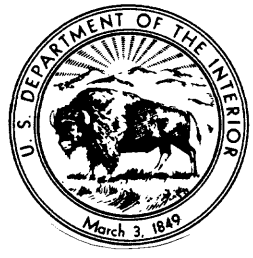
UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

EARTHQUAKE DATA REPORT
June 1985

NATIONAL EARTHQUAKE INFORMATION CENTER

Open File Report
86-551F



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

EDR No. 6-85
November 25, 1985
P. 1-124 Part 1 of 2

U. S. DEPARTMENT OF THE INTERIOR

Geological Survey

EARTHQUAKE DATA REPORT

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

Hypocentral coordinates are determined by a modified Geiger's method and may be constrained by reported first arriving P-waves, Pdiff, and the DF branch of PKP. Data are corrected for station elevation and for the ellipticity of the Earth. Outliers may be truncated (ie., removed from the calculation) either automatically or manually. The solution is allowed to converge between rounds of automatic truncation to insure a unique result. Convergence is aided by step length damping.

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

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

Two types of magnitude are computed: body-wave magnitude (m_b) and surface-wave magnitude (M_{SZ}). Each is a 25% trimmed mean of individual station values. Station magnitudes not used in the trimmed mean are marked with an X. This includes station magnitudes of either type which deviate significantly from the mean and surface-wave magnitudes determined from horizontal amplitudes. Body-wave magnitudes are computed according to the formula $\log(A/T) + Q$, derived by Gutenberg and Richter (1956), where A is the P-wave amplitude in micrometers, T is the period in seconds, and Q is the depth-distance factor. Surface-wave magnitudes are computed from the formula $\log(A/T) + 1.66\log(\Delta) + 3.3$, where A is the maximum vertical surface-wave amplitude in micrometers,

T is the period in seconds, and Δ is the epicentral distance in degrees. Surface-wave magnitudes are determined only for earthquakes whose focal depths (taking into account the computed standard deviations) are potentially less than 50 km, for stations having $20° \leq \Delta \leq 160°$, and for reported periods of $18 \leq T \leq 22$ s. No correction for focal depth is used in the M_S calculation. Body-wave magnitudes are not determined from PKP arrivals or for stations having $\Delta \leq 5°$. Amplitude values stated in this report are in nanometers (nm) for body-waves and micrometers (μm) for surface-waves.

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

Hypocenter Symbols

& Indicates that parameters of the hypocenter were supplied or determined by a computational procedure not normally used by the National Earthquake Information Service (NEIS). The source or nature of the determination is indicated by a 2 to 5 letter code enclosed by angle brackets and appearing in the first line of comments. A "-P" appended to the code indicates that the computation is preliminary. These codes are included with the list of abbreviations in the PDE Monthly Listing.

% Indicates a single network solution. A non-furnished hypocenter has been computed using data reported by a single network of stations for which the date and/or origin time cannot be confirmed from seismograms available to a NEIS analyst. Also, if we define η to be the geometric mean of the semi-major and semi-minor axes of the horizontal 90% confidence ellipse, then $\eta \leq 16.0$ km.

* Indicates a less reliable solution. In general, $8.5 < \eta \leq 16.0$ km.

? Indicates a poor solution, published for completeness of the catalog. In general, $\eta > 16.0$ km. This includes poor solutions computed using data reported by a single network.

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

Note: On printers available to the NEIS for this publication, the symbol for degrees (°) appears as "`".

References

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

Gutenberg, B. and C. F. Richter (1956), Magnitude and Energy of Earthquakes, *Ann. di Geofisica*, **9**, no. 1, pp. 1–15.

Jeffreys, Harold and K. E. Bullen (1940), *Seismological Tables*, British Assoc. for the Advancement of Science, Gray Milne Trust.

Jordan, Thomas H. and Keith A. Sverdrup (1981), Teleseismic Location Techniques and their Application to Earthquake Clusters in the South-Central Pacific, *Bull. Seis. Soc. Am.*, **71**, pp. 1105–1130.

• JUN 01, 1985 00h 08m 21.51± 1.36s
27.333 N ±12.8km 127.447 E ±19.1km
DEPTH = 30.9 ± 13.2 km
RYUKYU ISLANDS (238)

NAH	1.13	169	eP	08	41.00	-0.3
			S	08	56.50	
SSE	6.63	306	eP	09	58.50	-0.9
SNY	14.80	349	eP	11	52.80	2.5X
BJI	15.75	326	P	12	03.00	0.4
CN2	16.51	355	P	12	12.50	0.2
XAN	17.27	297	P	12	23.60	1.6
GYA	18.56	272	eP	12	43.00	4.9X
CD2	20.99	285	eP	13	04.80	0.1
LZH	21.85	299	eP	13	14.00	0.5
GTA	25.92	305	eP	13	50.80	-2.0
WB2	47.47	171	eP	16	56.00	0.5
YKA	77.82	25	eP	20	12.60	-4.6X

S.D. = 1.3 on 9 of 12 obs.

• JUN 01, 1985 00h 50m 18.83± 1.19s
27.630 N ± 9.9km 127.614 E ±12.5km
DEPTH = 78.4 ± 13.3 km
RYUKYU ISLANDS (238)

NAH	1.41	177	eP	50	43.00	-0.2
			S	51	03.90	
SSE	6.59	303	eP	51	49.50	-5.5X
NJ2	8.79	302	Pd	52	24.40	-0.9
SNY	14.54	348	eP	53	44.60	2.8X
BJI	15.59	325	P	53	54.50	-0.6
CN2	16.23	354	eP	54	05.00	1.7
XAN	17.27	296	eP	54	17.00	0.7
GYA	18.70	271	eP	54	36.20	2.4X
BTO	19.44	316	eP	54	41.50	-0.2
CD2	21.06	285	eP	54	58.60	0.2
LZH	21.84	299	eP	55	07.00	0.7
GTA	25.88	304	P	55	44.60	-0.5
WB2	47.74	171	eP	58	50.70	0.9
YKA	77.49	25	eP	02	06.70	-0.3
YKC	77.55	25	eP	02	06.00	-1.3

S.D. = 1.0 on 12 of 15 obs.

& JUN 01, 1985 01h 08m 43.77s
61.654 N 151.813 W
DEPTH = 94.2km
SOUTHERN ALASKA (2)
<AGS-P>.

SKT	0.35	22	iP	08	57.36	-0.9
			eS	09	08.57	
CGLM	0.36	195	iP	08	57.67	-0.7
			eS	09	08.86	
CRP	0.42	203	iP	08	58.25	-0.6
SPU	0.49	194	iP	08	58.33	-0.8
SUA	0.55	110	iP	08	59.53	-0.2
			eS	09	11.60	
PWA	0.92	89	eP	09	02.99	-0.2
			eS	09	18.74	
NKA	0.96	163	eP	09	04.60	1.1
EDT	1.12	195	eP	09	05.08	-0.5
			eS	09	22.17	
PMS	1.16	110	eP	09	05.35	-0.6
			eS	09	20.17	
MSE	1.37	81	eP	09	08.43	-0.1
			eS	09	26.58	
GHO	1.38	84	eP	09	09.98	1.3
			eS	09	27.34	
SLKM	1.39	145	eP	09	08.39	-0.3
LM	1.56	199	eP	09	09.94	-0.9
PTE	1.56	119	iP	09	09.50	-1.4
			eS	09	30.19	
KNK	1.63	97	eP	09	10.21	-1.6
			eS	09	31.46	
MPA	1.67	133	eP	09	11.27	-1.0
			eS	09	33.26	
SVW	1.91	255	eP	09	13.95	-1.6
SEW	1.94	142	eP	09	14.11	-1.7
BRLK	1.95	166	eP	09	15.87	-0.1
GLI	2.41	107	eP	09	19.43	-2.7
			eS	09	48.72	
TOA	2.71	78	eP	09	30.73	4.4
KLU	2.82	91	eP	09	26.52	-1.3

22 obs. associated

JUN 01, 1985 02h 03m 12.53± 0.73s
12.167 N ± 2.7km 144.421 E ± 3.5km
DEPTH = 23.1 ± 5.2 km
5.7mb (41 obs.) 5.4Msz (10 obs.)
SOUTH OF MARIANA ISLANDS (210)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 27C
Centroid Location:
Origin Time 02:03:14.1 0.4
Lat 11.91N 0.04 Lon 144.50E 0.05
Dep 15.9 5.8 Half-duration 2.3
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.09 0.08 Mtt= 1.10 0.11
Mff=-1.18 0.11 Mrt= 0.72 0.42
Mrf= 1.18 0.61 Mtf=-2.41 0.10
Principal Axes:
T Val= 2.62 Plg= 1 Azm=213
N 0.66 68 304
P -3.28 22 122
Best Double Couple:Mo=2.9*10**24
NP1:Strike=260 Dip=74 Slip=-164
NP2: 165 75 -17

GUA	1.44	19	ePc+	03	37.90	0.5
			e(S)	03	57.50	
GUMO	1.48	17	ePc	03	38.30	0.4
PJG	1.48	17	eP	03	38.30	0.4
MOM	14.42	168	iPc	06	38.00	0.6
WEW	15.64	183	e(P)	06	53.00	-0.2
KVG	15.95	156	eP	06	59.00	1.7
MDG	17.36	175	eP	07	18.00	3.0X
RAB	17.98	154	eP	07	23.50	0.6
			iS	10	48.00	
CGP	19.75	261	ePc	07	43.50	-0.4
	1.2s		53.00nm			4.7mb
BGA	21.11	149	eP	07	58.00	-0.2
LMG	21.26	170	iPc	07	58.50	-1.3
PAA	21.40	148	eP	08	01.00	0.0
PMG	21.61	173	eP	08	01.00	-2.1
AAI	22.54	227	ePd	08	13.30	0.9
	1.0s		360.50nm			5.8mb
MAN	22.84	279	ePc	08	16.40	1.1
QCP	22.84	279	eP	08	21.50	6.2X
ALOA	23.09	165	e(P)	08	17.00	-0.7
KYS	23.25	351	eP	08	20.10	0.9
BAG	23.48	283	eP	08	21.50	-0.3
	1.6s		1126.67nm			6.2mb
			eS	12	34.00	
OYM	23.62	349	eP	08	21.70	-1.1
SRY	23.80	350	eP	08	22.70	-1.8
DDR	24.19	350	eP	08	28.60	0.2
TSK	24.25	351	eP	08	27.10	-1.8
SHK	24.69	336	eP	08	31.90	-1.3
MAT	24.91	348	eP	08	34.00	-1.2
			eS	12	54.00	
ANP	25.21	304	eP	08	40.00	1.6
PPR	25.33	267	iPc	08	45.00	5.6X
	1.1s		104.80nm			5.4mb
SVO	26.13	143	eP	08	45.00	-1.8
HNR	26.43	144	e(P)	09	04.00	14.4X
			eS	13	33.00	
OZH	27.52	301	eP	08	58.50	-1.1
			PP	09	50.00	
			S	13	39.50	
MTN	28.13	208	eP	09	02.00	-3.1X
KKM	28.49	260	ePd	09	10.20	1.7
SSE	28.55	315	Pd	09	08.00	-0.7
MKS	30.23	237	e(P)	09	25.00	1.0
HKC	30.54	293	eP	09	30.00	3.3X
			ePP	10	36.00	
			eS	14	25.00	
NJ2	30.72	314	Pd	09	26.00	-2.2
			PP	10	26.00	
			PPP	10	40.00	
			S	14	28.00	
GZH	31.48	294	Pd	09	35.00	0.1
CTA	32.10	177	iPd	09	39.50	-0.9
	1.9s		284.21nm			5.9mb
			iS	14	51.00	
WHN	33.28	308	eP	09	50.00	-0.6
			PP	10	58.00	
			PPP	11	12.00	
			S	15	09.00	
WB2	33.41	197	iPd	09	50.80	-1.0
DL2	33.45	327	P	09	50.00	-1.9
			S	15	05.00	
QIZ	33.95	286	P	09	57.20	0.7
			pP	10	08.50	41kmX
			PP	11	08.00	
			PPP	11	30.50	
			S	15	17.00	
TIA	34.32	319	eP	09	58.80	-0.7
			S	15	20.00	
SNY	34.70	332	eP	10	02.40	-0.3
MDJ	34.75	341	Pd	10	02.50	-0.6
CN2	35.51	336	Pc	10	09.00	-0.6
			PP	11	31.40	
			PPP	11	49.50	
			PcP	12	38.00	
			eS	15	45.00	
			SS	18	04.00	
ASPA	37.07	196	iPd	10	22.60	-0.4
			eS	16	06.00	
TRT	37.26	240	iPd	10	25.20	0.6
	1.0s		62.30nm			5.4mb
BJI	37.30	323	eP	10	24.00	-0.6
KOU	37.94	149	iPc	10	24.90	-5.3X
GYA	38.20	297	P	10	34.00	1.4
			S	16	28.00	
TIY	38.25	317	eP	10	32.70	-0.1
			PP	12	06.50	
RMQ	38.65	174	eP	10	35.00	-1.2
	1.3s		222.00nm			5.8mb
XAN	38.95	310	P	10	37.30	-1.4
			S	16	32.00	
BRS	40.15	168	iPc	10	36.80	-11.8X
			eS	15	50.00	
NOU	40.50	148	iPc	10	51.80	0.2
HHC	40.57	321	Pd	10	53.00	0.9
MBL	40.99	216	eP	10	55.50	-0.1
KMI	41.37	294	Pd	11	00.50	1.5
BTO	41.40	319	iPd	11	00.50	1.6
WBN	41.85	204	eP	11	04.00	1.4
CD2	41.88	303	eP	11	02.20	-0.7
KGM	41.95	259	ePd	11	06.00	2.4
CMS	43.42	178	eP	11	14.00	-1.3
IPM	43.54	264	ePc	11	17.10	0.5
	1.3s		152.20nm			5.6mb
			e	11	36.90	
LZH	43.58	310	Pc	11	16.50	-0.4
			S	17	47.30	
			SS	20	48.00	
NNT	43.61	276	eP	11	19.80	2.7
STK	43.88	183	eP	11	18.00	-1.0
NDF	44.13	132	eP	11	22.50	1.3
BDT	44.14	282	eP	11	21.80	0.4
	1.2s		146.40nm			5.7mb
CHG	44.22	284	iPd	11	23.40	1.3
	1.0s		30.00nm			5.1mb
KHT	44.59	279	eP	11	27.40	2.4
NAU	44.65	220	eP	11	26.00	0.6
YOU	46.34	175	eP	11	38.50	-0.2
ADE	47.19	186	iPc	11	43.30	-2.1
CAN	47.43	175	eP	11	47.10	-0.2
GTA	47.80	313	P	11	49.80	-0.6
			PcP	13	21.40	
			S	18	43.00	
			ScS	21	44.10	
WAM	48.28	175	eP	11	53.90	0.0
BFD	49.11	182	eP	12	00.00	-0.2
MRWA	49.46	213	iPc	12	02.60	-0.5
TOO	49.48	179	eP	12	03.00	-0.1
BAL	50.19	211	eP	12	08.00	-0.7
KLB	50.46	210	eP	12	11.00	0.3
SHL	51.17	293	iP	12	15.00	-1.5
			iS	19	31.00	
MUN	51.54	211	eP	12	18.00	-0.9
NWAO	51.81	209	eP	12	22.00	1.0
	1.0s		30.00nm			5.2mb
Z	20s		4.00um			5.4Msz
N	20s		2.00um			
E	20s		3.00um			
LSA	52.26	298	P	12	24.60	-0.5
			S	19	50.00	
TAU	54.87	177	eP	12	42.00	-1.4
PKI	57.09	295	iP	12	58.70	-1.5
KKN	57.22	295	iP	12	59.50	-1.4
DMN	57.36	295	iP	13	00.90	-1.1
KRP	57.73	151	eP	13	03.80	-0.2
WMQ	57.80	314	Pc	13	03.90	-0.7
			PcP	13	58.50	
			S	21	05.50	
TCW	59.84	154	eP	13	18.20	-0.4
MNG	59.88	153	P	13	16.80	-2.1
MSZ	60.45	161	P	13	22.00	-0.7

01d 02h

HYB	63.64	283	eP	13	43.50	-1.1	
	1.0s	220.00nm			6.3mb		
NDI	64.35	296	eP	13	48.00	-1.1	
			eS	22	26.00		
GBA	65.12	279	Pd	13	52.80	-1.4	
	1.0s	105.30nm			5.9mb		
TTA	65.62	26	eP	13	55.00	-1.8	
KSH	65.75	308	Pd	14	00.00	1.9	
			eS	22	48.00		
IMA	67.72	23	eP	14	09.50	-0.7	
	1.0s	45.00nm			5.6mb		
POO	67.99	285	iPc	14	12.00	-0.5	
	1.0s	90.00nm			5.9mb		
PMR	68.24	28	P	14	10.50	-2.7	
PME	68.29	28	eP	14	11.20	-2.4	
	1.0s	65.00nm			5.7mb		
Z	20s	1.50um			5.2Msz		
BRW	68.81	17	eP	14	16.00	-0.7	
BOM	68.93	286	eP	14	19.80	1.5	
			e(S)	23	26.00		
COL	69.69	25	iP	14	20.50	-1.7	
	1.2s	82.03nm			5.7mb		
Z	21s	3.23um			5.5Msz		
FBA	69.69	25	eP	14	19.60	-2.6	
PMO	72.24	110	eP	14	43.00	4.6X	
	1.3s	110.00nm			5.7mb		
SIT	74.58	34	eP	14	53.30	2.0	
INK	75.85	22	ePd	14	56.90	-1.5	
	1.1s	63.00nm			5.6mb		
MHI	78.86	305	iPc	15	16.30	0.5	
	1.0s	100.00nm			5.8mb		
			eS	25	26.00		
MBC	79.75	14	eP	15	19.00	-0.8	
	1.0s	114.00nm			5.9mb		
KHI	79.82	303	eP	15	21.30	0.1	
PGC	82.38	42	eP	15	35.00	1.0	
YKA	84.32	27	eP	15	43.80	0.1	
YKC	84.38	27	eP	15	44.00	0.0	
	1.2s	87.00nm			5.9mb		
WDC	84.48	50	ePd	15	46.00	1.0	
ALE	84.68	3	ePd	15	45.30	0.0	
	1.1s	330.00nm			6.5mb		
PNT	84.73	41	eP	15	46.00	-0.1	
MIN	85.23	50	eP	15	48.70	-0.2	
BKS	85.25	52	eP	15	49.90	1.0	
	1.0s	26.00nm			5.4mb		
Z	20s	1.50um			5.4Msz		
E	20s	1.40um					
		e		16	02.00		
		e		16	12.50		
		e		38	00.00		
		eLR		41	40.00		
ORV	85.47	51	eP	15	50.40	0.4	
KBS	85.55	352	iP	15	51.40	1.8	
SHI	85.78	299	eP	15	52.00	0.4	
MHC	85.82	53	eP	15	52.30	0.4	
NEW	86.58	41	iPd	15	55.90	0.6	
	1.0s	112.50nm			6.0mb		
		e		16	08.00		
JAS1	86.64	52	eP	15	56.50	0.7	
PRI	86.84	54	eP	15	58.30	1.3	
YKW	87.33	41	iPc	16	00.30	1.2	
FRI	87.40	53	eP	16	00.10	0.6	
EDM	87.55	36	iPd	16	00.30	0.4	
	1.0s	111.00nm			6.1mb		
LHD	87.59	41	eP	16	01.50	1.2	
LDM	87.69	41	eP	16	01.50	0.8	
RXF	87.70	41	iPc	16	02.00	1.2	
KEV	87.73	342	iP	16	01.50	1.1	
			eSKS	26	24.00		
SYP	87.74	55	eP	16	02.00	0.6	
CLX	87.88	41	iPc	16	02.70	0.9	
MNA	88.26	51	eP	16	04.70	0.9	
BMN	88.46	49	eP	16	05.50	0.8	
	1.1s	22.08nm			5.4mb		
			ipP	16	18.20	42kmX	
TAB	88.86	309	eP	16	08.00	1.3	
SOD	89.04	340	iP	16	07.20	0.4	
KER	89.16	305	eP	16	08.00	-0.2	
PAS	89.29	55	eP	16	08.00	-0.6	
CLC	89.33	54	eP	16	09.00	0.1	
MWC	89.36	55	eP	16	10.00	0.8	
SBB	89.43	55	eP	16	10.00	0.6	
EUR	89.64	50	iP	16	11.00	0.5	
	1.0s	30.77nm			5.5mb		
SES	89.78	38	ePd	16	10.50	-0.1	
	0.7s	31.00nm			5.7mb		
GSC	90.09	54	eP	16	13.00	0.6	
KJF	90.23	337	iP	16	11.80	-0.6	
	1.0s	54.00nm			5.8mb		
			eSKS	26	40.00		
SLBC	90.30	56	eP	16	26.30	13.0X	
LRM	90.32	43	ePd	16	13.90	0.4	
			e	16	59.10		
PLM	90.54	56	eP	16	15.00	0.3	
DAG	90.68	356	iPc	16	12.10	-2.1	
	0.4s	5.93nm			5.2mb		
			i	16	14.00		
SBA	90.75	175	eP	16	12.50	-1.9	
	1.3s	28.85nm			5.4mb		
BAR	90.87	56	eP	16	16.00	0.0	
TPC	91.00	55	eP	16	17.00	0.4	
GLA	92.27	56	eP	16	23.00	0.6	
FFC	93.24	32	eP	16	26.00	-0.4	
	1.0s	16.00nm			5.4mb		
BDW	93.26	45	eP	16	27.00	-0.1	
	1.1s	8.94nm			5.1mb		
			epP	16	38.00	35kmX	
NUR	93.34	335	iP	16	26.00	-0.7	
	0.9s	40.60nm			5.9mb		
Z	24s	1.60um			5.4MszX		
			eSKS	27	00.00		
			ePS	30	04.00		
			LR	57	20.00		
RMU	94.10	51	eP	16	31.00	0.0	
			epP	16	43.00	39kmX	
RSSD	96.51	42	eP	16	41.30	-0.6	
	1.1s	11.63nm			5.3mb		
			epP	16	53.30	39kmX	
UPP	96.59	336	eP	16	41.00	-0.6	
			iS	27	14.00		
GOL	97.32	47	eP	16	46.00	0.3	
Z	20s	1.25um			5.4Msz		
GLD	97.40	47	eP	16	47.00	1.0	
Z	20s	1.50um			5.5Msz		
NB2	98.21	339	P	16	45.40	-3.7X	
	1.2s	17.80nm			5.5mb		
ALQ	98.26	52	eP	16	49.00	-1.0	
	1.5s	22.92nm			5.5mb		
Z	18s	1.24um			5.4Msz		
CRI	99.27	306	eP	16	40.50	-13.8X	
JER	99.47	305	ePd	16	53.00	-2.3	
VRI	99.66	321	eP	16	56.00	0.2	
PRNI	100.13	304	ePdiff	16	58.50	0.2	
FRB	100.21	14	ePdiff	16	56.00	-1.8	
MLR	100.32	321	ePdiff	16	59.00	0.1	
JMB	101.36	318	ePdiff	17	04.00	0.5	
SPC	101.67	326	ePdiff	17	05.20	0.2	
			e	20	09.90		
JOS	101.90	326	ePdiff	17	06.50	0.8	
	1.2s	34.80nm			5.9mb		
PVL	101.95	319	ePdiff	17	06.00	0.0	
LTX	102.51	56	ePdiff	17	11.00	2.0	
Z	20s	0.61um			5.1Msz		
KDZ	102.56	318	iPdiff	17	09.00	0.1	
KSP	102.76	329	ePdiff	17	09.80	0.3	
			e	20	13.00		
VTS	103.47	320	i(Pdif	17	14.00	1.2	
SRO	103.52	326	iPdiff	17	13.60	0.7	
			i	21	27.60		
BRG	103.89	330	ePdiff	17	15.00	0.5	
	1.0s	18.00nm			5.8mb		
			e	20	31.00		
			e	21	31.50		
			e	22	14.50		
ZST	103.95	327	iPdiff	17	15.50	0.7	
			e	21	32.50		
CLL	104.06	331	ePdiff	17	15.00	-0.3	
	1.5s	21.00nm			5.8mb		
Z	17s	1.00um			5.4MszX		
PRU	104.17	329	ePdiff	17	14.50	-1.3	
Z	17s	1.60um			5.6MszX		
N	17s	1.00um					
E	18s	1.40um					
			e	20	20.00		
VAY	104.53	319	iPdiff	17	17.30	-0.3	
SKO	104.92	320	iPdiff	17	20.80	1.5	
			iS	28	01.00		
MOX	105.16	331	ePKP	21	37.00	2.4X	
Z	16s	1.40um			5.6MszX		
N	16s	0.70um					
E	14s	0.70um					
			e	21	43.00		
KHC	105.20	329	Pdiff	17	21.00	0.6	
Z	15s	0.90um			5.4MszX		
N	15s	0.60um					
E	15s	0.60um					
		e		20	37.50		
		e		21	42.10		
OHR	105.78	319	ePdiff	17	23.30	0.0	
TUL	105.79	47	ePKP	21	47.70	11.4X	
	1.0s	18.00nm					
Z	20s	2.40um			5.7Msz		
N	21s	0.64um					
E	21s	0.78um					
GRF	105.99	330	e(Pdiff	17	23.00	-0.9	
			e	17	25.70		
RLO	106.21	47	e(PKP)	21	49.00	11.9X	
WTS	106.38	334	ePKP	21	50.50	13.7X	
KBA	106.63	327	ePKP	21	46.00	8.2X	
	1.3s	15.00nm					
LJU	106.65	326	ePdiff	17	27.50	0.6	
NAI	107.49	273	ePKP	21	55.00	14.6X	
MTD	115.06	257	ePKP	21	55.00	0.4	
KRI	116.95	257	ePKP	21	58.00	-0.2	
BUL	118.14	254	iPKPc	22	02.30	1.9	
BNG	123.73	284	iPKPc	22	11.30	0.2	
	0.8s	19.00nm					
			id	23	51.00		
SDV	139.36	61	e(PKP)	22	43.80	2.8X	
CAR	141.57	55	ePKP	22	32.00	-12.9X	
MDZ	143.23	130	ePKP	22	47.70	0.5	
KIC	144.24	299	ePKP	22	48.00	-1.3	
ARE	144.97	101	iPKPd	22	51.60	0.7	
ANT	145.02	114	ePKP	22	51.00	0.6	
VBA	145.08	142	ePKPc	22	49.30	-0.8	
TPZ	147.02	111	PKP	23	01.30	7.1X	
TCA	147.15	130	ePKPc	22	55.50	1.7	
ZOBO	148.21	101	PKPc	22	57.00	0.5	
	0.8s	54.55nm					
LPB	148.22	102	PKP	22	58.00	1.7	
Z	20s	0.35um			5.2Msz		
			LR	12	10.00		
CNCB	148.31	102	PKP	22	57.00	0.4	
SLA	149.08	118	ePKP	23	02.60	5.4X	
YJA	149.78	113	ePKPc	23	01.80	3.1X	
ATB	161.31	63	e(PKP)	23	30.50	17.4X	
VAO	164.72	136	e(PKP)	23	24.00	7.7X	
BAO	167.47	107	e(PKP)	23	20.30	1.6	
SOB1	174.01	61	ePKP	23	23.40	1.5	
	1.2s	8.80nm					
ITR	175.61	40	ePKP	23	29.80	7.5X	
			e	25	00.90		

S.D. = 1.1 on 198 of 224 obs.

* JUN 01, 1985 04h 02m 01.21± 0.72s
11.969 N ±16.1km 82.302 W ±14.1km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
NORTH OF PANAMA (79)

UPA	4.03	137	eP	03	02.00	-0.1	
	0.3s	54.55nm					
			iS	03	50.10		
SDV	11.88	104	eP	04	52.40	0.9	
TOV	12.48	99	eP	04	58.30	-1.1	
BHO	25.07	335	ePc	07	24.80	0.6	
	0.8s	2.80nm			3.9mb		
RLO	26.69	337	eP	07	39.10	-0.2	
TUL	26.77	335	eP	07	45.60	5.6X	
	1.3s	12.80nm			4.4mb		
ALQ	31.68	320	eP	08	24.00	-0.2	
	1.1s	6.96nm			4.4mb		
LRM	42.35	329	eP	09	55.30	1.1	
SOB1	46.22	115	eP	10	26.00	0.6	
EDM	48.03	335	ePd	10	38.90	-0.3	
YKC	55.44	343	eP	11	34.00	-0.7	
YKA	55.49	342	eP	11	34.50	-0.5	
EKA	74.07	36	Pc	13	35.20	-0.5	
	0.8s	4.60nm			4.5mb		
ASPA	143.73	246	ePKP	21	34.00	-1.4	
GBA	147.61	39	PKPd	21	43.70	1.8	
	0.8s	5.60nm					

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

? JUN 01, 1985 04h 33m 41.97± 3.79s
37.239 N ±32.1km 20.489 E ±15.2km
DEPTH = 10.0km (geophysicist)
3.7mb (2 obs.)
IONIAN SEA (399)
ML 3.8 (ATH).

VLS 0.94 5 iPgc 33 59.00 -0.9
eSg 34 03.00
ATH 2.67 73 ePn 34 39.50 13.8X
eSb 35 21.00
KZN 3.22 18 ePn 34 37.00 3.3X
ePb 34 41.00
OHR 3.87 3 iPn 34 44.30 1.4
VAY 4.38 21 iPn 34 54.00 3.9X
SKO 4.78 9 ePn 34 56.00 0.2
MMB 5.02 29 iPd 34 59.00 -0.1
VTS 5.75 20 eP 35 10.00 0.7
KDZ 5.79 39 iPd 35 09.00 -0.9
VOY 10.07 333 ePn 36 09.00 -0.7
e(Sn) 37 48.00
EKA 24.19 326 P 39 04.00 4.9X
0.8s 2.00nm 3.8mb
NB2 24.53 349 P 39 02.80 0.2
0.7s 1.20nm 3.6mb
S.D. = 1.0 on 8 of 12 obs.

? JUN 01, 1985 06h 27m 54.20± 4.72s
32.861 S ±19.0km 71.831 W ±31.6km
DEPTH = 14.7 ± 6.1 km
NEAR COAST OF CENTRAL CHILE (135)

ROCH 0.70 99 iPd 28 09.00 1.3
PEL 1.00 107 iPd 28 10.40 -2.4
JACH 1.06 81 iPc 28 15.00 1.2
TACH 1.09 137 iPc 28 14.20 0.0
SAN 1.14 121 iPd 28 15.60 0.4
iS 28 28.80
LNV 1.15 162 iPc 28 15.40 0.2
iS 28 28.00
BACH 1.23 114 iPd 28 17.10 0.5
PCH 1.34 125 iPc 28 18.40 0.0
FCH 1.37 110 iPd 28 19.50 0.4
i(S) 28 36.00
CHCH 1.45 138 iPc 28 20.20 0.2
MDZ 2.51 91 eP 28 42.60 7.4X
S 29 12.60
RTCB 2.91 63 iPd 28 45.50 4.6X
S 29 25.00
RTCV 2.96 71 ePd 28 46.00 4.5X
S 29 27.80
RTLL 3.24 63 ePc 28 49.20 3.7X
S 29 33.50
RFA 3.39 125 ePd 28 49.60 2.0X
TCA 6.33 78 ePd 29 28.30 -1.0
S 30 40.80
S.D. = 1.2 on 11 of 16 obs.

JUN 01, 1985 06h 31m 03.93± 0.86s
40.827 N ± 8.2km 19.737 E ± 7.2km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)

OHR 0.85 70 iPg 31 18.40 -2.0
iSg 31 30.00
KZN 1.63 108 ePn 31 33.00 0.1
eSn 31 57.50
SKO 1.72 48 iPn 31 35.30 1.3
iSn 31 56.00
VAY 2.20 76 iPn 31 40.40 -0.6
VLS 2.73 166 ePn 31 49.00 0.4
MMB 3.11 75 eP 31 54.00 0.1
iS 32 28.00
VTS 3.14 55 iPd 31 55.00 0.7
iS 32 30.00
KDZ 4.31 77 iP 32 11.00 0.0
PVL 4.67 58 eP 32 41.00 24.9X
CLO 4.80 27 eP 32 19.00 1.0
CEY 6.25 323 ePn 32 38.10 -0.4
eSn 33 49.80
TRI 6.54 320 e(Pn) 32 53.00 10.5X
e(Sn) 33 53.70
VOY 6.72 323 ePn 32 44.50 -0.6
eSn 34 01.20
S.D. = 1.0 on 11 of 13 obs.

JUN 01, 1985 06h 36m 49.06± 1.59s
6.230 S ± 6.9km 130.139 E ± 8.7km
DEPTH = 119.4 ± 17.9 km
5.2mb (8 obs.)
BANDA SEA (280)

MTN 6.65 172 iPc 38 25.60 -0.1
0.6s 245.00nm 5.8mb

eS 39 35.00
KNA 9.56 188 eP 39 04.00 -1.0
eS 40 44.00
WB2 14.23 164 eP 40 02.20 -4.2X
i 40 04.90
iS 42 31.70
PMG 17.15 102 iPc 40 43.90 1.1
1.0s 100.00nm 5.0mb
ASPA 17.71 169 eP 40 49.00 -0.7
eS 43 52.00
MBL 17.89 213 eP 40 52.00 0.1
eS 44 03.00
KKM 18.49 311 ePc 40 59.80 1.0
WBN 20.09 189 eP 41 16.00 0.5
eS 44 52.00
CTA 20.85 133 iPd 41 23.90 0.7
NAU 21.51 220 eP 41 31.00 1.3
eS 45 30.00
MRWA 26.48 209 eP 42 17.00 0.0
BAL 27.34 206 eP 42 24.00 -0.7
KLB 27.77 203 iPd 42 28.60 0.0
0.5s 17.00nm 4.9mb
MUN 28.73 205 eP 42 37.00 -0.3
NWAO 29.15 203 iPd 42 41.00 0.0
CHG 39.56 310 eP 44 11.00 0.8
CHTO 39.56 310 iP 44 11.10 0.9
0.9s 12.36nm 4.7mb
MAT 43.21 10 eP 44 38.00 -1.9
0.8s 20.90nm 4.9mb
PKI 54.73 310 iPd 46 08.10 -0.9
0.6s 23.00nm 5.3mb
KKN 54.95 310 iPd 46 09.80 -0.5
0.6s 34.00nm 5.5mb
DMN 54.99 310 iPd 46 10.40 -0.3
0.6s 34.00nm 5.5mb
CNCB 150.93 142 iPKP 56 30.70 5.9X
i 57 12.50
LPB 151.07 142 PKP 56 32.20 7.4X
S.D. = 0.9 on 20 of 23 obs.

JUN 01, 1985 07h 47m 45.88± 0.33s
22.675 S ± 7.9km 176.176 W ± 6.8km
DEPTH = 110.2km (6 depth phases)
4.9mb (10 obs.)
SOUTH OF FIJI ISLANDS (171)

NUE 6.85 60 P 49 17.30 -8.0X
S 50 25.00
NDF 7.73 308 eP 49 38.00 0.7
RAR 15.29 88 P 51 16.00 -1.0
S 53 54.00
PVC 15.36 286 iPc 51 25.50 7.6X
NOU 16.06 268 iPc 51 31.00 4.3X
GNZ 16.67 196 eP 51 35.00 0.9
eS 54 35.00
KRP 16.79 203 eP 51 38.00 2.5
KOU 18.29 273 iPc 51 55.90 2.0
MNG 19.23 200 P 52 02.00 -1.9
S 55 25.00
TCW 20.16 201 P 52 10.80 -2.7
eS 55 46.00
MSZ 25.53 207 eP 53 08.00 2.3
RMQ 32.06 256 eP 54 05.00 0.7
0.6s 50.00nm 5.4mb
CAN 32.79 240 eP 54 12.60 1.9
CTA 35.02 267 iPd 54 29.70 -0.2
0.6s 76.33nm 5.8mb
PMG 37.51 285 eP 54 50.50 -0.3
ASPA 45.72 259 eP 55 57.00 -0.8
WB2 46.00 264 iPd 55 58.70 -1.4
WBN 51.89 254 eP 56 44.00 -1.4
KNA 52.21 267 eP 56 46.50 -1.3
SBA 55.83 184 e(P) 57 17.90 4.4X
KLB 58.69 246 eP 57 33.00 -1.3
NWAO 58.94 244 eP 57 36.00 0.1
BAL 59.75 247 iPd 57 40.70 -0.8
MUN 59.94 245 eP 57 42.00 -0.8
NAU 62.52 256 eP 58 00.00 -0.2
0.5s 23.00nm 5.4mb
SPA 67.46 180 eP 58 35.50 3.8X
0.8s 14.17nm 4.9mb
MAT 72.96 323 eP 59 03.00 -2.1
SBB 79.50 46 eP 59 41.00 -0.9
ORV 80.23 40 eP 59 45.90 0.3
CLC 80.33 45 eP 59 46.00 -0.3
TPC 80.34 47 eP 59 46.00 -0.4
GSC 80.54 46 eP 59 48.00 0.5

GLA 80.57 48 eP 59 49.00 1.4
BMN 83.34 41 eP 00 03.00 1.1
epP 00 31.50 110km
IPM 85.12 277 ePc 00 11.80 0.5
LTX 86.81 57 iP 00 21.00 1.6
0.9s 6.67nm 4.6mb
e 00 50.00 111km
ALQ 87.45 50 eP 00 22.30 -0.2
1.0s 5.00nm 4.5mb
e 00 51.50 111km
BDW 89.39 43 eP 00 31.80 0.2
0.9s 1.54nm 4.1mb
epP 01 00.00 107km
COL 90.00 12 eP 00 33.00 -0.6
0.8s 7.84nm 4.9mb
CHG 92.57 289 eP 00 47.50 1.1
CHTO 92.57 289 eP 00 47.00 0.6
0.8s 4.94nm 4.9mb
SES 92.63 36 eP 00 46.00 -0.1
pP 01 15.00 110km
EDM 93.02 32 ePd 00 47.50 -0.2
RSSD 93.55 43 iP 00 50.40 -0.3
1.0s 6.00nm 4.9mb
epP 01 20.30 113km
YKA 97.78 24 eP 01 09.70 0.6
SOB1 125.95 121 ePKP 06 37.70 0.3
0.6s 4.00nm
ITR 128.16 122 e(PKP)06 41.00 -0.5
SUF 137.21 345 ePKP 06 58.00 0.8
NB2 141.32 354 PKP 06 56.90 -7.9X
0.7s 1.10nm
MUD 146.03 355 iPKPc 07 15.10 2.2X
0.5s 9.40nm
EKA 146.97 7 PKP 07 19.00 4.5X
0.7s 2.20nm
HRI 150.01 298 ePKP 07 27.00 6.9X
KSP 150.25 344 ePKP 07 26.00 6.2X
e 07 55.00
CLL 150.54 348 ePKP 07 26.00 5.8X
pPKP 07 55.00
JER 150.75 295 ePKPd 07 26.00 4.8X
BRG 150.77 347 iPKP 07 27.30 6.8X
1.0s 14.00nm
i 07 33.00
e 07 57.00
MLR 150.96 327 ePKP 07 27.50 6.3X
MOX 151.42 350 e(PKP)07 30.00 8.4X
PRU 151.47 345 ePKP 07 28.30 6.7X
e 07 58.00
GPA 151.55 314 iPKP 07 29.50 7.4X
KHC 152.49 346 PKPd 07 31.00 7.8X
e 08 01.00
S.D. = 1.2 on 43 of 61 obs.

& JUN 01, 1985 08h 04m 25.70s
31.930 N 115.870 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48).
<PAS-P>. ML 3.4 (PAS).

EMX 0.54 84 iPd 04 34.75 -1.7
S 04 42.75
ENX 0.68 266 iPc 04 37.74 -1.5
S 04 47.14
CPBX 0.68 44 iPd 04 38.70 -0.7
S 04 48.50
PBX 0.74 255 iPc 04 39.14 -1.4
S 04 50.14
IKP 0.74 344 ePd 04 39.90 -0.7
CBX 0.77 300 iPd 04 39.80 -1.3
S 04 51.00
VEX 0.78 56 iPd 04 40.30 -0.9
S 04 50.30
BAR 1.01 318 ePd 04 44.00 -1.2
iSc 04 57.70
GLA 1.42 38 eP 04 49.90 -2.3
SLBC 1.59 312 eP 04 54.90 0.4
eS 05 14.70
10 obs. associated

JUN 01, 1985 08h 14m 10.76± 0.54s
5.665 S ± 6.5km 154.344 E ± 4.9km
DEPTH = 129.9 ± 5.5 km
4.9mb (9 obs.)
SOLOMON ISLANDS (193)

BGA 0.96 120 iPd 14 31.90 -1.8

01d 08h

		eS	14	46.00		
RAB	2.61	304 iPc	14	52.80	-0.2	
	0.4s	813.56nm				
KVG	4.69	311 iPd	15	21.20	0.6	
ALOA	6.05	220 eP	15	38.00	-1.2	
VSG	6.41	124 P	15	44.00	-0.1	
SVO	6.44	123 P	15	49.00	4.6X	
HNR	6.70	124 e(P)	15	50.00	2.0	
LMG	6.94	242 eP	15	51.50	0.1	
LAT	7.37	262 eP	15	57.30	0.2	
MOM	7.81	297 eP	16	04.00	1.0	
PMG	8.04	242 iPd	16	07.20	1.0	
CTA	16.35	208 iPd	17	55.60	1.4	
	1.0s	69.00nm		4.9mb		
KOU	17.67	148 iPc	18	10.10	-0.2	
PVC	18.18	132 iPc	18	15.60	-0.6	
NOU	20.27	146 iPc	18	37.00	-1.1	
BRS	21.66	184 iPc	18	51.10	-0.9	
WB2	24.07	232 iPd	19	15.70	0.3	
ASPA	26.60	226 iPd	19	38.20	-0.7	
	0.4s	19.00nm		5.0mb		
KNA	27.02	246 eP	19	42.30	-0.4	
YOU	29.00	190 eP	20	03.00	2.6	
CAN	29.92	189 eP	20	08.50	0.0	
WAM	30.79	189 eP	20	16.50	0.4	
WBN	33.43	229 eP	20	39.00	-0.3	
KRP	37.46	152 Pc	21	14.00	0.9	
		e	21	23.20		
TAU	37.61	188 iPd	21	15.40	1.0	
GNZ	39.22	150 P	21	28.00	0.2	
TCW	39.63	156 Pc	21	31.40	0.2	
MNG	39.63	155 iPc	21	30.90	-0.3	
MSZ	40.63	165 P	21	40.00	0.7	
	0.7s	86.00nm		5.6mb		
KLB	42.86	228 iPc	21	56.50	-1.3	
MRWA	43.12	233 iPd	21	59.10	-0.9	
	0.4s	6.00nm		4.7mb		
BAL	43.19	230 eP	21	59.00	-1.4	
NWAO	43.90	227 eP	22	05.00	-1.2	
MUN	44.20	229 eP	22	08.00	-0.6	
SBA	72.44	177 iPc	25	25.00	0.8	
	1.0s	15.00nm		4.7mb		
PKI	74.19	301 eP	25	36.00	0.2	
KKN	74.36	301 eP	25	36.60	0.0	
	0.7s	9.00nm		4.6mb		
DMN	74.46	301 eP	25	37.70	0.5	
	1.0s	84.00nm		5.5mb		
CQL	82.12	21 eP	26	17.00	-0.8	
	0.7s	6.85nm		4.5mb		
		pP	26	47.00	117kmX	
SPA	84.37	180 eP	26	29.20	-0.3	
	0.8s	40.83nm		5.3mb		
YKA	95.47	28 eP	27	27.80	6.2X	
YKC	95.53	28 eP	27	39.00	17.1X	
	S.D. = 1.0	on 39 of 42 obs.				

• JUN 01, 1985 08h 46m 04.05± 1.47s
35.359 N ±13.2km 21.423 E ± 7.9km
DEPTH = 10.0km (geophysicist)
3.9mb (2 obs.)
MEDITERRANEAN SEA (400)
ML 3.7 (ATH).

VLS	2.89	347 ePn	46	52.50	1.5	
		ePb	46	55.50		
		eSn	47	25.00		
		eSb	47	29.00		
ATH	3.19	35 ePn	46	56.00	0.8	
		eSn	47	30.00		
		eSb	47	35.00		
NPS	3.43	90 ePn	47	00.00	1.4	
		eSn	47	40.00		
LIT	4.81	10 ePgc	47	18.90	0.7	
		eSg	47	24.50		
KZN	4.95	3 ePn	47	21.00	0.8	
		eSn	48	16.00		
OUR	5.36	21 ePg	47	26.00	0.0	
GRG	5.64	8 ePg	47	29.80	-0.2	
		eSg	47	42.50		
OHR	5.76	355 iPn	47	31.00	-0.7	
KNT	5.91	11 ePgc	47	33.70	0.0	
SRS	6.00	16 ePg	47	34.30	-0.6	
VAY	6.02	8 iPn	47	36.00	0.8	
MMB	6.48	16 eP	47	41.00	-0.8	
SKO	6.60	0 ePn	47	49.50	6.0X	
KDZ	6.99	25 iP	47	48.00	-0.9	
ELL	7.01	76 iPn	47	48.00	-1.4	
DST	7.12	51 i(Pn)	47	50.50	-0.4	
VTS	7.36	10 eP	47	55.00	0.9	
CEY	11.65	335 eP	48	52.50	-0.8	
		eS	50	54.30		
VOY	12.09	334 eP	48	57.00	-2.3	
		eS	51	02.30		
KHC	14.92	340 eP	49	19.10	-17.6X	
		e	49	35.50		
PRU	15.46	343 P	49	48.30	4.7X	
MEM	18.90	328 P	50	28.80	2.0	
DOU	19.16	325 P	50	30.30	0.3	
EKA	26.17	327 Pd	51	39.60	-0.5	
	0.8s	5.10nm		4.3mb		
NB2	26.52	349 P	51	42.60	-0.7	
	0.6s	0.70nm		3.5mb		
	S.D. = 1.1	on 22 of 25 obs.				

JUN 01, 1985 09h 46m 08.15± 0.15s
41.584 N ± 2.8km 142.033 E ± 3.0km
DEPTH = 71.8km (18 depth phases)
5.2mb (73 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (II JMA) at Urakawa. Also
felt (II JMA) at Hachinohe and
Miyako, Honshu.
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 11S, 14C
Centroid Location:
Origin Time 09:46:11.3 1.4
Lat 41.60N 0.17 Lon 141.94E 0.20
Dep 84.612.3 Half-duration 1.4
Moment Tensor; Scole 10**23 D-CM
Mrr= 3.27 0.57 Mtt=-0.08 1.16
Mff=-3.19 1.02 Mrt= 2.92 0.63
Mrf= 2.79 0.67 Mtf=-0.07 0.99
Principol Axes:

	Vol=	Plg=	Azm=
T	5.62	59	328
N	-1.08	18	206
P	-4.55	24	108

Best Double Couple:Mo=5.1*10**23
NP1:Strike=165 Dip=26 Slip= 46
NP2: 32 72 109

URA	0.80	44 Pc	46	23.60	-0.9	
		iS	46	36.00		
HAK	0.98	284 iPd	46	26.50	-0.2	
		S	46	39.90		
MRR	1.07	313 iPd	46	27.00	-0.9	
		S	46	41.40		
HAC	1.13	200 Pc	46	27.40	-1.2	
		iS	46	41.40		
AOM	1.22	231 eP	46	29.00	-0.7	
		S	46	45.80		
SAP	1.56	341 eP	46	34.00	-0.4	
		S	46	53.50		
OBI	1.60	33 P	46	35.50	0.6	
		iS	46	56.50		
SUT	1.80	313 Pd	46	37.90	0.3	
		eS	47	00.00		
MIY	1.94	181 eP	46	40.00	0.5	
		iS	47	00.70		
MRK	2.00	200 eP	46	43.00	2.6	
		eS	47	04.00		
ASA	2.20	6 eP	46	44.00	0.9	
		S	47	12.00		
KUS	2.24	51 Pd	46	39.90	-3.8X	
		iS	47	07.60		
AKI	2.37	219 eP	46	46.00	0.5	
		eS	47	16.00		
RMJ	2.38	353 eP	46	46.00	0.3	
		eS	47	14.00		
ABJ	2.94	34 eP	46	53.00	-0.5	
		S	47	27.30		
FKS	4.01	198 eP	47	11.00	2.6	
		eS	48	06.00		
TSK	5.57	196 eP	47	26.90	-3.4X	
MAT	5.85	212 iPd	47	35.20	1.0	
		eS	48	41.00		
DDR	6.00	203 eP	47	35.30	-1.1	
SRY	6.35	201 eP	47	41.90	0.8	
OYM	6.53	200 eP	47	40.40	-3.3X	
KYS	6.55	194 eP	47	42.40	-1.5	
MDJ	9.59	293 Pc	48	27.00	1.3	
		eS	50	12.00		
CN2	12.40	286 Pd	49	04.70	1.2	
		eS	51	24.00		
SNY	13.79	277 Pc	49	22.00	0.3	
		sP	49	42.00		
DL2	15.81	267 P	49	48.00	0.4	
SSE	19.74	245 P	50	33.10	-1.5	
TIA	20.08	263 Pd	50	35.60	-2.6	
		pP	50	53.00	87kmX	
		S	54	15.00		
NJ2	20.80	250 eP	50	42.50	-3.0X	
		PPP	51	19.00		
HHC	22.88	278 eP	51	04.40	-1.9	
TIY	23.06	270 iPd	51	06.90	-1.1	
		S	55	09.00		
BTO	24.08	278 eP	51	17.20	-0.7	
WHN	24.84	253 P	51	24.00	-1.1	
LZH	30.08	272 Pc	52	11.50	-1.4	
GZH	30.25	241 Pd	52	15.00	0.7	
GTA	31.95	280 P	52	28.00	-1.2	
CD2	32.42	263 P	52	31.40	-1.9	
GYA	32.71	254 P	52	34.40	-1.5	
QIZ	35.42	240 P	53	00.80	1.6	
KMI	36.34	256 Pc	53	06.00	-1.2	
WMO	39.39	292 Pd	53	32.90	0.6	
TTA	41.47	38 eP	53	49.50	0.4	
SVW	41.66	40 eP	53	51.80	1.1	
LOE	42.03	247 eP	53	53.50	-0.6	
		e	55	47.40		
BRW	42.07	25 eP	53	53.00	-0.8	
LSA	42.46	271 P	53	58.80	0.7	
IMA	42.57	33 eP	53	58.00	-0.2	
CHG	43.04	251 iPc	54	03.20	0.8	
	1.0s	70.00nm		5.4mb		
		eS	00	32.00		
CHTO	43.04	251 iP	54	03.10	0.8	
	0.8s	14.82nm		4.9mb		
BDT	44.04	250 eP	54	10.80	0.4	
	0.6s	25.00nm		5.2mb		
SHL	44.11	265 eP	54	11.00	-0.2	
PMR	44.75	39 P	54	15.00	-0.6	
PME	44.79	39 eP	54	15.40	-0.6	
	1.0s	20.00nm		4.9mb		
COL	45.04	35 eP	54	18.00	0.0	
	0.8s	96.64nm		5.7mb		
FBA	45.04	35 eP	54	18.00	0.0	
	1.0s	125.00nm		5.7mb		
KHT	46.01	248 eP	54	27.00	0.9	
NNT	46.77	244 eP	54	32.70	0.5	
KKN	47.85	272 eP	54	40.30	-0.6	
PKI	47.87	272 eP	54	40.60	-0.6	
DMN	48.08	272 eP	54	42.50	-0.2	
INK	50.16	29 ePd	54	56.90	-0.8	
	0.5s	37.00nm		5.7mb		
IPM	51.92	236 ePd	55	11.90	0.1	
		e	56	23.60	342kmX	
MBC	52.04	17 eP	55	11.00	-0.9	
KGM	52.55	232 eP	55	17.00	0.6	
NDI	53.40	278 iPc	55	21.20	-1.4	
	0.6s	56.67nm		5.8mb		
ALE	55.56	4 ePc	55	36.30	-1.4	
	0.6s	24.00nm		5.4mb		
KBS	56.27	350 iP	55	42.90	0.0	
KNA	58.35	195 eP	55	57.00	-1.0	
HYB	58.90	266 eP	56	01.00	-1.1	
	0.8s	50.00nm		5.7mb		
KEV	59.38	338 iP	56	03.90	-0.8	
	0.7s	36.00nm		5.6mb		
YKA	59.66	32 eP	56	06.40	-0.3	
YKC	59.72	32 eP	56	06.00	-1.1	
	0.9s	7.00nm		4.8mb		
QUE	60.13	285 eP	56	10.50	-0.1	
SOD	60.98	336 iP	56	14.30	-1.3	
		i	56	39.00	99kmX	
DAG	61.30	355 iPd	56	15.60	-2.1	
	0.6s	66.67nm		5.9mb		
		i	56	41.00	102kmX	
WB2	61.63	188 eP	56	18.30	-2.2	
POO	61.74	270 iPc	56	22.00	0.5	
MHI	62.07	295 eP	56	23.00	-0.6	
GBA	62.13	263 Pd	56	23.30	-0.7	
	0.7s	73.70nm		5.9mb		
KJF	62.66	333 iP	56	25.80	-1.1	
	0.6s	39.10nm		5.7mb		
KOD	64.29	261 eP	56	38.00	-0.6	
PNT	64.62	46 eP	56	39.00	-1.0	
	0.7s	10.00nm		4.9mb		
		pP	56	58.00	72km	
ASPA	65.35	188 eP	56	44.00	-0.9	
EDM	65.51	40 eP	56	28.50	-17.2X	

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NUR    66.18 331 iP     56 48.20  -1.5
       0.6s    48.20nm          5.6mb
     Z 21s      0.50um          4.7Msz
               eS     06 04.00
               LR     27 50.00
NEW    66.57  46 P      56 52.00  -0.6
WDC    68.01  55 eP     57 02.20   0.5
SES    68.39  41 eP     57 03.00  -1.0
MIN    68.73  55 eP     57 05.80  -0.5
               e        57 25.20  73km
GDH    68.89   6 iPd    57 06.10  -0.5
       1.0s    40.00nm          5.3mb
WBN    68.89 195 eP     57 07.00  -0.1
UPP    69.09 334 iP     57 07.10  -0.8
ORV    69.26  55 eP     57 08.90  -0.5
               i        57 28.20  73km
BRS    69.34 170 eP     57 05.00  -4.9X
FFC    69.64  34 eP     57 11.00  -0.4
       0.8s    12.00nm          4.9mb
SLL    70.00 336 eP     57 12.40  -1.1
       0.6s    79.50nm          5.8mb
NB2    70.19 337 P      57 12.40  -2.3
       0.6s    24.50nm          5.3mb
LRM    70.59  46 eP     57 17.40  -0.3
               e        57 36.80  73km
JAS1   70.93  56 eP     57 19.70   0.1
               i        57 39.20  73km
BMN    71.31  52 eP     57 22.90   0.8
       1.0s     2.75nm          4.1mb X
               epP      59 41.50 706kmX
FRB    72.24  14 ePc    57 25.70  -1.2
       0.6s    43.00nm          5.6mb
BER    72.38 339 iP     57 28.00   0.2
EUR    72.66  52 iP     57 30.80   0.6
       0.2s    11.16nm          5.4mb
CLC    74.01  56 eP     57 37.00  -0.8
               e        57 56.00  70km
COP    74.09 333 iPc    57 37.90   0.1
       0.8s    53.73nm          5.5mb
BDW    74.15  47 iP     57 38.90   0.1
       1.0s     5.00nm          4.4mb
               ipP      57 58.20  72km
MRWA   74.45 203 eP     57 40.80  -0.1
MUD    74.53 335 iPd    57 40.40   0.1
       0.8s    24.30nm          5.2mb
SBB    74.59  57 eP     57 41.00  -0.2
               e        58 00.00  70km
MWC    74.74  58 eP     57 55.00  12.8X
               e        58 01.00  19kmX
GSC    74.84  56 eP     57 54.00  11.4X
               e        58 02.00  26kmX
VRI    75.58 319 eP     57 47.00   0.4
YOU    75.72 175 eP     57 47.90   0.6
RSON   75.89  33 eP     57 47.40  -0.8
               epP      58 07.30  74km
TPC    76.08  57 eP     58 08.00  18.3X
SPC    76.13 325 eP     57 50.60   0.7
RSSD   76.14  43 iP     57 49.50  -0.6
       0.9s     5.04nm          4.5mb
               ipP      58 09.30  74km
[illegible] 76.24 319 ePc    57 40.00 -10.5X
[illegible] 76.50 328 eP     57 51.50  -0.1
       1.0s    31.00nm          5.2mb
[illegible]TB 76.62 302 ePd    57 54.00   1.4
[illegible]N 76.80 174 eP     57 54.20   0.9
BRG    77.39 329 iPc    57 56.80   0.3
       1.4s    26.00nm          5.0mb
[illegible] 77.40 330 iPc    57 56.70   0.1
       0.9s    41.00nm          5.4mb
               e        58 13.00  58kmX
GLA    77.54  57 eP     57 58.00   0.2
               e        58 17.00  70km
NWAO   77.58 201 eP     57 57.00  -0.7
PRU    77.86 328 P      57 59.60   0.5
       1.5s    33.30nm          5.1mb
EDU    77.88 341 eP     57 58.60  -0.5
       0.9s    21.00nm          5.1mb
SRO    78.01 325 iP     58 01.70   1.7
ZST    78.23 326 iP     58 02.30   1.1
ESY    78.35 341 ePc    58 01.00  -0.7
WIT    78.38 334 ePd    58 04.00   2.1
MOX    78.45 330 iP     58 03.00   0.6
       1.0s    22.00nm          5.0mb
EAB    78.52 342 ePc    58 02.20  -0.5
GOL    78.56  47 eP     58 04.10   0.5
               epP      58 24.00  74km
GLD    78.61  46 eP     58 05.00   1.3

               epP      58 24.10  70km
EAU    78.62 341 ePc    58 02.80  -0.4
SOP    78.86 326 eP     58 06.20   1.5
KHC    78.92 328 iP     58 05.50   0.4
       0.8s    30.00nm          5.3mb
               e        58 25.50  74km
               e        58 43.20
               e        00 57.20
EKA    79.01 341 Pd     58 05.30   0.0
       1.1s    27.40nm          5.1mb
WTS    79.02 334 iPc    58 05.80   0.4
       0.9s    37.00nm          5.3mb
WET    79.19 329 iPc    58 07.40   0.9
       1.0s    25.00nm          5.1mb
HRI    79.36 305 eP     58 08.80   1.0
GRF    79.38 330 eP     58 08.70   1.2
       0.9s    56.00nm          5.5mb
LHC    79.59  32 eP     58 08.00  -0.6
               pP       58 26.00  65km
ENN    80.36 333 iPc    58 13.00   0.4
       0.9s    26.00nm          5.2mb
ELL    80.39 311 iP     58 13.50   0.2
MEM    80.47 333 Pd     58 13.80   0.6
FUR    80.60 329 iPc    58 15.20   1.2
       0.8s    46.00nm          5.5mb
KBA    80.67 327 eP     58 15.00   0.4
       0.8s    27.10nm          5.2mb
               id       58 15.80   3kmX
               i        58 17.40
               i        58 37.80
               i        58 53.30
               e(PP)    01 18.00
               i        01 21.40
JER    80.71 304 iPc    58 12.50  -2.5
SCH    80.87  16 eP     58 15.00  -0.3
STU    80.89 331 eP     58 16.50   1.0
       0.9s    23.53nm          5.1mb
VAY    80.97 318 iP     58 16.70   0.7
LJU    81.01 326 eP     58 15.80  -0.4
YER    81.03 312 iP     58 18.00   1.5
SKO    81.04 319 eP     58 18.20   1.8
WLF    81.22 333 P      58 19.60   2.5
VOY    81.28 326 eP     58 17.10  -0.6
GWF    81.29 332 eP     58 17.70   0.1
ALQ    81.31  51 eP     58 18.80   0.6
       1.2s     9.77nm          4.6mb
               epP      58 39.00  75km
DOU    81.38 334 Pc     58 19.00   1.0
TRI    81.60 326 eP     58 18.60  -0.6
DLE    81.70 342 iPc    58 20.20   0.6
       1.0s    56.00nm          5.5mb
OGA    81.76 328 iPc    58 20.80   0.4
       0.9s    29.00nm          5.2mb
PRNI   81.81 303 eP     58 22.00   1.3
DCN    81.82 342 eP     58 20.80   0.6
       0.7s    25.00nm          5.3mb
CDF    81.89 331 eP     58 20.70  -0.1
       1.0s    17.60nm          5.0mb
OHR    82.00 319 eP     58 21.50   0.0
SAX    82.10 330 eP     58 22.80   0.6
OSS    82.26 329 eP     58 23.80   0.9
LLS    82.55 330 eP     58 25.10   0.7
BSF    82.55 331 eP     58 23.70  -0.6
       0.8s     7.40nm          4.7mb
HAU    82.56 332 eP     58 23.90  -0.4
       0.9s     9.40nm          4.7mb
DIX    83.80 330 eP     58 31.90   0.9
EMS    83.99 330 eP     58 32.60   0.8
LOR    84.06 333 eP     58 31.80  -0.1
       0.9s    32.70nm          5.4mb
FLN    84.15 336 eP     58 31.90  -0.4
       0.6s     6.10nm          4.8mb
LDF    84.19 336 eP     58 32.20  -0.3
       0.6s     7.90nm          4.9mb
LBF    84.27 333 eP     58 32.70  -0.3
       0.9s    18.10nm          5.1mb
GRC    84.30 333 iPc    58 33.80   0.7
               i        58 47.90  48kmX
SSF    84.36 333 eP     58 33.40   0.0
       0.9s    18.60nm          5.1mb
GRR    84.60 336 eP     58 34.90   0.3
       0.6s    11.00nm          5.1mb
SMF    84.61 333 eP     58 34.60   0.0
       0.7s    17.60nm          5.2mb
AVF    84.65 333 eP     58 35.00   0.2
       0.6s    26.30nm          5.5mb
LPF    84.97 336 eP     58 36.90   0.5

       0.6s    10.00nm          5.0mb
BGF    85.02 333 eP     58 36.90   0.2
       0.5s     4.40nm          4.8mb
MZF    85.41 333 eP     58 39.30   0.6
       0.9s    43.90nm          5.5mb
TCF    85.47 333 eP     58 39.30   0.3
       1.0s    18.50nm          5.1mb
LSF    85.74 334 eP     58 40.50   0.2
       0.8s    35.30nm          5.5mb
MFF    85.97 335 eP     58 42.30   0.9
       0.9s    34.00nm          5.4mb
CVF    86.19 327 eP     58 41.90  -0.7
FRF    86.23 329 eP     58 42.50  -0.2
       1.1s    17.20nm          5.0mb
LRG    86.43 329 eP     58 43.70   0.0
       0.9s    17.00nm          5.1mb
TUL    86.46  44 eP     58 44.50   0.5
       0.8s     7.50nm          4.8mb
     Z 23s      0.15um          4.3MszX
LMR    86.47 329 eP     58 43.70  -0.2
       1.0s    22.20nm          5.2mb
RJF    86.57 333 eP     58 45.10   0.7
       0.9s    17.60nm          5.2mb
RLO    86.65  43 eP     58 45.40   0.4
CAF    86.72 333 eP     58 46.10   0.9
       0.8s    47.00nm          5.7mb
LTX    86.98  53 eP     58 47.20   0.4
       1.0s     3.20nm          4.4mb
               ipP      59 07.00  72km
OTT    87.06  26 eP     58 46.00  -0.8
LFF    87.16 334 eP     58 48.20   1.0
       0.9s    45.40nm          5.6mb
LPO    87.23 333 eP     58 48.50   0.9
       0.7s    24.20nm          5.5mb
FVM    87.48  39 eP     58 49.00   0.1
               epP      59 08.30  69km
MNT    87.63  24 eP     58 49.50   0.0
MLS    88.78 332 eP     58 56.00   0.9
EPF    88.97 333 eP     58 56.00  -0.1
       0.7s     4.40nm          4.8mb
LGR    90.43 335 eP     59 05.00   2.2
LPB    144.03  55 ePKP   05 37.00  -0.8
CNCB   144.31  55 PKP    05 37.20  -1.3
TPZ    147.26  62 PKP    05 48.00   5.0X
ITR    147.31   1 ePKP   05 44.50   1.7
       0.5s     3.60nm
               e        05 46.40
               e        06 00.00
SOB1   147.65   5 ePKP   05 46.10   2.7X
       0.7s    16.40nm
YJA    149.85  59 ePKPc  05 50.40   3.2X
BAO    152.73  21 ePKP   05 58.70   7.6X
               i        06 10.30
               e        06 15.80
VAO    159.99  25 e(PKP)05 54.00  -6.0X
     S.D. = 1.0  on 200 of 215 obs.

• JUN 01, 1985  09h 56m 58.16± 0.70s
    2.B92 S ± 9.4km  143.205 E ±10.0km
  DEPTH = 33.0km  (normal)
 PAPUA NEW GUINEA REGION              (198)

WEW      0.78 147 e(P)  57 12.00  -0.7
MDG      3.48 132 e(P)  58 08.00  16.7X
MOM      4.28  79 iPc   58 02.60   0.0
LAT      5.32 135 eP    58 23.00   5.7X
PMG      7.57 149 eP    58 50.50   1.5
LMG      7.74 141 e(P)  58 51.00  -0.5
CTA     17.35 170 eP    01 09.00   9.5X
WB2     19.02 206 eP    01 18.20  -2.0
               eS       04 41.70
KNA     19.11 227 eP    01 20.00  -1.2
ASPA    22.53 203 eP    01 58.00   1.3
               eS       06 00.00
BRS     26.02 160 iPc   02 29.60  -0.6
CAN     32.71 171 eP    03 30.50   0.6
WAM     33.55 172 eP    03 38.00   0.9
MAT     39.51 354 (P)   04 25.00  -2.5
PKI     63.29 303 eP    07 27.80   1.0
KKN     63.47 303 eP    07 29.10   1.2
       1.0s    82.00nm          5.8mb
DMN     63.56 303 eP    07 29.60   1.1
       1.1s    42.00nm          5.5mb
SPA     87.13 180 e(P)  69 46.90   4.9X
     S.D. = 1.4  on 14 of 18 obs.

• JUN 01, 1985  10h 00m 19.34± 0.91s
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01d 10h

39.321 N ± 7.8km 23.071 E ± 9.4km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.0 (ATH).

PAIG	0.77	38	ePn	00 36.10	1.8
			eSb	00 51.60	
LIT	0.90	330	ePgc	00 34.70	-1.9
			iSg	00 49.80	
OUR	1.23	34	ePb	00 43.10	0.9
			eSb	01 04.10	
KZN	1.40	315	ePn	00 42.00	-3.0X
ATH	1.44	159	ePn	00 44.00	-1.4
			ePg	00 47.00	
			eSg	01 09.00	
GRG	1.71	343	ePn	00 49.20	-0.2
			iSb	01 15.00	
KNT	1.84	356	ePnc	00 50.90	-0.4
VAY	2.03	349	iPn	00 53.00	-1.0
VLS	2.25	240	ePn	00 59.00	1.8
MMB	2.32	12	iPc	00 58.00	-0.2
OHR	2.49	317	ePn	01 01.30	0.6
KDZ	2.90	36	iP	01 05.00	-1.3
VTS	3.28	2	eP	01 13.00	1.3

S.D. = 1.4 on 12 of 13 obs.

• JUN 01, 1985 10h 39m 34.09± 1.29s
2.516 S ± 8.0km 78.641 W ±16.4km
DEPTH = 104.3 ± 13.5 km
4.7mb (3 obs.)
ECUADOR (107)

OUR	2.33	3	iP	40 12.00	-0.1
			S	40 52.00	
PSO	3.91	20	iP	40 34.00	0.5
BOG	8.44	33	eP	41 36.50	0.9
NNA	9.58	169	iPc	41 49.80	-1.0
	0.7s		27.40nm	5.2mb	
			eS	43 27.00	
ARE	15.54	154	eP	43 30.00	21.0X
ZOBO	17.14	144	ePc	43 30.00	0.7
LPB	17.37	144	eP	43 30.00	-1.8
			LR	14 50.00	
CNCB	17.65	144	P	43 35.80	0.3
TPZ	21.17	154	P	44 30.00	16.9X
YJA	23.34	148	ePd	44 36.80	2.4
ATB	26.39	92	e(P)	45 01.50	-1.2
SOB1	38.11	102	e(P)	46 45.00	0.2
			e	46 48.80	
			e	47 12.40	
ITR	40.48	100	eP	47 03.50	-0.9
ALQ	45.49	327	eP	47 44.20	-0.7
	0.9s		6.30nm	4.4mb	
			e	48 11.00	
YKA	70.32	343	eP	50 37.20	-0.8
SPA	87.50	180	eP	52 12.80	1.6
	1.0s		6.50nm	4.6mb	
KKN	150.54	30	ePKP	59 15.80	5.3X
	0.8s		8.00nm		
PKI	150.79	30	ePKP	59 16.10	5.1X
	0.8s		5.00nm		

S.D. = 1.3 on 14 of 18 obs.

JUN 01, 1985 11h 58m 45.45± 0.43s
7.653 S ± 4.9km 127.421 E ± 7.0km
DEPTH = 186.1 ± 4.3 km
4.9mb (9 obs.)
BANDA SEA (280)

AAI	4.01	11	ePd	59 49.00	1.5
KUPT	4.51	236	eP	59 56.40	2.5
			eS	00 48.70	
MTN	6.32	145	eP	00 15.00	-2.5
			eS	01 14.00	
KNA	8.15	171	iPd	00 39.20	-2.6
			eS	02 07.00	
WB2	13.94	152	eP	01 51.50	-4.9X
			i	01 55.50	
			iS	04 18.80	
MBL	15.30	208	eP	02 12.00	-1.2
			eS	04 57.00	
ASPA	17.09	159	eP	02 33.00	-2.0
	0.7s		211.00nm	5.7mb	
			eS	05 34.00	
WBN	18.40	182	eP	02 50.00	0.8
NAU	18.73	216	iPd	02 53.50	0.9
LAT	19.45	88	eP	03 08.50	8.5X
PMG	19.59	97	eP	03 04.00	2.5
LMG	20.55	95	eP	02 57.00	-14.3X
CTA	22.04	126	iP	03 27.50	1.8
	1.0s		13.00nm	4.4mb	
			i	05 04.00	
KLG	23.68	193	eP	03 42.30	0.8
MRWA	24.00	205	eP	03 45.00	0.5
BAG	24.85	344	eP	03 52.00	-0.7
KLB	25.47	199	eP	03 59.00	0.9
KGM	25.89	291	ePc	04 04.00	1.9
MUN	26.36	202	eP	04 06.00	-0.2
NWAO	26.87	199	eP	04 16.00	5.2X
IPM	29.00	294	ePd	04 29.70	-0.5
	1.0s		27.70nm	4.9mb	
YOU	32.79	147	eP	05 04.00	0.9
			e	06 10.10	
CAN	33.91	147	eP	05 14.90	2.2
			e	06 13.70	
CHG	38.47	313	iPc	05 50.80	-0.4
	0.8s		12.69nm	4.6mb	
CHTO	38.47	313	eP	05 51.80	0.6
	0.7s		10.64nm	4.6mb	
GYA	39.44	330	P	06 00.00	0.8
WHN	39.99	342	eP	06 04.00	0.5
PVC	41.05	108	iPd	06 11.00	-1.3
CD2	44.55	331	P	06 40.40	-0.1
			S	12 58.40	
LZH	48.83	335	Pc	07 14.00	-0.1
SNY	49.36	356	eP	07 16.60	-1.2
GTA	53.36	333	iPd	07 47.80	-0.1
PKI	53.64	312	eP	07 49.60	-0.8
	0.7s		25.00nm	5.0mb	
KKN	53.86	313	eP	07 51.30	-0.6
	0.7s		33.00nm	5.1mb	
DMN	53.88	312	eP	07 51.40	-0.8
	0.8s		35.00nm	5.1mb	
GBA	53.93	293	Pd	07 50.90	-1.4
	0.3s		4.70nm	4.7mb	
HYB	54.33	298	eP	07 53.50	-1.8
QUE	69.10	306	eP	09 33.00	-0.7
AVY	77.84	252	eP	10 25.60	1.0
NB2	109.18	332	PKP	16 52.50	-1.9
	0.7s		1.10nm		
YKA	109.45	26	ePKP	16 55.00	0.2
YKC	109.52	26	ePKP	16 54.00	-0.9
KHC	111.28	320	ePKP	16 59.40	0.7
BSF	115.98	320	ePKP	17 07.30	-0.6
	0.8s		9.90nm		
CVF	116.05	314	ePKP	17 08.20	0.1
HAU	116.20	320	ePKP	17 07.80	-0.4
	0.9s		4.40nm		
LOR	118.04	320	ePKP	17 11.40	-0.3
	0.8s		4.00nm		
LBF	118.06	320	ePKP	17 11.60	-0.2
SMF	118.27	319	ePKP	17 11.70	-0.5
SSF	118.34	320	ePKP	17 12.20	0.0
	0.6s		6.30nm		
EKA	118.49	330	PKPc	17 12.70	0.4
	0.9s		2.30nm		
AVF	118.53	320	ePKP	17 12.20	-0.4
	0.8s		3.30nm		
BGF	118.94	320	ePKP	17 13.70	0.3
	0.7s		26.30nm		
MZF	119.23	319	ePKP	17 13.90	-0.1
	0.8s		2.90nm		
TCF	119.45	319	ePKP	17 14.40	0.0
	0.9s		5.10nm		
CAF	120.04	318	ePKP	17 16.00	0.4
	0.7s		4.80nm		
LPO	120.71	318	ePKP	17 17.40	0.6
LPF	120.79	322	ePKP	17 17.10	0.3
	0.8s		5.10nm		
MFF	120.83	320	ePKP	17 17.20	0.2
	0.8s		7.40nm		
LFF	120.91	318	ePKP	17 17.70	0.5
	0.7s		4.00nm		
EPF	121.88	316	ePKP	17 19.10	-0.1
	0.7s		3.70nm		
FRB	122.84	8	ePKP	17 20.00	-0.2
ALQ	123.74	53	ePKP	17 24.00	0.7
	1.0s		7.75nm		
YJA	147.77	157	ePKPc	18 11.00	3.1X

S.D. = 1.1 on 59 of 64 obs.

• JUN 01, 1985 12h 01m 20.55± 1.00s
6.317 S ±17.3km 154.741 E ±13.9km
DEPTH = 60.4 ± 12.0 km
5.4mb (3 obs.)
SOLOMON ISLANDS (193)
Felt (III) at Arowa, Bougainville.

BGA	0.47	69	iPc	01 31.20	-1.2
			eS	01 41.00	
PAA	0.75	89	iPc	01 35.00	-0.6
			eS	01 45.00	
RAB	3.32	309	eP	02 11.00	-0.2
			iS	03 04.00	
KVG	5.41	313	eP	02 41.50	0.9
VSG	5.72	121	P	02 47.00	2.0
SVO	5.76	120	P	02 50.00	4.5X
HNR	6.01	121	eP	02 50.00	1.0
			eS	03 09.00	
NOU	19.51	146	iPc	05 45.00	-0.8
MNG	38.88	155	P	08 40.00	-1.8
MSZ	39.90	165	P	08 46.00	-4.1X
PKI	74.86	301	iP	12 57.20	-0.1
	1.0s		28.00nm	5.1mb	
KKN	75.03	301	iP	12 58.20	0.0
	0.8s		38.00nm	5.4mb	
DMN	75.13	301	eP	12 59.20	0.4
	0.8s		73.00nm	5.7mb	
COL	82.58	21	eP	13 38.00	-0.1
YKA	95.86	28	eP	14 47.20	5.8X

S.D. = 1.2 on 12 of 15 obs.

• JUN 01, 1985 13h 05m 29.32± 1.60s
33.213 S ± 7.9km 71.998 W ±14.6km
DEPTH = 33.0km (normal)
3.5mb (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.86	74	iPd	05 43.20	-2.1
LNV	0.89	147	iPc	05 45.70	0.3
TACH	0.99	117	iPc	05 46.50	-0.4
SAN	1.14	102	iPd	05 48.80	-0.3
BACH	1.27	97	iPd	05 51.10	0.2
JACH	1.29	66	iPc	05 49.50	-1.8
PCH	1.31	109	iPc	05 51.60	0.1
CHCH	1.33	123	iPd	05 52.60	0.8
FCH	1.44	95	iPd	05 53.20	-0.4
MDZ	2.66	84	eP	06 14.60	3.7X
			iS	06 52.90	
RTCB	3.21	58	ePd	06 19.10	0.4
			S	07 02.50	
RTCV	3.22	66	eP	06 19.20	0.4
			S	07 03.00	
ZON	3.26	60	eP	06 22.00	2.6
			eS	07 04.00	
RTLL	3.53	59	ePd	06 24.20	1.0
			S	07 12.00	
CFA	3.56	64	ePc	06 22.80	-0.8
			S	07 12.00	
ANT	9.57	9	iP	08 02.80	14.9X
SLA	10.19	36	eP	07 58.00	1.5
CNCB	16.73	13	eP	09 23.00	-0.4
LPB	16.98	13	eP	09 26.00	-0.4
			LR	17 00.00	
ZOBO	17.23	13	ePc	09 29.00	-0.7
	1.0s		4.25nm	3.5mb	

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

• JUN 01, 1985 13h 21m 45.62± 2.43s
43.039 N ±22.4km 23.701 E ±13.1km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

VTS	0.57	220	iPgc	21 56.00	-1.2
			iSg	22 04.00	
PVL	1.08	84	iPd	22 06.00	0.0
PLD	1.19	141	iPgc	22 07.00	-0.8
MMB	1.45	179	ePg	22 13.00	1.1
VAY	1.91	206	ePn	22 19.40	0.9

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

JUN 01, 1985 14h 47m 12.90± 0.46s
11.239 S ± 6.8km 162.409 E ± 8.3km
DEPTH = 33.0km (normal)
4.8mb (8 obs.) 5.6Msz (6 obs.)
SOLOMON ISLANDS (193)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 31C
Centroid Location:

Origin Time 14:47:13.1 0.3
Lat 11.53S 0.04 Lon 162.74E 0.03
Dep 25.1 3.5 Half-duration 2.9
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.89 0.09 Mtt=-3.13 0.17
Mff= 2.23 0.17 Mrt= 0.17 0.20
Mrf=-1.80 0.49 Mtf= 3.85 0.10
Principal Axes:
T Val= 4.84 Plg=21 Azm=115
N 0.46 66 321
P -5.30 9 209
Best Double Couple:Mo=5.1*10**24
NP1:Strike=254 Dip=68 Slip= 9
NP2: 161 82 158

HNR	3.01	306	eP	48	00.00	0.6
			e(S)	48	30.00	
SVO	3.29	309	eP	48	07.00	3.7X
VSG	3.31	306	eP	48	04.00	0.4
PVC	8.63	139	iPd	49	21.00	2.5X
BGA	8.75	305	eP	49	33.00	12.7X
KOU	9.44	169	iPc	49	30.10	0.4
NOU	11.67	161	iPc	49	59.50	-0.7
ALOA	11.86	273	e(P)	50	08.00	5.2X
LMG	14.23	278	eP	50	38.00	3.6X
KVG	14.38	306	eP	50	43.00	6.8X
PMG	15.12	275	eP	50	45.50	-0.3
LAT	15.89	285	eP	51	04.00	8.2X
NDF	15.93	116	eP	51	04.00	7.6X
SGE	16.29	115	eP	51	09.00	7.9X
SVA	16.96	116	eP	51	21.30	12.0X
MOM	17.47	300	eP	51	18.00	2.2
MDG	17.49	289	e(P)	51	22.00	5.9X
CTA	17.86	239	iPd-	51	22.90	2.3
	1.0s		53.00nm			4.6mb
	Z 20s		17.91um			
			iS	54	40.00	
BRS	18.45	208	P	51	28.50	0.7
			i	51	40.00	
			eS	55	00.00	
RMQ	19.90	218	eP	51	45.00	0.4
	0.9s		267.00nm			5.6mb
CMS	25.32	215	eP	52	38.00	-0.3
AFI	25.33	99	e(P)	52	35.00	-3.6X
CAN	26.89	205	eP	52	55.00	2.2X
			e	53	06.50	
WB2	28.34	249	eP	53	03.70	-2.4
KRP	29.06	158	eP	53	13.50	1.1
ASPA	29.80	242	eP	53	17.00	-2.3
			eS	58	05.00	
KNA	33.00	258	eP	53	46.00	-1.3
MSZ	33.65	173	eP	54	06.20	13.6X
AAI	34.71	290	e(P)	54	05.50	3.3X
MKS	42.88	274	e(P)	55	13.00	2.7X
MEK	43.98	243	eP	55	18.60	-0.5
NWAO	46.65	235	eP	55	43.00	2.7X
	Z 20s		10.00um			5.8Msz
	N 20s		5.00um			
	E 20s		8.00um			
PPR	48.19	294	ePc	55	57.50	5.0X
BAG	49.66	303	eP	56	03.00	-1.1
			eS	03	17.00	
MAI	52.71	335	(P)	56	28.00	1.3
	Z 19s		6.08um			5.7Msz
			(S)	03	57.00	
SHK	53.55	329	eP	56	33.00	0.1
ANP	53.84	313	eP	56	50.00	14.8X
OIZ	59.91	300	eP	57	22.00	3.6X
KGM	60.20	279	eP	57	32.00	11.4X
IPM	63.06	281	ePd	57	53.20	13.4X
SNY	63.73	328	eP	57	48.00	4.4X
			SS	10	30.00	
BJI	66.61	323	(P)	58	04.00	1.7
SBA	66.64	179	eP	58	03.40	1.5
XAN	67.86	314	eP	58	10.00	-0.4
KMI	68.45	303	eP	58	13.50	-1.0
CHG	69.32	295	eP	58	23.00	3.3X
CHTO	69.32	295	e(P)	58	18.10	-1.5
	1.3s		5.31nm			4.4mb
CD2	70.14	309	(P)	58	23.50	-1.0
BTO	70.71	320	eP	58	31.70	3.9X
GTA	76.86	315	P	59	03.20	-0.5
SPA	78.84	180	e(P)	59	21.00	6.9X
TTA	80.59	18	P	59	24.50	1.1
	1.3s		30.66nm			5.1mb
IMA	83.60	17	P	59	38.50	-0.6
COL	84.55	19	eP	59	42.00	-1.7

	0.8s		5.60nm			4.8mb
	Z 21s		2.51um			5.6Msz
FBA	84.55	19	eP	59	44.00	0.3
	1.0s		7.50nm			4.8mb
MWC	87.75	55	eP	00	08.00	7.7X
GBA	87.80	284	P	00	09.00	8.4X
	0.4s		1.40nm			4.6mb
SBB	88.06	54	eP	00	14.00	12.4X
PLM	88.49	56	eP	00	05.00	1.1
CLC	88.53	53	eP	00	17.00	13.2X
GSC	89.02	54	eP	00	16.00	9.8X
TPC	89.33	55	eP	00	13.00	5.3X
EUR	90.69	50	eP	00	13.00	-1.1
PNT	90.72	40	eP	00	21.00	7.2X
	0.6s		4.00nm			4.9mb
INK	91.16	20	eP	00	24.00	8.7X
ALQ	97.26	56	e(P)	00	42.00	-2.3
	Z 19s		1.53um			5.5Msz
CNCB	122.92	118	(PKP)	05	51.00	-17.9X
SPC	130.88	328	ePKP	06	37.70	14.8X
BRG	132.81	333	ePKP	06	23.00	-3.2X
	Z 18s		1.50um			5.7Msz
	N 18s		1.50um			
	E 18s		1.00um			
			e	06	40.00	
			e	08	58.00	
CLL	132.91	334	e(PKP)	06	40.00	13.6X
ZST	133.13	329	e(PKP)	06	39.00	12.1X
VAY	133.80	318	ePKP	06	30.00	1.6
KHC	134.22	332	PKP	06	35.10	6.1X
	Z 20s		0.50um			5.2Msz
	N 20s		0.50um			
	E 20s		0.50um			
OHR	135.06	318	ePKP	06	33.00	2.1X
			e	10	02.70	
LJU	135.86	328	e(PKP)	06	35.50	3.3X
MLS	144.47	336	ePKP	06	49.60	1.8
LGR	146.23	340	e(PKP)	06	57.00	6.2X
ALI	148.97	333	ePKP	07	06.00	10.8X
TOL	149.05	339	ePKP	07	14.00	18.6X
SOB1	149.18	130	ePKP	06	58.70	2.4X
			e	07	02.30	
			e	07	05.70	
ITR	151.29	133	ePKP	07	07.70	8.3X
			e	07	12.60	

S.D. = 1.4 on 34 of 81 obs.

JUN 01, 1985 17h 01m 07.21± 0.59s
46.183 N ± 6.9km 6.785 E ± 4.8km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 3.0 (LDG).

EMS	0.15	138	ePd	01	11.60	0.7
DIX	0.45	103	ePd	01	16.10	-0.3
MMK	0.83	99	eP+	01	22.50	-1.0
ROF	1.50	3	ePg	01	34.10	-0.1
BSF	1.65	0	Pg	01	36.80	0.4
			Sg	01	57.20	
LLS	1.67	65	eP+	01	38.80	1.9X
ZUL	1.70	40	eP+	01	38.00	0.8
HAU	1.85	351	Pg	01	40.30	1.1
			Sg	02	03.00	
SLE	1.97	36	eP+	01	42.30	1.3
SMF	2.09	284	Pg	01	46.60	3.9X
			Sg	02	13.00	
LBF	2.10	294	Pg	01	46.00	3.2X
			Sg	02	13.10	
CDF	2.26	8	Pn	01	42.40	-2.8
			Pg	01	47.70	
			Sg	02	16.00	
LOR	2.29	299	Pg	01	49.00	3.4X
			Sg	02	18.20	
SSF	2.42	292	Pn	01	48.30	0.8
			Pg	01	52.40	
			Sg	02	22.80	
AVF	2.45	286	Pn	01	47.60	-0.2
			Pg	01	54.20	
			Sg	02	25.00	
CDR	2.61	196	eP	01	56.50	6.4X
			e	01	59.30	
			e	02	24.60	
			i	02	35.20	
			e	02	36.50	
FRF	2.62	182	Pg	01	58.90	8.5X
			Sg	02	35.30	
LRG	2.74	186	Pg	02	01.70	9.6X

			Sg	02	41.30	
BGF	2.75	279	Pn	01	51.70	-0.5
			Pg	01	59.10	
			Sg	02	33.70	
GRC	2.78	295	ePc	02	00.40	7.8X
			i	02	02.40	
MZF	2.92	272	Pn	01	54.20	-0.3
			Pg	02	02.70	
			Sg	02	40.50	
TCF	3.18	274	Pn	01	58.30	0.1
			Pg	02	06.90	
			Sn	02	35.00	
			Sg	02	48.50	

S.D. = 1.1 on 14 of 22 obs.

* JUN 01, 1985 17h 24m 06.02± 0.78s
5.533 S ±10.6km 146.242 E ±16.4km
DEPTH = 119.8 ± 11.1 km
4.4mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

MDG	0.54	301	iP	24	24.80	0.4
LAT	1.34	146	iPc	24	35.10	3.1X
WEW	3.27	307	eP	25	06.00	9.5X
MOM	3.66	18	eP	25	01.50	-0.3
PMG	3.96	167	iPd	25	05.50	-0.4
CTA	14.47	180	iPd	27	31.90	5.6X
	0.8s		19.78nm			4.4mb
WB2	18.41	218	eP	28	13.70	-1.1
			i	31	49.80	
ASPA	21.59	212	iPd	28	48.20	0.7
BRS	22.61	165	eP	28	58.00	0.6
WBN	27.80	220	eP	29	46.00	0.1

S.D. = 0.9 on 7 of 10 obs.

* JUN 01, 1985 17h 53m 34.47± 1.40s
19.606 S ± 9.3km 70.237 W ±16.4km
DEPTH = 33.0km (normal)
NEAR COAST OF NORTHERN CHILE (122)

TPZ	2.33	143	P	54	11.70	0.0
ARE	3.35	339	iP	54	26.00	0.0
			iS	55	25.50	
CNCB	3.51	38	iP	54	28.20	-0.4
LPB	3.67	34	eP	54	31.00	0.3
ZOBO	3.88	32	ePc	54	34.00	0.2

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

? JUN 01, 1985 18h 11m 01.12± 1.61s
15.801 N ±13.1km 122.703 E ±23.3km
DEPTH = 33.0km (normal)
5.0mb (2 obs.)
PHILIPPINE ISLANDS REGION (248)

MAP	5.59	167	iPc	12	24.00	-0.1
			iS	12	26.00	
PPR	7.13	213	iPd	12	46.00	0.2
	1.0s		855.60nm			6.7mb X
CHTO	22.88	281	eP	16	02.50	-0.5
	0.5s		1.15nm			3.6mb X
SHL	30.36	294	iP	17	16.30	3.7X
PKI	36.44	295	eP	18	05.40	0.1
KKN	36.60	295	eP	18	06.70	0.2
	0.5s		12.00nm			5.0mb
DMN	36.71	295	eP	18	07.70	0.2
	0.9s		21.00nm			5.0mb

S.D. = 0.3 on 6 of 7 obs.

* JUN 01, 1985 18h 14m 53.41± 1.35s
37.326 N ±14.0km 21.742 E ±12.0km
DEPTH = 10.0km (geophysicist)
3.8mb (1 obs.)
SOUTHERN GREECE (368)
ML 3.4 (ATH).

VLS	1.25	313	ePn	15	15.50	-1.1
			eSn	15	38.00	
ATH	1.70	67	ePn	15	22.00	-1.2
			eSn	15	49.00	
			eSg	15	54.00	
KZN	2.98	0	ePn	15	43.00	1.4
NPS	3.74	122	ePb	15	53.00	0.5
OHR	3.85	349	ePn	15	54.70	0.7
VAY	4.04	9	ePn	15	56.00	-0.6
EKA	24.68	325	Pc	20	15.60	0 2
	0.7s		1.50nm			3.8mb

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

01d 18h

JUN 01, 1985 18h 16m 14.09± 0.64s
24.472 N ± 4.3km 121.674 E ± 9.8km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWC	0.21	49	iPd	16	18.90	0.3
			eS	16	22.00	
TWD	0.40	190	iPc	16	22.00	-0.2
			eS	16	28.00	
TATO	0.53	341	iPc	16	25.00	0.2
			eS	16	32.80	
TWZ	0.63	352	iPc	16	26.50	-0.2
ANP	0.72	349	eP	16	28.00	-0.4
TWF1	1.17	197	eP	16	35.50	-0.4
TWK	1.62	222	iPc	16	43.50	0.7
			eS	17	05.50	

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

? JUN 01, 1985 18h 46m 55.46± 7.70s
31.361 S ±43.7km 68.926 W ±57.6km
DEPTH = 101.2 ± 44.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.17	139	iPc	47	10.00	-0.3
			S	47	22.80	
RTLL	0.39	86	iPd	47	11.30	0.4
			S	47	24.00	
RTCV	0.60	146	iPc	47	12.30	-0.1
			S	47	27.20	
MDZ	1.52	178	eP	47	22.60	0.1
			iS	47	46.80	
TCA	3.71	91	iPc	47	51.70	-0.1
			S	48	37.70	

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

JUN 01, 1985 19h 08m 20.58± 0.57s
63.812 N ± 5.2km 149.296 W ± 6.0km
DEPTH = 80.7 ± 22.6 km
CENTRAL ALASKA (1)

COL	1.27	30	eP	08	43.00	-0.4
			eS	08	58.00	
FBA	1.27	30	eP	08	43.00	-0.4
PWA	2.19	187	eP	08	55.40	-0.1
PME	2.20	177	eP	08	56.00	0.3
TOA	2.23	139	eP	08	56.60	0.3
PMS	2.58	183	eP	09	02.00	1.0
IMA	2.93	322	eP	09	07.10	1.1
TTA	3.15	257	eP	09	07.40	-1.6
SVW	4.00	230	eP	09	21.10	0.4
DWY	4.36	82	P	09	26.00	0.2
			e	09	40.00	
			Lg	11	48.00	
PNL	6.27	127	eP	09	51.20	-1.2
KDC	6.28	196	eP	09	52.40	0.0
INK	7.23	48	eP	10	14.00	0.3
YKA	15.61	79	eP	12	05.60	8.8X

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

• JUN 01, 1985 19h 47m 45.54± 1.08s
12.134 N ±11.5km 143.626 E ± 8.6km
DEPTH = 22.8 ± 6.6 km
5.0mb (6 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUA	1.88	42	iPd	48	17.30	0.6
			eS	48	40.70	
GUMO	1.88	40	eP	48	16.80	0.0
PJG	1.88	40	iPd	48	16.60	-0.2
AAI	21.96	225	eP	52	40.80	1.1
BAG	22.73	283	eP	52	49.00	1.5
MAT	24.79	350	(P)	53	05.00	-2.2
WB2	33.16	196	eP	54	20.00	-2.6
BJI	36.86	324	eP	54	53.00	-1.0
TIY	37.75	318	eP	55	02.40	0.7
CD2	41.25	303	eP	55	31.40	0.7
LZH	43.01	311	eP	55	45.50	0.2
GTA	47.25	313	P	56	19.70	0.6
PKI	56.40	295	eP	57	27.70	-0.6
KKN	56.53	295	eP	57	28.50	-0.6
	0.9s		16.00nm			5.0mb
DMN	56.67	295	eP	57	29.90	-0.3
	0.9s		14.00nm			5.0mb
WMO	57.27	315	Pd	57	34.20	0.2
OUE	72.56	298	eP	59	14.00	0.5
MHI	78.24	305	iPd	59	46.70	1.2
MBC	79.97	14	eP	59	53.00	-1.0
	0.5s		8.00nm			5.0mb
YKA	84.70	27	eP	00	19.30	0.6
ALE	84.76	3	eP	00	18.00	-0.7
	0.9s		9.00nm			5.0mb
YKC	84.76	27	eP	00	19.00	0.0
PNT	85.26	41	eP	00	20.00	-1.8
	0.7s		8.00nm			5.1mb
NEW	87.12	41	eP	00	31.00	0.0
KEV	87.52	342	eP	00	36.00	3.5X
EDM	88.03	36	ePd	00	35.40	0.1
SOD	88.81	340	iP	00	37.80	-0.9
KJF	89.96	337	eP	00	43.00	-1.1
SB8	90.09	55	eP	00	46.00	0.5
EUR	90.25	50	iP	00	47.80	1.4
	0.2s		4.19nm			5.3mb
GSC	90.74	54	eP	00	49.00	0.5
LRM	90.87	43	eP	00	49.20	0.1
GLA	92.93	55	eP	01	01.00	2.5

S.D. = 1.1 on 32 of 33 obs.

JUN 01, 1985 20h 03m 47.11± 0.61s
46.205 N ± 6.2km 7.287 E ± 5.7km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.8 (LDG).

DIX	0.15	145	iP	03	51.10	0.3
EMS	0.28	242	iP	03	53.60	0.5
MMK	0.50	108	iP	03	56.40	-0.8
RDF	1.50	350	ePg	04	14.40	0.3
BSF	1.66	348	Pg	04	15.80	-0.7
			Sg	04	37.00	
SAX	1.76	53	iP	04	19.00	0.9
HAU	1.91	341	Pg	04	20.50	0.4
			Sg	04	44.80	
CDF	2.21	360	Pg	04	26.50	2.1X
			Sg	04	53.00	
LBF	2.41	290	Pn	04	26.40	-0.9
			Pg	04	31.90	
			Sg	05	03.40	
SMF	2.42	282	Pg	04	33.30	5.9X
			Sg	05	03.70	
BUH	2.55	14	ePn	04	09.80	-19.5X
LOR	2.59	296	Pg	04	34.90	5.2X
			Sg	05	06.40	
SSF	2.74	290	Pg	04	38.50	6.5X
			Sg	05	11.90	
CDR	2.75	204	eP	04	40.60	8.5X
			e	04	42.20	
			e	05	25.10	

S.D. = 0.8 on 8 of 14 obs.

? JUN 01, 1985 20h 30m 09.39± 7.86s
37.076 N ±64.9km 21.325 E ±31.3km
DEPTH = 10.0km (geophysicist)
SOUTHERN GREECE (368)
ML 3.4 (ATH).

VLS	1.24	332	iPbc	30	32.50	0.0
			eSb	30	51.00	
ATH	2.10	64	ePn	30	45.00	0.0
			eSb	31	17.00	
			eSg	31	21.50	
KZN	3.24	6	ePn	31	00.00	-1.4
OHR	4.05	354	ePn	31	13.20	0.4
VAY	4.35	12	ePn	31	18.00	1.0

S.D. = 1.3 on 5 of 5 obs.

JUN 01, 1985 20h 38m 39.16± 0.41s
11.105 S ± 5.7km 119.409 E ± 6.5km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
SOUTH OF SUMBA ISLAND (292)

TRT	7.49	296	iPd	40	27.50	-1.4
			iS	41	33.50	
MBL	10.01	178	eP	41	03.00	-0.8
			eS	42	45.00	
KNA	10.21	118	eP	41	06.00	-0.5
			eS	42	55.00	
MTN	11.60	100	eP	41	25.00	-0.5
			eS	43	26.00	
NAU	11.97	198	iPc	41	30.00	-0.5
			eS	43	32.00	
MEK	15.45	183	eP	42	16.00	-0.4
			eS	44	55.00	
WBN	16.42	157	eP	42	31.00	2.2X
			eS	45	25.00	
WB2	16.86	123	eP	42	34.70	0.3
			eS	45	32.20	
MRWA	18.30	190	eP	42	53.00	0.7
			eS	46	00.00	
ASPA	18.61	134	iPc	43	00.10	3.9X
	0.8s		24.00nm			4.4mb
			eS	46	19.00	
BAL	19.57	187	eP	43	10.00	2.6X
KLG	19.67	175	eP	43	10.00	1.5
			eS	46	34.00	
KLB	20.44	184	eP	43	22.00	5.4X
PPR	20.76	358	ePc	43	22.50	2.7X
MUN	20.98	188	eP	43	25.00	2.9X
			eS	47	02.00	
NWAO	21.81	185	eP	43	33.00	2.6X
			eS	47	20.00	
IPM	24.03	309	ePc	43	53.20	0.9
GBA	48.33	299	Pc	47	20.30	0.4
	0.7s		13.00nm			5.1mb
MAT	50.59	20	(P)	47	37.00	0.1
PKI	50.64	320	eP	47	37.80	0.0
DMN	50.85	320	eP	47	39.60	0.2
KKN	50.87	320	eP	47	39.40	0.0

S.D. = 0.8 on 15 of 22 obs.

