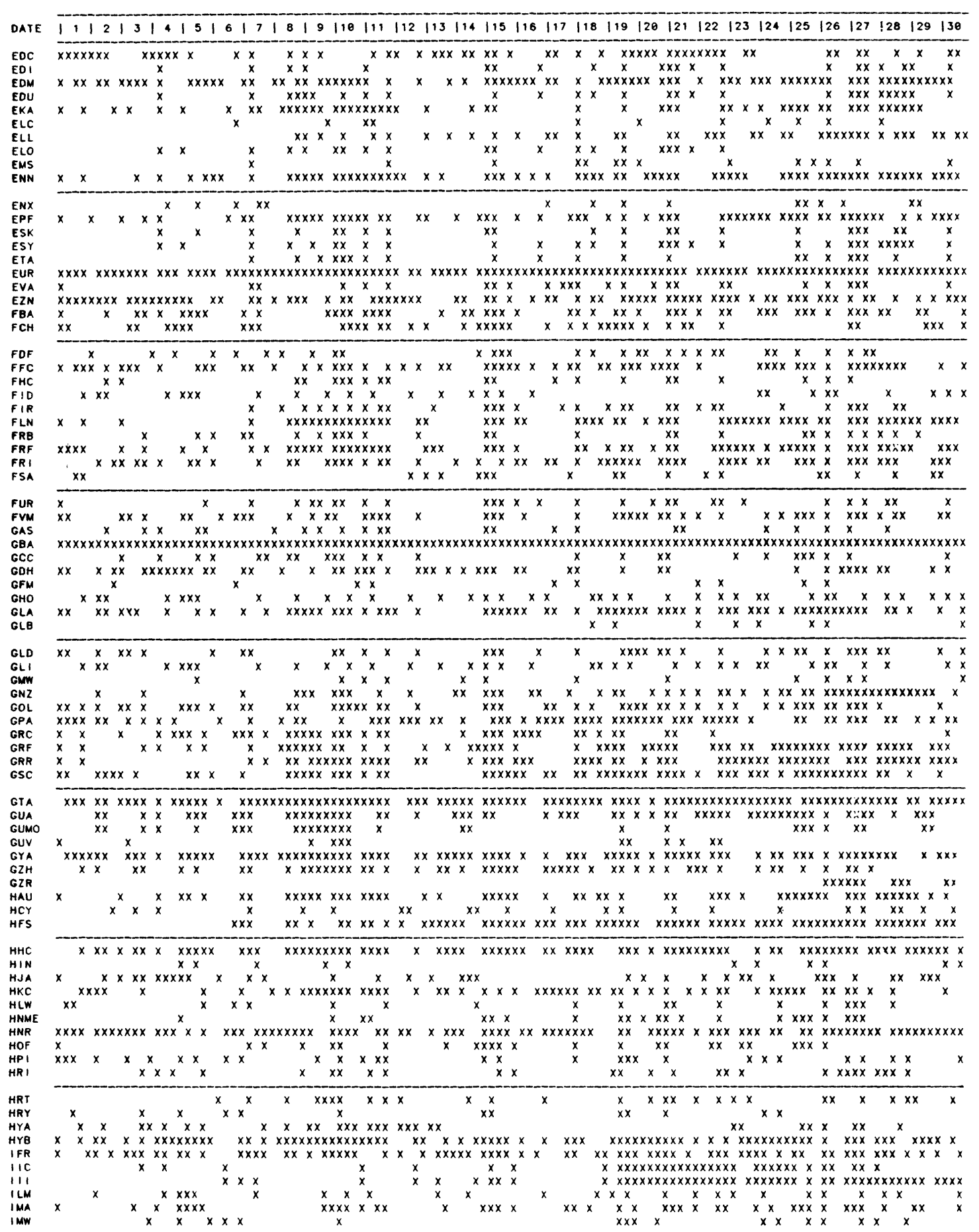
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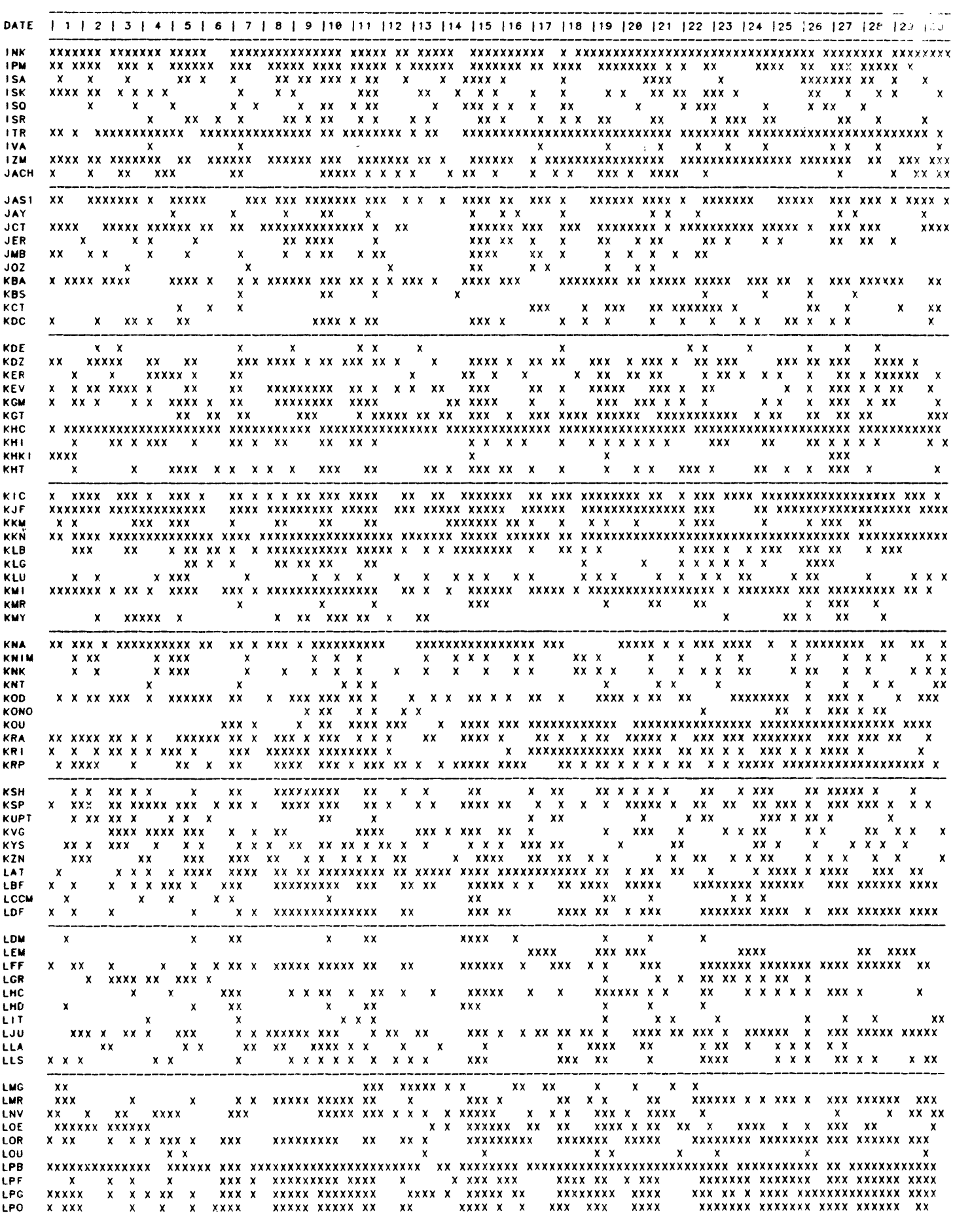
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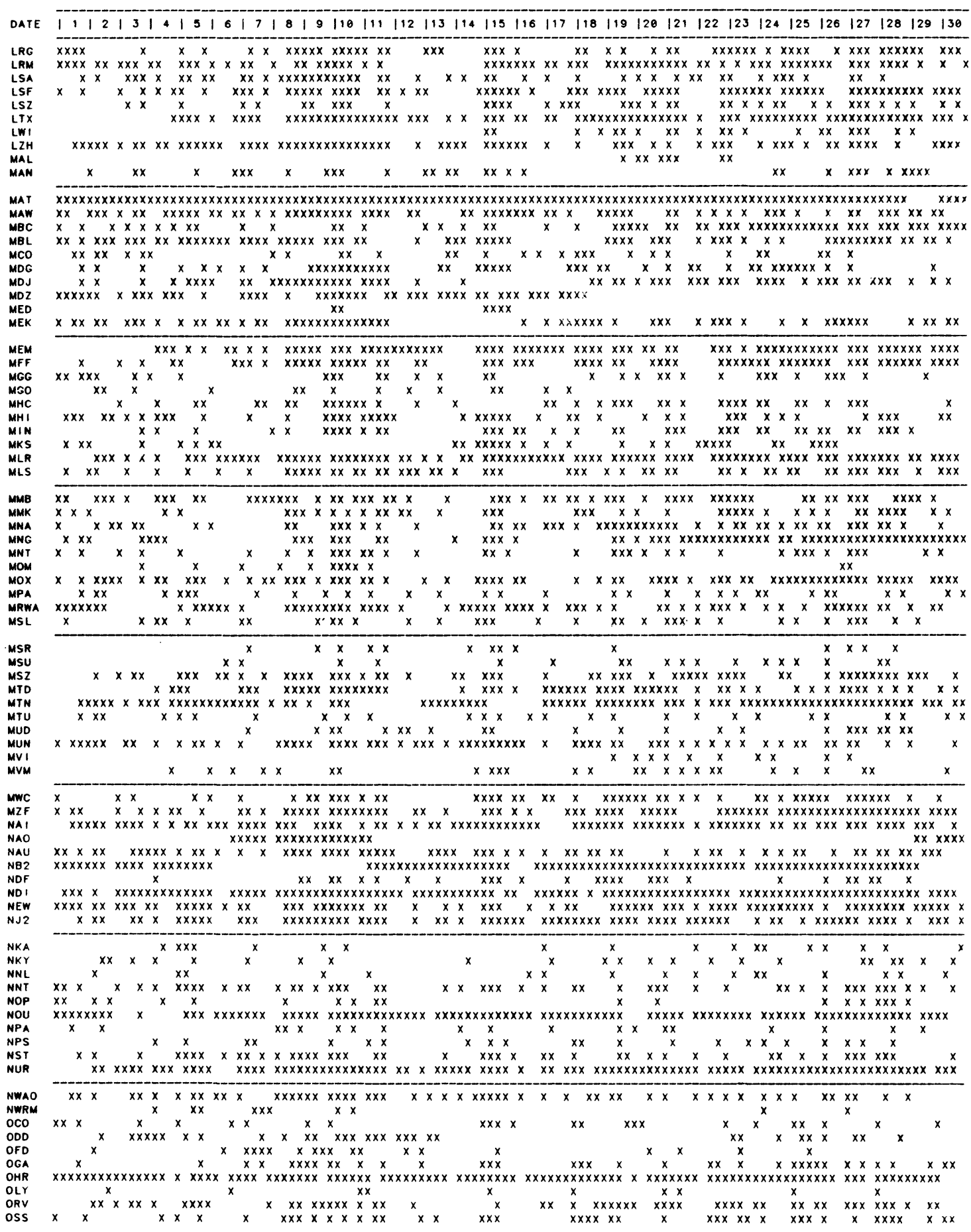
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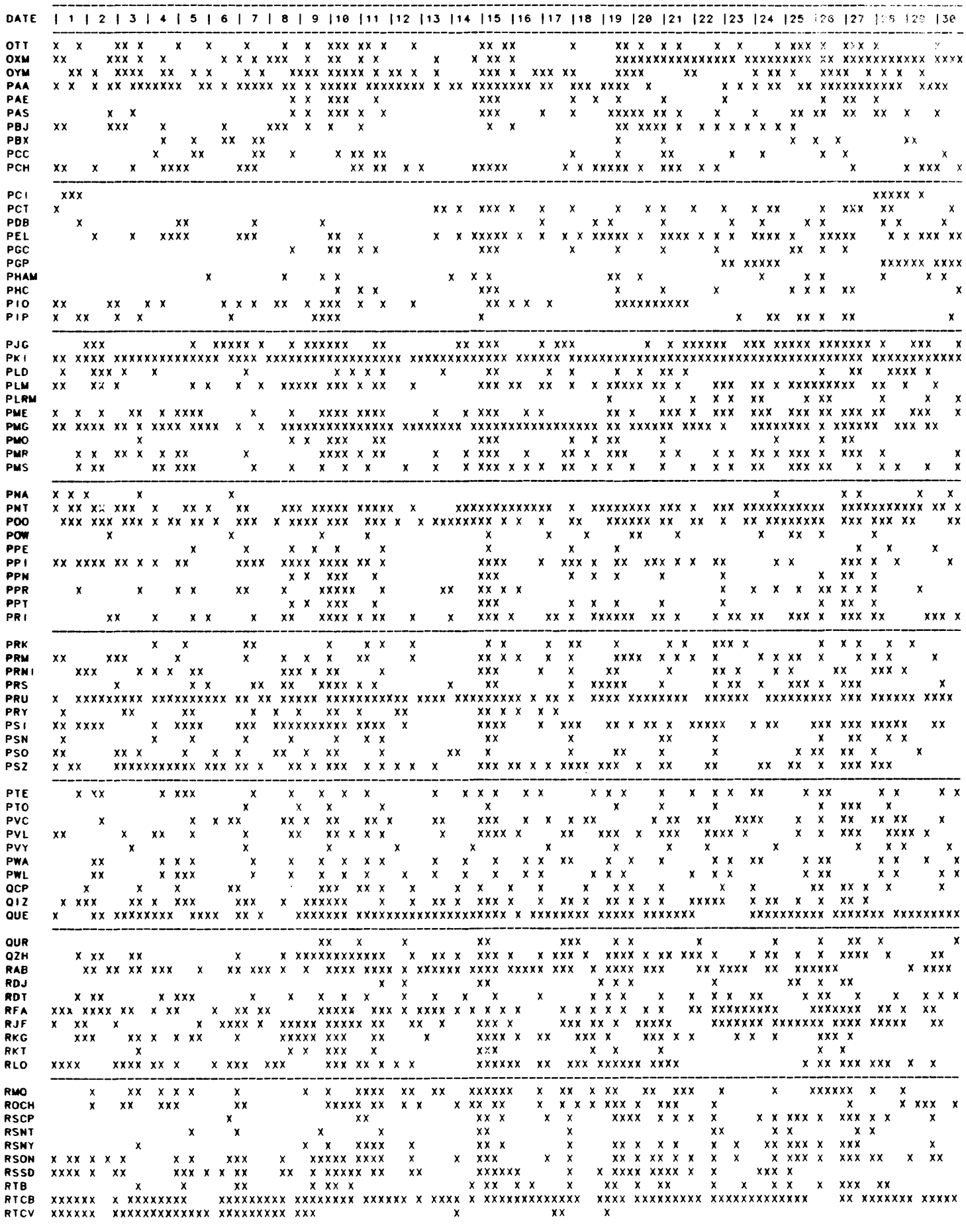
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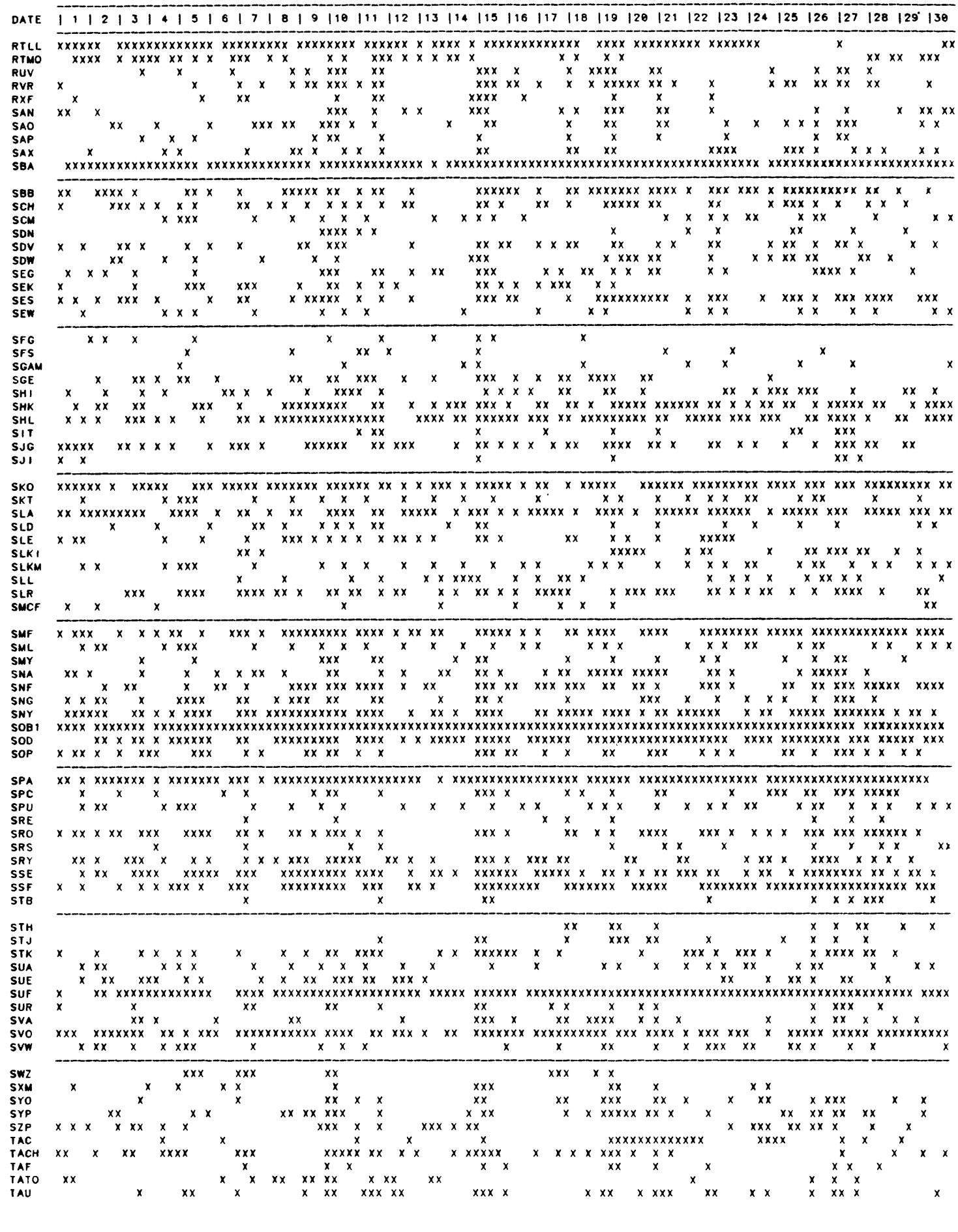
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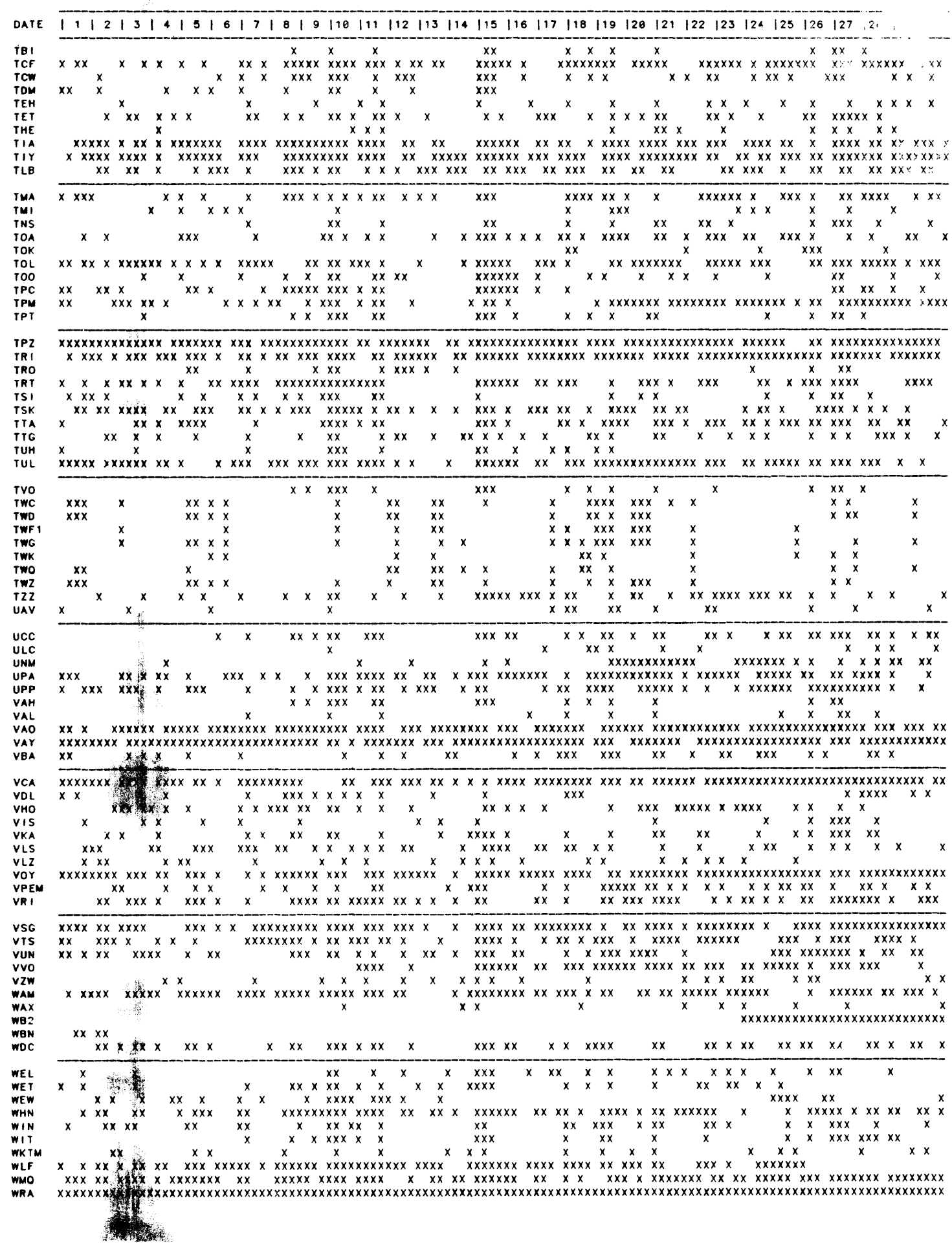
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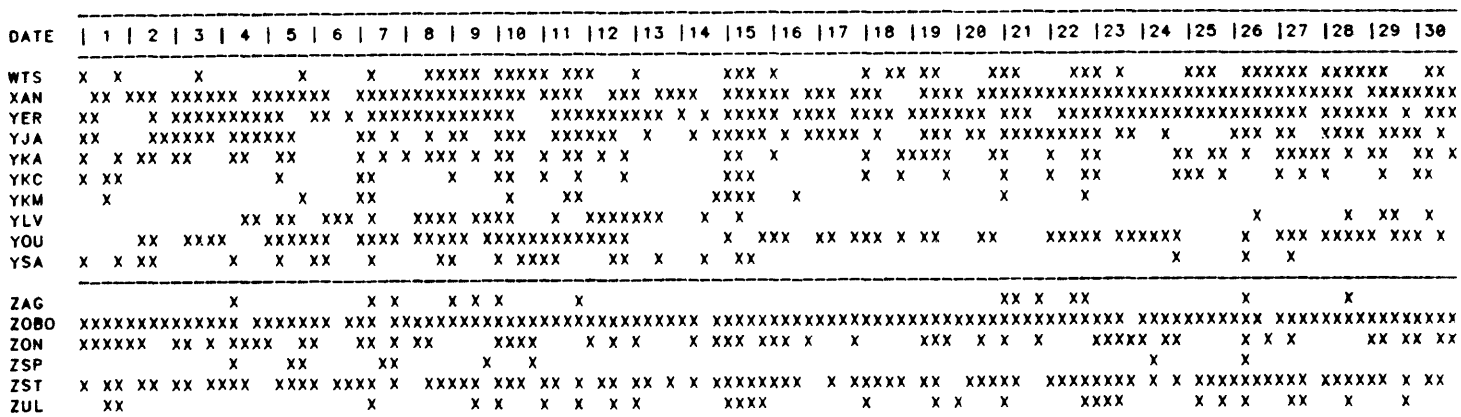

The following stations each reported less than 10 readings:

AAS	ABJ	ABV	ACM	ACO	ACR	ACU	ADI	AFC	AGT	AJI	AJM	AKI	AMR	ANM	ANTO	AOM	APA
AQU	AR6	ARO	ASA	ASZ	ATE	ATX	AUH	BBS	BDF	BDV	BER	BGG	BIR	BMR	BNH	BOH	BOK
BRL	BRT	BTG	BUS	BVA	CAC	CAI	CAL	CAO	CBZ	CCMX	CDM	CEI	CGPV	CHI	CHN	CHO	CHP8
CIS	CIZ	CKI	CLV	CMP	CMZ	COB	COW	CPE	CRI	CRQ	CRU	CSJ	CTAO	CTGM	CTI	CTR	CVL
CVO	DDI	DJA	DLA	DMV	DNP	DOC	DON	DOR	DUS	ECH	ECK	EHOR	ELF	EMM	ENIJ	EPA	EPLA
EPT	ERC	ESCF	EVAL	FEL	FGO	FKK	FKS	FOUF	FRU	FUQ	GAL	GAP	GBY	GCG	GCM	GGC	GIB
GIF	GMTN	GOA	GRB1	GRG	GRS	GRT	GRW	GSH	GUD	GUM	GVI	GWF	GWJ	GYO	HAC	HAK	HAM
HAY	HBF	HDC	HDC2	HIK	HIR	HJJ	HKT	HMD	HMT	HOGG	HOJ	HON	HPO	HTL	HUA	HYF	IAS
IBK	ICR	IIM	IIP	IIT	IKP	ILT	IN1	IN2	INY	IRK	IRZ2	ISI	ISN	ISSF	ITG	IXG	JAU
JCK	JCR	JMG	JSC	JUD	KAD	KAG	KAIM	KAN	KIK	KKH	KKZ	KLI	KLL	KLM	KMG	KOB	KOC