JUN 01, 1985 21h 15m 34.02± 0.56s
18.806 S ± 7.2km 177.673 W ± 9.7km
DEPTH = 631.8 ± 7.9 km
4.5mb (10 obs.)
FIJI ISLANDS REGION (181)

KRO	3.16	298	iPd	17	02.00	4.9X
VUN	3.75	282	ePc	17	00.30	-0.2
NMS	4.02	280	eP	17	02.20	-0.1
NDF	4.75	282	iP	17	07.90	0.5
AFI	7.46	50	P	17	28.00	-2.0X
			S	19	03.00	
CRZ	17.78	207	P	19	11.00	3.4X
KRP	19.95	196	P	19	29.00	1.4
GNZ	20.12	190	P	19	30.00	0.9
MNG	22.52	194	P	19	48.80	-2.0
WEL	23.32	195	P	19	56.00	-1.8
TCW	23.37	195	P	19	56.80	-1.5
MSZ	28.46	202	eP	20	42.80	0.3
CAN	33.73	234	iPc	21	27.90	0.8
CTA	34.00	262	iPc	21	29.70	0.3
	0.7s		8.22nm			4.5mb
CMS	35.21	242	eP	21	40.00	0.8
TOO	37.16	232	eP	21	56.00	0.8
WB2	45.15	260	iPd	22	57.80	-0.7
ASPA	45.23	255	eP	22	59.00	-0.1
WBN	51.71	251	iPc	23	46.70	-0.4
	0.5s		22.00nm			4.8mb
SBA	59.57	184	e(P)	24	40.20	-0.1
SPA	71.31	180	eP	25	54.90	1.8
	0.7s		7.81nm			4.3mb
MWC	77.43	47	eP	26	28.00	0.5
PLM	77.80	48	eP	26	29.00	-0.5
SBB	77.84	47	eP	26	29.00	-0.5
ORV	78.20	41	eP	26	31.20	0.0
CLC	78.62	46	eP	26	33.00	-0.5
TPC	78.77	48	eP	26	35.00	0.6
GLA	79.10	50	eP	26	37.00	0.9
BMN	81.40	42	eP	26	48.00	0.1
	1.0s		7.25nm			4.2mb
PNT	85.08	34	eP	27	06.00	0.3
	0.8s		17.00nm			4.7mb
LTX	85.89	57	iP	27	11.80	1.7
	0.9s		14.02nm			4.7mb
ALQ	86.11	51	eP	27	11.00	-0.2
	1.0s		7.50nm			4.4mb
COL	86.53	12	eP	27	11.00	-1.3
	0.7s		17.12nm			4.9mb
LRM	87.22	39	eP	27	16.70	0.5
BDW	87.52	43	eP	27	17.00	-0.7
	1.0s		7.40nm			4.4mb
RSSD	91.72	44	eP	27	36.80	-0.2
	1.0s		6.00nm			4.6mb
YKA	94.85	25	eP	27	50.80	0.3
YKC	94.90	25	eP	27	50.00	-0.7
SOD	129.02	348	ePKP	33	30.00	-2.3X
SOB1	129.09	119	e(PKP)	33	34.00	-0.1
KJF	131.50	345	iPKP	33	36.90	-0.2
	0.6s		9.10nm			
NB2	137.34	354	PKP	33	47.60	-0.8
	0.6s		1.10nm			

EDU	142.11	5	ePKP	33 52.00	-4.9X
EAB	142.34	6	ePKP	33 53.40	-3.9X
EBL	142.87	5	ePKP	33 55.40	-2.8X
EKA	143.30	5	PKPd	33 56.10	-2.8X
	0.6s	6.60nm			
WIT	145.89	355	ePKP	34 06.00	2.7X
KSP	146.16	344	iPKPd	34 06.50	2.6X
CLL	146.48	348	iPKP	34 06.60	2.2X
WTS	146.69	355	ePKP	34 07.00	2.4X
	0.8s	9.00nm			
			e	34 09.50	
BRG	146.70	347	iPKP	34 07.10	2.4X
	1.3s	18.00nm			
PRU	147.39	345	PKP	34 09.30	3.4X
			e	34 13.40	
HOF	147.65	349	iPKPc	34 10.30	4.0X
ENN	147.98	356	ePKP	34 11.00	4.2X
	0.8s	12.00nm			
			e	34 12.50	
			e	34 15.00	
ZST	148.32	341	iPKP	34 12.50	5.1X
GRF	148.37	349	ePKP	34 12.40	4.9X
			e	34 17.70	
KHC	148.42	346	PKPd	34 12.00	4.4X
	0.9s	13.00nm			
			e	34 18.00	
DOU	148.73	357	PKP	34 12.70	4.8X
WLF	149.06	355	PKPd	34 14.00	5.6X
GWF	149.60	353	ePKP	34 14.80	5.5X
FUR	149.82	348	iPKPc	34 15.60	5.9X
	0.7s	21.00nm			
FLN	150.03	4	ePKP	34 15.10	5.2X
CDF	150.20	353	ePKP	34 15.90	5.6X
LDF	150.22	3	ePKP	34 15.30	5.1X
GRR	150.38	4	ePKP	34 16.10	5.6X
KBA	150.39	345	iPKP	34 15.70	4.9X
	0.5s	8.80nm			
			i	34 19.80	
HAU	150.69	354	ePKP	34 16.90	5.9X
LPF	150.72	5	ePKP	34 16.90	5.9X
BSF	150.82	354	ePKP	34 17.30	6.0X
VOY	151.21	343	ePKP	34 17.80	5.9X
GRC	151.58	359	iPKPd	34 20.00	7.7X
LOR	151.58	358	ePKP	34 19.00	6.7X
SSF	151.80	358	ePKP	34 19.60	7.0X
LBF	151.86	358	ePKP	34 19.50	6.7X
AVF	152.08	358	ePKP	34 19.90	6.9X
MFF	152.20	4	ePKP	34 20.10	6.9X
SMF	152.21	358	ePKP	34 20.50	7.3X
BGF	152.32	359	ePKP	34 20.60	7.2X
TCF	152.59	0	ePKP	34 20.80	7.0X
LSF	152.62	1	ePKP	34 20.70	6.9X
MZF	152.67	360	ePKP	34 21.70	7.8X
CAF	153.95	0	ePKP	34 24.30	8.6X
	S.D. = 0.9	on	38 of	82 obs.	

% JUN 01, 1985 22h 32m 35.41± 2.92s
39.301 N ±10.9km 26.251 E ±27.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.53	6	iPg	32 45.10	-1.0
			iSg	32 53.10	
IZM	1.20	138	iPn	32 57.90	0.1
KGT	1.41	35	iPn	33 01.20	0.2
EDC	1.62	49	iPn	33 04.60	0.5
MFT	1.68	28	iPn	33 06.20	1.1
DST	1.86	80	ePn	33 06.40	-1.3
KCT	1.88	59	iPn	33 08.20	0.3
DMK	2.77	24	ePn	33 31.00	10.4X
	S.D. = 1.0	on	7 of	8 obs.	

JUN 01, 1985 23h 01m 39.36± 0.54s
24.188 S ± 6.9km 67.193 W ± 7.9km
DEPTH = 202.7 ± 8.2 km
CHILE-ARGENTINA BORDER REGION (127)

SLA	1.64	110	iPc	02 15.60	0.5
			S	02 41.20	
YJA	2.54	38	ePc	02 24.00	-0.7
			(S)	02 57.80	
ANT	2.99	279	iP	02 29.90	0.5
			iS	03 04.30	
TPZ	3.05	332	iP	02 30.80	0.2
			S	03 08.30	
TPL	3.47	306	iP	02 34.70	-0.5
CNCB	7.38	354	P	03 25.50	-0.5
			S	04 40.30	
TCA	7.49	163	iPc	03 26.40	-0.5
			S	04 48.00	
LPB	7.66	353	iP	03 30.30	0.7
ZOBO	7.93	353	iP	03 33.20	-0.1
	0.4s	27.32nm		4.8mb	X
VAO	18.58	90	eP	05 43.80	0.1
BAO	19.94	68	Pd	05 58.70	1.0
			e	06 06.00	
			e	06 19.00	
SOB1	29.18	64	e(P)	07 24.00	-0.1
ITR	31.47	66	eP	07 43.30	-0.8
	S.D. = 0.7	on	13 of	13 obs.	

• JUN 01, 1985 23h 41m 04.85± 2.96s
31.855 S ±15.5km 67.730 W ±26.4km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.50	300	e(P)	41 14.90	-0.1
			S	41 23.20	
RTCV	0.69	269	iPd	41 18.20	-0.3
			S	41 29.00	
RTLL	0.82	310	ePd	41 20.50	-0.3
			S	41 31.20	
RTCB	0.98	292	ePd	41 24.20	0.6
			S	41 37.50	
MDZ	1.40	222	eP	41 38.90	8.5X
			iS	41 57.20	
RFA	2.97	192	e(P)	41 53.00	0.0
			S	42 37.40	
	S.D. = 0.5	on	5 of	6 obs.	

JUN 02, 1985 00h 04m 40.62± 0.42s
37.001 N ± 7.1km 96.873 E ± 7.0km
DEPTH = 33.0km (normal)
4.7mb (5 obs.) 4.2Msz (1 obs.)
QINGHAI PROVINCE, CHINA (325)

GTA	3.34	43	Pn	05 34.00	2.1
			Pg	05 40.00	
			Sn	06 13.00	
LZH	5.69	97	Pn	06 04.50	-0.7
			Pg	06 17.50	
			Sn	07 11.00	
			Sg	07 31.50	
CD2	8.34	135	eP	06 44.80	2.6
XAN	10.25	103	eP	07 03.70	-4.9X
			Lg	09 56.00	
SHL	12.17	202	eP	07 35.00	0.3
KMI	12.86	155	eP	07 43.50	-0.5
GYA	13.40	139	P	07 50.40	-0.7
BJI	15.41	73	eP	08 19.00	1.9
CHTO	18.21	174	e(P)	08 50.50	-2.0
	1.0s	4.75nm		3.6mb	X
LOE	19.98	166	eP	09 13.00	-0.2
SSE	20.96	99	Pc	09 23.10	-0.1
SNY	21.15	69	iPc	09 23.50	-1.5
CN2	22.72	64	Pc	09 40.60	-0.1
QUE	25.77	264	eP	10 12.70	2.4
KJF	48.44	327	eP	13 20.00	-1.3
	0.5s	16.80nm		5.3mb	
			i	13 27.00	
KEV	48.88	334	eP	13 30.00	5.4X
SOD	48.91	331	iP	13 30.70	5.8X
SUF	49.19	325	iP	13 26.90	-0.2
NUR	50.08	322	eP	13 30.00	-4.0X
	Z 18s	0.20um		4.2Msz	
			LR	36 00.00	
NB2	56.43	324	P	14 18.50	-2.6
	0.5s	1.30nm		4.2mb	
WLF	63.32	313	P	15 09.80	1.4
LAT	63.84	122	eP	15 11.00	-1.2
DOU	64.03	314	Pc	15 16.10	3.0X
PMG	65.95	124	eP	15 19.00	-6.9X
SMF	66.10	311	eP	15 26.20	-0.3
	0.5s	2.90nm		4.6mb	
AVF	66.32	312	eP	15 27.60	-0.3
WB2	66.77	141	eP	15 30.70	-0.2
MZF	67.07	311	eP	15 32.80	0.1
GRR	67.98	315	eP	15 38.40	0.1
	0.5s	3.30nm		4.7mb	
YKA	77.66	14	eP	16 34.60	-0.3
BNG	78.02	267	iPd	16 44.70	6.9X
	0.6s	8.00nm		4.9mb	
FRB	78.92	353	eP	16 40.00	-1.8
MTD	81.45	242	eP	16 57.00	0.9
KRI	82.88	243	eP	17 04.00	0.4
BUL	85.79	241	iPd	17 20.00	1.8
	S.D. = 1.4	on	28 of	35 obs.	

• JUN 02, 1985 00h 26m 37.96± 0.86s
23.269 S ±15.1km 114.944 W ±17.8km
DEPTH = 10.0km (geophysicist)
4.6mb (3 obs.) 4.5Msz (1 obs.)
EASTER ISLAND REGION (685)

TPZ	42.65	97	eP	35 02.00	25.0X
LPB	44.41	90	eP	34 51.00	-0.4
	Z 20s	0.53um		4.5Msz	
			LR	48 00.00	
CNCB	44.44	91	P	34 52.20	0.4
ZOBO	44.46	90	P	34 52.10	0.1
			LR	48 02.00	
BAR	55.66	358	eP	36 18.00	1.5
TPC	57.07	359	eP	36 26.00	-0.7
MWC	57.25	357	eP	36 38.00	9.9X
SBB	57.70	357	eP	36 43.00	11.9X
GSC	58.28	358	eP	36 40.00	4.8X
ALQ	58.45	8	eP	36 35.00	-1.5
	1.1s	4.75nm		4.5mb	
EUR	62.43	359	iP	37 03.50	-0.2
	0.5s	1.46nm		4.4mb	
BAO	63.12	96	e(P)	37 12.80	4.1X
SPA	66.87	180	e(P)	37 32.00	-0.2
EDM	76.18	1	eP	38 27.50	-0.2
YKC	85.45	0	eP	39 17.00	0.5
	1.3s	20.00nm		5.2mb	
YKA	85.46	0	eP	39 17.20	0.6
COL	91.47	347	eP	39 50.00	4.7X
	S.D. = 0.9	on	11 of	17 obs.	

JUN 02, 1985 02h 47m 53.17± 0.46s
46.976 N ±11.2km 150.732 E ± 5.8km
DEPTH = 172.8km (2 depth phases)
4.6mb (31 obs.)
KURIL ISLANDS (221)

CN2	18.02	269	iPc	51 49.60	-3.8X
SNY	20.02	265	iPc	52 13.30	-0.8
BJI	25.85	267	eP	53 11.50	1.4
TTA	33.34	42	eP	54 16.50	0.3
XAN	33.91	263	P	54 20.80	-0.6
IMA	34.59	36	eP	54 27.40	0.5
PME	36.62	44	eP	54 44.00	0.2
	1.0s	5.00nm		4.2mb	
COL	37.00	39	iP	54 48.00	1.0
	0.8s	17.52nm		4.8mb	
			pP	55 25.50	171km
FBA	37.00	39	eP	54 47.40	0.4
CD2	39.28	263	eP	55 06.90	0.5
GYA	40.18	255	P	55 14.00	0.1
INK	42.35	32	ePd	55 31.80	0.8
	0.4s	11.00nm		4.8mb	
KMI	43.69	257	eP	55 42.50	-0.2
MBC	44.94	20	eP	55 52.00	0.3
CHTO	50.59	254	iP	56 36.60	0.4
	0.7s	17.15nm		4.8mb	
			pP	57 15.90	174km
YKA	51.71	36	eP	56 44.60	0.5
YKC	51.77	36	eP	56 45.00	0.5
PNT	56.37	52	iP	57 17.00	-1.2
	0.5s	12.00nm		5.0mb	
KEV	56.57	340	eP	57 13.00	-6.3X
NEW	58.33	52	eP	57 32.00	0.1
SOD	58.44	338	iP	57 29.90	-2.5
KJF	60.53	335	eP	57 44.00	-2.7
FFC	61.60	39	iPd	57 53.80	-0.2
	0.7s	10.00nm		4.8mb	
SUF	62.12	335	iP	57 55.20	-2.1
	0.5s	6.50nm		4.8mb	
LRM	62.35	52	ePd	57 59.60	0.2
BMN	63.12	59	eP	58 05.00	0.6
	0.5s	1.77nm		4.2mb	
NUR	64.29	334	iP	58 09.20	-2.3
	0.5s	9.80nm		4.9mb	
EUR	64.47	59	iP	58 13.50	0.2
	0.2s	25.12nm		5.8mb	X
FRB	65.36	18	eP	58 17.00	-1.3
HYB	65.36	269	eP	58 18.00	-1.0
CLC	65.90	63	eP	58 21.00	-1.3
BDW	65.91	53	iP	58 22.80	0.3
	0.9s	12.99nm		4.8mb	
SBB	66.51	64	eP	58 25.00	-1.2

02d 02h

NB2	67.47	340	P	58 28.60	-3.2X
	0.6s		4.20nm		4.4mb
RSON	67.89	38	eP	58 34.00	-0.5
	0.7s		6.42nm		4.5mb
RSSD	67.91	49	eP	58 34.70	-0.3
	0.7s		12.54nm		4.8mb
GBA	68.88	267	Pc	58 40.00	-0.5
	0.7s		19.60nm		5.0mb
ALO	73.10	57	eP	59 06.00	-0.2
	0.9s		4.62nm		4.2mb
SCH	73.74	22	eP	59 09.00	-0.4
EKA	75.72	345	Pc	59 20.60	0.0
	0.6s		2.30nm		4.1mb
WTS	76.67	338	eP	59 25.50	-0.4
KHC	77.31	333	eP	59 29.50	-0.1
ENN	78.02	338	e(P)	59 28.50	-4.9X
MEM	78.14	338	P	59 34.40	0.4
TUL	78.22	50	eP	59 34.00	-0.8
	0.8s		10.80nm		4.6mb
DLE	78.25	346	iPc	59 34.90	0.3
	0.5s		12.00nm		4.9mb
DCN	78.32	347	eP	59 35.00	0.0
RLO	78.42	49	iPd	59 35.90	0.0
DOU	78.97	339	P	59 41.20	2.6X
OTT	79.36	31	eP	59 40.00	-0.7
BHO	79.88	50	e(P)	59 43.70	0.0
FLN	81.41	341	eP	59 52.00	0.5
	0.7s		9.70nm		4.6mb
LDF	81.49	341	eP	59 51.70	-0.2
LOR	81.77	338	eP	59 53.40	0.0
	0.6s		2.70nm		4.2mb
GRR	81.85	341	eP	59 54.30	0.5
	0.6s		6.90nm		4.6mb
GRC	81.95	338	iPc	59 54.60	0.3
LBF	82.01	338	eP	59 54.60	-0.1
SSF	82.06	338	eP	59 54.90	0.0
	0.5s		2.10nm		4.1mb
LPF	82.23	341	eP	59 56.50	0.8
	0.5s		4.00nm		4.4mb
AVF	82.35	338	eP	59 56.70	0.3
	0.6s		3.10nm		4.2mb
SMF	82.36	338	eP	59 56.70	0.2
	0.9s		9.80nm		4.6mb
BGF	82.69	338	eP	59 58.40	0.2
	0.6s		2.90nm		4.2mb
MZF	83.08	338	eP	00 01.00	0.8
	0.5s		4.70nm		4.5mb
TCF	83.10	339	eP	00 01.20	0.9
LSF	83.31	339	eP	00 01.80	0.5
	0.8s		8.70nm		4.6mb
MFF	83.38	340	eP	00 02.60	1.0
	0.8s		10.70nm		4.7mb
CAF	84.41	338	eP	00 08.00	1.1
	0.6s		4.80nm		4.5mb
CDR	84.57	335	eP	00 09.70	2.0
LRG	84.60	335	eP	00 08.50	0.7
LMR	84.67	335	eP	00 08.90	0.7
LFF	84.73	339	eP	00 09.40	0.9
	0.6s		6.60nm		4.6mb
LPO	84.86	339	eP	00 10.10	1.0
VAO	152.16	37	e(PKP)	07 30.00	7.6X
	S.D. = 0.9		on 67 of 73 obs.		

• JUN 02, 1985 02h 55m 25.67± 1.23s
37.172 N ±10.6km 21.736 E ±10.3km
DEPTH = 65.5 ± 12.1 km
3.6mb (1 obs.)
SOUTHERN GREECE (368)

VLS	1.35	318	ePn	55 48.50	-0.4
			eSn	56 12.00	
ATH	1.77	62	ePn	55 54.00	-0.5
			eSn	56 21.00	
			eSb	56 24.00	
LIT	2.98	11	ePc	56 15.00	3.4X
PAIG	3.15	28	eP	56 14.50	0.7
NPS	3.67	120	ePb	56 21.50	0.3
GRG	3.81	8	eP	56 23.00	-0.3
OHR	4.00	350	ePn	56 27.00	1.1
VAY	4.19	9	iPn	56 29.40	0.8
SRS	4.20	20	ePc	56 39.60	11.0X
MMB	4.67	19	eP	56 35.00	-0.4
SKO	4.80	357	iPn	56 36.50	-0.6
KDZ	5.27	31	iP	56 43.00	-0.7
PLD	5.43	24	e(P)	56 49.00	3.1X
NB2	24.80	348	P	00 41.80	-0.9
	0.8s		1.70nm		3.6mb

SUF	25.72	5	iP	00 52.10	0.9
	S.D. = 0.8		on 12 of 15 obs.		

• JUN 02, 1985 03h 10m 31.53± 0.89s
13.546 N ±12.9km 91.892 W ±10.1km
DEPTH = 33.0km (normal)
4.6mb (10 obs.)
NEAR COAST OF GUATEMALA (71)

COM	2.70	355	iP	11 15.00	1.2
PBJ	4.45	311	iP	11 33.00	-5.5X
VHO	5.94	309	iP	11 55.00	-4.7X
			iS	13 04.00	
IIT	8.22	312	iP	12 31.00	-0.7
TPM	8.75	309	iP	12 38.00	-1.0
IIP	8.87	311	iP	12 42.00	1.2
IIM	9.05	310	P	12 44.00	0.8
IIC	9.38	312	iP	12 51.50	3.6X
OXM	9.41	308	eP	12 47.00	-1.3
BHO	20.92	353	eP	15 13.20	-0.5
TUL	22.54	352	eP	15 29.30	-0.7
	0.8s		18.70nm		4.6mb
RLO	22.70	353	eP	15 30.20	-1.4
ALQ	25.04	331	eP	15 55.00	0.5
	0.9s		6.30nm		4.2mb
BDW	32.89	336	eP	17 05.00	0.0
	1.0s		2.40nm		4.0mb
EUR	33.43	325	iP	17 11.20	1.4
	0.5s		3.32nm		4.5mb
LRM	36.57	336	eP	17 37.40	0.9
YKC	51.45	347	eP	19 35.00	-0.4
	0.7s		16.00nm		5.1mb
YKA	51.49	347	eP	19 36.10	0.3
FRB	52.73	13	eP	19 43.00	-2.1
SOB1	55.44	111	eP	20 11.80	6.1X
	0.9s		5.10nm		4.6mb
			e	20 20.80	
ITR	57.52	110	e(P)	20 14.00	-6.5X
INK	60.88	344	ePc	20 43.40	0.4
COL	63.70	337	eP	21 02.00	0.2
	0.8s		5.60nm		4.7mb
MBC	64.37	353	eP	21 06.00	0.0
DAG	73.05	13	iPc	21 59.70	0.0
	0.4s		6.78nm		5.0mb
EKA	78.27	36	Pd	22 30.90	1.3
	0.7s		6.00nm		4.7mb
AIA	81.28	169	eP	22 45.20	-0.2
NB2	84.49	28	P	22 57.70	-4.5X
	0.6s		0.50nm		3.9mb
LOE	146.43	336	ePKP	30 14.00	3.6X
GBA	151.03	22	PKPd	30 27.90	10.4X
	0.6s		8.50nm		
	S.D. = 1.0		on 22 of 30 obs.		

• JUN 02, 1985 04h 35m 35.46± 0.69s
28.152 S ±14.2km 177.320 W ±14.1km
DEPTH = 58.1km (2 depth phases)
4.8mb (3 obs.)
KERMADEC ISLANDS REGION (177)

RAO	1.22	205	P	35 56.00	-0.5
CRZ	10.60	231	P	38 12.50	5.4X
CAN	29.42	247	eP	41 36.80	1.1
YOU	29.87	250	eP	41 41.10	1.5
CTA	34.10	275	iPd	42 18.20	1.5
	0.9s		9.24nm		4.7mb
ASPA	43.87	264	eP	43 39.00	1.0
WB2	44.65	270	eP	43 43.70	-0.6
WBN	49.58	259	eP	44 21.00	-1.9
SBA	50.32	184	eP	44 28.80	1.1
			i	44 33.90	17kmX
MRWA	57.76	252	iPd	45 20.80	-2.1
SPA	62.01	180	iPc	45 51.70	-0.1
	0.9s		27.73nm		5.4mb
CLC	84.93	45	eP	48 06.00	0.5
ALQ	91.71	51	eP	48 38.70	0.7
	1.0s		2.50nm		4.6mb
			e	48 55.70	59km
COL	95.55	12	eP	48 55.00	0.2
			pP	49 11.40	57km
KJF	140.55	343	ePKP	54 53.00	-6.2X
SUF	142.16	343	iPKP	54 57.30	-4.9X
	0.5s		2.50nm		
NUR	144.39	341	iPKP	55 04.00	-2.0
	0.7s		36.00nm		
	Z 24s		0.20um		4.8MszX
NB2	146.62	352	PKP	55 09.60	-0.2

	1.0s		15.80nm		
BHL	151.25	290	PKP	55 25.00	7.1X
BNG	152.00	215	iPKPc	55 26.10	6.6X
	0.8s		14.00nm		
			ic	55 35.70	
EKA	152.51	7	PKP	55 37.00	18.1X
	0.9s		3.80nm		
	S.D. = 1.3		on 15 of 21 obs.		

• JUN 02, 1985 04h 55m 55.27± 1.41s
66.101 N ±17.5km 150.037 W ± 7.8km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.6 (PMR).

IMA	1.48	270	eP	56 22.30	0.2
COL	1.53	141	eP	56 22.50	-0.1
FBA	1.53	141	eP	56 22.50	-0.1
TTA	4.10	222	eP	56 59.00	-0.3
TOA	4.35	155	eP	57 03.50	0.5
DWY	4.93	110	P	57 11.00	-0.1
			Lg	58 25.00	
INK	6.79	64	eP	57 32.00	-5.2X
	S.D. = 0.4		on 6 of 7 obs.		

% JUN 02, 1985 06h 05m 24.68± 2.45s
31.167 S ±21.8km 68.532 W ±14.5km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.17	162	iPc	05 30.30	-0.8
RTCB	0.39	216	iPd	05 33.70	-0.1
CFA	0.50	150	iPc	05 35.00	-0.4
			S	05 38.60	
RTCV	0.69	180	iPd	05 38.30	0.3
MDZ	1.73	189	eP	06 06.70	13.7X
			iS	06 22.00	
TCA	3.38	94	ePd	06 16.80	0.3
			S	07 00.50	
RFA	3.59	179	ePd	06 20.20	0.7
			S	07 17.00	
SLA	6.95	23	e(P)	07 16.00	9.0X
	S.D. = 0.7		on 6 of 8 obs.		

• JUN 02, 1985 06h 37m 43.36± 0.92s
15.423 N ± 9.3km 91.793 W ± 9.9km
DEPTH = 167.5 ± 9.9 km
5.0mb (4 obs.)
MEXICO-GUATEMALA BORDER REGION (62)

COM	0.89	339	iP	38 10.00	0.6
			iS	38 30.00	
PBJ	3.62	287	iP	38 32.00	-7.8X
			iS	39 14.00	
VHO	5.07	291	iP	38 56.20	-2.8
			iS	39 43.50	
TPM	7.80	298	iP	39 35.50	0.3
IIP	7.84	301	iP	39 36.00	0.1
TAC	8.10	300	iP	39 41.00	1.7
IIC	8.33	302	iP	39 41.50	-0.9
OXM	8.46	298	iP	39 43.90	-0.3
PIM	10.07	288	iP	40 05.00	0.0
BHO	19.08	352	eP	41 56.10	0.7
TUL	20.71	351	eP	42 12.40	0.4
	1.0s		63.10nm		5.0mb
			e	42 27.00	
			i	42 53.20	
RLO	20.86	353	e(P)	42 13.50	0.1
FVM	22.51	3	eP	42 30.00	0.5
ALQ	23.48	329	e(P)	42 41.00	1.8
			e	43 15.00	
EUR	31.97	323	iP	43 57.00	1.2
	0.2s		6.14nm		5.0mb
OTT	32.80	21	eP	44 03.00	0.4
BMN	33.32	323	eP	44 08.50	1.1
			pP	44 44.30	169kmX
MNT	33.66	23	eP	44 10.00	0.0
RSON	35.38	358	e(P)	44 26.00	1.5
ZOBO	39.21	142	ePd	44 57.80	0.2
LPB	39.43	143	P	45 00.00	0.8
CNCB	39.72	143	P	45 03.00	1.3
SCH	43.83	21	eP	45 33.50	-0.7
YKC	49.85	346	eP	46 19.00	-0.5
	0.9s		21.00nm		4.8mb
YKA	49.70	346	eP	46 19.60	-0.2
FRB	50.89	13	eP	46 27.00	-1.9
SOB1	56.05	113	e(P)	47 06.00	-1.4

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INK     59.12 343 eP     47 27.00   -1.1
MBC     62.53 353 eP     47 50.00   -0.9
DAG     71.21  13 iPd    48 43.70   -1.7
         0.3s     10.39nm          5.1mb
WB2    135.91 257 ePKP   56 47.20    0.5X
      S.D. = 1.2  on  29 of  31 obs.

   JUN  02, 1985  07h 18m 08.69± 0.39s
   28.823 N ± 9.3km  140.354 E ± 7.3km
   DEPTH =  33.0km  (normal)
   4.5mb (  5 obs.)
 BONIN ISLANDS REGION                (212)

TIA     20.90 297 eP     22 51.40    0.8
XAN     27.26 289 eP     23 51.60   -0.3
CD2     31.72 283 eP     24 32.00    0.2
GTA     34.93 298 P      24 59.60    0.0
HNR     42.48 151 eP     25 58.00   -4.5X
PSI     47.19 244 ePd    26 40.80    0.5
KKN     48.12 283 eP     26 47.80   -0.1
         0.8s     13.00nm          5.0mb
WB2     48.83 188 iPc    26 52.20   -0.7
CTA     48.96 173 eP     26 54.00    0.1
INK     62.15  25 eP     28 28.00   -0.6
YKA     71.39  28 eP     29 27.10    0.0
YKC     71.46  28 eP     29 27.00   -0.5
ORV     77.99  51 eP     30 05.90    0.5
LRM     80.71  43 eP     30 21.30    1.0
                e        30 26.40
FFC     81.12  31 eP     30 22.00    0.1
         0.7s      4.00nm          4.5mb
NB2     81.41 338 P      30 21.40   -2.0
         0.9s      3.90nm          4.4mb
EUR     81.77  49 eP     30 26.50    0.5
                pP       30 32.00   17kmX
BDW     84.10  44 eP     30 37.20   -0.7
         0.9s      2.05nm          4.3mb
FRB     84.96  12 eP     30 42.00    0.6
ALO     90.60  49 eP     31 10.00    0.6
         0.9s      2.52nm          4.5mb
      S.D. = 0.7  on  19 of  20 obs.

•  JUN  02, 1985  08h 10m 58.70± 1.17s
   37.480 N ±12.4km   21.867 E ±10.9km
   DEPTH =  58.7 ± 19.2 km
   3.8mb (  2 obs.)
 SOUTHERN GREECE                     (368)

VLS      1.23 305 ePn     11 20.00    0.0
                eSb      11 43.00
ATH      1.55  71 ePn     11 25.00    0.7
                eSn      11 53.10
                eSg      12 00.00
LIT      2.66  10 ePd     11 45.00    5.0X
KZN      2.82 358 ePn     11 47.50    5.1X
                ePg      12 03.00
PAIG     2.83  30 eP      11 46.20    3.9X
OUR      3.29  29 eP      11 51.20    2.3X
SRG      3.50   7 eP      11 44.00   -7.8X
OHR      3.72 347 ePn     12 01.60    6.6X
NPS      3.75 125 ePg     11 55.00   -0.3
SPS      3.87  20 eP      11 56.40   -0.7
VAY      3.87   8 ePn     12 01.30    4.2X
SKO      4.50 356 ePn     12 06.00    0.1
NB2     24.52 347 P       16 13.80    0.1
         0.6s      1.00nm          3.5mb
ZKA     24 61 325 Pc      16 19.80    5.3X
         1.4s      8.20nm          4.0mb
      S.D. = 0.7  on   6 of  14 obs.

?  JUN  02, 1985  08h 35m 29.50± 1.28s
   16.626 N ±34.3km   92.731 W ±16.4km
   DEPTH =  33.0km  (normal)
 CHIAPAS, MEXICO                     ( 61)

COM      0.69 123 iP      35 42.90    0.0
PBJ      2.57 266 iP      36 10.00    0.2
                iS       36 47.00
VHO      3.88 280 iP      36 28.00   -0.5
                iS       37 15.00
TPM      6.47 292 iP      37 06.00    0.9
OXM      7.13 293 iP      37 14.00   -0.6
      S.D. = 0.8  on   5 of   5 obs.

•  JUN  02, 1985  08h 41m 36.04± 1.99s
   12.767 N ±29.6km   89.493 W ± 8.7km
   DEPTH =  33.0km  (normal)
   4.5mb (  7 obs.)
 OFF COAST OF CENTRAL AMERICA        ( 76)

COM      4.30 324 eP      42 41.00   -0.1
PBJ      6.79 303 iPc     43 15.00   -1.0
VHO      8.29 303 iP      43 33.00   -4.1X
TPM     11.08 305 iP      44 15.50   -0.1
OXM     11.75 305 iP      44 25.00    0.2
BHO     22.06 348 eP      46 30.30    0.5
TUL     23.73 347 eP      46 50.80    4.7X
         0.8s      7.50nm          4.3mb
ALO     26.90 328 eP      47 16.00   -0.2
         0.8s      2.43nm          3.9mb
EUR     35.42 323 iP      48 33.00    1.6
         0.7s      2.23nm          4.2mb
RSON    38.14 356 eP      48 53.20   -0.6
         0.7s      8.75nm          4.7mb
LRM     38.26 334 eP      48 55.80    0.6
FFC     42.99 349 eP      49 34.00    0.2
         0.8s      6.00nm          4.4mb
SCH     45.58  18 eP      49 54.50   -0.1
YKC     52.75 346 eP      50 50.00    0.2
         0.7s      8.00nm          4.8mb
YKA     52.80 346 eP      50 50.00   -0.1
FRB     52.99  11 eP      50 51.00   -0.5
INK     62.30 343 ePd     51 56.80   -0.2
MBC     65.44 352 eP      52 17.00   -0.4
DAG     73.27  13 iPc     53 05.50    0.0
         0.3s      9.09nm          5.2mb
CHTO   147.54 345 ePKP    01 21.10    4.5X
         0.8s      3.29nm
LOE    148.04 339 ePKP    01 23.00    5.6X
GBA    150.77  27 PKPd    01 30.40    8.7X
         0.6s     11.80nm
      S.D. = 0.6  on  17 of  22 obs.

&  JUN  02, 1985  08h 42m 41.15s
   61.681 N          150.904 W
   DEPTH =  74.1km
 SOUTHERN ALASKA                     (  2)
      <AGS-P>.

SUA      0.23 160 iP      42 52.57   -0.1
                eS       43 01.55
SKT      0.42 316 iP      42 53.22   -0.7
                eS       43 02.74
PWA      0.49  93 iP      42 54.24   -0.2
                eS       43 04.02
CGLM     0.65 235 iP      42 55.62   -0.5
                eS       43 08.00
CRP      0.73 236 eP      42 56.47   -0.6
SPU      0.75 228 iP      42 56.43   -0.7
                eS       43 08.19
PMS      0.78 124 iP      42 56.87   -0.6
                eS       43 09.47
PLRM     0.85  95 eP      42 57.60   -0.7
                eS       43 10.42
MSE      0.93  79 iP      42 59.15   -0.3
                eS       43 12.82
GHO      0.95  84 eP      42 59.03   -0.5
NKA      0.96 190 eP      43 00.80    1.3
KNK      1.20 102 iP      43 02.03   -0.7
                eS       43 19.23
PTE      1.22 131 iP      43 02.06   -0.9
                eS       43 18.74
SLKM     1.22 164 iP      43 01.88   -1.1
SML      1.23  83 iP      43 02.29   -0.8
RDT      1.33 214 eP      43 03.72   -0.7
                eS       43 21.38
MPA      1.41 147 eP      43 04.52   -0.9
                eS       43 22.30
CFI      1.59 107 eP      43 06.54   -1.3
SCM      1.71  83 eP      43 08.72   -0.8
SEW      1.74 155 eP      43 09.26   -0.5
ILM      1.77 213 eP      43 09.76   -0.6
BRLK     1.92 180 eP      43 12.62    0.2
TTV      1.93 107 eP      43 11.22   -1.3
GLI      2.01 112 eP      43 11.64   -1.9
VZW      2.19 105 eP      43 14.36   -1.7
VLZ      2.27 102 eP      43 14.98   -2.1
TOA      2.28  77 eP      43 17.14   -0.3
FID      2.34 112 eP      43 15.71   -2.4
                eS       43 42.78
SVW      2.34 258 eP      43 16.73   -1.5
KLU      2.39  92 eP      43 17.02   -1.9
TTA      2.69 300 eP      43 21.91   -1.2
KMP      2.81  91 eP      43 22.57   -2.2
      32 obs. associated

•  JUN  02, 1985  09h 27m 55.69± 1.55s
   5.730 N ±13.4km  126.176 E ±19.0km
   DEPTH = 134.8 ± 18.6 km
   4.6mb (  1 obs.)
 MINDANAO, PHILIPPINE ISLANDS        (259)

CGP      3.08 332 iPd     28 44.00   -0.1
                eS       29 21.40
KGM     23.10 262 ePd     32 51.90    1.4
WB2     26.75 163 eP      33 25.70    1.0
PSI     27.34 265 e(P)    33 29.50   -0.6
NAU     29.98 200 eP      33 53.00   -0.6
CTA     32.37 143 eP      34 20.00    5.4X
MEK     32.99 193 eP      34 18.80   -1.1
MRWA    36.10 195 eP      34 46.00   -0.3
KLB     37.97 192 eP      35 02.00    0.0
MUN     38.68 194 eP      35 08.00    0.1
NWAO    39.37 192 eP      35 14.00    0.4
SUF     89.53 333 iP      40 38.50   -0.2
         0.4s      2.10nm          4.6mb
      S.D. = 0.8  on  11 of  12 obs.

•  JUN  02, 1985  09h 46m 06.16± 2.48s
   66.149 N ±28.3km  150.054 W ±13.1km
   DEPTH =  10.0km  (geophysicist)
 ALASKA                              (676)
      ML 3.9 (PMR).

IMA      1.48 269 eP      46 33.00    0.1
COL      1.57 142 eP      46 34.00   -0.1
FBA      1.57 142 eP      46 33.80   -0.3
TTA      4.13 221 eP      47 10.50   -0.2
TOA      4.40 155 eP      47 15.00    0.4
DWY      4.96 110 P       47 18.00   -4.3X
                Lg       48 36.00
INK      6.77  64 eP      47 43.00   -4.9X
      S.D. = 0.4  on   5 of   7 obs.

?  JUN  02, 1985  10h 25m 24.05± 1.71s
   44.736 S ±23.0km   80.720 W ±74.2km
   DEPTH =  10.0km  (geophysicist)
 OFF COAST OF SOUTHERN CHILE         (143)

SLA     23.48  37 eP      30 35.40    0.6
TPZ     25.24  27 eP      31 01.50    9.5X
YJA     25.75  34 e(P)    30 55.80   -1.2
ARE     29.24  18 eP      31 28.00   -0.6
CNCB    29.84  25 eP      31 35.00    0.8
LPB     30.06  25 eP      31 37.00    0.9
                LR       43 05.00
ZOBO    30.30  25 Pc      31 37.80   -0.6
                LR       40 01.00
SPA     45.46 180 e(P)    33 44.76    0.0
      S.D. = 1.0  on   7 of   8 obs.

•  JUN  02, 1985  10h 53m 37.82± 0.34s
   56.678 S ± 8.7km   27.138 W ±10.7km
   DEPTH = 180.0km  (geophysicist)
   4.8mb (  4 obs.)
 SOUTH SANDWICH ISLANDS REGION       (153)

SPA     33.50 180 e(P)    00 01.50   -0.1
MAW     39.63 143 eP      00 53.00    0.4
BAO     43.92 330 e(P)    01 28.60    0.3
SOB1    48.56 342 iPd     02 05.20    0.8
         0.5s     17.40nm          4.9mb
ITR     48.61 345 eP      02 04.60   -0.2
         0.3s     24.40nm          5.2mb
                e        02 09.20
LPB     50.53 305 P       02 19.70   -0.3
ZOBO    50.78 306 iPc     02 21.80   -0.2
         0.5s     11.17nm          4.7mb
                pP       03 02.70  182kmX
KRI     58.01  71 iPc     03 13.00   -0.9
MTD     59.08  73 iPc     03 21.00   -0.2
BNG     71.31  49 iPd     04 40.20    0.8
         0.6s     11.00nm          4.8mb
MUN     86.38 149 iPd     06 06.70    0.3
KLB     87.17 151 eP      06 04.00   -0.3
MRWA    88.91 148 iPd     06 13.00    0.4
YKC    136.60 318 ePKP    12 38.00   -0.4
YKA    136.65 317 ePKP    12 38.40   -0.1
MBC    144.57 336 ePKP    12 51.00   -1.3
         0.5s     8.00nm
INK    146.29 320 ePKPc   12 56.40    1.1
```

02d 11h

0.6s 14.00nm
S.D. = 0.6 on 17 of 17 obs.

JUN 02, 1985 12h 02m 30.90± 0.14s
6.485 S ± 3.1km 154.761 E ± 3.8km
DEPTH = 370.2km (6 depth phases)
5.3mb (28 obs.)
SOLOMON ISLANDS (193)
Felt (IV) at Panguna and Arawo.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 30C
Centroid Location:
Origin Time 12:02:34.7 0.3
Lat 6.52S 0.02 Lon 155.02E 0.02
Dep 372.1 1.5 Half-duration 2.8
Moment Tensor; Scale 10**24 D-CM
Mrr=-4.34 0.11 Mtt= 3.01 0.21
Mff= 1.33 0.21 Mrt= 0.85 0.17
Mrf=-3.45 0.18 Mtf=-0.99 0.16
Principal Axes:
T Val= 4.25 Plg=19 Azm= 41
N 1.73 16 137
P -5.98 65 265
Best Double Couple:Mo=5.1*10**24
NP1:Strike=107 Dip=30 Slip=-124
NP2: 324 66 -72

BGA	0.53	51	iPd	03	18.00		-1.2
			eS	03	53.00		
PAA	0.75	76	iPd	03	18.10		-1.5
			eS	03	55.00		
RAB	3.44	311	iPd-	03	38.40		2.2
			iS	04	29.20		
KVG	5.54	314	iPc	04	00.10		2.2
ALOA	5.76	229	iPc	04	05.10		4.8X
HNR	5.91	120	eP	04	01.00		-1.0
LMG	6.98	249	iPc	04	17.70		3.3X
LAT	7.71	268	iPc	04	27.80		5.0X
PMG	8.07	248	iPc+	04	31.10		4.1X
	0.7s	34.25nm				4.6mb	
MOM	8.56	301	iPc	04	36.60		3.8X
MDG	9.02	277	iPc	04	43.50		5.4X
WEW	11.47	284	e(P)	05	11.00		3.6X
CTA	15.84	211	iPd	05	57.90		1.9
	1.0s	291.50nm				5.6mb	
			i	07	24.00		
			i	08	38.00		
KOU	16.76	147	iPc	06	05.50		0.0
PVC	17.32	131	iPd	06	13.00		1.8
RMO	20.70	195	iPd	06	45.40		0.9
	0.9s	242.00nm				5.6mb	
BRS	20.88	185	iPd	06	46.50		0.3
			e	07	50.00		
			e	08	27.50		
			e	08	53.50		
			iS	10	15.00		
			e	12	18.00		
GUA	22.17	334	eP	07	00.00		1.4
			eS	10	34.00		
GUMO	22.23	334	eP	07	00.60		1.5
PJG	22.23	334	eP	07	00.50		1.4
WB2	23.91	234	iPd	07	15.20		0.5
			eS	11	03.80		
MTN	24.13	253	iPc	07	17.20		0.6
CMS	26.24	197	iPd	07	35.20		-0.4
ASPA	26.34	227	iPd	07	36.30		-0.4
	0.3s	357.00nm				6.2mb	
			eS	11	40.00		
AAI	26.60	275	ePd	07	39.00		0.0
KNA	27.09	248	eP	07	43.50		0.2
STK	28.10	204	iPd	07	51.90		-0.2
	0.6s	48.00nm				5.0mb	
YOU	28.28	191	eP	07	53.70		0.0
CAN	29.18	190	eP	08	01.20		-0.4
			e	09	21.50	460kmX	
WAM	30.05	190	eP	08	09.50		0.4
			e	09	07.90	303kmX	
ADE	31.97	205	iPc	08	23.90		-1.9
TOO	32.07	194	eP	08	27.00		0.4
BFD	32.52	198	eP	08	30.00		-0.4
WBN	33.23	231	eP	08	36.50		-0.1
CGP	33.45	296	ePd	08	39.00		0.5
MKS	35.13	270	e(P)	08	53.00		0.4
KRP	36.54	152	P	09	04.50		0.3
			pP	10	18.00	373km	
			ScP	12	47.00		
MBL	36.80	243	eP	09	06.00		-0.6
			e	11	20.00		
TAU	36.87	189	eP	09	08.00		1.2
GNZ	38.31	150	P	09	18.00		-0.7
TCW	38.71	156	P	09	21.50		-0.5
MNG	38.72	154	P	09	20.70		-1.4
PPR	39.36	294	iPd	09	29.50		1.8
	1.0s	496.80nm				5.7mb	
OCP	39.45	302	eP	09	33.60		5.2X
KLG	39.48	228	eP	09	28.50		0.0
	0.3s	85.00nm				5.5mb	
MSZ	39.73	165	P	09	30.70		0.4
MEK	39.85	236	iPc	09	31.70		0.1
KKM	40.43	287	ePd	09	36.90		0.3
	0.8s	208.40nm				5.5mb	
BAG	40.76	304	ePd-	09	39.00		-0.3
			eS	15	22.00		
NAU	41.06	243	iPd	09	42.10		0.7
	0.4s	63.00nm				5.2mb	
TRT	41.81	266	iPc	09	47.00		-0.7
	0.3s	53.50nm				5.3mb	
KLB	42.63	229	iPd	09	53.50		-0.6
	0.4s	100.00nm				5.4mb	
MRWA	42.96	233	eP	09	56.00		-0.7
	0.4s	29.00nm				4.9mb	
BAL	42.99	231	iPd	09	56.30		-0.6
NWAO	43.66	228	eP	10	02.00		-0.2
	0.5s	16.00nm				4.5mb	
KYS	43.69	343	eP	10	02.70		0.4
MUN	43.98	230	iPd	10	04.50		-0.2
	0.5s	39.00nm				4.9mb	
OYM	44.17	342	eP	10	04.70		-1.5
SRY	44.33	342	eP	10	05.80		-1.6
RKG	44.38	227	eP	10	10.30		2.5
TSK	44.64	343	eP	10	09.10		-0.7
DDR	44.72	342	eP	10	09.90		-0.6
SHK	45.82	334	eP	10	17.70		-1.4
OZH	47.06	313	Pc	10	30.00		1.2
			S	16	53.00		
HKC	48.97	307	eP	10	43.00		-0.4
SSE	49.27	321	eP	10	46.00		0.5
			iS	17	22.00		
GZH	50.02	307	Pd	10	53.00		1.6
			eS	17	37.00		
QIZ	51.00	301	P	10	59.60		0.9
			eS	17	40.50		
NJ2	51.38	320	Pd	11	01.00		-0.2
			sP	12	54.00		
			S	17	55.00		
			sS	20	04.50		
			SS	21	37.50		
KGM	52.04	278	ePd	11	05.90		-0.6
	0.8s	89.60nm				5.1mb	
WHN	53.41	316	eP	11	15.00		-1.2
			sP	13	08.00		
PPI	54.56	274	ePd	11	23.70		-1.1
	1.1s	415.50nm				5.7mb	
IPM	54.76	280	ePd	11	25.00		-1.2
	0.9s	180.50nm				5.4mb	
			e	12	23.00	264kmX	
TIA	55.22	323	eP	11	28.60		-0.5
			PcP	12	25.80		
			PP	13	33.10		
			S	18	37.00		
			ScS	20	39.70		
MDJ	55.68	338	Pd	11	31.00		-1.1
			S	18	45.00		
SNG	55.69	283	eP	11	32.50		-0.2
SNY	55.89	332	iPc	11	33.30		-0.3
			S	18	51.00		
			ScS	20	43.50		
PSI	56.49	278	ePc	11	36.50		-1.8
CN2	56.63	335	Pd	11	37.00		-1.8
			PcP	12	28.00		
			sP	13	29.00		
			ScP	15	54.20		
			iS	19	00.00		
			ScS	20	46.00		
MED	56.87	278	e(P)	11	41.00		0.1
			e	13	35.00	595kmX	
GYA	56.96	307	P	11	42.00		0.5
			sP	13	35.00		
			S	19	08.00		
TSI	56.97	278	e(P)	11	41.00		-0.7
LOE	57.51	295	eP	11	44.50		-0.8
NNT	57.88	289	eP	11	48.30		0.5
BJI	58.37	326	eP	11	50.00		-0.8
			ePcP	12	37.50		
			esP	13	43.00		
			eS	19	20.00		
			eScS	21	00.00		
			eSS	23	20.00		
NST	58.40	293	iPd	11	51.60		0.2
TIY	59.05	321	eP	11	55.50		-0.1
			S	19	30.00		
			SS	23	31.50		
XAN	59.18	316	eP	11	55.60		-0.9
			sP	13	50.50		
			eS	19	30.00		
KMI	59.54	304	Pd	12	00.00		0.6
			pP	13	18.50	365km	
			sP	13	56.00		
			S	19	43.00		
KHT	59.56	291	eP	12	00.20		0.9
CHG	60.47	296	iPd-	12	06.00		0.6
	1.0s	125.00nm				5.4mb	
			eS	19	58.00		
CHTO	60.47	296	iPd	12	05.90		0.5
	1.1s	53.00nm				5.0mb	
CD2	61.31	310	eP	12	10.50		-0.3
			esP	13	28.00		
			isP	14	06.50		
			S	20	00.00		
			iScS	21	26.00		
HHC	61.55	324	P	12	12.80		0.5
BTO	62.31	323	P	12	19.00		1.7
			S	20	16.00		
ADK	63.07	19	eP	12	20.00		-1.8
LZH	63.79	316	Pd	12	27.00		0.0
			sP	14	23.00		
			S	20	31.00		
GTA	68.21	317	iPc	12	55.20		0.6
			S	21	26.20		
LSA	70.79	304	P	13	11.00		0.2
SBA	71.61	177	iPd	13	14.20		0.1
	0.8s	20.15nm				4.9mb	
PKI	74.97	301	iPc	13	35.10		0.3
KKN	75.13	301	iPc	13	35.80		0.2
WMQ	78.30	317	P	13	52.50		0.1
TTA	78.63	21	eP	13	53.00		-0.8
KOD	78.74	282	eP	13	56.50		0.9
HYB	78.88	289	ePd	13	55.50		-0.4
	1.0s	100.00nm				5.6mb	
GBA	79.29	285	Pd	13	58.50		0.4
	0.9s	193.60nm				5.9mb	
PME	80.48	24	eP	14	02.00		-1.4
	1.0s	25.00nm				5.0mb	
IMA	81.40	19	eP	14	06.50		-1.8
NDI	82.26	300	eP	14	12.00		-1.3
	1.0s	115.00nm				5.6mb	
			eS	23	54.00		
COL	82.73	21	eP	14	13.00		-1.9
	1.0s	36.50nm				5.1mb	
			e	15	40.00	379km	
FBA	82.73	21	eP	14	12.00		-2.9X
	1.0s	39.00nm				5.2mb	
POO	83.48	289	iPd	14	21.00		1.4
SPA	83.56	180	iPd	14	19.40		0.1
	0.6s	32.11nm				5.3mb	
			e	15	47.50	384kmX	
MAW	84.77	203	eP	14	25.00		-0.1
INK	89.33	21	eP	14	46.00		-0.8
SYP	89.74	55	eP	14	51.00		1.4
PAS	91.18	56	eP	14	58.00		2.0
			e	16	45.00	471kmX	
MWC	91.28	56	eP	14	58.00		1.3
			e	16	46.00	476kmX	
QUE	91.33	300	iPc	14	57.00		-0.1
SBB	91.53	55	eP	15	00.00		2.3
			e	16	26.00	367km	
CLC	91.84	54	eP	15	00.00		0.9
PLM	92.17	57	eP	15	02.00		1.2
			e	16	29.00	371km	
BAR	92.25	58	eP	15	03.00		2.0
GSC	92.43	55	eP	15	03.00		1.1
BMN	92.65	50	eP	15	04.10		1.2
	1.0s	1.75nm				4.0mb	X
TPC	92.92	56	eP	15	06.00		1.9
			e	16	32.00	367km	
EUR	93.51	51	iP	15	08.50		1.5
	1.0s	14.42nm				5.0mb	
NEW	93.54	42	eP	15	06.10		-0.5
	0.8s	1.00nm				4.0mb	X
GLA	93.84	57	eP	15	10.00		1.7

MBC	95.27	14	eP	15	14.00	0.0
YKA	96.00	28	eP	15	18.70	1.3
YKC	96.06	28	eP	15	13.00	-4.7X
KJF	111.28	338	iPKP	20	22.20	0.0
	0.6s		9.10nm			
SUF	112.66	337	iPKP	20	23.80	-1.1
	0.5s		3.50nm			
NUR	114.47	335	iPKP	20	28.00	-0.5
	0.5s		14.00nm			
	Z 20s		0.20um			4.7Msz
			LR	00	30.00	
FRB	114.97	20	ePKP	20	28.00	-1.3
HFS	118.95	339	ePKP	20	35.60	-1.4
	0.3s		3.90nm			
NB2	119.14	341	PKP	20	35.20	-2.3
	0.5s		4.40nm			
MTD	119.26	247	iPKPc	20	39.00	0.0
KRI	121.03	246	iPKPc	20	42.00	-0.5
OTT	121.68	40	ePKP	20	42.00	-0.7
SPC	122.80	326	iPKP	20	46.30	1.3
KDZ	123.17	316	iPKP	20	45.00	-0.7
KSP	123.94	330	ePKP	20	46.50	-0.5
VTS	124.22	318	iPKP	20	47.00	-0.7
SRO	124.63	326	iPKP	20	48.00	-0.4
BRG	125.09	331	ePKP	20	49.00	-0.2
	1.0s		30.00nm			
			e	22	26.10	
			eSg	25	09.50	
ZST	125.09	327	ePKP	20	49.60	0.4
VAY	125.20	317	ePKP	20	47.70	-2.0
CLL	125.25	332	iPKP	20	49.00	-0.5
PRU	125.35	330	ePKP	20	49.30	-0.4
			e	22	26.50	
SKO	125.67	318	iPKP	20	50.00	-0.6
MOX	126.35	332	ePKP	20	53.00	1.3
	1.2s		18.00nm			
KHC	126.38	329	PKPd	20	51.50	-0.3
	1.0s		28.50nm			
			e	22	24.00	
OHR	126.49	317	ePKP	20	51.50	-0.8
WIT	126.96	336	ePKP	20	54.50	1.9
GRF	127.18	331	eFKP	20	53.60	0.3
WTS	127.51	336	ePKP	20	55.00	1.3
	1.1s		15.00nm			
LJU	127.77	326	ePKP	20	51.20	-3.3X
			e	22	31.50	
KBA	127.79	327	iPKPc	20	54.30	-0.4
	1.1s		17.50nm			
VOY	128.13	326	ePKP	20	53.80	-1.5
			e	22	31.30	
EKA	128.19	344	PKPc	20	55.50	0.5
	0.6s		5.00nm			
ENN	128.80	335	ePKP	20	57.50	1.3
	1.0s		22.00nm			
MEM	128.89	335	PKPd	20	57.80	1.4
TPZ	129.11	124	ePKP	21	04.00	5.8X
GWF	129.37	332	ePKP	20	58.40	0.9
WLF	129.53	334	PKPd	20	59.70	2.1X
			e	23	46.00	
DOU	129.87	335	PKP	20	59.40	1.1
			e	23	45.80	
CDF	129.94	332	ePKP	20	57.50	-1.1
	1.0s		8.00nm			
BSF	130.58	332	ePKP	20	58.90	-1.0
	1.2s		46.20nm			
HAU	130.66	332	ePKP	20	58.90	-1.0
	0.8s		10.30nm			
CNCB	131.82	119	PKP	21	04.00	0.3
LPB	131.83	119	ePKP	21	03.00	-0.6
ZOBO	131.92	119	ePKPd	20	54.70	-9.2X
			LR	24	04.00	
LOR	132.34	333	ePKP	21	02.60	-0.5
	1.0s		12.80nm			
LBF	132.50	333	ePKP	21	02.90	-0.6
	1.0s		7.40nm			
SSF	132.65	333	ePKP	21	03.40	-0.3
	1.0s		18.00nm			
GRC	132.66	334	iPKPc	21	04.50	0.8
SMF	132.81	333	ePKP	21	03.60	-0.5
	1.2s		20.80nm			
AVF	132.92	333	ePKP	21	03.70	-0.5
	1.0s		6.20nm			
FLN	132.94	338	ePKP	21	03.80	-0.4
	0.8s		8.00nm			
CVF	133.11	325	ePKP	21	04.10	-0.7
	0.7s		9.10nm			
BGF	133.33	333	ePKP	21	04.60	-0.4
	1.0s		13.40nm			
GRR	133.39	338	ePKP	21	04.90	-0.2
	0.8s		6.10nm			
FRF	133.66	328	ePKP	21	05.10	-0.7
	0.8s		9.50nm			
MZF	133.71	333	ePKP	21	05.60	-0.2
	1.0s		9.20nm			
LPF	133.75	338	ePKP	21	05.70	0.0
	0.9s		27.20nm			
TCF	133.82	334	ePKP	21	05.50	-0.5
	1.1s		21.20nm			
LRG	133.89	328	ePKP	21	05.80	-0.3
	1.0s		22.50nm			
LMR	133.89	328	ePKP	21	05.60	-0.6
	0.8s		12.40nm			
CDR	134.04	329	ePKPc	21	06.70	0.2
			e	23	51.50	
LSF	134.14	334	ePKP	21	06.10	-0.5
	1.0s		7.40nm			
MFF	134.57	336	ePKP	21	07.30	-0.1
	0.8s		6.40nm			
CAF	134.93	333	ePKP	21	08.00	-0.2
LPO	135.51	333	ePKP	21	09.20	0.0
	1.0s		7.40nm			
EPF	137.18	332	ePKP	21	12.20	-0.3
LGR	138.91	334	ePKP	21	17.00	1.4
TOL	141.68	333	ePKP	21	17.00	-3.7X
			ePP	24	25.00	
MAL	144.39	331	iPKPc	21	24.70	-0.6
BAO	148.52	134	PKPc	21	34.10	1.3
			i	21	37.10	
			e	21	38.20	
AVE	148.60	331	iPKP	21	36.50	4.2X
ATB	151.36	109	PKPc	21	36.50	-0.5
SOB1	157.94	135	ePKP	21	41.70	-4.1X
			e	21	47.30	
ITR	159.95	139	ePKP	21	48.90	0.9
	1.1s		8.30nm			
			e	22	29.90	

S.D. = 1.0 on 188 of 205 obs.

& JUN 02, 1985 15h 01m 17.50s
34.390 N 120.100 W
DEPTH = 2.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.4 (PAS).

SYP	0.17	36	iPd	01	21.10	0.2
BLP	0.30	304	iPc	01	23.80	0.3
PHAM	1.46	350	eP	01	41.00	-4.0
WKTM	1.95	44	eP	01	50.00	-2.1
VPEM	2.43	50	eP	01	56.00	-3.1
SDW	2.51	84	eP	01	57.20	-2.9
EUR	6.06	32	eP	02	49.50	-1.1
	0.2s		0.56nm			4.0mb X
	7 obs. associated					

JUN 02, 1985 16h 26m 58.48± 0.21s
37.728 S ± 4.1km 73.653 W ± 4.8km
DEPTH = 33.0km (normal)
5.5mb (20 obs.) 5.5Msz (8 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Ms 5.5 (BRK). Felt (V) at
Concepcion and (IV) at Chillon
and Valdivia.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 33C
Centroid Location:
Origin Time 16:27: 2.1 0.2
Lat 37.83S 0.03 Lon 73.76W 0.04
Dep 32.0 2.2 Half-duration 3.1
Moment Tensor; Scale 10**24 D-CM
Mrr= 4.11 0.12 Mtt= 0.56 0.16
Mff=-4.68 0.18 Mrt=-3.77 0.31
Mrf=-4.65 0.40 Mtf=-0.83 0.16
Principal Axes:
T Val= 7.59 Plg=59 Azm=145
N -0.21 16 27
P -7.38 26 289
Best Double Couple:Mo=7.5*10**24
NP1:Strike=347 Dip=24 Slip= 47
NP2: 212 73 107

LNV	4.18	26	iPc	28	01.20	-0.3
CHCH	4.50	34	iPd	28	06.60	0.4
PCH	4.83	33	eP	28	10.50	-0.3
SAN	4.91	31	iPd	28	11.60	-0.4
BACH	5.07	31	iPc	28	13.70	-0.5
RFA	5.13	56	ePc	28	16.80	1.7
			(S)	29	47.80	
FCH	5.18	33	iPd	28	15.90	-0.1
PEL	5.18	29	iPc	28	15.00	-0.7
ROCH	5.21	25	iPc	28	15.30	-1.1
MDZ	6.23	41	eP	28	34.30	3.7X
RTCV	7.21	37	ePd	28	44.00	-0.3
RTCB	7.40	34	ePc	28	47.20	0.2
ZON	7.40	35	eP	28	47.00	0.0
CFA	7.56	38	e(P)	28	48.60	-0.6
RTLL	7.68	35	ePd	28	49.20	-0.7
VBA	9.24	96	eP	29	12.40	-0.1
TCA	9.82	52	e(P)	29	18.40	-2.1
			S	31	28.00	
CYA	11.36	38	iPd	29	37.00	-4.5X
LPA	12.99	82	eP+	30	03.00	-0.3
ANT	14.25	12	eP	30	20.50	0.6
SLA	14.71	31	ePc	30	24.00	-2.1
			(S)	33	28.00	
TPL	15.86	12	eP	30	46.00	5.2X
TPZ	16.76	16	Pd	31	04.30	11.6X
			i	31	07.80	
YJA	17.02	27	ePc	30	56.00	-0.1
ITB7	20.79	58	Pc	31	39.70	0.4
ITB1	20.96	57	Pc	31	42.10	1.1
ITB	20.98	58	P	31	41.90	0.6
ARE	21.27	6	eP	31	46.00	1.4
CNCB	21.43	15	iP	31	49.00	2.5
			(S)	36	19.00	
LPB	21.67	15	Pc	31	50.40	1.6
ZOBO	21.93	14	iPc	31	53.70	2.2
NNA	25.79	353	eP	32	22.90	-5.3X
	1.2s		53.13nm			5.0mb
			eS	37	20.40	
AAS	26.20	164	eP	32	31.00	-0.6
	Z 19s		14.00um			5.5Msz
			eS	37	15.00	
BAO	31.59	53	eP	33	20.50	0.0
			i	33	22.30	
			e	33	23.80	
ATB	39.50	35	Pd	34	28.50	0.8
GIE	39.88	333	eP	34	38.80	7.9X
	Z 15s		21.14um			6.1MszX
	N 15s		19.53um			
			S	40	41.00	
SOB1	40.96	55	eP	34	40.40	0.6
	0.8s		50.10nm			5.3mb
ITR	42.91	57	iPc	34	55.50	-0.3
	1.1s		68.80nm			5.3mb
			i	34	56.70	
			i	35	01.80	
BMG	44.57	1	eP	35	10.00	0.7
SDV	46.45	4	eP	35	24.00	-0.3
UPA	46.79	352	P-	35	29.00	2.3
	1.2s		78.13nm			5.6mb
	Z 19s		2.47um			5.2Msz
			i	42	22.00	
TOV	47.40	5	eP	35	32.00	0.4
CAR	48.39	9	iP	35	39.20	-0.2
	0.1s		577.78nm			7.6mb X
SPA	52.46	180	iPc	36	08.10	-2.0
	1.0s		85.00nm			5.7mb
SJG	55.99	9	e(P)	36	31.00	-5.1X
	1.0s		35.00nm			5.3mb
	Z 19s		2.78um			5.4Msz
PBJ	57.63	335	eP	36	45.00	-2.7
VHO	58.82	334	iPd	36	56.90	0.6
SBA	59.17	192	iPc	36	56.10	-1.8
	1.0s		30.00nm			5.4mb
OXM	61.79	332	iPd	37	18.00	1.3
SYO	62.87	158	eP	37	26.70	3.7X
PRM	71.90	352	P	38	18.50	-1.6
LTX	72.39	333	P	38	22.00	-1.2
	Z 20s		5.50um			5.8Msz
TKL	73.62	351	P	38	28.00	-2.1
RSCP	73.79	350	eP	38	31.60	0.4
	1.2s		184.83nm			6.0mb
GFM	73.86	353	P	38	30.00	-1.7
BHO	74.40	342	ePc	38	33.60	-1.1
	1.2s		69.80nm			5.5mb
TUL	76.09	342	iPd-	38	43.40	-0.9
	1.2s		181.20nm			5.9mb
	Z 21s		1.16um			5.2Msz
	N 22s		0.62um			
	E 22s		0.66um			

02d 16h

			eS	48	27.50					e	54	34.00					PP	52	17.00				
RLO	76.14	342	eP	38	42.30	-2.3				e	56	25.00		CD2	172.87	162	ePKP	47	06.00	1.1			
OCO	76.16	340	eP	38	45.10	0.4	KHC	115.74	47	PKP	45	39.30	0.6				e	48	26.00				
FVM	76.91	346	eP	38	47.50	-1.4	CLL	116.44	44	ePKP	45	43.00	3.2X				SKKS	59	10.00				
KIC	77.50	72	eP	38	53.30	0.7	Z	19s		2.50um			5.8Msz	GTA	174.61	70	PKP	47	05.50	0.1			
ALO	78.46	333	eP	38	57.00	-0.7	OHR	116.46	57	ePKP	45	41.00	0.7				e	48	41.00				
	1.2s		66.41nm			5.5mb	WB2	116.87	210	ePKP	45	41.50	-0.1				PP	52	34.00				
Z	20s		3.14um			5.6Msz	VAY	117.74	58	ePKP	45	42.00	-0.6				SKKS	59	20.00				
GLA	80.18	326	eP	39	07.00	0.1	NB2	119.85	34	PKP	45	44.60	-1.5				SS	13	53.00				
BAR	80.71	324	eP	39	10.00	0.3		1.1s		5.10nm				HHC	174.89	309	PKP	47	07.00	1.6			
SEK	81.32	119	iPd	39	13.20	-0.2	HFS	120.61	36	ePKP	45	45.40	-2.1	TIY	175.17	272	ePKP	47	05.00	-0.5			
	1.2s		78.13nm			5.6mb		0.8s		2.70nm							e	48	41.50				
PLM	81.36	325	eP	39	14.00	0.7	SUF	127.08	35	iPKP	46	00.00	0.1				PP	52	35.00				
KRP	81.36	228	eP	39	10.00	-3.2X	AAI	134.07	211	e(PKP)	46	14.00	-0.7				SKKS	59	20.50				
TPC	81.62	326	eP	39	15.00	0.6	GUA	138.13	245	e(PKP)	46	24.20	1.9	XAN	175.77	210	ePKP	47	06.80	1.1			
RSNY	81.90	359	eP	39	15.30	-0.2	KOD	142.27	129	iPKPd	46	36.50	6.3X				e	48	45.00				
	1.2s		70.34nm			5.6mb	MHI	142.86	77	iPKPc+	46	26.10	-4.2X	BTO	175.96	316	ePKP	47	06.50	0.9			
RMU	82.63	331	eP	39	17.90	1.3				e	49	41.00		LZH	177.41	128	PKP	47	06.00	-0.1			
KSR	82.32	117	iPd	39	19.50	0.9				eS	59	16.00					PP	52	40.00				
	1.0s		57.00nm			5.6mb	KGM	144.35	175	ePKPd	46	30.00	-3.3X				SKKS	59	32.00				
GOL	82.37	336	eP	39	18.70	0.2	PSI	144.48	167	iPKP	46	30.50	-3.0X		S.D. = 1.1			on 133 of 163 obs.					
SDW	82.50	325	P	39	19.00	-0.1		0.8s		184.70nm													
PAS	82.62	324	eP	39	24.00	4.4X	GBA	144.81	125	PKPd	46	32.30	-1.7	? JUN 02, 1985 16h 44m 07.95± 7.34s									
MWC	82.63	324	eP	39	20.00	0.1		0.8s		178.90nm				37.027 S ±85.9km 73.563 W ±32.0km									
MIM	82.70	3	eP	39	20.60	1.0	TSI	145.20	166	ePKPc	46	34.40	-0.3	DEPTH = 33.0km (normal)									
OTT	82.76	359	eP	39	23.50	3.6X		1.0s		499.20nm				NEAR COAST OF CENTRAL CHILE (135)									
MNT	82.85	0	eP	39	24.50	4.1X	MED	145.27	166	ePKPc	46	34.40	-0.5										
SBB	82.91	325	eP	39	21.00	-0.1		1.0s		9.00nm				LNV	3.53	30	iPc	45	02.50	0.7			
GSC	82.96	326	eP	39	22.00	0.6				e	49	05.00		CHCH	3.89	38	iP	45	07.00	0.0			
SLR	83.38	117	eP+	39	22.00	-2.0	POO	145.79	115	iPKPd	46	36.50	0.8	PCH	4.21	37	eP	45	11.50	-0.1			
CLC	83.74	325	eP	39	25.00	-0.3	IPM	146.65	170	ePKPd	46	36.80	-0.4	SAN	4.28	35	iPd	45	12.40	-0.1			
SYP	83.78	323	eP	39	30.00	4.3X		0.8s		38.50nm				BACH	4.45	35	iP	45	15.00	0.1			
VPEM	83.95	325	P	39	26.70	0.2	KKM	147.21	198	ePKPd	46	39.20	1.0	PEL	4.54	32	iP	45	16.20	0.0			
BLP	84.01	323	P	39	27.00	0.4	HYB	148.32	122	ePKP	46	39.00	-0.7	ROCH	4.56	28	iPc	45	16.00	-0.6			
ISA	84.01	325	eP	39	28.00	1.3	SNG	149.15	169	ePKP	46	44.00	2.9	FCH	4.56	37	iP	45	16.70	-0.1			
DAU	85.06	332	P	39	31.50	-0.7	PPR	150.02	205	ePKPc	46	41.00	-1.4	CNCB	20.74	15	iP	48	50.20	1.3			
RSSD	85.39	339	eP	39	35.50	-1.1	QCP	153.55	214	ePKP	47	00.00	12.5X	LPB	20.98	15	eP	48	51.00	-0.3			
	1.0s		31.00nm			5.5mb	NDI	154.09	102	ePKP	46	54.00	6.1X	ZOBO	21.23	15	Pc	48	53.00	-1.0			
EUR	86.11	329	iP	39	37.50	0.2	NNT	154.28	165	ePKP	46	54.10	5.6X		S.D. = 0.7			on 11 of 11 obs.					
	0.5s		6.65nm			5.1mb	BAG	155.33	214	ePKP	46	49.00	-1.1										
MNA	86.16	327	eP	39	37.90	0.4	CHG	160.08	159	ePKP	46	56.50	0.9	* JUN 02, 1985 16h 47m 42.95± 1.39s									
BDW	86.53	334	P	39	37.50	-1.8	CHTO	160.08	159	e(PKP)	46	54.80	-0.7	37.115 N ± 8.0km 7.490 W ±19.5km									
	1.0s		31.50nm			5.5mb		1.7s		11.43nm				DEPTH = 10.0km (geophysicist)									
JAS1	86 76	325	eP	39	41.70	1.4	QIZ	161.12	190	PKP	46	57.00	0.4	PORTUGAL (376)									
LHC	86.88	350	eP	39	39.00	-1.6				e	47	39.00											
BMW	87.43	328	eP	39	42.70	-0.9				PP	51	13.00		MAL	2.50	98	ePn	48	24.00	-0.2			
	1.0s		5.00nm			4.7mb	ANP	162.03	230	ePKP	46	58.00	0.6				iSg	48	48.70				
BKS	87.56	324	eP	39	48.00	3.9X	SHL	162.75	130	iPKP	47	00.00	1.7	AVE	3.81	179	ePn	48	43.00	0.1			
Z	20s		1.80um			5.5Msz	HKC	163.21	206	ePKP	47	04.00	5.4X				iSn	49	20.50				
N	20s		1.40um				QZH	163.53	223	ePKP	46	58.00	-0.8	EPF	8.42	43	Pn	49	48.10	0.2			
E	20s		1.40um							e	47	50.00					Sn	51	16.00				
			e	50	20.00					PP	51	37.00		MLS	8.79	46	eP	49	54.00	1.0			
			e	56	06.00		GZH	164.22	204	PKP	47	00.00	0.5	LFF	9.98	36	Pn	50	09.70	0.4			
			e	00	06.00		CN2	164.32	299	iPKP	46	55.50	-3.5X	LPO	10.01	38	Pn	50	10.20	0.4			
			eLR	08	48.00					e	47	48.00		RJF	10.62	37	Pn	50	17.60	-0.6			
ORV	88.57	325	eP	39	50.00	1.1				ePP	51	35.00		CAF	10.62	40	P	50	17.60	-0.6			
GAS	89.21	324	P	39	52.50	0.4				SKKS	58	22.20		BGF	12.17	36	Pn	50	38.50	-0.7			
LSZ	89.86	109	iP	39	57.00	1.2	WMQ	164.63	61	PKP	47	03.50	4.1X		S.D. = 0.7			on 9 of 9 obs.					
			i	40	04.20					e	47	58.50											
			i	43	29.70					PP	51	43.00		JUN 02, 1985 17h 03m 15.07± 0.21s									
KRI	89.94	111	eP	39	58.00	1.8	SSE	166.09	246	PKP	47	02.00	1.1	52.395 N ± 4.6km 160.508 E ± 3.7km									
LRM	90.20	334	eP	39	56.60	-0.2				e	48	02.00		DEPTH = 38.1km (34 depth phases)									
MTD	91.42	112	eP	40	04.00	1.1	SNY	166.13	293	PKP	47	00.00	-0.6	5.2mb (57 obs.) 5.3Msz (4 obs.)									
SES	93.72	337	eP	40	15.00	2.4				e	48	00.00		OFF EAST COAST OF KAMCHATKA (219)									
NEW	93.94	333	eP	40	13.00	-0.7				PP	51	48.00		Felt (IV) at Petropavlovsk-									
BNG	94.42	88	iPc	40	17.60	0.9				SKKS	58	32.00		Kamchatskiy.									
	0.7s		15.00nm			5.5mb				SS	12	22.00		CENTROID, MOMENT TENSOR (HRV)									
			id	40	49.00		KMI	167.06	165	ePKP	47	01.50	-0.7	Data Used: GDSN									
			id	44	30.20					pPKP	47	09.00		L.P.B.: 10S, 22C									
FFC	95.25	344	eP	40	19.00	-0.4				e	48	04.00		Centroid Location:									
	1.2s		12.00nm			5.2mb				PP	51	51.00		Origin Time 17:03:14.7 1.2									
EDM	96.89	337	ePc	40	28.00	1.0				SKKS	58	36.00		Lat 52.15N 0.08 Lon 161.52E 0.18									
MAL	97.88	49	eP	40	32.00	0.3	NJ2	168.28	245	PKPd	47	02.00	-0.4	Dep 43.5 6.7 Half-duration 2.0									
			iPP	44	32.00					PP	52	00.00		Moment Tensor; Scale 10**24 D-CM									
			ePPP	47	14.00		GYA	168.76	181	PKP	47	03.00	-0.1	Mrr= 1.50 0.11 Mtt=-0.22 0.15									
			iS	52	04.00					e	48	14.00		Mff=-1.28 0.16 Mrt= 0.60 0.19									
TOL	100.17	47	ePdiff	40	46.00	3.7X				PP	51	58.00		Mrf= 0.13 0.21 Mtf=-0.95 0.13									
			ePP	44	48.00					SKKS	59	32.00		Principal Axes:									
			ePPP	47	05.00		WHN	170.24	225	PKP	47	04.00	0.4	T Val= 1.70 Plg=71 Azm= 11									
			eSKS	51	22.00					e	48	19.00		N 0.19 18 214									
			eS	52	20.00					PP	52	07.00		P -1.89 7 122									
			ePS	53	48.00		TIA	171.24	263	ePKP	47	01.90	-2.1	Best Double Couple:Mo=1.8*10**24									
			iSS	59	20.00					PP	52	13.00		NP1:Strike=192 Dip=41 Slip= 62									
ALI	101.30	50	ePdiff	40	50.50	3.2X				PPP	56	24.00		NP2: 47 55 112									
			ePP	44	50.50					SKKS	59	00.00											
NAI	105.28	104	ePdiff	41	16.00	10.2X				eSS	13	10.00		SMY	8.29	82	eP	05	11.40	-4.3X			
MOX	115.36	45	ePKP	45	41.00	3.2X	8JI	171.99	290	ePKP	47	06.50	2.4X				eLg	06	39.00				

ADK	14.01	83	eP	06	29.20	-3.7X				i	13	17.20	39km				i	14	54.30	30km
TSK	21.67	230	eP	08	03.10	-1.1	SBB	58.61	73	eP	13	10.00	-0.5	TAB	73.32	311	eP	14	45.00	0.5
MDJ	21.78	261	Pd	08	03.00	-2.2	GSC	58.77	72	eP	13	12.00	0.4	POO	73.53	279	iPc	14	46.00	0.2
			sP	08	16.00		PAS	58.79	73	eP	13	12.00	0.4	WTS	73.65	343	iPc	14	46.70	0.7
DDR	22.28	231	eP	08	09.90	-0.4	MWC	58.80	73	eP	13	11.00	-1.0				e	14	58.00	37km
KYS	22.49	228	eP	08	17.80	5.6X	RSSD	59.58	56	eP	13	16.20	-1.1				e	15	42.00	
SRY	22.56	230	eP	08	14.40	1.5		1.0s	21.50nm			5.2mb		DBN	73.83	344	eP	14	46.00	-1.0
OYM	22.72	230	eP	08	15.20	0.6	KKN	59.67	277	eP	13	17.00	-1.1		Z 21s		1.20um			5.2Msz
CN2	24.74	264	Pc	08	31.40	-2.6	SUF	59.74	338	iPc	13	17.20	-0.6	JOS	73.86	334	eP	14	47.30	0.0
			pP	08	40.00	31km		0.6s	43.80nm			5.8mb		PRU	73.99	338	Pc	14	48.40	0.4
			PP	09	10.00		PKI	59.75	277	eP	13	17.80	-1.0		2.3s		108.30nm			5.4mb
			PPP	09	21.00			0.7s	30.00nm			5.5mb			Z 14s		4.30um			5.9MszX
			S	12	53.00		DMN	59.91	277	eP	13	19.10	-0.7		N 17s		2.40um			
TTA	25.03	48	eP	08	38.20	1.5		0.8s	63.00nm			5.8mb			E 15s		2.50um			
IMA	26.40	41	eP	08	49.00	-0.5	LAT	59.94	196	e(P)	13	21.00	1.4				i	15	00.00	39km
SHK	26.71	239	iPc	08	52.50	0.0	TPC	60.06	72	eP	13	20.00	-0.5	MOX	74.02	340	eP	14	48.00	-0.2
SNY	26.98	262	Pc	08	54.50	-0.4	PLM	60.12	73	eP	13	32.00	11.0X		2.5s		179.00nm			5.6mb
COL	28.75	44	eP	09	10.00	-0.6	KHT	61.35	257	eP	13	30.80	1.5				epP	15	00.00	40km
	Z 17s		4.42um			5.1MszX	GLA	61.52	72	eP	13	31.00	0.6				e	15	20.00	
FBA	28.75	44	eP	09	09.80	-0.8	NUR	62.02	337	iPc	13	32.60	-0.7				eS	24	25.00	
BJI	32.55	266	eP	09	42.00	-2.4		0.8s	63.20nm			5.8mb					eP'P'	45	09.00	
INK	34.28	37	eP	09	58.00	-1.1	AAI	62.20	217	e(P)	13	44.50	9.5X	HOF	74.28	340	iPc	14	50.00	0.3
	0.5s	13.00nm				5.1mb	NNT	62.40	254	eP	13	36.80	0.4	MLR	74.98	329	eP	14	56.00	2.1
TIA	34.41	259	eP	09	58.90	-1.8	NDI	63.88	284	iP	13	44.00	-2.0	ENN	74.99	344	ePc	14	54.50	0.8
HHC	34.89	271	eP	10	03.50	-1.4	UPP	64.18	340	iP	13	47.40	-0.1		1.5s		107.00nm			5.6mb
BTO	35.99	271	eP	10	13.60	-0.6				i	13	59.50	41km				e	15	05.50	36km
NJ2	36.28	253	Pc	10	16.00	-0.5	NB2	64.28	344	P	13	45.90	-2.4	GRF	75.00	340	iPc	14	54.80	0.9
			pP	10	28.00	44km		0.7s	24.20nm			5.4mb					e	15	06.20	38km
TIY	36.29	266	eP	10	14.50	-2.1	HFS	64.69	342	eP	13	49.50	-1.4	KHC	75.02	338	iPc	14	54.80	0.8
MBC	37.59	23	eP	10	22.00	-5.0X		0.6s	11.70nm			5.1mb			Z 13s		2.50um			5.7MszX
	0.9s	47.00nm				5.4mb		Z 14s	2.79um			5.6MszX			N 13s		1.40um			
WHN	40.02	255	eP	10	48.00	0.2				LR	30	25.00			E 14s		0.80um			
			pP	10	58.00	34km	ALQ	64.92	65	eP	13	51.80	-1.2				i	15	06.00	37km
XAN	40.85	264	eP	10	53.00	-1.6		1.0s	7.50nm			4.7mb		ZST	75.04	336	iP	14	53.70	-0.4
LZH	42.59	271	Pc	11	08.50	-0.6	SCH	66.18	28	eP	14	00.00	-0.5				i	15	06.80	45km
GTA	42.94	277	iPd	11	11.00	-0.8	SNG	66.23	250	eP	14	04.00	2.8	TNS	75.05	342	eP	14	54.60	4
YKA	43.51	42	eP	11	17.20	1.2	MKS	67.11	225	e(P)	14	08.00	1.2	SRO	75.08	335	iP	14	55.40	1 1
YKC	43.57	42	eP	11	16.00	-0.5	IPM	68.11	248	ePd	14	13.60	0.4				i	15	06.70	37km
	1.2s	35.00nm				5.0mb	MHI	68.21	301	eP	14	14.00	0.3	MEM	75.13	344	Pc	14	55.00	0.5
ALE	43.59	7	eP	11	16.00	-0.5				e	16	43.00					e	15	06.80	39km
	0.5s	13.00nm				4.9mb	QUE	68.75	292	eP	14	16.50	-0.7	GBA	75.13	273	Pc	14	54.30	-0.8
CD2	46.16	265	eP	11	37.10	-0.5	KGM	68.93	244	ePd	14	19.00	0.8		1.6s	179.60nm				5.8mb
GZH	46.23	249	eP	11	38.50	0.4	MUD	68.97	343	eP	14	18.00	0.1	WET	75.18	339	iPc	14	55.60	0.8
			pP	11	50.00	41km	COP	69.10	341	iP+	14	19.00	0.3	VKA	75.17	336	iPc	14	54.80	-0.1
			eS	18	25.00			0.8s	56.72nm			5.6mb			2.5s	280.00nm				5.8mb
HKC	46.37	248	e(P)	11	40.00	0.8		Z 21s	1.97um			5.3Msz					i	15	06.20	38km
WMQ	47.44	290	P	11	46.60	-1.1				iS	23	36.00		BUD	75.20	334	e(P)c	14	54.00	-1.0
GYA	47.60	259	P	11	49.00	-0.1	OCO	69.33	59	e(P)	14	13.20	-7.3X	UCC	75.22	345	P	14	53.60	-1.5
BAG	47.71	236	eP	11	49.00	-1.1	TUL	69.90	57	eP	14	23.00	-0.9				e	15	07.00	46km
EDM	48.99	53	eP	11	58.50	-1.0		0.8s	26.20nm			5.3mb		WB2	75.55	205	eP	14	57.30	0.0
	0.8s	44.00nm				5.5mb	RLO	70.10	56	eP	14	23.50	-1.6	SOP	75.65	336	eP	14	58.90	1.3
NEW	50.04	60	eP	12	07.00	-0.6	MED	70.28	249	ePc	14	29.90	3.4X	VAL	75.75	354	iP	15	09.00	11.0X
KMI	50.96	261	Pc	12	14.00	-1.0				e	15	54.00	378kmX				iS	23	06.00	
			pP	12	25.00	38km	KHI	70.31	300	eP	14	26.50	-0.2	PSN	75.85	326	iPd	15	01.00	2.3
			S	19	17.00		TSI	70.39	249	ePc	14	29.90	2.8	DOU	75.86	344	Pc	15	00.20	1.5
DAG	51.11	360	iPd	12	13.90	-1.3	EDU	70.58	350	eP	14	27.00	-0.7				e	15	13.10	44km
	0.8s	24.63nm				5.2mb	LTX	70.68	67	P	14	28.00	-0.9	BUC	75.89	328	eP	15	00.00	1.1
OIZ	51.42	249	iPc	12	20.00	1.7	PSI	70.84	248	eP	14	34.50	4.6X	KMR	75.90	337	iP+	14	59.40	0.4
			pP	12	32.00	43km	EAB	71.06	351	ePc	14	30.00	-0.6	KER	75.97	308	eP	14	59.00	-0.8
SES	51.85	54	eP	12	19.00	-2.3		1.5s	56.00nm			5.4mb		WLF	76.01	343	Pc	14	59.80	0.3
GAS	52.37	72	P	12	26.50	1.0	OTT	71.30	38	eP	14	43.00	10.8X				e	15	11.60	39km
KEV	53.56	342	iP	12	32.00	-1.7	EAU	71.32	351	eP	14	31.80	-0.4	MSL	76.15	312	ePd	15	01.00	0.4
	0.6s	35.20nm				5.5mb	HYB	71.52	275	ePc	14	33.00	-1.0				iPcP	15	12.00	
			i	12	43.80	41km	BHO	71.57	58	eP	14	34.00	0.0				eS	24	49.00	
LRM	54.05	60	eP	12	37.80	-0.2		0.8s	1.00nm			3.9mb X		CLO	76.32	331	eP	15	00.00	-1.4
LSA	54.73	274	eP	12	43.00	-0.4	EKA	71.79	350	Pc	14	33.40	-1.6	GWF	76.40	342	iPc	15	01.80	0.0
JAS1	54.86	72	P	12	44.50	0.8		1.3s	23.80nm			5.0mb		BUH	76.58	342	eP	15	03.30	0.5
BMN	55.01	67	eP	12	44.50	-0.5	ESK	71.81	350	eP	14	34.00	-1.1	KBA	77.00	338	iPc	15	06.40	1.0
	1.0s	6.50nm				4.6mb	MNT	71.98	37	eP	14	35.00	-1.3		1.4s	334.00nm				6.2mb
HPI	55.10	62	P	12	45.00	-0.8	TRT	72.41	230	iPc	14	39.00	-0.2				i	15	17.70	37km
SOD	55.65	340	iP	12	47.80	-1.2	PPI	72.60	245	e(P)	14	41.50	1.2				i	15	22.30	
GDH	56.12	14	ePd	12	52.00	-0.4				e	17	00.00	700kmX				i	15	27.50	
	Z 20s	2.66um				5.3Msz	KSP	72.79	337	eP	14	40.00	-1.0	CDF	77.01	342	iPc	15	05.60	0.3
EUR	56.36	67	iP	12	55.10	0.3	WIT	72.89	344	eP	14	43.50	2.0		1.2s	32.10nm				5.2mb
	0.2s	19.54nm				5.8mb				e	14	54.50	36km	SHI	77.04	302	eP	15	06.00	0.1
SHL	57.26	270	iP	13	00.00	-1.2	CLL	73.10	339	iPc	14	42.40	-0.4	PVL	77.32	328	iPc	15	06.00	-0.9
LOE	57.44	256	eP	13	01.00	-1.3		2.0s	90.00nm			5.4mb		SLE	77.39	341	eP+	15	07.30	-0.1
BDW	57.63	61	P	13	02.00	-1.8				i	14	53.70	37km	JMB	77.47	327	iP	15	08.00	0.2
	1.0s	24.00nm				5.2mb				iS	24	10.80		HAU	77.57	343	iPc	15	08.60	0.3
VPEM	57.73	72	P	13	04.00	-0.4	CTA	73.24	194	iPc	14	45.70	1.8		1.0s	15.30nm				5.0mb
CLC	57.95	72	eP	13	00.00	-5.9X	BRG	73.30	339	eP	14	43.50	-0.5	BSF	77.66	342	iPc	15	09.10	0.2
CHTO	58.01	259	iPc	13	06.90	0.6		2.0s	65.00nm			5.3mb			1.0s	20.00nm				5.1mb
	1.5s	161.60nm				5.9mb				i	14	55.10	39km	ZUL	77.69	341	eP+	15	09.40	0.4
			pP	13	17.70	36km				e	17	17.50		SAX	77.71	340	eP+	15	10.00	0.6
FRB	58.05	23	eP	13	04.00	-2.0				e	20	24.00		KOD	77.73	271	eP	15	10.00	0.0
KJF	58.10	338	iP	13	05.80	-0.6				e	23	54.00		VOY	77.85	337	e(P)	15	09.30	-0.7
	0.8s	90.90nm				5.9mb	SPC	73.31	334	eP	14	44.90	0.6	FLN	77.93	347	eP	15	10.30	0.1

02d 17h

0.8s 11.80nm 5.0mb
LDF 78 04 347 eP 15 11.00 0.1
1.2s 14.20nm 4.9mb
OSS 78.08 340 eP+ 15 12.10 0.8
BHD 78.14 310 iP 15 12.00 0.4
i 15 23.00 36km
LLS 78.15 340 eP+ 15 12.50 0.8
DIM 78.17 327 iP 15 12.00 0.4
TPI 78.19 337 e(PKP) 15 11.00 -0.7
GRR 78.35 347 eP 15 13.00 0.5
0.9s 25.10nm 5.2mb
PLD 78.41 328 eP 15 13.00 0.1
VTS 78.44 329 iPc 15 13.00 -0.1
KDZ 78.61 327 iPc 15 16.00 1.9
LPF 78.72 347 eP 15 15.20 0.6
0.9s 10.30nm 4.8mb
LOR 78.73 344 iPc 15 15.00 0.3
1.0s 26.00nm 5.2mb
KCT 78.82 325 iP 15 15.50 0.2
EDC 78.91 325 iP 15 15.80 0.1
LBF 78.98 344 eP 15 16.30 0.2
1.6s 9.20nm 4.7mb
SSF 78.99 344 iPc 15 16.50 0.4
0.9s 14.70nm 5.0mb
MMK 79.14 341 eP+ 15 18.30 1.1
MMB 79.19 328 iPc 15 18.00 0.7
DIX 79.22 341 eP+ 15 18.80 1.1
ASPA 79.23 205 eP 15 18.00 0.4
AVF 79.27 344 iPc 15 18.20 0.6
1.0s 34.10nm 5.3mb
DST 79.30 324 iP 15 17.80 -0.1
EMS 79.33 342 eP+ 15 19.00 0.8
SMF 79.33 344 iPc 15 18.60 0.6
1.2s 32.70nm 5.2mb
SKO 79.56 330 eP 15 19.40 0.2
Z 19s 4.30um 5.8Msz
N 17s 3.40um
E 19s 3.20um
i 15 30.00 34km
BGF 79.58 345 eP 15 20.00 0.7
0.9s 10.00nm 4.8mb
SRS 79.66 328 ePd 15 20.30 0.5
BRS 79.73 187 eP 15 40.00 19.8X
VAY 79.80 329 iPc 15 21.20 0.7
KNT 79.84 329 ePc 15 21.40 0.7
EZN 79.91 326 eP 15 21.10 0.0
TCF 79.95 345 eP 15 21.90 0.6
0.8s 7.40nm 4.7mb
MFF 80.00 347 eP 15 22.60 1.1
1.0s 13.60nm 4.9mb
LSF 80.09 345 eP 15 22.80 0.8
0.8s 15.40nm 5.0mb
RTB 80.17 313 iPd 15 24.00 1.4
iPcP 15 34.00
eS 25 31.00
GRG 80.18 329 eP 15 22.30 -0.3
OUR 80.24 328 eP 15 22.70 -0.1
OHR 80 54 330 eP 15 24.50 0.0
e 15 34.30 31km
FIR 80.60 338 eP 15 23.00 -1.7
PAIG 80.71 328 eP 15 25.10 -0.2
IZM 80.86 325 iP 15 24.90 -1.3
LIT 80.93 329 ePc 15 25.60 -1.0
RJF 81.02 345 eP 15 28.20 1.3
1.2s 26.10nm 5.1mb
CAF 81.30 345 eP 15 30.00 1.5
1.0s 32.00nm 5.3mb
LFF 81.50 346 eP 15 31.00 1.6
1.0s 20.00nm 5.1mb
BHL 81.52 316 PKPc 15 30.00 0.1
CSS 81.57 319 eP 15 30.00 0.0
YER 81.61 323 iP 15 30.60 0.4
LPO 81.67 345 eP 15 31.80 1.4
1.0s 33.60nm 5.3mb
FRF 81.79 341 eP 15 32.00 1.0
1.0s 12.50nm 4.9mb
CDR 81.86 342 iPc 15 32.70 1.4
ipP 15 43.60 35km
i 15 55.00
e 16 08.20
LRG 81.95 341 eP 15 32.90 1.1
1.0s 26.60nm 5.2mb
LMR 82.04 341 eP 15 33.10 0.8
1.2s 38.50nm 5.3mb
CVF 82.29 339 eP 15 34.40 0.8
1.0s 10.00nm 4.8mb
MGI 82.86 316 eP 15 38.00 1.2

MLS 83.37 345 ePc 15 40.50 1.3
e 15 52.00 37km
EPF 83.42 345 eP 15 40.50 1.0
1.1s 42.40nm 5.5mb
JER 83.55 316 eP 15 38.00 -2.4
LGR 84.39 347 iPc 15 46.00 1.6
i 15 58.00 39km
PRNI 84.86 315 eP 15 48.50 1.6
TOL 87.12 348 eP 16 00.00 2.0
TPZ 131.32 70 ePdiff 19 13.00 -4.3X
SOB1 133.54 30 ePKP 22 40.00 10.9X
e 22 45.80
ITR 133.83 26 ePKP 22 37.50 7.8X
e 23 01.20
SPA 142.21 180 ePKP 22 51.10 7.4X
1.0s 6.00nm
e 24 14.00
S.D. = 1.0 on 211 of 228 obs.

• JUN 02, 1985 17h 15m 03.85± 0.91s
37.769 S ± 9.9km 73.603 W ±11.9km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
NEAR COAST OF CENTRAL CHILE (135)

LNV 4.20 26 iPd 16 07.10 -0.1
CHCH 4.52 33 iP 16 12.10 0.3
PCH 4.84 32 iP 16 16.50 0.1
SAN 4.93 30 iP 16 17.50 -0.1
BACH 5.08 31 iPd 16 19.60 -0.2
FCH 5.19 32 eP 16 21.50 -0.1
PEL 5.19 28 iP 16 21.20 -0.1
ROCH 5.23 25 iPd 16 21.20 -0.9
VBA 9.20 95 eP 17 17.20 0.0
TCA 9.81 52 ePd 17 24.90 -0.9
YJA 17.04 26 ePc 19 02.00 0.3
ARE 21.31 6 eP 19 51.00 0.7
CNCB 21.46 15 P 19 54.50 2.3
LPB 21.70 14 eP 19 53.00 -1.5
ZOBO 21.96 14 Pc 19 59.20 2.1
SJG 56.02 9 iPd 24 39.60 -2.1
BHO 74.46 342 eP 26 39.70 -0.7
1.3s 6.50nm 4.5mb
KIC 77.47 72 eP 26 59.10 1.2
ALQ 78.51 333 eP 27 03.00 -0.4
1.0s 5.00nm 4.5mb
PSI 144.43 167 e(PKP) 34 36.50 -2.3X
GBA 144.76 125 PKP 34 38.10 -1.2
QUE 146.62 91 ePKP 34 43.50 1.2
S.D. = 1.1 on 21 of 22 obs.

• JUN 02, 1985 17h 36m 25.52± 0.89s
43.822 N ± 3.8km 85.695 E ± 3.5km
DEPTH = 44.7 ± 9.0 km
4.9mb (37 obs.) 4.2Msz (1 obs.)
NORTHERN XINJIANG, CHINA (332)

WMQ 1.45 89 iPgd 36 51.30 1.6
Sg 37 11.00
KSH 8.48 242 eP 38 36.00 7.2X
GTA 11.45 108 P 39 06.60 -2.8
S 41 12.40
LSA 14.75 161 P 39 54.60 1.2
LZH 15.90 113 eP 40 08.50 0.7
KKN 16.00 181 eP 40 08.00 -1.3
DMN 16.19 182 eP 40 10.30 -1.3
0.5s 25.00nm 4.6mb
PKI 16.22 181 eP 40 13.00 0.9
NDI 16.57 207 eP 40 12.00 -4.2X
0.7s 17.12nm 4.3mb
eS 43 11.00
CD2 13.24 126 eP 40 49.00 0.0
HHC 19.33 90 eP 40 50.00 0.0
QUE 20.17 234 eP 40 59.00 0.0
XAN 20.48 111 P 41 00.60 -1.5
TIY 21.10 98 P 41 07.80 -0.6
MHI 21.36 258 iPc 41 11.00 0.0
KHI 23.06 254 eP 41 29.40 1.4
KMI 23.27 138 eP 41 31.50 1.3
GYA 24.26 129 Pd 41 40.80 1.1
WHN 26.25 111 P 41 58.00 -0.2
CHG 27.31 152 eP 42 08.50 0.5
CHTO 27.31 152 eP 42 08.20 0.3
1.2s 16.67nm 4.5mb
Z 18s 0.60um 4.2Msz
GBA 30.94 196 Pc 42 39.20 -1.2
1.0s 13.80nm 4.7mb

QIZ 31.96 133 eP 42 48.60 -0.7
KJF 37.97 323 iP 43 40.80 0.6
0.5s 16.80nm 5.2mb
i 43 56.00
SUF 38.61 320 iP 43 46.00 0.4
0.4s 6.60nm 4.8mb
KEV 38.94 332 eP 43 48.00 -0.3
NUR 39.38 317 eP 43 52.00 0.0
IPM 41.36 156 ePc 44 08.90 0.1
UPP 42.94 317 iP 44 21.50 0.3
KGM 44.48 154 ePc 44 34.50 0.3
HFS 44.82 318 eP 44 36.40 -0.1
0.3s 4.50nm 4.8mb
VAY 45.55 290 iP 44 43.40 0.9
NB2 45.81 319 P 44 43.00 -1.4
0.6s 5.80nm 4.7mb
KSP 45.97 304 eP 44 46.00 0.3
SKO 46.04 291 eP 44 47.00 0.7
PRU 47.32 304 eP 44 57.00 0.6
CLL 47.75 306 iPc 45 00.00 0.3
0.7s 12.00nm 5.0mb
e 46 58.00
KHC 48.22 303 P 45 04.00 0.5
MOX 48.82 306 eP 45 09.00 1.0
KBA 49.18 301 eP 45 09.50 -1.5
0.4s 5.70nm 5.0mb
i 45 11.30
GRF 49.42 305 eP 45 14.00 1.4
DAG 50.97 343 iPc 45 23.50 -0.5
0.3s 14.29nm 5.5mb
i 45 31.00
OSS 51.33 301 eP 45 27.60 0.1
SLE 51.87 303 eP 45 32.10 0.8
LLS 51.96 302 eP 45 31.90 -0.4
ZUL 52.06 303 eP 45 32.60 -0.2
MEM 52.10 307 P 45 34.10 1.2
CDF 52.31 304 eP 45 34.60 -0.2
BSF 52.86 304 eP 45 38.70 -0.2
MMK 52.97 302 eP 45 39.60 -0.2
HAU 53.05 304 eP 45 40.20 0.0
DOU 53.13 307 P 45 41.20 0.5
DIX 53.29 302 eP 45 42.40 0.1
EMS 53.59 302 eP 45 44.30 -0.1
CVF 54.06 297 eP 45 47.80 0.2
0.6s 4.50nm 4.7mb
EDU 54.30 317 ePc 45 48.90 -0.3
ESY 54.39 316 ePc 45 49.30 -0.5
EBL 54.67 316 ePc 45 51.70 -0.2
1.2s 60.00nm 5.5mb
LOR 54.88 304 eP 45 52.80 -0.8
0.5s 3.20nm 4.6mb
EKA 54.93 316 Pc 45 53.40 -0.4
0.6s 8.70nm 5.0mb
LBF 54.95 304 eP 45 53.80 -0.3
FRF 54.99 299 eP 45 54.20 -0.2
0.6s 3.70nm 4.6mb
LMR 55.19 299 eP 45 55.50 -0.3
0.6s 4.00nm 4.6mb
SSF 55.19 304 eP 45 55.30 -0.6
0.5s 3.20nm 4.6mb
SMF 55.20 304 eP 45 55.40 -0.5
0.6s 9.00nm 5.0mb
LRG 55.22 299 eP 45 56.00 0.0
0.6s 5.60nm 4.8mb
AVF 55.42 304 eP 45 57.10 -0.3
0.7s 8.00nm 4.9mb
CDR 55.48 300 eP 45 58.60 0.6
BGF 55.84 304 eP 46 00.00 -0.5
0.7s 8.40nm 4.9mb
TCF 56.35 304 eP 46 04.00 -0.2
0.6s 14.50nm 5.2mb
LDF 56.56 307 eP 46 05.20 -0.5
0.5s 7.20nm 5.0mb
FLN 56.68 308 eP 46 05.90 -0.6
0.6s 12.60nm 5.1mb
LSF 56.78 304 eP 46 06.50 -0.8
0.6s 7.50nm 4.9mb
GRR 57.09 308 eP 46 09.10 -0.3
0.5s 8.90nm 5.1mb
CAF 57.14 303 eP 46 10.00 0.2
0.5s 1.40nm 4.3mb
RJF 57.27 303 eP 46 11.00 0.2
0.9s 11.10nm 4.9mb
LPF 57.38 307 eP 46 10.90 -0.5
0.5s 5.90nm 4.9mb
MFF 57.59 305 eP 46 12.70 -0.2
DLE 57.67 315 eP 46 13.00 -0.4

LPO 57.80 303 eP 46 14.70 0.3
0.6s 16.90nm 5.3mb
LFF 57.94 303 eP 46 15.80 0.4
0.6s 15.60nm 5.3mb
DCN 58.02 315 eP 46 15 50 -0.3
MLS 58.78 301 ePc 46 20.90 -0.4
MBC 59.14 7 eP 46 23.00 -0.3
EPF 59.19 302 eP 46 23.50 -0.8
0.6s 11.70nm 5.2mb
TOL 63.69 301 eP 46 55.50 0.9
COL 63.87 22 eP 46 55.80 0.5
INK 64.42 15 eP 47 04.00 5.2X
BNG 70.53 257 iPc 47 36.80 -1.1
0.6s 12.00nm 5.0mb
id 48 09.90
YKA 72.79 10 eP 47 52.10 1.5
YKC 72.82 10 eP 47 51.00 0.2
WB2 77.54 134 iPc 48 18.00 -0.2
ASPA 80.39 136 iPc 48 33.90 0.2
0.8s 8.00nm 4.7mb
FFC 81.61 4 eP 48 39.00 -0.7
0.6s 4.00nm 4.6mb
CTA 84.33 125 iPd 48 54.50 0.4
1.0s 8.00nm 4.8mb
SOB1 122.39 290 ePKP 55 18.20 0.6
0.4s 1.40nm
YJA 147.87 303 ePKPd 56 07.40 2.6X
TPZ 149.22 308 PKP 56 08.20 1.3
S.D. = 0.8 on 94 of 98 obs.

• JUN 02, 1985 19h 14m 04.91± 2.77s
42.851 N ±17.9km 0.820 W ±11.0km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 2.5 (LDG).

LHE 0.16 67 iPc 14 08.78 0.1
ISSF 0.18 6 iPc 14 09.00 0.0
ATE 0.25 20 eP 14 10.33 0.1
BOH 0.29 331 ePc 14 10.96 0.0
OGE 0.41 39 iPc 14 13.07 -0.2
EPF 0.87 78 Pg 14 21.60 -0.1
Sg 14 33.00
MLS 1.40 85 eP 14 34.60 4.1X
S.D. = 0.1 on 6 of 7 obs.

• JUN 02, 1985 19h 18m 51.22± 1.22s
38.254 N ±11.7km 21.768 E ± 9.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.5 (ATH).

VLS 0.93 266 ePg 19 09.00 0.0
eSg 19 25.00
ATH 1.56 100 ePg 19 19.00 -0.1
KZN 2.05 0 ePn 19 25.00 -1.2
eSn 19 54.00
OHR 2.95 346 ePn 19 40.00 1.0
VAY 3.12 11 ePn 19 42.60 1.2
SKO 3 72 356 ePn 19 49.00 -1.0
S.D. = 1.3 on 6 of 6 obs.

? JUN 02, 1985 20h 25m 58.95± 4.12s
31.082 S ±33.7km 68.307 W ±26.2km
DEPTH = 90.6 ± 31.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.28 209 iPd 26 13.00 0.4
S 26 23.70
CFA 0.53 174 ePc 26 14.50 0.3
S 26 26.00
RTCB 0.58 226 iPd 26 14.60 -0.2
S 26 26.20
RTCV 0.80 194 iPc 26 16.00 -0.8
S 26 29.40
MDZ 1.85 194 eP 26 30.30 0.5
iS 26 53.40
TCA 3.19 96 iPd 26 48.00 -0.1
S 27 24.00
S.D. = 0.8 on 6 of 6 obs.

JUN 02, 1985 20h 36m 52.41± 0.43s
47.299 N ±10.6km 146.553 E ± 6.3km
DEPTH = 389.2km (2 depth phases)
4.7mb (24 obs.)
NORTHWEST OF KURIL ISLANDS (220)

MDJ 12.11 263 Pd 39 33.40 -2.8
CN2 15.19 264 iPd 40 06.60 -2.7
eS 42 46.50
SHK 16.48 224 ePd 40 21.40 -1.4
SNY 17.24 260 iPd 40 30.00 -0.4
sP 42 11.00
S 43 31.50
BJI 23.04 263 eP 41 27.00 0.7
HHC 25.80 268 Pd 41 51.80 0.3
TIY 26.73 262 eP 41 59.60 -0.3
BTO 26.96 269 P 42 03.10 1.2
LZH 33.41 266 eP 42 58.50 0.6
GTA 34.45 274 iPc 43 07.80 1.3
CD2 36.51 259 eP 43 24.20 0.4
GYA 37.55 251 eP 43 32.40 -0.1
COL 38.53 39 eP 43 39.00 -0.9
1.1s 34.81nm 4.6mb
WMQ 40.51 288 P 43 57.50 1.0
KMI 41.01 253 eP 44 00.00 -0.9
YKA 53.11 35 eP 45 32.60 -0.4
YKC 53.17 35 eP 45 32.00 -1.5
DAG 55.86 356 iPd 45 50.30 -2.1
1.1s 17.72nm 4.3mb
KJF 59.00 333 eP 46 13.00 -1.2
EDM 59.09 44 ePc 46 14.00 -1.1
NEW 60.33 50 eP 46 23.00 -0.5
SUF 60.56 333 iP 46 23.70 -1.0
0.4s 6.00nm 4.4mb
QUE 61.78 285 eP 46 35.00 1.6
NUR 62.70 332 iP 46 37.80 -0.9
0.7s 13.30nm 4.6mb
FFC 63.11 37 eP 46 41.00 -0.5
1.2s 26.00nm 4.7mb
LRM 64.35 50 iPc 46 49.70 -0.2
BMN 65.36 57 eP 46 56.20 -0.1
1.2s 11.69nm 4.4mb
APO 65.86 337 eP 46 57.20 -1.7
0.8s 12.40nm 4.7mb
NB2 66.15 338 P 46 58.70 -2.1
0.4s 5.80nm 4.7mb
EUR 66.71 57 iP 47 04.90 0.1
0.2s 21.77nm 5.5mb
pP 48 31.00 394km
BDW 67.94 50 iP 47 12.00 -0.3
1.0s 18.40nm 4.8mb
pP 48 36.80 385km
RSSD 69.80 46 iP 47 23.00 -0.5
1.0s 24.00nm 4.8mb
SPC 73.23 326 e(P) 47 44.00 0.5
CLL 73.98 332 iPc 47 46.80 -0.6
1.3s 26.00nm 4.7mb
PRU 74.60 330 P 47 51.50 0.5
EKA 74.61 343 Pc 47 50.50 -0.4
2.0s 31.70nm 4.7mb
MOX 75.00 332 eP 47 53.00 -0.2
ZST 75.22 328 eP 47 55.80 1.3
WTS 75.25 336 eP 47 55.00 0.5
ALQ 75.27 54 eP 47 55.00 -0.2
1.5s 26.39nm 4.7mb
KHC 75.66 330 iPc 47 58.00 1.0
1.0s 12.50nm 4.6mb
e 49 21.90 371kmX
GRF 75.95 332 eP 47 59.50 1.0
MEM 76.71 335 P 48 03.40 0.8
KBA 77.51 329 iPd 48 08.50 1.2
1.1s 21.90nm 4.8mb
CDF 78.31 334 eP 48 10.40 -1.1
SKO 78.69 322 eP 48 13.50 0.0
VAY 78.74 320 eP 48 15.00 1.2
TUL 80.13 47 iP 48 21.70 0.5
Z 21s 0.17um 4.4Msz
RLO 80.31 46 iP 48 22.20 0.1
LOR 80.34 335 eP 48 22.50 0.4
LBF 80.57 335 eP 48 23.40 0.1
SSF 80.63 335 eP 48 23.60 0.0
SMF 80.91 335 eP 48 25.60 0.5
1.1s 17.00nm 4.7mb
AVF 80.92 335 eP 48 25.60 0.5
1.3s 20.30nm 4.7mb
LTX 81.03 56 iP 48 26.90 0.8
1.2s 25.51nm 4.8mb
pP 50 11.80 473kmX
BHO 81.81 47 eP 48 30.00 0.1
1.6s 12.20nm 4.4mb
LSF 81.92 336 eP 48 31.20 0.9
1.1s 6.70nm 4.3mb
CAF 82.99 335 eP 48 37.10 1.3
1.4s 24.20nm 4.8mb
CDR 83.02 332 ePc 48 36.80 0.9
LMR 83.09 332 eP 48 35.30 -0.9
LFF 83.35 336 eP 48 38.70 1.2
1.4s 24.20nm 4.8mb
LPO 83.46 336 eP 48 39.60 1.5
1.1s 11.70nm 4.5mb
ZOBO 137.87 55 ePKPc 55 34.00 0.4
LR 11 03.00
CNCB 138.38 55 ePKP 55 36.00 1.5
TPZ 141.64 60 PKP 55 41.70 1.7
YJA 144.06 57 ePKPc 55 43.90 -0.3
BAO 146.20 26 e(PKP) 55 50.00 2.5X
S.D. = 1.1 on 66 of 67 obs.

? JUN 02, 1985 20h 47m 25.80± 2.44s
18.800 N ±27.6km 108.615 W ±12.0km
DEPTH = 10.0km (geophysicist)
4.4mb (4 obs.)
REVILLA GIGEDO ISLANDS REGION (53)

LTX 11.42 22 eP 50 11.80 -0.2
GLA 15.25 340 eP 51 02.00 -0.8
BAR 15.60 334 eP 51 06.00 -1.4
ALQ 16.19 6 eP 51 15.20 0.0
1.1s 12.66nm 4.0mb
PLM 16.27 335 eP 51 19.00 2.9
TPC 16.62 338 eP 51 21.00 0.5
SBB 17.82 334 eP 51 35.00 -0.5
GSC 17.97 338 eP 51 38.00 0.6
BHO 19.76 36 eP 52 00.40 1.5
PRI 20.28 331 eP 52 05.70 1.2
TUL 20.46 31 eP 52 06.60 0.3
0.8s 18.70nm 4.5mb
RLO 21.05 32 eP 52 11.50 -0.8
MNA 21.25 339 eP 52 14.50 -0.1
EUR 21.57 344 iP 52 18.00 0.1
0.4s 5.38nm 4.3mb
JAS1 21.67 334 eP 52 17.50 -1.1
BDW 23.92 358 eP 52 40.10 -0.8
NEW 30.19 349 eP 53 37.00 -1.5
EDM 34.55 355 eP 54 16.00 -0.5
FFC 36.22 7 eP 54 30.00 -0.6
1.2s 12.00nm 4.6mb
YKC 43.83 356 eP 55 33.00 -0.4
YKA 43.85 356 eP 55 35.10 1.5
MBC 57.74 357 eP 57 19.00 0.2
S.D. = 1.1 on 22 of 22 obs.

JUN 02, 1985 21h 05m 08.20± 0.59s
37.851 N ± 5.2km 29.308 E ± 6.7km
DEPTH = 10.0km (geophysicist)
3.6mb (1 obs.)
TURKEY (366)

YER 1.08 229 iPg 05 29.00 0.4
eSg 05 43.10
ELL 1.20 156 iPn 05 30.50 -0.2
IZM 1.70 289 iPn 05 38.90 0.8
DST 1.83 343 iPn 05 41.00 1.0
KCT 2.51 343 iPn 05 50.40 0.7
GPA 2.56 17 iPn 05 50.00 -0.4
EDC 2.73 336 ePn 05 52.80 -0.1
EZN 3.05 311 ePn 05 55.20 -2.1
ISK 3.22 357 ePn 06 14.00 14.3X
MFT 3.33 332 ePn 06 01.40 0.0
CTT 3.36 349 ePn 06 11.00 9.2X
DMK 4.14 344 iPn 06 12.90 0.1
KDZ 4.86 322 iPc 06 24.00 0.9
JMB 5.06 337 eP 06 27.00 1.1
DIM 5.07 327 eP 06 26.00 0.0
PLD 5.53 322 eP 06 33.00 0.5
MMB 5.70 313 iPc 06 35.00 0.1
PSN 5.89 352 eP 06 38.00 0.5
PVL 6.16 331 iPd 06 41.00 -0.3
VAY 6.25 306 ePn 06 43.50 0.8
SKO 7.31 307 ePn 06 57.00 -0.7
CLO 8.71 328 eP 07 15.00 -2.1
MHI 24.09 84 eP 10 25.00 0.2
NB2 25.84 340 P 10 39.80 -1.4
0.7s 0.90nm 3.6mb
S.D. = 1.0 on 22 of 24 obs

? JUN 02, 1985 22h 22m 40.36± 3.14s
31.800 S ±14.0km 69.770 W ±32 9km
DEPTH = 117.7 ± 18.5 km
SAN JUAN PROVINCE, ARGENTINA (137)

02d 22h

RTCB	0.88	70	ePd	23 00.70	-0.8
			S	23 39.00	
ZON	0.96	75	eP	23 03.00	0.8
RTCV	1.05	94	ePc	23 02.90	-0.2
			S	23 43.60	
RTLL	1.21	67	ePc	23 05.20	0.5
			S	23 50.30	
MDZ	1.33	144	eP	23 06.00	-0.1
			iS	23 38.70	
TCA	4.44	85	ePd	23 47.20	0.3
CYA	4.80	47	e(P)	23 50.50	-1.2
SLA	7.99	29	e(P)	24 36.00	0.7

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

? JUN 02, 1985 22h 48m 43.11±18.36s
31.813 S ±53.0km 74.115 W ±141.km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH	2.87	115	iPd	49 27.70	-0.1
LNV	3.12	134	iP	49 30.80	-0.3
			iS	49 56.50	
PEL	3.19	116	iPd	49 32.80	0.7
			iS	50 00.00	
BACH	3.42	118	iPd	49 33.60	-1.9
			i(S)	49 57.10	
PCH	3.53	122	iPc	49 37.70	0.6
FCH	3.56	116	iPd	49 38.20	0.4
			iS	50 10.00	
CHCH	3.60	127	iP	49 38.50	0.5
MDZ	4.58	105	eP	49 57.00	5.0X
			iS	50 42.70	
TCA	8.14	89	ePd	50 42.00	0.0

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

& JUN 02, 1985 23h 02m 38.49s
60.412 N 152.564 W
DEPTH = 102.5km
SOUTHERN ALASKA (2)
<AGS-P>.

RDT	0.18	26	iP	02 52.76	1.1
			eS	03 03.96	
ILM	0.26	209	eP	02 53.11	1.3
			eS	03 04.33	
NKA	0.73	63	eP	02 57.66	1.0
			eS	03 11.42	
SPU	0.81	18	iP	02 56.66	-0.8
			eS	03 10.50	
CRP	0.88	13	iP	02 57.61	-0.7
			eS	03 12.94	
CGLM	0.94	17	iP	02 57.99	-0.8
			eS	03 13.99	
BRLK	1.06	127	iP	02 59.43	-0.7
			eS	03 16.61	
SLKM	1.16	84	eP	03 00.54	-0.7
			eS	03 17.01	
SEW	1.38	100	eP	03 05.18	-1.1
MPA	1.59	86	eP	03 05.25	-1.1
			eS	03 25.02	
SVW	1.66	296	eP	03 05.98	-1.3
PTE	1.80	74	iP	03 07.46	-1.6
			eS	03 30.38	
PLRM	2.05	53	iP	03 10.36	-1.9
GHO	2.23	51	iP	03 12.91	-1.9
KNK	2.24	62	iP	03 12.87	-2.0
MSE	2.26	49	iP	03 13.27	-1.9
			eS	03 40.56	
CFI	2.48	70	eP	03 15.21	-2.7
SML	2.49	54	iP	03 16.05	-2.1
GLI	2.73	78	eP	03 18.24	-3.2
TTV	2.75	74	eP	03 19.08	-2.6
SCM	2.91	58	eP	03 21.79	-2.2
TTA	3.01	328	eP	03 23.46	-1.9
FID	3.02	81	eP	03 21.66	-3.7
VZW	3.02	75	eP	03 22.43	-3.0
VLZ	3.14	74	iP	03 24.19	-2.7
KLU	3.42	69	iP	03 28.04	-2.8
			eS	04 06.33	
KMP	3.84	70	iP	03 33.72	-2.8
YKA	18.09	67	eP	06 42.80	-1.3

28 obs. ossocioted

JUN 02, 1985 23h 15m 23.58± 0.82s
46.779 N ± 7.6km 10.111 E ± 7.4km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)

ML 2.2 (KBA).

OSS	0.09	166	eP+	15 26.00	-0.4
VDL	0.53	237	eP+	15 34.70	0.3
OGA	0.63	82	iPgc	15 31.30	-5.2X
			iSg	15 38.20	
SAX	0.71	312	eP	15 36.80	-0.9
LLS	0.77	277	eP	15 38.30	-0.5
ZUL	1.37	302	eP+	15 51.70	3.0X
SLE	1.48	312	eP+	15 51.60	1.3
FUR	1.60	29	ePg	15 51.00	-0.9
BHG	2.11	62	ePn	15 53.30	-6.1X
KBA	2.24	81	i(Pn)	16 04.00	2.6X
			i	16 04.80	
			iSg	16 28.90	
TRI	2.75	112	eP	16 46.60	38.1X
KHC	3.31	43	ePn	16 17.50	1.0
			Pg	16 24.30	
			Sn	16 53.00	
			Sg	17 02.70	

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

? JUN 03, 1985 00h 11m 57.10± 3.81s
36.660 N ± 9.7km 141.480 E ±35.2km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (I JMA) at Mito and Fukushimo.

ONA	0.54	302	iPd	12 09.60	1.3
			iS	12 18.90	
MIT	0.86	251	P	12 14.00	1.2
			S	12 26.00	
TSK	1.19	248	eP	12 16.90	-0.6
FKS	1.36	324	P	12 19.20	-0.7
			iS	12 35.00	
TOK	1.70	236	iP	12 25.00	0.2
			iS	12 45.50	
KYS	1.82	217	eP	12 27.10	0.5
DDR	1.96	251	eP	12 03.10	-25.6X
SRY	2.07	240	eP	12 29.30	-0.9
OYM	2.20	236	eP	12 03.10	-28.9X
MAT	2.64	268	iPd	12 37.20	-1.0
			eS	13 07.00	

S.D. = 1.1 on 8 of 10 obs.

? JUN 03, 1985 00h 26m 26.29± 4.01s
37.247 S ±39.0km 73.048 W ±22.9km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	3.55	23	iPd	27 20.50	0.2
CHCH	3.84	31	eP	27 20.00	-4.5X
TACH	3.98	26	iP	27 27.00	0.5
PCH	4.17	31	iP	27 29.80	0.5
SAN	4.26	28	eP	27 30.50	0.0
BACH	4.41	29	eP	27 33.00	0.2
FCH	4.51	31	iP	27 35.00	0.5
PEL	4.53	26	iP	27 34.70	0.3
ROCH	4.58	22	iP	27 34.50	-0.8
JACH	4.98	25	iP	27 39.60	-1.3
TCA	9.15	52	ePd	28 38.30	-0.7
TPZ	16.17	15	ePd	30 31.00	17.9X
ARE	20.75	4	eP	31 05.00	-2.1
CNCB	20.84	14	P	31 08.00	-0.4
LPB	21.09	13	eP	31 11.00	0.3
ZOBO	21.35	13	P	31 16.20	2.7
			LR	40 44.00	

S.D. = 1.2 on 14 of 16 obs.

* JUN 03, 1985 00h 34m 36.98± 0.76s
37.401 N ±16.4km 71.324 E ±13.5km
DEPTH = 33.0km (normal)
4.5mb (4 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

MHI	9.55	267	eP	36 56.00	0.7
NDI	10.00	149	eP	37 00.00	-1.4
			eS	38 38.00	
KKN	15.16	125	eP	38 10.70	0.2
	0.5s		33.00nm		4.9mb
DMN	15.17	126	eP	38 12.00	1.3
	0.4s		20.00nm		4.7mb
PKI	15.39	126	eP	38 13.60	0.0
	0.6s		8.00nm		4.1mb
SUF	37.30	327	iP	41 48.60	1.3
NB2	43.82	322	P	42 39.30	-1.9
	0.6s		3.10nm		4.3mb
YKA	80.34	3	eP	46 45.60	-0.2

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

& JUN 03, 1985 02h 05m 30.40s
34.000 N 116.000 W
DEPTH = 9.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.3 (PAS).

TPC	0.11	339	iPc	05 33 00	-0.2
HAY	0.42	134	iPc	05 39.40	0.5
SDW	1.08	305	iPd	05 49.00	-1.8
GLA	1.36	134	eP	05 54.00	-1.6

4 obs. ossocioted

JUN 03, 1985 02h 43m 09.96± 0.49s
24.050 S ± 6.6km 179.893 W ± 6.3km
DEPTH = 524.1 ± 7.3 km
5.2mb (8 obs.)
SOUTH OF FIJI ISLANDS (171)

RAO	5.47	162	P	44 43.00	-0.2
SVA	6.10	345	ePd	44 49.50	0.4
			S	46 12.00	
SGE	6.74	342	iPc	44 54.70	-0.8
YSA	7.69	342	iPd	45 04.20	-0.6
AFI	12.67	39	P	45 53.00	-3.3X
			S	48 07.00	
NOU	12.68	275	iPc	45 58.20	1.9
			iS	48 28.50	
KRP	14.37	195	eP	46 14.00	0.7
MNG	16.97	192	P	46 37.60	-1.5
			S	49 26.00	
RMO	28.42	258	eP	48 24.00	0.3
CAN	29.15	240	eP	48 30.90	0.9
TVO	29.25	84	iP	48 31.10	0.1
	0.9s		65.00nm		5.2mb
YOU	29.41	242	eP	48 32.70	0.4
CTA	31.57	270	iPd	48 50.90	0.1
	0.8s		52.61nm		5.2mb
TPT	31.66	79	iP	48 52.20	0.7
	0.9s		60.00nm		5.2mb
RUV	31.80	80	iP	48 53.20	0.5
	0.9s		55.00nm		5.1mb
PMG	34.64	289	iPd	49 16.20	-0.3
	0.9s		84.03nm		5.3mb
ASPA	42.11	261	eP	50 14.00	-3.3X
WB2	42.48	266	iPd	50 19.30	-1.0
WBN	48.24	256	iPd	51 03.50	-1.2
	0.5s		38.00nm		5.1mb
KNA	48.76	270	eP	51 08.00	-0.7
SBA	54.23	183	e(P)	51 48.10	0.5
			e	03 49.80	
SPA	66.09	180	eP	53 06.70	0.3
	1.0s		10.00nm		4.4mb
	Z 20s		12.52um		6.1Msz
MAT	72.07	326	eP	53 43.00	0.8
	1.0s		11.00nm		4.3mb
COL	92.07	13	eP	55 23.30	0.2
SOB1	128.08	125	ePKP	01 17.80	-0.6
	0.3s		1.60nm		
ITR	130.21	126	ePKP	01 21.30	-1.2
KEV	131.58	348	ePdiff	58 12.00	-7.1X
			ePP	01 36.00	
			eS	08 48.00	
			ePS	09 56.00	
			eSS	14 48.00	
KJF	135.96	343	iPdiff	58 25.20	-13.5X
	1.0s		28.00nm		
			ePP	02 04.00	
			eS	09 00.00	
			ePPS	10 32.00	
			eSS	15 08.00	
NB2	142.24	351	PKP	01 38.40	-5.0X
	1.1s		5.10nm		
EKA	148.66	4	PKPc	01 58.10	4.1X
	1.1s		6.50nm		
KSP	150.46	339	iPKPd	02 04.00	7.1X
			e	04 08.50	
BUC	150.64	320	ePdiff	59 30.00	-14.4X
BRG	151.16	342	iPKP	02 05.20	7.3X
			e	04 07.00	
BNG	153.62	225	iPKPc	02 03.00	0.5
	1.0s		5.00nm		
			id	02 26.80	
			id	04 16.90	

03d 03h

id 10 56.00
S.D. = 0.9 on 25 of 34 obs.

JUN 03, 1985 02h 45m 32.01± 0.59s
13.175 N ± 3.1km 90.138 W ± 3.2km
DEPTH = 65.5 ± 5.2 km
5.2mb (61 obs.)
NEAR COAST OF GUATEMALA (71)
Ms 6.3 (BRK), 5.8 (PAS).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 35C
Centroid Locotion:
Origin Time 02:45:32.8 0.3
Lot 12.52N 0.03 Lon 90.79W 0.03
Dep 19.9 1.6 Holf-durotion 5.0
Moment Tensor; Scole 10**25 D-CM
Mrr= 1.92 0.04 Mtt=-1.82 0.06
Mff=-0.09 0.06 Mrt= 1.78 0.20
Mrf=-0.72 0.11 Mtf= 0.67 0.05
Principol Axes:
T Val= 2.70 Plg=68 Azm= 25
N 0.13 2 290
P -2.82 22 200
Best Double Couple:Mo=2.8*10**25
NP1:Strike=286 Dip=23 Slip= 85
NP2: 111 67 92

SSS		1.04	61	iPc	45	54.00	2.8
				eS	46	21.90	
COM		3.62	328	iPc	46	25.00	-2.0
SJS		6.77	118	eP	47	10.50	-0.7
VHO		7.54	303	iPc	47	16.00	-5.8X
IIT		9.77	308	iP	47	50.50	-2.0
GCM		10.37	53	eP	48	04.60	4.1X
IIP		10.42	307	eP	47	57.00	-4.6X
IIM		10.62	306	iP	47	58.00	-6.2X
TAC		10.67	307	iPd	48	04.00	-0.9
IIC		10.93	308	iPc	48	05.50	-2.9X
OXM		11.00	305	iPd	48	08.00	-1.4
UPA		11.21	111	eP+	48	11.00	-0.8
		1.1s		70.89nm			5.6mb
	Z	18s		50.86um			
				pP	48	22.00	
				S	50	21.00	
PIM		12.39	296	iP	48	23.00	-4.5X
GIE		13.82	181	iPd-	48	41.50	-4.8X
	Z	22s		212.12um			
				S	51	06.20	
OUR		17.56	138	eP	49	36.50	2.1
BMG		17.85	108	eP	49	39.00	1.3
UAV		19.19	102	eP	49	55.00	1.3
JCT		19.40	334	iP	49	53.90	-1.8
		1.0s		150.00nm			5.2mb
SDV		19.61	101	eP	49	58.60	0.4
TOV		20.22	97	eP	50	05.50	1.1
LTX		20.40	324	P	50	05.80	-0.4
BHO		21.54	349	iPc	50	17.50	-0.1
HBF		21.60	23	P	50	20.20	2.1
PRM		21 98	17	eP	50	23.00	1.0
OLY		22.26	357	P	50	24.80	0.1
RSCP		22.70	10	eP	50	30.90	1.8
POW		22.90	358	P	50	31.20	0.3
TKL		23.11	13	P	50	34.50	1.5
TUL		23.20	348	iPc+	50	33.50	-0.4
		0.9s		274.90nm			5.7mb
	Z	20s		16.90um			5.5Msz
	N	18s		6.87um			
	E	17s		14.18um			
				eS	54	47.50	
OCO		23.22	345	iPc	50	34.00	-0.1
RLO		23.31	350	iPc	50	35.60	0.6
SJG		23.61	75	eP	50	39.00	1.0
GFM		24.04	17	P	50	43.00	0.8
FVM		24.71	359	eP	50	48.00	-0.5
		0.8s		30.30nm			4.8mb
BLA		25.47	18	ePc+	50	56.80	1.2
		1.3s		73.08nm			5.0mb
	Z	20s		29.72um			5.8Msz
ALQ		26.22	329	ePc	51	02.50	-0.3
		0.9s		33.61nm			4.9mb
NNA		28.26	152	iPd	51	22.10	0.8
		1.5s		69.44nm			5.1mb
				eS	56	00.40	
CHI		28.70	4	P	51	26.00	1.0
UTO		28.95	10	iPd	51	27.30	0.1
GLD		29.62	336	eP	51	33.30	-0.3
GOL		29.64	336	P	51	32.80	-1.0
GLA		29.98	315	P	51	36.00	-0.6
RMU		30.23	326	eP	51	40.00	1.1
LDN		30.75	13	P	51	40.80	-2.4
GMTN		30.94	24	iP	51	46.70	1.9
				i	52	33.70	
				e	06	35.10	
BAR		31.06	313	eP	51	46.00	-0.1
TBR		31.14	24	P	51	46.50	-0.2
TPC		31.42	316	eP	51	50.00	0.7
PLM		31.56	314	eP	51	51.00	0.3
SLBC		31.66	313	eP	51	51.80	0.5
MSU		31.93	326	P	51	54.40	0.5
SDW		32.40	316	P	51	58.00	0.1
GSC		32.62	317	eP	52	00.00	0.2
DAU		32.86	330	P	52	01.50	-0.6
MWC		32.87	314	eP	52	02.00	-0.1
PAS		32.91	314	eP	52	02.00	-0.2
	Z	20s		20.00um			5.8Msz
				ePcP	53	36.00	
				eS	57	20.00	
				eLg	57	49.00	
				eLR	00	13.00	
SBB		32.96	315	eP	52	03.00	0.3
RSSD		33.06	342	eP	52	03.30	-0.4
CLC		33.45	317	eP	52	07.00	0.1
SKLY		33.57	21	eP	52	07.80	0.1
ISA		33.94	316	eP	52	12.00	0.8
BDW		33.95	334	eP	52	14.20	2.8
		1.0s		24.00nm			5.1mb
RSNY		33.99	20	eP	52	11.40	-0.1
WKTM		34.00	316	P	52	11.50	-0.2
OTT		34.37	18	eP	52	14.50	-0.2
		1.0s		67.00nm			5.5mb
SYP		34.38	313	eP	52	24.00	8.9X
EUR		34.72	324	iP	52	19.00	0.9
		1.0s		67.12nm			5.5mb
ARE		34.74	147	eP	52	18.00	-0.5
MNT		35.14	20	iPc	52	21.40	0.2
		1.7s		182.00nm			5.7mb
				pP	52	54.00	147kmX
LHC		35.14	1	iPc	52	20.30	-0.9
		0.9s		76.00nm			5.6mb
MNA		35.36	320	iPc	52	25.00	1.6
FRI		35.51	317	ePc	52	24.30	-0.2
PRI		35.70	315	ePc	52	26.00	-0.2
BMN		36.07	324	P	52	30.30	0.9
LLA		36.14	316	eP	52	29.80	0.0
HPI		36.26	331	P	52	31.00	-0.1
PRS		36.28	315	eP	52	31.40	0.4
ZOBO		36.46	143	P	52	32.20	-1.1
		1.5s		59.14nm			5.3mb
JAS1		36.51	318	iPc	52	33.40	0.5
MIM		36.65	25	eP	52	34.20	0.2
LPB		36.68	143	P	52	34.00	-1.0
	Z	18s		26.46um			6.1Msz
				LR	03	42.00	
CNCB		36.97	143	eP	52	36.00	-1.6
MHC		37.00	316	ePc	52	38.10	0.9
GCC		37.07	316	eP	52	38.40	0.8
LRM		37.63	334	eP	52	42.70	0.2
BKS		37.68	317	eP	52	44.00	1.3
		1.2s		56.00nm			5.4mb
				e	53	03.80	
				e	53	09.80	
				ePcP	54	17.10	
				ePP	54	37.60	
				ePPP	55	17.40	
				e	58	42.00	
				eS	59	22.00	
				e	01	42.40	
				eLQ	02	48.00	
RSON		37.69	356	eP	52	41.30	-1.3
		1.0s		65.00nm			5.5mb
HNME		37.83	25	P	52	44.00	0.2
ORV		38.13	319	eP	52	47.40	0.9
MIN		38.65	320	eP	52	51.90	0.9
GAS		38.96	319	P	52	54.50	0.9
TPZ		40.34	148	Pc	53	18.60	13.2X
FHC		40.40	319	eP	53	06.40	1.0
CLX		40.64	334	iPc	53	07.60	0.2
SES		40.85	340	ePc	53	09.00	0.0
LHD		40.85	334	iPc	53	09.40	0.4
LDM		40.90	334	iPc	53	09.70	0.3
ATB		41.04	111	Pc	53	10.50	-0.3
RXF		41.14	335	iPc	53	11.80	0.4
YKM		41.39	334	iPc	53	13.90	0.4
ANT		41.42	152	eP	53	15.00	1.2
NEW		41.54	333	eP	53	14.00	-0.6
COR		42.18	324	iPc	53	20.00	0.2
FFC		42.48	350	eP	53	22.00	-0.2
		1.5s		213.00nm			5.7mb
YJA		42.63	145	eP	53	20.80	-3.5X
PNT		43.44	332	eP	53	31.00	1.0
		0.9s		105.00nm			5.6mb
EDM		44.01	340	iPc	53	33.70	-1.0
		0.7s		69.00nm			5.6mb
SLA		44.70	147	eP	53	40.60	0.0
PGC		44.82	329	eP	53	41.00	-0.1
SCH		45.39	19	eP	53	44.60	-1.1
		0.6s		94.00nm			5.8mb
PHC		48.13	329	eP	54	08.00	0.9
JACH		49.28	158	eP	54	15.00	-1.4
ROCH		49.39	159	eP	54	15.50	-1.9
PEL		49.66	158	eP	54	19.00	-0.3
BACH		49.92	158	eP	54	22.80	1.6
SAN		49.95	159	eP	54	20.00	-1.4
FCH		49.97	158	eP	54	21.00	-0.9
TACH		50.03	159	eP	54	22.50	0.5
MDZ		50.11	157	eP	54	23.90	1.2
LNV		50.15	160	eP	54	21.00	-1.8
PCH		50.15	159	eP	54	22.00	-1.1
BAO		50.57	123	eP	54	27.90	1.4
				i	54	29.80	
				i	54	34.60	
				i	54	38.80	
				i	54	43.10	
TCA		50.60	151	ePc	54	24.30	-2.2
YKC		52.21	346	ePc	54	37.10	-1.0
		0.9s		50.00nm			5.5mb
RSNT		52.24	346	P	54	37.20	-1.1
YKA		52.25	346	eP	54	38.00	-0.5
FRB		52.73	12	eP	54	40.00	-2.0
SOB1		53.72	112	eP	54	49.50	-0.5
				e	54	52.30	
				e	54	57.30	
				e	55	01.80	
				e	55	07.80	
ITR		55.79	110	ePc	55	04.50	-0.6
				e	55	06.80	
				e	55	16.80	
LPA		56.75	148	eP+	55	17.00	5.5X
RKT		56.81	231	eP	55	21.00	8.8X
		1.2s		85.00nm			5.7mb
VBA		57.39	154	ePd	55	15.30	-0.8
RDJ		58.27	128	iP+	55	22.80	0.4
GDH		60.64	14	iPc	55	36.70	-1.4
		0.8s		14.93nm			5.2mb
	Z	19s		18.40um			6.2Msz
				iS	04	05.00	
TOA		62.88	334	eP	55	52.70	-0.7
		1.4s		162.80nm			5.9mb
PMR		63.97	333	P	56	00.00	-0.4
	Z	22s		9.68um			5.9Msz
COL		64.72	337	iP	56	04.30	-0.9
		1.2s		42.97nm			5.3mb
	Z	18s		7.22um			5.9Msz
				eS	04	56.00	
FBA		64.72	337	ePc	56	04.30	-0.9
MBC		64.95	353	iPc	56	05.90	-0.7
		0.8s		34.00nm			5.4mb
SVW		66.78	331	ePc	56	17.70	-0.8
IMA		67.43	337	e(P)	56	21.50	-1.2
		1.3s		37.70nm			5.2mb
TTA		67.45	333	ePc	56	21.70	-1.1
ALE		70.24	4	ePc	56	38.50	-1.1
		0.8s		23.00nm			5.2mb
DAG		73.02	13	iPd	56	55.20	-1.0
		0.8s		22.39nm			5.1mb
VAL		73.52	39	iP	57	03.10	3.6X
				iS	07	33.00	
PTO		75.13	51	eP	57	08.00	-1.0
				eS	06	14.00	
DCN		75.30	38	eP	57	08.00	-1.7
DMU		75.49	37	iPc	57	09.40	-1.4
		1.0s		45.00nm			5.4mb
DLE		75.74	38	eP	57	10.70	-1.5
		1.0s		33.00nm			5.2mb
AVE		76.88	59	eP	57	19.00	-0.1
ELO		77.17	35	ePKP	57	19.00	-1.2
EBH		77.30	35	ePKPc	57	19.80	-1.1
EAU		77.36	35	ePKPc	57	21.40	0.1
SFS		77.47	55	eP	57	36.00	13.8X
				e	02	12.00	

03d 02h

			eS	07 27.00	
			e	08 40.00	
EDU	77.55	35	ePKPc	57 21.30	-0.9
ESK	77.55	36	eP	57 21.00	-1.3
EKA	77.57	36	Pc	57 21.20	-1.2
	0.8s		13.40nm		5.0mb
ADK	77.64	321	eP	57 23.40	0.6
ESY	77.83	35	ePKPc	57 22.70	-1.1
TOL	78.71	52	iP+	57 28.00	-1.1
			ePP	00 42.00	
			iS	07 35.00	
			iPS	08 22.00	
			iSS	13 04.00	
MAL	78.86	55	eP+	57 30.00	0.1
			iPP	59 52.00	
			iS	07 36.00	
			iPS	08 05.00	
			iSS	13 18.00	
AAS	79.09	165	eP	57 32.00	1.5
	Z 19s		6.90um		6.0Msz
CRT	79.44	54	eP	57 34.50	1.4
LGR	79.51	49	eP	57 34.50	1.2
			ePP	00 44.00	
LPF	79.74	43	eP	57 33.40	-1.0
	0.9s		12.10nm		4.8mb
GRR	79.81	43	eP	57 34.00	-0.7
	0.8s		24.10nm		5.2mb
FLN	80.00	42	eP	57 35.00	-0.8
	0.8s		16.10nm		5.0mb
LDF	80.26	42	eP	57 36.50	-0.7
	0.8s		8.40nm		4.7mb
MFF	80.55	44	eP	57 38.10	-0.7
	1.0s		12.00nm		4.8mb
BER	81.34	30	eP	57 43.50	1.0
LFF	81.44	46	eP	57 43.00	-0.4
	0.8s		7.40nm		4.7mb
EPF	81.49	48	eP	57 43.40	-0.4
	0.9s		14.70nm		4.9mb
ALI	81.68	53	eP	57 45.00	0.2
			ePS	08 56.00	
LSF	81.76	44	eP	57 44.00	-1.1
	0.9s		4.50nm		4.4mb
LPO	81.80	46	eP	57 45.00	-0.3
	1.1s		14.60nm		4.9mb
RJF	81.92	45	eP	57 45.30	-0.6
EBR	81.99	50	eP	57 46.00	-0.4
			eS	08 09.00	
			ePS	09 07.00	
MLS	82.04	48	eP	57 46.20	-0.4
TCF	82.21	44	eP	57 46.40	-1.1
	0.8s		3.70nm		4.4mb
CAF	82.37	46	eP	57 47.50	-0.8
	0.8s		4.00nm		4.4mb
MZF	82.48	44	eP	57 47.90	-1.0
	0.9s		13.60nm		4.9mb
BGF	82.59	44	eP	57 48.60	-0.8
	0.8s		10.80nm		4.9mb
GRC	82.60	43	P	57 49.50	0.1
UCC	82.73	40	Pc+	57 50.00	0.0
			e	57 58.50	
			e	08 25.00	
AVF	82.89	44	eP	57 49.70	-1.2
	0.9s		6.80nm		4.6mb
SSF	82.94	43	eP	57 50.20	-1.0
	0.8s		5.30nm		4.6mb
DBN	82.96	38	eP	57 51.00	-0.1
	Z 19s		3.60um		5.8Msz
			ePcP	58 00.00	
			iScS	08 18.00	
			ePS	09 00.00	
			eSPP	09 19.00	
			e	10 08.00	
			eSS	13 30.00	
			e(SSS)	16 50.00	
DOU	83.02	40	P	57 51.80	0.3
	Z 18s		6.30um		6.0Msz
			e	58 00.00	
			PP	01 10.00	
			S	08 18.00	
SMY	83.09	322	P	57 52.50	0.7
	Z 20s		3.00um		5.7Msz
LOR	83.13	43	eP	57 51.40	-0.8
	0.9s		13.10nm		4.9mb
SMF	83.25	44	eP	57 51.80	-1.0
	0.8s		4.50nm		4.5mb
LBF	83.27	43	eP	57 51.70	-1.2
WIT	83.69	37	eP	57 56.00	1.2

ENN	83.71	39	ePc	57 54.70	-0.3
	0.8s		16.00nm		5.1mb
MEM	83.79	40	P	57 55.00	-0.4
WTS	83.96	38	eP	57 56.50	0.3
			e	58 04.00	
NB2	84.00	29	P	57 56.00	-0.3
	1.6s		57.80nm		5.4mb
WLF	84.10	40	P	58 06.00	9.0X
			S	08 28.00	
KIC	84.11	85	eP	57 59.70	2.0
HAU	84.61	42	eP	57 59.20	-0.5
	0.8s		8.70nm		4.9mb
BSF	84.94	42	eP	58 00.90	-0.5
	0.8s		9.90nm		4.9mb
CDF	85.12	42	eP	58 01.90	-0.4
	0.8s		9.10nm		4.9mb
GWF	85.20	41	iPc	58 02.20	-0.4
CDR	85.23	46	ePc	58 02.70	-0.1
			e	28 12.70	
			e	28 24.00	
TNS	85.40	40	eP	58 03.80	0.2
HAM	85.42	36	ePc	58 04.80	1.3
EMS	85.46	44	eP+	58 04.10	-0.1
BUH	85.66	41	eP	58 04.60	-0.3
LRG	85.70	47	eP	58 05.20	0.1
DIX	85.78	44	eP+	58 06.30	0.4
LMR	85.84	47	eP	58 05.50	-0.3
FRF	85.88	46	eP	58 06.10	0.1
SLE	86.07	42	eP+	58 06.70	-0.2
MMK	86.16	44	eP+	58 08.40	0.7
COP	86.18	34	eP+	58 08.00	0.8
	0.9s		30.25nm		5.4mb
LLS	86.64	43	eP+	58 10.40	0.4
SAX	86.76	42	eP+	58 10.70	0.0
MOX	87.23	39	eP	58 12.50	0.0
	2.2s		63.00nm		5.4mb
	Z 18s		6.30um		6.1Msz
	N 18s		4.30um		
	E 16s		2.70um		
			e	58 22.00	
			ePP	01 45.00	
			eSKS	08 45.00	
			ePS	10 05.00	
			eSS	14 45.00	
GRF	87.27	40	ePc	58 13.40	0.7
	1.5s		45.00nm		5.4mb
	Z 19s		7.00um		6.1Msz
			e	58 22.20	
UPP	87.39	29	iP	58 13.60	0.6
			i	58 20.80	
			iSKS	08 45.00	
			iS	09 04.00	
OSS	87.45	43	eP+	58 14.20	0.4
OVF	87.71	47	eP	58 14.50	-0.5
	0.7s		7.80nm		5.0mb
CLL	87.86	38	eP	58 15.00	-0.5
	Z 19s		5.50um		6.0Msz
WET	88.47	40	iPc	58 19.50	1.0
	1.8s		57.00nm		5.5mb
	Z 18s		7.00um		6.1Msz
BRG	88.57	38	eP	58 19.00	0.1
	2.0s		52.00nm		5.4mb
	Z 20s		7.00um		6.1Msz
	N 20s		3.00um		
	E 20s		5.50um		
			i	58 28.50	
			e	01 45.50	
			e	09 00.00	
			e	10 26.00	
KHC	88.91	40	iPc	58 21.00	0.4
	Z 18s		3.60um		5.8Msz
	N 16s		1.10um		
	E 17s		2.40um		
			S	09 00.00	
FIR	89.04	45	eP	58 30.00	8.8X
			eS	09 00.00	
PRU	89.22	39	eP	58 21.00	-1.0
	Z 18s		7.60um		6.2Msz
	N 17s		1.80um		
	E 18s		6.60um		
			e	58 31.20	
			PP	01 50.00	
			S	09 03.00	
			PS	10 34.00	
KBA	89.42	42	ePc	58 23.00	-0.3
	1.0s		17.60nm		5.3mb
			i	58 32.40	

			i	58 36.00	
			i	58 47.70	
			e	02 01.00	
KMR	89.61	41	iP+	58 24.00	0.1
			e	02 01.00	
SUF	89.87	24	iP	58 25.60	0.8
	1.0s		19.30nm		5.3mb
KSP	89.97	37	eP	58 20.00	-5.5X
VOY	90.12	43	eP	58 26.50	0.1
TRI	90.14	43	eP	58 26.00	-0.3
			ePP	02 15.00	
			ePPP	04 20.00	
			eSKS	09 00.00	
			eS	09 46.00	
			ePS	10 44.00	
			e	11 38.00	
			eSS	15 54.00	
			eSSS	19 25.00	
NUR	90.30	27	eP	58 36.00	9.2X
	Z 23s		5.30um		5.9MszX
			ePP	02 04.00	
			eS	09 06.00	
			ePPS	10 40.00	
			LR	37 00.00	
LJU	90.53	42	eP	58 28.00	-0.2
			e	58 52.70	
			eS	09 09.00	
			e	10 48.00	
VKA	90.91	40	iPc	58 30.40	0.5
			i	58 39.00	
			i	59 02.10	
			e	01 18.00	
			e	04 04.00	
SOP	91.27	40	eP	58 31.40	-0.1
ZST	91.42	40	eP	58 34.00	1.8
			e	02 18.10	
SRO	92.32	40	eP	58 35.90	-0.5
SPC	92.96	38	eP	58 41.20	1.6
CLO	96.27	41	eP	58 50.00	-4.6X
			e	27 39.00	
OHR	96.58	45	eP	58 53.70	-2.5
SKO	96.67	44	eP	58 56.60	0.1
			i	59 05.50	
			iPP	03 04.00	
			iS	09 44.00	
			iPS	11 52.00	
ATH	99.94	47	eP	59 20.00	8.7X
			ePP	03 22.80	
			eSKS	10 00.00	
			ePS	12 28.00	
MDJ	112.12	330	ePdiff	00 05.00	-0.3
			PP	04 50.00	
			PPP	07 13.00	
MAT	112.77	319	(Pdiff	00 08.00	-0.5
	Z 20s		3.19um		5.9Msz
CN2	114.67	332	ePdiff	00 19.00	2.3X
SNY	117.07	332	ePdiff	00 30.00	2.6X
			PP	05 28.00	
			PPP	07 57.00	
HHC	122.61	341	ePKP	04 23.00	0.9
WMQ	123.25	2	PKP	04 24.80	1.6
			PP	06 08.50	
MTD	123.75	101	iPKPd	04 26.00	1.0
TIA	124.54	333	PKPc	04 26.50	0.7
			PP	06 16.00	
			PKS	08 02.00	
			PPP	09 03.50	
TIY	125.12	338	ePKP	04 28.40	1.4
			PP	06 21.50	
			SKKS	13 09.50	
			SS	23 14.50	
CTA	125.74	255	ePKP	04 36.00	7.3X
			iPP	06 46.00	
			iSKS	11 42.00	
			iSKKS	13 18.00	
			i	14 39.00	
			i	16 23.00	
			i	17 05.00	
			i	17 31.00	
			iSS	23 25.00	
			iSSS	27 57.00	
KSH	126.07	13	ePKP	04 30.00	1.1
			ePP	06 28.00	
			SKS	11 40.00	
NAI	126.17	82	ePKP	04 34.00	4.0X
	1.6s		80.00nm		
GTA	126.87	350	PKP	04 31.70	1.2

NJ2	127.15	329	PKPc	04	31.00	0.0
			PP	06	37.00	
			PKS	08	09.00	
LZH	129.26	345	ePKP	04	36.50	1.4
XAN	129.67	339	ePKP	04	36.30	0.5
WHN	130.56	332	ePKP	04	38.00	0.5
			PP	06	56.00	
			PKS	08	11.10	
ANP	130.95	321	ePKP	04	51.00	12.5X
CD2	134.18	343	PKP	04	46.40	1.9
			pPKP	05	06.30	
			iPKS	08	26.00	
NDI	136.63	16	ePKP	04	50.00	0.9
			e	08	23.20	
WB2	136.92	255	ePKP	04	50.20	0.3
GYA	137.35	338	PKP	04	53.00	2.3
			PP	07	23.00	
LSA	137.36	358	PKP	04	53.00	1.9
HKC	137.44	326	ePKP	04	51.00	0.2
			ePP	07	39.00	
BAG	137.74	313	ePKP	04	48.00	-3.8X
BAG	137.74	313	ePKP	04	50.00	-1.8
OCP	138.54	311	ePKP	04	46.00	-7.0X
AVY	139.18	104	ePKP	05	00.40	6.0X
KMI	139.92	342	ePKP	04	56.50	0.9
			SKKS	14	50.00	
AAI	140.98	281	e(PKP)	05	05.70	8.2X
POO	144.76	27	iPKPd	05	04.50	0.6
CHTO	146.98	344	ePKP	05	07.90	0.4
	2.3s		494.93nm			
LOE	147.43	339	ePKP	05	10.00	1.7
KKM	147.60	305	ePKPc	05	06.60	-2.2X
HYB	147.62	20	ePKPc	05	09.00	0.4
	1.2s		181.80nm			
MUN	149.44	228	ePKP	05	14.00	2.9X
MKS	149.75	282	e(PKP)	05	22.00	10.0X
BAL	149.77	231	iPKPd	05	16.00	4.4X
GBA	150.68	25	PKPc	05	14.40	1.1
	1.1s		33.50nm			
KHT	150.91	342	ePKP	05	21.00	7.3X
NNT	152.59	339	ePKP	05	24.70	8.5X
KOD	153.69	28	ePKP	05	23.00	4.9X
KGM	159.85	318	ePKPd	05	42.20	16.8X
	S.D. = 1.0		on 251 of 288 obs.			

* JUN 03, 1985 03h 14m 17.07± 0.51s
48.599 N ±20.1km 154.637 E ±11.4km
DEPTH = 33.0km (normal)
4.7mb (7 obs.)
KURIL ISLANDS (221)

MAT	17.03	231	eP	18	14.00	-0.2
	0.9s		10.92nm		4.0mb	
COL	34.08	40	eP	21	00.00	0.0
YKA	48.83	38	eP	23	15.50	14.9X
YKC	48.89	38	eP	23	16.00	14.9X
CHG	53.55	257	iPc	23	37.20	0.4
	0.8s		13.06nm		5.0mb	
CHTO	53.55	257	eP	23	37.10	0.3
	0.8s		11.35nm		4.9mb	
KKN	56.34	275	eP	23	57.20	-0.2
	0.5s		7.00nm		4.9mb	
PKI	56.40	275	eP	23	57.60	-0.4
	0.6s		5.00nm		4.7mb	
DMN	56.58	275	eP	23	59.40	0.2
EUR	61.38	62	eP	24	32.30	0.1
	0.8s		4.42nm		4.6mb	
BDW	62.82	55	eP	24	41.70	-0.2
RSSD	64.85	51	eP	24	55.20	0.1
	0.9s		2.94nm		4.4mb	
LTX	75.70	62	eP	26	01.00	0.0
	S.D. = 0.3		on 11 of 13 obs.			

JUN 03, 1985 03h 15m 54.38± 0.36s
52.349 N ± 7.5km 160.849 E ± 5.8km
DEPTH = 40.9km (6 depth phases)
4.9mb (27 obs.)
OFF EAST COAST OF KAMCHATKA (219)

SMY	8.09	82	eP	17	49.50	-2.7
ADK	13.81	83	eP	19	08.00	-1.4
TSK	21.80	230	eP	20	43.40	-1.1
MDJ	21.98	262	eP	20	43.00	-3.2X
DDR	22.41	232	eP	20	52.20	1.5
MAT	22.46	234	iPd	20	50.90	-0.2
	0.6s		55.33nm		5.2mb	
SRY	22.69	231	eP	20	55.40	2.1
OYM	22.86	231	eP	20	55.70	0.7
TTA	24.90	48	eP	21	15.00	0.4
CN2	24.94	264	Pd	21	12.40	-2.6
IMA	26.29	41	eP	21	27.00	-0.6
COL	28.63	44	eP	21	47.00	-1.7
TIA	34.61	260	eP	22	40.30	-1.1
GTA	43.15	278	P	23	51.80	-0.8
CD2	46.36	266	P	24	18.20	0.0
WMQ	47.66	290	P	24	27.60	-0.8
GYA	47.80	259	P	24	29.60	-0.1
DAG	51.15	360	iPd	24	53.00	-1.6
	0.7s		13.01nm		5.0mb	
			i	25	00.60	25kmX
KMI	51.15	261	eP	24	55.50	-0.1
QIZ	51.60	250	P	25	00.60	1.9
KEV	53.67	342	iP	25	12.00	-1.5
	0.5s		19.60nm		5.4mb	
			i	25	24.00	42km
BMN	54.84	68	eP	25	23.80	1.1
			e	25	36.00	43km
SOD	55.76	340	iP	25	26.70	-2.1
EUR	56.19	68	eP	25	33.30	0.8
	0.8s		4.42nm		4.5mb	
BDW	57.47	61	eP	25	42.00	0.3
	0.8s		3.94nm		4.5mb	
			e	25	54.00	42km
CHTO	58.21	259	eP	25	46.00	-0.7
	0.7s		6.04nm		4.8mb	
KJF	58.23	338	iP	25	45.80	-0.5
	0.6s		36.50nm		5.7mb	
RSSD	59.44	56	eP	25	55.00	-0.3
RSON	59.52	45	e(P)	25	55.50	0.0
SUF	59.86	338	iP	25	56.50	-1.2
	0.5s		36.60nm		5.8mb	
KKN	59.89	277	eP	25	56.60	-2.0
PKI	59.97	277	eP	25	57.10	-2.2
	0.6s		22.00nm		5.5mb	
DMN	60.12	277	eP	25	58.60	-1.6
	0.6s		39.00nm		5.7mb	
NUR	62.15	337	iP	26	12.90	-0.2
	0.7s		18.60nm		5.3mb	
UPP	64.29	340	eP	26	26.70	-0.5
N82	64.39	344	P	26	25.30	-2.6
	0.7s		12.00nm		5.1mb	
BER	65.91	347	eP	26	37.50	-0.1
COP	69.21	342	iP	26	59.00	0.7
	0.7s		32.88nm		5.4mb	
LTX	70.50	67	eP	27	07.70	0.9
BHO	71.41	58	e(P)	27	12.20	0.1
HYB	71.73	275	eP	27	14.00	-0.3
EKA	71.87	350	Pc	27	14.60	0.1
	0.6s		2.70nm		4.4mb	
KSP	72.91	337	eP	27	20.50	-0.2
CLL	73.21	340	iPd	27	22.90	0.5
	1.0s		23.00nm		5.1mb	
POO	73.74	279	eP	27	26.00	0.0
WTS	73.76	344	eP	27	26.50	0.9
	1.0s		11.00nm		4.8mb	
PRU	74.11	338	eP	27	28.20	0.5
			e	27	40.00	40km
MOX	74.13	340	e(P)	27	29.00	1.2
			e	27	39.00	32km
GRF	75.12	340	eP	27	35.00	1.5
KHC	75.14	338	iP	27	34.00	0.3
	1.0s		14.00nm		4.9mb	
			e	27	47.60	47km
ZST	75.17	336	eP	27	35.00	1.2
SRO	75.21	335	eP	27	34.70	0.7
MEM	75.23	344	P	27	34.20	0.1
GBA	75.34	273	P	27	35.00	-0.3
WB2	75 60	206	eP	27	37.20	0.7
SOP	75.78	336	eP	27	38.00	0.7
DOU	75.96	344	P	27	39.40	1.1
WLF	76.12	343	P	27	41.50	2.4
GWF	76.51	342	eP	27	41.00	-0.4
CDF	77.12	342	eP	27	44.90	0.0
	1.1s		11.70nm		4.8mb	
KBA	77.12	338	ePc	27	45.00	0.0
	1.2s		81.30nm		5.6mb	
			i	27	45.80	3kmX
			i	27	46.80	
			i	27	48.50	
			i	28	25.30	
			e	28	47.00	
			i	28	49.10	
SHI	77.25	302	eP	27	44.00	-2.0
HAU	77.68	343	eP	27	47.90	0.0
BSF	77.77	342	eP	27	48.30	-0.2
OSS	78.20	340	eP	27	52.30	1.3
LOR	78.83	344	eP	27	54.30	0.1
	0.9s		5.50nm		4.5mb	
GRC	78.93	345	iPc	27	56.20	1.5
LBF	79.08	344	eP	27	55.60	0.0
SSF	79.09	344	eP	27	55.90	0.3
	0.9s		4.90nm		4.5mb	
MMK	79.25	341	eP	27	57.50	0.7
DIX	79.33	342	eP	27	58.10	0.8
AVF	79.37	344	eP	27	57.50	0.4
	1.0s		12.50nm		4.8mb	
SMF	79.43	344	eP	27	58.00	0.5
	1.1s		10.70nm		4.7mb	
EMS	79.44	342	eP	27	59.20	1.5
DST	79.46	324	eP	27	57.30	-0.5
BGF	79.68	345	eP	27	59.30	0.5
SKO	79.70	330	eP	28	01.50	2.5
TCF	80.05	345	eP	28	01.00	0.2
	1.0s		5.50nm		4.5mb	
MZF	80.06	345	eP	28	01.50	0.7
	1.0s		11.80nm		4.8mb	
LSF	80.19	346	eP	28	02.70	1.2
	0.8s		5.40nm		4.6mb	
OHR	80.68	331	eP	28	02.00	-2.3
YER	81.77	324	eP	28	09.00	-1.0
LRG	82.06	342	eP	28	12.10	0.7
	0.9s		8.10nm		4.8mb	
LMR	82.15	341	eP	28	12.30	0.5
MLS	83.47	345	eP	28	19.70	1.0
CNCB	127.86	66	ePKP	35	00.00	2.1X
	S.D. = 1.2		on 84 of 86 obs.			

% JUN 03, 1985 05h 47m 52.41± 2.36s
40.536 N ±11.8km 26.204 E ±19.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.72	172	iPg	48	06.20	-0.3
			iSg	48	16.20	
KGT	0.84	95	iPg	48	07.60	-1.1
			iSg	48	33.10	
MFT	0.86	73	iPn	48	09.10	0.1
EDC	1.28	98	iPn	48	15.80	-0.4
KCT	1.67	99	ePn	48	24.00	2.2
DMK	1.74	42	iPn	48	22.80	0.0
CTT	1.80	69	iPn	48	23.10	-0.6
	S.D. = 1.3		on 7 of 7 obs.			

& JUN 03, 1985 06h 53m 27.50s
33.040 N 115.970 W
DEPTH = 11.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.5 (PAS).

IKP	0.41	197	iPc	53	35.20	-0.7
BAR	0.69	239	iPc	53	40.00	-1.1
HAY	0.72	23	eP	53	40.70	-0.9
GLA	0.96	89	iPc	53	44.40	-1.3
CPE	0.96	261	eP	53	44.60	-1.1
SL8C	1.09	268	iP	53	46.80	-1.1
SDW	1.82	330	eP	54	00.50	1.5
	7 obs. associated					

JUN 03, 1985 07h 06m 18.78± 1.16s
4.910 N ± 5.9km 75.876 W ± 7.3km
DEPTH = 135.0 ± 11.7 km
5.0mb (18 obs.)
COLOMBIA (103)

BMG	3.52	52	iP	07	14.50	1.4
UPA	5.44	318	iPd	07	32.20	-6.6X
	1.1s		341.77nm		5.5mb	
			S	08	33.00	
UAV	5.97	52	iPd	07	47.20	1.0
	0.5s		111.10nm		5.3mb	
SDV	6.53	53	iPnc	07	54.50	0.5
	0.7s		185.70nm		5.5mb	
TOV	7.74	51	iPnc	08	09.90	-0.2
	0.6s		58.80nm		5.3mb	
CAR	10.46	57	iPnd	08	44.90	-1.6
	0.8s		98.51nm		5.6mb	
SJG	16.20	35	eP	09	58.00	-2.1
ARE	21.67	169	eP	11	00.00	-0.1
PBJ	22.32	302	iPc	11	05.00	-1.1
ZOBO	22.40	160	eP	11	06.50	-1.0
LPB	22.65	160	P	11	09.00	-0.7

03d 07h

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                    eLR   19 10.00
CNCB   22.95 160 iP       11 13.90    1.1
VHO    23.82 303 iPc      11 21.00    0.2
ATB    24.99 109 Pc       11 31.00   -0.7
OXM    27.26 304 iPc      11 54.00    1.2
JCT    33.99 321 eP       12 49.00   -2.6
       1.0s      8.00nm              4.4mb
BAO    34.34 127 e(P)     12 55.10    0.3
FVM    35.49 340 eP       13 04.30    0.1
       0.9s     27.97nm              5.1mb
RLO    35.75 333 ePd      13 05.50   -0.9
LTX    35.80 316 eP       13 06.90   -0.1
       1.3s     10.57nm              4.5mb
TUL    35.89 332 iPd      13 07.30   -0.2
       0.8s     83.30nm              5.6mb
     Z 18s      0.93um               4.6Msz
                e          13 40.80 151kmX
OCO    36.40 330 ePd      13 11.60   -0.2
SOB1   37.58 112 eP       13 21.70   -0.4
       0.9s      4.50nm              4.3mb
                e          13 47.70 114kmX
ITR    39.74 110 eP       13 36.90   -3.0X
MNT    40.48   2 iPc      13 49.00    3.4X
ALQ    41.13 321 eP       13 51.90    0.5
       1.0s     24.75nm              4.9mb
GLD    43.64 327 eP       14 12.80    1.1
       1.1s     36.64nm              5.0mb
LHC    44.83 347 eP       14 22.00    1.1
RMU    45.33 320 eP       14 25.90    0.7
GLA    45.82 313 eP       14 29.00    0.0
RSSD   46.24 332 eP       14 33.20    0.8
       1.0s     21.50nm              4.8mb
TPC    47.22 313 eP       14 40.00   -0.1
BDW    48.09 327 eP       14 46.30   -0.6
       1.0s      9.80nm              4.5mb
RSON   48.17 345 eP       14 46.50   -0.5
GSC    48.34 314 eP       14 49.00    0.2
SBB    48.79 313 eP       14 52.00   -0.2
EUR    49.93 319 iP       15 01.50    0.5
       0.2s     13.40nm              5.4mb
SCH    50.30   7 eP       15 05.00    1.7
BMN    51.25 320 eP       15 10.90    0.0
       1.3s     14.29nm              4.6mb
LRM    51.66 328 ePd      15 13.90   -0.2
SES    54.08 333 eP       15 31.40   -0.2
NEW    55.68 328 eP       15 42.00   -1.2
PNT    57.63 328 eP       15 57.00    0.1
       0.9s     15.00nm              5.0mb
FRB    58.96   4 eP       16 06.00    0.2
YKC    64.09 341 eP       16 40.00   -0.2
       0.8s     10.00nm              4.8mb
YKA    64.14 341 eP       16 40.20   -0.3
KIC    70.76  85 eP       17 23.70    0.9
BBC    75.19 350 eP       17 48.00    0.4
COL    77.95 336 eP       18 03.30    0.2
KHC    85.97  41 eP       18 48.50    3.5X
                e          19 11.50   85kmX
WB2   147.01 240 ePKP      25 46.80    1.1
                e          26 12.70
     S.D. = 0.9  on  47 of  51 obs.

*  JUN  03, 1985  07h 48m 29.84± 0.98s
   18.520 S ± 8.6km   68.662 W ±15.5km
   DEPTH =  10.0km  (geophysicist)
 CHILE-BOLIVIA BORDER REGION      (124)

CNCB    1.82  21 iP      49 00.80   -1.2
                iS      49 34.70
LPB     2.05  15 iPd     49 05.80    0.7
       0.7s   342.47nm
ZOBO    2.30  13 Pd      49 09.50    0.6
       1.0s    95.00nm
TPZ     2.93 181 Pd      49 17.70    0.0
ARE     3.39 307 e(P)    49 24.00   -0.1
     S.D. = 1.0  on   5 of   5 obs.

   JUN  03, 1985  08h 14m 41.16± 0.23s
   52.452 N ± 5.2km  160.411 E ± 3.7km
   DEPTH =  37.1km  ( 16 depth phases)
   5.1mb ( 62 obs.)  5.0Msz (  6 obs.)
 OFF EAST COAST OF KAMCHATKA      (219)
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 12S, 23C
      Centroid Location:
      Origin Time        08:14:43.9 0.6
      Lat 52.41N 0.04 Lon 160.85E 0.10
      Dep  36.8 3.6 Half-duration  2.0
      Moment Tensor; Scale 10**24 D-CM
        Mrr= 1.30 0.05   Mtt=-0.46 0.08
        Mff=-0.84 0.08   Mrt= 0.94 0.13
        Mrf= 1.19 0.14   Mtf=-0.91 0.07
       Principal Axes:
        T  Val=  1.95  Plg=67  Azm=308
        N        0.28      1       39
        P       -2.23     23      129
      Best Double Couple:Mo=2.1*10**24
       NP1:Strike=220 Dip=22 Slip=  91
       NP2:         38     68      89

TSK    21.66 229 eP       19 41.50   11.2X
MDJ    21.73 261 Pd       19 28.70   -2.2
MAT    22.31 233 eP       19 38.00    1.3
       0.7s    99.32nm              5.4mb
     Z 20s      1.06um               4.3Msz
                eS         23 41.00
SRY    22.55 230 eP       19 41.50    2.5
OYM    22.72 230 eP       19 42.20    1.5
CN2    24.68 264 Pc       19 56.00   -3.7X
                PPP        20 45.00
SVW    25.14  53 e(P)     20 04.40    0.4
       0.9s    12.50nm              4.5mb
IMA    26.39  41 e(P)     20 14.90   -0.7
       0.7s     5.00nm              4.2mb
SHK    26.69 239 eP       20 18.50    0.0
SNY    26.93 262 Pc       20 19.00   -1.6
COL    28.75  44 eP       20 36.00   -0.8
     Z 17s      4.42um               5.1MszX
                eS         25 22.00
FBA    28.75  44 eP       20 36.00   -0.8
DL2    29.90 259 eP       20 47.40    0.0
BJI    32.50 265 eP       21 08.50   -1.7
                ePPP       22 33.00
                eS         26 16.00
TIA    34.37 259 eP       21 24.70   -1.7
                sP         21 39.00
                eS         26 48.00
HHC    34.83 270 eP       21 30.00   -0.5
                PP         22 48.00
                eS         26 57.00
SSE    35.60 249 eP       21 35.00   -1.9
TIY    36.23 265 P        21 41.60   -0.8
                PP         23 08.00
NJ2    36.24 252 Pc       21 40.00   -2.3
MBC    37.56  23 eP       21 53.00    0.0
       0.8s    30.00nm              5.2mb
WHN    39.98 255 eP       22 10.50   -3.1X
                sP         22 24.00
ANP    39.98 242 eP       22 17.00    3.2X
XAN    40.79 264 eP       22 17.80   -2.6
QZH    41.78 245 eP       22 29.00    0.6
                pP         22 40.00   39km
                eS         28 49.00
LZH    42.53 271 Pc       22 33.50   -1.3
GTA    42.87 277 Pd       22 36.60   -0.9
                PP         24 15.60
                PPP        24 29.80
YKA    43.51  42 eP       22 42.60    0.5
ALE    43.54   7 ePc      22 42.20   -0.1
       0.7s    18.00nm              4.9mb
YKC    43.57  42 eP       22 42.00   -0.6
       1.2s    32.00nm              5.0mb
CD2    46.10 265 P        23 02.90   -0.4
GZH    46.19 249 eP       23 04.00    0.0
HKC    46.34 248 eP       23 05.00   -0.2
WMO    47.37 290 P        23 12.00   -1.3
GYA    47.55 258 P        23 14.00   -1.0
                pP         23 25.00   38km
BAG    47.69 236 eP       23 14.00   -2.2
PNT    48.11  60 eP       23 18.00   -0.9
       0.9s    19.00nm              5.1mb
QCP    48.94 234 eP       23 28.00    2.4
EDM    49.00  53 eP       23 24.50   -1.3
NEW    50.06  60 eP       23 32.00   -2.0
KMI    50.91 261 Pd       23 40.50   -0.4
                pP         23 50.50   33km
DAG    51.05 360 iP       23 39.50   -1.5
OIZ    51.39 249 iPc      23 46.00    1.7
                pP         23 56.00   33km
                PP         25 50.00
SES    51.86  54 eP       23 46.00   -1.6
WDC    51.91  71 eP       23 48.70    0.7
                e          24 00.00   39km
                e          24 34.00

MIN    52.60  70 eP       23 54.10    0.7
ORV    53.18  71 eP       23 58.00    0.5
FFC    53.33  46 eP       23 58.00   -0.4
       0.8s     4.00nm              4.5mb
KEV    53.49 342 iP       23 57.90   -1.4
       0.7s    24.00nm              5.3mb
                eS         31 40.00
LCCM   54.37  59 eP       24 04.60   -1.8
SXM    54.52  59 eP       24 06.90   -0.6
JAS1   54.90  72 eP       24 11.00    0.8
                i          24 21.60   35km
BMN    55.04  67 eP       24 11.10   -0.3
SOD    55.57 340 iP       24 13.80   -0.8
MNA    55.86  70 eP       24 18.00    0.7
FRI    55.95  72 eP       24 29.00   11.3X
GDH    56.08  14 iPd      24 17.90   -0.4
       1.0s    38.00nm              5.4mb
     Z 20s      1.77um               5.2Msz
                eS         32 10.00
EUR    56.39  67 iP       24 21.00   -0.2
       0.3s     7.31nm              5.2mb
SHL    57.20 270 iP       24 26.00   -1.0
LOE    57.39 256 eP       24 27.00   -1.2
ISA    57.59  72 eP       24 40.00   10.5X
BDW    57.66  61 eP       24 29.30   -0.8
       1.0s     9.40nm              4.8mb
CHG    57.97 259 iPc      24 32.00   -0.2
       1.1s    94.30nm              5.8mb
                eS         32 52.60
CHTO   57.97 259 iP       24 32.10   -0.1
       1.0s    74.50nm              5.7mb
                pP         24 43.90   41km
CLC    57.99  72 eP       24 33.00    0.7
                e          24 44.00   37km
FRB    58.02  23 eP       24 30.00   -2.0
KJF    58.03 338 iP       24 32.00   -0.1
       0.8s   113.00nm              6.0mb
                i          24 42.40   35km
                eS         32 36.00
SBB    58.65  73 eP       24 46.00    9.1X
GSC    58.81  72 eP       24 39.00    0.9
PAS    58.83  73 eP       24 51.00   12.9X
MWC    58.84  73 eP       24 49.00   10.6X
RSSD   59.60  56 eP       24 42.40   -1.2
KKN    59.61 277 eF       24 43.00   -0.8
RSON   59.63  45 eP       24 43.00   -0.5
       1.0s     4.50nm              4.6mb
SUF    59.66 338 P        24 43.00   -0.5
       0.8s   118.50nm              6.1mb
PKI    59.69 277 eP       24 43.60   -0.9
       0.8s    51.00nm              5.7mb
NST    59.70 256 eP       24 44.30    0.1
DMN    59.84 277 eP       24 41.10   -4.4X
TPC    60.10  72 eP       24 47.00    0.1
GLA    61.56  72 eP       24 56.00   -0.9
NUR    61.95 337 iP       24 58.00   -1.0
       0.8s    27.90nm              5.4mb
     Z 16s      3.40um               5.6MszX
                eS         33 20.00