KON	KRNA	KSR	KUG	KUM	KUR	KUS	KYO	LCG	LCH	LCI	LCR2	LDN	LGAR	LGN	LHE	LHG	LIS
LMHM	LON	LOP	LPA	LPR	LSM	LTN	LVGX	LVV	MADF	MAP	MAZ	MBO	MCA	MCP	MCO	MCW	MDN
MEO	MER	MFW	MGD	MGI	MGM	MGP	MID	MIM	MIS	MIT	MIY	MKT	MMG	MNDI	MNK	MNS	MNZ
MOI	MOS	MOY	MRK	MRL	MRR	MRT	MSG	MSI	MTS	MTY	MYK	MYT	MYZ	NA2	NAG	NAH	NAV
NEM	NGO	NGS	NKT	NOB	NOH	NRI	NUE	NVS	NZJ	OAS	OBI	OBZ	OFU	OGE	OIT	OPA	ORI
ORO	OSA	OSH	OSK	OUR	PAG	PAIG	PAL	PBA	PBC	PCJ	PCO	PET	PGA	PGM	PIM	PLDF	PLE
PLY	POA	PPK	PRN	PRZ	PSG	PT01	PT02	PT03	PT06	PT09	PT10	PTCR	PTN	PUE	PUL	PV09	PWLA
PYM	QPS	QZG	QZO	RAN	RAO	RAR	RBA	RBL	RCI	RDP	REC	REY	RIN	RIV	RMN	RMU	ROF
RRD	RTY	SAG	SAL	SAM	SEN	SGO	SGV	SHJ	SHN	SHW	SHZ	SIM	SIO	SJS	SKLY	SKR	SLB
SLP	SNH	SOH	SPRG	SRG	SSB	SSR	SSS	STAR	STS	STU	SUT	SVB	SVP	SWI	TAS	TAT	TBH
TBR	TCE	TER	THI	TIK	TKL	TKM	TKS	TLE	TMBR	TMP	TOT	TOV	TP2	TPH	TPL	TPR	TPX
TRD	TRN	TRZ	TTR	TUA	TWM1	TYK	ULA	UNZ	URA	UTO	UWM	UZH	VAI	VAR	VCM	VIR	VITF
VLG	VUL	WAK	WAR	WCK	WCN	WHC	WKA	WKY	WLA	WRG	WSI	XAL	XDE	XSO	YAH	YAM	YKU
YMT3	YMT5	YMT6	YOK	YSS	YUP	ZAK	ZHGX	ZIH	ZNT								