                LR         57 00.00
NNT    62.36 254 eP       25 04.00    1.7
LHC    63.37  44 eP       25 04.50   -4.1X
UPP    64.10 340 iP       25 12.10   -1.1
                i          25 23.00   36km
                iS         33 46.00
NB2    64.21 344 P        25 11.20   -2.8
       0.8s    30.00nm              5.4mb
HFS    64.62 342 eP       25 15.60   -1.0
       0.9s    19.10nm              5.2mb
     Z 16s      2.01um               5.4MszX
                LR         53 19.00
ALQ    64.95  65 eP       25 18.00   -1.3
       1.2s    11.72nm              4.8mb
     Z 20s      0.62um               4.8Msz
BER    65.75 347 iP       25 24.30    0.5
     Z 17s   1538.00um               8.3MszX
SCH    66.16  28 eP       25 25.50   -1.0
SNG    66.19 250 eP       25 29.00    1.8
IPM    68.07 248 ePd      25 40.00    0.9
MHI    68.13 301 eP       25 39.00   -0.4
QUE    68.67 292 eP       25 42.20   -0.8
COP    69.03 341 eP       25 43.00   -1.4
       0.6s    45.33nm              5.7mb
                iS         34 50.00
OCO    69.35  58 e(P)     25 46.70   -0.1
TUL    69.92  57 eP       25 49.70   -0.5
       1.2s    28.90nm              5.2mb
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RLO		70.12	56	eP	25	50.50	-0.9	HAU		77.50	342	eP	26	34.30	0.2	LMR		81.97	341	eP	26	58.80	6.7
LTX		70.71	67	eP	25	55.10	-0.2			0.9s		18.80nm			5.1mb			1.0s		20.00nm			5.1mb
		1.2s		6.67nm			4.5mb	BSF		77.59	342	eP	26	34.80	0.1	CVF		82.21	339	eP	27	00.10	0.7
PSI		70.81	248	ePc	25	56.50	0.6			1.0s		16.20nm			5.0mb			1.0s		8.30nm			4.7mb
HYB		71.46	275	iPd	25	59.10	-0.7	LJU		77.61	336	eP	26	35.20	0.5	CRI		82.75	316	eP	27	04.50	2.1
		1.0s		84.00nm			5.7mb	ZUL		77.61	341	ePd	26	36.50	1.7	MLS		83.30	345	ePc	27	06.10	1.0
HAM		71.61	342	iPc	26	02.00	1.9	SAX		77.64	340	ePd	26	37.40	2.2	EPF		83.35	345	eP	27	06.10	0.7
EKA		71.72	350	P	26	00.00	-0.8	OGA		77.65	339	eP	26	35.00	-0.2			1.0s		28.80nm			5.3mb
		0.7s		7.30nm			4.8mb	KOD		77.67	271	eP	26	35.00	-0.9	JER		83.46	316	eP	27	05.50	-0.6
ESK		71.74	350	e(P)	26	00.00	-0.9	VOY		77.78	337	eP	26	35.30	-0.5	NAU		84.31	221	eP	27	11.00	0.8
MNT		71.97	37	eP	26	02.00	-0.5	FLN		77.86	347	eP	26	35.90	-0.1	LGR		84.32	347	iPd	27	12.50	2.3
JCT		71.98	63	e(P)	26	02.50	-0.3			1.0s		296.00nm			6.3mb X					iPKKP	27	27.00	
	Z	22s		0.81um			5.0Msz	LDF		77.98	347	eP	26	37.70	1.0					iPP	30	09.00	
KSP		72.71	337	eP	26	07.00	0.3			1.0s		12.00nm			4.9mb	PRNI		84.78	315	eP	27	13.50	0.8
		0.9s		22.00nm			5.1mb	GPA		78.00	323	eP	26	36.10	-0.9	TOL		87.06	348	eP	27	25.00	1.2
WIT		72.82	344	eP	26	09.00	1.7	OSS		78.01	340	ePd	26	39.10	2.0					eS	38	06.00	
CLL		73.02	339	iPc	26	07.30	-1.2	BHD		78.06	310	eP	26	37.50	0.1					ePS	39	10.00	
		1.1s		67.00nm			5.5mb					e	26	48.50	36km	MAL		90.21	348	eP	27	32.00	-6.8X
				i	26	19.50	41km	LLS		78.08	340	ePd	26	38.90	1.4					iS	38	34.00	
SPC		73.23	334	eP	26	11.40	1.3	TRI		78.11	337	iP	26	36.00	-1.4	ZOBO		127.55	65	ePKP	33	46.00	1.4
POO		73.46	279	iPd	26	13.00	1.4					eS	36	30.00						LR	17	39.00	
		1.0s		60.00nm			5.5mb					eSP	37	24.00		LPB		127.77	65	PKP	33	46.20	1.4
WTS		73.58	343	eP	26	11.50	-0.3					eSS	41	40.00			Z	20s		0.35um			5.0Msz
		1.0s		38.00nm			5.3mb					eSSS	45	38.00						LR	17	30.00	
JOS		73.78	333	eP	26	13.00	0.0	GRR		78.28	347	eP	26	38.60	0.3	CNCB		128.06	65	PKP	33	47.00	1.5
PRU		73.92	338	P	26	13.00	-0.8			1.0s		16.90nm			5.0mb	TPZ		131.36	70	PKPc	33	56.50	5.1X
		2.5s		157.90nm			5.6mb	VDL		78.34	340	ePd	26	40.40	1.4	SPA		142.27	180	e(PKP)	34	06.20	-3.8X
	Z	13s		3.00um			5.8MszX	VTS		78.36	329	ePd	26	39.00	0.2			S.D. = 1.1		on 195 of 211 obs.			
	N	13s		1.80um				KDZ		78.53	327	iPd	26	40.00	0.1								
	E	13s		2.10um				LPF		78.65	347	eP	26	40.70	0.3	%	JUN 03, 1985 09h 30m 57.61± 0.77s						
				e	26	20.00	22kmX			1.0s		8.80nm			4.7mb		60.742 N ± 5.9km 5.512 E ± 7.9km						
				eS	36	00.00		LOR		78.65	344	eP	26	40.60	0.1		DEPTH = 10.0km (geophysicist)						
MOX		73.94	340	eP	26	14.00	0.1			1.2s		26.70nm			5.1mb		SOUTHERN NORWAY (535)						
		2.6s		260.00nm			5.8mb	GRC		78.76	344	ePc	26	41.20	0.2		DUR 1.8 (BER).						
	Z	14s		1.80um			5.5MszX	LBF		78.91	344	eP	26	42.00	0.1								
	N	17s		2.10um						1.0s		8.10nm			4.7mb	ASK		0.30	211	iPg	31	03.40	-0.5
	E	16s		1.80um				SSF		78.91	344	eP	26	42.10	0.2					iSg	31	07.30	
				e	26	26.50	43km			1.0s		10.80nm			4.8mb	SUE		0.48	311	iPg	31	07.70	0.3
				e	33	56.00		MMK		79.07	341	ePd	26	44.40	1.4					iSg	31	14.60	
				e	35	54.00		MMB		79.11	328	iPc	26	42.00	-1.0	HYA		0.54	37	iPg	31	08.20	-0.3
HOF		74.20	340	iPd	26	15.70	0.2	DIX		79.15	341	ePd	26	45.00	1.5					eSg	31	16.10	
VRI		74.31	328	eP	26	17.00	0.9	AVF		79.20	344	eP	26	43.90	0.5	ODD		0.98	144	ePn	31	16.50	0.2
ENN		74.92	344	eP	26	19.00	-0.5			0.9s		18.70nm			5.1mb					eSn	31	31.00	
		1.0s		65.00nm			5.6mb	DST		79.22	324	iP	26	43.80	0.1	KMY		1.54	185	ePn	31	25.40	0.3
GRF		74.93	340	eP	26	20.00	0.3	ASPA		79.25	205	e(P)	26	35.00	-8.9X					eSn	31	44.00	
	Z	21s		1.00um			5.1Msz	EMS		79.25	342	ePd	26	44.60	0.6			S.D. = 0.5		on 5 of 5 obs.			
				e	26	31.00	36km	SMF		79.26	344	eP	26	44.30	0.5								
				e	26	51.50				1.4s		36.50nm			5.2mb	*	JUN 03, 1985 10h 33m 02.66± 0.51s						
KHC		74.94	338	iPc	26	19.80	0.0	SKO		79.48	330	iPd	26	46.00	1.0		54.187 S ±18.4km 132.458 W ±12.8km						
		0.9s		27.50nm			5.2mb					iS	36	44.00			DEPTH = 10.0km (geophysicist)						
	Z	14s		2.00um			5.6MszX	BGF		79.51	344	eP	26	45.50	0.4		5.2mb (5 obs.) 5.0Msz (1 obs.)						
	N	13s		1.10um						1.0s		11.50nm			4.8mb		SOUTH PACIFIC CORDILLERA (691)						
	E	14s		0.80um				SRS		79.58	328	eP	26	41.70	-3.9X								
				e	26	49.00	115kmX	VAY		79.72	329	iP	26	46.40	0.1	SBA		31.63	201	e(P)	39	28.10	0.8
				S	36	11.00		KNT		79.76	329	eP	26	47.00	0.5	SPA		36.00	180	eP	40	05.90	0.5
ZST		74.97	336	eP	26	20.50	0.7	EZN		79.83	326	eP	26	46.20	-0.7			1.1s		22.62nm			5.0mb
				i	26	35.00	51kmX	TCF		79.88	345	eP	26	47.60	0.5	WAM		55.31	255	eP	42	37.60	-0.8
TNS		74.98	342	eP	26	20.90	0.9			0.8s		7.90nm			4.7mb	CAN		55.87	256	eP	42	43.40	0.9
SRO		75.01	335	eP	26	22.40	2.3	MZF		79.89	345	eP	26	47.90	0.7	TPZ		57.55	82	Pd	43	07.40	12.4X
MEM		75.06	343	P	26	20.00	-0.3			0.8s		19.80nm			5.1mb	ARE		59.90	76	e(P)	43	09.00	-2.3
GBA		75.07	273	Pd	26	20.60	-0.3	MFF		79.93	347	eP	26	47.70	0.4	NNA		60.55	68	eP	43	15.90	0.5
		0.8s		27.40nm			5.3mb			0.8s		6.40nm			4.7mb			1.4s		34.88nm			5.3mb
VKA		75.10	336	iPc	26	21.00	0.4	LSF		80.02	345	eP	26	48.30	0.4	CNCB		61.64	79	P	43	22.90	-0.6
		2.0s		149.00nm			5.6mb			0.8s		18.60nm			5.1mb	LPB		61.79	79	Pc	43	25.10	0.8
BUD		75.12	334	e(P)c	26	21.00	0.3	RTB		80.09	313	iPd	26	50.00	1.6			1.0s		40.00nm			5.5mb
UCC		75.15	345	P+	26	22.00	1.1					i	27	01.00	36km					LR	11	01.20	
CMP		75.38	329	ePd	26	21.00	-1.3	GRG		80.10	329	eP	26	46.80	-1.6	ZOBO		61.98	79	Pd	43	26.20	0.4
SOP		75.58	336	eP	26	24.20	0.8	OUR		80.16	328	eP	26	48.30	-0.3			1.3s		43.38nm			5.5mb
WB2		75.58	205	eP	26	23.70	0.1	BCK		80.38	322	eP	26	50.00	0.0					LR	01	28.00	
DOU		75.79	344	Pc+	26	25.00	0.5	OHR		80.46	330	iP	26	49.90	-0.4	WB2		75.90	256	eP	44	48.80	-2.3
				S	36	10.00		PAIG		80.63	328	eP	26	50.40	-0.7	SOB1		83.52	97	eP	45	32.10	0.0
BUC		75.81	328	ePd	26	23.50	-1.2	RJF		80.95	345	eP	26	53.80	1.0	ITR		85.32	98	eP	45	39.90	-1.2
WLF		75.94	343	P	26	25.20	-0.1			1.0s		12.00nm			4.8mb	ALQ		91.57	21	eP	46	12.00	1.5
MSL		76.07	312	eP	26	26.00	-0.3	CAF		81.23	345	eP	26	55.60	1.3			1.0s		5.00nm			4.8mb
				e	26	37.00	36km			1.0s		20.80nm			5.1mb		Z	20s		0.51um			5.0Msz
CLO		76.24	331	ePd	26	27.00	-0.2	LFF		81.43	346	eP	26	56.50	1.2	BNG		125.08	144	ePKPc	52	04.00	-0.8
GWF		76.33	342	eP	26	27.20	-0.4			0.8s		10.90nm			4.9mb			0.3s		3.00nm			
KBA		76.92	338	iPc	26	31.90	0.7	YER		81.53	323	eP	26	56.50	0.5	NDI		146.61	232	ePKP	52	44.00	0.0
		1.0s		102.10nm			5.8mb	LPO		81.60	345	eP	26	57.50	1.3	DAG		147.32	23	iPKP	52	44.50	0.8
				i	26	40.00	26kmX			1.0s		24.00nm			5.2mb			0.3s		6.49nm			
				i	26	45.30		FRF		81.72	341	eP	26	57.40	0.6	EPF		147.45	90	ePKP	52	46.40	1.4
				i	27	08.50		CDR		81.78	342	ePc	26	58.00	0.8			1.6s		24.80nm			
				i	27	28.50						i	26	58.30	1kmX	LFF		148.79	88	ePKP	52	51.70	4.8X
CDF		76.94	342	eP	26	31.30	0.2					e	27	08.50		LPO		148.91	88	ePKP	52	50.40	3.2X
		1.0s		28.00nm			5.2mb					i	27	18.80		CAF		149.56	89	ePKP	52	51.80	3.6X
SHI		76.96	302	eP	26	31.00	-0.7	LRG		81.88	341	eP	26	58.50	0.9			1.2s		8.90nm			
SLE		77.32	341	ePd	26	35.00	1.8			1.0s		16.60nm			5.0mb	QUE		152.22	218	ePKP	53	02.00	9.2X

03d 10h

OHR 157.90 115 ePKP 53 04.00 4.1X
VAY 158.98 118 ePKP 53 01.40 0.4
S.D. = 1.2 on 18 of 24 obs.

% JUN 03, 1985 10h 59m 44.25± 0.77s
60.415 N ± 6.4km 5.280 E ±10.7km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.7 (BER).

BER	0.04	141	iP+	59 45.00	-1.3
ASK	0.08	328	iPg	59 46.50	-0.2
			iSg	59 48.50	
SUE	0.69	339	iPg	59 58.00	0.1
			eSg	00 08.80	
ODD	0.84	123	ePg	00 01.00	0.6
			eSg	00 12.10	
HYA	0.88	30	ePg	00 01.00	0.0
			iSg	00 14.70	
KMY	1.21	181	iPg	00 06.90	0.2
			eSg	00 22.10	

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

JUN 03, 1985 12h 05m 09.57± 0.39s
52.698 N ± 8.2km 160.056 E ± 6.6km
DEPTH = 33.0km (normal)
4.9mb (30 obs.)
OFF EAST COAST OF KAMCHATKA (219)

MDJ	21.56	260	eP	09 56.50	-1.4
TSK	21.66	228	eP	10 00.60	1.6
DDR	22.26	230	eP	10 05.40	0.4
MAT	22.28	232	iPd	10 04.70	-0.5
	0.7s	42.47nm		5.0mb	
			eS	14 12.00	
OYM	22.71	229	eP	10 10.50	1.0
CN2	24.50	263	Pc	10 24.60	-2.1
TTA	25.03	49	e(P)	10 32.10	0.4
SVW	25.17	53	e(P)	10 30.90	-2.1
IMA	26.35	42	e(P)	10 43.30	-0.8
	0.9s	3.10nm		3.9mb	
SNY	26.76	261	eP	10 46.60	-1.2
COL	28.72	44	eP	11 04.00	-1.4
DL2	29.74	258	P	11 14.80	0.0
TIA	34.20	259	eP	11 54.10	0.3
TIY	36.04	265	P	12 08.90	-0.6
NJ2	36.11	252	P	12 11.00	0.9
MBC	37.42	23	eP	12 21.00	0.4
WHN	39.83	255	eP	12 42.50	1.2
GTA	42.63	277	P	13 04.20	-0.1
ALE	43.33	7	ePc	13 09.40	0.0
	0.7s	7.00nm		4.5mb	
YKA	43.47	42	eP	13 11.10	0.4
CD2	45.91	265	eP	13 29.00	-1.7
WMO	47.08	290	P	13 40.00	0.2
KYH	47.28	117	P	13 44.00	2.5
HIL	47.73	116	P	13 49.00	3.9X
EDM	49.02	53	eP	13 53.00	-1.8
KMI	50.73	260	P	14 07.50	-0.9
DAG	50.80	360	iPd	14 07.00	-1.0
	0.7s	14.38nm		5.1mb	
KEV	53.18	341	iP	14 25.40	-0.6
	0.7s	14.70nm		5.1mb	
SOD	55.27	340	iP	14 39.70	-1.6
EUR	56.50	67	iP	14 50.00	-0.9
	0.2s	1.40nm		4.6mb	
LOE	57.25	255	eP	14 55.00	-1.1
KJF	57.72	338	iP	14 59.00	0.2
BDW	57.73	61	eP	14 57.30	-2.2
	0.9s	1.54nm		4.1mb	
CHG	57.80	259	iPc	14 59.80	-0.1
	1.0s	35.00nm		5.4mb	
CHTO	57.80	259	iP	14 59.90	0.0
	1.0s	35.50nm		5.4mb	
FRB	57.85	23	eP	14 58.00	-1.9
SUF	59.35	337	iP	15 10.60	0.4
	0.7s	55.30nm		5.8mb	
KKN	59.36	277	eP	15 10.60	-0.4
	0.7s	21.00nm		5.4mb	
PKI	59.45	276	eP	15 11.00	-0.7
	0.6s	17.00nm		5.4mb	
NST	59.55	255	eP	15 12.10	0.0
DMN	59.60	277	eP	15 11.60	-1.1
	0.7s	25.00nm		5.5mb	
RSSD	59.65	56	eP	15 11.20	-1.6
	0.9s	3.78nm		4.5mb	
NUR	61.63	337	iP	15 26.00	0.2
	0.9s	33.80nm		5.5mb	
NNT	62.22	253	eP	15 31.20	0.9
			e	19 22.80	
UPP	63.80	340	eP	15 35.00	-5.1X
			i	15 39.60	
NB2	63.92	344	P	15 39.00	-2.0
	0.8s	10.10nm		5.0mb	
HFS	64.32	342	eP	15 43.10	-0.4
	0.7s	6.90nm		4.9mb	
QUE	68.38	292	eP	16 09.10	-0.9
LTX	70.81	67	eP	16 26.50	1.7
HYB	71.22	274	ePc	16 26.50	-0.8
EKA	71.44	350	P	16 28.00	0.0
	1.1s	7.20nm		4.6mb	
KSP	72.40	337	eP	16 35.00	1.2
WIT	72.52	343	eP	16 39.00	4.5X
CLL	72.71	339	iP	16 36.00	0.4
	1.0s	19.00nm		5.0mb	
			e	16 49.00	
WTS	73.28	343	e(P)	16 39.50	0.6
PRU	73.61	338	P	16 44.50	3.6X
MOX	73.64	340	e(P)	16 43.00	1.9
ENN	74.62	343	eP	16 47.50	0.8
KHC	74.63	338	Pc	16 48.00	1.1
	1.0s	10.50nm		4.8mb	
MEM	74.76	343	P	16 48.60	1.1
GBA	74.84	273	P	16 47.00	-1.5
KBA	76.61	337	iPc	16 59.60	1.3
	1.0s	38.70nm		5.4mb	
			i	17 16.10	
CDF	76.64	342	eP	16 58.90	0.6
	0.9s	6.50nm		4.6mb	
SHI	76.65	301	eP	16 59.00	0.2
HAU	77.20	342	eP	17 02.00	0.6
BSF	77.29	342	eP	17 02.30	0.3
LOR	78.36	344	eP	17 08.40	0.7
	1.2s	13.00nm		4.8mb	
AVF	78.91	344	eP	17 11.60	0.9
	1.1s	11.10nm		4.8mb	
SMF	78.96	344	eP	17 11.90	0.8
	1.0s	10.00nm		4.8mb	
TCF	79.58	345	eP	17 15.10	0.7
	1.1s	7.60nm		4.6mb	
MZF	79.59	344	eP	17 15.60	1.1
	0.8s	4.90nm		4.6mb	
LSF	79.73	345	eP	17 16.10	0.9
	0.9s	7.50nm		4.7mb	
CAF	80.93	344	eP	17 23.30	1.6
	1.0s	8.80nm		4.7mb	
LPO	81.31	345	eP	17 25.30	1.7
MLS	83.01	345	ePc	17 34.00	1.5
EPF	83.06	345	eP	17 33.70	0.9
	1.0s	12.00nm		5.0mb	

S.D. = 1.1 on 72 of 76 obs.

JUN 03, 1985 12h 06m 21.13± 0.09s
15.289 S ± 3.4km 173.516 W ± 2.6km
DEPTH = 33.0km (normal)
6.2mb (52 obs.) 6.8Msz (32 obs.)
TONGA ISLANDS (173)
Ms 7.0 (BRK), 6.7 (PAS). Felt (IV) at Apia, Western Samoa.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=265 Dip=79 Slip= 163
NP2: 358 73 11
Principal Axes:
T Plg=20 Azm=221
P 4 312
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 42 No. of sta: 13
Moment Tensor; Scale 10**26 d-cm
Mrr= 0.37 Mtt=-0.01
Mff=-0.36 Mrt=-0.37
Mrf= 0.21 Mtf=-0.95
Principal axes:
T Val= 1.04 Plg=32 Azm=219
N 0.11 58 45
P -1.16 3 310
Best Double Couple:Mo=1.1*10**26
NP1:Strike=359 Dip=66 Slip= 22
NP2: 260 70 154
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 43C M.W.: 10S, 23C
Centroid Location:
Origin Time 12:06:29.7 0.2
Lat 15.41S 0.02 Lon 173.28W 0.02
Dep 46.4 1.3 Half-duration 9.0
Moment Tensor; Scale 10**26 D-CM
Mrr= 0.02 0.01 Mtt= 0.01 0.00
Mff=-0.02 0.00 Mrt=-1.04 0.03
Mrf= 0.01 0.01 Mtf= 0.06 0.00
Principal Axes:
T Val= 1.05 Plg=45 Azm=177
N -0.02 4 271
P -1.03 45 4
Best Double Couple:Mo=1.0*10**26
NP1:Strike=179 Dip= 4 Slip= 178
NP2: 271 90 86

AFI	2.17	51	iPd	06 50.50	-5.2X
NUE	5.09	138	iP	07 34.00	-3.2X
			S	08 26.00	
KRO	7.10	253	eP	08 13.50	8.0X
MBU	7.65	256	iPd	08 22.20	9.1X
SVA	8.19	249	ePc	08 29.20	8.6X
NMS	8.44	250	eP	08 34.60	10.4X
SGE	8.53	253	ePc	08 34.30	8.9X
YSA	8.68	260	ePc	08 37.30	9.8X
NDF	9.01	253	iP	08 41.40	9.5X
RAR	14.32	116	P	09 39.00	-4.6X
			S	12 04.00	
RAO	14.48	196	P	09 46.00	0.4
			S	12 20.00	
PVC	17.59	260	iPc	10 31.20	5.7X
NOU	20.20	247	iPc	10 54.90	-1.1
CRZ	22.76	211	P	11 25.80	4.1X
AFR	22.88	99	iP	11 22.60	-0.4
PAE	23.07	99	iP	11 24.40	-0.5
PPT	23.07	99	iP	11 24.50	-0.4
	1.3s	1030.00nm		6.2mb	
PPN	23.21	99	iP	11 25.80	-0.4
TVO	23.39	99	iP	11 27.80	-0.3
TBI	24.05	113	iP	11 35.20	0.8
	1.5s	1600.00nm		6.3mb	
GNZ	24.43	196	P	11 40.00	2.1
			pP	12 01.00	96kmX
			S	16 05.00	
KRP	24.54	201	P	11 39.00	0.0
			ipP	11 54.00	64kmX
			(PcP)	13 14.20	
PMO	24.73	93	iP	11 40.20	-0.8
	1.3s	1030.00nm		6.2mb	
VAH	24.97	93	iP	11 42.20	-1.1
	1.3s	1265.00nm		6.4mb	
TPT	25.00	93	iP	11 42.80	-0.7
	1.3s	1030.00nm		6.3mb	
RUV	25.21	93	iP	11 44.50	-1.1
	1.3s	1730.00nm		6.5mb	
HNR	26.55	280	eP	11 59.00	0.9
			eS	16 30.00	
MNG	26.99	199	P	11 59.00	-2.9X
			S	16 59.00	
WEL	27.82	199	P	12 08.00	-1.4
Z	20s	167.38um		6.6Msz	
N	22s	103.70um			
E	21s	71.68um			
			(PP)	13 14.00	
			PcP	15 24.00	
			S	17 20.00	
			ScS	22 57.00	
TCW	27.92	200	P	12 08.00	-2.3
MSZ	33.24	204	P	12 57.50	0.2
			PP	13 55.00	
BRS	33.52	243	iPc	12 58.00	-2.0
			i	13 03.00	
			i	13 20.00	
			i	14 23.00	
			i	15 33.00	
			eS	20 00.00	
RAB	35.51	285	eP	13 16.00	-1.2
			eS	18 56.00	
ALOA	35.53	274	eP	13 18.10	0.8
RIV	36.81	233	eP	13 27.00	-0.9
	1.1s	6075.95nm		7.4mb X	
			ePP	14 56.00	
			eS	19 01.00	

			eSS	21 57.00	
RMO	36.84	246	eP	13 27.00	-1.3
	0.8s	439.00nm			6.4mb
RKT	37.13	108	iP	13 30.10	-0.7
	1.5s	1280.00nm			6.6mb
LMG	37.97	275	eP	13 40.00	1.9
CTA	38.56	257	iPd	13 42.90	0.1
	1.0s	66.00nm			5.4mb
			i	15 28.00	
			iS	19 05.00	
			i	22 20.00	
PMG	38.82	274	eP+	13 45.00	0.0
Z	19s	50.35um			6.4Msz
CAN	39.01	232	iPc	13 45.60	-0.9
			eScP	19 49.90	
YOU	39.13	234	eP	13 47.20	-0.2
			eScP	19 48.80	
WAM	39.42	231	eP	13 49.00	-0.8
			eScP	19 49.70	
HON	39.44	23	P	13 56.00	6.0X
CBZ	39.64	197	iPc	13 53.00	1.7
LAT	39.64	278	eP	13 53.00	1.1
OPA	39.77	23	P	13 49.00	-3.8X
CMS	40.39	239	iPc	13 56.80	-1.0
	0.8s	261.00nm			6.0mb
MOM	40.72	285	eP	14 01.50	0.8
TOO	42.45	231	iPc	14 14.20	-0.5
	0.9s	375.00nm			6.1mb
TAU	43.32	223	iPc	14 20.80	-0.9
			eS	21 14.00	
STK	44.00	240	iPc	14 27.10	-0.2
	0.8s	195.00nm			6.0mb
BFD	44.54	232	eP	14 30.00	-1.7
	1.0s	377.00nm			6.2mb
ISO	44.84	256	eP	14 33.00	-1.3
ADE	46.99	236	iPc	14 45.70	-5.5X
WB2	49.75	257	iPc	15 10.70	-2.0
			eScP	19 38.00	
			eS	22 13.80	
ASPA	50.04	252	iPc	15 13.70	-1.3
GUA	50.12	303	eP	15 17.50	1.9
	1.2s	437.50nm			6.4mb
GUMO	50.18	303	eP	15 16.80	0.8
	1.7s	2536.58nm			7.0mb
			eS	22 02.50	
PJG	50.18	303	eP	15 17.30	1.3
MTN	53.63	265	eP	15 40.00	-2.0
	1.0s	425.00nm			6.4mb
KNA	55.46	261	iPd	15 54.60	-0.7
WBN	56.65	249	eP	16 02.00	-1.9
AAI	58.47	275	ePd	16 16.00	-0.8
	1.0s	180.30nm			6.1mb
DRV	59.66	200	eP	16 23.80	-0.4
KLG	61.05	243	eP	16 32.50	-1.8
MBL	63.19	254	eP	16 47.00	-1.7
SBA	63.35	185	iPc+	16 50.80	1.9
	1.3s	861.54nm			6.7mb
Z	18s	37.73um			6.6Msz
MEK	63.82	248	eP	16 52.00	-0.9
	0.5s	26.00nm			5.6mb
KLB	64.19	242	iPd	16 54.80	-0.4
NWAO	64.58	241	eP	16 56.00	-1.7
RKG	64.72	239	eP	16 58.00	-0.6
BAL	65.14	243	eP	17 00.00	-1.4
MUN	65.49	242	eP	17 02.00	-1.6
Z	20s	40.00um			6.6Msz
MRWA	65.86	245	iPd	17 05.50	-0.5
MKS	66.49	271	e(P)	17 08.00	-2.2
KYS	66.71	320	eP	17 11.90	0.7
ADK	66.94	358	eP	17 12.40	0.1
NAU	67.01	252	iPd	17 13.00	-0.4
	0.5s	32.00nm			5.7mb
TOK	67.27	320	eP	17 17.00	2.3
			e	26 22.00	
TSK	67.40	321	eP	17 15.80	0.3
OYM	67.42	319	eP	17 00.60	-15.2X
SRY	67.52	320	eP	17 16.00	-0.4
DDR	67.82	320	eP	17 18.60	0.3
SMY	68.58	352	ePc	17 22.80	0.3
MAT	68.78	320	iPc	17 24.10	-0.1
			eS	26 28.00	
BLP	70.73	44	P	17 35.00	-1.1
SYP	70.99	45	eP	17 37.00	-0.9
PRS	71.12	42	ePc	17 39.50	1.0
GCC	71.13	41	ePc	17 38.40	-0.1
MAN	71.17	292	eP	17 39.50	0.4
PCC	71.17	41	eP	17 38.50	-0.2
SHK	71.18	315	ePc	17 39.30	0.4
SDN	71.21	8	eP	17 36.70	-1.9
SAP	71.30	327	eP	17 41.00	1.6
			eS	26 56.00	
SAO	71.32	42	eP	17 39.40	-0.3
PRI	71.47	43	ePc	17 40.90	0.2
BRK	71.47	41	eP	17 40.00	-0.5
BKS	71.49	41	ePc	17 40.60	-0.1
	1.0s	296.00nm			6.3mb
Z	20s	97.00um			7.1Msz
N	20s	91.00um			
E	20s	18.00um			
			e(PcP)	18 16.40	
			eS	27 00.00	
			eSS	30 58.00	
			eLQ	34 36.00	
			eLR	38 16.00	
MHC	71.54	41	ePc	17 41.20	0.0
LLA	71.56	42	ePc	17 41.20	0.1
ARN	71.62	41	P	17 41.20	-0.3
SLD	71.65	42	P	17 41.30	-0.4
PAS	72.02	46	eP	17 43.00	-0.9
			ePcP	17 57.00	
			ePP	20 22.00	
			ePcS	20 52.00	
			iS	27 06.00	
			eSS	32 07.00	
			eSSS	34 59.00	
			eLg	36 04.00	
			eLR	38 52.00	
SLBC	72.03	47	eP	17 43.40	-0.5
MWC	72.14	46	eP	17 44.00	-0.9
FHC	72.25	37	eP	17 45.60	0.5
BAG	72.27	293	eP	17 44.00	-1.9
			eS	27 27.00	
BAR	72.28	48	eP	17 44.00	-1.5
TRT	72.49	267	iPd	17 47.30	0.2
	1.1s	70.70nm			5.6mb
PLM	72.51	47	eP	17 46.00	-1.0
SBB	72.55	46	eP	17 46.00	-1.1
FRI	72.59	43	iPc	17 46.70	-0.5
ISA	72.65	44	eP	17 47.00	-0.7
JAS1	72.67	41	iPc	17 47.50	-0.2
			i	18 07.50	
			e	45 41.00	
KKM	72.75	281	ePc	17 46.10	-2.6
WDC	72.96	38	iPc	17 49.20	-0.1
			i	18 08.30	
ORV	72.96	40	iPc	17 48.90	-0.5
CLC	73.33	45	eP	17 50.00	-1.6
MIN	73.38	39	ePc	17 51.20	-0.7
TPC	73.48	47	eP	17 52.00	-0.5
GLA	73.80	48	eP	17 55.00	0.6
MNA	74.42	42	iPc	17 58.00	0.0
SPA	74.81	180	iPc	18 01.00	1.1
			e	18 25.50	
KDC	74.82	11	eP	18 00.10	0.4
ANP	74.98	302	iP-	18 06.00	4.5X
			iS	27 44.00	
COR	75.05	35	iPc	18 01.00	-0.3
BMN	76.14	41	iPc	18 08.00	0.2
	1.5s	428.03nm			6.2mb
EUR	76.42	42	iP	18 09.00	-0.5
	1.0s	88.46nm			5.7mb
SEO	76.71	315	iPd	18 13.00	2.2
	0.9s	235.29nm			6.2mb
PHC	77.09	28	ePc	18 12.50	-0.2
	1.2s	333.00nm			6.2mb
QZH	77.30	300	eP	18 19.00	4.6X
SVW	77.47	9	ePc	18 14.00	-0.6
PGC	77.60	31	ePc	18 15.40	-0.1
	1.0s	214.00nm			6.1mb
PIM	78.04	67	iPc	18 13.00	-5.5X
MSU	78.43	45	P	18 21.00	0.3
RMU	78.55	46	eP	18 21.70	0.4
SIT	78.76	20	ePc	18 21.90	0.2
MDJ	78.87	322	Pc	18 23.50	0.9
			S	28 20.00	
PMR	79.03	12	ePc	18 22.70	-0.4
	1.2s	429.70nm			6.3mb
Z	20s	42.00um			6.8Msz
TTA	79.16	8	ePc	18 24.40	0.5
PNL	79.65	17	ePc	18 26.70	0.1
PNT	79.98	32	iPc	18 28.20	-0.4
	1.0s	440.00nm			6.4mb
NJ2	80.01	307	Pc	18 30.00	1.0
			PP	21 40.50	
			S	28 34.00	
HKC	80.06	296	eP	18 31.00	1.5
			eS	28 38.00	
TOA	80.10	13	ePc	18 29.30	0.3
OXM	80.34	67	iPc	18 32.00	0.5
LTX	80.64	56	P	18 33.00	0.4
NEW	80.68	34	iPc	18 31.50	-0.8
Z	22s	40.00um			6.7Msz
IIM	80.80	67	iP	18 34.00	0.2
UNM	80.80	67	iPd	18 35.00	1.2
ALQ	80.81	50	iPc+	18 33.80	0.3
Z	22s	53.70um			6.9Msz
TAC	80.82	67	eP	18 36.00	2.1
IIC	80.88	67	iPd	18 33.20	-1.1
CN2	80.93	320	iPc	18 34.00	0.3
			PP	21 43.50	
			PPP	23 35.00	
			iS	28 43.50	
			SS	34 03.00	
DL2	81.02	314	Pc	18 35.00	0.8
			S	28 45.00	
IIP	81.04	67	iPc	18 35.00	-0.2
GZH	81.05	297	eP	18 36.00	1.3
			sP	19 26.00	
			SKS	28 40.00	
			SS	34 08.00	
SNY	81.12	318	iPc	18 36.00	1.3
			sP	19 23.00	
			iS	28 47.00	
IIT	81.48	68	iP	18 38.80	1.5
LHD	81.53	35	iPc	18 36.60	-0.3
CLX	81.74	35	iPc	18 38.00	-0.1
LDM	81.78	35	iPc	18 37.40	-0.7
YKM	81.79	34	iPc	18 37.70	-0.5
LRM	82.00	38	iPc	18 39.50	0.0
RXF	82.11	35	iPc	18 39.40	-0.5
BDW	82.26	42	iPc	18 40.30	-0.6
COL	82.31	11	iPc	18 40.30	-0.1
Z	20s	63.83um			7.0Msz
			iS	28 53.00	
FBA	82.31	11	ePc	18 40.20	-0.2
	1.3s	193.40nm			6.0mb
VHO	82.32	70	iPd	18 42.00	0.4
IMA	82.47	8	ePc	18 41.90	0.5
QIZ	82.76	292	eP	18 48.00	4.3X
WHN	82.94	304	e(P)	18 43.00	-1.4
TIA	83.05	310	eP	18 45.50	0.6
			sP	19 35.00	
			PP	22 02.00	
			S	29 05.00	
GIE	83.26	89	iP+	18 48.00	1.6
			iS	29 14.20	
PBJ	83.27	71	iPc	18 47.00	0.7
GOL	83.66	46	P	18 48.30	0.0
Z	20s	62.00um			7.0Msz
GLD	83.78	46	eP	18 49.60	0.8
	1.5s	2212.50nm			7.1mb
KGM	83.94	274	ePd	18 50.40	0.5
AIA	84.04	156	eP	18 51.00	1.6
JCT	84.18	56	iP	18 50.10	-0.7
	1.0s	195.00nm			6.2mb
Z	20s	48.94um			6.9Msz
SES	85.17	35	iPc	18 54.70	-0.6
	1.2s	1093.00nm			6.9mb
BJI	85.31	314	eP	18 57.50	1.4
EDM	85.45	32	iPc	18 56.00	-0.6
	1.2s	610.00nm			6.7mb
PPI	86.11	271	eP	19 01.80	1.1
	0.8s	90.80nm			6.1mb
			e(S)	22 23.00	
COM	86.22	72	iPc	19 01.20	-0.1
RSSD	86.45	43	iP	19 01.20	-0.8
	2.0s	1179.24nm			6.8mb
IPM	86.83	276	ePd	19 05.20	1.0
	0.9s	65.60nm			5.9mb
			e	19 38.80	
AAS	87.74	155	eP	19 08.00	0.3
	1.0s	200.00nm			6.4mb
Z	21s	38.00um			6.8Msz
			e	23 36.00	
			e	30 15.00	
			e	30 50.00	
			eS	31 13.00	
			e	37 02.00	
			e	42 25.00	
OCO	87.80	52	ePc	19 08.00	-0.5
MAW	87.86	199	iPc	19 09.30	1.1

03d 12h

GYA	87.89	298	P	19	11.00	1.8	
			SKS	29	28.00		
SNG	87.91	278	eP	19	11.00	1.6	
PSI	88.35	273	ePd	19	11.50	0.0	
	0.8s	55.40nm				5.9mb	
XAN	88.48	306	eP	19	12.60	0.8	
HHC	88.87	313	iPc	19	15.00	1.4	
TSI	88.91	274	ePc	19	16.50	2.3	
TUL	89.22	52	ePc+	19	14.20	-1 0	
	1.0s	410.00nm				6.7mb	
Z	19s	42.60um				6.9Msz	
N	22s	12.32um					
E	22s	10.81um					
			eS	29	47.00		
BHO	89.44	54	iPc	19	15.40	-0.9	
LOE	89.64	288	eP	19	22.00	4.5X	
BTO	89.88	312	iPc	19	20.50	2.2	
			sP	20	11.00		
			SKS	29	38.00		
RLO	89.89	52	ePc	19	17.40	-1.0	
YKA	90.04	23	eP	19	19.10	0.7	
YKC	90.08	23	ePc	19	18.60	0.0	
	1.3s	460.00nm				6.6mb	
NST	90.64	286	eP	19	24.00	1.9	
KMI	90.88	296	Pc	19	24.50	1.1	
LNV	91.29	126	iPd	19	26.10	1.2	
CD2	91.66	301	eP	19	28.50	1.8	
TACH	91.76	125	iPd	19	28.50	1.3	
KHT	91.84	285	e(P)	19	34.80	7.1X	
ROCH	91.93	125	iPc	19	29.70	1.5	
SAN	92.05	125	iPc	19	30.00	1.5	
FFC	92.07	33	iPc	19	26.80	-1.2	
	1.3s	176.00nm				6.3mb	
PCH	92 11	126	iPd	19	30.20	1.3	
PEL	92.13	125	iPc	19	30.60	1.7	
	1.0s	575.00nm				7.0mb	
BACH	92.21	125	iP	19	30.50	1.2	
JACH	92.36	125	iPd	19	31.70	1.6	
FCH	92.38	125	eP	19	32.00	1.6	
OLY	92.44	54	P	19	29.20	-0.9	
CHG	92.57	289	iPc	19	32.20	1.2	
	0.8s	13.43nm				5.4mb	
CHTO	92.57	289	eP	19	32.10	1.1	
	1.2s	14.58nm				5.3mb	
Z	20s	0.39um				4.9MszX	
SYO	92.70	191	iP	19	30.80	0.0	
LZH	93.07	306	Pc	19	34.50	1.3	
NNA	93.19	103	iPc	19	35.40	1.4	
	1.5s	83.33nm				5.9mb	
Z	22s	4.07um				5.8Msz	
FVM	93.95	52	eP	19	35.80	-1.2	
	1.6s	444.12nm				6.6mb	
RSON	95.42	39	P	19	42.00	-1.5	
Z	20s	73.45um				7.2Msz	
ANT	95.49	116	eP	19	46.00	1.5	
UPA	96.13	82	P	19	42.50	-5.0X	
	0.6s	16.00nm				5.7mb	
Z	21s	7.71um				6.2Msz	
			i	21	48.00		
			i	30	22.00		
			i	31	10.00		
ARE	96.84	109	eP	19	52.00	1.0	
GTA	97.02	309	P	19	51.80	0.6	
			PP	23	53.60		
			SKS	30	13.40		
CHI	97.04	49	P	19	50.50	-0.5	
RSCP	97.05	55	eP	19	50.30	-1.1	
LHC	97.53	42	eP	19	51.50	-1.5	
	1.1s	233.00nm				6.6mb	
TCA	97.60	125	ePd	19	55.00	1.0	
TPZ	97.72	115	Pc	20	08.50	13.5X	
PRM	99.34	57	eP	20	01.00	-0.6	
SLA	99.35	119	ePd	20	03.40	1.2	
LPB	99.90	110	Pc	20	07.00	1.9	
			PP	24	09.00		
			LR	52	49.00		
CNCB	99.92	110	iP	20	07.00	1.7	
SHL	100.51	294	ePdiff	20	08.50	1.1	
			eS	30	44.00		
LPA	101.14	131	iPdiff	20	11.60	1.9	
Z	20s	14.18um				6.5Msz	
			eS	31	56.00		
BLA	101.50	54	ePdiff	20	10.90	-0.5	
	2.0s	152.94nm				6.2mb	
Z	20s	44.33um				7.0Msz	
OTT	106.15	47	ePdiff	20	31.00	-0.8	
RSNY	106.92	48	ePdiff	20	35.00	-0.3	

	1.5s	62.36nm				6.4mb	
SKLY	107.05	48	ePdiff	20	36.20	0.4	
MNT	107.63	47	ePdiff	20	37.00	-1.4	
MNT	107.63	47	ePKP	24	36.00	-10.4X	
ALE	107.79	7	ePdiff	20	37.00	-1.3	
	1.0s	9.00nm				5.8mb	
CAR	108.57	84	ePdiff	20	42.00	-1.4	
			iPP	25	12.00		
SJG	110.79	76	ePKP	24	52.00	-1.3	
Z	20s	12.06um				6.5Msz	
KOD	110.84	275	ePdiff	21	02.00	8.3X	
			eSKS	21	34.00		
HYB	111.20	283	ePdiff	21	04.00	9.1X	
HYB	111.20	283	ePKP	24	55.50	1.4	
NDI	113.89	295	ePKP	24	57.00	-1.9	
			eS	33	50.00		
GDH	114.63	20	ePdiff	21	20.00	11.1X	
Z	21s	25.81um				6.8Msz	
VAO	115.32	125	ePKP	25	02.20	0.3	
POO	115.80	283	iPKPd	25	06.00	3.1X	
DAG	117.13	6	iPKPc	25	02.20	-1.5	
	1.0s	16.00nm					
			i	26	07.00		
			i	36	06.00		
BAO	118.04	117	PKPc	25	06.40	-0.9	
			e	25	11.40		
RDJ	118.30	127	iPdiff	21	28.80	2.4X	
QUE	122.89	296	ePKP	25	17.00	0.7	
KEV	124.07	352	ePdiff	22	04.00	13.1X	
SOD	126.32	350	iPKP	25	20.40	-1.2	
			e	38	16.00		
AKU	127.00	12	ePKP	25	24.00	1.1	
	1.5s	200.00nm					
AVY	127.04	231	ePKP	25	24.00	-0.6	
SOB1	127.12	114	ePKP	25	24.10	-0.6	
	1.0s	80.10nm					
			i	25	28.70		
			e	25	36.80		
REY	127.43	15	ePKP	25	11.80	-11.9X	
MHI	128.57	304	ePKP	25	27.00	0.0	
			e	27	32.00		
			eS	37	36.00		
KJF	129.00	348	ePdiff	22	28.00	15.1X	
KJF	129.00	348	ePKP	25	16.00	-10.7X	
	1.2s	193.70nm					
			i	25	26.00		
			ePP	27	32.00		
			ePKS	28	48.00		
			esPP	30	16.00		
			e	34	28.00		
			eSKKP	37	36.00		
			eSS	45	28.00		
ITR	129.49	115	ePKP	25	28.60	-0.6	
	1.4s	93.80nm					
			i	25	32.10		
			e	25	39.70		
			e	25	44.60		
KHI	129.60	302	ePKPc	25	28.60	-0.5	
SUF	130.64	348	iPKP	25	19.50	-10.4X	
SEK	132.06	205	ePKP	25	35.10	1.2	
NUR	132.96	348	ePKP	25	20.00	-14.3X	
	0.9s	101.40nm					
			i	25	35.00		
			iPP	27	54.80		
			ePKS	29	00.00		
			eS	34	52.00		
			iSKKP	38	12.00		
			ePSP	40	00.00		
			e	41	08.00		
			eSS	44	48.00		
EVA	133.01	208	ePKP	25	36.50	0.7	
	1.0s	48.00nm					
BFS	133.66	205	iPKPd	25	36.30	-0.7	
	1.0s	82.00nm					
SLR	134.03	208	ePKP	25	37.20	-0.5	
	1.3s	86.54nm					
NB2	134.19	357	PKP	25	23.80	-13.0X	
	2.0s	283.20nm					
UPP	134.76	352	ePKP	25	29.00	-8.8X	
HFS	134.91	355	ePKP	25	23.90	-14.2X	
	0.5s	6.50nm					
Z	19s	23.72um				6.9Msz	
			LR	11	00.00		
BER	134.96	1	iPKP	25	39.00	0.9	
SHI	135.41	297	ePKP	25	40.00	-0.2	
TAB	138.22	311	ePKP	25	40.00	-5.3X	
EAB	138.35	9	ePKP	25	36.50	-8.2X	

EBH	138.41	8	ePKP	25	36.10	-8.7X	
BUL	138.61	212	iPKPd	25	37.10	-9.4X	
			ePP	28	36.00		
			iSKP	29	23.30		
EAU	138.81	9	ePKP	25	36.90	-8.7X	
MUD	138.86	358	ePKP	25	38.00	-7.6X	
KER	138.87	305	e(PKP)	25	59.00	12.5X	
TET	138.88	222	ePKP	25	40.00	-6.8X	
			e	25	51.00		
			e	28	37.00		
EBL	138.94	8	ePKP	25	37.30	-8.5X	
EKA	139.35	8	PKPd	25	40.50	-6.0X	
	1.2s	10.90nm					
ESK	139.36	8	e(PKP)	25	42.00	-4.5X	
MTD	139.64	219	iPKPd	25	41.00	-7.3X	
DLE	140.72	12	ePKP	25	42.90	-6.1X	
	0.8s	63.00nm					
KRI	140.76	216	iPKPd	25	42.00	-8.4X	
WIN	140.97	196	ePKP	25	55.00	4.3X	
	1.0s	70.00nm					
VAL	141.07	16	PKP	25	49.40	-0.3	
			PKS	29	40.00		
MSL	141.21	310	ePKP	25	44.00	-6.5X	
			ePP	26	03.50		
			e	26	16.60		
			e	29	27.50		
BHD	141.35	305	ePKPc	25	44.00	-6.8X	
			i	29	30.00		
			e	29	41.00		
HAM	141.81	357	iPKPd	25	46.80	-4.2X	
WIT	142.56	360	ePKP	25	50.00	-2.3X	
			e	25	54.00		
LSZ	142.82	216	iPKP	25	50.30	-3.7X	
			i	26	13.70		
DBN	143.26	1	ePKP	25	50.00	-3.5X	
Z	20s	12.00um				6.7Msz	
			iSKP	29	19.00		
			ePPP	33	20.00		
			iPS	39	30.00		
			ePPS	41	33.00		
			eSS	48	20.00		
			eSSS	53	22.00		
WTS	143.38	360	iPKPd	25	50.60	-3.1X	
	1.0s	145.00nm					
KSP	143.66	349	iPKPd	25	51.80	-2.5X	
	1.3s	226.00nm					
CLL	143.69	353	iPKP	25	50.80	-3.5X	
Z	20s	14.00um				6.7MszX	
			i	25	56.00		
			i	26	08.50		
DOC	144.31	336	ePKP	25	54.50	-1.0	
CLI	144.32	335	ePKPd	25	54.00	-1.6	
JCK	144.34	0	ePKPc	25	53.70	-1.6	
SPC	144.37	344	iPKPc	25	55.40	-0.4	
Z	20s	34.40um				7.1Msz	
			e	26	05.90		
			e	29	25.90		
			e	29	58.00		
			e	34	15.90		
			e	36	50.20		
BNS	144.41	359	iPKPc	25	53.90	-1.6	
	1.0s	710.00nm					
PPE	144.45	334	ePKPd	25	54.50	-1.3	
ARO	144.46	269	iPKP+	25	55.00	-1.8	
MOX	144.49	354	iPKPc	25	54.00	-1.7	
	1.8s	515.00nm					
Z	20s	26.90um				7.0Msz	
N	18s	11.40um					
E	20s	15.30um					
			i	25	59.50		
			e	28	44.00		
			ePP	29	20.00		
			ePPP	32	35.00		
			eSKKS	36	00.00		
			eSKSP	39	28.00		
			ePPS	41	52.00		
			eSS	48	30.00		
UCC	144.54	2	PKPc-	25	54.00	-1.7	
			SP	39	36.00		
ENN	144.61	1	ePKPc	25	54.60	-1.3	
	1.2s	411.00nm					
			e	26	07.50		
RTB	144.63	306	iPKPd	25	56.50	0.0	
			iPP	26	11.00		
			i	26	22.50		
			e	29	19.50		
			eS	29	32.00		

SGH	144.65	268	ePKP+	26	10.00	12.9X	CDF	146.96	359	ePKP	26	00.00	0.0	PAIG	151.22	332	ePKP	26	07.10	0.4
SGH	144.65	268	ePKP+	25	57.00	-0.1	FUR	146.98	354	ePKP	26	00.60	0.6	FIR	151.32	353	iPKPc	26	12.00	5.3X
HNM	144.68	338	iPKPd	25	56.00	-0.4		Z 19s		19.60um			6.9Msz	OHR	151.43	337	iPKP	26	06.80	-0.3
MEM	144.77	1	iPKPc	25	55.00	-1.1	BHG	147.23	352	ePKP	25	53.10	-7.3X	LIT	151.60	334	ePKPc	26	07.60	0.2
PRU	144.78	351	iPKP	25	55.00	-1.2	HAU	147.38	0	ePKP	26	00.70	0.1	CDR	151.70	1	iPKPc	26	07.80	0.4
	Z 22s		38.10um			7.1Msz	BSF	147.55	360	ePKP	26	01.10	0.1				e	26	09.50	
	N 22s		31.90um				GPA	147.57	325	ePKP	26	00.00	-1.2				i	26	14.40	
	E 22s		10.30um				SLE	147.57	357	ePKPd	26	01.50	0.6				i	26	15.00	
			PP	29	20.00		GAP	147.68	354	iPKPd	26	01.80	0.7				i	26	18.90	
			PKS	30	16.00		ISK	147.70	327	ePKP	26	01.00	-0.3				i	26	25.30	
			SKS	32	40.00		KBA	147.79	351	iPKPc	26	00.50	-1.0				e	28	11.70	
			SKKS	36	00.00			1.2s		442.70nm							e	30	13.80	
			SS	47	55.00					i	26	03.70		JAU	151.73	11	ePKP	26	08.10	0.5
DAF	144.78	269	ePKP+	25	57.50	0.3				i	26	07.90		KZN	151.73	335	ePKP	26	07.50	-0.1
HOF	144.79	354	ePKP	25	54.70	-1.6				i	26	33.40		FRF	151.82	360	iPKPc	26	08.00	0.5
	Z 20s		17.10um			6.8Msz				i(PP)	29	37.40		EPF	151.86	10	ePKP	26	08.40	0.7
KSU	144.84	268	ePKP+	25	58.00	0.6				e	36	38.00		LRG	151.93	0	iPKPc	26	08.60	0.9
HLD	144.87	268	ePKP+	25	58.00	0.7				e	40	01.00		MLS	152.04	8	ePKP	26	07.50	-0.4
JOS	144.92	344	iPKPc	25	56.00	-0.5	DMK	147.81	329	iPKP	26	01.40	0.0	LMR	152.05	360	iPKPc	26	08.40	0.6
	0.9s		414.30nm				BHL	147.82	310	PKPc	26	02.00	0.2	CVF	152.74	356	ePKP	26	10.40	1.5
CFR	145.04	333	ePKP	25	48.00	-8.8X	AAE	147.86	263	ePKP	26	04.50	1.8X	ATH	152.75	329	iPKPc	26	10.00	1.0
VRI	145.10	335	iPKPc	25	55.00	-1.9	ZUL	147.86	358	ePKPd	26	02.00	0.6	HLW	152.93	307	iPKPc	26	08.00	-1.5
TNS	145.12	358	iPKPc	25	56.10	-0.8	JMB	147.87	331	iPKPc	26	02.00	0.5				iS	36	54.00	
BRD	145.25	334	iPKPd	25	58.00	0.8	PVL	147.96	334	iPKPc	26	02.00	0.4	NPS	153.73	323	ePKP	26	11.20	0.7
DOU	145.25	2	PKPc+	25	56.40	-0.6	GRC	147.96	4	iPKPc	26	02.00	0.5	TOL	153.82	19	iPKP+	26	12.00	1.5
	Z 22s		21.90um			6.9Msz				i	26	05.10					iPKKP	26	33.00	
			SKP	29	28.00		CTT	147.97	328	iPKP	26	01.50	-0.2				i	26	45.00	
			SKKS	36	02.00		LDR	148.04	3	iPKPc	26	02.00	0.3				ePKS	29	20.00	
			SP	39	42.00		SAX	148.04	356	ePKPd	26	02.00	0.0				iPP	30	10.00	
GRF	145.47	355	iPKPc	25	57.70	0.3	SSF	148.23	4	iPKPc	26	02.40	0.5				iSKSP	39	50.00	
	Z 20s		15.00um			6.8Msz	MFF	148.29	9	ePKP	26	02.40	0.3				iPPS	42	53.00	
			e	26	02.00		LBF	148.33	3	iPKPc	26	02.60	0.4				iSS	49	30.00	
			e	26	11.00		LLS	148.45	357	ePKPd	26	03.60	1.0	VLS	154.02	334	ePKP	26	11.00	0.2
VLR	145.70	339	iPKPc	25	58.00	0.0	AVF	148.48	4	iPKPc	26	02.60	0.3	EBR	154.03	10	ePKP	26	11.00	0.3
WLF	145.72	0	PKPc	25	58.00	0.2	OSS	148.55	355	ePKP+	26	03.10	0.4				ePP	30	20.00	
KHC	145.75	352	iPKPc	25	58.00	0.0	LJU	148.61	349	iPKP	26	02.60	0.0	ALI	156.21	14	iPKP-	26	15.00	1.3
	1.0s		339.00nm							i	26	06.70		CRT	156.42	20	iPKPd	26	15.40	1.3
	Z 22s		19.00um			6.8Msz	SMF	148.66	4	ePKP	26	03.00	0.3	MAL	156.55	22	iPKP+	26	14.00	-0.2
	N 22s		13.20um				BGF	148.68	5	iPKPc	26	03.40	0.7				iPKKP	26	30.00	
	E 20s		9.80um				VOY	148.73	350	iPKPc	26	02.40	-0.5				iPP	30	25.00	
			e	26	06.90					i	26	06.50					iPS	40	24.00	
			e	29	27.00					i	27	09.10					iSS	50	12.00	
			e	36	12.00		VDL	148.80	356	ePKP+	26	03.00	-0.2	ALM	157.10	19	iPKPc	26	14.80	-0.1
ISR	145.76	334	iPKPc	25	59.00	0.9	MFT	148.82	329	iPKP	26	03.00	-0.2		2.0s		3.60nm			
NAI	145.80	244	iPKPc	26	03.00	3.7X	EDC	148.85	327	iPKP	26	05.80	2.6X				e	30	24.40	
	1.0s		250.00nm				LSF	148.86	7	iPKPc	26	03.20	0.2	AVE	158.09	33	iPKP	26	17.50	1.3
WET	145.83	353	iPKPc	25	57.90	-0.2	TCF	148.89	6	iPKPc	26	03.40	0.3				i	26	54.00	
	Z 19s		27.80um			7.1Msz	CSS	148.95	314	ePKP	26	08.00	4.5X	BNG	163.96	229	iPKPc	26	23.00	0.1
ZST	146.04	347	iPKPc	25	58.90	0.5	DST	148.98	326	iPKP	26	03.80	0.3		1.2s		166.00nm			
			i	26	03.50		MZF	149.00	5	ePKP	26	03.60	0.4				id	27	17.90	
			i	26	09.00		KGT	149.06	328	iPKP	26	03.00	-0.5				id	31	13.10	
			i	26	31.70		TRI	149.06	350	ePKP	26	02.50	-0.8	KIC	165.86	128	iPKP	26	24.00	-0.4
SRO	146 12	346	ePKP	26	00.00	1.5				i	26	22.00					e	27	23.90	
	N 22s		22.80um							iPP	29	43.00					PP	31	09.70	
	E 22s		14.10um							iSKKS	36	24.00			S.D. = 1.0		on 374 of 453 obs.			
			e(PP)	29	48.00					iPSKS	39	46.00								
VKA	146.13	348	iPKPc	25	58.00	-0.6				iSPP	42	32.00		* JUN 03, 1985 12h 34m 06.98± 1.99s						
	Z 19s		15.30um			6.8Msz				iSS	49	40.00		11.943 S ±21.6km 134.982 E ± 8.9km						
			i	26	00.00					iSSS	55	24.00		DEPTH = 33.0km (normal)						
			i	26	13.10		JER	149.12	307	iPKPc	26	02.00	-1.9	3.9mb (3 obs.)						
			i	26	22.40		BLY	149.27	345	ePKP	26	19.30	15.6X	NORTHERN TERRITORY, AUSTRALIA (591)						
			iPP	29	16.60		BCK	149.28	320	iPKP	26	03.00	-1.0							
			e	39	48.00		DIX	149.29	359	ePKP+	26	05.00	1.0	MTN	3.87	256	iPc	35	05.80	0.2
FLN	146 13	8	iPKPc	25	57.80	-0.7	MMK	149.31	358	ePKPd	26	05.50	1.5				eS	35	46.00	
VIE	146.14	348	iPKP+	25	59.60	1.1	EMS	149.31	359	ePKP+	26	04.80	0.8	KNA	7.12	237	eP	35	52.00	0.4
			i	26	14.20		PLDF	149.32	4	iPKPc	26	04.10	0.3		0.2s		25.00nm			5.8mb X
			i	26	36.80		PYM	149.49	5	iPKPc	26	04.50	0.4	WB2	7.98	184	eP	36	03.70	0.1
			e	29	32.00		STS	149.62	22	iPKPd	26	06.00	1.8X				iS	37	31.20	
			i	40	21.40		RJF	149.79	7	ePKP	26	04.80	0.4	ISQ	9.76	154	eP	36	29.00	0.7
PSN	146.19	331	iPKPc	26	02.00	3.3X	PRNI	149.86	305	ePKP	26	11.00	6.0X				eS	38	17.00	
BUD	146.25	345	iPKPc	25	57.80	-1.0	EZN	150.03	328	iPKP	26	05.20	0.3	ASPA	11.71	185	iPc	36	55.30	0.5
CMP	146.27	336	ePKPd	25	57.00	-1.9	LFF	150.05	8	ePKP	26	05.40	0.6	CTA	13.52	128	eP	37	18.00	-1.0
LDF	146.35	8	iPKPc	25	58.50	-0.4	ELL	150.15	320	iPKP	26	05.50	0.1	WBN	16.19	208	eP	37	52.00	-1.7
GWF	146.39	359	ePKP	25	58.60	-0.4	CAF	150.22	6	ePKP	26	05.80	0.7		0.4s		7.00nm			4.1mb
GRR	146.44	9	iPKPc	25	59.00	0.0	SRS	150.29	333	ePKPc	26	05.90	0.6				eS	40	49.00	
STU	146.54	357	ePKPc+	25	58.50	-0.7	LPO	150.36	8	ePKP	26	06.20	0.9	MBL	17.16	236	eP	38	12.00	6.0X
BUC	146.54	334	iPKPc	26	01.00	1.7	SKO	150.44	337	iPKPc	26	05.80	0.3		0.3s		2.00nm			3.7mb
BUC1	146.62	334	iPKPd	26	00.00	0.6		1.8s		230.00nm							eS	41	07.00	
SOP	146.64	348	iPKPc	25	59.50	0.1	PRK	150.49	328	ePKP	26	11.20	5.6X	MRWA	24.66	223	eP	39	32.00	5.9X
BUH	146.68	358	ePKP	25	59.40	-0.1	KNT	150.55	334	ePKPc	26	05.40	-0.3		0.3s		1.00nm			3.9mb
KMR	146.72	351	iPKP+	25	59.80	0.3	VAY	150.55	335	iPKP	26	05.00	-0.7				eS	43	58.00	
			i	26	13.00		IZM	150.58	325	iPKP	26	06.90	1.0	YOU	25.37	153	eP	39	33.20	0.4
			i	26	19.60		OUR	150.75	332	ePKP	26	05.80	-0.2				e	39	43.60	
			i	26	37.00		YER	150.88	322	iPKP	26	01.80	-4.6X	CAN	26.52	154	eP	39	43.90	0.4
			i	29	34.20		GRG	150.93	335	ePKP	26	06.50	0.2				e	39	53.90	
LPF	146.76	9	ePKP	25	59.70	0.2	THE	150.96	334	ePKPc	26	06.40	0.1		S.D. = 0.9		on 9 of 11 obs.			
CGN	146.78	334	ePKPc	26	02.00	2.3X	PTO	151.11	24	iPKP	26	06.00	-0.5							

03d 13h

JUN 03, 1985 13h 32m 57.60± 0.73s
4.252 S ± 7.5km 143.504 E ± 9.0km
DEPTH = 75.9 ± 11.6 km
4.5mb (3 obs.)
PAPUA NEW GUINEA (202)

WEW	0.70	10	iPd	33 13.30	0.2
LAT	4.22	125	iPd	34 04.70	3.8X
PMG	6.28	145	eP	34 29.00	-0.6
LMG	6.53	135	eP	34 34.00	0.7
ALOA	9.08	132	e(P)	35 08.00	-0.2
MTN	14.91	234	eP	36 25.00	-0.7
			eS	39 01.00	
CTA	15.97	171	iPd	36 46.20	7.1X
	0.9s		10.50nm		4.0mb
WB2	17.97	209	eP	37 04.30	0.3
			eS	40 17.50	
KNA	18.45	231	eP	37 10.00	0.2
ASPA	21.41	205	iPc	37 48.70	7.6X
MAT	40.88	353	(P)	40 33.00	-0.8
	1.0s		10.00nm		4.6mb
KKN	64.46	303	eP	43 29.80	0.9
	0.6s		9.00nm		4.9mb

S.D. = 0.8 on 9 of 12 obs.

* JUN 03, 1985 15h 16m 19.19± 0.81s
8.781 S ±18.3km 123.902 E ±21.2km
DEPTH = 33.0km (normal)
5.1mb (4 obs.)
FLORES ISLAND REGION (286)

MTN	8.17	120	eP	18 20.00	1.6
			eS	19 41.00	
KNA	8.40	146	eP	18 21.00	-0.6
	0.3s		27.00nm		5.9mb
WB2	15.01	139	eP	19 48.80	-1.9
			eS	22 22.00	
WBN	17.45	172	eP	20 23.00	1.2
			eS	23 24.00	
ASPA	17.63	148	eP	20 24.00	0.0
PKI	51.91	315	eP	25 27.50	0.0
	0.6s		23.00nm		5.3mb
KKN	52.13	316	eP	25 29.20	0.1
	0.5s		8.00nm		4.9mb
DMN	52.14	315	eP	25 28.90	-0.3
	0.4s		4.00nm		4.7mb

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

? JUN 03, 1985 16h 17m 45.47± 3.92s
37.315 N ± 9.7km 140.844 E ±46.1km
DEPTH = 10.0km (geophysicist)
HONSHU, JAPAN (227)

FYS	0.53	326	eP	17 56.00	-0.2
			S	18 12.80	
TSK	1.25	208	eP	18 07.20	-1.5
DDR	1.87	226	eP	18 17.80	0.0
			S	18 57.40	
SRY	2.12	217	eP	18 21.80	0.4
KYS	2.19	195	eP	18 22.30	-0.1
MAT	2.25	251	iPc	18 26.30	3.0X
			eS	19 16.00	
OYM	2.29	215	eP	18 25.30	1.4

S.D. = 1.2 on 6 of 7 obs.

JUN 03, 1985 17h 29m 58.01± 0.89s
22.056 S ±24.0km 138.862 W ±42.6km
DEPTH = 0.0km (geophysicist)
5.2mb (4 obs.)
TUAMOTU ARCHIPELAGO REGION (631)

PLM	58.96	21	eP	40 04.00	2.1
MWC	59.37	20	eP	40 05.00	0.3
SBB	59.87	20	eP	40 07.00	-1.0
TPC	59.92	22	eP	40 08.00	-0.4
ISA	60.57	19	eP	40 08.00	-4.7X
GSC	60.76	21	eP	40 15.00	0.9
JCT	64.31	37	iP	40 37.60	-0.2
	1.0s		14.50nm		5.2mb
ALQ	64.49	29	eP	40 38.70	-0.4
	1.0s		7.50nm		4.9mb
BHO	69.99	38	eP	41 12.80	-0.7
TUL	70.60	36	eP	41 17.00	-0.2
	0.8s		14.60nm		5.2mb
LRM	71.69	19	eP	41 24.50	0.5
NEW	72.66	15	eP	41 29.00	-0.4
SES	76.22	18	eP	41 50.00	0.1
EDM	78.16	15	eP	42 00.00	-0.6
YKA	86.44	11	eP	42 43.60	0.3
YKC	86.45	11	eP	42 43.00	-0.3
	0.9s		20.00nm		5.3mb
COL	86.95	356	eP	42 45.00	-0.7
GRF	143.72	33	iPKPc	49 35.30	-1.3
	0.8s		6.00nm		
PRU	145.14	30	PKP	49 38.80	-0.2
	0.9s		24 40nm		
			e	50 13.80	
KHC	145.26	32	iPKPc	49 39 00	-0.3
	1.0s		17.50nm		
OGA	145.31	37	ePKP	49 39.50	-0.2
	0.8s		10.00nm		
KSP	145.33	28	ePKP	49 39.50	0.2
VOY	147.40	36	ePKP	49 45.50	2.5
ZST	147.60	31	i(PKP)	49 46.70	3.6X
BNG	151.96	125	iPKPd	49 58.30	7.5X
	0.7s		6.00nm		

S.D. = 1.0 on 22 of 25 obs.

JUN 03, 1985 17h 56m 51.00± 0.33s
27.990 S ± 4.0km 71.096 W ± 7.5km
DEPTH = 33.0km (normal)
5.4mb (8 obs.)
NEAR COAST OF NORTHERN CHILE (122)

RTCB	4.02	151	iPd	57 54.40	2.6X
			(S)	58 41.70	
RTLL	4.04	146	iPc	57 54.30	2.2
			S	58 42.70	
ZON	4.12	150	eP	57 55.00	1.7
ANT	4.31	8	iPd	57 54.80	-1.1
CFA	4.38	146	ePc	57 58.90	2.0
			S	58 53.40	
RTCV	4.45	151	iPd	58 00.00	2.0
			S	58 54.00	
JACH	4.70	175	iP	58 01.10	-0.4
CYA	4.70	97	iPc	58 03.80	2.3
			S	58 56.00	
ROCH	4.97	179	iPd	58 04.00	-1.5
PEL	5.15	176	iPc	58 07.20	-0.7
FCH	5.36	173	eP	58 11.40	0.2
BACH	5.37	175	iPc	58 10.40	-0.6
SAN	5.46	176	iPc	58 10.80	-1.4
PCH	5.63	175	iP	58 13.70	-1.0
TACH	5.65	179	iPd	58 13.20	-1.6
			i(S)	59 25.50	
TPL	5.92	8	iPd	58 16.30	-2.4
CHCH	5.94	176	eP	58 17.00	-2.0
LNV	5.95	183	iPd	58 15.70	-3.4X
SLA	5.98	58	ePc	58 22.90	3.1X
TCA	6.57	122	iPd	58 27.20	-0.7
			S	59 37.00	
RFA	7.12	162	ePc	58 34.60	-1.0
			S	00 42.50	
YJA	7.70	42	ePd	58 44.20	0.1
ARE	11.48	358	eP	59 30.00	-6.0X
			eS	00 20.00	
LPB	11.73	14	(P)	59 34.50	-5.0X
	Z 18s		1.37um		
			LR	03 36.00	
ZOBO	11.98	14	Pd	59 40.80	-2.3
	0.4s		12.04nm		5.4mb
	Z 24s		1.23um		
			LR	03 48.00	
VBA	12.61	145	eP	59 48.00	-2.9X
VAO	22.32	83	eP	01 46.60	-0.8
			e	01 58.40	
			e	02 01.30	
			e	02 02.60	
			e	02 04.50	
BAO	24.67	65	eP	02 09.60	-0.8
			e	02 27.20	
SOB1	34.02	63	eP	03 33.30	-0.9
	0.5s		3.90nm		4.6mb
			e	03 44.50	
			e	03 53.20	
ITR	36.25	64	ePc	03 51.90	-1.3
	0.7s		14.40nm		5.0mb
			e	03 54.10	
			e	03 57.60	
			e	04 03.70	
			e	04 08.90	
SJG	46.08	7	eP	05 07.00	-6.7X
SPA	62.17	180	iPc	07 10.30	-1.0
	0.9s		35.91nm		5.5mb
JCT	64.28	333	iP	07 26.00	0.6
BHO	65.99	339	eP	07 36.20	0.0
TUL	67.69	338	iP	07 47.20	0.2
	0.7s		46.10nm		5.7mb
			e	07 57.40	
SBA	69.11	191	e(P)	07 52.00	-3.4X
ALQ	70.96	330	eP	08 07.80	0.4
	1.0s		5.00nm		4.5mb
GLA	73.55	323	eP	08 24.00	1.4
GSC	76.32	323	eP	08 40.00	1.5
SBB	76.41	322	eP	08 40.00	1.0
ISA	77.49	322	eP	08 46.00	1.1
LHC	77.78	348	eP	08 46.00	-0.2
			pP	09 00.00	49kmX
EUR	79.09	326	iP	08 55.30	1.4
LRM	82.50	332	eP	09 12.90	1.1
BFS	84.16	117	eP	09 19.20	-1.5
	0.5s		36.62nm		5.8mb
KSR	84.73	116	eP	09 22.50	-1.1
SES	85.69	336	ePc	09 27.50	0.0
EDM	88.82	336	ePc	09 41.90	-0.7
BUL	88.87	112	iPd	09 43.90	0.1
KRP	89.52	227	P	09 47.70	1.3
KRI	91.32	110	iPd	09 55.00	-0.2
BNG	91.74	86	iPd	09 57.80	0.8
	0.9s		34.00nm		5.8mb
			id	10 09.80	
MTD	92.98	111	iPd	10 04.00	1.2
YKC	96.59	341	eP	10 18.00	-0.1
YKA	96.64	341	eP	10 18.80	0.4
WB2	126.36	210	ePKP	15 51.20	-1.5
KOD	145.60	115	ePKP	16 28.70	0.1
POO	146.55	99	ePKP	16 31.50	1.8
GBA	147.41	110	PKPd	16 33.10	2.0
	0.6s		21.20nm		
HYB	150.17	104	ePKPc	16 40.00	4.6X
	0.8s		35.60nm		
			e	16 53.50	
PPI	150.56	162	ePKP	16 41.20	5.1X
	0.8s		49.30nm		
PSI	153.10	158	ePKP	16 46.00	6.2X
KGM	153.63	167	ePKPd	16 47.80	7.3X
MAT	153.87	296	ePKP	16 48.00	7.8X
	0.8s		7.46nm		

S.D. = 1.3 on 51 of 64 obs.

% JUN 03, 1985 18h 26m 21.61± 0.86s
60.347 N ± 6.7km 5.312 E ±11.5km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.6 (BER).

ASK	0.15	337	iPg	26 25.10	0.1
			eSg	26 27.20	
SUE	0.76	339	iPn	26 36.90	0.4
			iSn	26 48.00	
ODD	0.79	120	ePg	26 37.50	0.6
			eSg	26 51.80	
HYA	0.93	27	iPn	26 38.60	-0.7
			iSn	26 56.00	
KMY	1.14	182	iPn	26 42.50	-0.4
			eSn	26 57.20	

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

JUN 03, 1985 18h 32m 53.30± 0.17s
78.202 N ± 3.4km 126.397 E ± 2.5km
DEPTH = 10.0km (geophysicist)
5.1mb (57 obs.) 4.7Msz (5 obs.)
EAST OF SEVERNAYA ZEMLYA (654)

ALE	19.39	3	ePd	37 20.80	-0.7
	0.8s		24.00nm		4.5mb
MBC	21.58	36	eP	37 45.00	0.7
	1.0s		61.00nm		5.0mb
DAG	24.02	341	iPc	38 08.00	-0.4
	0.9s		15.13nm		4.6mb
IMA	24.75	74	eP	38 16.30	0.6
	1.1s		28.10nm		4.8mb
KEV	25.08	306	iP	38 19.00	0.3
	1.1s		153.60nm		5.6mb
COL	26.94	70	eP	38 36.50	0.6
TTA	27.08	79	P	38 37.60	0.3
SOD	27.27	304	iP	38 38.70	-0.3
PWA	29.47	75	e(P)	38 58.50	-0.3
	0.7s		20.00nm		5.0mb
KJF	29.97	300	iP	39 03.00	-0.3
	1.1s		55.20nm		5.3mb

eS 44 04.00
SUF 31.61 300 iPc 39 17.40 -0.3
0.9s 19.10nm 5.0mb
NUR 33.93 300 iP 39 37.90 -0.1
1.2s 31.80nm 5.1mb
Z 18s 1.20um 4.7Msz
eS 45 00.00
LR 57 00.00
YKA 34.88 45 eP 39 46.10 0.0
RSNT 34.89 45 P 39 45.80 -0.4
YKC 34.91 45 eP 39 45.00 -1.3
1.2s 32.00nm 5.1mb
NB2 35.68 311 P 39 51.60 -1.4
1.1s 11.30nm 4.7mb
UPP 35.77 305 iP 39 52.80 -0.8
HFS 36.15 308 eP 39 55.60 -1.3
1.1s 13.00nm 4.7mb
Z 15s 1.39um 4.9MszX
LR 53 21.00
SNY 36.51 184 Pd 39 59.40 -0.6
ePP 41 26.00
eS 45 34.00
WMQ 37.68 228 P 40 09.50 -0.5
HHC 37.95 198 eP 40 13.00 0.7
FRB 38.00 11 eP 40 12.00 -0.3
BJI 38.51 193 eP 40 17.00 0.2
DL2 39.46 186 eP 40 23.30 -1.5
MUD 40.38 310 iPc 40 32.20 0.0
0.8s 19.00nm 4.8mb
TIY 41.02 197 e(P) 40 39.00 1.2
EDU 42.06 320 iPc 40 46.50 0.5
1.0s 39.00nm 5.1mb
MAT 42.07 166 (P) 40 48.00 1.7
eS 47 24.00
ELO 42.23 321 iPc 40 47.90 0.5
1.0s 44.00nm 5.1mb
TIA 42.28 191 eP 40 47.80 -0.2
eS 47 04.00
EBH 42.42 321 iPc 40 49.40 0.5
EAB 42.58 321 eP 40 49.60 -0.7
ESY 42.62 320 ePc 40 50.90 0.3
1.2s 35.00nm 5.0mb
EAU 42.80 320 ePc 40 52.60 0.5
EBL 42.82 320 ePc 40 52.60 0.4
1.0s 24.00nm 4.9mb
EKA 43.26 320 Pd 40 54.50 -1.3
1.0s 24.40nm 4.9mb
LZH 43.30 207 eP 40 57.00 0.5
PP 42 34.50
EDM 43.98 48 iP 41 02.00 0.3
FFC 44.13 39 iPc 41 02.40 -0.4
1.1s 12.00nm 4.7mb
WIT 44.30 311 eP 41 06.00 1.8
KSP 44.61 302 ePd 41 07.30 0.5
1.3s 51.00nm 5.3mb
CLL 44.72 305 iPd 41 07.90 0.2
1.4s 48.00nm 5.2mb
XAN 44.91 201 eP 41 08.70 -0.7
WTS 45.07 311 ePc 41 11.50 1.1
1.0s 16.00nm 4.9mb
SPC 45.49 298 iP 41 15.00 0.9
MOX 45.60 306 iP 41 15.50 0.8
1.7s 75.00nm 5.4mb
PRU 45.73 303 Pd 41 16.50 0.7
Z 18s 0.80um 4.7Msz
N 17s 0.80um
E 17s 0.30um
e 41 40.70
e 43 39.00
HOF 45.87 306 eP 41 17.50 0.6
1.5s 64.00nm 5.4mb
ENN 46.40 311 eP 41 19.50 -1.4
1.0s 13.00nm 4.9mb
MEM 46.54 311 P 41 22.50 0.5
GRF 46.58 306 ePd 41 23.50 1.0
1.4s 46.00nm 5.3mb
Z 18s 0.50um 4.5Msz
KHC 46.73 304 iPd 41 24.50 0.8
1.2s 30.00nm 5.2mb
Z 14s 0.40um 4.5MszX
N 13s 0.40um
E 14s 0.50um
e 42 33.20
e 43 14.00
WET 46.83 304 iPc 41 25.90 1.4
1.5s 35.00nm 5.2mb
ZST 47.02 300 iP 41 27.40 1.5

SES 47.08 47 eP 41 26.40 0.0
SRO 47.17 299 eP 41 29.00 1.9
WLF 47.43 310 P 41 30.40 1.3
VRI 47.47 291 eP 41 30.00 0.4
SOP 47.61 301 ePd 41 31.60 1.0
1.4s 31.10nm 5.2mb
GWF 47.86 309 eP 41 32.40 -0.2
MLR 47.99 291 eP 41 34.50 0.7
FUR 48.05 305 iPc 41 35.20 1.1
NEW 48.18 53 eP 41 36.00 0.8
0.9s 21.60nm 5.2mb
BHG 48.21 304 eP 41 29.30 -6.0X
CMP 48.37 292 ePc 41 37.00 0.4
CD2 48.44 206 P 41 37.20 -0.1
CDF 48.47 309 eP 41 37.60 0.2
1.0s 20.00nm 5.1mb
KBA 48.75 303 eP 41 37.00 -2.7
1.1s 52.60nm 5.5mb
i 41 41.10
i 41 47.80
SLE 48.90 308 eP+ 41 40.90 0.3
CLO 48.99 294 eP 41 42.00 0.7
HAU 49.01 310 eP 41 41.40 -0.1
BSF 49.11 309 eP 41 42.00 -0.4
ZUL 49.19 308 eP+ 41 43.40 0.5
SAX 49.26 307 eP+ 41 44.40 0.7
OGA 49.35 305 iPc 41 44.50 0.1
1.2s 19.00nm 5.0mb
LJU 49.55 302 eP 41 46.00 0.4
VOY 49.67 302 eP 41 46.30 -0.4
OSS 49.68 306 eP+ 41 47.80 1.0
LLS 49.69 307 eP+ 41 47.80 0.9
GRR 49.73 316 eP 41 46.60 -0.3
MHI 50.06 256 eP 41 50.00 0.2
LPF 50.10 316 eP 41 49.60 -0.2
1.2s 35.20nm 5.2mb
LOR 50.12 312 eP 41 49.20 -0.8
1.2s 24.90nm 5.1mb
GRC 50.21 312 iPc 41 50.60 -0.1
SSF 50.37 312 eP 41 51.40 -0.5
1.2s 20.80nm 5.0mb
LBF 50.38 311 eP 41 51.40 -0.6
1.1s 32.50nm 5.2mb
PVL 50.39 291 iPc 41 51.00 -1.1
MMK 50.65 308 eP+ 41 55.50 1.2
AVF 50.66 312 eP 41 53.60 -0.5
1.2s 19.80nm 4.9mb
DIX 50.71 308 eP+ 41 55.70 0.8
SMF 50.73 311 eP 41 54.00 -0.6
BGF 50.97 312 eP 41 56.00 -0.4
1.0s 19.20nm 5.0mb
TAB 51.03 269 eP 41 59.00 1.8
TCF 51.33 313 eP 41 58.60 -0.6
1.0s 11.10nm 4.7mb
MFF 51.37 315 eP 41 59.40 -0.1
LSF 51.47 313 eP 41 59.80 -0.4
PLD 51.49 291 eP 42 02.00 1.6
KDZ 51.81 291 iPc 42 03.00 0.1
SKO 52.24 294 eP 42 05.00 -1.1
RJF 52.39 313 eP 42 06.80 -0.5
1.0s 16.00nm 4.9mb
VAY 52.65 293 eP 42 09.00 -0.2
CAF 52.68 312 eP 42 09.40 0.0
1.2s 19.00nm 4.9mb
LFF 52.87 314 eP 42 10.60 -0.2
1.0s 9.70nm 4.7mb
LPO 53.05 313 eP 42 12.00 -0.1
1.0s 25.60nm 5.1mb
OHR 53.19 295 eP 42 10.40 -2.9
HPI 53.27 51 P 42 14.40 0.3
FRF 53.29 308 eP 42 13.00 -0.9
1.0s 10.00nm 4.7mb
CDR 53.32 309 ePc 42 13.60 -0.6
LRG 53.44 308 eP 42 14.60 -0.4
1.2s 18.50nm 4.9mb
LMR 53.53 308 eP 42 15.00 -0.7
1.0s 5.10nm 4.5mb
KKN 53.76 226 eP 42 17.60 -0.2
1.0s 54.00nm 5.5mb
CVF 53.89 306 eP 42 17.80 -0.6
1.2s 8.60nm 4.6mb
PKI 53.95 226 eP 42 19.10 -0.2
1.4s 52.00nm 5.4mb
DMN 53.96 226 eP 42 19.40 0.1
0.9s 47 00nm 5.5mb
FHC 54.23 62 ePc 42 22.10 1.2
KMI 54.26 207 eP 42 20.00 -1.5

QUE 54.54 246 eP 42 23.00 -0.5
WDC 54.71 61 ePc 42 24.60 0.2
BDW 54.73 48 P 42 24.30 -0.6
EPF 54.79 313 eP 42 24.00 -1.0
MIN 55.10 60 ePc 42 27.70 0.2
BMN 55.78 56 P 42 32.80 0 4
ORV 55.89 60 ePc 42 32.70 -0.2
OTT 55.94 19 eP 42 33.00 -0.2
EUR 56.92 55 iP 42 41.20 0.5
0.2s 27.35nm 5 9mb
BRK 57.39 61 eP 42 43.30 -0 3
BKS 57.39 61 eP 42 45.00 1 3
1.0s 35.00nm 5 3mb
MNA 57.57 57 ePc 42 45.80 0 7
JAS1 57.66 59 iPc 42 46.60 1 0
MHC 58.01 61 eP 42 48.90 0 7
ARN 58.03 61 P 42 48.00 -0.2
SLD 58.35 60 P 42 51.00 0.6
GOL 58.38 45 P 42 50.00 -0.9
PRI 59.36 60 ePc 42 59.10 1.5
CLC 60.21 57 eP 43 04.00 0.6
GSC 60.85 57 eP 43 08.00 0.2
SBB 61.27 58 eP 43 10.00 -0.6
MWC 61.68 58 eP 43 14.00 0.4
BAG 61.88 186 eP 43 13.00 -2.0
TPC 62.15 56 eP 43 17.00 0.5
ALQ 62.88 47 eP 43 20.50 -1.0
1.0s 15.00nm 5.1mb
RLO 63.25 37 eP 43 21.70 -2.0
GLA 63.38 55 eP 43 25.00 0.3
TUL 63.41 38 ePc 43 23.00 -1.7
1.4s 47.40nm 5.5mb
Z 20s 0.63um 4.8Msz
e 43 38.40
BHO 65.03 37 eP 43 34.60 -0.7
JCT 68.23 42 iP 43 54.80 -0.9
1.0s 40.50nm 5.6mb
Z 20s 0.74um 4.9Msz
LTX 68.80 46 P 43 58.00 -1 4
GBA 68.89 232 P 44 05.00 5 1X
0.6s 7.70nm 5.1mb
S.D. = 0.9 on 146 of 148 obs.

? JUN 03, 1985 19h 06m 58.17± 2.43s
10.719 S ±10.0km 40.811 E ±33.7km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
TANZANIA (573)

NAI 10.19 337 eP 09 25.00 -0 5
1 0s 25.00nm 5.4mb X
MTD 10.80 235 iPnc 09 34.00 0 3
iSn 11 26.00
iLg 12 35.00
KRI 12.45 240 iPn 09 55.00 -1.2
iS* 12 11.00
LSZ 13.11 248 iP 10 09.00 4.2X
i 10 12.40
iS 12 29.30
i 12 32.80
BUL 15.03 230 iPnc 10 30.40 0.3
eSn 13 10.00
iS* 13 21.00
e 14 59.00
SLR 19.07 217 eP 11 22.00 1.1
S 15 08.00
KSR 20.01 219 e(P) 11 31.00 -0 3
SEK 21.44 213 iPd 11 45.10 -0 8
WIN 25.55 240 e(P) 12 40.50 14 5X
BNG 26.79 303 ePc 12 38.50 1.1
0.6s 4.00nm 4.2mb
S.D. = 1.0 on 8 of 10 obs

? JUN 03, 1985 19h 20m 35.47± 6 41s
39.596 N ±42.8km 20.794 E ±37.5km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

LIT 1.40 68 ePnc 21 01.30 0.3
eSn 21 26.70
OHR 1.51 0 iPn 21 01.40 -1.3
GRG 1.83 42 ePn 21 07.20 -0.1
VAY 2.19 38 iPn 21 11.60 -0.8
KNT 2.24 45 ePn 21 13.00 -0 2
PAIG 2.25 81 ePn 21 13.30 0 0
SKO 2.42 11 iPn 21 17.80 2 1
iSn 21 47.00

03d 19h

OUR 2.56 72 ePn 21 17.70 0.1
S.D. = 1.2 on 8 of 8 obs.

• JUN 03, 1985 19h 22m 49.39± 3.09s
51.230 N ±23.6km 15.986 E ±17.4km
DEPTH = 10.0km (geophysicist)
POLAND (548)

KSP 0.43 153 iPd 22 58.10 -0.1
iS 23 06.70
PRU 1.55 217 Pn 23 17.10 0.1
Pg 23 18.90
Sn 23 35.70
Sg 23 43.00
CLL 1.88 274 i(Pg) 23 22.10 0.3
iSg 23 48.50
KHC 2.61 217 Pn 23 33.00 0.6
Pg 23 38.50
Sn 24 07.00
Sg 24 19.50
HOF 2.77 252 ePn 23 41.50 6.9X
MOX 2.83 260 ePg 23 42.00 6.6X
iSg 24 22.00
WET 2.89 225 iPnc 23 36.20 -0.1
VKA 2.98 176 iPnc 23 46.40 8.9X
iSn 24 29.60
GRF 3.41 245 ePn 23 42.80 -0.9
e(Pg) 23 56.30
eSg 24 40.70
S.D. = 0.7 on 6 of 9 obs.

• JUN 03, 1985 19h 26m 21.17± 2.07s
10.946 S ± 9.5km 40.528 E ±26.0km
DEPTH = 33.0km (normal)
TANZANIA (573)

NPA 4.30 197 eP 27 26.00 0.0
eSn 28 18.00
eSg 29 55.00
TET 8.51 232 eP 28 26.00 0.9
eSn 29 55.00
eSg 31 32.00
NAI 10.30 339 eP 28 50.00 0.0
1.0s 35.00nm 5.6mb X
MTD 10.44 235 iPn 28 52.00 0.2
KRI 12.10 240 iPn 29 14.00 -0.4
eSn 31 30.00
BUL 14.67 230 ePn 29 47.70 -0.7
S.D. = 0.7 on 6 of 6 obs.

• JUN 03, 1985 20h 11m 56.14± 0.47s
7.803 S ± 9.0km 13.473 W ± 8.4km
DEPTH = 10.0km (geophysicist)
4.8mb (14 obs.) 4.8Msz (2 obs.)
ASCENSION ISLAND REGION (408)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 29C
Centroid Location:
Origin Time 20:12: 6.5 0.8
Lat 7.68S 0.06 Lon 13.48W 0.07
Dep 10.0 FIX Half-duration 1.6
Moment Tensor; Scale 10**24 D-CM
Mrr=-1.05 0.04 Mtt=-0.08 0.06
Mff= 1.13 0.07 Mrt= 0.10 0.16
Mrf=-0.89 0.22 Mtf=-0.21 0.04
Principal Axes:
T Val= 1.48 Plg=19 Azm= 81
N -0.12 2 172
P -1.37 71 267
Best Double Couple:Mo=1.4*10**24
NP1:Strike=168 Dip=26 Slip= -94
NP2: 353 64 -88

KIC 16.55 32 eP 15 50.90 0.9
ITR 24.71 266 eP 17 19.20 0.2
e 17 26.20
e 17 38.40
SOB1 27.15 265 eP 17 41.20 -0.6
BNG 34.13 70 iPd 18 44.40 0.3
1.6s 65.00nm 5.3mb
id 18 46.50
LSZ 41.43 104 iP 19 46.50 1.5
i 22 34.80
BUL 42.52 111 iPc 19 52.10 -1.8
KRI 42.96 106 eP 19 57.00 -0.5
MTD 44.83 106 eP 20 12.00 -0.6

EPF 52.13 13 eP 21 09.00 0.1
1.5s 20.80nm 4.8mb
CNCB 53.86 255 P 21 23.00 0.3
LPO 53.89 13 eP 21 21.60 -0.2
LPB 53.96 255 eP 21 22.00 -1.3
LR 37 10.00
ZOBO 53.97 256 Pc 21 25.00 1.5
2 0s 44.64nm 5.1mb
LR 37 14.00
LFF 54.03 12 eP 21 22.50 -0.3
LMR 54.04 18 eP 21 22.70 -0.2
LRG 54.10 18 eP 21 23.20 -0.1
CDR 54.13 17 ePd 21 15.70 -7.8X
FRF 54.29 18 eP 21 24.40 -0.3
CAF 54.32 14 eP 21 24.50 -0.5
RJF 54.55 13 eP 21 25.90 -0.8
LSF 55.45 13 eP 21 32.70 -0.6
1.0s 10.00nm 4.8mb
TCF 55.64 13 eP 21 34.50 -0.1
1.1s 5.40nm 4.5mb
BGF 56.04 14 eP 21 37.00 -0.4
1.3s 11.80nm 4.8mb
CAR 56.23 288 e(P) 21 40.00 0.5
SMF 56.36 14 eP 21 39.20 -0.6
AVF 56.38 14 eP 21 39.20 -0.7
SSF 56.67 14 eP 21 41.30 -0.7
1.5s 26.10nm 5.0mb
LBF 56.71 14 eP 21 41.50 -0.8
1.5s 16.40nm 4.8mb
GRC 56.79 13 iPc 21 45.40 2.6
LOR 56.95 14 eP 21 42.90 -1.1
1.2s 8.90nm 4.7mb
OHR 57.97 30 eP 22 07.00 15.7X
BSF 58.22 16 eP 21 51.60 -1.4
HAU 58.26 16 eP 21 52.20 -1.0
TRI 58.59 22 e(P) 21 58.90 3.4X
e(S) 30 00.00
e(SS) 34 00.00
VOY 58.92 22 eP 22 00.00 2.1
SKO 58.93 30 eP 21 59.00 1.1
S 30 10.00
LJU 59.16 22 e(P) 22 01.70 2.2
MEM 60.58 14 Pc 22 10.20 1.2
ENN 60.70 14 eP 22 13.00 3.1X
KHC 61.45 20 P 22 16.50 1.4
Z 22s 0.60um 4.7Msz
e 24 33.00
ZST 61.93 23 eP 22 21.00 2.7X
WTS 62.05 14 eP 22 18.00 -1.0
1.0s 8.00nm 4.9mb
SRQ 62.09 24 eP 22 20.00 0.6
MOX 62.14 18 eP 22 22.00 2.3
PRU 62.51 20 eP 22 25.00 2.9X
Z 20s 0.90um 4.9Msz
N 18s 0.40um
E 18s 0.30um
CLL 63.15 18 eP 22 29.00 2.7X
EKA 63.49 7 Pc 22 30.20 1.7
1.7s 22.90nm 5.1mb
JOS 63.54 25 eP 22 27.80 -1.1
MLR 63.73 30 eP 22 32.00 1.6
SPC 63.96 24 eP 22 35.90 3.9X
HFS 71.07 14 eP 23 14.00 -2.2
0.7s 3.70nm 4.6mb
Z 16s 0.51um 4.9MszX
LR 50 00.00
NB2 71.32 12 P 23 15.40 -2.4
0.8s 1.90nm 4.3mb
UPP 71.83 16 iP 23 19.10 -1.7
SUF 76.59 18 eP 23 48.00 -0.2
MHI 81.08 51 eP 24 17.00 3.6X
SPA 82.25 180 eP 24 20.10 1.2
0.8s 6.25nm 4.8mb
QUE 85.68 59 eP 24 41.20 4.1X
JCT 90.76 301 eP 25 05.00 3.8X
SBA 94.48 180 e(P) 25 09.90 -7.4X
S.D. = 1.2 on 47 of 59 obs.

JUN 03, 1985 20h 25m 51.56± 1.19s
49.784 N ±11.2km 1.203 E ± 5.9km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.9 (LDG).

LDF 1.48 217 Pn 26 18.80 0.7
Pg 26 20.10
Sg 26 41.60

FLN 1.50 228 Pn 26 18.60 0.0
Pg 26 20.10
Sg 26 41.40
GRR 1.95 225 Pn 26 25.40 0.4
Pg 26 28.40
DOU 2.21 81 Pg 26 29.30 0.5
Lg 26 58.00
LPF 2.30 221 Pn 26 29.60 -0.4
Pg 26 34.30
LOR 3.07 144 Pn 26 41.80 0.7
Pg 26 50.90
Sg 27 34.10
SSF 3.13 150 Pn 26 42.60 0.8
Pg 26 52.00
Sg 27 36.70
AVF 3.32 154 Pn 26 45.20 0.6
Pg 26 57.20
Sg 27 42.40
LBF 3.36 146 Pg 26 56.00 10.9X
BGF 3.41 161 Pn 26 46.50 0.6
Pg 26 57.10
Sg 27 44.70
TCF 3.56 169 Pn 26 48.80 0.8
Pg 27 00.80
Sg 27 49.70
SMF 3.60 150 Pn 26 49.00 0.4
Pg 27 01.40
Sg 27 51.20
HAU 3.83 116 Pn 26 51.20 -0.7
Pg 27 05.20
Sg 27 57.20
CDF 4.22 107 Pn 26 56.40 -1.0
RJF 4.49 177 Pn 26 59.70 -1.4
LFF 4.86 184 Pn 27 05.60 -0.8
CAF 4.90 173 Pn 27 05.80 -1.2
S.D. = 0.9 on 16 of 17 obs.

• JUN 03, 1985 20h 41m 56.60± 1.00s
21.612 S ±11.0km 67.025 W ± 9.7km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
CHILE-BOLIVIA BORDER REGION (124)

YJA 1.52 112 iPd 42 22.20 0.0
S 42 48.60
TPZ 1.58 275 iPd 42 22.90 -0.1
S 42 51.00
SLA 3.41 156 iPd 42 36.00 -12.9X
CNCB 4.86 349 iP 43 10.50 0.6
S 44 13.00
LPB 5.15 348 iP 43 14.00 0.1
(S) 44 14.00
ZOBO 5.42 349 Pd 43 16.80 -0.9
0.5s 15.58nm 4.8mb
(S) 44 24.00
ARE 6.64 320 eP 43 35.00 0.3
iS 44 41.00
TCA 9.93 168 iPc 44 55.30 35.2X
S.D. = 0.7 on 6 of 8 obs.

JUN 03, 1985 21h 57m 52.30± 0.94s
5.855 S ± 3.3km 151.414 E ± 4.4km
DEPTH = 40.5 ± 7.8 km
5.4mb (18 obs.) 5.0Msz (2 obs.)
NEW BRITAIN REGION (192)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 22C
Centroid Location:
Origin Time 21:57:52.7 0.5
Lat 6.24S 0.06 Lon 151.51E 0.07
Dep 29.6 5.6 Half-duration 1.9
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.66 0.05 Mtt= 0.99 0.07
Mff=-0.34 0.08 Mrt=-1.14 0.24
Mrf= 0.54 0.16 Mtf= 0.00 0.05
Principal Axes:
T Val= 1.61 Plg=28 Azm=188
N -0.16 17 288
P -1.45 56 46
Best Double Couple:Mo=1.5*10**24
NP1:Strike=241 Dip=23 Slip=-140
NP2: 113 75 -72

LMG 4.44 227 iPc 58 58.00 -1.1
LAT 4.46 260 e(P) 59 01.00 1.7
ALOA 4.53 193 eP 58 55.50 -4.8X

PMG	5.50	230	iPc+	59	14.00	0.0	LZH	61.03	317	Pc	08	04.50	-0.1	ENN	126.79	333	ePKP	16	53.00	-0.3
MOM	5.51	313	iPd	59	19.00	4.9X	GTA	65.50	318	eP	08	33.90	-0.1	OGA	126.84	327	ePKP	16	52.80	-1.0
WEW	8.09	286	e(P)	00	17.00	26.8X	PKI	71.79	301	eP	09	12.60	-0.9	MEM	126.86	333	PKPc	16	53.40	0.0
HNR	9.17	113	eP	00	10.00	4.8X		1.2s		33.00nm			5.2mb				e	17	08.40	
			e	01	50.00		KKN	71.96	302	eP	09	13.60	-0.8	BUH	127.14	330	ePKP	16	54.20	0.1
CTA	15.01	199	iPd	01	24.40	0.9		0.9s		33.00nm			5.3mb	GWF	127.24	331	iPKPc	16	54.40	0.2
	1.4s	60.47nm				4.7mb	DMN	72.06	301	eP	09	14.80	-0.2	OSS	127.43	327	ePKP+	16	55.00	0.1
PVC	20.30	127	iPc	02	25.50	-2.1		1.0s		31.00nm			5.2mb	UCC	127.45	334	PKP	16	55.40	0.9
GUA	20 32	342	eP	02	28.30	0.5	SBA	72 41	177	iPc	09	12.00	-3.8X	WLF	127.46	332	PKP	16	50.90	-3.6X
	1.2s	662.50nm				5.9mb		1.0s		29.00nm			5.2mb				e	17	06.40	
			eS	06	22.50		HYB	75.54	290	eP	09	34.00	-1.0	SAX	127.50	328	ePKP+	16	54.80	-0.3
GUMO	20.38	341	eP	02	28.80	0.3	WMO	75.59	318	P	09	35.00	0.1	SLE	127.61	329	ePKP+	16	54.90	-0.1
	1.3s	1019.61nm				6.0mb	GBA	75.92	286	P	09	48.00	10.8X	CDF	127.79	330	ePKP	16	55.30	-0.1
PJG	20.38	341	eP	02	28.70	0.2	SVW	78.32	23	eP	09	50.60	0.9		1.5s		20.80nm			
RMO	20.68	187	eP	02	31.00	-0.5	NDI	79.07	301	eP	09	53.00	-1.4	DOU	127.86	333	PKP	16	55.30	0.0
	1.2s	1541.00nm				6.2mb	TTA	79.25	22	eP	09	55.10	0.3	LLS	127.93	328	ePKP+	16	55.70	-0.2
MTN	21.17	249	eP	02	36.00	-0.6	PMR	81.21	25	eP	10	04.80	-0.3	BSF	128.42	330	ePKP	16	56.70	0.1
BRS	21.46	177	iPc	02	38.50	-0.9	IMA	81.91	20	e(P)	10	08.90	0.0		1.3s		62.80nm			
			eS	06	22.00		TOA	82.69	25	eP	10	13.30	0.4	HAU	128.52	331	ePKP	16	56.80	0.1
WB2	21.71	228	iPc	02	42.00	0.0	COL	83.37	22	eP	10	15.00	-1.3		1.4s		25.10nm			
			iS	06	41.20			1.0s		50.50nm			5.6mb	FIR	128.55	324	e(PKP)	16	56.00	-0.8
NOU	21.88	140	iPc	02	39.20	-4.4X	FBA	83.37	22	e(P)	10	15.60	-0.7	MMK	129.00	328	ePKP+	16	58.20	0.2
AAI	23.24	274	eP	02	43.00	-14.0X	MAW	84.07	203	eP	10	20.00	0.2	DIX	129.27	328	ePKP+	16	58.90	0.4
	1.0s	166.40nm					SPA	84.18	180	iPc	10	20.50	-0.1	EMS	129.53	328	ePKP+	16	59.50	0.6
KNA	24.29	244	eP	03	08.00	0.7		1.0s		58.00nm			5.7mb	LOR	130.24	331	ePKP	17	00.40	0.4
ASPA	24.45	222	iPc	03	10.00	1.2				e	10	25.30			1.4s		23.50nm			
	1.1s	287.00nm				5.7mb	PNL	84.72	28	eP	10	24.10	0.9	LBF	130.38	331	ePKP	17	00.60	0.3
CMS	26.03	191	eP	03	21.00	-2.6	SIT	85.89	32	eP	10	30.60	1.6		1.4s		17.70nm			
CAN	29.41	184	eP	03	55.70	1.5	QUE	88.14	300	eP	10	40.50	-0.3	SSF	130.55	331	ePKP	17	01.00	0.4
WBN	31.13	227	eP	04	10.00	0.4	WDC	90.77	49	ePc	10	53.50	0.8		1.4s		30.40nm			
MBL	34.16	241	iPd	04	35.80	-0.2				e	11	04.20		GRC	130.59	332	iPKPc	17	01.50	0.9
TAU	37.08	185	eP	05	01.00	0.6	ORV	91.44	51	ePc	10	56.50	0.7				i	20	23.70	
KLG	37.49	225	eP	05	04.00	-0.1				e	11	06.90		CVF	130.67	324	ePKP	17	00.90	-0.1
MEK	37.51	233	iPc	05	04.50	0.1	JAS1	92.11	52	eP	10	59.80	0.9		1.2s		27.20nm			
	0.6s	48.00nm				5.6mb				i	11	10.40		SMF	130.69	331	ePKP	17	01.30	0.4
BAG	37.68	306	eP	05	06.00	0.0	FRI	92.59	53	e(P)	11	02.00	0.9		1.4s		17.40nm			
	1.5s	283.33nm				5.9mb				e	11	11.40		AVF	130.82	331	ePKP	17	01.10	0.0
			eS	10	50.00		MNA	93.93	52	eP	11	07.90	0.4		1.3s		12.70nm			
NAU	38.42	241	iPc	05	12.50	0.5				e	11	18.20		LDF	131.03	335	ePKP	17	01.90	0.5
	0.5s	11.00nm				5.0mb	MHI	94.97	306	eP	11	13.00	0.8		1.6s		37.30nm			
TRT	38.54	265	iPd	05	14.50	1.4	MBC	95.46	14	eP	11	14.00	0.4	FLN	131.04	336	ePKP	17	01.60	0.2
KRP	38.73	149	P	05	14.00	-0.4	EUR	95.70	51	iP	11	16.50	0.8		1.4s		29.60nm			
KLB	40.58	227	iPc	05	29.50	-0.3		0.5s		3.99nm			5.1mb	BGF	131.23	331	ePKP	17	02.50	0.6
TCW	40.70	153	P	05	29.60	-1.0	YKA	97.00	28	eP	11	21.30	0.6		1.4s		25.10nm			
MRWA	40.72	231	iPd	05	31.00	0.0	YKC	97.06	28	eP	11	21.00	0.0	FRF	131.32	326	ePKP	17	02.40	0.3
BAL	40.85	229	iPc	05	32.10	0.1	MTD	116.42	248	iPKPc	16	35.00	0.5		1.4s		27.20nm			
MSZ	41.27	162	P	05	37.00	1.8				i	16	45.00		GRR	131.49	336	ePKP	17	03.00	0.7
NWAO	41.67	225	eP	05	39.00	0.3	SLR	116.53	238	ePKP	16	29.00	-5.6X		1.4s		28.40nm			
Z	20s	2.00um				5.0Msz	NB2	117.42	339	PKP	16	33.00	-2.0X	LMR	131.55	326	ePKP	17	02.90	0.3
MUN	41.91	227	iPc	05	40.60	-0.1		1.1s		4.90nm					1.3s		20.00nm			
RKG	42.45	224	iPc	05	47.70	2.6X	BUL	118.14	244	iPKPc	16	37.60	-0.2	LRG	131.55	326	ePKP	17	03.20	0.7
SHK	43.89	338	eP	05	56.20	-0.6				i	16	48.50			1.3s		33.00nm			
MAT	43.95	345	eP	05	55.00	-2.2	KRI	118.22	247	iPKPc	16	37.00	-1.0	TCF	131.73	332	ePKP	17	03.30	0.4
	1.7s	26.92nm				4.7mb				e	16	48.00			1.1s		11.30nm			
			eS	12	26.00		MLR	118.56	319	ePKP	16	38.00	0.2	CDR	131.73	327	ePKPc	17	03.30	0.4
QZH	44.24	315	Pc	06	01.00	1.3	SPC	120.41	325	ePKP	16	42.30	1.0				e	20	27.30	
			sP	06	13.00		CLO	120.76	320	ePKP	16	41.00	-0.8				e	20	38.50	
			eS	12	30.00		KSP	121.69	328	ePKP	16	43.80	0.4	LPF	131.85	335	ePKP	17	03.70	0.7
HKC	45.96	309	e(P)	06	19.00	5.6X	SRO	122.21	324	ePKP	16	45.00	0.6		1.5s		52.20nm			
QIZ	47.83	302	eP	06	30.70	2.4	VAY	122.45	316	ePKP	16	44.00	-1.1	LSF	132.08	332	ePKP	17	03.70	0.2
KGM	48.66	278	ePc	06	35.00	0.2	ZST	122.70	325	ePKP	16	45.20	-0.2		1.4s		17.70nm			
WHN	50.68	318	eP	06	50.50	0.5	SKO	122.96	317	iPKP	16	46.00	-0.1	TPZ	132.20	126	ePKP	17	11.00	6.1X
PPI	51.20	274	eP	06	53.95	-0.3	CLL	123.09	330	ePKP	16	45.00	-1.0	MFF	132.58	334	ePKP	17	05.30	0.9
	0.8s	38.90nm				5.4mb				e	16	57.00			1.8s		34.50nm			
IPM	51.37	281	ePd	06	55.00	-0.6	PRU	123.10	328	ePKP	16	45.50	-0.6	CAF	132.79	330	ePKP	17	06.00	1.1
			e	08	10.10		Z	23s		0.70um			5.3MszX		1.9s		30.10nm			
TIA	52.76	325	eP	07	04.60	-1.1				e	16	56.50		BNG	133.05	271	ePKPc	17	05.80	-0.5
			eS	14	30.00		OHR	123.76	316	ePKP	16	47.00	-0.8		1.0s		30.00nm			
PSI	53.10	278	ePc	07	07.50	-1.0				e	16	56.80					id	17	08.30	
SNY	53.83	334	eP	07	17.00	3.7X	KHC	124.11	328	iPKP	16	48.90	0.7				id	20	32.70	
MDJ	53.94	341	eP	07	10.00	-4.1X		1.1s		20.50nm				LPO	133.40	331	ePKP	17	06.80	0.8
CN2	54.71	337	Pc	07	18.20	-1.6				e	16	58.90			1.8s		51.70nm			
			ScP	12	19.40		MOX	124.19	330	ePKP	16	48.00	-0.3	EPF	135.02	330	ePKP	17	11.60	2.3X
NST	55.09	294	eP	07	28.50	5.4X		1.2s		14.00nm					1.3s		14.40nm			
BJI	56.02	328	eP	07	28.00	-1.3				e	17	00.00		LPB	135.03	120	ePKP	17	09.00	-1.5
			eS	15	12.00		WET	124.47	328	iPKPc	16	49.30	0.4	ZOBO	135.13	120	ePKPc	17	07.80	-3.1X
KMI	56.45	305	Pc	07	33.50	0.5	GRF	124.99	330	ePKP	16	50.20	0.4	LGR	136.84	332	ePKP	17	11.00	-1.7
XAN	56.45	318	eP	07	31.60	-1.0	Z	22s		0.30um			4.9Msz	TOL	139.56	330	ePKP	17	18.00	0.2
TIY	56.52	323	eP	07	32.20	-0.9	WIT	125.00	335	ePKP	16	51.00	1.3	SJG	141.38	68	e(PKP)	17	15.00	-6.7X
CHG	57.21	297	eP	07	38.50	0.2	LJU	125.35	324	ePKP	16	50.70	0.1	VAO	146.16	149	ePKP	17	34.80	5.0X
CHTO	57.21	297	eP	07	38.10	-0.1	WTS	125.53	334	ePKP	16	51.20	0.4				e	17	42.30	
	1.5s	27.03nm				5.1mb		1.3s		24.00nm				AVE	146.34	327	iPKP	17	31.00	1.3
CD2	58.39	312	eP	07	46.00	-0.4	VOY	125.72	325	ePKP	16	50.80	-0.7	BAO	151.27	138	e(PKP)	17	37.10	-0.9
			eS	15	47.00		FUR	125.91	328	ePKP	16	52.00	0.3				e	17	43.70	
HHC	59.11	325	P	07	50.80	-0.5	TRI	125.98	324	ePKP	16	50.60	-1.3	KIC	156.28	272	ePKP	18	00.60	15.8X
BTO	59.83	324	eP	07	56.00	-0.2	EKA	126.62	342	PKPc	16	52.50	-0.3	SOB1	160.65	141	ePKP	17	50.90	1.1
			eS	16	10.00			1.3s		12.90nm							e	18	01.70	

03d 22h

ITR 162.48 146 ePKP 17 51.40 -0.2
S.D. = 0.8 on 154 of 176 obs.

% JUN 03, 1985 22h 14m 11.04± 0.70s
40.783 N ± 6.0km 28.017 E ± 6.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EDC	0.45	195	iPg	14 19.80	-0.4
			iSg	14 26.30	
CTT	0.48	40	iPg	14 20.60	-0.2
			iSg	14 27.60	
MFT	0.56	271	ePg	14 23.60	1.2
KCT	0.59	154	iPg	14 23.10	0.1
			iSg	14 32.10	
ISK	0.84	70	ePg	14 26.60	-0.6
DMK	1.06	349	iPg	14 30.10	-0.8
			iSg	14 44.90	
DST	1.27	158	ePn	14 33.30	-1.3
EZN	1.61	234	iPn	14 39.30	-0.2
GPA	1.82	105	ePn	14 45.00	2.4

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

? JUN 03, 1985 22h 42m 24.16± 1.77s
6.481 S ±12.0km 152.942 E ±24.1km
DEPTH = 33.0km (normal)
5.0mb (2 obs.)
NEW BRITAIN REGION (192)

RAB	2.40	341	eP	43 02.00	0.0
ALOA	4.56	214	eP	43 36.00	3.3X
LAT	5.91	268	eP	43 52.50	0.8
PMG	6.43	243	eP	43 44.00	-15.0X
CTA	15.90	205	iPd	46 08.20	12.6X
RMQ	20.29	191	eP	47 01.00	1.0
WB2	22.47	232	eP	47 20.70	-1.4
ASPA	25.04	225	eP	47 49.00	2.0X
	0.9s		30.00nm		4.9mb
MEK	38.37	235	iPd	49 43.90	-0.3
	0.5s		13.00nm		5.0mb
SBA	71.70	177	eP	53 54.80	10.5X
SPA	83.56	180	e(P)	55 00.30	10.1X

S.D. = 1.4 on 5 of 11 obs.

JUN 03, 1985 22h 49m 51.58± 0.32s
11.585 S ± 5.0km 117.730 E ± 7.0km
DEPTH = 33.0km (normal)
5.1mb (15 obs.)
SOUTH OF SUMBAWA ISLAND (291)

TRT	6.33	307	iPd	51 24.00	-1.1
			iS	52 07.00	
MKS	6.56	15	iPd	51 29.60	1.4
			iS	52 48.60	
MBL	9.73	168	eP	52 09.00	-3.4X
NAU	11.10	191	iPd	52 29.60	-1.6
	0.3s		80.00nm		6.4mb X
			eS	54 23.00	
KNA	11.50	112	eP	52 35.00	-1.5
MTN	13.16	97	eP	52 58.00	-0.8
			eS	55 18.00	
MEK	14.97	177	eP	53 20.00	-2.6
	0.4s		85.00nm		5.4mb
			eS	55 46.00	
WBN	16.71	151	eP	53 44.00	-0.9
MRWA	17.62	185	iPd	53 54.80	-1.5
			eS	56 55.00	
WB2	18.02	120	iPd	54 01.30	0.0
			iS	57 10.20	
BAL	18.95	183	iPd	54 12.90	0.2
	0.4s		35.00nm		4.9mb
			eS	57 28.00	
KLG	19.41	170	eP	54 19.00	0.9
			eS	57 39.00	
ASPA	19.52	130	iPc	54 20.60	1.3
	1.0s		83.00nm		5.0mb
KGM	19.69	312	ePc	54 21.40	0.2
KLB	19.91	180	eP	54 24.00	0.6
	0.4s		83.00nm		5.4mb
			eS	57 49.00	
MUN	20.34	184	eP	54 29.00	1.1
	0.3s		31.00nm		5.1mb
			eS	57 58.00	
PPR	21.24	3	ePc	54 33.50	-3.7X
	1.0s		82.80nm		5.1mb
NWAO	21.25	181	iPd	54 38.80	1.6
	0.4s		66.00nm		5.4mb
			eS	58 22.00	
RKG	22.39	182	eP	55 04.00	15.4X
			eS	59 01.00	
IPM	23.11	313	ePd	54 57.00	1.2
	1.0s		34.60nm		4.8mb
PSI	23.47	306	eP	55 00.00	0.7
	0.8s		46.40nm		5.0mb
TSI	24.25	307	ePc	55 06.90	0.1
CTA	28.68	111	iPd	55 50.50	2.7
	0.8s		11.19nm		4.6mb
KHT	32.34	324	eP	56 20.30	0.1
BFD	33.85	143	eP	56 35.00	1.8
CHG	35.43	328	eP	56 47.00	0.1
YOU	35.91	134	eP	56 54.20	3.3X
CAN	36.89	135	eP	57 16.00	16.9X
WAM	37.28	136	eP	57 06.30	4.0X
KMI	39.30	338	eP	57 20.50	0.9
CD2	44.33	343	eP	58 00.20	-0.3
XAN	46.14	350	eP	58 13.20	-1.6
GBA	47.15	301	P	58 24.00	1.0
	1.0s		9.40nm		4.7mb
HYB	48.25	306	eP	58 31.00	-0.7
TIY	49.29	354	P	58 38.40	-1.0
PKI	49.97	322	eP	58 44.30	-0.8
	0.8s		16.00nm		5.1mb
DMN	50.18	321	eP	58 46.30	-0.3
	0.9s		33.00nm		5.4mb
KKN	50.20	322	eP	58 46.30	-0.5
	0.8s		17.00nm		5.1mb
BJI	51.38	358	eP	58 54.00	-1.2
MAT	51.61	21	eP	58 55.00	-2.1
	0.8s		8.96nm		4.8mb
BTO	52.41	353	eP	59 03.50	0.4
GTA	53.40	343	P	59 11.20	0.6
SNY	53.42	5	Pc	59 09.20	-1.2
NDI	55.99	316	eP	59 26.00	-3.4X
WMQ	61.55	336	P	00 08.00	0.0
QUE	64.11	312	eP	00 25.00	-0.3
MHI	72.60	314	iPd	01 18.60	0.7
NAI	80.86	271	eP	02 11.00	6.3X
TAB	82.87	311	e(P)	02 17.00	2.4
TPZ	146.55	169	ePKP	09 38.00	7.0X
ITR	148.84	231	ePKP	09 40.70	6.3X
SOB1	150.36	227	ePKP	09 45.10	8.4X
	0.6s		2.00nm		
			e	09 52.40	
CNCB	151.23	169	PKP	09 48.90	10.3X
LPB	151.47	168	ePKP	09 47.60	8.2X
			eLR	32 20.00	
ZOBO	151.73	168	ePKP	09 49.70	10.3X

S.D. = 1.2 on 41 of 55 obs.

? JUN 03, 1985 22h 54m 02.78± 4.86s
39.235 N ±38.3km 21.707 E ±17.8km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT	1.05	35	ePg	54 23.30	0.6
PAIG	1.67	65	ePn	54 32.30	0.1
GRG	1.80	17	ePn	54 33.70	-0.4
			eSg	55 04.20	
OHR	2.00	340	ePn	54 38.30	1.3
KNT	2.13	25	ePb	54 39.00	0.1
			eSg	55 14.30	
VAY	2.19	17	iPn	54 41.00	1.4
SRS	2.37	37	ePn	54 42.00	-0.3
SKO	2.74	356	ePn	54 45.50	-2.1
MMB	2.81	33	iPc	54 48.00	-0.6
VTS	3.55	18	eP	55 30.00	31.1X
KDZ	3.67	48	iP	55 08.00	7.1X

S.D. = 1.2 on 9 of 11 obs.

? JUN 03, 1985 23h 30m 02.36± 2.90s
17.659 N ±32.3km 106.960 W ±11.3km
DEPTH = 10.0km (geophysicist)
4.5mb (4 obs.)
OFF COAST OF JALISCO, MEXICO (54)

JCT	14.33	26	iP	33 28.20	0.8
	1.1s		41.14nm		5.0mb
			e	34 27.00	
GLA	16.89	337	eP	34 00.00	-0.4
ALQ	17.22	1	eP	34 05.00	0.2
	1.0s		6.25nm		3.7mb
BAR	17.33	331	eP	34 08.00	2.0
PLM	17.98	332	eP	34 13.00	-1.3
TPC	18.29	335	eP	34 17.00	-0.9
MWC	19.25	331	eP	34 27.00	-3.0X
SBB	19.54	332	eP	34 33.00	-0.2
BHO	19.85	31	eP	34 36.30	-0.1
TUL	20.70	26	eP	34 45.10	-0.2
	0.8s		10.00nm		4.2mb
RLO	21.25	27	eP	34 50.40	-0.5
MNA	22.90	337	eP	35 07.60	0.1
EUR	23.11	342	iP	35 10.20	0.5
	0.2s		6.98nm		4.8mb
JAS1	23.39	332	e(P)	35 11.00	-1 1
ORV	25.21	333	eP	35 31.30	1.6
SES	32.82	355	ePd	36 37.50	-0.6
INK	53.33	348	eP	39 24.00	0.4

S.D. = 1.0 on 16 of 17 obs.

* JUN 03, 1985 23h 53m 42.61± 0.74s
44.576 N ±14.2km 147.535 E ±10.2km
DEPTH = 33.0km (normal)
5.0mb (36 obs.)
KURIL ISLANDS (221)
Felt (I JMA) at Nemuro, Hokkaido.

NEM	1.88	229	eP	54 13.00	0.0
			iS	54 34.20	
TSK	10.09	217	eP	56 03.20	-5.0X
DDR	10.67	219	eP	56 11.00	-5.3X
MAT	10.70	225	eP	56 15.00	-1.7X
BJI	23.55	270	eP	58 51.00	0.4
GTA	35.44	279	P	00 38.80	1.1
IMA	37.84	35	iP	00 58.40	0.8
COL	40.27	37	iP	01 18.60	1.0
	0.9s		12.60nm		4.7mb
FBA	40.27	37	eP	01 18.60	1.0
WMQ	42.05	291	P	01 34.50	1.9
INK	45.56	31	eP	02 01.00	0.5
	0.4s		10.00nm		5.1mb
KKN	51.75	273	eP	02 48.40	-0.8
	0.7s		20.00nm		5.2mb
PKI	51.78	273	eP	02 48.60	-1.1
	0.6s		9.00nm		4.9mb
DMN	51.98	273	eP	02 50.60	-0.5
	0.6s		19.00nm		5.2mb
YKA	54.96	34	eP	03 12.10	-0.2
YKC	55.02	34	eP	03 14.00	1.3
KEV	58.04	339	eP	03 33.00	-1.1
DAG	58.62	356	iPc	03 35.60	-2.5
	0.7s		5.48nm		4.8mb
SOD	59.81	337	iP	03 44.80	-1.7
KJF	61.75	334	eP	03 53.00	-6.7X
HYB	63.08	268	eP	04 07.00	-2.1
SUF	63.30	334	iP	04 08.80	-1.2
	0.3s		5.30nm		5.1mb
FFC	64.87	37	eP	04 19.00	-1.4
	0.7s		4.00nm		4.6mb
NUR	65.43	333	iP	04 22.60	-1.2
	0.4s		29.10nm		5.7mb
BMN	66.30	56	eP	04 40.00	10.1X
GBA	66.42	266	Pc	04 48.40	17.6X
	0.3s		3.80nm		
EUR	67.64	56	eP	04 32.20	-6.4X
UPP	68.13	335	iP	04 40.00	-0.9
FRB	68.31	16	ePc	04 40.40	-1.6
NB2	68.93	339	P	04 43.60	-2.4
	0.6s		4.00nm		4.7mb
HFS	69.04	337	eP	04 45.10	-1.4
	0.6s		9.60nm		5.0mb
BDW	69.15	50	eP	04 45.70	-2.2
	1.0s		1.40nm		4.0mb
KSP	75.98	331	eP	05 27.60	-0.1
CLL	76.71	333	iPc	05 31.30	-0.4
	1.3s		24.00nm		5.1mb
EKA	77.41	343	Pc	05 35.60	0.0
	0.7s		2.30nm		4.3mb
SRO	77.76	328	eP	05 38.10	0.5
ZST	77.89	329	eP	05 39.50	1.2
HOF	77.93	333	eP	05 39.00	0.5
KHC	78.37	331	iPc	05 41.90	0.9
	0.7s		24.00nm		5.3mb
WET	78.60	332	eP	05 42.80	0.6
GRF	78.68	333	eP	05 43.40	0.7
	0.7s		25.00nm		5.3mb
MEM	79.48	336	P	05 47.10	0.2
KBA	80.21	330	iPd	05 51.80	0.7
	0.8s		26.20nm		5.3mb
WLF	80.28	336	P	05 52.50	1.3
CDF	81.06	334	eP	05 55.40	-0.1

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        1.0s    12.00nm          4.8mb
OGA   81.19 331 eP     05 57.00   0.6
        0.7s    13.00nm          5.0mb
SLE   81.25 333 eP+    05 53.30  -3.1X
SAX   81.42 333 ePd    05 58.00   0.3
HAU   81.70 335 eP     05 58.80   0.0
BSF   81.72 334 eP     05 58.80  -0.2
        0.6s     5.80nm          4.8mb
LLS   81.87 333 ePd    06 00.20   0.3
OHR   82.23 322 eP     06 01.10  -0.6
FLN   82.92 339 eP     06 05.10   0.0
        0.8s    10.70nm          5.0mb
MMK   82.93 333 ePd    06 07.10   1.6
DIX   83.08 333 ePd    06 06.60   0.3
LOR   83.11 336 eP     06 05.90  -0.2
        0.6s     8.10nm          5.0mb
GRC   83.31 337 iPd    06 07.70   0.6
LBF   83.33 336 eP     06 06.90  -0.4
        0.9s     6.00nm          4.7mb
GRR   83.36 339 eP     06 07.80   0.5
        0.6s    10.80nm          5.1mb
SSF   83.40 336 eP     06 07.50  -0.1
        0.8s     6.70nm          4.8mb
SMF   83.67 336 eP     06 09.10   0.1
        1.0s    14.80nm          5.1mb
AVF   83.69 336 eP     06 09.20   0.2
        1.0s     8.30nm          4.8mb
LPF   83.73 339 eP     06 09.90   0.7
        0.8s     8.40nm          4.9mb
BGF   84.04 336 eP     06 11.10   0.2
TCF   84.47 337 eP     06 13.20   0.2
        0.6s     1.60nm          4.4mb
LSF   84.70 337 eP     06 14.30   0.2
        0.8s     7.90nm          5.0mb
MFF   84.83 338 eP     06 15.60   0.8
        0.6s     7.20nm          5.0mb
RJF   85.57 337 eP     06 18.90   0.4
CAF   85.76 336 eP     06 20.40   0.9
        0.8s     6.70nm          4.9mb
CDR   85.76 333 ePc    06 19.50   0.0
                 i     06 21.50
LRG   85.76 333 eP     06 19.60   0.1
        0.8s     8.30nm          5.0mb
LMR   85.82 333 eP     06 19.80   0.0
        0.8s     5.90nm          4.9mb
LFF   86.12 337 eP     06 22.20   0.9
        0.6s    10.00nm          5.2mb
LPO   86.23 337 eP     06 22.70   0.9
        0.6s     7.90nm          5.1mb
MLS   87.84 336 eP     06 30.00   0.3
ILR  143.95  10 ePKP   13 12.30  -4.2X
        0.6s     2.90nm
SOB1 144.01  14 ePKP   13 12.80  -3.9X
        0 5s     2.00nm
     S.D. = 1.0  on  67 of  77 obs.

*  JUN  04, 1985  00h 52m 26.80± 1.20s
   24.868 S ±12.4km  179.991 E ±11 1km
   DEPTH = 500.2 ± 11.6 km
   4.8mb (  7 obs.)
 SOUTH OF FIJI ISLANDS              (171)

RAO     4.75 157 P      53 52.00  -0.3
                S      54 56.00
NOU    12.67 279 iPc    55 15.00   1.5
GNZ    13.84 186 P      55 26.00   0.6
                S      57 45.00
MNG    16.15 192 P      55 47.20  -1.6
                S      58 32.00
RMO    28.16 260 eP     57 40.00   0.3
CAN    28.66 241 eP     57 44.10   0.2
YOU    28.95 244 eP     57 46.90   0.5
WAM    28.96 240 eP     57 41.50  -4.9X
CTA    31.48 272 iPd    58 08.40   0.1
        0.6s    64.00nm          5.3mb
PMG    34.81 290 eP     58 36.00  -0.3
        0.9s    67.23nm          5.2mb
ASPA   41.88 262 eP     59 33.00  -1.0
        1.1s    41.00nm          4.9mb
WB2    42.33 267 iPd    59 36.60  -0.9
SBA    53.41 183 eP     01 01.80   1.3
        1.0s    19.00nm          4.4mb
MRWA   56.55 250 eP     01 21.00  -2.1
SPA    65.28 180 eP     02 20.50   0.3
        0.9s    18.64nm          4.7mb
MAT    72.69 326 eP     03 04.00  -0.6
        0.8s    14.18nm          4.5mb

MAW    76.84 201 eP     03 28.00   0.7
CHTO   90.01 291 eP     04 35.60   2.0
        1.0s    13.25nm          4.8mb
BUL   127.30 214 iPKPd  10 36.50   0.3
SOB1  127.70 125 ePKP   10 36.40  -0.5
MTD   128.40 220 iPKPd  10 39.00   0.7
KRI   129.49 218 iPKPd  10 40.00  -0.4
KJF   136.71 343 ePKP   10 52.00  -0.5
SUF   138.32 342 ePKP   10 55.00  -0.5
AAE   139.88 254 ePKP   11 12.50  12.3X
NUR   140.52 341 ePKP   10 48.00 -11.5X
UPP   142.93 345 iPKP   10 59.90  -3.8X
NB2   143.03 351 PKP    10 59.40  -4.6X
        1.1s    11.80nm
HFS   143.49 349 ePKP   11 02.00  -2.7X
        0.7s    17.00nm
EKA   149.48   4 PKPc   11 19.60   5.1X
        1.0s     5.40nm
KSP   151.18 338 ePKPd  11 24.00   6.8X
CLL   151.77 343 iPKPd  11 25.20   7.2X
        1.0s    15.00nm
                  i     11 36.00
PRU   152.49 339 ePKP   11 27.00   7.9X
BNG   152.96 224 iPKPd  11 20.80  -0.1
        0.9s     9.00nm
                 id     11 28.40
                 ic     11 42.00
KHC   153.55 340 ePKP   11 21.00   0.4
                  e     11 29.50
                  e     11 45.00
     S.D. = 1.0  on  25 of  35 obs.

%  JUN  04, 1985  01h 05m 59.57± 0.75s
   40.809 N ± 5.4km   27.941 E ± 8.5km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                             (366)

EDC     0.47 187 iPg    06 09.30   0.3
                 iSg    06 15.20
CTT     0.50  47 iPg    06 09.60  -0.1
KGT     0.60 234 ePg    06 11.40  -0.3
KCT     0.64 150 iPg    06 11.60  -0.9
DMK     1.02 352 iPg    06 19.10   0.2
                 iSg    06 34.10
DST     1.31 156 iPn    06 24.70   0.8
     S.D. = 0.8  on   6 of   6 obs.

   JUN  04, 1985  02h 11m 38.46± 0.87s
   29.216 S ± 6.6km   69.616 W ± 9.8km
   DEPTH = 192.4 ± 28.2 km
 CHILE-ARGENTINA BORDER REGION    (127)

RTLL    2.33 155 iPc    12 20.20  -0.2
                  S     12 51.60
RTCB    2.37 163 iPd    12 21.20   0.3
                  S     12 52.70
RTCV    2.80 161 iPc    12 26.70   0.9
                  S     12 54.20
CYA     3.44  78 iPc    12 32.40  -1.2
                  S     13 11.50
JACH    3.55 193 iPd    12 35.00  -0.1
ROCH    3.93 197 iP     12 38.60  -1.3
PEL     4.02 193 iP     12 40.80   0.0
FCH     4.14 188 iP     12 43.50   0.9
BACH    4.19 190 iPd    12 43.60   0.6
SAN     4.32 192 iPd    12 45.00   0.4
PCH     4.46 190 iP     12 46.80   0.3
TACH    4.57 194 eP     12 47.00  -0.8
TCA     4.83 117 iPd    12 51.60   0.3
                  S     13 43.00
LNV     4.97 197 eP     12 51.50  -1.4
ANT     5.54 352 eP     13 01.00   0.7
RFA     5.62 170 ePd    13 02.10   0.6
SLA     5.79  40 ePc    13 03.60  -0.1
TPL     7.11 356 iP     13 27.10   6.3X
     S.D. = 0.8  on  17 of  18 obs.

*  JUN  04, 1985  02h 43m 46.06± 0.58s
   11.884 N ± 8.5km   43.769 E ±10.1km
   DEPTH =  10.0km  (geophysicist)
   4.8mb (  7 obs.)  4.4Msz (  1 obs.)
 ETHIOPIA                           (558)
     CENTROID, MOMENT TENSOR        (HRV)
     Data Used: GDSN
     L.P.B.:  9S, 16C
     Centraid Location:
     Origin Time        02:43:45.5 2.7
     Lat 11.31N 0.29 Lon  42.93E 0.20
     Dep  10.0 FIX Half-duration  1.4
     Moment Tensor; Scale 10**23 D-CM
       Mrr=-2.33 0.36  Mtt= 4.02 0.61
       Mff=-1.69 0.42  Mrt= 1.78 1.68
       Mrf= 1.33 1.02  Mtf=-2.68 0.45
      Principal Axes:
       T  Val=  5.27  Plg= 9  Azm= 19
       N       -0.77       46      280
       P       -4.50       43      118
     Best Double Couple:Mo=4.9*10**23
      NP1:Strike=149 Dip=54 Slip= -27
      NP2:       256     69     -140

NAI    14.79 208 eP     47 22.00   4.6X
        2.2s   230.77nm          5.3mb
SHI    19.46  23 eP     48 15.00  -1.1
HLW    21.29 329 iP     48 36.00   0.9
                 iS     52 36.00
BHD    21.30   1 ePd    48 34.00  -1.1
                 ePPP   51 10.50
                  e     52 41.50
                 iS     55 14.50
                 iPS    55 30.50
                 iPSP   56 52.00
                 iScS   58 21.00
                 iSSS   59 37.00
                  i     02 07.50
JER    21.31 340 e(P)   48 35.50   0.1
RTB    21.36 352 ePd    48 34.00  -1.7
                  e     49 30.30
                  e     49 56.00
                  e     51 35.00
                  i     52 40.00
                  e     54 15.00
                  e     56 36.00
KER    22.57   7 eP     48 48.00   0.0
BHL    23.14 343 eP     48 56.00   2.4
MSL    24.40 359 eP     49 09.00   3.4X
                  e     53 20.00
                  e     57 00.00
                  e     04 00.00
BNG    26.02 256 iPc    49 21.10  -0.2
        1.3s    28.00nm          4.8mb
                 ic     53 32.10
                 id     57 38.20
TAB    26.17   5 eP     49 24.00   1.4
MHI    28.15  28 eP     49 47.00   6.4X
                 eS     54 44.00
QUE    28.18  46 eP     49 44.80   3.7X
                 eS     54 44.00
MTD    30.92 203 eP     50 05.00  -2.5
KRI    31.78 206 eP     50 13.00  -0.1
GBA    32.87  83 Pd     50 23.80   1.3
        0.9s    15.20nm          4.9mb
HYB    34.06  77 eP     50 26.50  -6.5X
BUL    35.15 205 iPd    50 44.20   1.9
SKO    35.76 331 eP     50 45.00  -2.1
VRI    36.84 340 eP     50 55.00  -1.3
KSH    39.58  40 eP     51 23.00   3.6X
SRO    41.68 334 eP     51 38.50   2.1
KKN    41.90  62 eP     51 38.70  -0.1
        0.6s    10.00nm          4.7mb
SPC    41.99 337 eP     51 44.50   5.3X
TRI    42.27 329 e(P)   51 39.80  -1.4
                 e(S)   58 10.00
                 e(SS)  01 24.00
                  e     05 26.00
VOY    42.43 329 eP     51 43.80   1.1
ZST    42.50 334 e(P)   51 45.00   1.9
                  e     55 56.50
KHC    44.76 332 P      52 01.60   0.1
                  i     52 05.10
KSP    44.86 336 eP     52 02.50   0.2
CLL    46.59 334 eP     52 15.00  -0.9
        2.0s    29.00nm          5.0mb
LGR    50.33 316 eP     52 46.00   0.8
TOL    50.47 312 eP     52 47.00   0.7
NUR    50.55 348 eP     52 43.00  -3.4X
     Z  20s     0.40um          4.4Msz
                 eS     04 12.00
                 LR     15 50.00
SUF    52.30 350 eP     52 59.00  -0.7
        0.8s     3.60nm          4.4mb
KJF    53.44 351 eP     53 12.00   3.8X
NB2    54.53 341 P      53 14.40  -1.9
        1.3s    10.40nm          4.7mb
```

04d 02h

KMI	57.06	68	eP	53 35.00	-0.4
GYA	60.63	66	P	54 00.20	0.2
XAN	62.90	58	eP	54 15.50	0.4
	S.D. = 1.4		on	30 of 39 obs.	

? JUN 04, 1985 03h 13m 55.73± 4.70s
59.409 N ±24.3km 6.734 E ±34.9km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

ODD	0.54	356	iPg	14 04.80	-1.9
			iSg	14 14.60	
KMY	0.79	256	iPg	14 09.30	-1.7
			iSg	14 24.60	
ASK	1.33	325	iPn	14 19.30	-0.9
			eSn	14 39.50	
HYA	1.78	351	iPn	14 26.00	-0.8
			iSn	14 52.20	
SUE	1.92	330	iPn	14 27.30	-1.5
			iPg	14 29.90	
			iSn	14 53.50	
			eSg	14 57.30	
	S.D. = 0.7		on	5 of 5 obs.	

% JUN 04, 1985 03h 34m 06.09± 1.59s
39.604 N ±14.5km 28.964 E ± 7.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.26	271	iPg	34 12.20	0.6
			iSg	34 14.90	
KCT	0.80	324	iPg	34 20.50	-1.1
EDC	1.13	312	iPg	34 27.30	0.1
GPA	1.24	56	ePn	34 29.00	-0.2
ISK	1.46	3	iPn	34 32.50	0.0
KGT	1.53	304	iPn	34 33.50	0.0
CTT	1.59	345	ePn	34 35.50	1.1
EZN	2.05	277	ePn	34 40.30	-0.6
	S.D. = 0.8		on	8 of 8 obs.	

JUN 04, 1985 03h 52m 23.60± 0.43s
11.690 N ± 5.8km 43.400 E ± 5.5km
DEPTH = 10.0km (geophysicist)
4.8mb (21 obs.) 5.2Msz (1 obs.)
ETHIOPIA (558)

OBO	0.31	340	P	52 25.20	-4.9X
TDD	0.50	283	P	52 31.70	-2.0
ARO	0.57	254	P	52 34.50	-0.6
SGH	0.79	252	P	52 37.80	-1.2
DAF	0.86	265	P	52 38.50	-1.6
KSU	0.95	260	P	52 41.00	-0.7
HLD	0.95	265	P	52 39.60	-2.1
NAI	14.45	207	ePc	55 56.00	5.5X
ASW	15.86	322	iPd	56 10.00	1.4
			eS	00 08.00	
SHI	19.78	24	eP	56 53.00	-4.2X
HLW	21.27	330	eP	57 12.00	-0.4
			iS	01 08.00	
RTB	21.50	353	ePd	57 12.00	-2.7
			i	57 52.00	
			iS	03 40.00	
			isS	05 30.00	
			iScS	06 36.00	
			iSS	07 21.00	
			iSSS	08 57.00	
			i	09 56.00	
BHD	21.50	2	ePd	57 11.30	-3.4X
			iS	03 43.00	
			iPS	03 52.70	
			i	04 22.00	
			iPSP	05 30.00	
			i	09 46.00	
KER	22.81	8	eP	57 26.50	-1.4
BHL	23.22	343	P	57 36.50	4.6X
			S	01 55.00	
			PcS	05 02.00	
MSL	24.59	360	iP	57 44.00	-1.0
			i	02 16.00	
			i	05 16.00	
BNG	25.62	256	iPc	57 56.20	1.1
	0.8s		13.00nm	4.7mb	
			id	06 08.30	
			id	14 47.20	
KHI	26.32	29	ePc	58 03.00	1.4
TAB	26.40	5	e(P)	58 03.00	0.8
NPA	26.92	189	eP	58 09.00	2.0
MHI	28.49	28	eP	58 27.00	5.8X
			eS	03 18.00	
OUE	28.57	46	eP	58 23.00	0.8
			eS	03 16.00	
TET	29.32	200	iP	58 30.00	1.3
MTD	30.60	203	eP	58 41.00	0.7
			e	08 42.00	
KRI	31.44	206	iPd	58 48.00	0.3
			e	09 03.00	
GBA	33.25	83	Pd	59 00.50	-2.9
	1.1s		60.00nm	5.4mb	
HYB	34.46	76	eP	59 12.00	-1.9
VAY	34.72	332	eP	59 10.00	-5.8X
BUL	34.82	205	iPd	59 18.30	1.2
			e	11 01.00	
OHR	35.40	330	eP	59 21.80	0.1
SKO	35.75	331	iP	59 26.00	1.4
			iS	05 05.00	
			iSSS	07 30.00	
NDI	35.79	57	eP	59 23.00	-2.1
BUC	35.84	339	eP	59 21.00	-4.3X
MLR	36.83	339	ePc	59 36.00	2.1
SRO	41.70	335	e(P)	00 16.70	2.7
			e	10 31.50	
			e	14 44.00	
			e	20 26.00	
SPC	42.03	337	eP	00 18.40	1.4
LJU	42.10	330	eP	00 17.70	0.3
			e(S)	06 38.70	
TRI	42.25	329	eP	00 14.00	-4.6X
			iS	06 40.00	
			eSS	09 56.00	
KKN	42.31	61	eP	00 15.80	-3.9X
	0.6s		32.00nm	5.2mb	
SOP	42.36	333	eP	00 20.90	1.4
VOY	42.41	329	eP	00 17.60	-2.5
SWZ	42.43	204	eP	00 20.00	-0.5
ZST	42.51	334	e(P)	00 22.20	1.5
			e	10 35.00	
KMR	43.74	332	e(P)	00 27.00	-3.7X
			i	10 10.40	
			e	10 33.00	
			e	14 02.00	
KHC	44.77	332	iPc	00 40.10	1.0
	1.4s		18.90nm	4.8mb	
OSS	44.77	328	eP	00 39.80	0.4
KSP	44.89	336	eP	00 38.50	-1.5
PRU	44.97	334	eP	00 38.00	-2.7
			e	02 22.50	
LRG	44.98	322	eP	00 41.50	0.7
CDR	45.46	322	ePc	00 46.20	1.5
LLS	45.50	327	eP	00 45.10	0.0
SAX	45.55	328	eP	00 46.00	0.3
DIX	45.88	325	eP	00 49.20	1.0
CLL	46.61	334	eP	00 52.00	-1.6
MOX	46.74	333	iP	00 55.00	0.4
	1.7s		25.00nm	5.0mb	
BSF	47.27	327	eP	00 58.90	-0.1
	1.2s		24.20nm	5.2mb	
CDF	47.37	328	eP	00 59.50	-0.3
GWF	47.54	329	eP	01 00.40	-0.7
HAU	47.61	327	eP	01 01.50	-0.1
	1.0s		9.20nm	4.8mb	
KIC	47.79	268	eP	01 04.40	0.9
LBF	48.33	324	eP	01 06.80	-0.5
	1.2s		13.70nm	4.9mb	
CAF	48.38	321	eP	01 08.70	0.4
	1.2s		10.10nm	4.8mb	
LOR	48.56	325	eP	01 08.50	-0.5
	1.2s		8.90nm	4.7mb	
EPF	48.57	318	eP	01 10.00	0.8
	1.1s		9.70nm	4.8mb	
AVF	48.59	324	eP	01 08.80	-0.4
	1.2s		7.10nm	4.6mb	
SSF	48.65	324	eP	01 09.10	-0.6
WLF	48.72	328	Pc	01 11.50	1.4
BGF	48.76	323	eP	01 10.60	0.1
	1.0s		9.60nm	4.8mb	
LPO	48.81	320	eP	01 11.70	0.8
	1.2s		16.50nm	4.9mb	
GRC	49.02	324	iPc	01 13.10	0.6
LFF	49.21	321	eP	01 14.70	0.7
LSF	49.37	322	eP	01 15.50	0.2
	1.3s		10.00nm	4.7mb	
MEM	49.38	329	Pc	01 16.80	1.6
ENN	49.52	329	ePKP	01 17.00	0.7
MAL	49.58	309	eP	01 24.00	7.0X
			iS	08 31.00	
DOU	49.79	328	P	01 24.00	5.6X
			S	08 28.00	
WTS	49.87	331	ePKP	01 22.00	3.1X
COP	50.09	338	eP	01 20.00	-0.6
			iS	08 41.00	
LGR	50.22	316	eP	01 24.00	2.1
UCC	50.33	329	P	01 22.00	-0.5
			e	15 06.00	
			SKS	21 02.00	
TOL	50.34	313	eP	01 26.00	3.2X
			eS	08 41.00	
NUR	50.66	348	eP	01 24.00	-0.9
			i	01 31.00	
			eS	08 40.00	
DBN	50.72	330	ePKP	01 26.00	0.6
	Z 18s		2.20um	5.2Msz	
			iSKS	08 51.00	
			eSKKKS	10 56.00	
			eSPP	15 20.00	
			iSS	20 56.00	
UPP	51.76	344	eP	01 30.00	-3.2X
LPF	51.78	323	eP	01 33.20	-0.4
FLN	51.82	324	eP	01 33.30	-0.6
	1.2s		20.20nm	4.9mb	
GRR	51.85	324	eP	01 33.70	-0.4
SUF	52.43	350	iP	01 37.20	-1.0
	0.9s		13.30nm	4.9mb	
HFS	53.12	342	eP	01 39.80	-3.7X
	0.8s		5.60nm	4.6mb	
CHTO	53.88	75	eP	01 47.90	-1.7
	1.1s		6.77nm	4.6mb	
NB2	54.60	341	P	01 49.90	-4.4X
	0.9s		4.80nm	4.5mb	
EKA	56.63	330	P	02 08.00	-1.0
	1.0s		5.40nm	4.5mb	
SOD	56.73	352	iP	02 11.00	1.4
KEV	58.95	353	eP	02 20.00	-5.1X
XAN	63.31	58	P	03 02.20	6.9X
	S.D. = 1.3		on	75 of 95 obs.	

JUN 04, 1985 03h 56m 27.06± 0.10s
4.873 N ± 2.5km 127.481 E ± 2.8km
DEPTH = 94.2km (11 depth phases)
6.0mb (45 obs.)
TALAUD ISLANDS (263)
Felt (I RF) at General Santos, Philippine Islands.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=200 Dip=57 Slip= 90
NP2: 20 33 90
Principal Axes:
T Plg=78 Azm=110
P 12 290
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 91 No. of sta: 6
Moment Tensor; Scale 10**25 d-cm
Mrr= 3.03 Mtt= 0.36
Mff=-3.39 Mrt=-1.15
Mrf=-4.90 Mtf= 1.34
Principal axes:

	Vol= 6.15	Plg=57	Azm=120
T			
N	-0.04	17	2
P	-6.11	27	263

Best Double Couple:Mo=6.1*10**25
NP1:Strike=318 Dip=23 Slip= 43
NP2: 187 74 108
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 26C
Centroid Location:
Origin Time 03:56:29.1 0.2
Lat 4.79N 0.02 Lon 127.38E 0.03
Dep 116.7 1.7 Half-duration 4.6
Moment Tensor; Scale 10**25 D-CM
Mrr= 1.97 0.06 Mtt= 0.16 0.10
Mff=-2.12 0.11 Mrt=-0.74 0.05
Mrf=-1.24 0.05 Mtf=-0.09 0.09
Principal Axes:

	Vol= 2.52	Plg=68	Azm=139
T			
N	-0.02	14	11
P	-2.50	16	277

Best Double Couple:Mo=2.5*10**25
NP1:Strike=346 Dip=31 Slip= 62
NP2: 198 63 106

CGP	4.51	322	iPc	57 35.60	1.3
			iS	58 24.50	
AAI	8.53	175	ePd	58 34.20	4.5X
PPR	9.95	300	ePd	58 49.00	0.0
			eS	59 49.00	
KKM	11.28	276	ePd	59 08.50	1.7
	0.8s	414.70nm			6.3mb
OCP	11.57	327	eP	59 06.00	-4.6X
MAN	11.59	328	eP	59 15.00	4.1X
			eS	01 12.00	
KUPT	15.42	194	ePc	00 05.50	4.9X
	1.0s	554.50nm			5.7mb
KUG	15.43	195	ePc	00 05.50	4.7X
	1.0s	5.00nm			3.7mb X
WSI	16.15	206	ePd	00 13.50	3.7X
	0.5s	6.50nm			4.1mb X
MTN	17.97	168	eP	00 31.00	-1.4
	0.4s	158.00nm			5.6mb
WEW	18.17	117	eP	00 35.00	0.2
GUMO	19.21	62	eP	00 46.40	0.0
	0.6s	951.74nm			6.3mb
GUA	19.23	62	eP	00 46.50	-0.1
	1.0s	1576.00nm			6.3mb
			pP	00 52.50	23kmX
TRT	19.38	230	iPc	00 47.50	-0.7
	0.5s	92.90nm			5.4mb
MDG	20.86	119	eP	01 09.00	5.6X
ANP	20.99	345	eP+	01 06.00	1.2
			iS	04 44.00	
MOM	21.05	109	eP	01 04.50	-0.9
MVI	21.15	9	eP	01 07.00	0.8
			eS	04 54.00	
HKC	21.59	325	iPd	01 10.50	-0.2
			epP	01 34.00	116kmX
			ePP	01 41.00	
			esP	01 48.00	
			eS	05 01.00	
QZH	21.71	338	eP	01 11.00	-0.8
			pP	01 38.00	137kmX
			iS	05 01.50	
MCO	21.81	323	iP	01 15.20	2.3
QIZ	22.23	311	iPd	01 17.00	0.0
			S	05 09.50	
			sS	05 46.50	
			SS	06 02.00	
GZH	22.68	324	iPd	01 22.00	0.7
			pP	01 43.00	98km
			sP	01 54.00	
			S	05 13.00	
PMG	24.20	126	iPc-	01 32.00	-4.2X
KGM	24.28	264	iPd	01 37.40	0.4
	1.0s	692.50nm			6.0mb
			i	01 49.50	48kmX
			i	02 27.00	
LMG	24.74	124	eP	01 40.00	-1.5
WB2	25.57	165	iPc	01 47.80	-1.2
			iS	06 08.70	
KLM	25.83	267	eP	01 52.00	0.5
RAB	26.26	110	eP	01 56.00	0.6
IPM	26.37	270	ePd	01 56.00	-0.4
	1.0s	360.80nm			5.9mb
			e	02 17.20	96km
			e	04 31.90	
SSE	26.75	348	Pc	02 00.50	0.8
			pP	02 28.00	129kmX
			S	06 24.00	
MBL	26.94	196	eP	02 01.50	0.0
ALOA	27.33	124	eP	02 10.00	4.8X
PPI	27.57	260	eP	02 07.00	-0.3
	0.9s	154.30nm			5.6mb
ISQ	28.05	155	eP	02 11.00	-0.7
LOE	28.12	298	eP	02 11.00	-1.3
NJ2	28.22	344	Pc	02 13.00	0.0
			pP	02 41.00	131kmX
			PcP	05 24.00	
			S	06 47.00	
			sS	07 32.00	
WHN	28.38	336	P	02 15.00	0.6
			pP	02 37.00	99km
			PcP	05 25.00	
			S	06 53.00	
			sS	07 30.00	
			SS	08 24.00	

NNT	28.45	287	eP	02 15.00	-0.3
TSI	28.87	268	ePc	02 10.50	-8.6X
NST	28.93	294	iPd	02 19.00	-0.6
ASPA	29.05	168	eP	02 20.00	-0.6
			eS	07 04.00	
NAU	29.66	203	eP	02 26.00	0.0
BGA	29.74	111	eP	02 26.00	-1.0
KHT	30.08	291	ePd	02 30.00	0.2
CTA	30.92	144	iP	02 37.00	-0.1
			iS	07 29.00	
CHTO	31.10	299	eP	02 38.80	0.0
KMI	31.13	313	iPd	02 40.00	0.7
			pP	03 01.00	92km
			PP	03 45.00	
OYM	32.28	18	eP	02 45.60	-3.3X
KYS	32.37	20	eP	02 46.10	-3.5X
SRY	32.46	18	eP	02 46.10	-4.4X
MEK	32.47	195	eP	02 50.00	-0.7
SEO	32.54	359	eP	02 51.20	0.1
	0.9s	433.61nm			6.2mb
TIA	32.61	344	iPc	02 51.80	0.0
			pP	03 16.20	109kmX
			sP	03 31.50	
			PcP	05 34.20	
			S	07 55.00	
			ScP	09 10.20	
DDR	32.80	18	eP	02 50.40	-3.1X
MAT	33.02	16	iPc+	02 52.80	-2.6
	0.7s	174.66nm			6.0mb
Z	20s	9.57um			5.5Msz
			eS	07 50.00	
TSK	33.28	19	eP	02 53.10	-4.5X
CD2	34.19	322	iPd	03 05.20	-0.3
			pP	03 27.00	94km
			iS	08 21.00	
			PcS	09 25.00	
DL2	34.29	352	P	03 06.00	-0.2
			S	08 20.00	
HNR	35.34	114	ePc	03 07.00	-8.5X
TIY	35.46	339	iPc	03 16.20	-0.1
			pP	03 42.50	115kmX
			S	08 45.50	
			PcS	09 30.00	
MRWA	35.65	197	iPc	03 18.00	0.1
	0.5s	111.00nm			6.0mb
KLG	35.92	189	eP	03 20.50	0.4
BJI	36.47	345	Pc	03 24.50	-0.1
			pP	03 53.50	128kmX
			ScS	13 29.00	
BAL	36.75	196	iPd	03 27.70	0.5
	0.4s	64.00nm			5.9mb
SNY	36.96	355	iPc	03 28.80	0.1
			pP	03 55.00	114kmX
			sP	04 08.00	
RMQ	37.37	148	eP	03 31.00	-1.4
KLB	37.43	194	iPd	03 33.40	0.6
	0.5s	202.00nm			6.3mb
LZH	37.92	328	P	03 38.30	1.2
MUN	38.19	196	iPd	03 39.80	0.6
CN2	38.81	358	iPc	03 43.00	-1.2
			pP	04 04.00	88km
			sP	04 17.00	
			PcP	05 54.20	
			eS	09 24.00	
NWAO	38.83	194	iPd	03 45.50	1.0
	0.5s	185.00nm			6.2mb
BTO	38.88	339	Pc	03 46.90	1.9
			pP	04 10.00	99km
			PP	05 17.00	
			S	09 31.00	
STK	38.94	161	iPc	03 45.20	-0.3
MDJ	39.63	2	iPc	03 51.00	0.0
			S	09 42.00	
			ScS	13 49.00	
SHL	39.82	305	iP	03 53.00	-0.1
			iS	09 53.00	
RKG	39.98	194	iPd	03 59.90	5.9X
	0.5s	88.00nm			5.9mb
CMS	40.17	155	eP	03 55.00	-0.6
BRS	40.32	144	iPc	03 55.50	-1.5
			e(PP)	05 36.00	
			i	09 40.00	
			iS	09 55.00	
ADE	41.01	166	eP	04 00.80	-1.7
GTA	42.52	328	P	04 15.20	0.2
			pP	04 39.00	102km
			PP	05 52.00	

			S	10 21.50	
YOU	43.65	155	eP	04 25.10	1.0
BFD	44.13	163	eP	04 28.00	0.2
			e	06 11.00	575kmX
RIV	44.53	152	eP	04 32.00	0.9
			eS	11 04.00	
CAN	44.81	155	iPc	04 33.40	0.0
VIS	45.04	290	iP	04 37.00	1.6
			iS	11 08.00	
TOO	45.43	160	eP	04 39.00	0.7
WAM	45.50	156	eP	04 39.50	0.7
PKI	45.94	304	eP	04 42.20	-0.6
KKN	46.12	304	eP	04 48.40	4.3X
DMN	46.20	304	eP	04 45.30	0.5
NOU	46.72	127	iPc	04 47.50	-1.1
HYB	49.45	289	iPd	05 09.50	-0.4
	1.0s	280.00nm			6.2mb
			e	05 28.00	74kmX
			e	05 38.00	
			e	06 40.50	
GBA	50.07	284	Pc	05 14.60	0.0
	0.9s	363.10nm			6.4mb
TRD	50.29	277	iP	05 13.50	-2.8X
WMQ	52.23	324	P	05 30.00	-0.7
			pP	05 51.00	85km
			PcS	10 37.00	
			S	12 46.00	
NDI	53.13	302	iPc	05 35.50	-2.0
	0.9s	226.89nm			6.2mb
			ePcP	06 08.00	
			eS	12 55.00	
YSA	53.95	115	eP	05 45.00	1.4
POO	54.04	289	iPc	05 45.00	0.7
	0.8s	59.70nm			5.7mb
			eS	13 12.00	
SGE	54.55	115	eP	05 48.10	-0.1
BOM	55.06	290	eP	05 49.00	-2.7
			iS	13 22.00	
KSH	57.75	314	P	06 12.00	1.3
			pP	06 33.00	83kmX
			iS	14 05.00	
SMY	61.11	30	eP	06 33.10	-0.3
MSZ	61.18	148	P	06 33.20	-0.8
KRP	61.64	138	P	06 56.00	18.8X
QUE	62.18	302	eP	06 40.50	-0.8
			eS	14 57.00	
WEL	63.00	142	P	06 44.00	-2.2
			(sP)	07 20.00	
			PP	09 08.00	
			(pPP)	09 38.00	
			S	15 06.00	
			SS	19 36.00	
MNG	63.08	141	P	06 44.30	-2.4
AFI	63.08	108	(P)	06 47.00	-0.2
			e	07 22.00	146kmX
GNZ	63.68	138	eP	06 50.00	-0.7
ADK	65.60	34	iPc	07 01.90	-1.0
	1.2s	484.40nm			6.3mb
MHI	69.42	307	iPc	07 27.30	0.0
	1.0s	372.00nm			6.2mb
			eS	16 22.00	
KHI	69.79	304	iP+	07 29.30	-0.4
DRV	71.93	175	eP	07 41.50	-0.1
SDN	75.82	34	eP	08 03.20	-1.2
KER	79.33	304	eP	08 23.50	-0.9
TTA	79.55	27	eP	08 25.10	0.2
TAB	80.05	308	eP	08 29.00	0.8
KDC	80.58	32	eP	08 30.20	-0.1
IMA	81.04	24	eP	08 33.20	0.4
AVY	81.91	250	iPc	08 38.20	-0.1
PMR	82.59	29	eP	08 40.00	-0.7
	0.8s	428.10nm			6.4mb
Z	20s	2.00um			5.5Msz
COL	83.37	25	iP	08 44.30	-0.4
	0.8s	152.24nm			6.0mb
			eS	18 54.00	
FBA	83.37	25	eP	08 44.00	-0.7
MAW	85.08	200	iPc	08 54.60	1.4
SBA	85.36	172	iPc+	08 55.80	1.4
	2.5s	1922.22nm			6.6mb
Z	18s	1.99um			5.6Msz
PNL	87.41	30	eP	09 05.70	0.9
INK	88.84	22	iPc	09 10.60	-0.9
	0.9s	122.00nm			6.0mb
KEV	89.08	340	iP	09 12.10	-0.5
			i	09 43.80	122kmX
NPA	89.54	255	iPd	09 17.00	1.2

04d 04h

ipP 09 41.00 89km
SOD 89.70 338 iP 09 13.90 -1.7
i 09 45.40 121kmX
SIT 89.86 33 eP 09 17.60 1.2
CSS 90.64 305 eP 09 20.80 0.2
MBC 90.68 13 iPc 09 19.60 -0.3
0.8s 54.00nm 5.8mb
NAI 90.78 269 iPd 09 26.00 4.1X
1.0s 80.00nm 5.9mb
SUF 90.88 333 iP 09 19.60 -1.4
0.7s 49.90nm 5.9mb
NUR 92.07 331 iP 09 26.40 -0.1
0.6s 28.70nm 5.8mb
i 09 55.20 109kmX
eS 12 52.00
GPA 92.34 311 eP 09 26.00 -2.3
ALE 92.62 1 ePc 09 28.00 -0.7
1.4s 40.00nm 5.6mb
ELL 93.16 307 eP 09 31.50 -0.8
PSN 93.37 314 eP 09 34.00 1.2
DST 93.72 310 iP 09 33.70 -1.0
VRI 93.99 317 ePd 09 35.00 -0.7
DMK 94.00 312 iP 09 35.50 -0.4
EDC 94.18 311 iP 09 35.80 -0.9
YER 94.39 308 eP 09 37.30 -0.5
MFT 94.54 311 eP 09 37.50 -1.0
MLR 94.60 316 iPc 09 38.00 -0.7
JMB 94.74 313 iPd 09 39.00 -0.2
SPA 94.84 180 e(P) 09 39.90 0.5
IZM 94.97 309 iP 09 37.90 -2.6
TET 95.08 254 eP 09 42.00 0.8
EZN 95.43 311 iP 09 41.30 -1.2
DIM 95.55 313 eP 09 43.00 0.0
UPP 95.62 332 iP 09 40.70 -2.2
PVL 95.62 314 iPc 09 44.00 0.7
PHC 95.73 38 ePc 09 44.00 0.4
KDZ 95.80 313 iPc 09 43.00 -1.2
DAG 96.24 353 iPc 09 43.30 -2.2
0.6s 48.67nm 6.2mb
i 10 18.00 134kmX
CLO 96.86 316 ePd 09 50.00 1.2
MMB 97.00 313 iPc 09 48.00 -1.6
MTD 97.02 254 iPc 09 50.00 -0.2
VTS 97.16 314 iPc 09 50.00 -0.2
HFS 97.36 332 eP 09 49.10 -1.7
0.6s 43.10nm 6.2mb
Z 19s 2.59um 5.7Msz
LR 51 29.00
SPC 97.47 321 eP 09 52.40 0.6
e 10 24.40 122kmX
e 13 50.80
JOS 97.48 320 eP 09 51.20 -0.3
VAY 97.91 313 iP 09 52.00 -1.6
NB2 98.10 334 P 09 51.00 -3.2X
0.8s 22.40nm 5.8mb
YKA 98.16 24 eP 09 54.20 -0.1
YKC 98.22 24 eP 09 54.00 -0.6
0.9s 39.00nm 6.0mb
SKO 98.58 314 iP 09 56.00 -0.6
PGC 98.78 39 eP 09 58.00 0.6
KRI 98.91 254 iPc 09 57.00 -1.7
i 10 23.00 96km
KSP 99.39 323 eP 10 00.00 -0.2
EVA 99.67 244 e(P) 10 03.00 0.9
BUL 99.97 250 iPc 10 03.10 -0.5
eS 20 33.50
COR 100.10 43 iPdiff10 02.00 -1.5
SLR 100.38 245 ePdiff10 05.00 -0.4
1.2s 62.50nm 6.1mb
FHC 100.69 47 ePdiff10 07.20 0.9
PRU 100.73 323 Pdiffc10 06.00 -0.2
e 10 28.50
PP 14 15.00
SKS 20 34.00
PNT 100.95 38 iPdiff10 07.40 0.2
0.8s 37.00nm 6.1mb
BER 100.96 335 ePdiff10 08.50 1.6
Z 33s 4736.00um 8.8MszX
SEK 100.96 242 e(Pdif10 02.00 -6.0X
MUD 101.08 330 iPdiff10 08.00 0.5
1.1s 12.00nm 5.4mb
i 13 34.00
CLL 101.15 324 ePdiff10 07.00 -1.0
1.8s 41.00nm 5.8mb
e 10 36.00
e 23 01.00
KHC 101.63 322 iPdiff10 10.10 -0.2
1.0s 8.90nm 5.4mb
Z 16s 0.90um 5.4MszX
N 16s 0.50um
E 16s 0.60um
e 10 36.70
e 14 14.00
BFS 101.72 244 ePdiff10 14.00 2.7X
WDC 101.81 47 ePdiff10 10.20 -1.0
ePP 13 20.00
HAM 102.00 327 ePdiff10 12.00 0.3
LJU 102.13 319 ePdiff10 12.70 0.2
e 10 37.70
e 14 28.60
eS 20 38.50
MOX 102.22 324 ePdiff10 12.50 -0.3
1.8s 38.00nm 5.8mb
Z 16s 2.10um 5.8MszX
N 19s 1.90um
E 21s 1.30um
e 10 40.00
e 14 45.00
VOY 102.55 319 ePdiff10 12.80 -1.7
MIN 102.56 47 ePdiff10 14.30 -0.5
TRI 102.75 319 e(Pdif10 06.00 -9.2X
e(PP) 14 26.00
e(SKS)20 42.00
i(SKKS21 14.00
i(PS) 23 32.00
i(PPS)24 08.00
i 27 29.00
i(SS) 29 04.00
e(SSS)33 00.00
e 38 12.00
BRK 102.80 50 ePdiff10 15.00 -0.7
PCC 102.81 50 ePdiff10 15.80 0.1
BKS 102.81 50 e(Pdif10 16.80 1.0
1.0s 35.00nm 6.1mb
e 14 32.00
e 29 30.00
e 33 28.00
e 38 44.00
eLR 43 20.00
GRF 102.83 323 ePdiff10 15.50 -0.1
ORV 102.87 48 ePdiff10 15.90 -0.1
NEW 102.87 38 iPdiff10 16.20 0.3
0.8s 27.70nm 6.1mb
EDM 102.98 33 iPdiff10 16.30 0.1
SWZ 103.02 243 e(Pdif10 02.00 -15.1X
MHC 103.42 50 ePdiff10 19.20 0.5
SAO 103.74 50 ePdiff10 21.00 1.1
PRS 103.92 51 ePdiff10 21.50 0.8
OGA 104.08 321 ePdiff10 21.00 -0.4
JAS1 104.17 49 ePdiff10 22.10 0.3
ePP 13 35.00
PRI 104.52 51 ePdiff10 24.60 1.0
FRI 105.00 50 ePdiff10 25.90 0.4
FIR 105.12 318 ePKP 14 36.00 -4.1X
AKU 105.28 346 ePKP 14 47.70 8.0X
1.0s 32.00nm
MEM 105.45 326 Pdiff 10 28.70 1.6
SES 105.56 35 ePdiff10 27.30 -0.4
BMN 105.69 46 Pdiff 10 29.20 0.5
MNA 105.70 48 ePdiff10 29.60 0.8
ePP 13 42.00
WLF 105.81 325 Pdiff 10 29.50 0.7
e 15 02.00
SKS 20 59.00
GDH 106.03 0 iPKPc 14 51.40 10.4X
1.0s 50.00nm
e 21 02.00
e 23 57.00
BSF 106.28 323 ePKP 14 42.40 0.1
ISA 106.36 51 ePdiff10 32.00 0.3
ePKKP 26 20.00
HAU 106.47 323 ePKP 14 42.50 -0.1
DOU 106.49 326 Pdiff 10 33.00 1.2
Z 20s 2.00um 5.7Msz
PP 14 52.80
e 15 29.00
SKS 21 02.00
LRM 106.79 39 ePdiff10 33.90 0.3
EUR 106.93 46 iPdiff10 34.50 0.1
0.3s 7.31nm 6.3mb
PAS 107.07 52 ePdiff10 35.00 0.2
ePP 15 04.00
eSKS 21 34.00
eSKKS 21 48.00
ePS 24 26.00
ePKKP 25 50.00
eSS 30 16.00
eSSSS 33 56.00
eLg 40 24.00
eLR 45 20.00
MWC 107.14 52 ePdiff10 41.00 5.6X
e 14 49.00
SBB 107.17 52 ePdiff10 36.00 0.7
e 14 45.00
ePKKP 26 16.00
GSC 107.76 51 ePdiff10 38.00 0.0
ePKKP 26 14.00
FFC 107.88 28 ePdiff10 37.00 -0.9
1.1s 13.00nm 6.0mb
LOR 108.30 323 ePKP 14 45.70 -0.3
PLM 108.36 53 ePdiff10 44.00 3.2X
ePKKP 26 11.00
LBF 108.37 323 ePKP 14 46.50 0.3
0.8s 2.90nm
SSF 108.61 323 ePKP 14 46.50 -0.1
0.7s 3.70nm
TPC 108.75 52 ePdiff10 43.00 0.6
ePKKP 25 57.00
CDR 108.78 319 ePKPc 14 27.50 -19.5X
e 14 52.20
i 15 12.30
BGF 109.25 323 ePKP 14 47.40 -0.4
0.6s 5.50nm
TCF 109.77 323 ePKP 14 48.70 -0.2
0.7s 4.40nm
BDW 110.00 41 Pdiff 10 52.00 4.1X
1.0s 2.00nm
LSF 110.19 323 ePKP 14 49.00 -0.6
0.7s 3.00nm
FRB 110.51 8 ePKP 14 50.00 0.4
CAF 110.54 322 ePKP 14 50.30 -0.1
0.8s 4.50nm
RJF 110.68 322 ePKP 14 50.40 -0.2
LPF 110.73 326 ePKP 14 50.60 0.1
MFF 111.00 324 ePKP 14 50.90 -0.2
0.8s 3.70nm
LPO 111.20 322 ePKP 14 51.80 0.2
0.9s 7.80nm
LFF 111.35 322 ePKP 14 51.80 0.0
0.9s 7.20nm
EPF 112.57 321 ePKP 14 53.80 -0.5
0.8s 5.30nm
RSSD 112.83 38 PKP 14 54.30 -0.7
0.9s 33.61nm
GOL 114.24 42 PKP 14 58.00 0.0
0.5s 14.57nm
Z 20s 1.55um 5.6Msz
LGR 114.65 321 ePKP 15 02.00 3.7X
ALQ 115.71 47 e(Pdif10 57.00 -16.5X
TOL 117.03 320 ePKP 15 06.00 3.1X
i 16 42.00
ePP 19 16.00
LHC 117.97 27 ePKP 15 04.50 0.1
SCH 119.35 9 ePKP 15 06.00 -0.8
LTX 120.31 52 PKP 15 10.00 0.4
0.8s 15.47nm
Z 20s 0.86um 5.4Msz
TUL 122.66 41 ePKP 15 13.50 -0.2
1.2s 70.00nm
Z 21s 2.39um 5.8Msz
e 15 35.60
JCT 122.75 49 iPKP 15 15.10 1.0
1.0s 30.50nm
Z 20s 2.13um 5.8Msz
AVE 122.88 315 ePKP 15 14.00 -0.2
BHO 124.17 42 ePKPc 15 16.30 -0.4
OTT 125.84 20 ePKP 15 19.00 -0.6
MNT 126.43 18 iPKP 15 21.00 0.3
RSNY 126.98 20 PKP 15 21.30 -0.6
1.0s 27.00nm
Z 22s 1.06um 5.5Msz
OXM 127.74 61 iPKPc 15 25.00 0.5
RSCP 129.17 35 PKP 15 27.70 1.3
KIC 131.01 283 ePKP 15 21.00 -9.4X
KIC 131.01 283 iPKP 15 30.40 0.0
VHO 131.12 62 iPKPd 15 32.00 1.3
PBJ 132.60 63 iPKPc 15 35.00 1.7
COM 135.55 61 iPKPc 15 39.00 -0.1
GIE 142.05 85 PKP 15 50.20 -0.7
VBA 145.87 167 ePKPd 15 57.20 0.4
LNV 146.15 151 iPKPd 15 58.90 1.6

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TACH   146.63 151 ePKP   15 59.00    0.9
RFA    146.79 156 ePKPc  15 59.00    0.6
PCH    146.86 152 ePKP   15 59.00    0.4
SAN    146.92 152 ePKPd  16 00.00    1.4
BACH   147.09 152 iPKPc  15 59.90    0.9
ROCH   147.15 151 ePKPd  16 00.10    0.8
PEL    147.17 151 iPKPc  15 59.70    0.6
FCH    147.20 152 ePKP   16 02.50    3.0X
JACH   147 59 151 iPKPc  16 01.00    1.2
LPA    149.70 171 iPKP+  16 04.00    1.1
        1.0s    720.00nm
UPA    149.76  63 ePKPd+16 03.90    0.4
        1.1s     91.14nm
      Z  20s       1.60um          5.8Msz
                   i      16 09.00
TCA    151.33 158 ePKPd  16 07.30    1.7
SJG    153.50  30 ePKP   16 08.00   -0.9
PSO    154.50  77 ePKP   16 12.00    1.1
ANT    154.54 139 ePKP   16 12.50    2.4X
NNA    154.94 108 iPKP   16 12.40    1.4
        1.2s     70.31nm
      Z  20s      0.80um          5.5Msz
CHN    154.95  67 iPKP   16 12.00    0.8
BMG    156.30  60 ePKP   16 13.00    0.8
BOG    156.50  67 iPKP   16 14.50    1.0
SLA    156.65 149 ePKPd  16 14.60    1.4
TPZ    157.22 138 PKPc   16 18.90    4.6X
SDV    157.35  53 ePKP   16 15.10    0.7
TOV    157.45  50 ePKP   16 16.20    1.9
ARE    158.11 123 ePKP   16 16.00    0.7
YJA    158.70 145 ePKPc  16 17.00    1.0
CAR    159.04  43 ePKP   16 16.00   -0.2
CNCB   160.75 129 iPKP   16 21.00    2.5X
                  i      17 05.20
LPB    160.82 128 iPKPc  16 21.00    2.6X
                  PP     20 45.00
                  LR     12 35.00
ZOBO   160.95 128 iPKP   16 20.50    1.8
        1.8s    227.27nm
VAO    161.20 196 e(PKP) 16 20.00    1.8
                  e      16 54.20
TRN    162.22  30 iPKPc  16 20.50    1.2
        1.5s    182.00nm
GUV    163.57  40 iPKPd  16 25.40    4.7X
ITR    165.48 254 ePKP   16 22.80    0.4
                  e      16 54.90
                  e      17 21.30
SOB1   167.69 249 ePKP   16 24.70    0.6
                  e      17 31.90
BAO    168.42 202 PKPc   16 24.90    0.3
     S.D. = 0.9  on 263 of 306 obs.

* JUN 04, 1985  04h 49m 23.45± 0.49s
   40.798 N ± 4.3km   27.955 E ± 4.5km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                                (366)

EDC      0.46 189 iPg     49 33.30    0.6
                  iSg     49 41.00
CTT      0.50  46 iPg     49 33.50   -0.1
                  iSg     49 37.50
MFT      0.51 269 ePn     49 34.00    0.2
KGT      0.60 235 iPg     49 35.00   -0.7
                  iSg     49 44.50
KCT      0.63 151 iPg     49 36.00   -0.1
ISK      0.88  72 iPg     49 40.00   -0.3
                  iSg     49 55.50
DMK      1.03 352 iPg     49 43.40    0.4
                  iSg     49 58.00
DST      1.30 156 ePn     49 47.70    0.2
EZN      1.58 233 ePn     49 51.30   -0.2
GPA      1.86 105 ePn     50 02.00    6.3X
     S.D. = 0.4  on   9 of  10 obs.


   JUN 04, 1985  05h 11m 02.56± 1.12s
    4.416 S ± 6.5km  102.689 E ± 6.7km
   DEPTH =  76.6 ±  9.5 km
   5.2mb ( 14 obs.)
 SOUTHERN SUMATERA                     (274)

PPI      4.55 330 ePc     12 10.50    0.0
                  eS      13 12.50
KGM      6.42   6 ePd     12 37.90    1.4
        1.0s    182.80nm          5.5mb
PSI      8.00 332 ePd     12 56.30   -2.0
TSI      8.88 332 e(P)    13 11.00    0.7
IPM      9.09 349 ePd     13 13.00   -0.3
        0.9s     29.80nm          5.1mb
                  e      16 04.90
SNG     11.70 350 eP      14 50.00   61.5X
BSI     12.30 323 iPd     13 52.00   -4.4X
KKM     17.04  53 ePd     14 59.40    1.9
PPR     21.31  49 eP      15 48.50    3.5X
LOE     21.70 358 eP      15 48.50   -0.4
CHTO    23.38 351 eP      15 05.60    0.4
        1.1s     47.41nm          4.8mb
QIZ     24.34  17 eP      16 15.20    0.6
KMI     29.36   0 eP      17 00.00   -0.8
GBA     30.80 306 Pc      17 13.90    0.5
        0.7s     15.60nm          4.8mb
GYA     30.93   7 P       17 15.20    0.7
WB2     34.48 119 iPc     17 43.60   -1.8
                  eS      23 07.50
CD2     35.14   2 P       17 50.20   -0.7
ASPA    35.67 125 iPc     17 54.60   -0.9
                  eS      23 25.00
PKI     35.91 333 iPc     17 57.50   -0.3
DMN     36.08 333 iPc     17 59.30    0.2
        0.7s     55.00nm          5.6mb
KKN     36.15 333 iPc     17 59.70    0.0
XAN     38.70   8 P       18 20.00   -0.8
NDI     41.03 325 iPc     18 40.00    0.0
        0.9s    155.46nm          5.8mb
                  eS      24 47.00
TIY     42.88  11 eP      18 54.90   -0.2
CTA     45.16 114 iPc     19 12.70   -1.0
        0.9s     73.53nm          5.5mb
STK     45.55 132 eP      19 16.00   -0.6
BJI     45.94  14 eP      19 19.00   -0.5
QUE     48.51 318 eP      19 40.00   -0.1
WMQ     49.88 346 Pc      19 50.00   -0.2
YOU     51.71 131 eP      20 03.80   -0.5
                  e      20 12.80   30kmX
MAT     52.54  36 iPc     20 06.00   -4.4X
        0.8s     13.43nm          5.0mb
CAN     52.61 132 eP      20 11.00    0.0
BRS     52.86 121 eP      20 13.00    0.1
MHI     57.17 319 iPc     20 42.90   -1.2
MTD     70.66 254 iPd     22 13.00    0.4
KRI     72.54 254 iPd     22 24.00    0.1
BUL     73.55 250 eP      22 30.50    0.8
KRP     73.78 128 P       22 33.00    2.4
SBA     80.38 169 e(P)    23 07.00    0.4
VAY     85.49 312 eP      23 43.70   10.3X
OHR     86.78 311 eP      23 39.30   -0.5
KJF     87.46 335 iP      23 43.20    0.7
        0.8s     24.90nm          5.4mb
SUF     87.76 333 iP      23 44.20    0.3
        0.7s      8.30nm          5.0mb
NUR     87.95 331 iP      23 45.60    0.8
        0.6s     14.30nm          5.3mb
                  i      26 58.00
JOS     88.08 319 ePc     23 46.40    0.6
        0.8s     14.00nm          5.1mb
SOD     88.71 338 iP      23 48.40   -0.1
VOY     92.31 316 eP      24 06.00    0.3
CLL     93.22 321 e(P)    24 10.00    0.4
HFS     93.29 330 eP      24 09.80    0.1
        1.1s     15.70nm          5.3mb
NB2     94.55 331 P       24 14.00   -1.6
        0.7s      2.20nm          4.7mb
YKA    115.85  18 ePKP    29 37.50   -0.1
ITR    139.08 251 e(PKP)30 21.00   -2.3X
ALQ    139.38  38 ePKP    30 19.00   -4.6X
        1.0s      4.50nm
SOB1   141.26 249 e(PKP)30 22.00   -5.3X
TUL    144.33  26 iPKPd   30 30.00   -1.9
        0.8s     43.30nm
BAO    144.80 235 e(PKP)30 33.00   -0.4
BHO    146.02  27 iPKPd   30 35.10    0.3
JCT    146.50  37 ePKP    30 36.50    0.7
        1.0s     10.00nm
YJA    151.16 203 ePKPc   30 45.80    2.1
     S.D. = 0.9  on  51 of  59 obs.


   JUN 04, 1985  05h 12m 57.62± 0.97s
   36.635 N ± 6.6km   11.507 W ±10.7km
   DEPTH =  10.0km  (geophysicist)
   4.1mb (  2 obs.)
 NORTH ATLANTIC OCEAN                  (402)

LIS      2.80  41 iPnc    13 44.90    1.7
                  iSn     14 15.50
AVE      4.73 134 iPnd    14 11.00    0.3
                  iSn     14 59.50
PTO      5.04  26 iPnd    14 14.60   -0.3
                  i       14 51.00
                  iSn     15 06.80
MAL      5.70  87 iPnc    14 25.50    1.1
                  iSg     15 28.20
CRT      6.36  83 iPnc    14 35.60    1.8
STS      6.64  19 iPnd    14 37.00   -0.7
        0.3s     13.00nm          5.4mb X
                  iSn     15 45.00
TOL      6.70  59 iPn     14 39.50    0.9
                  ePg     15 03.00
                  iSn     15 50.00
                  eSb     16 13.00
                  iSg     16 33.00
ALM      7.27  86 iPgd    14 46.10   -0.3
        0.4s      0.90nm          4.3mb
                  iSg     14 47.00
TAF      7.61 101 ePn     14 50.00   -1.4
                  iSn     16 16.00
LGR      9.06  47 ePn     15 10.00   -1.4
                  iSn     16 45.00
EPF     11.12  51 Pn      15 40.00    0.3
                  Sn      17 34.40
LFF     12.43  44 Pn      15 56.80   -0.6
                  Sn      18 04.30
LPO     12.54  46 Pn      15 58.10   -0.7
                  Sn      18 07.30
MFF     13.08  37 Pn      16 06.20    0.2
                  Sn      18 21.40
RJF     13.10  45 Pn      16 04.70   -1.5
                  Sn      18 20.80
CAF     13.19  47 Pn      16 05.70   -1.8
                  Sn      18 22.10
TCF     14.08  43 Pn      16 18.00   -1.2
                  Sn      18 42.40
BGF     14.59  43 Pn      16 24.60   -1.3
                  Sn      18 54.90
CDR     14.95  57 ePc     16 31.30    0.7
                  e       19 05.60
AVF     15.01  43 Pn      16 31.00   -0.4
                  Sn      19 06.00
GRC     15.17  41 iPc     16 35.40    1.9
SSF     15.26  42 Pn      16 34.10   -0.5
                  Sn      19 10.80
LBF     15.47  43 Pn      16 37.10   -0.3
                  Sn      19 16.80
LOR     15.58  42 Pn      16 38.90    0.1
                  Sn      19 20.60
DOU     17.78  36 P       17 08.80    2.2
                  S       20 13.70
EKA     19.55  14 Pc      17 29.80    1.6
        0.9s      5.10nm          3.8mb
KHC     22.10  48 eP      17 59.00    4.4X
                  e       18 01.50
KIC     30.76 167 eP      19 14.60   -0.8
SOB1    53.31 217 eP      22 19.40    0.3
     S.D. = 1.2  on  28 of  29 obs

* JUN 04, 1985  05h 20m 30.69± 0.85s
   11.431 S ±13.0km  166.499 E ±17.1km
   DEPTH =  33.0km  (normal)
   5.2mb (  5 obs.)
 SANTA CRUZ ISLANDS                    (184)

VSG      7.02 287 eP      22 15.00    1.1
NOU     10.82 180 iPc     23 08.00    1.6
                  iS      24 58.80
CTA     21.28 244 iP      25 18.80    2.0X
        1.0s     13.00nm          4.3mb
YOU     28.12 213 eP      26 21.40   -0.3
WAM     29.35 210 eP      26 32.50   -0.3
WB2     32.04 251 eP      26 54.20   -2.5
KKM     52.96 287 ePd     29 46.50   -0.2
SPA     78.64 180 e(P)    32 29.30   -1.6
COL     83.46  18 eP      32 55.00   -1.0
PKI     87.47 299 eP      33 17.10    0.0
        0.6s     14.00nm          5.4mb
KKN     87.63 299 eP      33 18.20    0.5
        0.8s     16.00nm          5.3mb
DMN     87.74 299 eP      33 18.80    0.5
        0.7s     25.00nm          5.6mb
GBA     91.74 283 Pc      33 36.10   -0.7
ALQ     94.06  55 eP      33 53.00    5.6X
        1.0s      3.75nm          4.8mb
                  e       34 23.00
SOB1   145.90 126 ePKP    40 07.70   -1.1
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04d 05h

	0.7s	5.50nm				
		e	40	10.50		
		e	40	30.90		
BNG	147.53	260 iPKPc	40	13.60	2.1	
	0.5s	55.00nm				
		id	40	26.00		
BCAO	147.54	260 iPKP	40	13.40	1.9	
	0.7s	29.70nm				
		pP	40	26.10		
ITR	148.11	128 e(PKP)	40	16.00	3.6X	
	S.D = 1.4	on 15 of 18 obs.				

JUN 04, 1985 06h 12m 21.38± 0.43s
3.635 S ± 7.1km 142.818 E ± 8.1km
DEPTH = 33.0km (normal)
5.1mb (4 obs.)
NEAR N COAST OF PAPUA NEW GUINEA(200)

MOM	4.84	71 eP	13	32.50	-1.4	
PMG	7.17	143 eP	14	07.00	0.3	
LMG	7.45	135 eP	14	11.50	0.8	
MTN	14.74	231 eP	15	48.00	-1.4	
		eS	18	23.00		
CTA	16.69	169 eP	16	20.00	5.5X	
WB2	18.19	206 iPc	16	32.20	-1.0	
		iS	19	52.60		
ASPA	21.70	203 eP	17	12.00	0.4	
		eS	21	25.00		
RMO	23.43	167 eP	17	30.00	1.4	
BRS	25.47	159 eP	17	47.00	-1.2	
YOU	30.92	171 eP	18	38.60	1.1	
CAN	32.04	170 eP	18	47.10	-0.2	
WAM	32.88	171 eP	18	54.60	0.1	
PSI	44.32	278 ePd	20	27.50	-2.9	
KRP	45.37	143 P	20	39.10	0.6	
GYA	46.01	313 eP	20	46.20	2.3	
KMI	48.27	309 eP	21	03.00	1.2	
XAN	49.25	322 eP	21	08.60	-0.4	
CN2	49.74	344 eP	21	11.40	-1.2	
CD2	50.66	316 eP	21	20.20	0.3	
PKI	63.37	303 eP	22	51.00	0.5	
	0.6s	5.00nm			4.8mb	
KKN	63.55	303 eP	22	52.20	0.6	
	0.8s	20.00nm			5.3mb	
DMN	63.64	303 eP	22	53.20	1.0	
	0.4s	7.00nm			5.1mb	
GBA	67.08	286 Pd	23	14.20	0.0	
	0.7s	9.60nm			5.0mb	
QUE	79.66	301 eP	24	28.90	1.0	
COL	84.67	24 eP	24	51.00	-1.8	
SPA	86.39	180 e(P)	25	00.70	-0.9	
CNCB	143.42	125 iPKP	31	53.10	-2.8X	
LPB	143.46	124 PKPd	31	53.00	-2.8X	
ZOBO	143.57	124 PKPc	31	53.20	-3.0X	
KIC	147.57	276 ePKP	32	04.80	2.6X	
SJG	148.20	61 e(PKP)	32	04.00	0.9	
VAO	151.86	161 e(PKP)	32	02.00	-6.7X	
VAO	151.86	161 ePKP	32	15.60	6.9X	
	S.D. = 1.2	on 26 of 33 obs.				

* JUN 04, 1985 07h 16m 53.77± 0.94s
39.217 N ± 9.8km 140.920 E ±12.2km
DEPTH = 33.0km (normal)
HONSHU, JAPAN (227)
Felt (I JMA) at Ofunato, Miyoko and Ishinomaki.

MRK	0.52	22 iP	17	05.60	1.0	
		eS	17	14.00		
OFU	0.64	104 iPd	17	07.00	0.7	
		iS	17	18.90		
ISN	0.85	159 Pd	17	10.60	1.4	
		iS	17	25.00		
MIY	0.92	62 iP	17	08.50	-1.8	
		iS	17	21.10		
TSK	3.07	192 eP	17	40.10	-1.0	
MAT	3.43	220 iPd	17	47.00	0.8	
DDR	3.49	204 eP	17	46.80	-0.4	
SRY	3.83	200 eP	17	52.30	0.4	
OYM	4.02	200 eP	17	53.50	-1.1	
	S.D. = 1.3	on 9 of 9 obs.				

? JUN 04, 1985 09h 33m 30.70± 5.45s
44.082 N ±15.7km 129.840 W ±51.5km
DEPTH = 10.0km (geophysicist)
4.2mb (2 obs.)
OFF COAST OF OREGON (30)

BFW	5.26	60 eP	34	49.50	-1.8	
LON	6.25	62 eP	35	05.00	-0.2	
JAS1	9.40	128 e(P)	35	48.10	-1.1	
BMN	10.04	107 e(P)	35	59.00	0.9	
EUR	11.33	109 eP	36	17.00	1.2	
	1.1s	4.94nm			4.8mb	
LRM	12.44	76 eP	36	30.80	-0.1	
EDM	14.20	44 eP	37	04.50	10.7X	
MSU	14.39	107 eP	36	58.00	1.4	
BDW	14.79	88 eP	37	05.00	3.2X	
ALO	20.16	109 eP	38	06.00	-2.1	
	1.0s	4.25nm			3.7mb	
YKA	20.47	20 eP	38	16.00	5.2X	
FFC	20.88	50 eP	38	17.00	1.8	
	S.D. = 1.6	on 9 of 12 obs.				

* JUN 04, 1985 10h 03m 19.53± 2.97s
24.202 N ±14.5km 121.799 E ±32.5km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD	0.22	237 iPc	03	24.00	-0.3	
		eS	03	27.50		
TWC	0.41	6 iPd	03	27.50	-0.4	
		eS	03	34.00		
TATO	0.82	340 eP	03	34.90	-0.5	
TWZ	0.91	347 iPc	03	37.10	0.1	
		eS	03	50.50		
ANP	1.01	345 iPc	03	39.50	0.8	
	0.7s	931.51nm				
		eS	03	48.00		
TWK	1.52	232 iPc	03	47.10	0.3	
		eS	04	08.50		
	S.D. = 0.6	on 6 of 6 obs.				

* JUN 04, 1985 10h 09m 26.80± 3.68s
31.374 S ±15.8km 72.338 W ±29.6km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH	1.95	145 iP	09	57.70	-0.7	
JACH	1.97	132 iPc	09	57.10	-1.6	
PEL	2.25	142 iPc	10	02.40	-0.1	
SAN	2.51	146 iP	10	06.50	0.3	
BACH	2.52	142 iP	10	06.00	-0.3	
TACH	2.56	153 eP	10	07.50	0.6	
FCH	2.61	139 eP	10	07.50	-0.3	
LNV	2.69	163 eP	10	09.40	0.7	
		iS	10	35.60		
PCH	2.72	146 iP	10	00.90	-8.3X	
CHCH	2.92	151 iP	10	12.60	0.6	
RTCB	3.03	93 ePd	10	14.20	0.6	
		S	10	48.00		
ZON	3.13	94 eP	10	17.00	2.0	
RTCV	3.28	99 iPc	10	17.30	0.2	
		(S)	10	56.00		
RTLL	3.31	90 ePc	10	17.40	-0.2	
		(S)	10	57.50		
CFA	3.51	95 ePc	10	20.30	-0.1	
		S	11	02.40		
RFA	4.69	137 ePd	10	36.70	-0.5	
		S	11	45.30		
CYA	6.39	64 iPc	11	00.00	-1.1	
		S	12	11.00		
TCA	6.63	92 e(P)	11	01.00	-3.5X	
		S	12	10.50		
SLA	8.96	44 ePc	11	44.00	6.9X	
	S.D. = 0.9	on 16 of 19 obs.				

JUN 04, 1985 11h 04m 18.67± 0.84s
13.438 N ± 5.3km 89.879 W ± 4.6km
DEPTH = 42.3 ± 7.6 km
5.0mb (59 obs.) 5.0Msz (9 obs.)
EL SALVADOR (73)
Ms 5.4 (BRK).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 18C
Centroid Location:
Origin Time 11:04:17.1 0.5
Lat 12.78N 0.08 Lon 90.66W 0.07
Dep 24.0 4.4 Half-duration 2.0
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.09 0.08 Mtt=-1.16 0.11
Mff= 0.07 0.12 Mrt= 0.94 0.29
Mrf=-0.76 0.23 Mtf= 0.67 0.09
Principal Axes:

	T	Val= 1.61	Plg=65	Azm= 58		
	N	0.30	11	301		
	P	-1.91	22	207		
	Best Double Couple:Mo=1.8*10**24					
	NP1:Strike=276	Dip=26	Slip= 63			
	NP2:	126	67	102		

COM	3.54	322 iP	05	13.00	0.2	
		iS	06	10.00		
PBJ	6.12	300 iP	05	43.00	-6.0X	
VHO	7.61	301 iP	06	06.00	-4.1X	
		iS	07	39.00		
TPM	10.40	303 iP	06	47.50	-1.0	
IIP	10.47	305 iP	06	49.00	-0.7	
UNM	10.68	305 eP	06	52.00	-0.4	
TAC	10.72	305 iP	06	56.50	3.5X	
IIC	10.97	306 eP	06	55.50	-1.0	
OXM	11.07	303 iP	06	58.00	0.2	
UPA	11.07	113 eP+	06	59.20	1.7	
	1.0s	40.00nm			5.5mb	
Z	19s	7.99um				
		i	07	15.00		
GIE	14.09	182 iPc-	07	31.80	-5.8X	
Z	15s	12.66um				
		S	10	14.40		
PSO	17.39	133 eP	08	22.00	1.6	
BOG	17.89	118 iP	08	31.00	4.4X	
		iS	12	04.00		
JCT	19.28	333 iP	08	44.00	1.1	
	0.9s	18.91nm			4.3mb	
Z	20s	3.90um			5.0Msz	
SDV	19.41	101 eP	08	45.10	0.4	
TOV	20.01	98 eP	08	51.50	0.7	
LTX	20.34	323 P	08	53.70	-0.6	
BHO	21.34	349 ePd	09	06.40	2.1	
CAR	22.64	95 eP	09	25.50	8.0X	
TUL	23.00	348 eP+	09	20.90	0.1	
	0.5s	97.90nm			5.5mb	
Z	18s	3.52um			4.9Msz	
N	17s	1.79um				
E	21s	1.34um				
		eS	13	35.00		
OCO	23.03	344 eP	09	21.70	0.6	
BLA	25.14	18 eP	09	44.40	2.9X	
	1.0s	28.00nm			4.8mb	
Z	20s	1.77um			4.6Msz	
ALO	26.13	328 eP	09	50.00	-0.9	
	1.0s	13.75nm			4.5mb	
Z	18s	1.89um			4.7Msz	
NNA	28.38	152 eP	10	09.50	-1.8	
	0.9s	9.24nm			4.4mb	
GLD	29.49	336 P	10	21.70	0.4	
	1.0s	43.50nm			5.1mb	
GOL	29.51	335 eP	10	21.40	-0.2	
	1.1s	16.67nm			4.7mb	
GLA	29.97	315 eP	10	25.00	-0.5	
RMU	30.16	325 eP	10	27.90	0.7	
BAR	31.07	313 eP	10	35.00	-0.2	
TPC	31.41	315 eP	10	38.00	-0.2	
		e	13	30.00		
PLM	31.56	313 eP	10	39.00	-0.7	
MSU	31.85	326 P	10	42.60	0.4	
GSC	32.60	317 eP	10	48.00	-0.6	
MWC	32.87	314 eP	10	51.00	0.0	
RSSD	32.89	341 P	10	51.80	0.6	
	0.6s	14.31nm			5.0mb	
PAS	32.91	314 eP	10	52.00	0.8	
SBB	32.95	315 eP	10	53.00	1.3	
DUG	33.40	327 P	10	55.70	0.1	
	1.1s	26.97nm			5.0mb	
VPEM	33.65	317 P	10	57.90	0.1	
RSNY	33.66	20 eP	10	58.30	0.7	
	1.4s	41.51nm			5.1mb	
BDW	33.82	334 P	10	58.50	-0.8	
	1.0s	9.00nm			4.6mb	
ISA	33.93	316 eP	11	01.00	0.9	
		e	13	39.00		
OTT	34.05	18 eP	11	02.00	1.1	
EUR	34.66	323 iP	11	07.00	0.4	
	0.5s	10.37nm			5.0mb	
MNT	34.81	20 iPd	11	08.30	0.9	
ARE	34.83	148 eP	11	08.00	-0.2	
LHC	34.88	1 eP	11	08.00	0.0	
MNA	35.32	320 ePc	11	12.90	0.8	
		ePcP	13	42.00		
FRI	35.50	317 ePc	11	13.30	-0.1	
PRI	35.69	315 eP	11	14.70	-0.5	

			ePcP	13	13.44		
BMN		36.01	323 P	11	18.50	0.6	
LLA		36.13	315 eP	11	19.00	0.2	
PRS		36.28	315 eP	11	19.90	-0.1	
JAS1		36.48	317 eP	11	22.20	0.4	
			ePcP	13	45.00		
ZOBO		36.52	143 Pc	11	21.20	-1.7	
			LR	22	08.00		
SAO		36.55	315 e(P)	11	24.00	1.7	
LPB		36.74	143 Pc	11	23.90	-0.7	
			S	17	12.00		
			LR	23	00.00		
ARN		36.92	316 P	11	26.20	0.8	
MHC		36.99	316 ePc	11	26.80	0.7	
CNCB		37.03	144 iP	11	25.80	-1.3	
GCC		37.07	315 eP	11	27.10	0.5	
LRM		37.50	334 eP	11	30.40	-0.1	
BKS		37.67	316 eP	11	33.50	1.8	
		1.0s	48.00nm			5.4mb	
	Z	18s	5.00um			5.4Msz	
	N	18s	5.00um				
	E	18s	5.00um				
			e(PcP)	13	50.50		
			eS	17	30.00		
			e	18	26.00		
			eLQ	22	38.00		
			eLR	27	00.00		
ORV		38.09	319 ePc	11	36.70	1.5	
			ePcP	13	41.00		
MIN		38.61	320 ePc	11	40.30	0.6	
GAS		38.93	318 P	11	44.20	1.8	
WDC		39.33	320 eP	11	44.00	-1.5	
			ePcP	13	53.00		
LMHM		39.36	321 P	11	45.50	-0.6	
FHC		40.37	319 ePc	11	55.40	1.2	
TPZ		40.43	149 P	12	06.80	11.6X	
SES		40.70	339 eP	11	56.00	-0.8	
			pP	13	56.00		
NEW		41.42	332 eP	12	02.00	-0.7	
FFC		42.27	350 iPc	12	09.70	0.2	
		0.6s	23.00nm			5.1mb	
YJA		42.70	146 ePd	12	11.80	-2.2	
PNT		43.33	332 eP	12	18.00	-0.2	
		0.9s	44.00nm			5.2mb	
EDM		43.85	340 iPc	12	21.50	-1.0	
		0.7s	42.00nm			5.3mb	
SLA		44.78	148 ePc	12	30.20	-0.2	
SCH		45.06	19 ePc	12	31.50	-0.7	
		0.3s	39.00nm			5.7mb	
BAO		50.50	124 Pc	13	16.70	1.5	
TCA		50.71	152 ePc	13	12.30	-4.2X	
YKC		52.01	346 eP	13	25.00	-0.9	
		0.7s	20.00nm			5.2mb	
YKA		52.06	346 eP	13	25.20	-1.0	
FRB		52 42	12 eP	13	28.00	-0.8	
SOB1		53.58	112 eP	13	37.60	-0.6	
		1.3s	21.60nm			5.0mb	
VAO		55.46	130 eP	13	48.70	-3.2X	
			e	13	55.70		
ITR		55.64	111 eP	13	53.00	-0.2	
		1.0s	22.10nm			5.1mb	
INK		61.55	343 ePc	14	32.10	-1.5	
PMS		63.92	332 eP	14	47.40	-2.0	
KDC		64.22	328 eP	14	53.80	2.5	
COL		64.58	336 eP	14	51.00	-2.6	
		1.1s	22.15nm			5.1mb	
FBA		64.58	336 eP	14	51.50	-2.1	
		1.0s	17.50nm			5.1mb	
MBC		64.73	353 eP	14	53.00	-1.4	
		0.8s	33.00nm			5.4mb	
TTA		67.33	333 eP	15	09.00	-2.3	
ALE		69.97	4 ePc	15	25.40	-1.8	
		0.8s	22.00nm			5.2mb	
DAG		72.71	13 iPd	15	42.20	-1.5	
		0.7s	17.12nm			5.1mb	
EKA		77.21	36 Pc	16	08.90	-0.9	
		0.9s	17.50nm			5.1mb	
ADK		77.60	321 eP	16	11.00	-1.0	
TOL		78.35	52 eP	16	18.00	1.5	
			eS	26	42.00		
			eSS	31	50.00		
MAL		78.51	55 iPd	16	18.60	1.3	
			eS	26	20.00		
LPF		79.37	43 eP	16	21.00	-0.8	
		1.0s	20.00nm			5.0mb	
GRR		79.44	43 eP	16	21.60	-0.6	
		1.0s	24.60nm			5.1mb	

FLN		79.64	42 eP	16	22.60	-0.6	
		1.0s	16.00nm			4.9mb	
MFF		80.19	44 eP	16	25.70	-0.5	
		1.0s	8.00nm			4.6mb	
LFF		81.08	46 eP	16	30.50	-0.4	
		1.0s	16.20nm			4.9mb	
EPF		81.13	48 eP	16	30.90	-0.4	
		1.0s	14.80nm			4.9mb	
LSF		81.39	45 eP	16	31 40	-1.2	
		0.9s	6.00nm			4.6mb	
LPO		81.44	46 eP	16	32.40	-0.4	
		1.1s	16.60nm			4.9mb	
RJF		81.55	46 eP	16	32.80	-0.7	
		1.0s	9.60nm			4.8mb	
EBR		81.63	50 (P)	16	36.00	2.1	
TCF		81.85	44 eP	16	33.90	-1.1	
		0.9s	5.10nm			4.5mb	
CAF		82.01	46 eP	16	35.10	-0.8	
		1.0s	6.00nm			4.6mb	
MZF		82.12	44 eP	16	35.40	-1.0	
		0.9s	10.60nm			4.9mb	
BGF		82.23	44 eP	16	36.20	-0.7	
		0.9s	10.00nm			4.9mb	
GRC		82.24	43 iPd	16	36.80	-0.1	
AVF		82.53	44 eP	16	37.40	-1.1	
		1.0s	6.20nm			4.6mb	
SSF		82.57	43 eP	16	37.60	-1.1	
		1.0s	10.00nm			4.8mb	
DBN		B2.60	38 eP	16	39.00	0.3	
	Z	20s	0.50um			4.9Msz	
DOU		82.66	40 Pc	16	39.50	0.4	
	Z	18s	1.20um			5.3Msz	
			ScS	27	09.00		
LOR		B2.77	43 eP	16	38.80	-0.9	
		1.0s	20.80nm			5.1mb	
SMF		82.88	44 eP	16	39.30	-1.1	
		1.0s	8.00nm			4.7mb	
LBF		82.91	44 eP	16	39.30	-1.2	
		1.0s	5.50nm			4.6mb	
WIT		83.33	37 eP	16	44.50	2.1	
ENN		83.34	39 eP	16	42.00	-0.6	
		1.0s	21.00nm			5.2mb	
MEM		83.43	40 P	16	43.30	0.3	
WTS		83.60	38 iPd	16	44.80	1.0	
		1.0s	16.00nm			5.1mb	
NB2		83.65	29 P	16	44.20	0.2	
		0.9s	6.70nm			4.7mb	
WLF		83.74	41 Pc	16	44.70	0.1	
KIC		83.84	85 eP	16	46.50	0.7	
HAU		84.25	42 eP	16	46.70	-0.6	
		0.9s	10.70nm			5.0mb	
BSF		84.58	42 eP	16	48.30	-0.7	
		1.0s	14.80nm			5.1mb	
CDF		84.75	42 eP	16	49.30	-0.6	
		0.9s	7.80nm			4.9mb	
GWF		84.84	41 eP	16	49.20	-1.0	
HFS		85.09	29 eP	16	51.10	-0.1	
		0.6s	6.70nm			5.0mb	
	Z	21s	1.23um			5.3Msz	
			LR	47	19.00		
EMS		85.10	44 eP	16	51.80	0.0	
DIX		85.42	44 eP	16	54.00	0.5	
FRF		85.52	46 eP	16	53.60	-0.1	
		1.0s	12.50nm			5.1mb	
SLE		B5.71	42 eP	16	54.20	-0.4	
ZUL		85.71	42 eP	16	54.80	0.2	
MMK		85.80	44 eP	16	56.00	0.6	
LLS		86.27	43 eP	16	58.10	0.5	
MOX		86.87	39 eP	17	00.00	-0.2	
GRF		86.91	40 eP	17	01.30	0.9	
		1.1s	19.00nm			5.2mb	
	Z	19s	0.90um			5.2Msz	
OSS		87.08	43 eP	17	01.80	0.3	
CVF		87.35	47 eP	17	02.20	-0.5	
		0.8s	6.70nm			4.9mb	
CLL		87.50	38 iPc	17	03.40	0.2	
		1.3s	21.00nm			5.2mb	
	Z	20s	0.50um			4.9Msz	
WET		88.11	40 iPc	17	06.90	0.7	
		1.2s	27.00nm			5.4mb	
KHC		88.55	40 iP	17	09.10	0.8	
		0.9s	12.00nm			5.2mb	
PRU		88.86	39 eP	17	09.50	-0.2	
KBA		89.06	42 ePc	17	11.00	0.0	
		1.0s	11.30nm			5.2mb	
KJF		89.40	23 eP	17	12.00	-0.1	
SUF		89.53	24 iP	17	13.30	0.6	

ZST		91.06	40 e(P)	17	20.50	0.5	
BUL		121.01	106 iPKPc	23	10.30	1.0	
BJI		121.54	337 ePKP	23	08.50	-1.0	
KRI		121.68	102 iPKPc	23	12.00	1.4	
HHC		122.45	341 ePKP	23	11.80	0.4	
WMO		122.98	2 ePKP	23	13.00	0.7	
MTD		123.56	101 ePKP	23	15.00	0.8	
TIA		124.42	334 ePKP	23	14.70	-0.5	
GTA		126.66	351 PKP	23	20.60	0.9	
LZH		129.07	346 PKP	23	26.00	1.6	
XAN		129.51	340 ePKP	23	25.10	0.0	
QUE		131.22	27 ePKP	23	30.50	1.8	
CD2		134.00	344 ePKP	23	34.80	1.1	
NDI		136.31	17 ePKP	23	39.00	0.9	
WB2		137.24	255 ePKP	23	39.80	-0.3	
KKN		138.75	7 ePKP	23	44.40	1.4	
		1.0s	24.00nm				
DMN		138.91	7 ePKP	23	45.00	1.6	
CHTO		146.79	345 ePKP	23	58.30	1.4	
		1.2s	56.60nm				
LOE		147.28	339 ePKP	23	58.00	0.3	
HYB		147.28	21 ePKP	24	00.00	2.3X	
NST		149.43	341 ePKP	24	06.80	5.8X	
GBA		150.34	26 PKPc	24	04.50	2.1X	
		0.8s	72.30nm				
KHT		150.73	343 ePKP	24	09.80	6.8X	
KOD		153.34	29 ePKP	24	15.80	8.5X	
		S.D. = 1.0	on 160 of 175 obs.				

JUN 04, 1985 11h 15m 07.17± 0.56s
22.018 S ± 8.2km 67.412 W ± 9.1km
DEPTH = 206.7 ± 9.5 km
4.3mb (3 obs.)
CHILE-BOLIVIA BORDER REGION (124)

TPZ		1.33	294 iPd	15	42.60	1.8	
			iS	16	04.90		
YJA		1.78	95 iPd	15	43.90	-0.9	
TPL		2.60	268 iPd	15	52.20	-0.7	
			iS	16	24.80		
SLA		3.22	147 iPc	16	01.80	1.4	
			(S)	17	12.40		
ANT		3.24	238 iPc	16	00.50	0.1	
			iS	16	38.60		
CNCB		5.21	354 iP	16	26.20	0.6	
			iS	17	26.00		
LPB		5.49	353 iPd	16	30.00	0.9	
		0.9s	521.01nm			5.7mb X	
ZOBO		5.76	353 iPc	16	32.50	-0.2	
ARE		6.74	324 iPc	16	42.20	-2.9	
			iS	17	55.00		
TCA		9.62	165 ePc	17	21.20	-1.2	
NNA		13.44	316 eP	18	11.00	-0.1	
		1.1s	69.62nm			5.0mb X	
VAO		1B.92	97 eP	19	14.50	-0.2	
BAO		19.44	74 eP	19	20.30	0.2	
			e	19	22.90		
SOB1		28.48	68 eP	20	45.10	-0.2	
		0.4s	2.40nm			4.3mb	
ITR		30.82	69 eP	21	05.60	-0.3	
		0.5s	2.60nm			4.2mb	
			e	21	07.40		
ALQ		67.69	326 eP	25	46.20	1.9	
		1.0s	7.00nm			4.3mb	
YKC		92.09	340 eP	27	57.00	3.6X	
		S.D. = 1.3	on 16 of 17 obs.				

JUN 04, 1985 12h 06m 03.77± 0.24s
0.379 S ± 4.4km 19.541 W ± 4.5km
DEPTH = 10.0km (geophysicist)
5.1mb (47 obs.) 5.4Msz (11 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 29C
Centroid Location:
Origin Time 12:06:12.4 0.3
Lat 0.08N 0.03 Lon 19.07W 0.03
Dep 10.0 Fix Half-duration 2.4
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.39 0.07 Mtt= 1.31 0.12
Mff=-0.91 0.14 Mrt= 0.17 0.33
Mrf= 0.23 0.32 Mtf=-3.27 0.06
Principal Axes:

T	Val= 3.65	Plg= 0	Azm=216
N	-0.37	84	306
P	-3.29	6	126

04d 12h

Best Double Couple:Mo=3.5*10**24
NP1:Strike=261 Dip=86 Slip=-176
NP2: 170 86 -4

KIC	16.22	65	eP	09 53.00	-0.4
			S	12 40.00	
SOB1	23.00	247	eP	11 09.90	-0.1
			e	11 18.80	
			e	11 23 50	
BAO	31.91	240	e(P)	12 18.20	-13.9X
AVE	35.39	18	iP	13 02.00	0.2
			i	14 10.00	
BCAO	38.34	82	eP	13 27.30	0.3
BNG	38.35	82	iPc	13 27.60	0.5
	1.0s	73.00nm		5.4mb	
			id	13 49.30	
			ic	15 06.80	
TAF	38.50	23	iP	13 30.00	1.9
MAL	39.50	19	iPd	13 36.80	0.5
			iPP	15 10.00	
			eS	19 24.00	
CRT	40.19	20	iP	13 45.00	2.9X
WIN	41.91	124	eP	14 10.50	13.9X
	1.0s	30.00nm			
TOL	42.50	18	iPd	14 02.50	1.6
	1.0s	5.00nm		4.2mb	
			e(PP)	15 45.00	
			iS	20 30.00	
			iSS	23 10.00	
EPF	46.76	20	eP	14 35.90	0.8
	1.2s	38.60nm		5.3mb	
MLS	46.95	21	eP	14 37.50	0.9
LPO	48.50	20	eP	14 48.90	0.2
	1.0s	21.60nm		5.2mb	
LFF	48.58	19	eP	14 49.60	0.3
	1.1s	31.60nm		5.3mb	
CAF	49.02	20	eP	14 52.40	-0.3
	1.0s	16.00nm		5.0mb	
RJF	49.16	20	eP	14 53.60	-0.2
	1.1s	16.60nm		5.0mb	
CDR	49.35	24	ePc	14 55.30	0.0
			e	15 01.80	
			e	15 09.40	
			e	16 47.00	
LMR	49.38	25	eP	14 55.40	-0.1
	1.0s	18.50nm		5.0mb	
LRG	49.42	25	eP	14 56.10	0.3
	1.0s	12.50nm		4.9mb	
FRF	49.62	25	eP	14 57.10	-0.3
	0.9s	8.10nm		4.7mb	
YJA	49.70	241	e(P)	15 01.00	2.1
MFF	49.79	17	eP	14 58.60	0.0
	1.0s	41.60nm		5.4mb	
CVF	49.81	27	eP	14 58.70	-0.2
	1.2s	18.50nm		4.9mb	
LSF	50.00	19	eP	15 00.10	-0.2
	1.0s	16.60nm		5.0mb	
TCF	50.26	20	eP	15 02.10	-0.1
	1.0s	7.40nm		4.6mb	
MZF	50.32	20	eP	15 03.00	0.3
	1.0s	25.90nm		5.1mb	
CNCB	50.41	248	P	15 05.00	0.5
ZOBO	50.42	249	eP	15 02.60	-2.0
LPB	50.45	249	Pc	14 57.10	-7.6X
			LR	30 27.00	
SWZ	50.63	126	iPc	15 05.50	0.0
	0.5s	24.65nm		5.4mb	
BGF	50.71	20	eP	15 05.80	0.2
	1.2s	24.00nm		5.0mb	
LPF	50.83	16	eP	15 06.30	-0.2
	1.0s	18.50nm		5.0mb	
BUL	51.02	116	iPc	15 07.80	-0.8
KRI	51.08	111	eP	15 08.00	-1.1
AVF	51.08	20	eP	15 08.70	0.3
	1.0s	14.50nm		4.9mb	
GRR	51.20	16	eP	15 09.20	-0.1
	0.9s	29.60nm		5.2mb	
SSF	51.37	20	eP	15 10.60	0.0
	1.2s	32.70nm		5.1mb	
GRC	51.43	20	iPd	15 11.90	0.9
LBF	51.47	20	eP	15 11.10	-0.3
	1.0s	22.20nm		5.0mb	
FLN	51.65	16	eP	15 12.80	0.1
	1.0s	24.00nm		5.1mb	
LOR	51.67	20	eP	15 12.60	-0.4
	1.1s	21.90nm		5.0mb	
EMS	51.80	23	ePd	15 14.70	0.6

FIR	51.85	28	eP	15 06.00	-8.3X
			S	22 50.00	
DIX	51.99	24	ePd	15 16.50	0.8
MMK	52.19	24	ePd	15 17.80	0.6
SLR	52.52	123	eP	15 19.00	-0.9
	1.0s	35.00nm		5.2mb	
Z	20s	3.55um		5.4Msz	
MTD	52.91	111	eP	15 22.00	-0.8
SEK	52.95	126	eP	15 22.60	-0.5
HAU	53.18	21	eP	15 23.50	-0.8
	1.0s	24.60nm		5.1mb	
BSF	53.20	22	eP	15 23.70	-0.8
	0.9s	16.30nm		5.0mb	
VLS	53.24	39	eP	15 25.00	0.2
LLS	53.28	24	eP+	15 25.30	0.1
ZUL	53.53	23	ePd	15 26.60	-0.2
OSS	53.61	25	ePd	15 26.70	-0.9
SAX	53.72	24	ePd	15 27.40	-1.2
SLE	53.80	23	ePd	15 28.70	-0.1
CDF	53.86	22	eP	15 28.30	-1.0
	1.0s	13.60nm		4.9mb	
DOU	54.36	19	Pc	15 32.90	0.1
Z	22s	4.80um		5.5Msz	
			S	23 12.00	
BUH	54.44	22	eP	15 33.40	-0.1
GWF	54.46	22	iPd	15 33.20	-0.5
TRI	54.48	28	iP	15 33.90	0.1
			eS	23 13.00	
			eSS	27 42.00	
			eSSS	30 06.00	
DCN	54.50	9	eP	15 33.60	-0.2
WLF	54.51	20	P	15 34.00	0.1
			S	23 18.00	
DLE	54.57	10	eP	15 34.00	-0.3
	0.7s	40.00nm		5.6mb	
TET	54.65	110	eP	15 36.00	0.5
BOG	54.69	276	eP	15 40.00	3.7X
			eS	23 17.00	
VOY	54.78	28	iPc	15 35.50	-0.7
UCC	54.89	18	P	15 37.00	0.3
			S	23 22.00	
NPS	55.02	45	eP	15 40.00	2.0
OHR	55.14	37	eP	15 39.00	0.2
ATH	55.14	41	eP	15 38.80	0.0
KZN	55.24	38	eP	15 40.00	0.4
FUR	55.25	25	iPd	15 39.30	-0.1
MEM	55.26	20	Pc	15 40.40	1.0
			e	15 53.00	
KBA	55.31	27	iPd	15 39.50	-0.6
	1.0s	19.00nm		5.1mb	
			i	15 48.40	
			i	16 16.00	
ENN	55.37	19	iPd	15 41.00	0.8
	1.0s	46.00nm		5.5mb	
			e	15 54.00	
BHG	55.59	26	eP	15 33.60	-8.3X
	1.0s	40.00nm		5.4mb	
TNS	55.80	21	eP	15 43.30	-0.1
SKO	56.04	36	iP	15 44.50	-0.7
			iS	23 35.50	
DBN	56.28	18	eP	15 49.00	2.3
Z	20s	3.50um		5.4Msz	
			iS	23 40.00	
VAY	56.33	37	iP	15 47.40	0.1
			iPg	16 46.50	
			iSg	16 52.70	
GRF	56.42	23	eP	15 47.70	-0.2
Z	18s	2.00um		5.3Msz	
WET	56.68	25	eP	15 49.40	-0.3
	1.0s	39.00nm		5.4mb	
WTS	56.71	19	iPd	15 50.50	0.7
	1.9s	55.00nm		5.5mb	
			e	16 03.50	
KHC	56.96	25	iPd	15 51.40	-0.4
	1.0s	17.00nm		5.0mb	
Z	13s	0.70um		4.9MszX	
N	12s	0.50um			
E	12s	0.50um			
EKA	57.13	11	Pd	15 52.50	-0.2
	1.2s	25.60nm		5.1mb	
MMB	57.19	38	eP	15 54.00	0.5
SOP	57.24	28	eP	15 53.80	0.1
MOX	57.33	23	eP	15 53.50	-0.8
	1.6s	49.00nm		5.3mb	
Z	26s	2.30um		5.2MszX	
N	18s	1.40um			
			e	16 13.00	

			eS	23 45.00	
WIT	57.36	19	eP	15 55.00	0.6
			e	16 09.50	
VTS	57.46	36	iPc	15 56.00	0.7
PRK	57.51	41	eP	15 56.50	0.8
PSO	57.80	272	eP	15 57.00	-1.7
ZST	57.86	28	iP	15 57.50	-0.5
PRU	58.02	25	eP	15 57.50	-1.6
Z	18s	1.80um		5.2Msz	
N	14s	1.00um			
E	18s	1.70um			
			S	24 00.00	
KDZ	58.22	38	iP	16 00.00	-0.7
CLL	58.40	23	eP	16 06.00	4.3X
	1.7s	37.00nm		5.2mb	
Z	18s	1.00um		5.0Msz	
			e	16 20.00	
			eS	24 06.00	
DIM	58.59	38	eP	16 01.00	-2.2
CLO	58.73	34	eP	16 15.00	10.9X
PVL	58.96	37	iPd	16 06.00	0.2
KSP	59.41	26	eP	16 08.00	-0.8
JMB	59.44	38	eP	16 09.00	-0.1
SPC	60.05	29	eP	16 13.90	0.4
PRNI	60.12	54	eP	16 14.50	0.5
NOH	60.21	54	eP	16 14.50	-0.2
BUC	60.23	36	eP	16 14.00	-0.5
UPA	60.46	280	(P)	16 16.50	-0.1
			e	24 32.00	
MLR	60.76	35	ePd	16 17.00	-1.3
JER	60.77	53	e(P)	16 15.00	-3.5X
MUD	61.22	18	iP	16 21.70	0.7
	0.9s	23.00nm		5.3mb	
VRI	61.43	35	eP	16 40.00	17.4X
COP	61.64	20	eP	16 27.00	3.1X
Z	18s	2.75um		5.5Msz	
			iS	24 50.00	
HRI	61.73	51	eP	16 25.00	-0.1
CFR	61.88	36	eP	16 24.00	-1.7
HFS	65.61	18	eP	16 48.70	-1.2
	0.4s	11.50nm		5.4mb	
Z	16s	2.24um		5.5MszX	
			LR	38 16.00	
NB2	65.64	16	P	16 49.60	-0.5
	1.0s	22.30nm		5.3mb	
UPP	66.64	19	iP	16 55.30	-1.2
AVY	68.42	110	eP	17 10.80	2.1
NUR	69.57	22	eP	17 14.00	-0.7
Z	19s	2.30um		5.4Msz	
			eS	26 24.00	
			LR	50 40.00	
SUF	71.58	20	iP	17 26.30	-0.6
	0.6s	11.80nm		5.2mb	
KJF	73.08	20	iP	17 36.00	0.2
	0.7s	17.40nm		5.3mb	
Z	20s	2.10um		5.4Msz	
			eS	27 08.00	
			LR	46 40.00	
SOD	74.82	17	iP	17 45.90	0.1
KEV	76.51	15	iP	17 56.00	0.6
	0.7s	16.00nm		5.2mb	
			eS	27 44.00	
LHC	76.94	320	eP	18 01.50	3.3X
BHO	78.12	305	eP	18 05.30	0.3
TUL	79.10	307	eP	18 09.30	-1.1
	0.9s	15.40nm		5.0mb	
Z	20s	0.93um		5.1Msz	
MHI	81.39	53	eP	18 24.00	1.3
JCT	81.80	301	e(P)	18 27.20	2.4
FFC	85.93	325	eP	18 45.00	-0.2
	1.1s	10.00nm		4.9mb	
QUE	87.15	60	eP	18 53.50	1.5
ALQ	87.68	305	eP	18 54.00	-0.5
	1.1s	8.54nm		5.0mb	
Z	20s	1.06um		5.3Msz	
SPA	89.62	180	e(P)	19 04.40	1.4
EDM	92.59	323	eP	19 15.50	-1.3
YKC	92.62	332	eP	19 17.00	0.3
YKA	92.68	332	eP	19 17.80	0.8
ASPA	144.84	135	iPKPc	25 43.10	-0.5
	1.0s	73.00nm			
WB2	147.41	130	ePKP	25 55.70	7.8X

S.D. = 0.8 on 124 of 138 obs.

JUN 04, 1985 12h 09m 33.55± 0.79s
33.085 S ± 9.2km 70.423 W ± 7.6km
DEPTH = 10.0km (geophysicist)

CHILE-ARGENTINA BORDER REGION (127)
Felt (III) at Santiago. Felt strongly at Valparaiso, Chile.

PEL	0.23	255	iPd	09	38.30	-0.2
RTCV	2.01	53	ePd	10	10.30	2.4X
			S	10	52.00	
RTCB	2.11	41	ePd	10	10.00	0.6
			S	10	49.40	
RFA	2.34	136	ePd	10	13.20	0.5
RTLL	2.41	44	eP	10	13.80	0.1
			S	10	56.30	
TCA	5.24	72	ePc	10	52.80	-1.1
			S	12	04.60	
SLA	9.38	29	e(P)	11	56.00	4.1X
TPL	10.95	1	iP	12	13.30	0.1
YJA	11.71	23	ePc	12	40.00	15.9X

S.D. = 0.8 on 6 of 9 obs.

JUN 04, 1985 12h 24m 36.89± 0.47s
4.632 S ± 8.6km 140.674 E ± 6.1km
DEPTH = 33.0km (normal)
4.9mb (3 obs.)

WEST IRIAN (201)

MDG	5.12	97	eP	25	55.00	1.6
MOM	7.19	69	eP	26	22.00	-0.5
PMG	7.99	127	eP	26	33.00	-0.7
LMG	8.55	120	eP	26	40.50	-1.1
MTN	12.47	229	eP	27	35.00	0.1
			eS	29	51.00	
CTA	16.30	161	iPd	28	29.00	4.0X
WB2	16.42	201	eP	28	26.20	-0.4
			eS	31	23.10	
ASPA	20.02	198	iPd	29	10.80	0.8
	0.9s	50.00nm			4.8mb	
			e	29	23.00	
			eS	32	46.00	
PKI	62.14	304	eP	34	57.40	-0.6
	0.8s	7.00nm			4.8mb	
KKN	62.33	305	eP	34	58.90	-0.1
	0.8s	24.00nm			5.4mb	
DMN	62.41	304	eP	34	59.60	0.0
QUE	78.36	302	eP	36	36.40	0.1
LPB	144.62	127	PKP	44	15.00	1.7
ZOBO	144.75	127	PKPc	44	13.10	-0.6
KIC	145.54	274	ePKP	44	14.00	-0.5
			i	44	23.90	

S.D. = 0.9 on 14 of 15 obs.

? JUN 04, 1985 12h 37m 09.87± 1.60s
12.824 N ±30 0km 142.251 E ± 9.2km
DEPTH = 33.0km (normal)

SOUTH OF MARIANA ISLANDS (210)

PJG	2.66	73	eP	37	51.30	0.0
BAG	21.27	282	ePn	41	55.00	-1.0
MAT	23.89	352	(P)	42	21.00	-0.5
BJI	35.52	324	eP	44	05.00	-0.7
XAN	36.91	311	eP	44	17.00	-0.6
KMI	39.17	294	Pc	44	37.50	0.6
BTO	39.54	320	eP	44	41.00	1.4
CD2	39.75	303	eP	44	41.40	0.0
LZH	41.54	311	eP	44	57.00	0.8
GTA	45.80	313	P	45	30.60	0.0

S.D. = 0.8 on 10 of 10 obs.

? JUN 04, 1985 12h 41m 42.18± 1.52s
51.564 N ±26.9km 163.380 E ±27.1km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)

OFF EAST COAST OF KAMCHATKA (219)

MAT	23.35	240	(P)	46	49.00	0.7
	1.0s	11.00nm			4.3mb	
YKA	42.93	42	eP	49	38.80	-0.1
KJF	59.53	339	eP	51	44.00	-0.1
CHTO	59.63	262	eP	51	44.20	-1.1
	0.8s	3.11nm			4.5mb	
SUF	61.17	339	iP	51	55.40	0.1
	0.5s	2.00nm			4.5mb	
NB2	65.55	346	P	52	24.60	0.4
	0.9s	2.70nm			4.3mb	

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

• JUN 04, 1985 14h 56m 23.90± 1.52s
23.796 N ±10.2km 121.748 E ±18.5km
DEPTH = 31.1 ± 9.8 km

TAIWAN (244)

TWD	0.32	334	iPc	56	32.00	0.4
			eS	56	37.50	
TWF1	0.61	223	iPc	56	35.50	-0.6
TWC	0.81	6	iPc	56	39.20	0.1
TWQ	0.96	300	iP	56	41.10	-0.2
			eS	56	54.00	
TWG	1.15	213	iPc	56	44.20	0.3
			eS	56	59.50	
TATO	1.20	349	e(P)	56	44.10	-0.4
TWK	1.27	246	iPc	56	46.10	0.4
			eS	57	02.00	

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

? JUN 04, 1985 15h 45m 22.21± 6.36s
16.205 S ±52.4km 27.928 E ±37.0km
DEPTH = 33.0km (normal)

ZAMBIA (576)

KRI	1.73	111	iPg	45	50.00	-0.6
MTD	3.55	100	iPn	46	17.00	0.5
			iPg	46	23.00	
BUL	3.97	171	iPnd	46	23.60	1.1
			iPg	46	33.00	
			eSg	47	13.00	
TET	5.43	90	eP	45	51.00	-52.0X
			iSn	46	44.00	
			iSg	47	40.00	
			iLg	47	49.00	
SLR	9.49	178	eP	47	39.00	-0.8
	0.9s	17.65nm			5.3mb X	
			S	49	17.00	
EVA	10.31	174	eP	47	51.50	0.4
			S	49	32.00	
BFS	10.69	186	eP	47	55.50	-0.8
	1.0s	40.00nm			5.6mb X	
			(S)	49	49.00	
SWZ	11.19	192	eP	48	04.00	0.9
			S	50	01.00	
SEK	12.06	181	eP	48	14.20	-0.7
			S	50	13.20	

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

• JUN 04, 1985 16h 33m 22.49± 1.39s
13.229 N ±13.2km 90.133 W ±14.1km
DEPTH = 49.0 ± 14.8 km
4.6mb (14 obs.) 4.1Msz (2 obs.)

NEAR COAST OF GUATEMALA (71)

COM	3.57	328	iP	34	18.00	1.0
PBJ	6.01	303	iP	34	48.50	-2.7
			iS	35	55.00	
VHO	7.51	303	iP	35	11.00	-1.4
			iS	36	36.00	
TPM	10.31	305	iP	35	51.00	0.1
OXM	10.98	305	eP	36	02.00	1.9
BOG	18.02	117	eP	37	32.00	0.5
JCT	19.35	334	eP	37	47.50	0.5
	1.0s	14.00nm			4.2mb	
LTX	20.36	324	eP	37	57.70	0.0
	1.0s	1.40nm			3.2mb X	
BHO	21.49	349	eP	38	10.30	1.3
TUL	23.15	348	eP	38	25.60	0.2
	0.8s	20.00nm			4.6mb	
	Z 18s	1.05um			4.3Msz	
			e(S)	43	00.00	
ALQ	26.18	328	eP	38	55.00	0.5
	1.0s	3.25nm			3.8mb	
RSSD	33.01	341	eP	39	54.90	-0.5
	0.6s	3.10nm			4.3mb	
BDW	33.90	334	eP	40	02.80	-0.3
	0.9s	1.37nm			3.9mb	
EUR	34.68	324	iP	40	12.00	2.1
	0.2s	10.61nm			5.4mb	
BMN	36.03	324	eP	40	23.10	1.9
	1.0s	5.25nm			4.4mb	
ZOBO	36.50	143	Pc	40	26.50	0.6
	Z 20s	0.18um			3.8Msz	
			LR	51	08.00	
LPB	36.72	143	P	40	27.00	-0.5
			LR	51	04.00	
LRM	37.58	334	eP	40	34.80	0.5
TPZ	40.38	148	(P)	40	51.00	-7.0X
FFC	42.43	350	iPc	41	14.30	0.3
	0.6s	11.00nm			4.8mb	
EDM	43.96	340	iPc	41	26.40	-0.1
SCH	45.34	19	eP	41	36.90	-0.6
	0.4s	19.00nm			5.3mb	
YKC	52.16	346	ePc	42	29.20	-0.8
	0.7s	11.00nm			5.0mb	
YKA	52.20	346	eP	42	30.00	-0.3
SOB1	53.73	112	eP	42	46.40	4.1X
INK	61.68	343	ePc	43	36.60	-0.9
MBC	64.90	353	eP	43	58.00	-0.6
	0.7s	8.00nm			4.9mb	
ALE	70.19	4	ePc	44	30.40	-1.2
	0.7s	5.00nm			4.6mb	
DAG	72.97	13	iPd	44	47.30	-1.0
	0.2s	11.11nm			5.4mb	
EKA	77.53	36	Pd	45	13.10	-1.5
	0.8s	4.40nm			4.5mb	
KIC	84.10	85	eP	45	51.30	1.2
CHTO	146.93	344	ePKP	53	02.70	2.7X
	1.3s	15.52nm				
LOE	147.38	339	ePKP	53	08.00	7.2X
GBA	150.63	25	PKPd	53	12.10	6.3X
	0.7s	16.90nm				

S.D. = 1.2 on 29 of 34 obs.

• JUN 04, 1985 16h 43m 37.08± 1.91s
6.177 S ±13.0km 151.880 E ±24.5km
DEPTH = 33.0km (normal)

NEW BRITAIN REGION (192)

RAB	1.99	8	iPd	44	09.00	-0.1
	0.5s	112.68nm				
			iS	44	36.00	
LMG	4.59	234	eP	44	45.00	-1.1
PMG	5.68	235	eP	45	02.00	0.6
MOM	6.07	312	eP	45	07.00	0.1
WB2	21.85	230	eP	48	29.30	0.5

S.D. = 1.0 on 5 of 5 obs.

? JUN 04, 1985 17h 08m 10.43±13.95s
40.204 N ±103.km 14.955 E ±66.7km
DEPTH = 10.0km (geophysicist)

SOUTHERN ITALY (390)

FIR	4.51	324	e(Pn)	09	20.00	-0.3
CVF	5.15	299	Pn	09	31.30	1.9
			Sn	10	11.90	
CEY	5.55	356	eP	09	48.00	13.0X
			e(Sn)	10	16.90	
TRI	5.57	351	eP	10	16.20	40.9X
LJU	5.84	357	eP	09	38.70	-0.5
			e(Sn)	10	14.60	
VOY	5.88	353	e(Pn)	09	30.50	-9.2X
			e(Sn)	10	20.50	
			e(Sg)	10	43.80	
KBA	6.97	351	e(Pn)	09	56.00	0.8
			i	10	18.90	
			eSn	10	47.00	
LMR	7.04	299	Pn	09	55.60	-0.5
FRF	7.05	301	Pn	09	55.20	-1.0
LRG	7.19	300	Pn	09	57.80	-0.4
KHC	8.98	354	eP	10	22.90	-0.1
			e	11	35.10	

S.D. = 1.1 on 8 of 11 obs.

% JUN 04, 1985 17h 12m 45.01± 0.64s
40.784 N ± 5.0km 28.001 E ± 7.2km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

EDC	0.45	194	iPg	12	53.80	-0.3
			iSg	13	01.80	
CTT	0.49	42	iPg	12	55.10	0.2
			iSg	13	03.10	
KCT	0.60	153	iPg	12	57.10	0.0
KGT	0.63	238	iPg	12	57.10	-0.5
			iSg	13	05.10	
DMK	1.05	350	iPg	13	04.50	-0.4
			iSg	13	19.50	
DST	1.27	158	ePn	13	08.60	0.0
EZN	1.60	234	iPn	13	14.40	1.0

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

% JUN 04, 1985 17h 17m 04.92± 0.89s
60.310 N ± 6.0km 5.234 E ±11.7km
DEPTH = 10.0km (geophysicist)

SOUTHERN NORWAY (535)
DUR 2.0 (BER).

04d 17h

```
ASK      0.17 354 iPg    17 08.90   0.1
                  iSg    17 12.40
SUE      0.79 343 iPn    17 20.10  -0.1
                  iSn    17 31.40
ODD      0.80 116 ePg    17 20.50   0.0
                  eSg    17 30.60
HYA      0.98  28 iPn    17 23.50   0.0
                  eSn    17 39.20
KMY      1.10 180 iPn    17 25.60   0.0
                  iSn    17 40.10
      S.D. = 0.1  on   5 of   5 obs.

%  JUN  04, 1985  18h 52m 15.85± 0.74s
   40.814 N ± 5.3km    27.933 E ± 8.3km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

EDC      0.47 186 iPg    52 25.30  -0.1
                  iSg    52 32.80
CTT      0.50  48 iPg    52 26.10   0.1
KGT      0.60 233 ePg    52 28.00   0.0
                  eSg    52 36.10
KCT      0.65 150 ePg    52 28.10  -0.7
DMK      1.02 353 iPn    52 35.00  -0.1
DST      1.32 156 ePn    52 41.10   0.8
      S.D. = 0.7  on   6 of   6 obs.

*  JUN  04, 1985  19h 56m 41.13± 1.49s
   40.185 N ± 7.7km    23.915 E ±12.2km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)

OUR      0.16  19 ePg    56 44.30  -0.5
                  eSg    56 46.90
PAIG     0.31 215 ePg    56 47.60  -0.1
                  eSg    56 51.60
SOH      0.77 326 ePg    56 55.80  -0.3
                  eSg    57 05.30
THE      0.85 302 ePg    56 56.70  -0.8
                  eSg    57 09.20
SRS      0.96 345 ePg    56 59.70   0.2
                  eSg    57 13.40
LIT      1.13 266 ePgd   57 01.60  -0.1
                  eSg    57 16.90
KNT      1.25 322 ePgc   57 03.60  -0.7
                  eSg    57 21.90
GRG      1.39 304 ePb    57 06.60   0.1
VAY      1.53 318 ePn    57 10.60   2.1
      S.D. = 1.0  on   9 of   9 obs.

   JUN  04, 1985  20h 09m 01.79± 0.64s
   30.174 S ± 6.7km    68.668 W ± 9.2km
   DEPTH = 137.5 ± 17.2 km
 SAN JUAN PROVINCE, ARGENTINA        (137)

RTLL     1.17 172 iPc    09 26.50  -0.8
RTCB     1.31 185 iPc    09 28.40  -0.5
                  S      09 45.30
ZON      1.37 180 eP     09 40.00  10.6X
CFA      1.48 166 iPc    09 30.20  -0.3
                  S      09 50.20
RTCV     1.69 176 iPc    09 33.00   0.1
                  S      09 55.60
JACH     2.99 213 iPc    09 50.50   1.2
CYA      3.04  56 iPc    09 49.80  -0.1
                  S      10 25.00
PEL      3.42 210 iPc    09 55.30   0.4
ROCH     3.43 215 iP     09 54.50  -0.7
                  iS     10 34.50
FCH      3.43 203 eP     09 57.00   1.7
                  iS     10 41.00
TCA      3.70 109 iPd    09 58.80   0.3
                  S      10 27.00
PCH      3.78 204 iP     10 00.00   0.4
TACH     3.97 208 eP     10 03.00   0.9
LNV      4.43 211 iPd    10 07.20  -1.0
RFA      4.59 178 ePc    10 10.00  -0.4
                  S      11 01.30
FSA      4.70  31 iPd    10 13.50   1.7
SLA      6.11  28 e(P)   10 45.00  13.8X
ANT      6.63 346 eP     10 35.50  -2.5
YJA      8.46  20 eP     11 04.20   1.1
VBA      9.62 147 ePd    11 16.80  -1.3
      S.D. = 1.2  on  18 of  20 obs.

   JUN  04, 1985  20h 25m 49.76± 0.72s
   40.407 N ± 5.2km    22.419 E ± 5.9km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)

LIT      0.31 170 iPgc   25 55.90  -0.3
                  iSg    26 00.70
THE      0.47  61 ePg    25 59.70   0.3
GRG      0.55 359 ePg    26 00.30  -0.6
                  eSg    26 09.30
SOH      0.82  60 ePg    26 05.90   0.2
                  eSg    26 18.50
VAY      0.92   7 ePn    25 14.00 -53.3X
                  iPg    26 06.50
                  iSg    26 20.50
PAIG     1.08 116 ePg    26 09.40  -0.6
                  eSg    26 24.20
SRS      1.14  51 ePg    26 11.00  -0.1
                  eSg    26 27.10
OUR      1.20  93 ePb    26 12.30   0.3
OHR      1.42 300 ePn    26 16.00   0.4
                  eSn    26 36.00
      S.D. = 0.5  on   8 of   9 obs.

*  JUN  04, 1985  21h 14m 12.35± 0.96s
   6.472 S ± 7.8km   149.064 E ±11.2km
   DEPTH =  48.6 ± 10.7 km
   4.6mb (  4 obs.)
 NEW BRITAIN REGION                  (192)

LMG      2.58 200 iPd    14 51.90  -0.8
PMG      3.48 213 iPd    15 06.60   1.2
MDG      3.49 290 eP     15 05.00  -0.5
RAB      3.83  54 eP     15 11.00   0.6
ALOA     4.02 161 eP     15 11.00  -1.9
MOM      4.70 339 eP     15 22.50  -0.1
CTA     13.81 191 eP     17 28.00   0.6
        1.2s    20.31nm          4.8mb
                  eS     20 54.00
WB2     19.58 225 eP     18 37.20  -2.3
                  eS     22 14.50
RMO     19.91 181 iPd    18 43.60   0.7
        0.8s   166.00nm          5.4mb
GUMO    20.36 348 eP     18 57.50   9.9X
PJG     20.36 348 eP     18 57.50   9.9X
ASPA    22.47 219 eP     19 09.00   0.2
                  eS     23 12.00
MEK     35.29 232 eP     21 07.00   2.1
MAT     43.98 347 eP     22 14.00  -2.7X
        0.8s    7.46nm          4.5mb
                  eS     29 10.00
SBA     71.94 176 e(P)   25 21.80 -10.3X
SPA     83.57 180 eP     26 38.00   1.4
        0.8s    2.08nm          4.2mb
KHC    123.36 327 ePKP   33 04.50  -1.2
BNG    130.71 270 iPKPd  33 20.20  -0.7
        0.7s   10.00nm
                  ic     36 42.60
BCAO   130.73 270 ePKP   33 20.20  -0.7
        0.7s    1.27nm
BAO    152.29 143 e(PKP)34 05.90   7.4X
      S.D. = 1.4  on  15 of  20 obs.

   JUN  04, 1985  21h 38m 46.46± 0.15s
   57.075 N ± 4.2km    33.690 W ± 2.0km
   DEPTH =  10.0km  (geophysicist)
   5.1mb ( 60 obs.)  4.8Msz (  7 obs.)
 NORTH ATLANTIC OCEAN                (402)
      CENTROID, MOMENT TENSOR        (HRV)
      Data Used: GDSN
      L.P.B.: 10S, 19C
      Centroid Location:
      Origin Time        21:38:49.1 0.7
      Lat 56.53N 0.10 Lon  33.34W 0.14
      Dep  10.0 FIX Half-duration  1.5
      Moment Tensor; Scale 10**23 D-CM
        Mrr=-6.42 0.43  Mtt=-0.97 0.62
        Mff= 7.39 0.60  Mrt= 4.16 1.57
        Mrf= 2.68 2.66  Mtf= 2.54 0.55
       Principal Axes:
        T  Val=  9.05  Plg=14  Azm=290
        N       -0.29       23       26
        P       -8.76       63      170
      Best Double Couple:Mo=8.9*10**23
       NP1:Strike=352 Dip=36 Slip=-130
       NP2:       219      63      -65

REY      9.14  34 eP     40 58.80  -2.4
AKU     11.38  34 eP     41 30.80  -1.1
        2.0s   705.88nm          6.6mb X
                  i      41 35.40
VAL     14.52 101 iP     42 10.80  -2.9
                  iS     45 33.00
GDH     15.03 332 eP     42 25.00   4.7X
                  i      45 14.00
DCN     15.49  93 eP     42 29.30   3.0X
DLE     15.91  92 eP     42 30.80  -0.9
        1.5s   260.00nm          5.2mb
EAB     16.12  81 ePc    42 35.70   1.3
        1.6s   186.00nm          5.0mb
ELO     16.38  79 ePc    42 37.80   0.0
        1.6s   203.00nm          5.0mb
EBH     16.55  80 iPc    42 40.00   0.1
        1.5s   189.00nm          5.0mb
EAU     16.69  81 iPc    42 41.60  -0.1
        1.5s   361.00nm          5.3mb
EDU     16.74  79 ePc    42 41.90  -0.3
        1.6s   243.00nm          5.1mb
EDI     16.81  81 iPc    42 44.50   1.3
        1.6s   243.00nm          5.1mb
EBL     16.93  81 iPc    42 44.50  -0.2
        1.6s   243.00nm          5.1mb
EKA     17.01  83 P      42 46.00   0.4
        1.6s   234.00nm          5.1mb
ESY     17.12  81 ePc    42 46.50  -0.6
        1.5s   175.00nm          5.0mb
FRB     18.27 306 eP     43 02.00   0.8
        1.6s   192.00nm          5.0mb
SCH     18.57 277 eP     43 03.00  -2.0
BER     20.31  64 iP+    43 24.50  -0.3
      Z  24s  2155.00um          7.4MszX
DAG     20.49  10 iPd    43 26.10  -0.5
        1.5s    44.44nm          4.6mb
                  i      47 27.00
STS     21.35 121 iPnd   43 35.00  -0.6
FLN     21.50  99 eP     43 37.40   0.3
        1.2s    91.60nm          5.1mb
GRR     21.51 100 eP     43 37.20   0.0
        1.2s   128.10nm          5.2mb
LPF     21.63 101 eP     43 38.00  -0.4
        1.2s   106.80nm          5.1mb
PTO     22.69 124 iPc    43 50.40   1.3
                  eS     47 46.00
DBN     22.83  86 eP+    43 49.00  -1.3
      Z  20s     2.30um          4.6Msz
                  ePP    44 24.00
                  iS     48 04.00
MFF     22.99 103 eP     43 52.20   0.3
        1.2s    59.50nm          5.0mb
UCC     23.03  89 P      43 52.50   0.3
                  S      48 07.00
NB2     23.07  61 P      43 52.90   0.2
        1.2s    12.80nm          4.3mb
WIT     23.32  83 ePd    43 56.50   1.5
WTS     23.77  85 eP     44 00.00   0.6
        1.6s   139.00nm          5.3mb
ENN     23.90  88 eP     44 01.00   0.3
        2.0s   258.00nm          5.5mb
MEM     24.02  89 P      44 02.00   0.1
LSF     24.11 102 eP     44 03.00   0.2
        1.2s    46.80nm          5.0mb
GRC     24.29  98 iPc    44 05.10   0.6
HFS     24.45  63 eP     44 06.80   0.8
        0.6s     9.10nm          4.6mb
      Z  16s     1.36um          4.5MszX
                  LR     50 47.00
BNS     24.48  87 eP     44 07.90   1.6
        1.5s   135.00nm          5.4mb
STB     24.48  88 iPc    44 07.30   0.9
LFF     24.54 105 eP     44 07.40   0.4
        1.2s    55.00nm          5.1mb
WLF     24.60  90 P      44 06.90  -0.6
BGF     24.62 100 eP     44 07.60  -0.2
        1.2s    85.80nm          5.3mb
SSF     24.67  98 eP     44 08.00  -0.2
        1.1s    36.60nm          4.9mb
MZF     24.70 100 eP     44 08.20  -0.3
        1.2s    85.40nm          5.3mb
RJF     24.71 103 eP     44 08.40  -0.3
        1.2s    53.50nm          5.1mb
LOR     24.73  97 eP     44 08.80  -0.1
        1.0s    30.00nm          4.9mb
AVF     24.75  99 eP     44 08.50  -0.5
        1.2s    50.50nm          5.1mb
HAM     24.79  80 iPd    44 07.50  -1.8
LPO     24.95 105 eP     44 11.00   0.0
```

1.2s 77.30nm 5.3mb
LBF 24.97 98 eP 44 10.60 -0.6
1.2s 44.00nm 5.0mb
SMF 25.10 98 eP 44 12.60 0.2
1.2s 54.70nm 5.1mb
COP 25.21 73 iPc 44 14.00 0.7
1.2s 106.25nm 5.4mb
iS 48 47.00
CAF 25.25 103 eP 44 13.60 -0.3
1.2s 29.70nm 4.9mb
TNS 25.56 87 eP 44 17.40 0.7
HAU 25.64 93 eP 44 17.20 -0.3
1.4s 69.70nm 5.2mb
EPF 25.65 109 eP 44 17.40 -0.3
1.2s 35.70nm 4.9mb
GWF 25.78 90 eP 44 18.00 -0.8
TOL 25.81 119 iPc 44 20.00 0.9
1.1s 4.00nm 4.0mb X
ePP 44 55.00
e(PcP)46 45.00
e(S) 48 54.00
CDF 25.92 92 eP 44 20.00 -0.1
1.4s 43.50nm 5.0mb
BSF 25.99 93 eP 44 20.40 -0.4
1.4s 95.80nm 5.3mb
MLS 26.09 108 eP 44 20.70 -1.0
BUH 26.29 91 eP 44 22.60 -0.9
UPP 26.43 62 iP 44 23.40 -1.2
MOX 27.06 84 ePd 44 30.00 -0.5
1.6s 86.00nm 5.2mb
Z 17s 2.00um 4.7MszX
E 17s 1.90um
ePP 45 15.00
eS 49 10.00
MNT 27.12 262 eP 44 35.00 3.9X
EBR 27.33 112 eP 44 32.00 -1.0
GRF 27.35 86 ePd 44 33.50 0.3
1.5s 99.00nm 5.3mb
Z 18s 1.40um 4.6Msz
CLL 27.47 82 iP 44 33.20 -1.0
1.5s 50.00nm 5.0mb
i 44 57.10
eS 49 17.00
CDR 28.07 101 eP 44 41.00 1.3
e 45 26.20
CRT 28.17 122 iPc 44 43.50 2.7
MAL 28.18 124 iP 44 40.00 -0.7
OTT 28.32 264 eP 44 42.00 0.0
LRG 28.53 101 eP 44 44.00 0.1
1.2s 24.70nm 4.9mb
FRF 28.62 101 eP 44 44.00 -0.6
1.2s 24.70nm 4.9mb
LMR 28.69 101 eP 44 44 40 -0.9
ALI 28.73 116 eP 44 47.50 1.9
KHC 28.95 85 iPc 44 48.50 0.9
1.5s 27.00nm 4.8mb
Z 14s 0.80um 4.5MszX
N 13s 0.40um
E 14s 0.50um
e 45 41.30
e 47 56.70
PRU 29.00 83 eP 44 46.20 -1.8
Z 18s 1.70um 4.7Msz
N 17s 1.10um
E 17s 1.90um
PP 45 36.70
S 49 40.00
KSP 29.49 81 eP 44 51.50 -0.9
SUF 29.55 54 iP 44 53.50 0.6
0.8s 4.00nm 4.3mb
NUR 29.57 59 eP 44 53.00 0.0
Z 24s 1.60um 4.6MszX
i 44 57.00
eS 49 52.00
LR 54 40.00
AVE 29.79 132 eP 44 55.00 -0.3
KJF 29.82 51 eP 44 47.00 -8.2X
eS 49 52.00
KBA 30.01 89 iPc 44 56.40 -1.0
2.0s 78.70nm 5.2mb
i 46 06.00
CVF 30.48 100 eP 45 00.80 -0.6
1.2s 17.80nm 4.8mb
TAF 30.67 123 iP 45 04.00 0.9
i 45 12.00
VOY 30.95 90 eP 45 04.80 -0.8
TRI 31.08 91 eP 45 06.00 -0.6

ePP 46 10.00
eS 50 15.00
LJU 31.30 90 e(P) 45 04.70 -3.8X
e 48 01.70
eS 50 08.70
ZST 31.40 84 e(P) 45 10.00 0.6
e 45 14.00
SOP 31.41 86 eP 45 09.20 -0.2
SRO 32.28 84 eP 45 17.40 0.3
SPC 32.53 81 iP 45 20.60 1.2
e 46 20.60
JOS 33.09 81 ePd 45 23.00 -1.1
1.5s 18.20nm 4.8mb
LHC 33.86 279 eP 45 31.00 0.2
MBC 34.59 335 eP 45 37.00 0.2
CLO 36.41 84 eP 45 52.00 -0.6
FFC 36.91 296 eP 45 57.00 0.3
1.1s 15.00nm 4.7mb
SKO 37.72 89 iPd 46 04.00 0.3
iS 51 58.50
CVO 37.76 81 eP 46 05.00 1.0
MLR 37.85 82 eP 46 05.00 0.2
CLI 37.90 79 eP 46 05.00 -0.1
OHR 37.96 91 iP 46 06.30 0.6
VRI 38.03 80 eP 46 07.00 0.8
VTS 38.26 87 iPd 46 08.00 -0.1
YKC 38.51 313 eP 46 10.00 0.0
0.7s 9.00nm 4.6mb
YKA 38.56 313 eP 46 11.50 1.1
BUC 38.63 83 eP 46 12.00 0.8
GRG 38.95 90 eP 46 14.30 0.3
PVL 38.97 85 iPd 46 14.00 0.0
KNT 39.08 89 ePc 46 15.60 0.6
MMB 39.23 88 iPc 46 17.00 0.6
PLD 39.41 87 eP 46 18.00 0.2
THE 39.48 90 eP 46 19.60 1.3
SRS 39.49 89 ePc 46 18.90 0.5
SOH 39.56 89 eP 46 29.80 10.7X
LIT 39.59 91 ePc 46 19.30 0.0
DIM 39.93 86 eP 46 23.00 0.9
KDZ 40.08 87 iPd 46 14.00 -9.3X
JMB 40.19 85 iPd 46 24.00 -0.2
OUR 40.24 89 eP 46 25.10 0.5
PAIG 40.36 90 eP 46 26.30 0.7
INK 42.02 327 eP 46 39.00 0.2
EDM 43.26 300 iP 46 49.50 0.2
DST 43.29 86 iP 46 50.60 0.9
RLO 45.24 270 ePc 47 04.40 -1.0
e 47 09.60
TUL 45.85 270 iPc 47 10.00 -0.2
1.0s 51.40nm 5.5mb
Z 18s 0.91um 4.8Msz
N 19s 0.63um
E 18s 0.33um
i 47 15.10
e(S) 54 00.00
BHO 46.48 268 e(P) 47 15.30 0.1
LRM 47.68 292 eP 47 25.10 0.2
GLD 48.17 281 P 47 29.40 0.7
1.6s 120.37nm 5.7mb
NEW 48.32 297 eP 47 29.00 -0.6
BDW 48.32 287 P 47 29.40 -0.5
1.4s 26.74nm 5.1mb
FBA 48.51 329 eP 47 31.20 0.5
1.5s 69.40nm 5.5mb
PNT 48.79 300 eP 47 34.00 0.8
IMA 49.20 332 P 47 37.00 0.9
IMA 49.20 332 eP 47 33.80 -2.3
HPI 49.49 290 P 47 40.00 1.1
DAU 50.90 286 P 47 50.00 0.3
PMR 51.43 326 P 47 58.20 5.2X
PWA 51.61 327 eP 47 55.20 0.8
HRI 51.82 86 eP 47 55.00 -1.6
JCT 52.14 269 iP 47 58.00 -1.0
0.8s 26.87nm 5.2mb
Z 20s 2.13um 5.2Msz
TTA 52.32 331 P 47 59.40 -0.5
ALQ 52.37 278 eP 48 01.00 0.2
1.5s 26.39nm 4.9mb
Z 18s 2.58um 5.3Msz
BFW 52.50 299 P 48 01.40 -0.1
JER 52.66 88 e(P) 48 10.00 7.1X
eS 55 55.00
MSL 53.48 78 eP 48 10.50 1.7
PRNI 53.65 89 iP 48 11.00 0.9
TAB 53.91 74 e(P) 48 13.00 1.0
EUR 54.03 289 iP 48 13.80 0.7

0.2s 8.37nm 5.4mb
RTB 54.43 83 eP 48 16.00 0.3
KIC 55.45 144 eP 48 21.30 -2.0
KER 57.13 77 eP 48 36.00 0.6
GSC 57.62 286 eP 48 38.00 -0.8
CLC 57.65 287 eP 48 39.00 0.0
FRI 57.84 289 eP 48 40.00 -0.2
e 48 45.20
TPC 58.14 284 eP 48 43.00 0.6
ISA 58.22 287 eP 48 43.00 0.0
GLA 58.30 283 eP 48 43.00 -0.6
SBB 58.63 286 eP 48 45.00 -0.9
MWC 59.11 286 eP 48 48.00 -1.4
BAR 59.57 284 eP 48 55.00 2.6
MHI 62.01 66 eP 49 09.00 -0.1
ITR 65.72 185 e(P) 49 32.00 -1.2
e 49 36.90
SOB1 66.31 188 eP 49 36.00 -1.0
e 49 42.30
BCAO 66.56 121 eP 49 37.00 -1.7
1.5s 18.02nm 5.0mb
Z 20s 0.71um 4.9Msz
BNG 66.56 121 iPd 49 38.00 -0.7
0.8s 12.00nm 5.1mb
KSH 67.18 52 eP 49 41.00 -1.5
WMQ 68.15 42 P 49 48.00 -0.5
QUE 70.62 64 eP 50 05.00 1.0
GTA 76.21 35 P 50 36.00 -0.4
NDI 76.78 57 eP 50 40.00 0.4
CN2 77.98 15 eP 50 42.80 -3.1X
BTO 78.00 27 Pc 50 48.10 1.8
ZOBO 78.50 214 P 50 49.20 -0.6
LR 15 20.00
LPB 78.74 214 Pc 50 51.30 0.4
LR 18 45.00
CNCB 78.97 213 P 50 54.00 1.7
LZH 80.51 34 eP 51 00.50 0.5
KKN 81.13 52 eP 51 04.30 0.8
0.8s 17.00nm 5.1mb
DMN 81.22 52 eP 51 04.80 0.8
TIY 81.33 27 P 51 04.00 -0.2
PKI 81.38 52 eP 51 05.40 0.5
DL2 82.14 19 eP 51 07.60 -0.6
TPZ 83.58 213 (P) 51 10.00 -6.2X
TIA 83.85 23 P 51 17.60 0.4
XAN 83.89 30 eP 51 17.20 -0.2
CD2 85.27 36 eP 51 24.80 0.4
NJ2 88.23 23 eP 51 37.00 -1.8
KMI 90.29 39 Pc 51 48.50 -0.4
pP 51 52.50 12kmX
GYA 90.33 35 P 51 50.40 1.4
MRWA 144.98 50 ePKP 58 24.00 -1.0
ASPA 145.43 20 ePKP 58 25.00 -0.9
SPA 146.90 180 e(PKP)58 28.20 1.1
S.D. = 0.9 on 180 of 191 obs.

? JUN 04, 1985 22h 02m 47.27± 7.54s
59.373 N ±44.2km 6.710 E ±55.7km
DEPTH = 15.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.6 (BER).

ODD 0.58 358 iPg 02 57.50 -1.1
iSg 03 06.00
KMY 0.77 258 iPg 03 01.50 -0.3
iSg 03 17.70
ASK 1.35 326 iPn 03 12.00 0.5
iSn 03 31.80
HYA 1.82 352 iPn 03 19.00 0.8
iSn 03 44.90
SUE 1.95 331 iPn 03 20.00 -0.1
iPg 03 22.50
iSn 03 45.80
iSg 03 49.80
S.D. = 1.1 on 5 of 5 obs.

? JUN 04, 1985 23h 40m 39.53± 0.72s
15.094 S ±32.0km 173.574 W ±24.3km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
TONGA ISLANDS (173)

AFI 2.10 56 iPc 41 11.50 -1.7
S 41 32.00
NOU 20.22 246 iPd 45 20.10 5.4X
ASPA 50.05 252 eP 49 31.00 -2.4
SPA 75.00 180 iPd 52 19.90 0.5

04d 23h

	0.8s	7.50nm		4.7mb		
EUR	76.31	42 eP	52 26.80	-0.5		
LTX	80.58	56 eP	52 51.00	0.3		
	1.6s	3.45nm		4.1mb		
ALQ	80.73	50 eP	52 51.50	0.0		
BDW	82.15	42 eP	52 59.00	0.2		
	1.0s	2.60nm		4.2mb		
YKA	89.88	23 eP	53 38.00	1.9		
MEM	144.58	0 PKPc	00 13.20	-1.0		
PRU	144.58	351 ePKP	00 27.50	13.2X		
MLR	145.52	335 ePKP	00 17.00	0.8		
WLF	145.52	0 PKP	00 20.30	4.5X		
		e	00 29.90			
KHC	145.55	352 ePKP	00 17.50	1.5		
		e	00 30.40			
ZST	145.83	347 iPKP	00 32.00	15.5X		
		i	00 40.50			
SRO	145.92	346 ePKP	00 32.00	15.4X		
CDF	146.77	359 ePKP	00 22.90	4.8X		
CLO	147.06	338 ePKP	00 20.00	1.4		
GRC	147.77	4 iPKP	00 24.10	4.5X		
LOR	147.85	3 ePKP	00 25.50	5.7X		
SSF	148.04	4 ePKP	00 26.30	6.3X		
LBF	148.14	3 ePKP	00 26.50	6.2X		
AVF	148.30	4 ePKP	00 26.90	6.5X		
LJU	148.40	349 e(PKP)	00 24.70	4.0X		
		e	00 37.60			
SMF	148.47	3 ePKP	00 27.20	6.4X		
BGF	148.49	5 ePKP	00 28.10	7.3X		
VOY	148.53	350 e(PKP)	00 20.00	-1.0		
		e	00 37.20			
LSF	148.67	7 ePKP	00 29.60	8.5X		
MZF	148.81	5 ePKP	00 29.40	8.1X		
LPG	149.69	360 ePKP	00 29.70	6.6X		
LFF	149.87	8 ePKP	00 34.80	11.9X		
CAF	150.04	6 ePKP	00 33.60	10.3X		
CDR	151.51	1 ePKPc	00 33.20	7.7X		
		e	00 46.40			
		i	00 56.00			

S.D. = 1.4 on 13 of 33 obs.

JUN 05, 1985 01h 04m 07.63± 0.51s
28.604 N ± 2.8km 141.038 E ± 3.5km
DEPTH = 86.6 ± 4.6 km
5.1mb (41 obs.)
BONIN ISLANDS REGION (212)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 12C
Centroid Location:
Origin Time 01:04: 9.6 2.1
Lat 28.84N 0.20 Lon 141.36E 0.28
Dep 79.717.8 Half-duration 1.2
Moment Tensor; Scale 10**23 D-CM
Mrr= 1.17 0.42 Mtt=-1.11 0.55
Mff=-0.06 0.80 Mrt=-1.32 0.43
Mrf= 0.38 0.31 Mtf= 0.24 0.64
Principal Axes:

	Val=	Plg=	Azm=
T	1.81	66	199
N	-0.02	2	104
P	-1.79	24	13

Best Double Couple:Mo=1.8*10**23
NP1:Strike= 99 Dip=21 Slip= 84
NP2: 285 69 92

CBI	1.81	146 iPc	04 37.40	-0.4		
		iS	04 59.30			
KYS	6.62	354 eP	05 43.60	-0.5		
OYM	6.95	348 eP	05 48.90	0.0		
SRY	7.14	348 eP	05 51.20	-0.1		
DDR	7.54	349 eP	05 56.80	0.0		
TSK	7.63	354 eP	05 56.20	-1.8		
MAT	8.27	344 iPc	06 07.20	0.4		
	0.6s	90.00nm		5.7mb		
		iS	07 37.50			
SHK	9.26	312 eP	06 23.70	3.4X		
GUMO	15.36	166 eP	07 42.20	1.4		
PJG	15.36	166 eP	07 42.10	1.3		
GUA	15.42	166 eP	07 42.20	0.7		
	0.5s	107.04nm		5.3mb		
MDJ	18.40	333 eP	08 15.00	-3.3X		
NJ2	19.45	286 eP	08 31.60	1.7		
TIA	21.53	297 eP	08 50.80	-0.4		
		pP	09 12.80	107kmX		
BAG	22.42	242 eP	09 02.00	1.8		
WHN	23.28	281 eP	09 10.00	1.8		
XAN	27.90	289 eP	09 50.40	-1.0		
GYA	30.50	274 P	10 17.60	2.9		
CD2	32.35	283 P	10 30.70	-0.1		
GTA	35.56	299 eP	10 57.80	-0.7		
PMG	38.25	170 e(P)	11 14.00	-7.0X		
ADK	39.01	41 eP	11 27.10	0.0		
CHG	39.58	265 iPd	11 33.00	0.8		
	0.8s	11.19nm		4.8mb		
MTN	42.31	194 iPc	11 53.20	-1.2		
	0.7s	82.00nm		5.7mb		
IPM	44.84	245 ePd	12 16.10	1.1		
		e	12 43.00			
PSI	47.64	245 e(P)	12 37.40	0.3		
	0.5s	11.90nm		5.0mb		
CTA	48.67	173 iPd	12 43.80	-1.1		
	0.9s	13.45nm		4.9mb		
WB2	48.69	188 iPc	12 43.20	-1.9		
		e	13 07.50			
		eS	19 36.30			
PKI	48.70	283 eP	12 45.20	-0.5		
KKN	48.76	283 eP	12 45.70	-0.2		
	0.4s	5.00nm		4.8mb		
SDN	49.18	40 eP	12 47.50	-1.0		
TTA	52.67	31 eP	13 15.20	0.3		
IMA	54.21	27 eP	13 26.60	0.3		
PMR	55.72	33 eP	13 36.20	-0.8		
	0.8s	17.10nm		5.1mb		
NAU	56.50	209 iPd	13 42.90	-0.2		
	0.5s	11.00nm		5.2mb		
FBA	56.51	29 eP	13 43.20	0.5		
	0.8s	20.50nm		5.2mb		
MEK	58.99	204 iPd	13 59.10	-1.4		
GBA	60.57	270 Pc	14 15.40	3.9X		
INK	62.10	25 eP	14 21.00	-0.1		
MRWA	62.28	205 iPd	14 21.80	-1.0		
YOU	62.93	173 eP	14 25.50	-1.4		
BAL	63.29	203 iPd	14 28.60	-0.8		
CAN	64.02	173 eP	14 33.00	-1.1		
MBC	64.70	15 eP	14 38.00	-0.1		
	0.8s	12.00nm		4.9mb		
WAM	64.87	173 eP	14 38.30	-1.2		
NWAO	65.23	202 eP	14 41.00	-0.9		
KEV	71.23	340 eP	15 19.00	0.2		
	0.5s	14.00nm		5.1mb		
YKA	71.30	28 eP	15 19.10	-0.2		
YKC	71.36	28 eP	15 19.00	-0.7		
	0.6s	8.00nm		4.8mb		
SOD	72.63	338 iP	15 27.30	0.2		
KRP	73.65	152 eP	15 32.50	-0.8		
KJF	73.99	335 iP	15 35.80	0.8		
	0.8s	29.30nm		5.2mb		
PNT	74.53	42 eP	15 38.00	-0.5		
	0.9s	17.00nm		4.9mb		
SUF	75.39	334 iP	15 43.20	0.1		
	0.7s	27.50nm		5.2mb		
NEW	76.48	42 iPc	15 50.00	0.4		
WDC	76.49	51 ePc	15 50.20	0.5		
MIN	77.23	51 eP	15 53.50	-0.5		
NUR	77.26	333 iP	15 53.80	0.2		
	0.8s	26.50nm		5.2mb		
ORV	77.66	52 ePc	15 56.20	0.0		
BRK	77.88	54 e(P)	15 57.80	0.4		
BKS	77.90	53 e(P)	15 58.30	0.7		
	1.0s	48.00nm		5.3mb		
PCC	77.96	54 eP	15 57.80	-0.1		
SES	78.89	38 iPc	16 02.80	0.0		
JAS1	79.15	53 ePc	16 04.80	0.4		
PRS	79.22	55 eP	16 05.30	0.5		
LLA	79.39	54 eP	16 06.20	0.4		
PRI	79.81	54 e(P)	16 09.00	0.9		
FRI	80.09	53 ePc	16 09.20	-0.2		
BMN	80.15	49 eP	16 10.70	0.8		
	1.0s	4.50nm		4.3mb		
UPP	80.40	335 iP	16 10.30	-0.3		
LRM	80.46	43 iPc	16 12.30	0.7		
MNA	80.48	51 e(P)	16 12.20	0.5		
FFC	81.00	32 iPc	16 14.00	0.1		
	0.8s	14.00nm		4.9mb		
EUR	81.45	50 iP	16 17.60	0.7		
	0.2s	34.05nm		5.9mb		
HFS	81.64	336 eP	16 16.70	-0.4		
	0.7s	22.00nm		5.2mb		
NB2	81.84	338 P	16 18.00	-0.2		
	0.8s	18.20nm		5.0mb		
CLC	82.15	54 eP	16 20.00	-0.3		
SBB	82.54	55 eP	16 24.00	1.6		
GSC	82.96	54 eP	16 25.00	0.4		
BDW	83.84	44 eP	16 28.00	-1.1		
	1.0s	9.40nm		4.7mb		
TPC	84.10	54 eP	16 30.00	-0.4		
BAR	84.37	56 eP	16 32.00	0.3		
FRB	85.04	13 eP	16 35.00	0.6		
COP	85.31	334 iPd	16 36.00	0.2		
	0.7s	63.01nm		5.7mb		
GLA	85.52	55 eP	16 38.00	0.5		
MUD	85.96	336 iPd	16 39.50	0.4		
	0.6s	11.00nm		5.1mb		
RSSD	86.36	41 eP	16 41.30	-0.3		
	0.8s	2.82nm		4.4mb		
KSP	87.10	329 ePc	16 44.60	-0.2		
RSON	87.32	31 eP	16 45.30	-0.6		
	0.8s	8.10nm		4.9mb		
CLL	88.24	330 iP	16 50.10	-0.1		
PRU	88.50	329 P	16 51.70	0.2		
KHC	89.55	329 iPd	16 57.10	0.5		
	0.6s	10.00nm		5.2mb		
		e	17 25.50			
EDU	89.87	341 ePc	16 57.80	-0.1		
GRF	90.20	330 eP	17 00.00	0.5		
	0.9s	10.00nm		5.0mb		
ALQ	90.28	49 eP	17 00.70	0.2		
	1.0s	4.25nm		4.6mb		
ESY	90.29	341 iPc	16 59.70	-0.1		
	0.6s	11.00nm		5.2mb		
EAU	90.60	341 ePc	17 01.40	0.1		
BHG	90.89	328 eP	16 55.00	-7.8X		
EKA	90.95	340 P	17 03.00	0.1		
	0.9s	9.00nm		5.0mb		
LHC	91.09	31 eP	17 04.00	0.4		
LJU	91.30	326 e(P)	17 03.70	-0.9		
FUR	91.30	329 iPd	17 05.00	0.3		
VOY	91.62	326 eP	17 04.70	-1.5		
MEM	91.68	333 Pc	17 05.60	-0.7		
WLF	92.36	333 P	17 10.30	0.9		
DOU	92.64	334 P	17 10.40	-0.3		
SLE	92.84	330 eP	17 11.50	-0.3		
SAX	92.85	329 eP	17 11.40	-0.8		
CDF	92.87	331 eP	17 11.60	-0.4		
	0.8s	8.00nm		5.2mb		
LLS	93.30	329 eP	17 13.50	-0.6		
BSF	93.52	331 eP	17 14.50	-0.5		
HAU	93.58	331 eP	17 14.50	-0.6		
MMK	94.38	329 eP	17 18.70	-0.5		
DIX	94.61	330 eP	17 19.80	-0.4		
LOR	95.19	332 eP	17 22.20	-0.4		
	0.8s	5.90nm		5.1mb		
LPG	95.35	330 iPc	17 23.20	-0.5		
	0.6s	6.10nm		5.2mb		
LBF	95.37	332 eP	17 22.60	-0.9		
	0.9s	3.60nm		4.8mb		
GRC	95.49	333 iPc	17 24.80	0.9		
SSF	95.50	332 eP	17 23.50	-0.5		
	0.9s	7.20nm		5.2mb		
LTX	95.51	52 iP	17 25.30	0.8		
	0.8s	5.84nm		5.1mb		
SMF	95.70	332 eP	17 24.50	-0.4		
	1.0s	6.80nm		5.1mb		
AVF	95.78	332 eP	17 25.00	-0.3		
	0.8s	8.30nm		5.3mb		
LSF	96.96	333 eP	17 30.10	-0.5		
MFF	97.32	334 iPc	17 31.70	-0.5		
RJF	97.74	332 iPc	17 34.00	-0.1		
LFF	98.35	333 iPc	17 37.10	0.2		
KIC	132.09	311 ePKP	23 13.70	0.2		
ARE	147.72	75 ePKP	23 43.00	1.2		
ZOBO	150.47	72 PKPc	23 47.70	1.3		
	0.4s	32.50nm				
		LR	17 02.00			
LPB	150.62	72 PKPc	23 48.00	1.6		
		i	23 53.50			
		LR	18 05.00			
CNCB	150.85	73 PKP	23 48.70	1.8		
		i	23 54.20			
TPZ	152.17	82 ePKP	24 01.00	12.5X		

S.D. = 0.8 on 126 of 132 obs.

* JUN 05, 1985 01h 15m 26.48± 2.21s
33.670 S ±14.0km 72.580 W ±17.4km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.01	107 iPd	15 44.60	0.2		
TACH	1.37	90 iPd	15 49.00	-0.5		
		iS	16 08.00			

ROCH	1.49	63	iPc	15	50.50	-0.9
SAN	1.62	83	iPc	15	52.90	-0.2
			iS	16	14.00	
CHCH	1.63	100	iPc	15	53.50	0.3
PCH	1.72	89	iPd	15	54.60	-0.1
BACH	1.77	80	iPc	15	55.90	0.5
JACH	1.94	60	iPd	15	57.10	-0.7
FCH	1.94	81	iPc	15	58.10	0.0
RFA	3.58	109	ePd	16	22.60	1.5
			(S)	17	21.60	
RTCV	3.85	63	iPd	16	26.30	1.4
RTCB	3.86	57	ePd	16	26.40	1.3
ZON	3.91	58	eP	16	35.00	9.2X
RTLL	4.18	57	ePd	16	30.00	0.4
CFA	4.20	62	ePc	16	31.00	1.1
TCA	7.14	73	ePc	17	08.00	-3.3
			S	18	36.90	
VBA	9.65	120	ePc	17	50.80	4.6X
ARE	17.16	4	eP	19	30.00	4.3X
CNCB	17.29	15	eP	19	28.00	0.4
LPB	17.54	14	eP	19	31.00	0.5
			LR	25	20.00	
ZOBO	17.79	14	eP	19	33.70	-0.1
	0.9s		8.65nm			3.9mb
	Z 20s		0.50um			4.6Msz
			LR	25	24.00	
SOB1	37.97	57	eP	22	42.30	-0.7
ITR	40.03	60	eP	22	59.10	-1.2
			e	23	56.00	

S.D. = 1.1 on 20 of 23 obs.

JUN 05, 1985 01h 27m 58.40± 0.86s
45.693 N ± 8.1km 10.778 E ± 6.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.9 (KBA).

OSS	1.09	336	eP	28	18.60	-0.4
VDL	1.21	312	eP	28	20.10	-0.9
LLS	1.71	314	eP	28	29.20	0.7
SAX	1.85	328	eP	28	34.00	3.4X
MMK	2.00	281	eP	28	32.60	-0.2
TRI	2.09	89	iP	29	06.40	32.5X
VOY	2.20	80	e(Pn)	28	35.40	-0.2
			iPg	28	39.90	
			e(Sn)	29	03.60	
			iSg	29	11.30	
KBA	2.25	51	iPgc	28	41.80	5.4X
			iSg	29	13.10	
DIX	2.38	281	eP	28	38.10	-0.3
SLE	2.60	324	eP	28	42.40	1.2
LPG	2.83	267	Pn	28	44.40	-0.4
			Sn	29	20.80	
ROF	3.33	308	ePg	29	00.80	9.2X
BUH	3.45	331	ePn	28	53.40	0.1
KHC	3.93	28	ePg	29	15.50	15.4X
			eSg	30	05.00	
CDR	4 10	242	eP	29	03.00	0.5
			e	29	37.80	
			e	29	40.80	
LBF	4 88	288	Pn	29	09.70	-4.0X
			Sn	30	05.20	
LOR	5.03	291	Pn	29	11.50	-4.2X
			Sn	30	09.20	

S.D. = 0.7 on 10 of 17 obs.

JUN 05, 1985 01h 41m 42.46± 0.17s
56.937 N ± 5.0km 33.748 W ± 2.2km
DEPTH = 10.0km (geophysicist)
5 1mb (66 obs.) 5.1Msz (8 obs.)
NORTH ATLANTIC OCEAN (402)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 18C
Centroid Location:
Origin Time 01:41:41.2 1.0
Lat 56.72N 0.13 Lon 34.72W 0.19
Dep 14.5 FIX Half-duration 1.7
Moment Tensor; Scale 10**23 D-CM
Mrr= 1.61 0.68 Mtt= 0.56 0.97
Mff=-2.16 0.68 Mrt= 0.83 1.69
Mrf= 0.02 1.39 Mtf=-7.73 0.87
Principal Axes:

	Val=	Plg=	Azm=
T	7.12	6	40
N	1.56	83	245
P	-8.68	3	130

Best Double Couple:Mo=7.9*10**23
NP1:Strike=175 Dip=83 Slip= 2
NP2: 85 88 173

REY	9.27	34	eP	43	57.80	-1.2
AKU	11.51	34	eP	44	31.10	1.4
	2.0s		588.24nm			6.6mb X
VAL	14.53	100	eP	45	07.00	-2.7
			iS	48	28.00	
STJ	14.89	239	eP	45	13.00	-1.5
GDH	15.14	332	ePc	45	28.00	10.3X
			i	48	15.00	
DCN	15.51	92	eP	45	28.40	5.8X
DLE	15.94	92	eP	45	28.50	0.4
	1.3s		270.00nm			5.2mb
EAB	16.17	80	ePc	45	33.40	2.3
	1.6s		152.00nm			4.9mb
ELO	16.44	79	ePc	45	34.60	0.1
	1.6s		139.00nm			4.8mb
EBH	16.61	80	iPc	45	36.40	-0.2
	1.4s		157.00nm			4.9mb
EAU	16.74	81	ePc	45	38.40	0.1
	1.4s		386.00nm			5.3mb
EDU	16.80	78	eP	45	38.60	-0.4
	1.6s		196.00nm			5.0mb
EDI	16.87	81	iPc	45	39.50	-0.3
	1.2s		192.00nm			5.1mb
EBL	16.99	81	iPc	45	41.00	-0.4
	1.4s		229.00nm			5.1mb
ESK	17.04	83	ePd	45	43.00	1.0
	1.0s		80.00nm			4.8mb
EKA	17.06	82	P	45	43.00	0.8
	1.4s		113.30nm			4.8mb
ESY	17.18	80	ePc	45	43.20	-0.6
	1.4s		143.00nm			4.9mb
FRB	18.32	306	eP	45	59.00	1.1
	1.5s		181.00nm			5.0mb
SCH	18.55	277	eP	46	02.00	1.1
BER	20.40	64	iP	46	20.30	-1.5
Z	24s		4533.00um			7.8MszX
STS	21.30	121	ePn	46	31.00	-0.2
FLN	21.51	98	eP	46	32.00	-1.2
	1.2s		107.10nm			5.1mb
GRR	21.52	99	eP	46	32.30	-1.0
	1.2s		165.90nm			5.3mb
LPF	21.63	100	eP	46	33.10	-1.4
	1.2s		104.60nm			5.1mb
PTO	22.64	124	iPc	46	48.00	3.4X
			eS	50	32.00	
DBN	22.88	86	iP+	46	48.00	1.3
Z	20s		4.30um			4.9Msz
			ePP	47	21.00	
			iS	51	00.00	
MFF	22.99	102	eP	46	47.50	-0.5
	1.2s		47.60nm			4.9mb
UCC	23.06	89	Pc	46	49.40	0.8
			S	51	01.00	
NB2	23.16	61	P	46	49.10	-0.5
	1.5s		122.10nm			5.2mb
MUD	23.29	73	iP	46	52.30	1.6
	1.2s		75.00nm			5.1mb
WIT	23.37	83	eP	46	53.50	2.0
DOU	23.55	90	Pc+	46	54.00	0.7
Z	20s		5.00um			5.0Msz
			S	51	13.00	
WTS	23.82	85	eP	46	56.50	0.6
	1.7s		125.00nm			5.2mb
ENN	23.93	88	eP	46	56.50	-0.5
	1.9s		414.00nm			5.7mb
MEM	24.06	88	Pd	46	58.80	0.6
LSF	24.11	101	eP	46	58.20	-0.6
	1.2s		57.80nm			5.1mb
GRC	24.30	98	iPc	47	01.70	1.0
BNS	24.52	87	eP	47	04.80	2.1
	1.3s		175.00nm			5.5mb
STB	24.52	88	eP	47	03.80	1.0
LFF	24.54	104	eP	47	02.70	-0.3
	1.0s		55.50nm			5.2mb
HFS	24.55	63	eP	47	03.10	0.2
	1.2s		57.60nm			5.1mb
Z	17s		3.31um			4.9MszX
			LR	53	34.00	
BGF	24.63	99	eP	47	02.70	-1.2
WLF	24.63	90	P	47	05.40	1.6
			S	51	27.00	
SSF	24.68	98	eP	47	03.10	-1.2
	1.2s		29.70nm			4.8mb
MZF	24.70	100	eP	47	03.50	-1.1
	1.5s		111.20nm			5.3mb
RJF	24.71	103	eP	47	03.90	-0.8
	1.2s		47.60nm			5.0mb
LOR	24.74	97	eP	47	03.70	-1.3
	1.2s		59.50nm			5.1mb
AVF	24.76	98	eP	47	03.80	-1.3
	1.2s		53.50nm			5.1mb
HAM	24.84	79	ePc	47	06.00	0.2
LPO	24.95	104	eP	47	06.50	-0.5
	1.2s		89.20nm			5.3mb
LBF	24.98	97	eP	47	06.00	-1.3
	1.0s		50.00nm			5.2mb
SMF	25.11	98	eP	47	07.30	-1.2
	1.2s		95.20nm			5.4mb
CAF	25.25	103	eP	47	08.90	-1.0
	1.0s		22.00nm			4.8mb
COP	25.28	73	eP	47	10.00	0.1
Z	18s		46.39um			6.0Msz
			iS	51	43.00	
EPF	25.64	108	eP	47	12.10	-1.4
	1.4s		65.30nm			5.1mb
HAU	25.67	93	eP	47	12.60	-1.2
	1.2s		44.00nm			5.0mb
TOL	25.77	119	iPc	47	16.00	1.2
	1.2s		5.00nm			4.1mb
			ePP	47	48.00	
			e(PcP)	49	35.00	
			e(S)	51	50.00	
GWF	25.81	90	eP	47	14.80	-0.3
CDF	25.94	92	eP	47	14.60	-1.8
	1.2s		47.60nm			5.1mb
BSF	26.01	93	eP	47	15.50	-1.6
	1.2s		89.20nm			5.3mb
MLS	26.08	107	eP	47	17.80	0.2
BUH	26.32	90	eP	47	19.80	0.0
UPP	26.53	62	iP	47	21.40	-0.1
ALE	26.82	352	eP	47	22.00	-2.0
	1.3s		24.00nm			4.7mb
SLE	26.98	92	ePd	47	26.80	0.9
MNT	27.07	262	iP	47	26.50	-0.1
ZUL	27.09	92	ePd	47	27.40	0.5
MOX	27.11	84	eP	47	26.00	-0.9
	1.7s		89.00nm			5.2mb
Z	16s		5.50um			5.2MszX
E	17s		4.60um			
EMS	27.15	96	ePd	47	28.00	0.4
EBR	27.31	111	eP	47	30.00	1.1
			e	52	15.00	
GRF	27.40	86	eP	47	29.90	0.3
	1.6s		107.00nm			5.3mb
Z	18s		4.00um			5.0Msz
DIX	27.41	96	ePd	47	31.10	1.1
LPG	27.41	97	eP	47	28.00	-2.1
	1.2s		22.00nm			4.8mb
HOF	27.42	84	iPc	47	30.00	0.1
CLL	27.52	82	iPd	47	29.90	-0.8
	1.8s		78.00nm			5.1mb
			i	47	54.00	
			eS	52	14.00	
SFS	27.54	126	eP	47	34.00	3.0X
			e	53	30.00	
MMK	27.73	95	ePd	47	34.70	1.8
LLS	27.79	93	ePd	47	34.80	1.4
CDR	28.07	101	eP	47	36.50	0.7
			e	47	38.30	
CRT	28.13	122	iPc	47	39.80	3.4X
OTT	28.28	264	eP	47	38.00	0.4
OSS	28.53	92	ePd	47	40.40	0.3
LRG	28.54	101	eP	47	39.00	-0.9
	1.6s		25.90nm			4.8mb
FRF	28.62	100	eP	47	39.30	-1.4
	1.6s		51.80nm			5.1mb
KEV	28.68	39	eP	47	44.00	3.0X
			e	48	32.00	
			eS	52	32.00	
ALI	28.69	116	eP	47	43.50	2.1
LMR	28.70	101	eP	47	40.00	-1.4
	1.6s		46.00nm			5.0mb
ALM	28.93	121	ePd	47	46.30	2.8X
KHC	28.99	85	iPd	47	44.00	0.0
	1.5s		27.00nm			4.8mb
Z	13s		1.80um			4.9MszX
N	14s		1.10um			
E	14s		1.30um			
			e	48	43.00	
PRU	29.05	83	eP	47	44.50	0.0
Z	18s		4.10um			5.1Msz

05d 01h

	N 14s	3.00um				
	E 19s	4.20um				
		PP	48	49.50		
		eS	52	40.00		
KSP	29.54	80 eP	47	48.00	-0.9	
	1.2s	38.00nm			5.1mb	
SUF	29.66	54 eP	47	48.00	-1.8	
	0.9s	5.30nm			4.4mb	
NUR	29.66	58 eP	47	49.00	-0.9	
	Z 24s	3.60um			4.9MszX	
		eS	52	52.00		
		LR	57	40.00		
AVE	29.72	131 iP	47	52.00	1.3	
KMR	29.90	87 eP	47	52.00	-0.2	
KBA	30.05	89 ePc	47	52.00	-1.7	
	1.9s	103.40nm			5.3mb	
		e	50	55.00		
CVF	30.49	100 eP	47	56.00	-1.5	
	1.6s	51.80nm			5.1mb	
TAF	30.62	123 iP	48	01.00	2.3	
VKA	30.98	85 eP	48	01.00	-0.7	
	Z 13s	2.90um			5.1MszX	
FIR	30.98	96 eP	48	03.00	1.3	
VOY	30.98	90 eP	48	01.80	-0.1	
TRI	31.11	91 eP	48	02.40	-0.4	
		e	48	43.00		
		ePP	49	07.00		
		e(PcP)	51	03.40		
		eS	53	12.00		
ZST	31.45	84 e(P)	48	06.00	0.2	
SOP	31.45	85 eP	48	05.60	-0.2	
SRO	32.33	84 eP	48	14.50	1.0	
SPC	32.38	80 eP	48	16.70	0.8	
LHC	33.85	280 eP	48	27.50	0.8	
MBC	34.70	335 eP	48	38.00	4.2X	
CLO	36.46	84 eP	48	50.00	1.0	
FFC	36.95	296 eP	48	53.00	0.0	
	1.2s	21.00nm			4.8mb	
SKO	37.76	89 iP	49	00.20	0.3	
		iS	54	55.00		
CVO	37.82	81 eP	49	02.00	1.6	
OHR	37.99	91 iP	49	02.00	0.0	
VTS	38.30	87 iPc	49	05.00	0.6	
YKC	38.58	313 eP	49	06.00	-0.6	
	0.7s	12.00nm			4.7mb	
YKA	38.63	313 eP	49	07.40	0.4	
BUC	38.68	83 ePd	49	08.00	0.4	
VAY	38.82	89 iP	49	10.00	1.2	
GRG	38.98	90 eP	49	10.50	0.3	
PVL	39.01	85 iPc	49	11.00	0.6	
KNT	39.11	89 ePc	49	12.10	0.8	
MMB	39.27	88 iPd	49	14.00	1.3	
PLD	39.45	86 eP	49	14.00	-0.1	
THE	39.51	89 eP	49	15.70	1.1	
SOH	39.59	89 eP	49	16.30	0.9	
LIT	39.62	90 ePc	49	13.90	-1.7	
DIM	39.98	86 eP	49	20.00	1.6	
KDZ	40.12	86 iPc	49	20.00	0.3	
JMB	40.24	84 iPd	49	20.00	-0.6	
PAIG	40.39	90 eP	49	23.00	1.1	
EZN	41.92	88 iP	49	35.40	1.1	
INK	42.11	327 eP	49	35.00	-0.6	
EDM	43.30	300 eP	49	46.00	0.4	
DST	43.33	86 eP	49	45.10	-0.9	
IZM	43.44	88 iP	49	47.90	1.0	
SES	43.96	296 ePd	49	51.30	0.3	
RLO	45.20	270 ePc	50	01.60	0.5	
BHO	46.44	268 ePc	50	11.60	0.7	
OCO	47.02	271 e(P)	50	05.70	-9.8X	
LRM	47.70	292 eP	50	21.50	0.4	
GLD	48.17	281 P	50	26.00	1.3	
	1.2s	45.45nm			5.4mb	
GOL	48.28	281 P	50	25.40	-0.3	
BDW	48.33	287 P	50	25.40	-0.6	
	1.1s	14.71nm			5.0mb	
NEW	48.35	297 eP	50	25.50	-0.3	
FBA	48.61	329 eP	50	27.90	0.4	
	1.5s	62.50nm			5.4mb	
PNT	48.83	300 eP	50	30.00	0.5	
IMA	49.39	332 eP	50	32.40	-0.6	
HPI	49.50	290 P	50	36.30	1.2	
PMR	51.52	327 P	50	46.10	-3.7X	
PWA	51.70	327 eP	50	51.80	0.7	
	1.1s	118.80nm			5.7mb	
HRI	51.86	86 eP	50	51.00	-1.9	
JCT	52.11	269 eP	50	53.90	-0.8	
	1.0s	40.00nm			5.3mb	

	Z 20s	4.26um			5.5Msz	
ALQ	52.36	278 eP	50	56.00	-0.7	
	1.5s	25.00nm			4.9mb	
	Z 18s	5.67um			5.7Msz	
BFW	52.54	299 P	50	57.80	-0.1	
JER	52.70	88 iPc	51	08.10	8.9X	
		eS	58	26.00		
MSL	53.54	78 eP	51	06.80	1.6	
TAB	53.98	74 eP	51	10.00	1.4	
BMN	53.99	290 P	51	09.30	0.6	
EUR	54.05	289 iP	51	09.80	0.6	
	0.3s	4.81nm			5.0mb	
RTB	54.48	83 ePd	51	14.00	1.9	
LTX	55.11	271 eP	51	16.80	-0.2	
	1.5s	16.00nm			4.8mb	
KIC	55.35	144 eP	51	15.90	-2.7	
MIN	56.29	293 e(P)	51	24.70	-0.7	
ORV	56.83	293 e(P)	51	27.00	-2.1	
GSC	57.63	286 eP	51	34.00	-0.9	
CLC	57.65	287 eP	51	35.00	0.0	
TPC	58.15	285 eP	51	32.00	-6.5X	
ISA	58.23	287 eP	51	31.00	-8.1X	
GLA	58.30	283 eP	51	40.00	0.4	
SBB	58.64	286 eP	51	42.00	0.1	
BAR	59.58	284 eP	51	53.00	4.6X	
MHI	62.10	66 eP	52	05.00	-0.6	
SOB1	66.17	188 eP	52	31.40	-0.7	
	0.9s	10.30nm			5.0mb	
		e	52	32.90		
		e	52	35.00		
		e	52	38.40		
BNG	66.52	121 iPc	52	34.20	-0.2	
	1.0s	26.00nm			5.4mb	
KSH	67.29	52 eP	52	42.00	2.8X	
WMO	68.28	42 P	52	45.00	-0.3	
QUE	70.71	64 eP	53	05.00	4.5X	
BAO	73.27	194 e(P)	53	15.50	-0.1	
GTA	76.34	35 P	53	31.60	-1.5	
NDI	76.88	57 eP	53	36.00	-0.2	
MDJ	77.86	12 eP	53	40.00	-1.3	
BTO	78.14	27 eP	53	42.00	-1.0	
SNY	79.77	17 eP	53	51.10	-0.6	
BJI	80.11	23 eP	53	53.50	-0.1	
VAO	80.40	192 e(P)	53	58.00	2.7X	
LZH	80.64	34 P	53	56.00	-0.7	
KKN	81.24	52 eP	54	00.90	0.8	
	0.7s	14.00nm			5.1mb	
TIY	81.47	27 eP	54	00.50	-0.4	
		PP	57	10.00		
PKI	81.49	52 eP	54	02.10	0.6	
	0.5s	3.00nm			4.6mb	
TIA	83.99	23 eP	54	12.40	-1.5	
		ePP	57	34.00		
XAN	84.03	30 eP	54	13.00	-1.1	
CD2	85.40	36 eP	54	20.50	-0.6	
MAT	86.63	6 eP	54	28.00	0.9	
		eS	05	17.00		
WHN	88.77	27 eP	54	37.00	-0.4	
KMI	90.41	39 eP	54	44.50	-1.0	
		pP	54	50.00	17kmX	
GYA	90.46	35 P	54	47.00	1.4	
CHG	94.82	44 eP	55	06.00	0.4	
CHTO	94.82	44 eP	55	05.90	0.3	
	1.0s	5.75nm			4.9mb	
	Z 20s	0.45um			4.9Msz	
MRWA	145.09	50 ePKP	01	20.00	-1.2	
ASPA	145.57	20 ePKP	01	22.00	-0.2	
WBN	146.14	33 ePKP	01	24.00	0.9	
	1.1s	56.00nm				
BAL	146.60	51 ePKP	01	24.00	0.4	
SPA	146.76	180 e(PKP)	01	24.00	1.1	
MUN	147.57	53 ePKP	01	22.00	-3.1X	
KLB	147.90	50 ePKP	01	27.00	1.3	
SBA	157.84	191 e(PKP)	01	35.90	-2.5X	
	S.D. = 1.0	on 187 of 206 obs.				

? JUN 05, 1985 02h 12m 43.57± 4.43s
33.565 S ± 8.2km 71.784 W ±31.8km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.50	142 iPd	12	53.60	-0.1	
		iS	13	06.00		
TACH	0.71	97 eP	12	58.00	0.4	
		iS	13	16.50		
ROCH	0.88	48 iPd	12	59.50	-1.1	
SAN	0.94	84 eP	13	02.00	0.4	

PEL	1.01	66 iPc	13	02.60	-0.1	
		iS	13	26.90		
CHCH	1.01	112 eP	13	02.00	-0.8	
PCH	1.06	93 iPd	13	03.30	-0.3	
		iS	13	27.50		
BACH	1.10	79 iPc	13	04.50	0.2	
FCH	1.27	80 iP	13	07.10	-0.3	
		i(S)	13	30.50		
TCA	6.47	72 ePd	14	23.00	1.7	
	S.D. = 0.9	on 10 of 10 obs.				

? JUN 05, 1985 02h 44m 32.92± 8.24s
37.825 N ±22.5km 142.382 E ±70.2km
DEPTH = 33.0km (normal)
OFF EAST COAST OF HONSHU, JAPAN (229)

SEN	1.25	291 eP	44	54.00	-0.1	
		iS	45	11.50		
TSK	2.43	229 eP	45	09.70	-1.5	
DDR	3.14	235 eP	45	21.00	-0.3	
		S	45	59.20		
KYS	3.18	215 eP	45	22.10	0.3	
SRY	3.34	229 eP	45	24.10	0.1	
OYM	3.48	227 eP	45	26.90	0.7	
MAT	3.57	250 eP	45	28.00	0.6	
		iS	46	18.80		
	S.D. = 0.9	on 7 of 7 obs.				

• JUN 05, 1985 03h 41m 32.68± 1.51s
31.727 S ±16.6km 121.817 E ±15.4km
DEPTH = 33.0km (normal)
WESTERN AUSTRALIA (590)

KLG	0.99	342 eP	42	02.00	11.7X	
		iS	42	37.50		
KLB	3.46	271 eP	42	29.00	3.4X	
	0.4s	4.00nm				
		eS	43	15.50		
NWAO	4.06	252 eP	42	35.00	1.0	
		eS	43	25.00		
BAL	4.52	283 eP	42	53.00	12.4X	
		eS	43	42.20		
RKG	4.67	239 eP	42	42.00	-0.7	
		eS	43	39.20		
MUN	4.78	266 eP	42	44.00	-0.2	
		eS	43	44.90		
MRWA	5.61	295 iPc	43	01.60	5.6X	
	0.2s	2.00nm			4.3mb X	
		eS	44	10.50		
MEK	5.84	330 eP	43	10.00	10.7X	
		eS	44	16.00		
WBN	6.96	38 eP	43	15.00	0.1	
	0.2s	3.00nm			4.9mb X	
		eS	44	35.00		
NAU	10.73	327 eP	44	07.00	-0.2	
	0.4s	4.00nm			5.0mb X	
		eS	46	11.00		
	S.D. = 0.8	on 5 of 10 obs.				

• JUN 05, 1985 03h 46m 24.66± 0.82s
26.260 S ± 8.9km 27.392 E ±14.7km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

BFS	0.84	220 iPd	46	41.50	0.1	
		S	46	50.50		
SLR	0.96	57 eP	46	43.80	0.4	
	1.0s	1380.00nm				
		S	46	53.70		
SWZ	2.06	243 iPd	47	03.50	3.0X	
		S	47	33.00		
SEK	2.07	174 iPd	47	00.50	-0.1	
		S	47	18.50		
BUL	6.19	11 iPn	48	00.60	1.5	
		iSn	49	09.20		
		iS*	49	22.20		
		iSg	49	41.00		
KRI	9.61	13 iPn	48	46.00	-0.8	
		iSn	50	29.00		
		iSg	51	25.00		
MTD	10.21	23 iPn	48	54.00	-1.0	
		iSn	50	45.00		
		iLg	51	47.00		
	S.D. = 1.2	on 6 of 7 obs				

JUN 05, 1985 04h 21m 42.28± 0.72s
14.133 N ± 4.2km 91.950 W ± 4.2km

DEPTH = 69.1 ± 6.4 km
4.9mb (48 obs.)
GUATEMALA (70)

COM	2.11	355	iP	22 16.00	-0.3
			iS	22 44.00	
PBJ	4.05	305	iP	22 36.00	-7.2X
			iS	23 23.00	
VHO	5.54	304	iP	22 58.00	-6.3X
			iS	23 57.00	
TPM	8.35	306	iP	23 42.00	-1.2
UNM	8.64	308	eP	23 41.00	-6.3X
OXM	9.02	306	iP	23 51.00	-1.5
PIM	10.39	295	iP	24 07.00	-3.9X
GCM	11.35	62	eP	24 25.50	1.7
UPA	13.20	111	eP	24 49.50	1.2
	0.9s	31.93nm		5.0mb	
Z	20s	1.28um			
GIE	14.86	174	P	25 09.30	-0.7
			eS	28 02.00	
JCT	17.80	337	eP	25 46.00	-1.0
	1.0s	50.00nm		4.7mb	
CHN	18.49	118	eP	25 56.00	0.4
LTX	18.61	326	P	25 57.50	0.6
	0.8s	45.26nm		4.7mb	
BOG	20.00	116	eP	26 15.50	3.1X
			eS	30 07.00	
BHO	20.33	353	eP	26 14.50	-0.8
PWLA	21.05	9	P	26 22.70	0.1
UAV	21.12	103	eP	26 18.00	-5.6X
OLY	21.28	1	P	26 24.30	-0.6
SDV	21.52	102	eP	26 27.00	-0.7
PRM	21.68	22	P	26 30.00	1.1
OCO	21.87	348	eP	26 30.20	-0.6
TUL	21.96	352	eP	26 30.30	-1.4
	0.8s	95.80nm		5.3mb	
Z	18s	0.68um		4.1Msz	
			i	26 34.50	
			i	26 39.30	
			eS	30 48.00	
TOV	22.10	99	eP	26 37.00	3.7X
RLO	22.11	353	eP	26 32.40	-0.8
RSCP	22.13	14	P	26 34.80	1.4
	0.9s	91.10nm		5.2mb	
GRT	22.15	5	P	26 33.50	-0.1
JSC	22.27	24	P	26 36.10	1.3
TKL	22.66	17	P	26 40.70	2.1
GFM	23.70	21	P	26 50.00	1.1
FVM	23.79	3	eP	26 49.50	-0.1
ALO	24.51	330	ePc	26 58.00	1.3
	0.8s	42.91nm		5.0mb	
NAV	25.14	21	P	27 03.00	0.5
BLA	25.18	22	eP	27 03.20	0.3
	1.0s	20.00nm		4.5mb	
CVL	26.60	24	P	27 16.00	0.1
GLD	28.06	338	P	27 30.00	0.6
GOL	28.07	338	P	27 30.00	0.4
GLA	28.07	316	eP	27 30.00	0.6
TPC	29.52	317	eP	27 43.00	0.6
GSC	30.73	318	eP	27 53.00	-0.1
MWC	30.95	315	eP	27 54.00	-1.2
SBB	31.05	316	eP	27 54.00	-1.9
DAU	31.16	331	P	27 58.50	1.4
CLC	31.55	318	eP	28 00.00	-0.3
RSSD	31.62	343	P	28 00.80	-0.2
	0.7s	17.50nm		5.0mb	
BDW	32.33	335	P	28 07.10	-0.2
	1.0s	8.50nm		4.5mb	
EUR	32.92	325	iP	28 13.60	1.2
	0.5s	11.70nm		5.0mb	
MNA	33.51	321	ePc	28 19.30	1.8
RSNY	33.75	23	eP	28 18.30	-1.0
TMI	33.75	333	P	28 20.40	0.8
PRI	33.78	316	eP	28 10.30	-9.5X
OTT	34.06	21	eP	28 21.00	-0.9
			pP	28 43.50	98kmX
BMN	34.27	325	iP	28 25.60	1.6
	1.0s	12.75nm		4.8mb	
JAS1	34.62	318	eP	28 27.20	0.3
MNT	34.90	23	iP	28 28.50	-0.6
LRM	36.01	335	iPc	28 39.90	1.0
ORV	36.26	320	eP	28 41.80	1.1
RSON	36.66	358	P	28 42.30	-1.5
	0.7s	13.13nm		5.0mb	
MIN	36.79	321	eP	28 45.80	0.5
WDC	37.51	320	eP	28 50.00	-1.1
ZOBO	38.30	141	Pc	28 58.80	0.1
	1.0s	7.50nm		4.6mb	
			i	31 13.40	
			LR	40 08.00	
LPB	38.52	141	Pd	29 01.20	0.9
Z	20s	0.53um		4.4Msz	
			LR	43 06.00	
CNCB	38.80	142	iP	29 03.70	0.8
			i	31 15.50	
SES	39.36	341	eP	29 07.00	0.4
NEW	39.90	334	eP	29 11.00	0.0
FFC	41.25	351	eP	29 22.00	0.0
	0.5s	3.00nm		4.4mb	
PNT	41.78	333	iPc	29 27.60	1.2
	0.7s	44.00nm		5.4mb	
GMW	42.03	329	P	29 28.70	0.2
TPZ	42.09	147	(P)	29 14.00	-15.7X
EDM	42.52	341	iPc	29 32.50	0.0
	0.5s	24.00nm		5.3mb	
MCW	42.82	330	P	29 36.00	1.0
PGC	43.10	330	eP	29 38.00	0.9
YJA	44.43	144	ePd	29 49.00	0.2
SCH	45.09	20	eP	29 51.00	-2.1
YKC	50.87	347	eP	30 37.00	-0.9
	0.7s	53.00nm		5.7mb	
YKA	50.91	347	eP	30 38.40	0.2
FRB	52.17	13	eP	30 46.00	-1.7
TCA	52.29	150	ePd	30 47.90	-1.2
BAO	52.57	123	eP	30 51.30	-0.2
SOB1	55.70	112	eP	31 14.20	-0.1
	0.8s	12.30nm		5.0mb	
			e	31 17.10	
			e	31 23.00	
VAO	57.45	129	eP	31 25.20	-1.5
			e	31 32.40	
ITR	57.77	110	eP	31 29.30	0.3
	1.0s	24.70nm		5.3mb	
			e	31 33.20	
			e	31 39.80	
INK	60.31	343	ePc	31 45.70	0.0
	0.9s	44.00nm		5.6mb	
MBC	63.79	353	eP	32 08.00	-0.9
ALE	69.41	4	ePc	32 43.20	-1.2
	0.7s	11.00nm		4.9mb	
ELO	77.39	35	iPc	33 30.50	-0.7
EBH	77.52	35	eP	33 31.20	-0.8
EDI	77.74	35	eP	33 32.10	-1.0
ESK	77.81	36	ePd	33 33.00	-0.5
EKA	77.83	36	Pc	33 32.80	-0.9
	0.8s	22.10nm		5.2mb	
ESY	78.06	35	ePc	33 34.40	-0.5
	0.8s	25.00nm		5.2mb	
LPF	80.24	43	eP	33 45.80	-1.1
	0.9s	15.10nm		4.9mb	
GRR	80.30	43	eP	33 46.40	-0.8
	0.8s	15.40nm		5.0mb	
FLN	80.48	42	eP	33 47.40	-0.7
	0.8s	13.40nm		4.9mb	
MFF	81.10	44	eP	33 50.80	-0.7
	0.8s	5.30nm		4.5mb	
LFF	82.04	46	eP	33 55.80	-0.6
	1.0s	16.20nm		4.9mb	
EPF	82.15	48	eP	33 56.40	-0.7
	0.8s	4.50nm		4.5mb	
LPO	82.41	46	eP	33 57.60	-0.7
RJF	82.50	45	eP	33 58.00	-0.8
	0.8s	5.30nm		4.5mb	
CAF	82.96	46	eP	34 00.40	-0.8
	1.0s	4.80nm		4.4mb	
MZF	83.03	44	eP	34 00.60	-0.9
	1.0s	9.20nm		4.7mb	
GRC	83.11	43	iPd	34 02.70	0.8
BGF	83.13	44	eP	34 01.20	-0.8
	0.8s	12.90nm		4.9mb	
AVF	83.41	44	eP	34 02.60	-0.8
	0.9s	8.80nm		4.7mb	
DOU	83.43	40	Pc	34 03.80	0.4
SSF	83.45	43	eP	34 02.80	-0.9
	0.8s	9.40nm		4.8mb	
LOR	83.64	43	eP	34 04.00	-0.6
	0.8s	13.40nm		5.0mb	
SMF	83.78	44	eP	34 04.20	-1.1
	0.8s	4.50nm		4.5mb	
LBF	83.79	43	eP	34 04.40	-1.0
	0.8s	3.70nm		4.4mb	
WIT	84.00	37	eP	34 14.00	7.8X
NB2	84.01	28	P	34 07.00	0.8
	0.8s	4.60nm		4.6mb	
ENN	84.09	39	ePc	34 07.00	0.3
	0.9s	21.00nm		5.2mb	
MEM	84.18	39	P	34 07.20	0.0
WTS	84.30	38	eP	34 08.50	0.8
	0.8s	6.00nm		4.7mb	
WLF	84.52	40	P	34 09.50	0.6
HAU	85.08	42	eP	34 11.40	-0.4
	0.9s	14.40nm		5.0mb	
BSF	85.42	42	eP	34 13.00	-0.6
	0.8s	8.00nm		4.8mb	
HFS	85.46	29	eP	34 14.00	0.6
	0.5s	5.50nm		4.9mb	
CDF	85.57	41	eP	34 14.00	-0.3
	0.9s	6.50nm		4.7mb	
KIC	85.78	85	eP	34 17.30	1.4
CDR	85.85	46	ePd	34 16.20	0.5
			e	34 27.60	
EMS	85.99	44	eP	34 17.10	0.5
LPG	86.03	44	eP	34 15.60	-1.4
BUH	86.10	41	eP	34 16.70	-0.2
DIX	86.31	43	eP	34 19.50	1.2
LMR	86.46	46	eP	34 18.40	-0.3
	0.8s	5.90nm		4.8mb	
FRF	86.49	46	eP	34 18.60	-0.3
	0.8s	8.30nm		4.9mb	
SLE	86.53	42	eP	34 19.20	0.1
ZUL	86.55	42	eP	34 19.30	0.1
MMK	86.69	43	eP	34 21.30	1.2
LLS	87.13	42	eP	34 23.10	0.9
SAX	87.24	42	eP	34 23.20	0.4
SOD	87.47	20	iP	34 23.30	0.1
MOX	87.58	38	eP	34 25.00	1.0
GRF	87.65	39	eP	34 25.60	1.2
Z	22s	0.20um		4.5Msz	
OSS	87.93	42	eP	34 26.30	0.3
CVF	88.34	47	eP	34 27.20	-0.6
KHC	89.29	39	P	34 33.20	0.9
PRU	89.57	38	eP	34 34.00	0.5
SUF	89.73	24	iP	34 34.10	0.1
	0.7s	3.20nm		4.7mb	
NUR	90.23	26	eP	34 33.00	-3.3X
NDI	136.17	14	ePKP	41 00.00	1.9
CHG	145.55	342	iPKPc	41 16.00	1.0
	1.1s	41.14nm			
CHTO	145.55	342	iPKP	41 15.90	0.9
	1.1s	37.69nm			
LOE	145.88	336	ePKP	41 16.00	0.4
HYB	147.28	17	iPKPc	41 21.10	3.2X
	1.0s	100.00nm			
NST	148.07	338	iPKPc	41 23.80	4.7X
KHT	149.43	340	ePKP	41 27.70	6.4X
GBA	150.51	21	PKPc	41 29.60	6.7X
	0.7s	30.50nm			
KOD	153.61	24	ePKP	41 39.00	11.2X
S.D. = 0.9 on 133 of 149 obs.					

JUN 05, 1985 06h 28m 59.93± 0.61s
21.814 N ± 5.2km 142.796 E ±14.2km
DEPTH = 319.3 ± 7.1 km
4.7mb (7 obs.)
MARIANA ISLANDS REGION (215)

GUMO	8.42	166	eP	30 59.80	0.3
PJG	8.42	166	eP	30 59.70	0.2
GUA	8.47	166	eP	30 59.90	-0.3
	1.0s	200.00nm		5.2mb	
KYS	13.54	351	eP	32 02.30	0.6
OYM	13.91	348	eP	32 06.70	0.4
SRY	14.09	348	eP	32 08.00	-0.3
DDR	14.48	348	eP	32 13.00	0.0
TSK	14.54	351	eP	32 13.30	-0.3
MAT	15.21	346	(P)	32 21.00	0.1
WB2	42.31	192	iPd	36 23.70	-1.2
NAU	51.49	213	iPd	37 35.50	-0.2
INK	67.61	24	ePc	39 23.20	-1.1
MBC	70.83	15	eP	39 41.00	-2.7
YKA	76.52	28	eP	40 16.50	0.1
YKC	76.58	28	ePc	40 16.50	-0.2
	0.6s	11.00nm		4.8mb	
KEV	78.13	341	iP	40 26.00	0.9
	0.6s	10.40nm		4.8mb	
SOD	79.51	339	iP	40 33.80	1.3
NEW	80.44	42	eP	40 38.00	0.2
KJF	80.80	336	eP	40 39.00	-0.3
SUF	82.19	335	iP	40 46.70	0.2
	0.5s	3.60nm		4.5mb	
SES	83.21	38	ePc	40 51.90	-0.1

05d 06h

NUR	84.02	334	iP	40	56.00	0.3
LRM	84.34	43	eP	40	58.20	0.2
FFC	85.92	32	iPc	41	05.50	0.3
	0.7s		8.00nm			4.7mb
HFS	88.48	337	eP	41	16.80	-0.6
	0.5s		6.60nm			4.8mb
NB2	88.71	339	PKP	41	17.80	-0.8
	0.5s		0.90nm			4.0mb
ZOBO	150.29	85	ePKP	48	11.20	0.6
LPB	150.38	85	ePKP	48	12.00	1 4
			i	48	17.00	
CNCB	150.56	86	ePKP	48	12.00	1.0
			i	48	18.00	
S.D = 0.9 on 29 of 29 obs						

• JUN 05, 1985 06h 52m 58.03± 1.32s
66.919 N ± 8.3km 154.613 W ±13.2km
DEPTH = 33.0km (normal)
ALASKA (676)
ML 3.6 (PMR).

IMA	0.93	156	iPd	53	14.00	-0.9
FBA	3.45	123	iP	53	51.30	0.5
TTA	4.05	189	eP	53	59.00	-0.3
PWA	5.68	157	eP	54	23.40	1.2
SVW	5.85	185	ePc	54	24.60	-0.2
PMR	5.86	153	eP	54	24.60	-0.1
TOA	6.05	139	eP	54	28.30	0.8
DWY	6.93	107	P	54	38.60	-1.3
			Lg	56	31.60	
INK	8.16	71	eP	54	57.00	0.0
MBC	14.22	34	eP	56	19.00	0.3
YKA	17.42	86	eP	57	03.50	3.9X
S.D. = 0.8 on 10 of 11 obs.						

• JUN 05, 1985 07h 43m 27.96± 1.22s
17.319 S ±18.8km 179.494 E ±11.3km
DEPTH = 101.6 ± 19.1 km
FIJI ISLANDS (182)

KRO	0.10	273	iPd	43	42.40	-0.9
MBU	0.81	295	iP	43	48.40	1.5
VUN	1.20	235	eP	43	51.40	0.4
SVA	1.27	231	iP	43	51.40	-0.4
SGE	1.52	260	iPd	43	56.00	0.9
YSA	1.94	288	iP	43	58.80	-1.5
NDF	2.00	257	eP	44	00.80	-0.3
AFI	9.07	69	(P)	45	38.00	0.2
S.D. = 1.3 on 8 of 8 obs.						

JUN 05, 1985 08h 48m 28.16± 0.97s
36.208 N ± 7.4km 27.752 E ± 7.9km
DEPTH = 35.4 ± 12.3 km
4.1mb (17 obs.)
DODECANESE ISLANDS (369)

ELL	1.82	72	iPn	49	00.50	2.7
NPS	1.98	242	ePn	49	00.00	0.0
			eSb	49	22.00	
			eSg	49	23.00	
IZM	2.22	350	iPn	49	02.40	-1.0
BCK	2.60	60	iPn	49	12.40	3.6X
PRK	3.25	339	ePn	49	16.00	-2.0
DST	3.46	11	ePn	49	20.10	-0.9
ATH	3.58	300	ePg	49	27.80	3.8X
			eSn	49	53.30	
EZN	3.78	343	iPn	49	23.50	-2.0
KCT	4.06	7	ePn	49	28.00	-1.5
EDC	4.13	1	ePn	49	28.80	-1.7
KGT	4.25	355	ePn	49	30.60	-1.6
GPA	4.54	26	ePn	49	37.30	1.0
CSS	4 71	104	eP	49	38.80	0.0
ISK	4.96	12	ePn	49	55.00	12.8X
KDZ	5.74	342	iPd	49	52.00	-1.2
VLS	6.05	291	ePb	50	01.00	3.4X
DIM	6.07	345	eP	49	58.00	0.2
MMB	6.22	331	iPd	50	00.00	-0.1
KZN	6.24	313	ePb	50	05.50	5.2X
JMB	6.32	352	eP	50	03.00	1.7
PLD	6.35	339	eP	50	02.00	0.3
VAY	6.51	323	iPn	50	05.50	1.4
HRI	7.20	112	eP	50	12.50	-1.3
			eS	51	37.50	
PVL	7.21	345	eP	50	14.00	0.2
VTS	7.29	332	eP	50	16.00	1.1
OHR	7.32	314	ePn	50	18.10	2.7
SKO	7.56	321	ePn	50	30.00	11.2X
Z 11s 0.68um						
JER	7.60	123	eP	50	51.00	31.6X
			eS	51	37.50	
BUC	8.29	352	eP	51	18.00	49.1X
PRNI	8.42	132	eP	50	27.50	-3.3X
			eS	52	02.00	
MLR	9.37	352	eP	50	45.00	1.0
CEY	13.84	318	eP	51	45.00	1.0
LJU	13.97	319	eP	51	48.20	2.4
			e	56	28.70	
VOY	14.31	318	eP	51	48.00	-2.3
			ePP	54	28.00	
KBA	15.27	320	eP	51	59.00	-3.9X
	1.3s		52.50nm			4.6mb
			e	52	03.00	
			i	52	10.70	
			i	52	24.30	
			e	54	42.00	
CVF	15.91	299	eP	52	14.70	3.7X
	1.1s		8.30nm			3.8mb
KHC	16.56	326	P	52	20.50	1.3
	1.0s		13.50nm			4.0mb
PRU	16.78	329	Pc	52	25.00	3.1X
KSP	16.79	334	eP	52	23.00	0.9
BRG	17.70	330	eP	52	37.30	3.9X
	1.5s		20.00nm			4.0mb
LPG	18.35	307	eP	52	43.20	1.4
	0.9s		7.50nm			3.9mb
CLL	18.42	330	eP	52	44.00	1.7
	2.4s		60.00nm			4.3mb
			i	52	52.00	
MOX	18.53	326	eP	52	44.00	0.4
	2.5s		90.00nm			4.5mb
Z	14s		0.30um			
N	14s		0.40um			
BSF	19.36	313	eP	52	54.80	1.1
CDF	19.37	315	eP	52	55.40	1.6
GWF	19.48	317	eP	52	56.40	1.4
TNS	19.77	321	eP	53	00.00	1.9
SMF	20.66	308	eP	53	05.50	-1.9
	1.1s		12.20nm			4.2mb
LBF	20.71	309	eP	53	06.60	-1.2
	0.8s		3.70nm			3.8mb
LOR	20.89	309	eP	53	08.70	-1.0
	0.9s		3.90nm			3.8mb
AVF	21.03	308	eP	53	09.60	-1.5
	1.0s		9.10nm			4.1mb
SSF	21.03	309	eP	53	09.70	-1.4
	0.8s		11.20nm			4.3mb
MEM	21.26	319	Pc	53	19.80	6.5X
BGF	21.27	307	eP	53	12.20	-1.4
CAF	21.30	302	eP	53	11.50	-2.4
	1.1s		8.30nm			4.0mb
MZF	21.33	306	eP	53	12.60	-1.5
GRC	21.40	309	ePc	53	14.80	0.1
NB2	26.99	342	P	54	08.40	0.1
	0.7s		1.80nm			3.8mb
BNG	32.74	197	iPc	55	00.30	0.5
	0.7s		9.00nm			4.8mb
			ic	55	03.80	
BCAO	32.74	197	eP	55	00.10	0.2
	0.8s		3.66nm			4.3mb
KIC	42.03	233	eP	56	18.00	0.0
TUL	91.11	317	eP	01	30.30	-0.2
	0.8s		4.20nm			4.9mb
S.D. = 1.5 on 48 of 62 obs.						

• JUN 05, 1985 08h 51m 06.89± 1.07s
36.348 N ±10.6km 27.514 E ± 9.5km
DEPTH = 33.0km (normal)
DODECANESE ISLANDS (369)
ML 3.7 (ATH).

NPS	1.89	236	ePn	51	37.50	0.1
			eSg	52	01.50	
ELL	1.97	78	iPn	51	37.50	-1.2
IZM	2.06	354	ePn	51	40.90	1.1
BCK	2.70	65	ePn	51	50.40	1.4
PRK	3.06	342	ePn	51	54.50	0.5
ATH	3.44	299	ePg	52	03.00	3.5X
EZN	3.60	345	ePn	52	00.50	-1.1
KCT	3.95	9	ePn	52	10.00	3.3X
KGT	4.10	358	ePn	52	08.00	-0.8
S.D. = 1.3 on 7 of 9 obs.						

% JUN 05, 1985 09h 31m 16.50± 1.22s
17.308 N ±19.2km 94.105 W ±11.6km
DEPTH = 33.0km (normal)
CHIAPAS, MEXICO (61)

PBJ	1.52	235	iP	31	42.20	0.6
			iS	32	02.50	
COM	2.16	119	iP	31	51.00	-0.1
			iS	32	13.00	
VHO	2.51	269	iP	31	56.50	0.4
			iS	32	26.00	
TPM	5.00	290	iP	32	32.00	0.6
IIC	5.47	297	iP	32	39.00	0.9
OXM	5.66	291	iP	32	41.00	0.1
PIM	7.47	279	iP	33	03.50	-2.5
S.D. = 1.4 on 7 of 7 obs.						

% JUN 05, 1985 09h 53m 14.17± 0.84s
17.140 N ±12.1km 94.689 W ± 8.4km
DEPTH = 33.0km (normal)
CHIAPAS, MEXICO (61)

PBJ	0.98	225	iP	53	32.00	0.4
			iS	53	46.30	
VHO	1.96	273	iP	53	45.00	-0.9
			iS	54	07.50	
COM	2.61	109	iP	53	55.00	-0.1
			i	54	20.00	
TPM	4.55	294	iP	54	22.90	0.2
IIP	4.58	299	iP	54	24.00	0.7
IIC	5.06	302	iP	54	30.00	-0.1
OXM	5.21	295	iP	54	32.00	-0.3
S.D. = 0.6 on 7 of 7 obs.						

& JUN 05, 1985 10h 00m 50.30s
32.990 N 115.570 W
DEPTH = 8.0km
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 3.3 (PAS).

GLA	0.63	84	eP	01	02.00	-0.9
HAY	0.72	355	iPd	01	03.60	-1.1
EMX	1.04	164	iPc	01	11.77	1.7
			S	10	28.33	
CBX	1.14	234	iPc	01	10.70	-1.1
			S	10	25.20	
SLBC	1.43	271	eP	01	14.20	-2.3
ENX	1.44	220	iPc	01	16.60	-0.1
			S	10	34.40	
PBX	1.58	218	iPd	01	18.95	0.3
			S	10	39.05	
SDW	2.04	323	eP	01	27.50	2.0
8 obs. associated						

& JUN 05, 1985 10h 36m 00.60s
32.562 N 106.916 W
DEPTH = 6.0km
NEW MEXICO (496)
<GLD>. ML 2.9 (GLD). Felt (IV) at Radium Springs. Also felt at Leosburg.

EPT	0.86	156	iP	36	14.90	-2.7
			e(S)	36	25.00	
ALQ	2.40	9	ePn	36	42.00	0.7
			eSn	37	09.00	
LTX	4.26	138	P	37	05.70	-1.9
TUL	9.80	67	e(P)	38	59.30	34.3
	0.5s		17.70nm			
			e	41	06.00	
4 obs. associated						

? JUN 05, 1985 11h 17m 11.46± 6.72s
45.614 N ±28.0km 26.257 E ±32.0km
DEPTH = 140.5 ± 58.6 km
ROMANIA (358)

CVO	0.22	344	eP	17	30.00	-0.2
MLR	0.25	241	iPc	17	31.00	0.5
VRI	0.42	52	iPc	17	31.00	-0.6
BRD	0.57	100	iPc	17	32.50	0.2
PPE	1.12	57	iPc	17	37.00	0.2
CLI	1.18	37	iPc	17	56.00	18.7X
CGN	1.46	187	iPc	17	40.00	-0.2
S.D. = 0.6 on 6 of 7 obs.						

• JUN 05, 1985 12h 04m 44.68± 1.19s
33.714 S ±12.1km 179.741 W ±17.1km
DEPTH = 33.0km (normal)

4.9mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ	5.24	200	P	06 04.00	1.2
			S	07 08.00	
KRP	5.69	221	eP	06 14.00	5.0X
CRZ	6.33	261	eP	06 19.00	0.9
MNG	7 87	208	P	06 38.50	-1.3
			S	08 13.00	
NOU	16 64	310	iPc	08 41.00	4.0X
CTA	33.06	286	iPc	11 20.20	0.8
	0.6s	9.00nm		4.8mb	
ASPA	41.58	271	eP	12 31.00	-0.2
			eS	18 50.00	
WB2	42.86	277	eP	12 41.00	-0.7
WBN	46.70	264	eP	13 11.00	-1.3
	0.6s	11.00nm		5.0mb	
SPA	56.46	180	e(P)	14 31.80	6.2X
KJF	145.13	339	ePKP	24 11.00	-8.4X
			e	26 14.00	
BNG	146.26	214	iPKPc	24 18.80	-4.1X
	0.6s	5.00nm			
			id	26 23.30	
BCAO	146.26	214	ePKP	24 18.60	-4.3X
	1.0s	3.25nm			
SUF	146.70	338	iPKP	24 15.90	-6.2X
	0.4s	3.70nm			
NUR	148.84	337	iPKP	24 22.20	-3.4X
	0.6s	10.40nm			
			i	24 34.20	
			e	26 27.00	
NB2	151.75	349	PKP	24 30.80	0.8
	0.7s	3.30nm			
HFS	152.13	346	ePKP	24 30.20	-0.3
	0.7s	4.70nm			
KIC	152.39	169	ePKP	24 42.00	9.7X

S.D. = 1.1 on 9 of 18 obs.

JUN 05, 1985 12h 32m 29.76± 0.28s
5.872 S ± 2.9km 145.652 E ± 3.4km
DEPTH = 115.5 ± 2.9 km
5.3mb (14 obs.)
EAST PAPUA NEW GUINEA REGION (207)

MDG	0.63	12	iPd	32 48.00	-0.3
LAT	1.55	120	iPd	32 58.00	0.1
WEW	3.06	319	eP	33 18.00	0.6
PMG	3.82	157	iPc	33 26.40	-1.3
LMG	3.90	141	iPd	33 29.00	0.0
MOM	4.19	25	iPc	33 34.00	1.3
JAY	5.95	304	ePd	33 55.50	-1.5
ALOA	6 42	134	eP	34 03.50	0.2
BGA	9 48	92	eP	34 44.00	-0.9
CTA	14.14	178	iPd	35 46.80	0.7
	1.4s	102.33nm		4.9mb	
VSG	14.34	104	eP	35 52.00	3.4X
HNR	14.60	105	eP	35 52.00	0.0
MTN	15.91	243	eP	36 08.00	-0.4
AAI	17.53	276	ePd	36 29.00	0.6
WB2	17.79	217	eP	36 31.50	-0.1
RMO	20.71	172	eP	37 03.00	0.2
ASPA	21 00	211	eP	37 01.00	-4.7X
			eS	41 01.00	
			eScS	48 22.00	
STK	26.15	188	eP	37 56.00	1.0
WBN	27 17	220	eP	38 04.00	-0.3
KKM	31 68	291	ePc	38 43.80	-0.8
MEK	33.06	228	iPc	38 56.20	-0.3
	0.5s	26.00nm		5.3mb	
NAU	33.49	237	eP	38 59.00	-1.1
KLG	33.62	220	iPc	39 01.00	-0.2
MRWA	36.38	227	iPd	39 24.50	-0.2
KL8	36.55	222	iPd	39 25.30	-0.8
BAL	36.67	224	iPd	39 26.80	-0.3
NWAO	37.74	221	eP	39 36.00	0.0
MUN	37.83	223	eP	39 36.00	-0.8
RKG	38.61	220	eP	39 46.00	2.7X
KRP	41.90	144	P	40 11.00	0.7
GZH	42.72	313	Pc	40 19.00	1.9
MAT	42.76	351	eP	40 16.00	-1.3
	1.5s	61.11nm		5.1mb	
KGM	42.99	279	iPd	40 20.60	1.1
	0.7s	70.70nm		5.5mb	
OIZ	43.09	306	P	40 21.00	0.8
SSE	43.57	329	iPc	40 24.00	0.1
GNZ	43.85	143	P	40 27.00	0.9
PPI	45.49	275	eP	40 39.20	-0.3
	0.8s	101.20nm		5.6mb	
IPM	45.75	282	iPd	40 41.90	0.3
	0.9s	60.10nm		5.4mb	
			e	42 18.90	
SNG	46.77	286	eP	40 50.00	0.4
WHN	47.00	322	P	40 52.00	0.8
PSI	47.43	279	iP	40 55.00	0.1
	0.7s	22.60nm		5.1mb	
LOE	49.16	299	eP	41 08 00	-0.1
GYA	49.60	312	P	41 14.40	2.9X
TIA	49.68	330	eP	41 10.40	-1.4
NST	49.90	296	iPd	41 14.00	0.3
KHT	50.97	294	eP	41 22.90	1.0
SNY	51.57	339	eP	41 25.00	-1.1
KMI	51.86	308	Pd	41 29.50	0.7
CHG	52.15	299	iPd	41 31.80	1.0
	1.0s	60.00nm		5.5mb	
CHTO	52.15	299	iPd	41 31.90	1.1
	1.1s	70.08nm		5.5mb	
			pP	42 17.10	202kmX
CN2	52.71	342	Pd	41 32.60	-1.9
XAN	52.74	321	Pd	41 34.00	-1.0
BJI	53.15	332	eP	41 37.00	-0.7
TIY	53.26	327	P	41 38.00	-0.7
CD2	54.23	315	P	41 45.80	-0.2
BTO	56.65	328	eP	42 02.40	-0.9
LZH	57.24	320	Pd	42 08.00	0.4
DRV	60.82	183	eP	42 31.00	-0.5
SHL	60.83	303	iP	42 32.80	0.2
GTA	61.79	321	iPc	42 39.40	0.6
PKI	66.95	303	iPd	43 13.00	0.3
KKN	67.13	303	iPd	43 14.30	0.6
DMN	67.22	303	iPd	43 15.20	0.9
HYB	70.16	291	ePd	43 31.50	-0.8
	0.8s	40.00nm		5.3mb	
GBA	70.41	287	Pd	43 33.90	0.1
	1.0s	37.40nm		5.2mb	
WMO	71.82	320	Pd	43 42.00	0.1
NDI	74.17	302	iPd	43 55.50	-0.3
	0.6s	73.33nm		5.7mb	
MAW	81.85	203	eP	44 37.00	0.0
IMA	83.92	21	eP	44 48.10	0.3
SPA	84.17	180	iPd	44 49.70	0.6
	0.9s	14.55nm		4.9mb	
FBA	85.59	23	eP	44 55.10	-0.9
	0.8s	10.30nm		4.8mb	
MTD	111.07	250	iPKPc	50 53.00	0.7
KRI	112.89	249	ePKP	50 55.00	-0.8
BUL	112.96	245	iPKPd	50 55.70	-0.2
VHO	118.07	74	ePdiff	47 21.00	-3.3X
BSF	125.44	327	ePKP	51 18.70	-0.3
HAU	125.58	327	ePKP	51 19.00	-0.1
LPG	126.83	325	ePKP	51 22.60	0.6
BNG	127.31	271	iPKPd	51 23.80	0.3
	0.8s	14.00nm			
BCAO	127.33	271	ePKP	51 24.00	0.5
	0.6s	4.63nm			
LBF	127.47	328	ePKP	51 22.70	-0.1
	0.8s	3.20nm			
SSF	127.68	328	ePKP	51 23.30	0.2
SMF	127.76	327	ePKP	51 23.50	0.2
LMR	128.21	323	ePKP	51 24.30	0.1
	0.9s	6.20nm			
LRG	128.23	323	ePKP	51 24.60	0.3
	1.0s	16.60nm			
TCF	128.86	328	ePKP	51 25.60	0.2
	0.7s	3.00nm			
LSF	129.24	328	ePKP	51 26.00	-0.1
TPZ	136.71	130	(PKP)	51 37.00	-4.5X
CNCB	139.83	125	ePKP	51 41.00	-6.6X
LPB	139.88	124	(PKP)	51 39.00	-8.5X
ZOBO	139.99	124	ePKPc	51 41.70	-6.2X
VAO	148.76	157	ePKP	52 06.40	4.4X
			e	52 47.90	
KIC	150.56	273	iPKP	52 11.30	6.5X
BAO	154.72	148	ePKP	52 19.50	8.8X
SOB1	163.66	156	ePKP	52 21.20	0.4
			e	52 22.90	
			e	53 13.90	

S.D. = 0.7 on 83 of 95 obs.

* JUN 05, 1985 13h 45m 08.73± 1.75s
37.572 N ±13.7km 20.817 E ±14.8km
DEPTH = 65.1 ± 10.4 km
3.9mb (4 obs.)
IONIAN SEA (399)

VLS	0.63	344	ePg	45 22.00	-0.7
			eSg	45 32.60	
ATH	2.33	79	ePb	45 47.30	1.8
			eSg	46 20.30	
KZN	2.83	15	ePn	45 53.90	1.3
LIT	2.84	27	ePnd	45 53.00	0.3
			eSn	46 26.30	
OHR	3.53	360	iPn	46 03.90	1.5
KNT	3.93	24	ePnc	46 06.20	-1.7
			eSn	46 55.60	
VAY	3.98	19	iPn	46 08.40	-0.2
SRS	4.14	30	ePn	46 10.00	-1.6
SKO	4.42	6	iPn	46 14.80	-0.1
			iSn	47 06.00	
NPS	4.50	119	ePn	46 15.50	-0.5
PRK	4.60	67	ePn	46 16.90	-0.4
HFS	23.04	351	eP	50 09.20	0.5
	0.4s	2.20nm		3.9mb	
NUR	23.09	5	eP	50 07.00	-2.1
EKA	24.06	325	P	50 22.00	3.4X
	0.6s	2.20nm		3.8mb	
NB2	24.26	349	P	50 21.60	1.0
	0.5s	0.90nm		3.5mb	
SUF	25.39	6	iP	50 31.50	0.3
	0.3s	2.10nm		4.1mb	
KJF	26.98	7	eP	50 46.00	0.2
SOD	30.03	4	eP	51 13.00	-0.2

S.D. = 1.2 on 17 of 18 obs.

% JUN 05, 1985 13h 58m 15.83± 3.21s
45.261 N ±24.6km 26.799 E ±14.7km
DEPTH = 10.0km (geophysicist)
ROMANIA (358)

BRD	0.31	35	iPd	58 22.00	-0.3
VRI	0.61	355	iPc	58 27.00	-1.2
MLR	0.65	291	iPc	58 30.00	1.1
CVO	0.71	322	iPc	58 30.00	0.1
PPE	1.11	31	eP	58 40.00	3.3X
CMP	1.24	271	eP	58 38.00	-1.0
CLI	1.33	15	iPc	58 41.50	1.1
CLO	2.83	268	eP	59 16.00	8.0X

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

JUN 05, 1985 14h 58m 12.99± 0.59s
15.084 S ± 9.2km 177.432 W ± 7.0km
DEPTH = 375.8 ± 6.3 km
4.8mb (7 obs.)
FIJI ISLANDS REGION (181)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 18C
Centroid Location:
Origin Time 14:58:24.5 1.3
Lat 15.47S 0.11 Lon 177.83W 0.11
Dep 380.3 4.0 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr=-5.50 0.55 Mtt=-1.07 1.10
Mff= 6.57 0.83 Mrt= 0.61 0.86
Mrf= 1.06 0.87 Mtf= 5.74 0.87
Principal Axes:

T	Val= 9.74	Plg= 5	Azm=298
N	-4.15	0	28
P	-5.60	85	118

Best Double Couple:Mo=7.7*10**23
NP1:Strike= 28 Dip=40 Slip= -90
NP2: 208 50 -90

SVA	4.96	232	eP	59 35.50	1.6
SGE	5.11	240	ePc	59 36.00	0.3
NDF	5.58	241	iP	59 41.30	0.6
AFI	5.60	79	P	59 39.00	-2.0
NOU	16.87	242	iPc	01 51.50	3.2X
KRP	23.59	194	P	02 52.00	-1.2
CTA	34.93	256	iPc	04 33.00	0.5
	0.9s	7.14nm		4.0mb	
WB2	46.11	257	eP	06 01.80	-1.4
ASPA	46.51	252	iPd	06 05.30	-1.0
	0.6s	74.00nm		5.1mb	
			eS	12 23.00	
WBN	53.20	249	iPc	06 56.00	-0.4
KLB	60.94	242	eP	07 48.00	-1.9
SBA	63.28	184	e(P)	08 05.10	0.7
MAT	66.24	322	(P)	08 22.00	-1.8
ADK	66.69	1	eP	08 24.80	-1.4
PRI	73.94	45	ePd	09 09.20	-0.7
SPA	75.01	180	e(P)	09 16.10	0.5

05d 15h

FRI	75.04	44	e(P)	09	16.00	0.0
JAS1	75.07	43	eP	09	16.20	0.0
SBB	75.15	47	eP	09	16.00	-0.8
WDC	75.19	40	eP	09	17.30	0.5
ISA	75.20	46	eP	09	18.00	1.0
ORV	75.27	41	eP	09	17.20	0.0
KDC	75.44	14	eP	09	17.60	-0.1
MIN	75.64	41	eP	09	20.50	1 0
CLC	75 89	46	eP	09	21 00	0.2
TPC	76.14	49	eP	09	16.00	-6.2X
GSC	76 19	47	eP	09	23.00	0.5
GLA	76.53	50	eP	09	25.00	0.6
MNA	76.85	44	eP	09	26.60	0.4
CNC	78.38	322	eP	09	34.40	0.2
BMN	78.50	43	eP	09	35.90	0.8
	1.0s		6.75nm			4.4mb
EUR	78.85	44	iP	09	37.80	0.7
	0.2s		11.72nm			5.3mb
TTA	79.54	10	eP	09	40.50	0.5
PMR	79.65	13	eP	09	39.90	-0.6
TIA	80.06	312	eP	09	43.80	0.6
PNL	80.60	18	eP	09	45.50	0.0
PNT	81.88	34	eP	09	52.00	-0.4
	0.7s		11.00nm			4.7mb
BJI	82.46	315	eP	09	56.00	0.6
FWA	82.84	10	eP	09	57.40	0.3
FBA	82.86	12	ePd	09	56.50	-0.5
	1.0s		62.50nm			5.3mb
TIY	84.10	311	eP	10	04.50	0.7
LRM	84.21	40	eP	10	05.00	0.5
XAN	85.31	307	eP	10	10.90	1.0
BTO	86.96	313	eP	10	15.60	-2.2
EDM	87.29	33	eP	10	18.50	-0.5
CD2	88.34	302	eP	10	24.00	-0.5
CHTO	88.93	290	eP	10	29.00	1.7
	1.3s		7.76nm			4.4mb
GTA	93.96	310	P	10	51.10	0.8
SUF	129.60	346	ePKP	16	38.00	-0.8
	0.8s		2.50nm			
NB2	133.69	354	PKP	16	46.00	-0.7
	0.8s		2.80nm			
APO	133.87	352	ePKP	16	35.60	-11.4X
	0.4s		1.30nm			
CLL	142.90	349	ePKP	17	01.00	-2.7X
WTS	143.02	356	ePKP	17	02.50	-1.4
JOS	143.54	340	ePKPd	17	03.40	-1.5
	1.0s		45.10nm			
MOX	143.78	350	e(PKP)	17	03.00	-2.3X
PRU	143.85	347	PKPd	17	03.80	-1.6
	1.5s		33.30nm			
MLR	143.85	332	ePKP	17	05.00	-0.7
ENN	144.31	356	ePKP	17	05.50	-0.6
UCC	144.35	358	PKP	17	06.40	0.2
MEM	144.46	356	PKP	17	05.40	-0.9
GRF	144.77	350	iPKPd	17	07.20	0.2
	1.4s		105.00nm			
SRO	144.86	341	ePKP	17	07.50	0.4
KHC	144.87	347	iPKPd	17	07.20	0.0
	1.5s		124.50nm			
ZST	144.87	343	iPKP	17	08.10	0.9
WET	145.00	348	iPKPc	17	08.10	0.7
DOU	145.04	358	PKPc	17	07.70	0.3
WLF	145.39	356	PKP	17	09.30	1.4
CLO	145.56	334	ePKP	17	05.00	-3.4X
JER	145.94	305	ePKP	17	08.50	-1.1
BUH	146.18	353	ePKP	17	10.80	1.4
FUR	146.24	349	iPKPc	17	11.80	2.3X
FLN	146.32	4	iPKPd	17	11.10	1.6
LDF	146.51	3	iPKPd	17	11.60	1.7
CDF	146.54	354	iPKPd	17	12.10	2.1X
PPNI	146.60	303	ePKP	17	13.50	2.9X
GPR	146 67	4	iPKPd	17	12.50	2.4X
KBA	146 86	346	iPKPd	17	12.40	1.7
	0.9s		17.60nm			
LPF	147.01	4	iPKPd	17	13.50	2.9X
HAU	147.02	355	ePKP	17	13.40	2.7X
BSF	147.16	355	ePKP	17	13.60	2.5X
VOY	147.71	345	ePKP	17	12.00	0.0
GRC	147.88	359	iPKPd	17	16.20	4.1X
LOR	147.89	358	iPKPd	17	15.70	3.5X
SSF	148.11	359	iPKPd	17	16.40	3.9X
LBF	148.17	358	iPKPd	17	16.40	3.8X
AVF	148.38	359	iPKPd	17	16.90	4.0X
MFF	148.50	4	ePKP	17	17.50	4.4X
SMF	148.52	358	iPKPd	17	17.30	4.2X
BGF	148.62	360	iPKPd	17	17.70	4.4X
VAY	148.63	330	ePKP	17	17.00	3.6X
SKO	148.64	332	iPKP	17	17.00	3.5X
TCF	148.89	0	ePKP	17	18.00	4.2X
LSF	148.92	1	ePKP	17	17.90	4.1X
MZF	148.96	360	iPKPd	17	18.50	4.6X
LPG	149.48	354	iPKPd	17	18.70	3.7X
OHR	149.62	332	ePKP	17	14.50	-0.6
			i	17	19.50	
RJF	149.86	1	iPKPd	17	20.70	5.5X
LFF	150.20	3	ePKP	17	21.50	5.8X
CAF	150.25	1	ePKP	17	21.70	5.8X
LPO	150.47	2	iPKPd	17	22.30	6.2X
CDR	151.37	355	ePKPc	17	24.80	7.3X
FRF	151.41	354	ePKP	17	23.90	6.3X
LRG	151.54	354	iPKPd	17	24.60	6.9X
CVF	152.08	350	ePKP	17	25.40	6.8X
EPF	152.08	3	ePKP	17	27.40	8.7X
BNG	161.05	238	ePKPd	17	30.20	-0.3
	1.0s		10.00nm			
BCAO	161.05	238	ePKP	17	30.10	-0.4
	1.4s		5.29nm			
	S.D. = 1.0		on	71	of 107	obs.

• JUN 05, 1985 15h 14m 31.84± 0.89s
5.617 S ±11.9km 150.835 E ±11.9km
DEPTH = 33.0km (normal)
4.0mb (1 obs.) 5.5Msz (1 obs.)
NEW BRITAIN REGION (192)

LAT	3.95	255	eP	15	36.00	4.3X
LMG	4.22	219	eP	15	35.00	-0.6
BGA	4.36	97	eP	15	37.00	-0.6
ALOA	4.67	186	eP	15	41.00	-0.9
CTA	15.06	197	iPd	18	12.40	8.4X
	0.9s		8.40nm			4.0mb
RMQ	20.85	185	eP	19	15.00	1.5
WB2	21.44	227	eP	19	19.50	0.0
MAT	43.57	345	eP	22	34.00	-0.5
ZOBO	135.75	120	PKP	33	53.60	1.1
	1.0s		12.50nm			
	Z 18s		0.87um			5.5Msz
			LR	43	53.00	
	S.D. = 1.1		on	7	of 9	obs.

• JUN 05, 1985 15h 29m 11.32± 0.99s
37.920 S ± 9.5km 73.317 W ±11.4km
DEPTH = 33.0km (normal)
4.2mb (1 obs.) 4.0Msz (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (IV) in the
Chillon-Voldivio area and (III)
in the Parral-Talca area.

LNV	4.25	22	eP	30	15.00	-0.3
CHCH	4.53	29	iP	30	19.90	0.5
TACH	4.68	25	eP	30	21.60	0.2
PCH	4.86	29	iP	30	24.50	0.4
SAN	4.95	27	eP	30	25.50	0.1
RFA	5.02	53	ePd	30	30.30	3.9X
			(S)	32	01.00	
BACH	5.10	28	iPd	30	27.30	-0.3
FCH	5.20	29	eP	30	29.50	0.3
PEL	5.23	25	iPc	30	28.50	-0.8
			iS	31	44.00	
ROCH	5.28	22	iPd	30	29.10	-1.1
JACH	5.68	24	iPc	30	34.50	-1.2
CFA	7.56	35	ePd	31	01.00	-1.0
VBA	8.96	94	ePd	31	20.60	-0.8
TCA	9.73	50	ePd	31	32.00	-0.2
TPZ	16.87	15	Pd	33	20.40	13.4X
ARE	21.44	5	eP	34	00.00	0.9
CNCB	21.55	14	P	34	02.40	1.9
LPB	21.80	14	ePc	34	04.00	1.2
	Z 19s		0.52um			4.0Msz
			LR	43	43.00	
VAO	27.03	64	eP	34	56.40	3.9X
			e	35	03.80	
SOB1	40.85	54	eP	36	53.40	1.6
ITR	42.79	56	eP	37	09.00	1.3
	1.0s		4.80nm			4.2mb
			e	37	14.80	
SPA	52.27	180	e(P)	38	30.40	8.9X
BHO	74.67	342	e(P)	40	48.00	-1.1
ALQ	78.75	333	e(P)	41	11.00	-1.2
GBA	144.49	125	PKPc	48	45.80	-0.5
	S.D. = 1.0		on	21	of 25	obs.

• JUN 05, 1985 17h 09m 57.84± 0.88s
7.302 S ±16.6km 104.823 E ±19.0km
DEPTH = 33.0km (normal)
5.2mb (4 obs.) 4.3Msz (1 obs.)
SOUTHWEST OF SUMATERA (273)

TRT	7.76	93	ePc	11	52.00	0.7
PPI	8.11	327	eP	11	28.50	-27.7X
KGM	9.38	351	eP	12	15.00	1.2
NAU	18.31	147	eP	14	12.00	0.9
			eS	17	21.00	
MBL	20.01	135	eP	14	35.00	4.2X
			eS	18	00.00	
CHG	26.59	347	eP	15	33.00	-2.1
WB2	31.26	117	eP	16	15.20	-1.9
GBA	34.22	307	Pd	16	46.30	3.5X
	0.3s		3.60nm			4.8mb
NDI	44.59	325	iPc	18	08.50	-0.4
	0.6s		43.33nm			5.5mb
KJF	90.96	335	iP	23	01.20	1.8
	0.7s		16.00nm			5.5mb
SUF	91.28	333	eP	23	01.00	0.1
	0.5s		2.80nm			4.9mb
NUR	91.49	331	iP	23	04.60	2.7X
	Z 20s		0.10um			4.3Msz
TUL	145.84	31	ePKP	29	34.50	-0.8
	0.8s		15.80nm			
RLO	146.02	29	ePKP	29	34.90	-0.7
BHO	147.51	31	e(PKP)	29	39.20	1.2
	S.D. = 1.4		on	11	of 15	obs.

? JUN 05, 1985 17h 51m 09.38± 1.06s
3.200 S ±20.5km 102.395 W ±25.7km
DEPTH = 10.0km (geophysicist)
4.3mb (2 obs.)
NORTHERN EASTER I. CORDILLERA (694)

ZOBO	36.11	113	e(P)	58	15.00	0.6
	1.3s		3.94nm			4.1mb
			LR	08	32.00	
LPB	36.21	114	eP	58	14.00	-1.1
			LR	09	10.00	
CNCB	36.40	114	eP	58	15.00	-1.9
TPZ	37.43	122	eP	58	51.00	25.8X
BHO	38.05	10	e(P)	58	33.50	3.8X
RLO	39.76	9	e(P)	58	49.40	5.3X
EUR	44.27	345	iP	59	21.00	-0.3
	1.0s		6.73nm			4.5mb
LHC	52.67	11	eP	00	30.50	4.5X
SES	53.90	353	eP	00	35.00	-0.1
BAO	54.91	107	e(P)	00	45.60	2.4
EDM	56.97	352	eP	00	56.50	-0.8
FFC	57.72	0	eP	01	03.00	0.5
SOB1	61.37	99	eP	01	31.30	2.9X
			e	01	36.90	
ITR	63.80	98	eP	01	47.30	2.7X
			e	01	52.90	
YKC	66.14	354	eP	02	03.00	4.2X
YKA	66.17	354	eP	02	01.30	2.3X
INK	74.54	348	eP	02	54.00	4.3X
MBC	79.94	356	eP	03	20.00	0.4
SBA	87.07	192	eP	03	56.20	0.1
	S.D. = 1.3		on	10	of 19	obs.

& JUN 05, 1985 18h 10m 05.50s
33.340 N 116.330 W
DEPTH = 12.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.7 (PAS). Felt (IV)
at Borrego Springs.

HAY	0.68	57	iPc	10	18.20	-0.7
IKP	0.71	165	iPc	10	19.10	-0.3
BAR	0.72	204	iPd	10	18.80	-0.7
CPE	0.79	235	eP	10	19.70	-1.0
TPC	0.80	17	iPc	10	20.20	-0.7
SLBC	0.86	247	iP	10	21.00	-0.8
			eS	10	32.20	
CBX	1.06	195	iPc	10	24.90	-0.4
			S	10	38.20	
GLA	1.29	102	eP	10	26.80	-2.5
SDW	1.41	334	eP	10	30.00	-1.0
ENX	1.48	191	iPd	10	31.50	-0.4
			S	10	51.50	
EMX	1.63	145	iPc	10	35.66	1.6
			S	10	57.46	
PBX	1.63	192	iPd	10	34.99	0.9
			S	10	55.99	

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OSM      2.66 351 P      10 47.00   -1.9
GWV      2.85 354 P      10 50.00   -1.8
WKTM     3.01 325 P      10 54.00    0.2
APKW     3.03  11 P      10 52.50   -2.0
MCY      3.33   5 P      10 56.00   -2.5
EUR      6.14   3 iP     11 38.20   -0.2
       0.2s      5.58nm          5.0mb X
MSU      6.16  32 P      11 50.00   11.3
LTX     11 54 107 P      13 00.00    6.9
       20 obs. associated

   JUN  05, 1985  18h 14m 23.67± 0.53s
   41.288 N ± 4.8km   22.605 E ± 4.7km
   DEPTH =   5.0km  (geophysicist)
 YUGOSLAVIA                        (383)
      Felt (V) in the Valandavo-Pirava
      area.

VAY      0.04 322 iPg     14 24.50   -0.6
                  iSg     14 25.30
KNT      0.25 120 ePgc    14 29.40    0.6
                  eSg     14 33.40
GRG      0.36 205 ePg     14 31.40    0.4
                  eSg     14 37.60
THE      0.71 157 ePg     14 37.70   -0.1
                  eSg     14 48.30
SOH      0.73 129 ePg     14 38.00   -0.3
                  eSg     14 48.50
SRS      0.76 103 ePg     14 36.90   -2.1
                  eSg     14 49.50
MMB      0.90  70 iPgc    14 40.00   -1.3
SKO      1.11 308 iPg     14 45.00    0.0
                  eSg     14 59.50
LIT      1.19 184 ePbc    14 46.60    0.3
OHR      1.37 263 ePg     14 48.80   -0.7
                  eSg     15 08.60
VTS      1.38  18 ePg     14 50.00    0.4
OUR      1.41 132 ePb     14 50.60    0.6
                  eSg     15 12.30
PLD      1.77  62 eP      14 57.00    1.9
KDZ      2.09  79 iP      15 01.00    1.2
     S.D. = 1.1   on  14 of  14 obs.

   JUN  05, 1985  18h 38m 46.37± 0.64s
   23.490 N ± 5.4km   120.981 E ± 6.5km
   DEPTH =  10.0km  (geophysicist)
 TAIWAN                            (244)

TWF1     0.32 115 iPd     38 53.00    0.0
                  eS      38 57.50
TWK      0.50 244 iPd     38 56.50   -0.1
                  eS      39 04.00
TWG      0.67 173 iPc     38 59.80    0.1
TWQ      0.79 350 iPd     39 01.40   -0.4
                  eS      39 12.40
TWD      0.81  44 iPd     39 01.50   -0.6
                  eS      39 14.00
TWC      1.37  35 eP      39 11.50    0.1
TATO     1.55  17 e(P)    39 15.00    1.0
     S.D. = 0.6   on   7 of   7 obs.

*  JUN  05, 1985  20h 49m 32.29± 1.38s
   35.958 S ±11.3km   71.396 W ±13.4km
   DEPTH =  66.8 ± 16.5 km
   3.9mb (  1 obs.)
 CENTRAL CHILE                     (136)

LNV      2.00 360 iPc     50 04.10   -0.3
                  iS      50 22.90
CHCH     2.11  17 iPd     50 06.60    0.6
TACH     2.33   9 iPc     50 09.00   -0.1
                  iS      50 29.90
PCH      2.44  18 iPc     50 11.20    0.5
SAN      2.57  14 iPd     50 12.70    0.2
RFA      2.67  65 ePd     50 18.20    4.3X
BACH     2.70  16 iPd     50 14.80    0.4
FCH      2.78  19 iPd     50 16.50    0.9
PEL      2.87  12 iPd     50 16.50   -0.2
ROCH     3.00   6 iPd     50 17.90   -0.7
JACH     3.33  12 iPc     50 22.60   -0.6
RTCV     4.73  31 iPd     50 42.70   -0.1
                  S       51 39.00
RTCB     4.96  27 iPc     50 46.00    0.0
RTLL     5.22  29 iPd     50 49.00   -0.7
TCA      7.31  53 iPd     51 18.50   -0.2
TPZ     14.63  10 eP      53 06.00    8.6X
ZOBO    19.82   9 eP      54 01.20    0.3

       0.7s      4.44nm          3.9mb
AIA     29.64 174 eP     55 33.10    0.0
     S.D. = 0.5   on  16 of  18 obs.

*  JUN  05, 1985  21h 07m 05.71± 1.43s
   28.540 S ± 9.3km   148.486 E ±19.3km
   DEPTH =  33.0km  (normal)
 QUEENSLAND, AUSTRALIA             (594)

RMO      2.06   7 iPc     07 38.80    0.1
CMS      3.73 217 eP      08 16.00   13.6X
                  eS      08 50.00
RIV      5.75 157 eP      08 49.00   18.1X
                  e(S)    09 57.00
STK      6.83 239 eP      08 49.00    2.8X
                  eS      10 10.00
CTA      8.66 346 eP      09 20.00    8.3X
TOO      9.35 195 eP      09 20.00   -1.3
                  e(S)    11 04.00
BFD      9.95 209 eP      09 31.00    1.5
                  e(S)    11 33.00
ASPA    13.97 287 eP      10 23.00   -0.6
                  eS      12 56.00
WB2     15.46 300 eP      10 43.20    0.2
                  i       10 50.20
                  eS      13 31.10
     S.D. = 1.4   on   5 of   9 obs.

&  JUN  05, 1985  21h 46m 21.09s
   61.291 N          146.746 W
   DEPTH =  30.0km
 SOUTHERN ALASKA                   (  2)
      <AGS-P>.

VZW      0.25 158 iP      46 27.85   -0.2
                  eS      46 33.00
VLZ      0.26 128 iP      46 27.99    0.0
                  eS      46 33.23
TTV      0.30 218 iP      46 28.59    0.0
                  eS      46 34.41
GLI      0.45 202 iP      46 30.16   -0.5
KLU      0.45  63 iP      46 30.70   -0.4
                  eS      46 37.68
CFI      0.51 258 iP      46 31.08   -0.5
                  eS      46 39.22
FID      0.56 166 iP      46 31.80   -0.7
                  eS      46 40.81
SCM      0.61 333 iP      46 32.92   -0.5
                  eS      46 41.97
TSIM     0.68  95 iP      46 33.75   -0.8
KNK      0.83 279 iP      46 36.16   -0.5
                  eS      46 47.56
KMP      0.86  74 iP      46 36.53   -0.5
                  eS      46 48.80
CVA      0.89 146 iP      46 37.42    0.0
HIN      0.91 172 iP      46 37.40   -0.3
                  eS      46 49.77
SML      0.92 305 iP      46 37.24   -0.7
SGAM     1.09 136 iP      46 40.27   -0.1
                  eS      46 56.28
BMRM     1.10 107 iP      46 39.77   -0.9
                  eS      46 54.65
CSG      1.12 124 eP      46 41.31    0.5
                  eS      46 58.94
GHO      1.15 296 iP      46 40.88   -0.4
MSE      1.20 298 iP      46 41.33   -0.6
RAGM     1.36 131 eP      46 45.74    1.5
GLB      1.42  83 eP      46 45.25    0.1
                  eS      47 03.78
MPA      1.51 239 eP      46 46.14   -0.2
SEW      1.79 229 eP      46 50.13   -0.2
KAIM     1.79 139 eP      46 51.99    1.6
SUA      1.93 277 eP      46 52.47   -0.1
                  eS      47 17.08
BALM     2.15  95 eP      46 55.40   -0.3
SKT      2.39 289 eP      46 58.60   -0.4
SPU      2.57 270 eP      47 00.79   -0.8
CRP      2.61 272 eP      47 02.46    0.2
RDT      2.86 258 eP      47 04.42   -1.2
ILM      3.18 252 eP      47 08.85   -1.4
                  eS      47 45.49
       31 obs. associated

   JUN  05, 1985  23h 04m 55.51± 0.52s
    4.646 S ± 3.1km   153.173 E ± 3.2km
   DEPTH =  68.0 ±  4.5 km
   5.6mb ( 30 obs )

 NEW IRELAND REGION                (190)
      Ms 6.3 (BRK). Felt (VI) at
      Rabaul, New Britain and (III) at
      Panguna, Baugainville.
      CENTROID, MOMENT TENSOR    (HRV)
      Data Used: GDSN
      L.P.B.: 19S, 39C  M.W.:  9S, 20C
      Centraid Location:
      Origin Time        23:05: 0.2 0.2
      Lat  4.94S 0.01 Lan 153.03E 0.02
      Dep  62.1 1.1 Half-duration  5.0
      Moment Tensor; Scale 10**25 D-CM
        Mrr= 3.18 0.05  Mtt=-3.06 0.05
        Mff=-0.13 0.05  Mrt= 1.74 0.07
        Mrf= 0.85 0.09  Mtf= 0.69 0.04
       Principal Axes:
        T  Val=  3.88  Plg=69  Azm=317
        N       -0.31      16       94
        P       -3.57      13      188
      Best Double Couple:Mo=3.7*10**25
       NP1:Strike=298 Dip=34 Slip= 118
       NP2:          85     60       72

PAA      2.83 126 iPc     05 40.00    0.6
                  eS      06 12.00
ALOA     6.26 206 eP      06 24.00   -3.4X
MOM      6.32 294 iPc     06 30.00    1.9
LAT      6.46 252 eP      06 32.00    1.9
LMG      6.54 229 iPd     06 29.00   -2.4
MDG      7.39 265 eP      06 50.00    7.0X
PMG      7.62 231 ePd-    06 45.00   -1.2
VSG      7.94 126 eP      06 52.00    1.3
HNR      8.23 126 eP      06 54.00   -0.7
                  eS      08 16.00
WEW      9.58 276 eP      07 18.00    4.8X
JAY     12.62 279 ePd     07 55.00    0.9
       1.0s     55.40nm          5.4mb
CTA     16.76 203 iPd-    08 47.80    0.4
       0.9s     90.76nm          5.0mb
                  iS      11 47.00
                  iScP    17 07.00
                  iScS    20 49.00
PVC     19.72 132 iPc     09 24.00    1.6
GUA     19.84 336 eP+     09 24.80    1.1
       0.8s   3295.52nm          6.7mb X
GUMO    19.90 336 ePc     69 25.50    1.2
       1.2s   6600.00nm          6.8mb X
PJG     19.90 336 eP      09 25.50    1.2
ISO     20.75 218 eP      09 33.00    0.0
NOU     21.76 145 iPc     09 42.00   -1.2
RMO     22.13 191 eP      09 47.00    0.2
                  e       10 02.00
BRS     22.62 181 P       09 52.00    0.3
                  e       12 24.00
                  iS      13 26.00
MTN     23.24 248 eP      09 58.00    0.3
WB2     23.81 229 iPc     10 03.80    0.5
                  iS      14 23.20
AAI     24.93 271 ePd     10 16.90    2.9X
       0.5s     20.00nm          4.8mb
ASPA    26.51 223 eP      10 29.00    0.3
       0.3s    239.00nm          6.2mb
                  eS      14 40.00
                  eScS    21 22.00
CMS     27.58 194 eP      10 37.00   -1.2
                  e       11 02.00
STK     29.19 200 eP      10 51.00   -1.8
KUPT    29.81 258 eP      11 02.00    3.5X
CAN     30.77 187 eP      11 08.00    1.3
                  ipP     11 27.00   82kmX
WAM     31.64 187 iPc     11 18.50    4.2X
ADE     33.01 202 iPc     11 24.00   -2.3
WBN     33.23 227 eP      11 28.00   -0.4
TOO     33.51 191 eP      11 30.00   -0.7
BFD     33.81 195 eP      11 32.00   -1.2
CRZ     34.73 151 P       11 58.00   16.9X
QCP     37.14 302 iP      12 08.00    6.3X
MAN     37.15 302 eP      12 04.00    2.2
KKM     38.40 286 ePd     12 12.00   -0.4
BAG     38.43 304 ePc+    12 12.00   -0.7
       1.3s   1038.46nm          6.6mb
TAU     38.46 187 iPd     12 13.20    0.8
                  eS      18 08.00
KRP     38.90 151 eP      12 16.00   -0.2
                  (pP)    12 37.10   89kmX
                  PcP     14 57.00
                  ScP     18 12.00
```

05d 23h

KLG	39.58	225	eP	12	22.00	0.0				ScS	23	57.00		KSH	83.10	310	iPc	17	18.00	2.5
MEK	39 63	233	iPd	12	22.10	-0.4	HON	54.35	60	P	14	24.00	6.2X				sP	17	47.00	
TRT	40.41	264	iPd	12	27.50	-1.4	LOE	55.30	295	eP	14	23.00	-1.8				S	27	30.00	
NAU	40.53	240	eP	12	29.00	-0.8	BJI	55.97	326	eP	14	28.50	-0.7	SPA	85.38	180	iPc	17	27.10	0.6
	0.5s	72.00nm			5.8mb					ePP	16	29.00			0.7s	19.92nm			5.3mb	
MNG	41.05	154	P	12	32.00	-1.9				ScP	19	23.00		Z	18s	2.78um			5.7Msz	
			S	18	18.00					eS	22	04.00					e	17	30.20	
WEL	41.29	155	P	12	46.00	10.2X				ScS	24	13.00					e	27	53.80	
			PP	14	20.00					SS	25	44.00		MAW	85.85	203	eP	17	29.00	0.4
			ScP	18	20.00		NST	56.24	292	eP	14	31.50	0.0	INK	88.18	21	eP	17	39.50	-0.3
			S	18	40.00		TIY	56.64	322	iPc	14	34.00	-0.1		0.6s	30.00nm			5.6mb	
			SS	22	12.00					sP	15	03.00		BKS	88.56	52	e(P)	17	48.00	5.7X
KYS	41.48	344	eP	12	37.50	0.1				PcP	15	32.00		Z	20s	15.00um			6.4Msz	
OYM	41.95	343	eP	12	39.80	-1.5				ScP	19	27.00		N	20s	4.10um				
SRY	42.11	343	eP	12	41.80	-0.8				S	22	21.50		E	20s	11.00um				
TSK	42.44	344	eP	12	44.60	-0.7				sS	22	51.00					eS	28	08.00	
DDR	42.50	343	eP	12	44.70	-1.2	KMI	57.21	304	Pc	14	39.00	0.4				eSS	34	30.00	
KLB	42.68	227	eP	12	46.00	-1.4				sP	15	05.00					eLQ	41	30.00	
ANP	42.72	315	iP+	12	50.00	2.2				S	22	35.00					eLR	45	16.00	
			iS	19	40.00		PPT	57.42	108	eP	14	42.00	2.1	ISA	91.34	55	eP	17	57.00	1.6
MRWA	42.83	231	eP	12	48.00	-0.7		0.8s	65.00nm			5.8mb		PAS	91.46	56	eP	18	06.00	10.1X
BAL	42.95	229	eP	12	49.00	-0.6	KHT	57.43	291	eP	14	40.30	0.4	MWC	91.56	56	eP	17	58.00	1.4
MAT	43.30	342	eP	12	50.00	-2.3	PPN	57.55	108	eP	14	43.00	2.2				e	18	30.00	
Z	20s	8.16um			5.6Msz			0.8s	65.00nm			5.8mb		PNT	91.67	41	eP	17	57.00	0.5
			eS	19	16.00		TVO	57.75	108	eP	14	44.00	1.8		0.7s	9.00nm			5.3mb	
NWAO	43.76	226	eP	12	58.00	1.9		0.8s	95.00nm			6.0mb		SBB	91.79	56	eP	17	58.00	0.5
MUN	44.01	227	eP	12	57.00	-1.1	CHG	58.26	295	eP	14	46.20	0.5	MNA	91.81	52	P	17	57.00	-0.6
			e	13	05.00			1.0s	39.00nm			5.5mb		CLC	92.06	54	eP	18	00.00	1.3
RKG	44.53	224	iPc	13	04.90	2.6				eS	22	50.00					e	18	33.00	
OZH	44.66	313	eP	13	02.00	-1.5	CHTO	58.26	295	iPc	14	46.20	0.5	BAR	92.61	58	eP	17	58.00	-3.2X
			PP	14	52.00			1.2s	39.24nm			5.4mb					e	18	24.00	
			S	19	32.00		PMO	58.82	105	eP	14	49.00	-0.6	BMN	92.68	50	P	18	01.30	-0.3
HKC	46.61	307	iP	13	21.50	2.6		0.8s	75.00nm			5.9mb		TPC	93.22	56	eP	18	03.00	-1.1
			eS	20	07.00		CD2	58.92	310	iPc	14	50.80	0.6	NEW	93.24	42	eP	18	04.00	0.2
SSE	46.85	321	Pc	13	20.00	-0.7				pP	15	10.00	75kmX	EUR	93.58	51	iP	18	05.50	-0.4
			sP	13	50.00		TPT	59.08	105	eP	14	51.00	-0.5		0.8s	4.57nm			5.0mb	
			PP	15	06.00			0.8s	30.00nm			5.5mb		MBC	93.88	14	eP	18	06.00	-0.2
			S	19	57.00		VAH	59.09	105	eP	14	51.00	-0.5	SYO	93.97	199	eP	18	06.70	0.0
			sS	20	26.00			0.8s	25.00nm			5.4mb		GLA	94.18	57	eP	18	10.00	1.5
GZH	47.66	307	Pc	13	28.50	1.3	HHC	59.14	324	iPc	14	51.00	-0.7				e	18	25.00	
			ScP	18	46.00					S	22	55.00		YKA	95.12	28	eP	18	12.20	0.1
SAP	48.68	348	eP	13	35.00	0.3	RUV	59.32	105	eP	14	52.00	-1.1	RSNT	95.12	28	P	18	11.50	-0.6
			eS	20	33.00			0.8s	35.00nm			5.5mb		YKC	95.18	28	eP	18	12.00	-0.4
OIZ	48.71	300	iPc	13	36.50	1.1	SMY	59.85	15	P	14	55.00	-1.1		0.8s	18.00nm			5.6mb	
			PP	15	30.50			0.9s	133.33nm			6.1mb		MHI	95.69	306	iPc+	18	15.90	0.5
			ScP	18	52.00		BTO	59.90	323	iPc	14	57.00	0.1				e	21	38.00	
NJ2	48.96	321	iPc	13	38.00	0.9				pP	15	15.00	69kmX				eS	28	28.00	
			sP	14	04.00					S	23	05.00		EDM	95.78	37	eP	18	14.50	-0.9
			PcP	15	03.30					sS	23	25.00		KHI	96.33	304	eP	18	18.00	-0.5
			PP	15	30.00		LZH	61.38	316	iPc	15	08.00	0.9	BDW	98.46	48	P	18	26.50	-1.5
			ScP	18	52.00					S	23	25.00			1.0s	4.50nm			5.0mb	
			S	20	27.00		ADK	61.89	21	P	15	08.50	-1.5	ALE	100.75	4	ePdiff	18	36.00	-1.2
			sS	21	00.00			0.8s	55.17nm			5.7mb			0.8s	8.00nm			5.4mb	
KGM	50.25	276	ePd	13	47.00	-0.3	DRV	62.58	186	eP	15	17.30	2.9X	ALQ	101.14	55	e(Pdif	18	40.00	-0.3
WHN	51.00	316	Pc	13	53.00	0.3	GTA	65.80	317	iPd	15	37.00	1.1	Z	22s	2.96um			5.8Msz	
			pP	14	16.00	95kmX				PP	18	00.00		KEV	106.27	343	iPdiff	19	01.20	-0.8
			PcS	19	02.50					S	24	17.00			0.7s	17.40nm			6.2mb	
DL2	52.23	329	iPc	14	01.00	-0.8	SHL	66.55	300	iP	15	40.60	-0.5	SOD	107.69	341	iPdiff	19	07.30	-1.0
			ePcS	19	06.00					iS	24	26.00		SOD	107.69	341	iPKP	23	35.20	19.2X
TIA	52.81	323	Pc	14	05.70	-0.5	LSA	68.46	304	Pc	15	53.00	-0.4	DAG	107.80	358	iPdiff	19	07.00	-1.6
			PcP	15	16.70					PP	18	27.50			0.9s	11.76nm			6.0mb	
			ScP	19	09.80		SBA	73.51	177	eP	16	23.70	1.5	KJF	108.99	338	iPdiff	19	13.00	-1.2
			S	21	19.30			0.8s	7.46nm			4.7mb			0.8s	52.80nm			6.8mb	X
PPI	52.87	273	eP	14	05.20	-1.9	Z	19s	3.33um			5.6Msz		TUL	109.72	54	Pdiff+	19	26.00	7.9X
	1.0s	186.00nm			6.1mb					i	16	27.10		Z	19s	6.69um			6.2Msz	
IPM	52.89	279	ePd	14	06.60	-0.6	WMO	75.88	317	Pc	16	37.50	0.9	N	23s	2.20um				
			e	15	11.20					pP	16	56.50	70kmX	E	21s	1.03um				
			e	19	13.00					PP	19	30.00		SUF	110.36	337	iPdiff	19	19.20	-1.1
MDJ	53.41	339	Pc	14	10.00	-0.5				S	26	12.50			0.5s	13.00nm				
			PcP	15	18.00					ScS	26	42.00		SUF	110.36	337	iPKP	23	20.40	-0.7
			ScP	19	11.00		KDC	75.89	27	P	16	32.00	-4.2X		0.6s	15.20nm				
			S	21	36.00		HYB	76.79	289	iPc	16	41.50	-0.6	RTB	111.65	304	ePKPd	23	26.00	1.5
			ScS	23	55.00		KOD	76.82	282	iP	16	43.00	0.4				i	24	09.00	
SNY	53.54	333	iPc	14	10.80	-0.6				eS	26	24.00		NUR	112.15	335	iPKP	23	24.60	0.0
			pP	14	28.00	67kmX	GBA	77.29	285	Pc	16	45.20	0.4		0.7s	21.30nm				
			sP	14	38.00			0.9s	123.20nm			5.9mb		Z	24s	7.10um			6.2MszX	
			PP	16	08.00		TTA	77.49	21	P	16	45.00	-0.2			LR		10	00.00	
			S	21	38.00		PMR	79.39	24	P	16	54.20	-1.2	NUR	112.15	335	iPdiff	19	28.00	-0.3
			sS	22	07.00		NDI	79.97	300	iPc	16	58.80	-0.5		0.5s	11.20nm				
			SS	25	17.00			1.0s	65.00nm			5.5mb		FRB	113.76	19	ePKP	23	27.00	-0.6
SNG	53.75	282	eP	14	13.00	-0.4				eS	26	54.00		UPP	115.38	337	iPKP	23	29.80	-1.0
CN2	54.31	335	Pc	14	16.00	-1.1	IMA	80.19	19	P	16	59.30	-0.5				e	24	30.00	
			sP	14	42.00		POO	81.39	289	iPd	17	09.00	2.1	HFS	116.67	339	ePdiff	19	47.00	-1.5
			PcP	15	20.50					iS	17	18.00			0.4s	2.40nm				
			PP	16	16.50		FBA	81.61	22	P	17	04.60	-2.5	HFS	116.67	339	ePKP	23	32.50	-0.8
			ScP	19	14.00		BOM	82.40	290	iPc	17	13.10	1.0		0.5s	13.10nm				
			eS	21	39.00					iS	27	23.10		Z	20s	6.64um			6.3Msz	

		LR	02	52.00			
TET	116.80	249	iPKPc	23	39.00	4.2X	
NB2	116.90	340	Pdiff	19	49.10	-0.4	
	0.7s	2.80nm					
NB2	116.90	340	PKP	23	34.00	0.2	
	0.6s	9.90nm					
KONO	118.46	340	ePdiff	20	16.00	19.6X	
MTD	118.50	248	iPKPc	23	38.00	-0.2	
			iSKP	27	12.00		
SLR	118.65	237	iPKPc	23	30.00	-8.3X	
	Z 20s	8.87um			6.4Msz		
			i	23	53.00		
AKU	118.76	356	ePKP	23	38.40	1.3	
	0.9s	33.61nm					
MLR	118.78	320	iPKP	23	40.00	2.0X	
DST	119.19	313	ePKP	23	38.50	-0.3	
BER	119.27	342	ePdiff	20	08.00	8.0X	
	Z 28s	5232.00um			9.0MszX		
CMP	119.45	320	ePKPd	23	35.00	-4.1X	
JMB	119.59	317	ePKP	23	40.00	0.6	
BUL	120.25	244	iPKPc	23	40.80	-0.7	
			iSKP	27	15.30		
PVL	120.26	318	iPKPd	23	41.00	0.4	
YER	120.27	311	ePKP	23	42.40	1.5	
KRI	120.30	248	iPKPc	23	41.00	-0.7	
			iSKP	27	15.00		
SPC	120.41	326	iPKP	23	43.80	2.8X	
REY	120.52	357	ePKP	23	41.80	1.4	
IZM	120.61	312	iPKP	23	36.10	-5.4X	
JOS	120.61	325	ePdiff	20	08.60	2.3X	
KDZ	120.76	316	iPKP	23	41.00	-0.7	
EZN	120.77	314	iPKP	23	40.50	-1.2	
CLO	120.95	321	ePKP	23	41.00	-0.9	
MUD	120.97	338	iPKPc	23	43.70	2.2X	
	0.5s	9.40nm					
PLD	121.01	317	ePKP	23	43.00	0.9	
OTT	121.26	38	ePKP	23	36.00	-6.4X	
	0.6s	17.00nm					
KSP	121.57	329	ePKPc	23	43.00	0.1	
	0.9s	48.00nm					
			id	23	43.70		
VTS	121.81	318	iPKPd	23	44.00	0.4	
MMB	121.89	317	iPKPc	23	43.00	-0.9	
SRO	122.23	326	iPKP	23	44.50	0.3	
			e	25	24.00		
MNT	122.49	37	ePKP	23	45.50	0.7	
ZST	122.69	327	iPKP	23	41.00	-4.1X	
	1.0s	2.00nm					
			i	23	47.00		
VAY	122.79	317	iPKP	23	44.30	-1.2	
CLL	122.89	331	ePdiff	20	17.00	0.6	
	1.3s	13.00nm					
CLL	122.89	331	iPKP	23	45.40	0.0	
	Z 19s	4.00um			6.1Msz		
		PKKP		33	54.00		
NPS	122.92	309	ePKP	23	46.50	0.5	
PRU	122.98	329	PKPd	23	46.20	0.6	
	1.5s	50.00nm					
	Z 23s	6.50um			6.2MszX		
	N 20s	1.60um					
	E 20s	4.20um					
		i	23	47.50			
		i	25	27.00			
VKA	123.08	327	ePKP	23	46.00	0.1	
	1.4s	136.00nm					
	Z 22s	2.80um			5.9Msz		
		e(PP)	25	28.50			
SKO	123.26	318	iPKP	23	46.00	-0.4	
	1.3s	140.00nm					
		i	23	48.20			
		iPP	25	27.00			
		iPKS	27	19.50			
		iPPP	28	06.00			
		iSKS	32	34.20			
		iPS	35	18.00			
SOP	123.28	326	ePKP	23	46.50	0.2	
KZN	123.78	316	ePKP	23	46.80	-0.8	
MOX	123.99	331	ePKP	23	48.50	0.9	
	1.3s	73.00nm					
	Z 19s	4.20um			6.1Msz		
	N 20s	2.90um					
	E 20s	2.10um					
		ePP	25	28.00			
		ePS	35	30.00			
		ePPS	36	55.00			
		eSS	42	25.00			
OHR	124.08	318	iPKP	23	47.60	-0.6	
			e	23	56.20		
			eSKS	30	45.80		
HOF	124.09	331	ePKP	23	48.20	0.4	
WET	124.35	329	ePKP	23	48.50	0.1	
	Z 20s	3.60um			6.0Msz		
KMR	124.38	328	iPKP+	23	48.40	0.0	
			i	25	38.00		
PAL	124.49	42	PKP	23	46.10	-2.7X	
WIT	124.65	336	iPKPc	23	50.70	2.0	
GRF	124.82	331	ePdiff	20	27.20	2.2X	
GRF	124.82	331	iPKPc	23	49.60	0.4	
			id	23	51.30		
			e(PP)	25	37.50		
EDU	124.89	344	ePKPd	23	49.00	-0.1	
ELO	125.15	345	ePKP	23	49.70	0.1	
WTS	125.19	335	ePKPc	23	50.00	0.2	
	1.0s	118.00nm					
			i	24	04.50		
BHG	125.25	328	ePKP	23	41.70	-8.4X	
	1.3s	175.00nm					
ESY	125.33	344	ePKP	23	50.00	0.0	
LJU	125.37	326	ePKPc	23	50.10	-0.3	
			ePP	25	42.70		
			e	27	22.50		
KBA	125.40	327	iPKPc	23	49.50	-1.2	
	1.3s	175.00nm					
			i	24	15.00		
			i	24	51.90		
VLS	125.53	315	ePKP	23	50.40	-0.6	
EAU	125.63	344	ePKPd	23	51.00	0.4	
VOY	125.73	326	ePKP	23	50.70	-0.6	
			ePP	25	44.30		
DBN	125.78	336	ePKP	23	50.00	-1.0	
	Z 22s	2.00um			5.7Msz		
			ePP	25	44.00		
			iSKS	30	55.00		
			eSKKS	32	32.00		
			iPS	35	42.00		
			eSS	43	34.00		
BNS	125.79	334	ePKP	23	51.90	0.8	
	1.3s	120.00nm					
FUR	125.79	329	ePKP	23	51.00	-0.2	
EKA	125.99	344	PKPc	23	52.10	0.8	
	0.8s	25.70nm					
TRI	126.00	326	e(PKP)	23	51.40	-0.2	
			e(PP)	25	46.00		
			e(PS)	35	42.00		
			e(PSP)	37	22.00		
			e	38	34.00		
			e(SS)	43	45.00		
			e	44	08.00		
			e(SSS)	48	50.00		
ESK	126.02	344	ePKP	23	49.00	-2.4X	
STB	126.21	334	ePKP	23	52.10	0.2	
STU	126.42	331	ePKPc	23	52.30	-0.1	
	1.0s	160.00nm					
ENN	126.48	335	iPKPd	23	53.10	0.7	
	1.0s	131.00nm					
MEM	126.56	335	PKP	23	52.20	-0.3	
BUH	126.95	332	ePKP	23	53.20	-0.3	
GWF	127.02	332	ePKP	23	53.50	-0.1	
UCC	127.11	336	PKPc	23	54.20	0.6	
			SKP	27	06.00		
			PS	36	17.00		
WLF	127.19	334	PKPc	23	52.50	-1.3	
OSS	127.34	329	ePKP	23	54.40	0.0	
SAX	127.38	330	ePKP	23	54.80	0.2	
SLE	127.45	331	ePKP	23	54.40	0.0	
UPA	127.52	82	e(PKP)	23	55.00	-0.5	
	0.8s	17.91nm					
	Z 21s	2.76um			5.9Msz		
DOU	127.54	335	PKP	23	54.80	0.3	
	Z 22s	4.60um			6.1Msz		
			PP	25	59.00		
			PKS	27	17.00		
			PS	36	15.00		
NNA	127.60	109	ePKP	23	58.00	2.3X	
ZUL	127.70	330	ePKP	23	55.70	0.8	
LLS	127.81	329	ePKP	23	55.50	0.1	
VDL	127.82	329	ePKP	23	56.00	0.6	
FIR	128.59	325	ePKP	23	57.00	0.4	
DLE	128.73	345	ePKP	23	57.40	0.8	
	1.1s	70.00nm					
DCN	128.87	345	ePKP	23	57.30	0.4	
	0.6s	40.00nm					
MMK	128.89	329	ePKP	23	58.10	0.6	
DIX	129.15	330	ePKP	23	59.20	1.2	
TCA	129.24	137	ePKPd	23	52.50	-5.9X	
EMS	129.40	330	ePKP	23	58.70	0.3	
PSO	129.46	92	ePKP	24	06.00	6.3X	
TPZ	131.45	124	ePKP	24	02.00	-1.2	
CDR	131.66	328	ePKPc	24	02.50	0.0	
			e	24	23.60		
			i	25	53.50		
			ePP	27	24.70		
			e	27	53.60		
			i	28	00.30		
			e	28	32.30		
BOG	132.92	88	ePKP	24	04.00	-2.2X	
BMG	133.94	85	ePKP	24	10.00	2.2X	
CNCB	134.08	119	ePKP	24	02.00	-6.6X	
LPB	134.09	118	ePKP	24	02.00	-6.4X	
ZOBO	134.17	118	ePKPc	23	59.40	-9.4X	
	0.5s	22.08nm					
UAV	135.82	82	ePKP	24	14.00	2.5X	
SDV	136.32	82	ePKP	24	12.00	-0.4	
TOV	137.10	81	ePKP	24	15.50	1.7	
SJG	139.31	68	ePKP	24	17.00	-0.6	
	0.8s	18.66nm					
	Z 20s	2.84um			6.0Msz		
TAF	142.42	326	iPKP	24	20.00	-2.8X	
			i	28	00.00		
TRN	145.24	78	ePKP	24	25.10	-2.9X	
	0.8s	53.20nm					
VAO	146.20	145	ePKP	24	29.50	-0.1	
			e	24	33.80		
			e	24	38.50		
			e	24	42.80		
			e	24	49.80		
AVE	146.23	330	iPKP	24	31.00	1.8	
			i	24	47.00		
RDJ	148.28	150	iPKP+	24	36.80	4.0X	
BAO	150.93	134	PKPc	24	39.30	2.1X	
			i	24	47.40		
			e	24	50.60		
KIC	157.95	275	ePKP	24	49.10	2.5X	
SOB1	160.35	134	ePKP	24	50.70	1.5	
			e	24	52.40		
			e	24	56.30		
ITR	162.36	139	ePKP	24	52.50	1.3	
			e	24	53.80		
MBO	166.28	316	iPKPd	24	59.10	4.5X	
	S.D. = 1.0	on 223 of 271 obs.					

JUN 05, 1985 23h 54m 23.49± 0.50s
47.897 N ± 5.2km 16.347 E ± 4.2km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 3.9 (FUR), 3.6 (KBA). Felt (V) at Ebreichsdorf.

SOP	0.26	146	iPd	54	30.00	1.1	
VIE	0.35	2	iPg-	54	31.40	0.7	
			i	54	35.60		
			i	54	41.20		
VKA	0.37	357	iPgd	54	31.50	0.4	
			i(Sg)	54	36.50		
ZST	0.59	59	iPgc	54	34.80	-0.6	
			e	54	37.30		
SRO	1.33	93	iPn	54	47.90	-0.1	
			iPg	54	49.80		
			iSn	55	08.00		
			e	55	14.20		
			e	55	18.00		
KMR	1.50	277	iPg+	54	52.00	1.6	
			iSg	55	12.90		
KBA	2.19	249	iPnd	55	01.90	1.2	
			iPg	55	09.00		
			iSn	55	29.10		
			i	55	32.80		
			iSg	55	37.00		
KHC	2.22	305	iPn	55	01.90	1.0	
			Sg	55	29.10		
LJU	2.23	214	ePn	55	07.70	6.6X	
			eSn	55	36.70		
BHG	2.34	267	ePn	54	55.90	-6.8X	
PRU	2.41	331	iPnd	55	04.40	0.9	
			Pg	55	09.50		
			Sg	55	33.50		
			i	55	37.50		
VOY	2.51	223	ePn	55	06.00	0.9	
			eSn	55	34.60		
			iSg	55	42.00		
CEY	2.53	212	e(Pn)	55	10.80	5.5X	

05d 23h

		e(Sn)	55	36.00	
		iSg	55	47.10	
WET	2.62	300 ePn	55	09.40	2.8X
JOS	2.87	76 ePn	55	08.80	-1.3
SPC	2.89	62 e(Pn)	55	17.20	6.6X
KSP	2.95	359 ePn	55	10.50	-0.7
		iPg	55	16.50	
		iS	55	56.00	
FUR	3 41	276 ePn	55	27.20	9 4X
HOF	3 80	311 iPnc	55	24.40	1 0
GRF	3.83	300 ePn	55	24.80	1.0
		ePg	55	33.40	
		e(Sn)	56	20.30	
		eSg	56	26.30	
CLL	4.05	329 iPn	55	27.00	0.2
		iPg	55	44.90	
		eSn	56	13.00	
		iSg	56	29.80	
MOX	4.14	313 ePn	55	30.00	1.9
		ePg	55	43.00	
		e	56	20.00	
		iSg	56	33.00	
SAX	4.78	265 eP	55	37.80	0.2
STU	4.85	283 ePnd	55	37.30	-0.9
	0.4s	16.95nm			
		e(Sg)	57	02.50	
LLS	5.10	261 eP	55	41.80	-0.1
SLE	5.29	271 eP	55	43.30	-1.2
ZUL	5.39	269 eP	55	45.10	-0.8
BUH	5.48	281 ePn	55	45.80	-1.3
GWF	5.91	284 ePn	55	51.60	-1.5
MMK	6.03	255 eP	55	55.60	0.6
CDF	6.09	278 Pn	55	53.40	-2.4
		Pg	56	17.40	
		Sn	56	59.20	
		Sg	57	35.10	
DOU	8.04	290 Pn	56	21.40	-1.6
		PPP.	56	35.70	
		Sn	57	46.90	

S.D. = 1.2 on 26 of 32 obs.

JUN 06, 1985 00h 38m 19.24± 0.90s
4.654 S ±10.3km 153.088 E ± 7.0km
DEPTH = 76.2 ± 7.9 km
4.7mb (3 obs.)
NEW IRELAND REGION (190)
Felt at Rabaul, New Britain.

RAB	1.02	297 iPd	38	39.00	0.4
PAA	2.90	124 eP	39	03.00	-1.1
		eS	39	40.00	
ALOA	6.22	205 eP	39	54.00	3.6X
LMG	6.47	229 iPc	39	52.80	-1.3
PMG	7.55	231 eP	40	09.00	0.2
HNR	8.30	125 eP	40	21.00	1.9
		eS	41	52.00	
NOU	21.80	145 iPc	43	05.30	-1.3
MTN	23.16	248 eP	43	21.00	1.1
WB2	23.75	229 iPc	43	26.50	0.9
KNA	26.32	243 eP	43	50.00	0.2
MRWA	42.76	231 eP	46	10.00	-1.0
PKI	72.61	301 eP	49	41.00	-0.1
	0.6s	5.00nm		4 6mb	
KKN	72.77	301 eP	49	41.60	-0.3
	0.5s	10.00nm		5.0mb	
SPA	85.38	180 eP	50	50.40	1.1
	0.8s	6.67nm		4.7mb	
HFS	116.65	339 ePKP	56	54.70	-1.2
	0.3s	0.90nm			
BRG	122.68	330 iPKP	57	07.50	-0.2
	0.8s	10.00nm			
CLL	122.86	331 iPKPd	57	07.30	-0.7
	0.8s	12.00nm			
KHC	123.97	329 ePKP	57	10.50	0.1
MEM	126.53	334 PKP	57	15.80	0.6
VAO	146.25	145 e(PKP)	57	53.00	0.7
BAO	150.98	134 e(PKP)	58	03.30	3.4X

S.D. = 1.0 on 19 of 21 obs.

? JUN 06, 1985 01h 22m 39.21± 0.46s
15.487 S ±21.5km 173.096 W ±14.3km
DEPTH = 33.0km (normal)
5.2mb (5 obs.)
TONGA ISLANDS (173)

AFI	2.02	39 P	22	38.00	-33.7X
		S	23	03.00	
PVC	17.96	260 iPc	26	32.30	-15.8X
NOU	20.50	248 iPc	27	16.50	-0.7
TPT	24.58	92 eP	27	58.00	0.4
	1.2s	105.00nm		5.3mb	
RUV	24.79	93 eP	28	00.00	0.3
	1.2s	85.00nm		5.2mb	
WB2	50.10	257 eP	31	24.70	-8.8X
ASPA	50.37	252 eP	31	31.00	-4.5X
	1.0s	25.00nm		5.2mb	
SBA	63.19	185 e(P)	33	04.60	-1.3
MAT	69.19	320 (P)	33	41.00	-3.8X
	1.3s	30.77nm		5.2mb	
SPA	74.61	180 eP	34	29.00	12.2X
	1.0s	7.00nm			
ALQ	80.63	50 eP	34	49.00	-1.7
	1.0s	7.50nm		4.6mb	
EDM	85.41	31 ePc	35	12.60	-1.9
YKA	90.06	23 eP	35	36.40	-0.2
YKC	90.10	23 eP	35	35.00	-1.8
NB2	134.41	357 PKP	41	59.60	4.3X
	0.9s	2.40nm			
CLL	143.93	353 ePKP	42	16.00	3.2X
BRG	144.25	352 e(PKP)	42	15.10	1.8
SPC	144.66	345 ePKP	42	11.80	-2.6X
MOX	144.72	355 e(PKP)	42	13.00	-1.2
ENN	144.80	1 ePKP	42	04.80	-9.5X
MEM	144.96	1 PKP	42	16.80	2.3
PRU	145.03	351 ePKP	42	12.00	-2.7X
JDS	145.22	344 ePKP	42	13.20	-1.9
DOU	145.43	3 PKP	42	13.70	-1.7
GRF	145.71	355 ePKP	42	14.50	-1.4
WLF	145.91	1 PKP	42	16.00	-0.2
KHC	146.01	352 iPKPd	42	15.90	-0.6
	1.3s	53.50nm			
FLN	146.27	9 ePKP	42	16.30	-0.5
ZST	146.32	348 ePKP	42	17.20	0.3
SRO	146.41	346 iPKP	42	17.50	0.4
LDF	146.48	8 ePKP	42	17.10	-0.1
GRR	146.57	9 ePKP	42	17.80	0.5
GWF	146.60	359 ePKP	42	17.00	-0.4
CMP	146.61	336 ePKPc	42	13.00	-4.5X
LPF	146.89	10 ePKP	42	18.40	0.6
SOP	146.92	348 ePKP	42	19.00	1.1
CDF	147.17	360 ePKP	42	19.30	0.9
HAU	147.57	1 ePKP	42	20.30	1.3
BSF	147.75	0 ePKP	42	20.90	1.5
GRC	148.13	5 iPKPc	42	21.80	2.0
LOR	148.21	4 ePKP	42	22.10	2.1
SSF	148.39	4 ePKP	42	22.80	2.5X
MFF	148.42	9 ePKP	42	22.80	2.5X
LBF	148.50	4 ePKP	42	22.50	2.0
AVF	148.65	5 ePKP	42	23.10	2.4X
SMF	148.83	4 ePKP	42	23.70	2.7X
BGF	148.84	5 ePKP	42	23.70	2.7X
LJU	148.87	350 e(PKP)	42	20.30	-0.8
VOY	148.99	351 e(PKP)	42	19.40	-2.0X
LSF	149.00	7 ePKP	42	24.00	2.7X
TCF	149.04	6 ePKP	42	24.20	2.8X
MZF	149.15	6 ePKP	42	24.70	3.2X
RJF	149.93	8 ePKP	42	26.50	3.8X
SKO	150.78	337 iPKP	42	28.00	3.9X
VAY	150.90	335 ePKP	42	23.30	-1.0
FIR	151.56	353 ePKP	42	31.00	5.8X
OHR	151.77	337 ePKP	42	23.50	-2.2X
CDR	151.89	2 ePKPc	42	31.90	6.2X
LRG	152.12	1 ePKP	42	33.90	7.9X

S.D. = 1.3 on 32 of 59 obs.

• JUN 06, 1985 01h 26m 27.51± 0.75s
64.005 N ± 6.4km 148.861 W ±12.9km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)
ML 3.2 (PMR).

FBA	1.01	27 eP	26	45.00	-0.4
TOA	2.27	146 eP	27	04.10	0.6
PWA	2.41	192 eP	27	05.00	-0.4
PMR	2.43	183 eP	27	05.00	-0.7
PMS	2.79	187 eP	27	11.30	0.5
IMA	2.91	318 eP	27	13.00	0.4
TTA	3.39	255 eP	27	26.60	7.2X
SVW	4.27	230 eP	27	40.00	8.1X

S.D. = 0.7 on 6 of 8 obs.

? JUN 06, 1985 02h 00m 37.56± 7.18s
51.576 N ±41.5km 16.312 E ±44.7km
DEPTH = 10.0km (geophysicist)

POLAND (548)
ML 3.1 (GRF).

KSP	0.73	181 iPd	00	51.80	-0.2
	1.6s	414.00nm			
		iS	01	00.50	
PRU	1.95	216 ePn	01	11.20	0.2
		ePg	01	14.30	
		Sn	01	29.80	
		eSg	01	36.50	
CLL	2.09	264 iPn	01	13.30	0.3
		iPg	01	16.00	
		iSg	01	42.00	
KHC	3.01	217 iPn	01	26.50	0.3
		Pg	01	32.50	
		e	02	00.90	
		Sg	02	13.30	
HOF	3.08	247 eP	01	26.60	-0.5
MOX	3.10	254 ePg	01	36.00	8.6X
		iSg	02	16.00	
WET	3.28	223 iPnc	01	30.00	0.0
GRF	3.75	242 ePn	01	36.50	-0.2
		ePg	01	49.80	
		eSg	02	34.00	

S.D. = 0.4 on 7 of 8 obs.

JUN 06, 1985 02h 40m 12.95± 0.15s
0.932 N ± 3.6km 28.432 W ± 3.0km
DEPTH = 10.0km (geophysicist)
6.3mb (65 obs.) 6.5Msz (25 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)
Ms 6.6 (BRK), 6.5 (PAS).
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 83 Dip=85 Slip= 177
NP2: 173 87 5
Principal Axes:
T Plg= 6 Azm= 38
P 1 308
Comment: The focal mechanism is moderately well controlled and corresponds to right-lateral strike slip faulting with a small reverse component. The preferred fault plane is NP1.
MOMENT TENSOR SOLUTION
Dep 32 No. of sta: 15
Moment Tensor; Scale 10**25 d-cm
Mrr= 1.70 Mtt= 3.81
Mff=-5.52 Mrt=-2.09
Mrf=-1.69 Mtf=-7.59
Principal axes:
T Val= 8.22 Plg= 9 Azm=208
N 2.06 75 81
P -10.28 12 300
Best Double Couple:Mo=9.3*10**25
NP1:Strike=344 Dip=75 Slip= -2
NP2: 74 88 -165
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 48C M.W.: 15S, 31C
Centroid Location:
Origin Time 02:40:21.1 0.1
Lat 1.00N 0.01 Lon 28.08W 0.01
Dep 10.0 FIX Half-duration 6.7
Moment Tensor; Scale 10**25 D-CM
Mrr= 0.28 0.05 Mtt= 0.29 0.05
Mff=-0.57 0.07 Mrt= 0.00 0.00
Mrf= 0.00 0.00 Mtf=-5.59 0.04
Principal Axes:
T Val= 5.46 Plg= 0 Azm=223
N 0.28 90 180
P -5.75 0 133
Best Double Couple:Mo=5.6*10**25
NP1:Strike=268 Dip=90 Slip= 180
NP2: 358 90 0

ITR	13.85	226 eP	43	28.30	-3.5X
		e	43	29.10	
SOB1	15.99	231 eP	43	57.00	-2.7
MBO	17.54	40 iPc	44	16.40	-2.9
ATB	24.15	260 Pc	45	29.70	-0.6
KIC	24.24	77 iPc	45	31.00	-0.2
BAO	25.39	229 Pc	45	42.20	-0.2
		e	45	45.50	
		e	45	46.90	
RDJ	27.72	210 iP+	46	03.20	-0.4
VAO	29.86	216 eP	46	22.10	-0.9

e 46 26.50
e 46 34.00
i 47 08.00
TRN 34.15 288 eP 47 05.20 4.6X
AVE 37.77 29 iP 47 32.00 1.0
i 49 00.00
CAR 39.42 285 iPc 47 46.00 0.7
0.6s 48.00nm 5.3mb
SJG 40.78 297 eP 47 55.00 -1.3
0.9s 75.63nm 5.4mb
Z 20s 54.61um 6.4Msz
SFS 40.91 28 iPc 48 00.00 2.9X
iPP 49 34.00
iS 54 08.00
iSS 57 10.00
iSSS 00 15.00
TAF 41.54 33 iP 48 04.00 1.6
i 49 46.00
LIS 41.55 23 ePc 48 03.30 1.0
MAL 41.98 29 iP+ 48 07.00 1.2
iPP 49 48.00
iS 54 31.00
TOV 42.06 284 eP 48 09.00 2.1
ZOBO 42.74 245 iPd 48 13.00 -0.1
SDV 42.74 282 eP 48 13.50 0.8
CRT 42.75 30 iP 48 13.00 0.8
CNCB 42.79 244 iP 48 14.00 0.5
S 54 38.00
LPB 42.80 244 iPc 48 13.30 -0.1
1.2s 468.75nm 6.1mb
Z 23s 65.15um 6.5MszX
S 54 40.00
LR 59 15.00
YJA 42.82 235 ePc 48 14.00 0.4
UAV 43.21 282 eP 48 17.90 1.4
LGN 43.56 284 e(P) 48 27.90 8.9X
SLA 44.04 232 ePd 48 23.00 -0.1
TOL 44.68 27 iP+ 48 28.00 0.2
i 48 45.00
iPP 50 13.00
iPcS 53 40.00
iS 55 08.00
BMG 44.92 279 eP 48 31.50 1.2
LPA 45.09 215 eP- 48 28.00 -3.1X
Z 20s 65.96um 6.6Msz
eS 55 16.00
FSA 45.13 231 ePc 48 31.00 -0.6
TPZ 45.20 238 Pc 48 13.10 -19.7X
ALI 45.22 31 iP- 48 33.00 0.9
eS 55 13.00
BOG 45.72 276 eP 48 37.00 0.1
eS 55 20.00
ARE 45.86 246 iPd 48 35.00 -2.9
CYA 46 20 228 iPd 48 40.00 -0.1
TCA 46.97 224 ePd 48 44.90 -1.3
BCAO 47.04 85 iPc 48 47.70 0.8
BNG 47.05 85 iPc 48 47.90 0.9
0.9s 54.00nm 5.6mb
id 49 23.70
id 50 41.00
id 53 19.50
LGR 47.44 26 iPc 48 51.20 1.5
1.9s 2.70nm 4.0mb X
eS 55 54.00
GAL 47.53 284 eP 48 56.50 5.7X
ANT 47.56 236 iP 48 50.00 -0.9
iS 55 48.00
e- 03 00.00
EBR 47.57 30 iP 48 51.00 0.3
e 50 41.00
eS 55 51.00
BOH 48.62 27 ePc 48 59.60 0.6
ISSF 48.66 27 eP 49 00.00 0.7
PSO 48.88 271 eP 49 01.50 -0.4
OGE 48.91 27 eP 49 01.90 0.8
EPF 49.18 28 iPc 49 04.20 1.0
MLS 49.48 28 eP 49 05.10 -0.4
CFA 49.69 226 ePd 49 06.00 -1.3
NNA 49.75 253 iPc 49 06.00 -2.1
LFF 50.84 27 iPc 49 16.20 0.4
LPO 50.85 27 eP 49 16.20 0.3
STJ 51.03 339 eP 49 15.00 -2.2
1.0s 230.00nm 6.1mb
CAF 51.43 27 iPc 49 20.40 0.0
RJF 51.47 27 eP 49 20.50 -0.1
1.7s 499.90nm 6.2mb
UPA 51.48 281 ePc- 49 21.20 0.0

1.3s 465.38nm 6.3mb
Z 18s 13.57um 6.0Msz
i 49 56.00
S 56 47.00
RFA 51.61 223 ePc 49 21.00 -0.9
MFF 51.77 25 iPc 49 23.00 0.1
JACH 51.95 226 ePd 49 24.00 -0.6
FCH 52.07 225 ePd 49 26.00 0.2
LSF 52.21 26 iPc 49 26.10 -0.1
BACH 52.23 225 iPc 49 26.00 -0.7
PEL 52.26 226 iPc+ 49 25.50 -1.3
1.7s 923.08nm 6.4mb
Z 20s 71.28um 6.7Msz
eLR 05 02.00
CDR 52.33 31 ePc 49 24.30 -2.8
i 49 38.00
e 49 53.80
iPP 51 19.50
i 51 44.30
PCH 52.39 225 eP 49 27.30 -0.6
ROCH 52.40 226 ePc 49 26.50 -1.6
SAN 52.40 225 iPc 49 27.20 -0.7
LMR 52.47 32 iPc 49 27.70 -0.5
LRG 52.48 32 iPc 49 28.20 0.0
PYM 52.49 27 iPc 49 29.00 0.6
TCF 52.54 26 iPc 49 28.40 -0.3
LPF 52.56 23 iPc 49 28.90 0.1
MZF 52.65 27 iPc 49 29.30 -0.2
TACH 52.70 225 eP 49 29.50 -0.7
SSB 52.87 29 iPc 49 29.90 -1.3
GRR 52.93 23 iPc 49 31.50 0.0
BGF 53.03 27 eP 49 32.30 0.0
VAL 53.08 14 iP 49 33.00 0.5
iS 56 07.00
LNV 53.20 225 iPc 49 32.90 -0.8
CVF 53.24 34 iPc 49 33.40 -0.6
FLN 53.38 23 iPc 49 34.40 -0.4
1.5s 489.70nm 6.3mb
LDF 53.38 23 iPc 49 34.50 -0.3
AVF 53.43 27 iPc 49 35.10 -0.2
SMF 53.55 27 iPc 49 36.30 0.2
GRC 53.69 26 iPc 49 37.00 -0.1
SSF 53.71 27 iPc 49 36.90 -0.4
LBF 53.86 27 iPc 49 38.40 -0.1
LOR 54.02 27 iPc 49 39.30 -0.3
1.9s 786.40nm 6.4mb
DIX 54.85 30 eP+ 49 46.30 0.3
GCM 54.95 293 eP 49 48.40 1.6
MMK 55.10 30 eP+ 49 47.80 -0.1
DCN 55.11 15 iPc 49 48.10 0.7
DLE 55.25 16 iPc 49 48.70 0.2
1.5s 780.00nm 6.5mb
FIR 55.36 34 iPc 49 50.00 0.6
S 57 43.00
HAU 55.70 28 iPc 49 51.60 -0.3
BSF 55.79 28 iPc 49 51.90 -0.7
VDL 56.16 31 ePd 49 55.00 -0.4
LLS 56.18 30 eP+ 49 54.80 -0.8
ZUL 56.30 29 eP+ 49 56.20 0.0
CDF 56.43 28 iPc 49 56.40 -0.8
DOU 56.48 25 P 49 56.90 -0.5
1.3s 871.40nm 6.6mb
Z 20s 44.00um 6.6Msz
PP 52 06.00
S 57 48.00
SLE 56.55 29 eP+ 49 57.70 -0.3
SAX 56.62 30 eP+ 49 57.70 -1.1
OSS 56.64 31 eP+ 49 57.60 -1.3
MIM 56.79 327 eP 49 58.50 -1.2
WLF 56.83 26 Pc 49 59.20 -0.6
PP 52 07.00
SP 58 04.50
UCC 56.91 24 Pc 50 01.20 0.7
PPP 53 22.00
S 57 57.00
GWF 56.99 28 eP 50 00.00 -1.1
BUH 57.06 28 ePc 50 00.90 -0.8
PAL 57.23 320 P 49 59.20 -3.7X
MEM 57.46 25 Pc 50 04.00 -0.3
ENN 57.54 25 ePc 50 04.50 -0.4
1.3s 841.00nm 6,6mb
e 50 34.00
e 51 22.00
ePP 52 04.00
ePPP 53 30.00
STU 57.59 29 ePc+ 50 04.50 -0.8
2.0s 1294.12nm 6.6mb

Z 20s 26.95um 6.4Msz
iS 58 06.00
KLL 57.62 25 iPc 50 05.00 -0.5
STB 57.81 26 iPc 50 09.30 2.5
TRI 57.95 34 eP 50 06.90 -1.0
ePP 52 12.50
iPPP 53 35.00
ePcS 54 48.00
iS 58 09.00
iSS 02 06.00
ESK 57.97 17 ePd 50 06.00 -1.9
1.5s 500.00nm 6.3mb
EKA 58.00 17 Pd 50 07.30 -0.8
1.6s 468.40nm 6.3mb
FUR 58.20 30 eP 50 08.80 -0.8
2.0s 2237.00nm 6.9mb
eS 58 13.50
VLS 58.22 44 eP 50 09.00 -0.9
VOY 58.22 33 iPc 50 09.40 -0.5
BNS 58.22 26 iPc 50 09.70 0.0
1.7s 1210.00nm 6.7mb
DBN 58.24 24 iP+ 50 11.00 1.3
Z 19s 33.30um 6.5Msz
iPP 52 25.00
ePPP 53 40.00
iPcS 55 05.00
iS 58 17.00
TNS 58.26 27 eP 50 09.50 -0.5
EAU 58.36 16 ePc 50 08.50 -2.1
1.6s 777.00nm 6.5mb
EBL 58.42 17 ePc 50 09.20 -1.8
1.6s 852.00nm 6.6mb
EAB 58.42 16 ePc 50 09.40 -1.6
1.6s 406.00nm 6.2mb
EDI 58.51 16 ePc 50 09.40 -2.2
1.6s 490.00nm 6.3mb
KBA 58.57 32 iPc 50 11.00 -1.4
1.5s 508.90nm 6.4mb
i 50 12.40
i 50 23.60
i 53 49.00
i 53 57.50
e 54 27.50
LJU 58.59 34 iP 50 12.70 0.4
i 50 31.70
i 51 19.00
e 53 44.70
iS 58 19.00
ESY 58.66 17 eP 50 10.60 -2.1
1.7s 403.00nm 6.2mb
EBH 58.70 16 eP 50 11.20 -1.7
1.6s 385.00nm 6.3mb
BHG 58.73 31 eP 50 05.60 -7.7X
1.7s 1000.00nm 6.6mb
WTS 58.83 25 eP 50 13.50 -0.4
1.6s 1167.00nm 6.7mb
e 50 34.00
e 51 22.00
ePP 52 21.50
e(PPP)53 27.00
ELO 58.84 16 ePc 50 11.70 -2.2
1.8s 463.00nm 6.3mb
EDU 59.09 16 eP 50 14.30 -1.4
1.6s 1297.00nm 6.8mb
GRF 59.19 29 iPc 50 16.10 -0.4
1.7s 1578.00nm 6.9mb
Z 20s 25.00um 6.3Msz
eS 58 29.00
WIT 59.38 24 ePc 50 19.00 1.4
ePP 52 18.00
e 52 29.00
MNT 59.53 325 eP 50 18.50 -0.4
RSNY 59.53 323 P 50 19.30 0.4
KMR 59.60 32 iP+ 50 18.00 -1.3
i 51 19.00
i 52 42.00
i 58 36.80
BUL 59.64 114 iPc 50 18.70 -1.5
iPP 52 28.30
iS 58 38.90
KSR 59.64 121 iPc 50 19.00 -1.2
1.0s 255.00nm 6.3mb
WET 59.64 30 iPc 50 18.60 -1.0
Z 19s 35.30um 6.5Msz
eS 58 32.00
OHR 59.74 41 iP 50 20.50 0.0
i 50 51.30

06d 02h

iPP 51 21.50
KRI 59.86 110 iPc 50 20.00 -1.8
iPP 52 32.00
BLA 59.91 313 eP~ 50 20.50 -1.2
1.6s 350.00nm 6.2mb
Z 20s 22.16um 6.3Msz
HOF 59.32 29 iPc 50 20.60 -0.9
2.0s 1248.00nm 6.7mb
Z 17s 26 50um 6.4MszX
KHC 59 99 31 iPc 50 21.00 -1.0
1.5s 1079.00nm 6.8mb
Z 16s 16.10um 6.3MszX
N 16s 7.90um
E 14s 10.30um
S 58 36.00
KZN 60.01 43 eP 50 21.90 -0.5
MOX 60.02 28 iPc+ 50 21.50 -0.6
1.8s 1231.00nm 6.7mb
Z 18s 26.90um 6.4Msz
N 16s 24.10um
E 16s 13.80um
iPP 52 35.00
iPPP 53 45.00
iS 58 30.00
iSS 02 25.00
eLQ 05 30.00
PRM 60.16 309 eP 50 21.10 -2.3
1.5s 8.10nm 4.6mb X
ATH 60.34 46 iPc 50 24.80 0.2
ePP 54 00.00
ePS 58 44.00
LIT 60.41 43 iPc 50 24.30 -0.7
GFM 60.49 312 P 50 25.30 -0.6
SKO 60.57 41 iPc 50 25.80 -0.3
1.8s 700.00nm 6.5mb
i 50 27.00
iPcP 50 58.50
iPP 52 38.00
iPPP 54 10.00
iS 58 40.00
iScS 00 24.00
iSS 02 30.00
SOP 60.68 33 iPc 50 26.40 -0.3
NPS 60.58 49 eP 50 27.30 0.4
OTT 60.70 324 eP 50 26.50 -0.3
1.5s 211.00nm 6.0mb
GRG 60.74 42 eP 50 26.90 -0.4
SLR 60.79 120 iPd- 50 27.60 -0.5
1.5s 416.67nm 6.3mb
Z 22s 25.93um 6.3Msz
S 58 48.00
VKA 60.89 33 iPc 50 27.50 -0.6
3.3s 3940.00nm 7.0mb X
Z 15s 21.60um 6.4MszX
i 52 39.00
iS 58 50.50
THE 60.97 43 iPc 50 28.20 -0.6
WVLY 60.98 320 P 50 28.40 -0.5
PRU 61.02 30 iPc 50 27.80 -1.1
1.7s 582.60nm 6.4mb
iS 58 48.00
SEK 61.02 123 iPc 50 27.60 -1.9
1.0s 142.00nm 6.1mb
VAY 61.02 42 iPc 50 28.40 -0.7
CLL 61.11 28 iPc 50 28.40 -1.2
2.1s 1100.00nm 6.6mb
Z 17s 25.50um 6.4MszX
eS 58 50.00
PAIG 61.15 44 eP 50 29.40 -0.6
KNT 61.16 42 ePc 50 30.10 0.0
HAM 61.20 25 iPc 50 29.60 -0.5
ZST 61.27 33 iPc 50 29.90 -0.8
i 50 32.00
e 52 48.00
e 54 16.00
SOH 61.32 43 eP 50 31.00 -0.3
SRS 61.61 43 ePc 50 33.20 0.0
EVA 61.70 121 iPd 50 33.50 -0.8
1.6s 533.33nm 6.5mb
MTD 61.70 110 iPc 50 33.00 -1.3
SRO 61.72 34 iPc 50 33.10 -0.7
N 20s 21.70um
E 20s 31.50um
i 50 35.00
i(S) 59 04.00
TKL 61.81 311 P 50 33.50 -1.1
GIE 61.89 269 P 50 36.40 0.9

Z 23s 29.46um 6.4MszX
E 18s 22.22um
iS 59 04.80
MMB 61.91 42 iPc 50 35.00 -0.3
BRN 61.94 27 iPc 50 35.80 0.7
VTS 62.02 41 iPc 50 36.00 0.1
SCH 62.16 336 eP 50 34.50 -2.2
KSP 62.43 30 ePc 50 38.00 -0.4
1.6s 586.00nm 6 5mb
id 50 40.20
PRK 62.69 46 eP 50 40.50 0.1
PLD 62.79 42 eP 50 41.00 0.0
LDN 62.95 319 P 50 41.10 -1.0
EZN 62.96 45 iP 50 41.50 -0.6
KDZ 63.03 43 iPc 50 42.00 -0.6
IZM 63.08 47 iP 50 42.90 -0.1
DLA 63.13 319 P 50 40.60 -2.6
RSCP 63.17 310 eP 50 42.80 -0.9
REY 63.24 3 iP 50 44.50 1.0
JOS 63.34 34 iPc 50 43.80 -0.7
DIM 63.36 42 iPd 50 47.00 2.2
YER 63.37 48 iP 50 44.80 -0.2
TET 63.48 108 iPc 50 49.00 3.1X
SPC 63.55 33 iP 50 46.90 0.7
Z 12s 10.50um 6.2MszX
PVL 63.56 41 iPc 50 46.00 -0.1
ASW 63.57 64 eP 50 46.00 -0.4
eS 02 59.40
KGT 63.89 45 eP 50 48.10 -0.2
UTO 63.97 317 ePc 50 49.70 0.9
MFT 64.01 44 iP 50 50.10 0.9
JMB 64.21 42 iPd 50 50.00 -0.4
EDC 64.25 45 iP 50 50.80 0.1
CMP 64.42 39 ePc 50 47.00 -4.7X
ELL 64.46 49 iP 50 53.50 1.2
DST 64.51 46 iPc 51 02.50 10.0X
COM 64.53 287 iPc 50 50.50 -2.6
KCT 64.56 45 eP 50 53.10 0.4
BUC 64.72 40 iPc 50 54.00 0.4
BER 64.73 18 iPd 50 54.50 1.1
AKU 65.04 5 iP 50 57.10 1.8
1.5s 322.22nm 6.3mb
BCK 65.21 49 iP 50 57.50 0.5
NAI 65.27 92 ePc 51 04.00 6.0X
eS 59 54.00
ISK 65.36 45 iP 50 58.10 0.3
KONO 65.55 20 eP 50 59.00 0.3
BRD 65.80 39 eP 51 02.00 1.4
GPA 65.97 46 iPd 51 01.70 -0.1
PPE 66.46 39 eP 51 05.00 0.2
CSS 66.56 52 eP 51 06.30 0.6
PRNI 66.75 57 eP 51 07.00 0.0
CHI 66.86 316 P 51 08.00 0.6
AAS 66.91 195 eP 51 03.00 -4.3X
NB2 67.12 20 P 51 08.20 -0.6
1.5s 574.50nm 6.5mb
JER 67.25 56 eP 51 02.00 -8.2X
AAE 67.34 81 iP 51 14.00 2.7
HFS 67.35 21 eP 51 09.30 -0.9
1.8s 666.70nm 6.5mb
Z 17s 31.62um 6.6MszX
LR 12 07.00
FVM 67.61 311 eP 51 10.00 -2.3
1.3s 87.72nm 5.8mb
PBJ 67.68 287 iPd 51 12.00 -1.0
HRI 68.05 54 eP 51 15.00 -0.3
BHL 68.14 54 Pc 51 17.00 1.3
PP 53 46.50
S 00 21.00
UPP 68.65 23 iP 51 17.50 -0.8
1.5s 800.00nm 6.7mb
iS 00 22.00
NPA 68.74 106 iP 51 21.00 1.3
ePP 53 51.00
VHO 69.02 288 iPd 51 22.50 0.9
FRB 69.23 342 eP 51 22.00 0.2
1.0s 71.00nm 5.8mb
BHO 70.14 306 ePd 51 27.50 -0.4
1.2s 46.50nm 5.5mb
GDH 70.26 351 eP+ 51 28.00 0.0
iS 00 42.00
LHC 70.33 322 eP 51 29.00 0.2
RLO 70.68 308 eP 51 29.00 -2.2
TUL 71.22 308 ePd- 51 34.20 -0.3
1.0s 211.80nm 6.2mb
Z 20s 10.70um 6.1Msz
eS 00 46.00

TPM 71.39 290 iPd 51 37.00 1.0
ARO 71.47 78 iPd 51 38.00 1.6
TAC 71.56 290 iP 51 38.00 0.9
IIC 71.66 290 eP 51 39.00 1.2
III 71.72 289 eP 51 39.00 1.0
RTB 71.75 55 iPd 51 38.50 0.8
iPcP 52 18.00
iS 01 07 00
iPS 01 25.00
iScS 02 21.50
NUR 71.87 25 iP 51 38.80 1.0
1.3s 267.90nm 6.2mb
Z 18s 47.90um 6.8Msz
e 52 36.00
ePP 53 48.00
ePPP 55 52.00
eS 01 00.00
eSS 05 32.00
LR 20 50.00
OXM 72.01 290 iP 51 41.00 1.1
OCO 72.48 307 eP 51 42.10 0.1
JCT 73.51 301 eP 51 48.50 0.3
Z 18s 14.09um 6.3Msz
SUF 73.66 23 iP 51 48.20 -0.1
1.0s 143.60nm 6.0mb
RSON 73.88 323 eP 51 48.30 -1.6
1.6s 121.17nm 5.7mb
PIM 74.00 289 iP 51 53.00 1.9
MSL 74.66 53 iPd 51 55.50 0.8
ePP 54 30.50
eS 01 35.00
eSKS 01 42.00
KJF 75.03 22 iP 51 56.00 -0.3
1.1s 268.70nm 6.2mb
Z 18s 60.80um 6.9Msz
e 53 02.00
eS 01 36.00
eSS 06 24.00
LR 22 38.00
BHD 75.15 56 iP 51 59.00 1.4
iPcP 52 15.00
ePP 54 46.00
iS 01 46.00
DAG 75.95 2 iPc 52 01.20 -0.1
1.0s 110.00nm 5.9mb
iS 01 46.00
SOD 76.32 19 iP 52 03.80 0.2
LTX 76.68 300 eP 52 07.00 0.5
1.5s 48.57nm 5.4mb
AVY 77.22 110 eP 52 12.20 2.5
TAB 77.44 51 eP 52 11.00 0.4
KER 77.55 55 iPc 52 13.60 2.4
KEV 77.73 17 iP 52 11.00 -0.3
1.1s 103.20nm 5.8mb
eS 02 06.00
eSS 07 02.00
RSSD 79.03 315 P 52 17.80 -1.5
GLD 79.25 310 P 52 21.50 1.0
Z 21s 45.11um 6.8Msz
GDL 79.36 310 P 52 21.40 0.2
Z 21s 22.53um 6.5Msz
ALQ 79.65 305 eP 52 23.00 0.2
1.8s 204.55nm 5.8mb
Z 22s 37.04um 6.7Msz
FFC 79.78 326 eP 52 22.00 -0.8
1.3s 114.00nm 5.7mb
KBS 80.60 7 iPd 52 30.20 3.4X
SHI 81.68 60 eP 52 32.00 -1.6
ALE 82.81 356 eP 52 38.50 0.3
1.0s 82.00nm 5.9mb
RMU 83.48 307 eP 52 44.00 1.3
SES 84.56 320 eP 52 47.50 -0.3
LRM 85.16 316 eP 52 52.00 0.9
EDM 86.21 323 iPc 52 56.00 0.1
1.2s 404.00nm 6.5mb
CLX 87.10 318 iPc 53 01.90 1.3
RXF 87.12 319 iPc 53 02.70 2.2
LDM 87.24 318 iPc 53 03.60 2.6
YKC 87.34 332 eP 53 03.00 1.9
2.2s 270.00nm 6.1mb
LHD 87.39 318 iPc 53 04.00 2.2
RSNT 87.40 332 P 53 01.80 0.4
YKA 87.40 332 eP 53 02.40 1.0
TPC 87.51 304 eP 53 03.00 0.4
EUR 87.51 309 iP 53 04.00 1.2
1.0s 17.31nm 5.3mb
YKM 87.51 319 iPc 53 04.00 1.5

MHI	87.78	54	iPc+	53	06.00	2.0
			e	56	32.00	
			eS	03	16.00	
BAR	88.02	302	eP	53	07.00	1.9
GSC	88.14	305	eP	53	07.00	1.3
SDW	88.36	304	P	53	08.10	1.3
NEW	88.43	318	eP	53	07.50	0.7
	Z 22s		25.00um			6.6Msz
BMN	88.48	310	P	53	08.50	1.2
SLBC	88.52	303	eP	53	12.50	5.1X
CLC	88.78	306	eP	53	08.00	-0.7
VPEM	88.96	306	P	53	10.00	0.3
SBB	88.97	304	eP	53	10.00	0.3
MWC	89.17	304	eP	53	12.00	1.2
MNA	89.21	308	eP	53	12.30	1.5
PAS	89.27	304	eP	53	13.00	2.0
			ePP	55	21.00	
			eS	04	05.00	
			ePS	05	00.00	
			eSS	09	53.00	
			eSSS	12	58.00	
			eSKKP	13	50.00	
			eLg	17	16.00	
			eLR	19	02.00	
MBC	89.32	346	eP	53	12.00	1.6
ISA	89.50	305	eP	53	14.00	1.9
SYP	90.75	304	eP	53	21.00	2.9X
			eSKS	02	48.00	
SPA	90.93	180	eP	53	19.70	1.5
	1.0s		80.50nm			6.0mb
	Z 22s		8.20um			6.1Msz
JAS1	91.00	308	eP	53	20.40	1.4
MAW	91.35	157	eP	53	22.00	2.1
BKS	92.44	308	eP	53	31.60	6.0X
	Z 20s		20.00um			6.6Msz
	N 20s		10.00um			
	E 20s		17.00um			
			ePP	57	08.00	
			eS	03	46.00	
			ePPS	05	44.00	
			eSS	10	53.60	
			e	11	00.00	
			eLQ	21	06.00	
			eLR	23	42.00	
PGC	92.63	319	eP	53	29.00	2.8X
COR	92.83	315	eP	53	40.00	12.8X
INK	94.69	339	eP	53	37.00	1.7
KSH	100.51	50	Pdiff	54	05.00	2.5X
FBA	101.22	338	Pdiff	54	09.00	4.2X
SBA	102.72	183	e(Pdif	54	15.50	4.2X
IMA	102.75	340	Pdiff	54	18.00	6.2X
KDI	103.25	60	ePdiff	54	16.00	1.2
			eS	05	44.00	
PMR	103.29	335	Pdiff	54	08.00	-6.1X
	Z 20s		25.50um			6.7Msz
KOD	105.47	79	ePKP	58	49.00	9.7X
HYB	105.91	72	ePKP	58	52.00	12.3X
WMO	107.91	43	Pdiff	54	37.50	2.2X
			PP	59	08.50	
GTA	117.99	44	PKP	59	03.80	1.6
			PP	00	15.50	
			SS	16	02.00	
BTO	124.01	38	PKP	59	14.00	0.3
			PP	00	57.00	
			PPP	03	30.00	
CD2	124 67	51	ePKP	59	16.00	0.9
CHTO	124.73	66	ePKP	59	15.30	-0.2
	1.1s		16.49nm			
HHC	124.78	36	ePKP	59	12.60	-2.5X
XAN	126.99	45	ePKP	59	19.00	-0.6
TIY	127.25	39	PKP	59	20.70	0.7
LOE	127.65	67	ePKP	59	22.00	0.8
BJI	127.98	34	ePKP	59	22.00	0.9
	Z 19s		11.70um			6.6Msz
	E 17s		4.60um			
			ePP	01	26.00	
			ePKS	02	53.00	
			SS	18	32.00	
SNG	128.54	80	ePKP	59	26.00	3.1X
GYA	128.88	54	PKPc	59	24.00	0.5
			PP	01	31.00	
			PKS	02	46.00	
IPM	129.21	83	ePKPc	59	29.20	4.9X
CN2	129.71	24	PKPc	59	24.00	-0.3
			PP	01	32.00	
			ePKS	02	53.00	
			eSKS	06	26.00	

SNY	130.48	27	ePKP	59	25.20	-0.6
			PP	01	38.00	
MDJ	130.61	21	ePKP	59	23.00	-3.0X
			PP	01	40.00	
			PKS	02	58.00	
			SKS	06	25.00	
			SKKS	08	36.00	
			SS	19	18.00	
KGM	131.67	86	ePKPc	59	29.00	0.1
DL2	131.75	31	ePKP	59	29.00	0.7
			PP	01	45.00	
			PKS	03	04.00	
WHN	132.75	45	PKP	59	31.50	1.0
QIZ	134.49	62	PKP	59	36.00	1.9
NJ2	134.90	40	PKPd	59	36.00	1.5
			PP	02	06.00	
			PKS	03	07.00	
			PPP	05	01.00	
			SKKS	08	58.00	
HKC	136.85	55	ePKP	59	29.00	-9.5X
			ePP	02	23.00	
SSE	137.02	40	PKP	59	40.00	1.4
	Z 16s		8.00um			6.5MszX
	N 16s		7.50um			
	E 17s		6.50um			
			PP	02	20.00	
			PKS	03	13.50	
			PPP	05	12.00	
OZH	139.00	49	ePKP	59	38.00	-4.4X
			PP	02	34.00	
			PKS	03	15.00	
SHK	140.52	25	ePKP	59	44.70	-0.2
MAT	140.70	17	ePKP	59	45.00	-0.2
	Z 20s		8.16um			6.5Msz
ANP	141.02	46	e(PKP)	59	43.00	-3.2X
KKM	144.03	78	ePKPd	59	51.00	-0.7
	1.7s		234.40nm			
ADE	144.08	162	iPKPd	59	48.50	-2.7X
	1.7s		115.38nm			
WAM	144.83	176	ePKP	59	53.00	0.7
BAG	144.90	59	iPKPc+	59	51.80	-1.4
	1.8s		1081.82nm			
			e	03	11.90	
BAG	144.90	59	ePKP	00	03.00	9.8X
WBN	145.26	138	ePKP	59	53.00	-0.4
	0.8s		39.00nm			
CAN	145.70	176	ePKP	59	52.90	-1.0
MAN	146.08	62	ePKP	59	56.50	1.5
OCP	146.09	62	iPKP	59	50.00	-5.0X
NDF	149.56	235	ePKP	00	05.20	4.8X
CGP	151.64	70	iPKPd	00	10.50	6.8X
ASPA	151.64	144	ePKP	00	05.00	1.5
			eS	10	48.00	
NOU	154.28	213	iPKPc	00	11.50	4.3X
WB2	154.69	139	ePKP	59	54.20	-13.6X
			e	00	32.80	
CTA	160.27	165	iPKPc	00	19.30	4.7X
	2.0s		132.35nm			
			i	02	18.00	
			i	08	21.00	
			i	11	24.00	
			i	14	22.00	
			i	24	50.00	
GUA	164.18	24	e(PKP)	00	10.50	-8.1X
PMG	170.50	153	ePKP	00	24.50	1.4
	S.D. = 1.1		on 316 of 361 obs.			

JUN 06, 1985 04h 37m 26.97± 0.57s
38.796 N ± 5.1km 23.472 E ± 6.5km
DEPTH = 6.8 ± 3.2 km
3.6mb (1 obs.)

GREECE (364)
ML 3.6 (ATH).

ATH	0.84	167	iPgc	37	43.50	0.0
			eSg	37	53.00	
LIT	1.51	330	iPbd	37	54.50	0.0
OUR	1.59	14	ePb	37	56.00	0.5
			eSb	38	15.90	
THE	1.88	348	ePb	37	59.90	0.2
			eSb	38	22.10	
KZN	2.00	319	ePn	38	02.00	0.3
SOH	2.03	357	ePn	38	03.20	1.2
PRK	2.23	77	ePb	38	12.50	7.7X
			eSb	38	44.50	
GRG	2.31	339	ePn	38	05.90	-0.2
			eSn	38	33.60	

SRS	2.32	2	ePnc	38	06.20	0.0
KNT	2.40	350	ePn	38	07.70	0.3
EZN	2.44	64	ePn	38	07.60	-0.3
MM8	2.80	4	iPc	38	12.00	-1.0
IZM	3.00	96	ePn	38	17.00	1.2
KDZ	3.18	26	iP	38	12.00	-6.4X
KGT	3.39	60	ePn	38	22.00	0.6
MFT	3.54	55	ePn	38	27.00	3.4X
VTS	3.81	357	iP	38	28.00	0.7
NPS	3.92	153	ePn	38	29.00	0.1
DST	4.09	77	ePn	38	30.00	-1.3
PVL	4.53	16	eP	38	37.00	-0.5
NB2	23.54	345	P	42	37.30	-1.2
	0.7s		1.20nm			3.6mb
	S.D. = 0.8		on 18 of 21 obs.			

JUN 06, 1985 04h 44m 41.79± 0.64s
28.697 N ± 3.3km 140.381 E ± 2.9km
DEPTH = 39.2 ± 5.7 km
5.2mb (32 obs.)
BONIN ISLANDS REGION (212)
Felt (I JMA) on Chichi-shima.

CBI	2.26	135	eP	45	16.00	-1.5
			eS	45	39.00	
KYS	6.48	358	eP	46	17.00	-0.2
OYM	6.77	352	eP	46	20.90	-0.4
SRY	6.95	353	eP	46	17.00	-6.8X
DDR	7.35	352	eP	46	30.40	1.0
MAT	8.03	347	iPd	46	40.20	1.3
	1.4s		125.58nm			5.7mb
			eS	48	20.00	
MVI	8.63	253	eP	46	46.00	-1.1
			eS	48	40.00	
SHK	8.77	313	eP	46	48.10	-1.0
GUMO	15.60	164	eP	48	21.20	0.6
GUA	15.66	163	eP	48	22.40	1.0
	1.0s		304.00nm			5.4mb
SSE	16.82	283	eP	48	37.50	1.6
	Z 12s		2.50um			
	N 12s		1.80um			
	E 12s		2.70um			
			pP	48	46.50	
			S	51	56.50	
			sS	52	10.00	
			SS	52	20.00	
DL2	18.58	308	eP	48	59.00	1.3
NJ2	18.87	286	eP	48	59.00	-2.3
NJ2	18.87	286	iPc	49	02.00	0.7
SNY	18.93	318	Pd	49	02.70	0.8
			S	52	35.50	
OZH	19.80	264	eP	49	12.00	0.2
TIA	20.98	297	Pc	49	24.60	0.7
			S	53	18.00	
BAG	21.96	240	eP	49	33.00	-1.1
			eS	53	38.00	
MAN	22.69	236	eP	49	53.00	11.9X
WHN	22.69	281	eP	49	42.50	1.4
			pP	49	54.00	46kmX
OCP	22.70	236	eP	49	46.00	4.7X
BJI	22.89	306	eP	49	42.00	-0.9
			eS	53	48.00	
			eSS	54	30.00	
HKC	24.47	261	e(P)	50	07.00	8.6X
GZH	24.93	263	Pd	50	04.50	1.7
			pP	50	15.00	39kmX
HHC	26.47	305	eP	50	18.00	0.8
XAN	27.32	289	eP	50	24.20	-0.8
BTO	27.52	304	eP	50	27.40	0.6
			S	55	09.50	
GYA	29.91	274	P	50	49.00	0.5
LZH	31.58	293	eP	51	04.00	0.9
	2.0s		85.00nm			5.2mb
CD2	31.77	283	eP	51	04.40	-0.3
			S	56	18.00	
KMI	33.66	273	eP	51	21.50	0.1
			pP	51	36.00	58kmX
GTA	35.01	299	iPc	51	32.90	0.1
LOE	37.15	261	eP	51	49.00	-1.8
CHG	39.01	265	iPc	52	07.00	0.5
	1.0s		15.00nm			4.7mb
CHTO	39.01	265	eP	52	06.90	0.4
	1.0s		14.25nm			4.7mb
ADK	39.33	42	eP	52	08.10	-0.6
KGM	44.17	240	ePd	52	49.90	1.2
WMO	44.35	305	P	52	50.00	-0.1
			PP	54	40.00	

06d 04h

		S	59 22.00		
IPM	44.35	245 ePd	52 51.70	1.4	
PSI	47.16	244 ePd	53 12.90	0.4	
	1.0s	33.80nm		5.3mb	
PKI	48.12	282 eP	53 20.50	0.1	
	1.1s	42.00nm		5.4mb	
KKN	48.18	283 eP	53 21.20	0.5	
DMN	48.37	283 eP	53 20.80	-1.4	
	0.8s	15.00nm		5.1mb	
WB2	48 71	188 iPd	53 23.70	-0 7	
CTA	48.83	173 iPc	53 24.90	-0 5	
	1.1s	23.42nm		5.1mb	
ASPA	52.43	188 eP	53 52.00	-0.8	
TTA	52.88	31 eP	53 55.20	-0.6	
IMA	54.39	27 eP	54 06.40	-0.5	
PMR	55.95	33 eP	54 16.10	-2.0	
	1.0s	25.00nm		5.2mb	
NOU	56.60	151 iPc	54 22.90	-0.3	
FBA	56.71	29 eP	54 23.00	-0.5	
	1.0s	17.50nm		5.0mb	
GBA	59.99	270 Pc	54 47.00	-0.1	
	0.5s	5.50nm		4.9mb	
GBA	59.99	270 P	54 52.30	5.2X	
POO	61.13	276 iPc	54 54.00	-0.8	
KOD	61.44	266 eP	54 57.00	-0.4	
MRWA	62.13	204 eP	55 01.00	-0.2	
INK	62.26	25 ePd	55 00.40	-1.2	
	0.9s	34.00nm		5.5mb	
QUE	62.88	291 eP	55 06.70	0.2	
BAL	63.15	203 eP	55 08.00	0.1	
SIT	63.40	37 eP	55 09.50	0.2	
MBC	64.76	15 iPc	55 17.20	-0.8	
	0.9s	49.00nm		5.6mb	
NWAO	65.10	201 eP	55 21.00	0.3	
ALE	68.48	3 ePd	55 50.00	8.5X	
	0.8s	13.00nm		5.0mb	
YKA	71.49	28 eP	55 59.90	-0.2	
RSNT	71.51	28 P	55 59.30	-0.8	
YKC	71.56	28 ePd	55 59.20	-1.3	
	0.9s	27.00nm		5.2mb	
SOD	72.33	338 iP	56 04.20	-0.8	
		i	56 10.80		
PGC	72.85	44 eP	56 09.00	0.7	
KJF	73.66	335 eP	56 12.00	-0.8	
		i	56 19.70		
GMW	73.71	44 P	56 14.40	1.0	
BFW	73.88	46 P	56 15.40	0.9	
DAG	73.99	355 iPc	56 13.70	-0.8	
	1.8s	140.91nm		5.6mb	
		i	56 21.00		
PNT	74.85	42 iPd	56 20.00	0.0	
	1.0s	31.00nm		5.2mb	
SUF	75.06	334 iP	56 19.70	-1.2	
FHC	75.79	51 e(P)	56 26.60	1.0	
MNG	76.27	153 eP	56 27.00	-1.0	
EDM	76.49	36 iPd	56 29.00	-0.2	
	0.8s	37.00nm		5.4mb	
NEW	76.80	42 eP	56 31.40	0.3	
	0.9s	25.60nm		5.2mb	
WDC	76.88	51 iPd	56 32.00	0.4	
NUR	76.91	333 eP	56 31.00	-0.4	
MFW	77.14	45 P	56 34.20	1.3	
ORV	78.05	51 iPd	56 37.80	-0.3	
BRK	78.29	53 eP	56 39.80	0.4	
MHC	78.97	54 eP	56 43.50	0.1	
ARN	79.04	53 P	56 44.00	0.4	
SES	79.17	38 eP	56 43.50	-0.6	
SAO	79.33	54 e(P)	56 46.00	0.6	
JAS1	79 55	53 ePd	56 46.70	0.3	
PPS	79.63	54 eP	56 47.20	0.4	
LLA	79.80	54 eP	56 48.20	0.5	
UPP	80.07	334 iP	56 47.40	-1.2	
PRI	80.22	54 e(P)	56 50.80	0.7	
FRI	80.50	53 iP	56 51.60	0.2	
BMN	80.53	49 eP	56 52.40	0.7	
	1.0s	6.75nm		4.6mb	
LRM	80.79	43 ePd	56 53.40	0.3	
MNA	80.88	51 ePd	56 53.90	0.3	
FFC	81.22	31 iPd	56 54.60	-0.2	
	0.8s	24.00nm		5.2mb	
HFS	81.32	336 eP	56 54.40	-0.8	
	0.8s	16.50nm		5.1mb	
SYP	81.49	55 eP	56 58.00	1.2	
HPI	81.50	45 P	56 57.80	0.9	
NB2	81.53	338 P	56 55.40	-1.0	
	0.9s	28.90nm		5.3mb	
EUR	81.83	49 iP	56 59.10	0.5	

	0.5s	22.74nm		5.4mb	
ISA	82.01	54 eP	56 58.00	-1.4	
VPEM	82.33	53 P	57 01.40	0.2	
CLC	82.56	53 eP	57 02.00	-0.2	
IMW	82.72	44 P	57 04.80	1.5	
SB8	82.96	54 eP	57 04.00	-0.4	
PAS	82.97	55 eP	57 04.00	-0.4	
MWC	83.02	55 eP	57 05.00	0.2	
GSC	83.37	53 eP	57 06.00	-0.5	
DUG	83.54	48 P	57 08.00	0.7	
BDW	84.18	44 P	57 10.90	0.3	
	1.0s	13.00nm		5.0mb	
DAU	84.43	47 P	57 12.80	0.8	
AKU	84.47	351 iP	57 12.70	1.4	
	1.5s	88.89nm		5.7mb	
TPC	84.52	54 eP	57 12.00	-0.2	
BAR	84.80	56 eP	57 14.00	0.4	
MSU	84.86	49 P	57 15.00	0.9	
FRB	85.07	12 eP	57 14.00	-0.3	
		pP	57 22.00	25kmX	
SPC	85.92	325 eP	57 19.80	0.7	
GLA	85.93	54 eP	57 20.00	0.7	
RSSD	86.67	41 eP	57 21.30	-1.7	
	1.0s	13.00nm		5.1mb	
KSP	86.72	328 eP	57 22.00	-0.8	
RSON	87.54	31 P	57 25.90	-0.8	
	1.0s	35.00nm		5.6mb	
CLL	87.87	330 eP	57 36.00	7.7X	
	1.2s	12.00nm		5.0mb	
PRU	88.12	328 eP	57 29.00	-0.5	
KHC	89.17	328 P	57 34.00	-0.6	
		e	58 09.00		
VAY	89.69	318 eP	57 35.50	-1.7	
ALO	90.66	49 eP	57 41.00	-1.1	
	1.0s	7.25nm		5.0mb	
LHC	91.30	31 eP	57 45.00	0.5	
WLF	92.01	332 P	57 51.30	3.6X	
LTX	95.91	52 eP	58 07.00	0.8	
	0.8s	1.61nm		4.6mb	
SPA	118.53	180 e(PKP)	03 32.30	6.0X	
ARE	148.26	74 e(PKP)	04 24.00	1.2	
LPB	151.14	71 PKP	04 29.00	1.7	
CNCB	151.37	72 PKP	04 30.00	2.1X	
ATB	152.03	28 e(PKP)	04 32.50	4.3X	
TPZ	152.73	81 PKPd	04 36.00	6.5X	
	S.D. = 0.9	on 125 of 137 obs.			
*	JUN 06, 1985 06h 01m 12.47± 0.57s				
	28.525 N ±10.3km 140.461 E ± 7.4km				
	DEPTH = 33.0km (normal)				
	4.7mb (10 obs.)				
	BONIN ISLANDS REGION			(212)	
MAT	8.22	347 eP	03 14.00	1.7	
	1.6s	50.00nm		5.4mb	
		eS	05 30.00		
NJ2	18.98	286 Pc	05 36.00	2.2	
SNY	19.10	318 eP	05 34.80	-0.3	
TIA	21.12	297 Pc	05 57.00	0.4	
BAG	21.94	241 eP	06 04.50	-0.6	
		eS	10 48.00		
WHN	22.79	281 eP	06 15.00	1.7	
BJI	23.05	306 eP	06 16.50	0.8	
TIY	25.12	299 P	06 36.00	0.0	
XAN	27.44	290 eP	06 56.00	-1.4	
BTO	27.67	304 eP	06 58.00	-1.5	
GYA	30.00	274 P	07 21.60	1.1	
CD2	31.88	283 P	07 36.80	-0.1	
GTA	35.15	299 P	08 04.80	-0.5	
		i	08 41.60		
CHTO	39.07	265 eP	08 36.00	-2.3	
	1.4s	12.98nm		4.5mb	
WMQ	44.51	305 P	09 22.50	-0.2	
WB2	48.54	188 eP	09 55.70	1.2	
NDI	54.91	286 eP	10 42.00	-0.4	
GBA	60.06	270 Pc	11 19.30	0.4	
	0.7s	9.80nm		5.0mb	
INK	62.38	25 ePd	11 33.20	-0.7	
		pP	12 11.00	159kmX	
QUE	63.00	291 eP	11 39.00	0.2	
MBC	64.91	15 eP	11 50.00	-0.4	
YKA	71.61	28 eP	12 32.20	0.0	
YKC	71.67	28 eP	12 32.00	-0.6	
	0.6s	6.00nm		4.8mb	
DAG	74.17	355 iPd	12 46.20	-0.8	
	0.9s	6.72nm		4.6mb	
SUF	75.24	334 iP	12 52.10	-1.3	

	0.6s	2.20nm		4.3mb	
EDM	76.58	36 eP	13 01.50	0.3	
LRM	80.86	43 eP	13 25.80	0.9	
FFC	81.33	31 eP	13 25.00	-1.8	
	0.7s	4.00nm		4.5mb	
NB2	81.72	338 P	13 27.60	-1.2	
	0.9s	5.70nm		4.6mb	
EUR	81.89	49 iP	13 32.00	1.6	
	0.2s	3.35nm		5.0mb	
FRB	85.23	12 ePc	13 47.00	0.5	
ALQ	90.72	49 eP	14 15.00	1.2	
	1.0s	2.50nm		4.5mb	
LPB	151.13	72 ePKP	21 03.00	4.2X	
CNCB	151.36	72 ePKP	21 08.00	8.7X	
	S.D. = 1.1	on 32 of 34 obs.			
%	JUN 06, 1985 06h 09m 26.85± 0.93s				
	31.558 S ±17.1km 67.997 W ± 8.0km				
	DEPTH = 33.0km (normal)				
	SAN JUAN PROVINCE, ARGENTINA			(137)	
CFA	0.21	257 iPc	09 33.00	-0.6	
		S	09 36.50		
RTLL	0.46	299 iPd	09 36.70	-0.3	
		S	09 43.20		
RTCV	0.55	237 eP	09 38.30	0.1	
RTCB	0.69	276 ePd	09 41.00	0.8	
		S	09 51.20		
TCA	2.92	87 ePc	10 12.20	0.1	
		S	10 54.00		
	S.D. = 0.7	on 5 of 5 obs.			
	JUN 06, 1985 06h 11m 57.63± 0.47s				
	6.847 N ± 6.2km 73.105 W ± 9.3km				
	DEPTH = 161.4 ± 5.4 km				
	NORTHERN COLOMBIA			(99)	
BMG	0.23	8 iP	12 19.50	-1.4	
BOG	2.41	203 iP	12 39.50	0.5	
		iS	13 09.00		
UAV	2.62	48 iPnc	12 42.20	0.8	
	0.2s	57.40nm			
SDV	3.18	50 iPnc	12 49.20	0.8	
	0.2s	89.50nm			
LGN	3.75	29 ePn	12 55.50	0.0	
TOV	4.39	48 iPnc	13 04.20	0.2	
	0.7s	138.50nm			
PSO	7.02	217 iP	13 40.00	0.6	
CAR	7.11	59 iPnd	13 39.80	-0.5	
	0.5s	45.07nm		5.1mb X	
ZOBO	23.49	168 ePc	16 55.10	0.4	
LPB	23.75	168 P	16 57.00	0.0	
CNCB	24.04	168 P	16 59.00	-0.9	
SOB1	35.84	116 eP	18 43.50	-0.2	
SCH	48.10	5 iP	20 23.00	0.3	
FRB	56.89	2 eP	21 27.00	-0.4	
YKA	63.24	340 eP	22 10.70	0.0	
WB2	150.35	241 iPKPd	31 31.30	4.8X	
	S.D. = 0.7	on 15 of 16 obs.			
	JUN 06, 1985 06h 15m 36.01± 1.35s				
	29.032 N ± 8.2km 140.569 E ± 5.2km				
	DEPTH = 42.0 ± 12.7 km				
	4.9mb (22 obs.) 5.2Msz (1 obs.)				
	SOUTH OF HONSHU, JAPAN			(211)	
CBI	2.40	143 eP	16 11.00	-2.7	
		eS	16 33.00		
MAT	7.75	346 (P)	17 33.00	3.9X	
	1.0s	15.00nm		4.9mb	
		eS	19 02.00		
SHK	8.67	311 eP	17 42.00	0.2	
GUMO	15.88	165 e(P)	19 21.80	3.6X	
	1.3s	470.59nm		5.5mb	
GUA	15.94	164 e(P)	19 20.20	1.3	
	1.0s	144.00nm		5.1mb	
SSE	16.91	282 eP	19 33.00	1.9	
	Z 19s	3.20um			
	N 18s	2.90um			
		pP	19 42.00		
		S	22 42.00		
		SS	23 04.00		
DL2	18.51	307 eP	19 52.00	1.1	
SNY	18.79	317 Pc	19 56.10	1.8	
NJ2	18.94	285 Pc	19 55.00	-1.2	
TIA	20.98	296 Pd	20 17.30	-0.6	
		S	24 00.00		

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BAG     22.27 240 eP     20 28.00   -3.1X
                 eS     24 30.00
WHN     22.79 280 eP     20 37.50    1.5
BJI     22.83 305 eP     20 37.00    0.7
                 eS     24 34.00
                 eSS    25 12.00
OCP     23.03 236 eP     20 39.00    0.6
TIY     24.97 298 eP     20 56.50   -0.6
GZH     25 13 263 P      21 01.20    2.5
HHC     26.42 304 eP     21 11.00    0.3
BTO     27.47 303 eP     21 19.50   -0.8
LZH     31.61 292 eP     21 56.50   -0.8
KMI     33.81 272 eP     22 20.50    3.8X
GTA     34.99 298 eP     22 24.00   -2.6
LOE     37.36 261 eP     22 48.00    1.4
CHG     39.21 264 eP     23 02.00   -0.1
CHTO    39.21 264 eP     23 02.00   -0.1
        1.0s      7.50nm          4.4mb
LSA     42.81 283 eP     23 29.60   -2.5
WMO     44.30 304 P      23 43.50   -0.1
                 eS     30 16.50
IPM     44.65 245 ePd    23 48.70    2.1
PKI     48.21 282 eP     24 16.20    1.2
        1.1s     81.00nm          5.7mb
KKN     48.26 283 eP     24 14.30   -1.0
WB2     49.06 188 eP     24 15.70   -5.3X
CTA     49.14 173 iPc    24 26.00    4.3X
        1.5s     66.67nm          5.4mb
IMA     54.02  27 eP     24 59.00    0.9
NDI     54.86 286 eP     25 02.80   -1.8
PMR     55.58  33 eP     25 09.00   -0.3
GBA     60.16 270 P      25 42.60    0.5
POO     61.25 276 iPc    25 48.00   -1.6
KOD     61.63 266 eP     25 52.00   -0.5
INK     61.88  25 eP     25 52.00   -1.1
OUE     62.91 291 eP     25 58.00   -2.6
MBC     64.40  15 eP     26 09.00   -0.6
ALE     68.14   3 eP     26 33.50    0.2
        0.8s      8.00nm          4.8mb
YKA     71.12  28 eP     26 51.60   -0.1
YKC     71.18  28 eP     26 52.00   -0.1
        0.6s      6.00nm          4.8mb
SOD     72.08 338 eP     27 01.00    3.6X
KJF     73.43 335 eP     27 12.00    6.7X
DAG     73.67 355 iPc    27 06.00   -0.6
        1.1s     16.46nm          4.9mb
PNT     74.49  42 eP     27 13.00    1.2
        0.9s     12.00nm          4.9mb
SUF     74.83 334 eP     27 13.00   -0.5
        0.6s      2.80nm          4.4mb
FDM     76.12  37 ePc    27 21.00   -0.1
NEW     76 44  42 eP     27 22.00   -1.0
WDC     76.54  51 iPd    27 24.50    0.9
NUR     76.69 333 eP     27 22.00   -2.0
     Z  20s      1.10um          5.2Msz
ORV     77.71  52 ePd    27 30.30    0.2
SES     78.81  38 eP     27 36.50    0.5
JAS1    79.22  53 e(P)   27 39.30    0.9
FRI     80.16  53 eP     27 44.00    0.5
BMN     80 18  49 eP     27 44.50    0.8
        1.0s      1.50nm          3.9mb
LRM     80.43  43 eP     27 45.10    0.0
MNA     80.54  51 eP     27 46.60    0.9
FFC     80.85  31 eP     27 45.00   -1.7
        1.0s     10.00nm          4.7mb
HFS     81.08 336 eP     27 46.90   -1.0
        1.2s     32.10nm          5.2mb
NB2     81.29 338 P      27 47.40   -1.6
        1.1s     26.20nm          5.1mb
EUR     81.49  50 iP     27 51.20    0.5
        0.5s      5.32nm          4.8mb
CLC     82.22  53 eP     27 55.00    0.6
SBB     82.63  54 eP     27 57.00    0.5
PAS     82.65  55 eP     28 03.00    6.4X
MWC     82.69  55 eP     28 03.00    6.0X
GSC     83.04  54 eP     28 01.00    2.3
BDW     83.82  44 eP     28 02.90    0.2
        1.0s      5.00nm          4.6mb
TPC     84.19  54 eP     28 04.00   -0.5
VRI     84.37 320 eP     28 03.00   -2.1
BAR     84.47  56 eP     28 06.00    0.1
FRB     84.71  13 eP     28 07.00    0.6
GLA     85.60  55 eP     28 12.00    0.4
RSSD    86.30  41 eP     28 15.30    0.2
        1.1s      5.23nm          4.7mb
RSON    87.17  31 eP     28 18.90    0.1
        0.9s      2.52nm          4.5mb

BRG     87.56 329 eP     28 27.00    6.3X
        2.0s     44.00nm          5.4mb
CLL     87.67 330 eP     28 27.00    5.8X
        1.5s     17.00nm          5.1mb
PRU     87.92 329 eP     28 26.50    4.0X
     Z  16s      0.50um          5.0MszX
     N  17s      0.50um
     E  16s      0.30um
ALO     90.32  49 eP     28 34.00   -0.4
        1.2s      7.03nm          4.9mb
LHC     90.93  31 eP     28 45.50    8.9X
WLF     91.79 332 P      28 41.50    1.0
SPA    118.87 180 e(PKP)34 24.00    3.2X
ARE    148.01  74 ePKP   35 20.00    3.7X
ZOBO   150.72  71 ePKPd  35 23.30    2.5X
        0.5s     15.58nm
LPB    150.87  71 ePKP   35 19.00   -1.8
CNCB   151.11  71 PKP    35 19.00   -2.3X
TPZ    152.51  81 ePKP   35 28.00    5.0X
SOB1   160.23   4 e(PKP)35 38.00    5.5X
     S.D. = 1.2  on  69 of  89 abs.

*  JUN  06, 1985  08h 44m 48.85± 2.17s
   37.494 S ±14.0km   73.086 W ±20.6km
   DEPTH =  33.0km  (normal)
   3.4mb (  1 obs.)  4.0Msz (  1 obs.)
 NEAR COAST OF CENTRAL CHILE          (135)

LNV      3.78  22 iPd    45 46.30    0.1
CHCH     4.07  30 eP     45 51.10    0.7
TACH     4.21  25 eP     45 53.00    0.6
PCH      4.40  29 iP     45 55.50    0.4
                 i(S)   47 20.00
SAN      4.49  27 eP     45 56.00   -0.4
RFA      4.62  55 ePd    46 01.60    3.3X
BACH     4.64  28 iPd    45 59.00    0.5
FCH      4.74  30 eP     46 01.00    0.8
PEL      4.76  25 iPd    46 00.00   -0.2
ROCH     4.82  21 iPd    46 00.50   -0.7
JACH     5.22  24 eP     46 05.50   -1.2
VBA      8.82  97 ePd    46 57.00    0.0
TPZ     16.42  15 P      48 52.00   13.3X
YJA     16.62  25 e(P)   48 40.00   -1.3
ARE     21.00   4 e(P)   49 32.00   -0.2
CNCB    21.09  14 P      49 38.00    4.6X
LPB     21.34  13 Pc     49 38.00    2.2
     Z  17s      0.51um          4.0MszX
                 LR     58 55.00
ZOBO    21.59  13 e(P)   49 37.90   -0.6
     Z  18s      0.52um          4.0Msz
                 LR     58 56.00
VAO     26.68  65 eP     50 27.70    0.9
SOB1    40.45  54 eP     52 24.60   -1.4
        1.0s      0.80nm          3.4mb
     S.D. = 1.0  on  17 of  20 abs.

%  JUN  06, 1985  09h 14m 54.85± 0.86s
   37.562 N ± 9.3km   30.154 E ± 7.7km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                               (366)

BCK      0.36 106 iPg    15 02.60    0.3
                 iSg    15 10.00
ELL      0.84 194 iPn    15 10.50   -0.6
YER      1.55 255 iPn    15 23.00    0.4
DST      2.37 330 iPn    15 33.60   -0.8
IZM      2.43 291 iPn    15 35.90    0.6
     S.D. = 0.9  on   5 of   5 abs.

&  JUN  06, 1985  11h 29m 36.90s
   31.940 N          115.730 W
   DEPTH =   6.0km  (geophysicist)
 BAJA CALIFORNIA                      ( 48)
     <PAS-P>. ML 3.1 (PAS).

EMX      0.42  83 iPc    29 44.30   -1.0
                 S      29 50.10
ENX      0.80 266 iPd    29 52.50   -0.2
                 S      30 04.30
PBX      0.86 257 iPd    29 54.00    0.2
CBX      0.87 295 iPd    29 53.90   -0.2
                 S      30 06.10
BAR      1.09 313 iPc    29 57.10   -0.6
                 iSc    30 11.30
GLA      1.35  34 eP     29 59.40   -2.7
SDW      2.89 337 eP     30 30 00    5.6
        7 abs. associated

   JUN  06, 1985  11h 40m 17.93± 0.23s
    3.775 S ± 3.6km  151.348 E ± 4.4km
   DEPTH =  10.0km  (geophysicist)
  5.6mb ( 16 obs.)  5.2Msz (  6 obs.)
 NEW IRELAND REGION                   (190)
     CENTROID, MOMENT TENSOR          (HRV)
     Data Used: GDSN
     L.P.B.: 12S, 21C
     Centroid Location:
     Origin Time        11:40:24.5 0 4
     Lat  3.86S 0.04 Lon 151.49E 0 05
     Dep  10.0 Fix Half-duration  2 4
     Moment Tensor; Scale 10**24 D-CM
       Mrr=-0.33 0.10  Mtt= 3.01 0.13
       Mff=-2.68 0.10  Mrt= 1.28 0.35
       Mrf=-0.29 0.28  Mtf= 0.98 0.11
      Principal Axes:
       T  Val=  3.56  Plg=18  Azm=352
       N       -0.61      69      136
       P       -2.95      12      258
     Best Double Couple:Mo=3.3*10**24
      NP1:Strike= 34 Dip=69 Slip= 176
      NP2:       126     86       21

RAB      0.92 117 iPd    40 34.60   -0.9
LAT      5.19 236 eP     41 39.00    1.5
MDG      5.74 255 eP     41 45.00   -0.3
LMG      6.01 212 iPd    41 49.00   -0.2
ALOA     6.55 188 e(P)   42 10.00   13.3X
PMG      6.98 216 iPc+   42 04.00    1.3
WEW      7.71 271 eP     42 15.00    2.0
HNR     10.22 124 e(P)   42 54.00    6.2X
                 e      44 42.00
CTA     16.96 197 iPc+   44 18.90    1.9
        1.5s    708.33nm          5.6mb
                 iS     47 33.00
GUA     18.35 340 eP     44 34.20   -0.1
        1.2s   1062.50nm          5.9mb
                 pP     44 41.50
GUMO    18.41 340 eP     44 34.80   -0.3
PVC     21.65 131 iPd    45 18.00    7.3X
MTN     21.92 245 eP     45 13.00   -0.4
RMQ     22.72 186 iPc    45 21.80    0.5
WB2     23.09 225 iPc    45 24.20   -0.7
                 eS     49 39.70
AAI     23.10 269 ePc    45 25.90    0.8
        1.0s    332.80nm          5.8mb
BRS     23.52 177 eP     45 22.00   -7.2X
                 e(PP)  45 48.00
                 eS     49 44.00
NOU     23.53 143 iPc    45 29.50    0.3
KNA     25.20 240 eP     45 45.00   -0.4
ASPA    25.98 219 iPc    45 52.30   -0.4
                 eS     50 25.00
KUPT    28.24 256 iPd    46 17.30    3.9X
        0.4s    200.90nm          6.3mb
STK     29.42 197 eP     46 22.00   -1.9
YOU     30.47 185 eP     46 48.50   15.2X
CAN     31.46 184 eP     46 52.00   10.0X
WBN     32.53 224 eP     46 50.00   -1.4
        0.8s     47.00nm          5.5mb
ADE     33.18 199 iPc    46 54.00   -2.9X
OCP     35.14 302 eP     47 19.00    5.0X
MBL     35.17 238 eP     47 14.00   -0.2
PPR     35.17 293 ePd    47 15.50    1.2
        1.0s     96.60nm          5.6mb
KKM     36.41 285 ePd    47 23.60   -1.4
BAG     36.43 304 eP     47 24.00   -1.2
                 eS     53 06.00
TRT     38.70 262 iPd    47 43.50   -0.6
MEK     38.74 231 eP     47 44.00   -0.3
TAU     39.13 185 eP     47 53.00    5.7X
ANP     40.83 316 e(P)   48 04.00    2.3
MAT     41.94 344 eP     48 07.00   -3.6X
        1.5s     58.33nm          5.1mb
     Z  20s      1.06um          4.7Msz
                 eS     54 20.00
SHK     41.96 337 eP     48 08.80   -2.0
KLB     41.97 225 eP     48 10.00   -0.9
MRWA    41.99 229 eP     48 11.00   -0.1
GNZ     42.36 149 eP     48 14.00    0.1
MNG     42.64 153 P      48 14.30   -2.6X
OZH     42.74 314 eP     48 21.00    3.7X
MSZ     43.26 163 P      48 22.00    0.8
MUN     43.29 226 eP     48 20.00   -1.6
HKC     44.63 307 eP     48 37.00    4.4X
SSE     45.05 322 eP     48 36.50    0.7
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06d 11h

	Z 24s	2.60um		5.1MszX	CLC	93.04 54 eP	53 41.00 7.6X
	N 26s	1.90um			MBC	93.47 14 eP	53 36.00 1.5
	E 24s	3.10um			GSC	93.67 55 eP	53 38.00 1.6
		iS	55 14.00		BAR	93.68 58 eP	53 41.00 4.6X
GZH	45.69 308	Pc	48 42.50	1.5	YKA	95.20 28 eP	53 44.90 2.2
		S	55 26.00		GLA	95.24 57 eP	53 51.00 7.4X
QIZ	46.70 301	eP	48 50.00	0.8	YKC	95.26 28 eP	53 44.00 1.0
		S	55 41.00		EDM	96.18 37 eP	53 47.50 0.0
NJ2	47.14 322	eP	48 53.00	0 6	BUL	118.99 245 ePKP	59 14.40 4.8X
		iS	55 47.00		BRG	121.06 330 ePKP	59 16.50 4.1X
KGM	48.35 276	ePc	49 02.40	0.2		Z 20s 1.00um	5.5Msz
WHN	49.12 317	eP	49 09.00	1.2		N 20s 0.50um	
		iS	56 16.00			E 20s 0.50um	
DL2	50.56 330	eP	49 19.90	1.2		e	01 41.00
		S	56 32.00		CLL	121.26 331 e(PKP)	59 20.00 7.2X
PPI	51.01 272	eP	49 21.00	-1.6		e	00 52.00
	0.9s	94.50nm	5.7mb		PRU	121.30 329 ePKP	59 17.50 4.6X
TIA	51.04 324	eP	49 22.00	-0.4		Z 20s 0.60um	5.2Msz
		eS	56 34.50			N 24s 0.30um	
SNG	51.79 282	eP	49 29.00	0.6		E 20s 0.30um	
SNY	51.94 334	Pc	49 28.00	-1.2	SKQ	121.40 318 e(PKP)	59 17.00 3.6X
		iS	56 54.00		OHR	122.21 317 e(PKP)	59 15.00 0.0
MDJ	51.97 340	eP	49 28.00	-1.3	KHC	122.32 329 PKP	59 20.00 5.0X
		eS	56 45.00			Z 20s 0.60um	5.2Msz
GYA	52.63 308	P	49 35.20	0.4		N 20s 0.50um	
		S	57 06.00			E 20s 0.50um	
CN2	52.78 337	Pc	49 34.00	-1.5		e	00 55.20
		PP	51 35.00		MOX	122.36 331 e(PKP)	59 22.00 7.1X
		S	57 01.50			e	00 56.00
		PS	57 20.00		WTS	123.64 334 ePKP	59 25.00 7.7X
LOE	53.29 295	eP	49 38.00	-1.6		1.2s 5.00nm	
NST	54.23 292	eP	49 45.70	-0.8	ENN	124.91 334 ePKP	59 27.00 7.2X
BJI	54.25 327	eP	49 45.00	-1.2		1.0s 10.00nm	
		eS	57 21.00		MEM	124.99 334 PKP	59 31.00 11.0X
TIY	54.84 322	eP	49 50.50	-0.3	CDF	125.95 331 ePKP	59 27.00 4.8X
		S	57 31.50		DOU	125.98 334 PKP	59 32.00 10.0X
KMI	55.22 304	Pc	49 55.00	1.0		Z 18s 0.80um	5.4Msz
		sP	50 09.00		BSF	126.59 331 ePKP	59 28.40 5.0X
		eS	57 40.00			1.1s 18.00nm	
		S	57 45.00		HAU	126.68 331 ePKP	59 28.40 4.9X
KHT	55.42 291	eP	49 56.10	0.9	LOR	128.39 332 ePKP	59 31.90 5.2X
CHG	56.24 295	iPd	50 01.60	0.4	LBF	128.54 332 ePKP	59 32.30 5.3X
	1.1s	63.29nm	5.6mb			1.6s 19.50nm	
		eS	58 02.00		SSF	128.70 332 ePKP	59 32.60 5.3X
CHTO	56.24 295	iP	50 01.50	0.3		1.4s 19.10nm	
	1.3s	79.25nm	5.6mb		SMF	128.85 332 ePKP	59 33.00 5.4X
	Z 19s	0.35um	4.5Msz			1.5s 26.10nm	
CD2	56.98 311	P	50 06.40	0.1	CVF	128.96 325 ePKP	59 33.00 5.0X
		S	58 04.00			1.4s 21.70nm	
HHC	57.38 325	eP	50 08.50	-0.5	AVF	128.97 332 ePKP	59 33.20 5.4X
		S	58 09.00		LDF	129.12 336 ePKP	59 33.50 5.5X
BTO	58.12 324	P	50 13.40	-0.8	FLN	129.13 336 ePKP	59 33.30 5.3X
LZH	59.49 316	Pc	50 24.00	0.0	BGF	129.38 332 ePKP	59 34.10 5.5X
	1.5s	73.00nm	5.6mb		FRF	129.57 327 ePKP	59 34.40 5.4X
ADK	61.75 22	eP	50 38.00	-0.8	GRR	129.58 336 ePKP	59 34.70 5.8X
DRV	63.27 185	e(P)	50 48.00	-0.7	MZF	129.76 332 ePKP	59 35.10 5.8X
GTA	63.93 318	P	50 54.00	0.3		1.4s 9.60nm	
		S	59 32.00		LMR	129.79 327 ePKP	59 34.70 5.2X
SHL	64.54 301	iP	50 58.00	0.0		1.5s 32.80nm	
		iS	59 40.00		LRG	129.79 327 ePKP	59 34.80 5.4X
LSA	66.47 305	P	51 10.40	-0.3		0.9s 11.60nm	
		S	00 04.00		TCF	129.88 332 ePKP	59 34.80 5.2X
PKI	70.67 301	eP	51 36.20	-0.5		1.4s 16.10nm	
	1.1s	64.00nm	5.7mb		LPF	129.94 336 ePKP	59 35.20 5.6X
KKN	70.84 301	eP	51 37.60	0.0		1.5s 23.20nm	
	0.7s	42.00nm	5.7mb		LSF	130.22 333 ePKP	59 35.30 5.1X
DMN	70.94 301	eP	51 38.40	0.2	MFF	130.69 334 ePKP	59 36.70 5.6X
	0.8s	35.00nm	5.5mb		CAF	130.95 331 ePKP	59 37.50 5.8X
WMO	74.01 318	P	51 56.50	0.7	LPO	131.55 332 ePKP	59 39.00 6.2X
		S	01 30.50		LFF	131.57 332 ePKP	59 38.60 5.8X
SBA	74.47 177	iPd	51 58.60	0.8	BNG	132.92 273 ePKPc	59 36.00 -0.3
	2.0s	100.00nm	5.5mb			0.8s 12.00nm	
HYB	74.79 289	eP	52 06.00	5.2X		id	59 42.80
KOD	74.86 282	eP	52 02.00	0.4		ic	02 09.20
GBA	75.31 285	Pd	52 02.40	-1.3	BCAO	132.94 273 ePKP	59 35.80 -0.5
	1.2s	21.40nm	5.1mb			0.9s 4.90nm	
TTA	77.36 22	eP	52 14.50	0.0	TPZ	133.44 124 ePKP	59 50.00 12.5X
NDI	77.97 300	eP	52 18.00	-0.4	CNCB	136.10 119 ePKP	59 37.00 -5.9X
PMR	79.36 25	eP	52 24.60	-0.7	LPB	136.10 118 ePKP	59 42.00 -0.8
IMA	79.98 20	eP	52 29.50	0.7		LR	45 10.00
FBA	81.48 22	eP	52 35.00	-1.6	ZOBO	136.19 118 PKPc	59 43.70 0.6
SPA	86.25 180	e(P)	53 00.80	-0.2		LR	45 40.00
INK	88.03 21	eP	53 10.00	0.7	VAO	147.94 147 ePKP	00 04.70 1.8X
PNT	92.20 41	eP	53 35.00	5.8X		e	00 13.10
ISA	92.32 55	eP	53 47.00	16.9X	BAO	152.83 136 ePKP	00 17.10 6.6X
PAS	92.49 56	eP	53 32.00	1.1		S.D. = 1.0 on 87 of 147 obs.	
SBB	92.80 56	eP	53 40.00	7.6X			

* JUN 06, 1985 13h 08m 42.82± 0.79s
35.901 N ±19.9km 31.523 E ±14.5km
DEPTH = 45.9 ± 13.3 km
4.9mb (1 obs.)
CYPRUS (372)

ELL	1.55 303	iPn	09 09.50	0.9	
BCK	1.73 335	ePg	09 10.60	-0.4	
CSS	1.75 122	eP	09 11.00	-0.2	
		eS	18 26.50		
YER	2.89 296	iPn	09 28.20	0.7	
BHL	3.94 119	Pn	09 42.00	-0.4	
		Sn	10 33.00		
IZM	4.22 307	iPn	09 44.90	-1.4	
DST	4.35 329	ePn	09 50.90	2.7X	
GPA	4.48 348	iPn	09 54.50	4.5X	
KGT	5.63 325	ePn	10 07.00	0.9	
VRI	10.60 341	eP	11 20.00	5.1X	
KHC	18.64 321	P	12 58.50	-0.5	
MOX	20.58 322	eP	13 19.50	-0.6	
DMN	45.83 85	eP	17 03.20	0.8	
KKN	45.89 84	eP	17 03.20	0.3	
	0.5s	8.00nm	4.9mb		
	S.D. = 0.9	on 11 of 14 obs.			

* JUN 06, 1985 13h 31m 28.79± 1.67s
24.203 N ± 8.2km 121.852 E ±17.2km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD	0.26 243	iPd	31 33.50	-0.9	
		eS	31 37.50		
TWC	0.40 360	iPd	31 37.40	0.3	
		eS	31 44.00		
TATO	0.84 337	eP	31 45.00	0.1	
TWZ	0.92 344	iPc	31 47.30	0.9	
TWQ	0.93 275	iPd	31 46.50	-0.1	
		eS	31 59.50		
ANP	1.02 343	iPc	31 49.30	1.1	
	0.8s 1074.63nm				
		eS	31 59.60		
TWG	1.55 208	ePc	31 57.20	0.7	
TWK	1.56 234	iPd	31 57.00	0.4	
SSE	6.89 355	eP	33 09.80	-2.5	
		e(Lg)	35 19.50		
	S.D. = 1.3	on 9 of 9 obs.			

JUN 06, 1985 14h 27m 54.39± 0.23s
31.261 S ± 6.6km 177.824 W ± 5.0km
DEPTH = 33.0km (normal)
5.3mb (17 obs.) 5.2Msz (5 obs.)
KERMADEC ISLANDS REGION (177)
Ms 5.5 (BRK).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 21C
Centroid Location:
Origin Time 14:27:59.1 1.0
Lat 31.03S 0.08 Lon 177.89W 0.11
Dep 33.0 5.6 Half-durotion 1.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.71 0.04 Mtt= 0.22 0.06
Mff=-0.94 0.06 Mrt= 0.22 0.10
Mrf= 1.01 0.19 Mtf=-0.10 0.07
Principal Axes:

T	Val= 1.22	Plg=64	Azm=291
N	0.22	5	190
P	-1.44	26	97

Best Double Couple:Mo=1.3*10**24
NP1:Strike=174 Dip=20 Slip= 74
NP2: 11 71 96

RAO	2.00 358	P	28 27.50	0.9	
		S	28 55.50		
GNZ	8.12 204	eP	29 46.00	-6.8X	
		S	31 21.00		
CRZ	8.59 246	P	30 03.20	3.8X	
		i	30 13.20		
MNG	10.79 208	P	30 20.20	-9.5X	
		S	32 19.00		
		ScP	36 19.00		
WEL	11.65 209	P	30 40.00	-1.3	
		S	32 37.00		
SNZO	11.69 209	e(P)	30 40.20	-1.7	
NDF	14.11 341	eP	31 14.10	0.1	
NOU	16.62 299	iPc	31 50.00	3.6X	
MSZ	17.45 216	P	31 53.10	-3.5X	

S 34 52.00
BRS 25.89 271 eP 33 32.00 7.0X
eS 38 44.00
COO 25.95 264 iPd 33 28.90 3.2X
CAN 27.95 253 eP 33 45.60 1.7
WAM 28.04 251 eP 33 45.20 0.6
YOU 28.50 255 eP 33 50.80 2.0
PAE 28.96 69 iP 33 51.60 -1.3
1.1s 60.00nm 5.2mb
PPT 29.01 69 iP 33 52.20 -1.3
1.1s 50.00nm 5.1mb
PPN 29.14 69 iP 33 53.10 -1.6
1.1s 60.00nm 5.2mb
RMQ 29.58 271 iPd 34 00.40 1.8
0.7s 231.00nm 6.0mb
TAU 29.93 237 iPc 34 02.10 0.6
TOO 30.77 248 eP 34 09.00 -0.1
CMS 30.95 260 eP 34 11.00 0.4
PMO 31.78 66 eP 34 16.00 -2.0
1.1s 60.00nm 5.4mb
epP 34 30.00 56kmX
VAH 31.86 67 eP 34 16.00 -2.7
1.1s 55.00nm 5.4mb
epP 34 30.00 56kmX
RUV 32.08 67 eP 34 18.00 -2.6
1.1s 45.00nm 5.3mb
epP 34 32.00 56kmX
CTA 34.09 280 iPc+ 34 38.30 0.2
0.7s 99.32nm 5.9mb
Z 18s 4.81um 5.3Msz
iS 40 05.00
iScP 41 01.00
STK 34.44 258 iPd 34 42.10 1.1
epP 34 53.00 39kmX
ALOA 36.10 298 eP 34 55.00 -0.3
ADE 36.38 252 iPc 34 57.20 -0.4
1.2s 53.13nm 5.3mb
LAT 41.00 299 eP 35 35.00 -1.1
MDG 42.83 300 eP 35 52.00 0.9
ASPA 43.22 268 iPc 35 54.10 -0.2
0.9s 191.00nm 5.8mb
epP 36 06.00 43kmX
eScP 41 35.00
eS 41 55.00
DRV 43.41 203 eP 35 56.00 0.8
SBA 47.19 184 iPd 36 28.30 3.1X
1.0s 20.00nm 5.1mb
WBN 48.61 261 eP 36 35.00 -2.0
KNA 50.89 275 eP 36 53.00 -1.5
KLG 51.43 254 eP 36 58.00 -0.5
KLB 54.21 252 eP 37 17.00 -2.1
MEK 55.21 258 eP 37 24.00 -2.6
MUN 55.35 251 iPc 37 27.90 0.4
MBL 56.20 264 eP 37 30.00 -3.7X
SPA 58.91 180 iPd 37 53.80 1.3
1.2s 43.66nm 5.5mb
e 38 02.50
e 38 18.10
NAU 59.32 261 eP 37 53.00 -2.6
MAW 71.56 201 eP 39 14.00 0.3
OCP 74.28 298 eP 39 33.00 2.6X
BAG 75.76 299 eP 39 38.00 -1.1
MAT 79.03 325 eP 39 55.00 -1.7
Z 20s 0.35um 4.7Msz
eS 50 04.00
KGM 81.53 278 eP 40 10.00 -0.4
IPM 84.81 278 ePd 40 27.10 -0.1
e 43 16.10
SYP 85.13 45 eP 40 21.00 -7.5X
PRS 85.55 42 eP 40 31.50 1.1
TACH 85.56 127 eP 40 32.00 1.2
PSI 85.62 276 eP 40 31.00 -0.2
GCC 85.68 42 eP 40 31.70 0.7
PRI 85.83 43 e(P) 40 33.00 1.0
e 40 45.50
PCH 85.87 127 iP 40 33.50 1.1
ROCH 85.90 126 eP 40 33.40 0.7
BAR 85.93 48 eP 40 33.00 0.6
PAS 85.97 46 eP 40 33.00 0.5
PEL 86.03 127 ePd 40 34.30 1.2
BACH 86.04 127 eP 40 33.80 0.6
MWC 86.09 46 eP 40 33.00 -0.4
MHC 86.10 42 eP 40 34.20 0.9
BKS 86.14 41 eP 40 34.60 1.3
1.0s 39.00nm 5.6mb
Z 20s 2.30um 5.6Msz
N 20s 1.40um
E 20s 1.10um
e 40 40.80
e 40 46.10
eLR 07 26.00
ISA 86.80 45 eP 40 38.00 1.3
FRI 86.97 43 eP 40 37.60 0.3
e 40 50.70
JAS1 87.21 42 eP 40 38.50 0.0
e 40 51.20
TPC 87.26 47 eP 40 40.00 1.1
GLA 87.35 49 eP 40 40.00 0.7
CLC 87.43 45 eP 40 40.00 0.3
GSC 87.57 46 eP 40 41.00 0.6
ORV 87.73 40 eP 40 41.20 0.2
WDC 87.89 39 eP 40 42.10 0.4
MNA 88.85 43 eP 40 47.00 0.4
e 40 59.00
BMN 90.73 42 eP 40 55.10 -0.2
1.4s 10.00nm 5.0mb
EUR 90.82 43 iP 40 56.00 0.2
0.5s 3.99nm 5.0mb
LOE 91.02 290 eP 41 02.00 5.1X
BJI 93.64 315 eP 41 03.50 -4.9X
ALO 93.99 51 eP 41 09.50 -1.0
1.0s 6.25nm 5.0mb
BDW 96.65 44 eP 41 22.10 -0.4
1.0s 1.80nm 4.5mb
CNCB 97.47 115 P 41 22.00 -5.3X
LPB 97.54 114 eP 41 22.00 -5.4X
LR 13 40.00
ZOBO 97.67 114 Pc 41 29.10 0.9
LR 13 40.00
SOB1 122.38 127 ePKP 46 48.30 -0.1
e 46 52.10
BUL 122.94 210 ePKP 46 53.90 4.5X
i 46 59.00
ITR 124.37 129 e(PKP)46 51.00 -1.3
e 47 05.40
MTD 124.51 215 ePKP 46 55.00 2.5X
i 47 03.00
QUE 125.05 287 ePKP 46 53.00 -0.4
KRI 125.40 213 ePKP 46 56.00 1.7
i 47 05.00
KEV 138.99 347 ePKP 47 19.00 0.7
SOD 141.06 345 ePKP 47 14.00 -8.1X
i 47 39.00
KJF 143.37 342 ePKP 47 22.00 -4.2X
0.7s 16.00nm
i 47 32.80
SUF 144.97 341 iPKP 47 26.70 -2.3X
0.7s 144.30nm
MSL 145.76 290 ePKP 47 30.80 -0.4
NUR 147.17 340 iPKP 47 33.80 1.1
1.0s 130.00nm
Z 21s 0.30um 5.1Msz
i 47 42.80
LR 52 00.00
RTB 147.79 284 iPKPd 47 38.50 4.0X
BNG 149.19 213 iPKPd 47 41.60 4.2X
1.0s 24.00nm
id 53 18.50
BCAO 149.19 213 ePKP 47 41.60 4.2X
1.0s 24.50nm
UPP 149.58 345 iPKP 47 40.50 4.0X
i 47 45.10
NB2 149.62 351 PKP 47 39.80 3.2X
0.9s 34.70nm
HFS 150.11 348 ePKP 47 41.30 4.0X
0.7s 13.20nm
KONO 151.17 352 ePKP 47 44.80 5.9X
HRI 151.61 283 ePKP 47 47.00 6.4X
BHL 151.74 284 PKP 47 47.00 6.3X
JER 151.90 280 iPKPd 47 45.50 4.5X
KIC 154.39 164 ePKP 47 56.10 11.2X
MLR 156.68 314 ePKP 47 58.00 10.8X
KSP 157.80 336 ePKP 47 57.50 9.3X
i 48 21.00
CLL 158.42 341 iPKPd 48 06.30 17.4X
1.4s 17.00nm
i 48 23.10
BRG 158.54 339 ePKP 47 42.50 -6.5X
e 48 01.50
i 48 24.30
CLO 158.79 316 ePKP 47 53.00 3.5X
PRU 159.12 337 ePKP 48 04.50 14.8X
Z 20s 0.50um 5.4Msz
e 48 27.00
e 48 57.10
KHC 160.18 337 PKP 47 59.10 8.2X
e 48 31.50
VAY 160.78 307 ePKP 47 50.00 -1.7
SKO 161.24 310 ePKP 47 54.00 1.8
GWF 161.83 348 ePKP 48 02.20 9.6X
KBA 162.02 335 e(PKP)48 00.00 7.0X
e 48 46.00
OHR 162.07 308 ePKP 47 52.40 -0.7
LJU 162.40 330 e(PKP)47 51.70 -1.5
e 48 04.20
S.D. = 1.2 on 78 of 118 obs.

* JUN 06, 1985 14h 40m 30.08± 0.51s
6.187 S ± 9.9km 105.530 E ±10.4km
DEPTH = 33.0km (normal)
4.6mb (2 obs.) 5.7Msz (1 obs.)
SUNDA STRAIT (276)

PPI 7.66 318 eP 42 22.50 0.3
KGM 8.44 345 eP 42 31.50 -1.6
PPR 20.60 40 eP 45 10.50 1.3
KNA 24.69 115 eP 45 50.00 0.4
BAG 26.94 33 eP 46 11.50 0.7
WB2 31.15 119 eP 46 47.20 -1.2
ASPA 32.34 125 eP 46 59.00 0.2
CTA 41.86 113 iPc 48 23.40 4.4X
1.0s 14.50nm 4.7mb
MHI 60.36 318 eP 50 33.00 -5.6X
SHI 62.08 308 eP 50 40.00 -10.5X
MTD 72.90 254 eP 51 59.00 0.5
BUL 75.63 251 iPc 52 14.30 -0.1
0.7s 3.77nm 4.5mb
SLR 75.87 245 eP 52 17.50 1.9
SBA 78.11 169 e(P) 52 26.20 -0.8
YKA 116.60 20 ePKP 59 15.30 3.2X
SOB1 143.21 246 ePKP 00 02.40 -1.3
e 00 05.00
TUL 144.53 31 ePKP 00 04.70 -0.6
0.9s 7.10nm
RLO 144.71 29 e(PKP)00 02.00 -3.6X
JCT 146.08 41 ePKP 00 07.00 -1.2
Z 18s 1.07um 5.7Msz
BHO 146.19 31 ePKP 00 09.50 1.4
S.D. = 1.2 on 15 of 20 obs.

* JUN 06, 1985 15h 35m 14.63± 0.49s
17.344 S ±16.8km 175.325 W ±15.5km
DEPTH = 33.0km (normal)
5.5mb (7 obs.)
TONGA ISLANDS (173)

AFI 4.83 46 P 36 20.00 -7.0X
S 37 04.00
NUE 5.41 109 P 36 22.70 -12.4X
S 37 09.00
PVC 15.61 266 iPd 39 11.00 17.1X
NOU 17.84 251 iPc 39 37.00 15.0X
GNZ 22.00 194 P 40 08.00 0.3
0.8s 136.00nm 5.4mb
WEL 25.34 198 (P) 40 25.00 -15.0X
(S) 43 45.00
e 49 51.00
CAN 36.39 234 eP 42 19.00 1.0
CTA 36.44 260 iPc 42 21.90 3.4X
0.9s 15.97nm 4.9mb
YOU 36.53 235 eP 42 18.40 -0.7
WAM 36.79 232 eP 42 22.60 1.4
CMS 37.86 241 eP 42 32.00 1.7
e 45 18.00
ADE 44.42 238 iPc 43 23.30 -1.0
WB2 47.61 259 iPc 43 51.20 1.5
ASPA 47.77 254 iPd 43 52.70 1.7
0.7s 146.00nm 6.1mb
eS 47 00.00
i 47 11.00
WBN 54.30 250 iPd 44 40.80 0.5
0.4s 16.00nm 5.4mb
KLG 58.58 244 iPc 45 10.00 -0.9
MBL 60.97 255 eP 45 27.00 -0.3
0.4s 20.00nm 5.6mb
MEK 61.44 249 iPc 45 29.80 -0.8
KLB 61.70 243 iPc 45 31.20 -1.1
NWAO 62.07 242 eP 45 33.00 -1.7
BAL 62.68 244 iPc 45 37.80 -0.9
MUN 62.99 243 iPc 45 40.10 -0.7
MRWA 63.42 246 eP 45 42.00 -1.7

06d 15h

NAU	64.73	253	eP	45 52.50	0.2
	0.5s	45.00nm			5.8mb
MAT	69.26	321	(P)	46 20.00	-0.6
SPA	72.77	180	iPd	46 36.40	-5.1X
	0.9s	14.55nm			5.0mb
IPM	85.31	276	ePc	47 51.50	1.3
WTS	145.39	358	ePKP	54 46.00	-4.6X
	1.0s	16.00nm			
CLL	145.47	351	iPKP	54 46.80	-4.0X
	1.0s	23.00nm			
BRG	145.74	350	iPKP	54 48.00	-3.3X
	1.0s	20.00nm			
MOX	146.31	352	ePKP	54 49.00	-3.3X
PRU	146.48	348	ePKP	54 50.50	-2.0
MEM	146.80	358	PKP	54 50.30	-2.6X
GRF	147.30	352	ePKP	54 53.00	-0.9
DOU	147.33	0	PKP	54 52.30	-1.6
KHC	147.48	349	iPKPd	54 53.50	-0.7
	1.0s	10.50nm			
FLN	148.38	7	ePKP	54 54.20	-1.4
GRR	148.71	7	ePKP	54 55.50	-0.6
CDF	148.94	357	ePKP	54 56.50	-0.1
LPF	149.04	7	ePKP	54 56.20	-0.4
HAU	149.39	358	ePKP	54 57.50	0.2
LOR	150.15	1	ePKP	54 59.10	0.7
SSF	150.35	2	ePKP	54 59.80	1.1
LBF	150.44	1	ePKP	54 59.80	0.9
AVF	150.62	2	ePKP	55 00.00	0.9
BGF	150.83	3	ePKP	55 00.60	1.2
LSF	151.06	5	ePKP	55 00.60	0.8
TCF	151.07	4	ePKP	55 01.00	1.2
MZF	151.16	3	ePKP	55 01.50	1.6

S.D. = 1.1 on 37 of 49 obs.

JUN 06, 1985 16h 53m 37.66± 0.51s
42.792 N ± 4.4km 144.763 E ± 4.9km
DEPTH = 62.5 ± 3.9 km
5.0mb (45 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (III JMA) at Kushiro, (II JMA) at Nemuro and Urakawa.

KUS	0.33	305	iPd	53 48.50	0.2
			iS	53 54.90	
NEM	0.81	48	iPc	53 53.60	0.1
			S	54 03.60	
OBI	1.14	277	Pd	53 59.00	1.1
			S	54 13.60	
ABJ	1.27	344	P	53 59.60	-0.1
			iS	54 14.90	
URA	1.60	247	eP	54 06.00	1.9
			iS	54 30.70	
ASA	2.00	300	Pd	54 10.80	1.1
			e	54 51.00	
SAP	2.53	277	Pd	54 19.30	2.1
			S	54 47.90	
TSK	7.49	210	eP	55 24.10	-2.5
MAT	8.03	221	iPc	55 34.10	0.0
			eS	57 03.00	
DDR	8.04	214	eP	55 33.40	-0.8
SRY	8.34	212	eP	55 37.40	-1.0
KYS	8.39	207	eP	55 37.70	-1.3
OYM	8.52	212	eP	55 40.00	-0.8
MDJ	11.14	285	eP	56 16.70	0.2
CN2	14.11	281	Pd	56 54.10	-1.6
SNY	15.70	274	Pd	57 15.70	-0.6
DL2	17.91	265	eP	57 43.00	-0.9
BJI	21.57	272	eP	58 22.00	-1.6
			eS	02 25.00	
SSE	22.99	246	eP	58 29.50	0.8
			i(S)	02 32.00	
TIA	22.26	262	eP	58 29.40	-1.0
NJ2	23.11	251	eP	58 39.40	0.6
HHC	24.73	277	eP	58 54.60	0.1
TIY	25.10	269	eP	58 58.70	0.7
BTO	25.93	277	Pc	59 04.80	-0.9
WHN	27.13	253	Pd	59 18.00	1.4
			pP	59 37.50	86kmX
XAN	29.23	265	Pc	59 35.00	-0.6
LZH	32.06	272	eP	00 00.50	-0.2
GTA	33.74	280	P	00 15.00	-0.2
			PcP	02 55.00	
CD2	34.57	264	P	00 22.70	0.4
GYA	34.99	255	P	00 26.40	0.4
KMI	38.60	257	Pc	00 57.50	0.9
			pP	01 17.00	81kmX
WMO	40.83	292	P	01 14.00	-0.6
CHG	45.34	253	iPc	01 52.80	1.5
	0.9s	18.91nm			5.0mb
CHTO	45.34	253	iP	01 52.90	1.6
	0.8s	14.64nm			4.9mb
			pP	02 13.50	85kmX
SHL	46.23	266	iP	01 58.00	-0.5
INK	48.12	30	ePc	02 12.00	-0.5
KKN	49.83	273	eP	02 26.40	-0.2
	0.7s	44.00nm			5.6mb
PKI	49.86	272	eP	02 26.60	-0.3
	0.7s	15.00nm			5.1mb
DMN	50.06	273	eP	02 28.40	0.1
	0.8s	25.00nm			5.3mb
KGM	54.89	234	ePc	03 06.10	1.9
NDI	55.23	279	eP	03 05.50	-1.0
PSI	57.05	239	eP	03 20.00	0.4
	0.7s	16.00nm			5.2mb
YKC	57.62	33	eP	03 22.00	-1.1
	0.6s	5.00nm			4.8mb
KEV	58.99	339	iP	03 31.20	-1.3
DAG	60.26	356	iPd	03 38.70	-2.5
	0.8s	10.45nm			5.0mb
HYB	61.00	267	eP	03 46.20	-0.8
OUE	61.76	286	eP	03 51.00	-1.2
PNT	62.31	47	eP	04 09.00	13.6X
	0.7s	9.00nm			
KJF	62.48	334	iP	03 54.60	-1.6
	0.7s	18.70nm			5.3mb
MHI	63.38	296	eP	04 03.00	0.2
SUF	64.01	333	iP	04 04.50	-1.8
	0.6s	18.60nm			5.2mb
GBA	64.27	265	Pc	04 07.80	-0.9
	0.6s	8.10nm			4.9mb
NUR	66.08	332	iP	04 18.00	-1.6
	0.5s	18.20nm			5.3mb
Z	26s	0.10um			3.9MszX
			LR	33 10.00	
ASPA	66.88	191	eP	04 27.00	1.8
FFC	67.50	35	iPc	04 28.70	-0.1
	0.7s	8.00nm			4.8mb
LRM	68.29	47	eP	04 34.70	0.5
			e	04 48.50	
NB2	69.85	338	P	04 41.90	-1.3
	0.7s	12.10nm			4.9mb
HFS	69.88	336	eP	04 41.90	-1.4
	0.6s	17.40nm			5.2mb
Z	19s	0.07um			3.9Msz
			LR	32 54.00	
FRB	70.57	15	ePc	04 46.10	-1.4
BDW	71.84	48	eP	04 56.00	0.2
	0.7s	2.58nm			4.3mb
			pP	05 10.30	50kmX
KSP	76.52	329	iPc	05 22.60	0.3
CLL	77.34	331	iPc	05 26.00	-0.8
	0.9s	27.00nm			5.2mb
			e	05 44.00	
BRG	77.36	331	iPc	05 26.50	-0.4
	1.0s	16.00nm			5.0mb
			e	05 46.00	
PRU	77.87	330	Pc	05 30.00	0.2
	0.8s	13.80nm			5.0mb
			e	05 47.20	
MOX	78.38	332	eP	05 32.50	-0.1
EKA	78.52	342	Pc	05 32.80	-0.4
	0.5s	5.30nm			4.7mb
WTS	78.81	335	iPc	05 34.50	-0.4
	0.8s	15.00nm			5.0mb
KHC	78.93	330	iPc	05 35.90	0.2
	0.7s	19.50nm			5.1mb
			e	05 53.00	
WET	79.18	330	iPc	05 38.60	1.6
	0.8s	9.00nm			4.8mb
GRF	79.32	331	iPc	05 38.30	0.6
	0.7s	18.00nm			5.1mb
ENN	80.16	335	iPc	05 41.80	-0.3
	0.7s	11.00nm			4.9mb
MEM	80.27	335	P	05 42.30	-0.4
BHG	80.36	329	iPd	05 34.40	-8.9X
	0.7s	12.00nm			4.9mb
FUR	80.58	331	eP	05 44.80	0.3
KBA	80.72	329	iPd	05 46.00	0.6
	0.7s	15.40nm			5.0mb
DOU	81.16	335	P	05 47.50	0.1
GWF	81.16	333	iPd	05 47.30	-0.2
VAY	81.38	320	eP	05 49.00	0.2
SKO	81.41	321	iP	05 49.40	0.5
CDF	81.76	333	eP	05 50.70	-0.1
	0.8s	10.70nm			4.9mb
HAU	82.43	333	eP	05 53.90	-0.2
BSF	82.43	333	eP	05 53.70	-0.6
FLN	83.84	338	iPc	06 01.90	0.6
LOR	83.88	334	iPc	06 01.40	-0.2
	0.9s	9.80nm			4.8mb
LDF	83.89	337	iPc	06 02.10	0.5
LBF	84.10	334	iPc	06 02.50	-0.2
	0.8s	6.20nm			4.7mb
SSF	84.18	335	iPc	06 03.00	-0.1
	0.9s	6.50nm			4.7mb
GRR	84.28	338	iPc	06 03.80	0.2
SMF	84.44	334	iPc	06 04.70	0.3
	0.8s	10.70nm			4.9mb
AVF	84.47	334	iPc	06 04.80	0.3
	0.8s	13.10nm			5.0mb
LPG	84.47	332	iPc	06 05.40	0.5
	0.9s	6.00nm			4.6mb
LTX	84.63	55	eP	06 07.70	1.9
	0.8s	1.75nm			4.2mb
			pP	06 21.80	48kmX
LPF	84.66	338	iPc	06 06.40	1.0
BGF	84.83	335	iPc	06 07.20	0.8
	0.7s	5.30nm			4.7mb
MZF	85.22	335	iPc	06 08.90	0.6
	0.7s	13.60nm			5.1mb
TCF	85.27	335	eP	06 08.90	0.3
LSF	85.52	335	iPc	06 10.30	0.5
	0.9s	9.00nm			4.9mb
MFF	85.70	337	iPc	06 11.40	0.7
	0.9s	7.80nm			4.8mb
RJF	86.37	335	eP	06 14.50	0.5
	0.7s	4.40nm			4.7mb
LRG	86.39	331	iPc	06 14.20	0.1
	0.8s	15.10nm			5.2mb
LMR	86.44	331	iPc	06 14.30	-0.1
	0.9s	18.10nm			5.2mb
CAF	86.54	334	iPc	06 16.00	1.1
	0.9s	14.70nm			5.1mb
LFF	86.94	335	eP	06 17.80	1.0
	0.9s	16.30nm			5.2mb
LPO	87.03	335	eP	06 18.20	1.0
	0.7s	5.20nm			4.8mb
BUL	122.45	272	iPKPd	12 28.30	0.7
	0.6s	3.00nm			
ITR	145.99	6	ePKP	13 11.80	0.4
	0.6s	7.60nm			
			e	13 27.10	
SOB1	146.18	10	ePKP	13 13.10	1.4
			e	13 14.60	
			e	13 16.70	
YJA	147.49	60	ePKPc	13 16.40	2.3X
BAO	150.81	26	PKPd	13 25.70	6.8X

S.D. = 1.0 on 105 of 109 obs.

JUN 06, 1985 17h 39m 21.01± 1.00s
40.211 N ± 9.9km 25.668 E ± 9.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.63	127	iPn	39 33.10	-0.6
KGT	1.27	79	iPn	39 43.70	-0.9
MFT	1.36	64	iPn	39 45.20	-0.8
KDZ	1.45	351	iP	39 47.00	-0.3
EDC	1.69	85	ePn	39 51.80	1.2
DIM	1.83	358	iP	39 54.00	1.2
MMB	2.01	314	iPc	39 54.00	-1.4
KCT	2.06	88	ePn	39 57.00	0.9
IZM	2.19	145	iPn	39 58.90	0.8
CTT	2.30	65	ePn	39 57.70	-1.9
DST	2.36	104	iPn	40 00.80	0.4
JMB	2.36	17	eP	40 04.00	3.7X
VAY	2.60	296	iPn	40 10.40	6.6X
PVL	2.96	353	eP	40 11.00	2.2
VTS	3.02	323	eP	40 09.00	-0.7

S.D. = 1.3 on 13 of 15 obs.

JUN 06, 1985 17h 42m 43.50± 1.20s
7.038 S ± 4.7km 128.145 E ± 8.1km
DEPTH = 33.6 ± 12.1 km
5.4mb (10 obs.) 4.5Msz (2 obs.)
BANDA SEA (280)

AAI	3.33	1	ePc	43 31.90	-2.6
			eS	44 07.00	
KUPT	5.45	235	ePc	44 06.50	1.9
	0.5s	480.00nm			6.3mb

			eS	45	10.50	
MTN	6.48	153	eP	44	19.00	0.0
KNA	8.68	176	iPd	44	47.90	-1.9
	0.5s	105.00nm			6.2mb	
			eS	46	22.00	
WB2	14.17	155	eP	45	58.30	-5.8X
			iS	48	29.80	
TRT	15.40	267	ePd	46	24.50	4.5X
MBL	16.18	209	eP	46	26.00	-4.1X
			eS	49	16.00	
ASPA	17.43	162	eP	46	42.00	-3.9X
			eS	49	52.00	
KKM	17.62	317	ePd	46	50.80	2.5
	1.2s	73.50nm			4.7mb	
PMG	18.96	98	eP	47	09.00	4.3X
WBN	19.06	184	eP	47	04.50	-1.3
PPR	19.16	331	ePc	47	09.50	2.5
NAU	19.65	217	eP	47	12.00	-0.6
			eS	50	50.00	
MOM	19.82	76	eP	47	15.00	0.6
MEK	21.50	204	iPc	47	31.10	-0.6
			eS	51	27.00	
CTA	21.83	128	eP	47	40.00	4.9X
	0.7s	13.70nm			4.5mb	
			iS	51	36.00	
OCP	22.65	342	eP	47	44.00	0.9
MAN	22.67	342	eP	47	46.00	2.7
KLG	24.44	194	eP	48	02.00	1.5
BAG	24.47	342	eP	48	02.00	1.0
			eS	52	25.00	
MRWA	24.86	206	eP	48	05.00	0.5
			eS	52	38.00	
BAL	25.78	203	eP	48	14.00	0.8
KLB	26.29	200	eP	48	18.00	0.2
KGM	26.36	289	ePd	48	19.00	0.4
MUN	27.20	203	iPd	48	27.30	1.2
NWAO	27.68	200	iPc	48	31.30	0.7
	0.5s	11.00nm			4.8mb	
Z	20s	0.50um			4.1Msz	
N	20s	0.50um				
E	20s	0.60um				
STK	27.72	155	eP	48	31.00	0.1
PPI	28.43	282	eP	48	36.50	-1.0
	1.0s	82.70nm			5.4mb	
RKG	28.80	199	eP	48	47.00	6.4X
IPM	29.42	292	ePc	48	45.50	-1.0
ADE	29.45	162	iPc	48	45.00	-1.5
PSI	30.73	287	ePd	48	57.50	-0.5
	0.7s	73.10nm			5.6mb	
YOU	32.92	148	eP	49	17.30	0.3
CAN	34.05	149	eP	49	28.10	1.3
WAM	34.67	150	eP	49	38.50	6.4X
KMI	40.42	323	Pc	50	21.50	0.8
MAT	44.36	12	eP	50	52.00	-0.5
	0.8s	120.15nm			5.8mb	
			eS	57	30.00	
CD2	44.38	330	P	50	52.40	-0.3
TIY	46.87	343	eP	51	12.00	-0.5
SHL	47.88	314	iP	51	20.50	-0.3
BJI	48 13	348	eP	51	22.00	-0.2
LZH	48.59	334	eP	51	26.00	-0.1
	1.5s	96.00nm			5.6mb	
CN2	50.66	357	eP	51	41.50	0.0
LSA	50.97	318	P	51	43.70	-1.0
MDJ	51.43	1	eP	51	47.30	-0.1
GTA	53.14	333	P	52	00.00	-0.5
KOD	53.30	288	eP	52	01.00	-1.3
GBA	54.36	292	Pc	52	07.80	-1.8
	1.0s	19.50nm			5.1mb	
HYB	54.69	297	eP	52	10.00	-2.1
NDI	60.56	308	eP	52	51.00	-2.3
WMO	62.44	328	P	53	05.50	-0.3
KSH	66.78	318	P	53	35.00	0.9
OUE	69.32	306	eP	53	49.00	-1.2
MHI	77.28	310	iPc	54	37.40	0.8
TPZ	147.20	150	PKPc	02	31.00	7.1X
YJA	148.04	156	ePKP	02	27.60	2.2X
ARE	149.62	140	ePKP	02	34.00	6.2X
CNCB	151.44	146	PKP	02	31.00	0.2
LPB	151.60	146	PKPc	02	38.50	7.6X
	1.0s	40.00nm				
ZOBO	151.79	145	ePKPc	02	33.30	1.9
	0.9s	15.14nm				
Z	22s	0.21um			4.9Msz	
		LR	09	10.00		

S.D. = 1.3 on 48 of 60 obs.

? JUN 06, 1985 18h 18m 18.89± 1.76s
34.929 N ±32.7km 32.563 E ±18.1km
DEPTH = 37.0 ± 15.2 km
4.6mb (3 obs.)
CYPRUS (372)
Felt in the Paphos-Limassol oreo.

CSS	0.63	87	eP	18	30.50	-0.9
			eS	18	38.00	
BHL	2.75	111	Pn	19	01.50	-0.2
			Sn	19	31.50	
ELL	2.82	311	iPn	19	06.50	3.8X
BCK	2.99	328	iPn	19	08.70	3.6X
YER	4.11	304	iPn	19	22.40	1.4
IZM	5.49	311	iPn	19	39.90	-0.5
DST	5.62	327	iPn	19	42.90	0.6
KHC	19.93	321	iP	22	49.00	-1.3
			e	23	23.50	
BRG	20.88	325	e(P)	22	58.00	-2.1
MOX	21.86	322	eP	23	14.00	4.0X
NUR	26.10	351	iP	23	53.00	2.3
	0.6s	14.30nm			4.7mb	
SUF	28.10	354	iP	24	08.00	-0.9
	0.3s	1.50nm			4.2mb	
KKN	45.15	84	eP	26	34.90	0.8
	0.6s	7.00nm			4.7mb	
PKI	45.34	84	eP	26	36.50	0.8

S.D. = 1.6 on 11 of 14 obs.

? JUN 06, 1985 20h 03m 27.92± 1.49s
52.756 N ±20.2km 159.473 E ±29.1km
DEPTH = 35.7km (3 depth phases)
4.8mb (12 obs.)
OFF EAST COAST OF KAMCHATKA (219)

MAT	22.04	231	(P)	08	20.00	-0.9
DAG	50.74	359	iPc	12	23.90	-1.7
	0.6s	8.00nm			4.9mb	
			i	12	35.00	39km
KEV	53.02	341	eP	12	54.00	11.2X
SOD	55.09	340	eP	12	58.00	-0.1
CHG	57.47	258	eP	13	16.00	0.3
CHTO	57.47	258	iP	13	16.00	0.4
	0.7s	4.76nm			4.7mb	
KJF	57.53	337	iP	13	15.50	0.0
	0.6s	14.30nm			5.2mb	
			i	13	26.40	37km
KKN	59.01	276	eP	13	26.60	0.0
	0.6s	14.00nm			5.3mb	
PKI	59.09	276	eP	13	27.30	0.0
	0.6s	5.00nm			4.8mb	
SUF	59.16	337	iP	13	26.90	-0.1
	0.5s	8.80nm			5.1mb	
NUR	61.44	336	iP	13	43.00	0.5
	0.6s	9.10nm			5.1mb	
NB2	63.76	343	P	13	57.60	-0.4
	0.8s	5.80nm			4.7mb	
HFS	64.15	342	eP	13	59.10	-1.4
	0.5s	3.00nm			4.6mb	
KHC	74.44	338	eP	15	03.50	-0.3
MEM	74.60	343	P	15	04.80	0.2
DOU	75.34	344	P	15	09.70	0.8
KBA	76.42	337	iPc	15	15.80	0.5
	0.9s	11.80nm			4.9mb	
			i	15	25.70	32km
CDF	76.47	341	eP	15	15.30	-0.1
LOR	78.20	343	eP	15	24.50	-0.4
SSF	78.46	343	eP	15	26.00	-0.3
AVF	78.75	344	eP	15	27.80	-0.1
	1.1s	7.60nm			4.6mb	
LPG	79.37	341	eP	15	32.60	0.9
	0.6s	6.20nm			4.6mb	
TCF	79.43	344	eP	15	31.60	-0.1
MZF	79.44	344	eP	15	31.90	0.2
LSF	79.58	345	eP	15	32.40	0.0
CAF	80.78	344	eP	15	39.50	0.6
LPO	81.16	345	eP	15	41.50	0.7
EPF	82.91	345	eP	15	50.80	0.8

S.D. = 0.6 on 27 of 28 obs.

& JUN 06, 1985 20h 25m 30.63s
59.330 N 152.368 W
DEPTH = 60.2km
SOUTHERN ALASKA (2)
<AGS-P>.

AUL	0.55	276	iP	25	42.70	-0.5
			iS	25	52.17	
AUH	0.55	274	eP	25	43.16	-0.2
BRLK	0.87	59	iP	25	46.58	-0.6
ILM	0.88	345	iP	25	46.82	-0.5
			eS	25	58.48	
RDT	1.25	359	iP	25	51.76	-0.5
			iS	26	09.18	
NKA	1.53	21	iP	25	57.53	1.5
KDC	1.59	182	eP	25	54.42	-2.4
SLKM	1.60	42	eP	25	56.17	-0.9
SEW	1.67	61	eP	25	56.96	-1.0
SPU	1.86	5	iP	26	00.51	-0.3
			iS	26	24.28	
MPA	1.91	51	eP	26	00.56	-0.8
CRP	1.95	3	eP	26	01.89	-0.1
CGLM	1.99	5	iP	26	02.54	0.0
PTE	2.28	46	eP	26	05.51	-0.9
SUA	2.29	20	eP	26	06.39	-0.4
PMS	2.38	35	eP	26	07.42	-0.5
			eS	26	35.86	
SVW	2.41	319	eP	26	06.88	-1.6
PWA	2.63	27	eP	26	10.87	-0.6
SKT	2.69	8	eP	26	11.57	-0.8
KNK	2.85	41	eP	26	13.00	-1.7
CFI	2.95	49	eP	26	13.87	-2.1
GHO	2.98	33	eP	26	15.50	-1.1
MSE	3.02	32	eP	26	15.49	-1.7
GLI	3.06	57	eP	26	14.73	-2.9
HIN	3.15	68	eP	26	17.10	-1.7
SML	3.19	37	iP	26	18.05	-1.4
FID	3.28	62	eP	26	17.27	-3.4
VZW	3.38	57	eP	26	19.84	-2.3
VLZ	3.51	56	eP	26	21.74	-2.1
SGAM	3.79	69	eP	26	25.49	-2.4
KLU	3.86	53	eP	26	26.65	-2.3
TOA	4.12	45	eP	26	31.27	-1.3
KMP	4.25	56	eP	26	31.98	-2.3
BALM	5.29	67	eP	26	45.37	-3.6

34 obs. associated

? JUN 06, 1985 21h 27m 15.65± 5.51s
31.281 S ±37.1km 68.766 W ±38.7km
DEPTH = 121.6 ± 32.8 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.21	188	iPd	27	33.20	0.1
			S	27	44.50	
RTLL	0.26	101	iPd	27	33.00	-0.2
			S	27	43.80	
CFA	0.56	126	iPd	27	34.30	-0.1
			S	27	46.50	
RTCV	0.61	161	iPd	27	35.00	0.2
			S	27	47.40	
RFA	3.49	176	ePc	28	09.20	-0.1
TCA	3.57	92	ePd	28	10.50	0.1
			S	28	48.30	

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

JUN 06, 1985 21h 31m 08.87± 0.98s
3.257 N ± 4.6km 78.575 W ± 5.5km
DEPTH = 34.3 ± 8.7 km
5.0mb (49 obs.) 4.2Msz (2 obs.)
SOUTH OF PANAMA (83)

PSO	2.40	149	eP	31	46.50	-0.5
CHN	3.40	60	eP	32	02.00	0.9
BOG	4.70	73	eP	32	22.00	2.4
			eS	33	22.00	
UPA	5.77	351	ePc+	32	31.80	-2.6
	1.1s	124.05nm			5.4mb	
			i	33	36.00	
			LR	34	09.00	
BMG	6.66	55	eP	32	51.00	3.9X
SDV	9.67	54	eP	33	31.10	2.0
TOV	10.87	53	eP	33	26.80	-18.5X
CAR	13.62	57	eP	34	26.00	3.8X
GCM	16.17	350	eP	34	56.80	1.5
TRN	18.55	66	eP	35	22.90	-2.1
	1.0s	136.00nm			5.1mb	
SJG	19.13	39	iPd	35	32.00	-0.1
ARE	20.81	161	iPd	35	50.00	-0.3
	1.5s	222.22nm			5.3mb	
PBJ	21.10	309	iPc	35	53.00	0.0
ZOBO	21.98	152	iPc	36	00.50	-2.0
	0.7s	67.48nm			5.2mb	
		LR	43	23.00		

06d 21h

LPB 22.22 153 Pd 36 03.30 -1.4
1.2s 171.88nm 5.4mb
LR 44 45.00
CNCB 22.52 153 iP 36 06.70 -1.1
VHO 22.60 309 iPd 36 09.00 0.9
III 25.38 308 iPd 36 37.50 2.4
TPM 25.41 309 iPc 36 37.00 1.7
IIC 26.02 311 iPc 36 44.00 2.9
OXM 26.07 309 iPc 36 43.50 1.8
TPZ 26.40 159 Pd 36 55.30 10.7X
ATB 27.13 104 Pd 36 48.50 -2.5
ANT 27.95 164 iPKP 36 51.00 -7.3X
YJA 28.32 154 ePc 37 01.80 -0.4
SLA 30.58 156 ePc 37 22.20 0.1
JCT 33.70 326 eP 37 49.00 -0.2
1.0s 8.00nm 4.6mb
BLA 33.83 357 eP 37 50.80 0.6
1.3s 73.08nm 5.4mb
BHO 34.48 336 ePc 37 54.80 -1.0
1.5s 39.00nm 5.1mb
LTX 35.21 320 eP 38 02.80 0.5
1.5s 52.57nm 5.2mb
BAO 35.61 123 eP 38 03.30 -2.5
RLO 36.10 337 ePc 38 08.20 -1.4
TUL 36.18 336 eP 38 08.90 -1.3
0.8s 41.20nm 5.4mb
Z 20s 0.39um 4.2Msz
e 38 18.50
FVM 36.23 344 eP 38 08.30 -2.3
1.1s 69.51nm 5.5mb
JACH 36.53 169 eP 38 14.40 1.1
OCO 36.57 334 e(P) 38 11.30 -2.2
ROCH 36.74 169 ePd 38 15.60 0.4
TCA 36.89 160 ePd 38 16.00 -0.3
PEL 36.96 169 eP 38 17.30 0.4
BACH 37.20 169 eP 38 20.00 1.1
FCH 37.22 168 iPc 38 21.00 1.6
TACH 37.41 169 eP 38 14.40 -6.2X
LNV 37.62 170 ePd 38 23.00 0.7
SOB1 39.54 109 eP 38 37.40 -1.3
e 38 40.30
e 38 48.40
VAO 40.40 132 e(P) 38 49.00 3.3X
ALQ 40.78 324 eP 38 49.80 0.9
1.1s 28.48nm 4.9mb
e 38 59.30
RSNY 41.28 4 eP 38 53.50 1.0
1.3s 37.10nm 5.0mb
ITR 41.77 107 eP 38 40.10 -16.9X
0.9s 8.20nm
e 39 01.80
OTT 42.04 3 eP 38 59.50 0.7
MNT 42.30 5 iPd 39 02.00 1.1
1.2s 83.00nm 5.3mb
GLD 43.62 330 eP 39 13.00 1.0
GOL 43.66 330 eP 39 12.10 -0.3
1.4s 13.05nm 4.5mb
GLA 45.02 315 eP 39 24.00 0.7
LHC 45.92 350 eP 39 28.50 -1.5
pP 39 38.50 33kmX
BAR 46.14 314 eP 39 18.00 -14.1X
TPC 46.45 316 eP 39 35.00 0.4
RSSD 46.50 335 eP 39 34.90 -0.1
1.4s 94.34nm 5.6mb
BDW 48.06 329 eP 39 46.10 -1.2
1.5s 28.57nm 5.1mb
RSON 49.12 347 eP 39 52.60 -2.4
1.0s 14.00nm 4.9mb
SYP 49.45 314 eP 40 08.00 10.0X
MNA 50.26 319 ePc 40 04.50 0.3
BMN 50.83 322 eP 40 08.00 -0.5
1.5s 37.88nm 5.2mb
pP 40 17.80 33kmX
JAS1 51.49 318 e(P) 40 13.60 0.2
LRM 51.68 330 eP 40 14.40 -0.6
SCH 52.29 9 eP 40 19.00 -0.2
ORV 53.06 319 ePc 40 25.00 -0.1
FFC 54.73 344 eP 40 35.00 -2.1
1.4s 35.00nm 5.2mb
NEW 55.68 330 eP 40 43.00 -1.2
EDM 57.44 336 iPc 40 54.60 -2.0
PNT 57.63 329 eP 40 58.00 0.0
FRB 60.80 5 eP 41 17.00 -2.6
YKC 64.81 342 eP 41 44.00 -2.2
KIC 73.59 84 eP 42 40.30 -0.9
(PcP) 42 47.30
INK 74.58 342 eP 42 45.00 -0.9

TOL 76.05 50 eP 42 56.00 1.1
MBC 76.37 351 eP 42 54.00 -1.9
LGR 77.54 47 eP 43 02.00 -1.1
LPF 79.25 42 eP 43 12.60 0.3
GRR 79.42 41 eP 43 13.60 0.4
1.2s 13.70nm 4.8mb
ALE 79.50 2 eP 43 12.00 -1.1
0.9s 7.00nm 4.7mb
EPF 79.68 47 eP 43 15.50 0.6
1.3s 19.40nm 4.9mb
MFF 79.69 43 eP 43 15.10 0.3
1.1s 14.60nm 4.9mb
FLN 79.71 41 eP 43 15.10 0.3
0.9s 9.80nm 4.8mb
LDF 79.93 41 eP 43 16.30 0.3
1.0s 12.00nm 4.8mb
LFF 80.14 45 eP 43 17.40 0.2
1.1s 15.30nm 4.9mb
LPO 80.44 45 eP 43 18.90 0.1
1.2s 17.80nm 4.9mb
RJF 80.72 45 eP 43 20.30 0.0
1.1s 14.60nm 4.9mb
LSF 80.81 44 eP 43 20.70 -0.1
1.3s 18.00nm 4.9mb
CAF 81.08 45 eP 43 22.30 0.1
1.3s 21.60nm 5.0mb
TCF 81.28 44 eP 43 23.00 -0.3
1.1s 7.60nm 4.6mb
MZF 81.54 44 eP 43 24.60 0.0
1.2s 14.80nm 4.9mb
BGF 81.74 44 eP 43 25.50 -0.1
1.4s 25.10nm 5.0mb
GRC 81.95 43 iPc 43 27.50 0.9
i 43 31.40
AVF 82.11 43 eP 43 27.30 -0.2
1.0s 8.30nm 4.7mb
SSF 82.23 43 eP 43 27.60 -0.5
1.1s 8.30nm 4.7mb
SMF 82.43 44 eP 43 29.00 -0.2
1.3s 18.00nm 5.0mb
LOR 82.48 43 eP 43 29 10 -0.4
1.1s 7.30nm 4.7mb
LBF 82.55 43 eP 43 29.40 -0.4
DOU 83.13 40 P 43 33.70 1.0
S 53 57.00
CDR 83.67 47 ePd 43 34.30 -1.3
ENN 84.01 39 eP 43 35.50 -1.6
0.7s 6.00nm 4.9mb
MEM 84.06 40 P 43 42.70 5.4X
LRG 84.10 47 eP 43 38.20 0.5
1.3s 33.00nm 5.3mb
WLF 84.12 41 P 43 38.50 0.8
HAU 84.19 42 eP 43 38.30 0.1
LMR 84.20 47 eP 43 38.70 0.4
1.2s 13.20nm 5.0mb
FRF 84.31 47 eP 43 39.30 0.5
1.2s 27.20nm 5.3mb
LPG 84.41 45 eP 43 41.00 1.3
1.1s 7.60nm 4.8mb
BSF 84.49 42 eP 43 39.70 -0.1
WTS 84.60 38 eP 43 41.50 1.4
0.7s 7.00nm 4.9mb
CDF 84.82 42 eP 43 41.60 0.2
GWF 85.06 41 eP 43 43.20 0.7
CVF 85.93 48 eP 43 47.40 0.4
1.1s 12.20nm 5.0mb
NB2 87.07 29 P 43 53.40 1.2
1.1s 12.10nm 5.0mb
GRF 87.41 41 eP 43 55.70 1.7
Z 19s 0.10um 4.2Msz
MOX 87.63 40 eP 43 57.00 2.0
CLL 88.47 39 eP 44 00.00 1.0
KBA 88.95 43 e(P) 44 00.00 -1.7
KHC 88.97 41 P 44 04.80 3.2X
e 44 15.00
BRG 89.09 39 eP 44 04.30 2.3
1.8s 24.00nm 5.2mb
VOY 89.40 44 eP 44 05.60 1.9
PRU 89.54 40 eP 44 05.00 0.9
LJU 89.84 44 e(P) 44 08.00 2.3
ZST 91.38 42 eP 44 19.60 6.9X
SPA 93.23 180 eP 44 22.10 1.1
1.0s 13.50nm 5.3mb
CLO 95.72 44 eP 44 36.00 3.2X
BNG 96.84 85 ePc 44 45.00 6.6X
1.0s 7.00nm 5.1mb
TIY 137.98 347 PKP 50 41.50 9.0X

WB2 143.85 240 iPKPc 50 40.20 -3.0X
WRA 143.86 240 PKPd 50 39.90 -3.4X
0.4s 9.20nm
WHN 144.19 341 PKP 50 48.00 4.5X
HYB 149.48 47 ePKP 50 56.50 4.0X
GBA 150.89 54 PKPc 51 00.90 6.3X
0.5s 12.30nm
KMI 151.76 357 ePKP 51 02.00 6.0X
KOO 152.64 60 ePKP 51 02.00 4.4X
S.D. = 1.3 on 112 of 135 obs.

JUN 06, 1985 21h 47m 32.54± 0.31s
37.187 N ± 6.0km 131.272 E ± 4.3km
DEPTH = 497.1 ± 4.9 km
4.5mb (15 obs.)
SEA OF JAPAN (660)

SHK 2.88 156 iPd 48 43.30 0.2
eS 49 38.30
SEO 3.45 278 iPc 48 48.50 1.4
1.0s 960.00nm
MAT 5.60 95 iPd 49 06.10 0.3
eS 50 23.00
DDR 6.48 98 eP 49 14.70 0.2
S 50 35.30
SRY 6.64 101 eP 49 16.10 0.1
OYM 6.67 103 eP 49 16.20 -0.2
TSK 7.17 95 eP 49 18.80 -2.5
KYS 7.45 103 eP 49 22.80 -1.4
MDJ 7.53 351 eP 49 26.00 1.0
SNY 7.54 310 iPc 49 26.00 0.9
sP 50 49.00
S 50 57.00
DL2 7.80 286 P 49 28.10 0.2
sP 51 01.40
CN2 7.96 328 iPc 49 30.00 0.5
iS 51 05.00
SSE 10.33 237 iPd 49 55.10 0.6
1.0s 8.80nm 4.1mb
S 51 52.00
TIA 11.40 269 Pd 50 06.10 0.2
NJ2 11.44 247 iPd 50 07.00 0.8
BJI 12.15 288 eP 50 13.00 -0.7
eS 52 23.00
HHC 15.75 289 Pd 50 50.00 -0.7
BTO 16.89 288 eP 51 00.50 -1.5
XAN 18.44 267 Pd 51 16.80 -0.2
LZH 22.01 275 Pd 51 50.00 -0.7
1.5s 92.00nm 5.2mb
GYA 23.42 250 Pc 52 03.20 -0.3
CD2 23.59 263 P 52 04.40 -0.6
GTA 24.73 285 P 52 15.00 -0.2
KMI 27.11 252 Pd 52 35.00 -1.5
LOE 32.62 241 eP 53 22.00 -1.6
WMQ 33.49 295 P 53 31.00 0.2
CHG 33.68 246 iPd 53 33.60 1.0
0.9s 79.83nm 5.2mb
CHTO 33.68 246 iPd 53 33.70 1.1
0.7s 60.04nm 5.2mb
PKI 39.58 270 iPd 54 21.40 -0.2
0.7s 40.00nm 5.1mb
KKN 39.58 270 iPd 54 21.60 0.1
KGM 43.44 223 ePc 54 53.30 1.2
NDI 45.63 276 iPd 55 08.60 -0.5
LAT 46.02 158 iPd 55 12.80 0.7
HYB 50.14 262 eP 55 43.50 0.2
QUE 53.08 283 eP 56 04.50 -0.3
GBA 53.21 259 Pc 56 05.90 0.3
0.8s 33.20nm 4.7mb
MHI 56.19 293 eP 56 27.00 0.5
WRA 56.90 177 Pc 56 30.30 -1.0
0.2s 5.30nm 4.5mb
WB2 56.90 177 iPc 56 30.20 -1.1
CTA 58.69 163 iPc 56 43.20 -0.3
0.9s 17.65nm 4.5mb
KJF 62.66 331 iP 57 08.60 -0.6
0.5s 11.20nm 4.7mb
SUF 64.02 330 iP 57 16.90 -0.9
0.6s 5.40nm 4.4mb
NUR 65.80 329 iP 57 28.00 -1.0
0.9s 11.70nm 4.5mb
YKC 67.63 27 eP 57 41.00 0.7
HFS 70.37 332 eP 57 55.70 -1.0
0.5s 2.20nm 3.9mb
Z 16s 0.14um 4.3MszX
LR 17 35.00
NB2 70.67 333 P 57 57.80 -0.7

0.7s 2.30nm 3.8mb
YOU 72.86 165 eP 58 13.00 1.6
CAN 74.00 165 eP 58 19.40 1.5
CLL 76.64 325 iPc 58 32.70 0.4
FFC 77.70 28 iPc 58 39.20 1.2
0.7s 5.00nm 4.1mb
VAY 78.29 313 eP 58 41.60 0.2
ALQ 90.41 44 eP 59 44.00 2.6
1.2s 7 81nm 4.5mb
SOB1 151.26 344 ePKP 06 31.40 7.3X
e 06 34.90
e 06 41.30
LPB 153.23 45 ePKP 06 34.00 6.7X
CNCB 153.52 45 PKP 06 38.60 10.7X
S.D. = 1.0 on 52 of 55 obs.

? JUN 06, 1985 22h 33m 01.05± 9.99s
39.036 N ±75.2km 22.734 E ±23.3km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT 1.08 350 ePgc 33 21.00 -0.4
iSg 33 35.60
PAIG 1.15 39 ePg 33 22.90 0.3
eSg 33 36.10
OUR 1.62 36 ePb 33 29.10 -0.5
SOH 1.85 15 ePn 33 33.30 0.2
GRG 1.94 353 ePn 33 34.80 0.5
eSn 33 59.60
KNT 2.13 3 ePn 33 37.00 -0.1
S.D. = 0.5 on 6 of 6 obs.

? JUN 06, 1985 23h 12m 15.63± 4.20s
33.395 S ±14.7km 71.747 W ±37.9km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.63 153 iPc 12 28.00 0.0
iS 12 36.00
TACH 0.72 111 iPc 12 29.30 -0.1
iS 12 40.10
PEL 0.92 75 iPd 12 32.80 0.5
eS 12 45.00
JACH 1.20 54 iP 12 36.50 0.2
iS 12 51.10
FCH 1.22 87 iPd 12 37.20 0.4
iS 12 52.70
TCA 6.39 73 e(P) 13 49.00 -1.0
S 15 02.00
S.D. = 0.7 on 6 of 6 obs.

• JUN 06, 1985 23h 21m 39.25± 0.94s
52 800 N ±11.7km 159.084 E ±23.8km
DEPTH = 33.0km (normal)
4.8mb (5 obs.) 3.6Msz (1 obs.)
OFF EAST COAST OF KAMCHATKA (219)

MAT 21.89 230 (P) 26 30.00 -1.0
SOD 54.97 340 iP 31 08.80 0.0
CHTO 57.24 258 eP 31 26.90 1.2
0.6s 2.53nm 4.4mb
Z 22s 0.06um 3.6Msz
KJF 57.40 337 iP 31 26.10 -0.1
0.8s 14.70nm 5.1mb
SUF 59.03 337 iP 31 38.00 0.3
0.5s 4.10nm 4.8mb
NUR 61.31 336 iP 32 03.50 10.3X
0.6s 10.40nm
NB2 63.65 343 P 32 08.10 -0.8
0.7s 2.50nm 4.4mb
CLL 72.41 338 eP 33 03.00 -0.5
e 33 14.00
PRU 73.28 337 eP 33 09.00 0.3
e 33 20.00
KHC 74.31 337 P 33 14.80 0.1
e 33 26.50
KBA 76.29 337 iPc 33 26.40 0.2
1.0s 19.70nm 5.1mb
i 33 41.00
MNG 94.12 168 P 34 55.20 0.2
S.D. = 0.7 on 11 of 12 obs.

• JUN 06, 1985 23h 41m 26.51± 0.89s
38.793 N ±.7.8km 23.466 E ±10.8km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.0 (ATH).

ATH 0.84 166 iPgc 41 42.00 -0.8
eSg 41 53.00
PAIG 1.14 8 ePg 41 47.50 -0.4
eSg 42 03.40
LIT 1.51 330 ePgc 41 52.50 -1.1
OUR 1.59 14 ePb 41 54.10 -0.6
THE 1.88 348 ePnd 41 58.50 -0.4
KZN 2.00 320 ePb 42 02.00 1.2
PRK 2.23 77 ePg 42 11.00 6.9X
eSg 42 42.00
VLS 2.34 256 ePg 42 09.00 3.4X
KNT 2.41 350 ePnd 42 05.90 -0.6
EZN 2.45 64 ePn 42 08.70 1.6
VAY 2.62 345 iPn 42 08.70 -0.8
OHR 3.09 319 ePn 42 17.80 1.5
KGT 3.39 60 ePn 42 27.00 6.4X
SKO 3.53 335 ePn 42 27.50 5.0X
DST 4.09 77 ePn 42 35.00 4.5X
S.D. = 1.2 on 10 of 15 obs.

JUN 07, 1985 00h 44m 40.22± 0.66s
34.782 N ±10.3km 32.665 E ± 9.8km
DEPTH = 33.0km (normal)
CYPRUS (372)
ML 3.0 (CSS). Felt at Limassol
and Paphos.

CSS 0.58 72 eP 44 51.50 -0.4
eS 45 01.00
BHL 2.62 109 Pn 45 22.00 0.7
Sn 45 52.50
CRI 2.88 136 eP 45 25.00 0.1
eS 45 59.50
ELL 2.98 312 ePn 45 27.50 1.1
BCK 3.16 328 ePn 45 28.70 -0.1
JER 3.68 144 eP 45 35.00 -1.2
eS 46 17.00
DOR 3.68 152 eP 45 36.90 0.7
YER 4.26 305 iPn 45 43.50 -1.0
S.D. = 1.0 on 8 of 8 obs.

JUN 07, 1985 00h 53m 15.57± 0.96s
28.835 N ± 5.1km 140.475 E ± 3.6km
DEPTH = 14.5 ± 6.0 km
5.0mb (20 obs.)
BONIN ISLANDS REGION (212)

CBI 2.30 139 eP 53 52.00 -1.5
SHK 8.74 312 eP 55 25.30 1.0
GUMO 15.71 164 eP 56 58.50 0.5
1.3s 640.52nm 5.7mb
GUA 15.77 164 eP 56 58.50 -0.3
1.0s 304.00nm 5.4mb
SSE 16.87 282 P+ 57 13.00 0.4
Z 26s 3.20um
N 10s 0.50um
E 10s 0.70um
eS 00 30.00
sS 00 39.00
MDJ 17.98 334 eP 57 28.50 2.1
eS 00 40.00
DL2 18.56 308 P 57 34.00 0.3
sP 57 49.00
NJ2 18.91 285 Pc 57 40.00 2.0
TIA 20.99 296 Pc 58 01.20 0.5
ePP 58 23.00
eS 01 54.00
BAG 22.10 240 eP 58 12.20 0.0
WHN 22.75 281 eP 58 19.00 0.7
pP 58 28.50 35kmX
OCP 22.85 236 eP 58 23.00 3.6X
BJI 22.88 306 eP 58 18.50 -1.0
eS 02 30.00
HKC 24.57 261 eP 58 42.00 5.9X
eS 03 13.00
TIY 24.99 298 P 58 40.00 -0.1
GZH 25.03 263 eP 58 44.00 3.5X
HHC 26.46 305 eP 58 53.20 -0.7
S 03 20.00
BTO 27.51 303 eP 59 02.00 -1.5
PPR 27.85 231 ePc 59 08.50 1.9
OIZ 29.58 258 eP 59 23.00 0.8
eS 04 15.00
GYA 29.99 274 e(P) 59 29.80 3.8X
S 04 30.00
LZH 31.60 293 eP 59 40.50 0.3
CD2 31.82 283 eP 59 40.80 -1.2

S 04 55.00
KMI 33.74 273 eP 00 00.00 1.0
E 16s 1.30um
eS 05 20.50
GTA 35.01 298 P 00 08.80 -0.9
eS 05 39.50
LOE 37.25 261 eP 00 30.00 1.4
CHG 39.11 265 iPc 00 43.40 -0.9
0.6s 7.00nm 4.5mb
CHTO 39.11 265 eP 00 43.00 -1.2
1.2s 14.58nm 4.5mb
pP 00 52.30 31kmX
LSA 42.77 284 eP 01 17.40 2.6
SHL 43.11 278 iP 01 16.00 -1.3
iS 07 44.00
WMO 44.34 304 Pc 01 26.00 -0.9
PSI 47.29 244 ePc 01 50.90 0.4
1.1s 29.10nm 5.3mb
PPI 48.12 240 eP 01 58.50 1.4
PKI 48.17 282 eP 01 56.80 -1.8
0.8s 15.00nm 5.1mb
KKN 48.23 283 eP 01 57.10 -1.8
0.9s 51.00nm 5.6mb
CTA 48.96 173 iPc 02 02.40 -0.9
0.8s 14.18nm 5.1mb
ASPA 52.58 188 eP 02 30.00 -0.9
eS 10 05.00
TTA 52.72 31 eP 02 32.30 0.6
KSH 53.40 300 eP 02 36.00 -1.1
KDC 53.94 38 eP 02 41.00 0.5
IMA 54.23 27 eP 02 43.20 0.4
NDI 54.83 286 eP 02 46.00 -1.5
PMR 55.79 33 eP 02 53.20 -0.8
FBA 56.55 29 eP 02 59.60 0.2
NOU 56.68 151 IPc 03 00.50 -0.3
HYB 57.52 273 eP 03 08.00 1.0
GBA 60.07 270 P 03 25.00 0.3
1.2s 26.90nm 5.3mb
KOD 61.53 266 eP 03 36.00 0.9
INK 62.10 25 eP 03 37.00 -0.7
MBC 64.61 15 eP 03 54.00 -0.2
MHI 66.80 300 eP 04 10.00 1.1
ALE 68.34 3 eP 04 17.00 -0.8
0.9s 7.00nm 4.8mb
YKA 71.33 28 eP 04 36.20 -0.1
YKC 71.39 28 eP 04 36.00 -0.7
0.8s 10.00nm 5.0mb
SOD 72.23 338 eP 04 36.00 -5.6X
KJF 73.57 335 eP 04 49.00 -0.5
DAG 73.86 355 iPd 04 50.20 -0.8
1.0s 16.00nm 5.0mb
PNT 74.69 42 eP 04 56.00 -0.3
SUF 74.97 334 iP 04 57.20 -0.4
EDM 76.33 36 eP 05 05.50 -0.1
NEW 76.64 42 eP 05 08.00 0.5
WDC 76.72 51 eP 05 08.60 0.6
ORV 77.90 52 eP 05 14.50 0.0
MHC 78.82 54 eP 05 20.20 0.4
SES 79.01 38 ePc 05 20.70 0.3
JAS1 79.40 53 eP 05 23.40 0.6
PRS 79.48 54 eP 05 23.80 0.6
LLA 79.65 54 eP 05 24.90 0.7
PRI 80.08 54 e(P) 05 27.50 0.9
FRI 80.35 53 eP 05 28.20 0.4
BMN 80.37 49 eP 05 28.20 0.1
1.0s 4.25nm 4.4mb
LRM 80.63 43 eP 05 29.70 0.2
MNA 80.72 51 eP 05 30.80 0.8
FFC 81.06 31 eP 05 31.00 -0.2
0.9s 13.00nm 5.0mb
HFS 81.23 336 eP 05 30.00 -2.0
0.8s 6.70nm 4.7mb
Z 16s 0.38um 4.8MszX
LR 36 40.00
NB2 81.44 338 P 05 32.00 -1.2
0.9s 10.90nm 4.9mb
EUR 81.68 49 iP 05 35.50 0.4
0.3s 7.31nm 5.2mb
CLC 82.41 53 eP 05 41.00 2.3
SBB 82.81 54 eP 05 41.00 0.2
MWC 82.87 55 eP 05 41.00 -0.3
GSC 83.22 53 eP 05 40.00 -3.0X
BDW 84.02 44 eP 05 46.80 -0.3
1.0s 5.80nm 4.8mb
TPC 84.37 54 eP 05 49.00 0.2
VRI 84.47 320 eP 05 47.00 -2.0
FRB 84.92 13 eP 05 51.00 0.2

07d 01h

GLA	85.79	55	eP	05	57.00	1.1
KSP	86.64	328	eP	05	58.00	-1.7
BRG	87.69	329	eP	06	04.80	0.1
	1.6s	28.00nm			5.3mb	
CLL	87.79	330	eP	06	03.00	-2.2
PRU	88.05	328	eP	06	04.50	-2.0
Z	14s	0.40um			5.0MszX	
N	15s	0.20um				
E	15s	0.20um				
KHC	89.10	328	eP	06	13.00	1.4
ALO	90.51	49	eP	06	19.00	0.3
	1.0s	5.00nm			4.7mb	
LHC	91.14	31	eP	06	21.50	0.5
ARE	148.14	74	ePKP	13	03.00	3.0X
ZOBO	150.86	71	PKPc	13	04.90	0.3
			LR	04	02.00	
LPB	151.02	71	PKP	13	08.00	3.4X
			i	13	13.20	
			eLR	04	00.00	
CNCB	151.25	72	iPKP	13	08.00	2.9X
			i	13	14.00	
TPZ	152.62	81	ePKPd	13	14.00	7.2X
S.D. = 1.0 on 88 of 98 obs.						

• JUN 07, 1985 01h 01m 18.40± 2.08s
25.444 N ±13.8km 140.857 E ±12.2km
DEPTH = 194.7 ± 16.4 km
4.5mb (11 obs.)
VOLCANO ISLANDS REGION (213)

KYS	9.74	357	eP	03	35.20	0.0
OYM	10.04	352	eP	03	39.70	0.5
SRY	10.22	353	eP	03	41.10	-0.4
DDR	10.62	353	eP	03	47.00	0.3
TSK	10.75	357	eP	03	47.50	-0.9
PJG	12 38	162	eP	04	15.00	5.7X
GUMO	12.38	162	eP	04	15.20	5.9X
CHTO	39.26	269	eP	08	31.30	1.6
	0.8s	4.76nm			4.2mb	
		e		09	33.00	
WB2	45.56	189	eP	09	19.20	-1.3
PKI	49.31	285	eP	09	51.50	1.4
	0.6s	5.00nm			4.2mb	
KKN	49.39	286	eP	09	52.20	1.7
	0.7s	9.00nm			4.4mb	
GBA	60.45	272	Pd	11	08.80	-1.2
	8.2s	2.20nm			2.9mb X	
INK	65.33	24	eP	11	39.00	-0.3
MBC	67.79	15	eP	11	57.00	0.4
	0.5s	5.00nm			4.5mb	
YKA	74.15	28	eP	12	35.20	0.5
YKC	74.22	28	eP	12	35.00	-0.1
	0.9s	14.00nm			4.7mb	
SOD	75.50	339	eP	12	41.00	-1.3
SUF	78.17	335	iP	12	56.40	-0.7
	0.4s	5.60nm			4.6mb	
NEW	78.93	42	eP	13	02.00	0.4
NUR	79.99	333	iP	13	06.40	-0.5
	0.8s	13.20nm			4.7mb	
Z	20s	0.30um			4.6Msz	
		LR		42	40.00	
LRM	82.89	42	eP	13	23.90	1.2
EUR	83.62	49	iP	13	27.20	0.7
FFC	83.77	31	iPd	13	26.80	0.2
	0.6s	6.00nm			4.5mb	
HFS	84.46	336	eP	13	28.50	-1.4
	0.3s	2.90nm			4.5mb	
NB2	84.69	338	P	13	29.80	-1.4
	0.4s	3.00nm			4.4mb	
CLL	90.90	330	e(P)	13	53.00	-7.9X
ALQ	92.46	49	eP	14	09.80	1.1
	1.0s	3.25nm			4.4mb	
BUL	117.89	260	iPKPc	19	43.50	-0.5
	0.5s	3.17nm				
S.D. = 1.0 on 25 of 28 obs.						

? JUN 07, 1985 01h 12m 21.49± 4.48s
19.299 N ±44.8km 96.910 W ±30.8km
DEPTH = 33.0km (normal)
VERA CRUZ, MEXICO (525)

IIP	1.90	272	iP	12	53.00	0.6
TPM	2.06	262	iP	12	53.20	-1.4
			iS	13	18.00	
VHO	2.06	175	iP	12	56.00	1.4
			iS	13	21.50	
III	2.59	250	iP	13	01.50	-0.7
			iS	13	30.00	
OXM	2.62	270	eP	13	04.00	1.2
PBJ	3.19	153	iP	13	09.50	-1.0
S.D. = 1.5 on 6 of 6 obs.						

JUN 07, 1985 01h 40m 45.02± 0.68s
44.783 N ± 4.8km 111.030 W ± 9.7km
DEPTH = 10.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.5 (NEIS). Felt (II) at West Yellowstone, Montana. Also felt (II) at Old Faithful, Yellowstone National Park.

IMW	0.89	176	iP	41	01.40	-0.9
LCCM	1.21	331	iPc	41	07.60	-0.1
SXM	1.37	355	ePn	41	10.10	-0.3
			iPg	41	11.30	
LRM	1.44	317	iPd	41	11.60	0.2
TMI	1.61	204	eP	41	13.50	-0.3
BUT	1.64	319	ePnd	41	14.80	0.7
			ePg	41	15.80	
			eSn	41	36.30	
HPI	1.83	235	eP	41	17.50	0.4
HRY	2.01	344	iPnd	41	19.70	0.2
BDW	2.27	152	eP	41	24.20	0.8
MFW	5.32	285	eP	42	07.00	0.6
NEW	5.46	312	eP	42	07.00	-1.4
			eLg	43	35.00	
S.D. = 0.8 on 11 of 11 obs.						

? JUN 07, 1985 03h 04m 27.16± 2.80s
21.433 S ±11.0km 34.700 E ±30.0km
DEPTH = 33.0km (normal)
MOZAMBIQUE (581)

TET	5.36	348	eP	05	48.00	1.0
			iSn	06	54.00	
			iSg	07	21.00	
MTD	5.49	327	iPn	05	48.00	-0.8
			iSn	06	45.00	
			iSg	07	11.00	
BUL	5.84	282	iPn	05	55.20	1.3
			iSn	06	58.40	
			iSg	07	26.00	
KRI	6.64	313	ePn	06	04.00	-1.1
			eSn	07	11.00	
KSR	8.40	237	e(P)	06	29.90	0.1
			(S)	08	03.50	
BFS	9.04	231	e(P)	06	25.60	-13.0X
SEK	9.40	222	eP	06	43.10	-0.4
			S	08	28.00	
S.D. = 1.3 on 6 of 7 obs.						

• JUN 07, 1985 04h 33m 55.24± 1.09s
30.369 S ±11.0km 67.860 W ±11.6km
DEPTH = 30.0 ± 8.4 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	1.09	209	ePc	34	12.30	-2.3
CFA	1.28	195	ePc	34	16.50	-0.7
			S	34	36.00	
RTCB	1.38	216	ePc	34	17.50	-1.1
RTCV	1.60	201	ePc	34	22.00	0.2
			S	34	45.10	
TCA	2.97	110	ePd	34	42.20	0.7
			S	35	20.00	
JACH	3.28	225	eP	34	47.20	1.3
PEL	3.67	220	eP	34	51.80	0.5
BACH	3.72	216	eP	34	53.30	1.2
ROCH	3.73	225	iPd	34	53.00	0.6
PCH	3.95	214	iP	35	02.60	7.2X
RFA	4.42	186	ePc	35	02.20	0.1
SLA	6.00	21	e(P)	35	24.00	-0.4
			(S)	36	56.00	
S.D. = 1.3 on 11 of 12 obs.						

• JUN 07, 1985 04h 40m 47.12± 0.98s
30.275 S ±10.5km 67.913 W ±12.3km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	1.15	204	ePc	41	05.00	-2.1
CFA	1.36	192	ePc	41	09 50	-0.5
			S	41	41.00	
RTCB	1.43	212	ePd	41	09.80	-1.2
			S	41	28.80	
RTCV	1.67	199	ePc	41	14.60	0.1
			S	41	37.80	
TCA	3.05	111	iPd	41	35.10	0.9
			S	42	13.20	
PEL	3.71	219	eP	41	44.90	1.4
ROCH	3.77	224	iP	41	45.50	1.0
BACH	3.77	215	eP	41	45.80	1.4
SAN	3.94	216	eP	41	53.50	6.7X
PCH	4.00	213	iP	41	55.30	7.5X
RFA	4.51	186	eP	41	54.50	-0.4
SLA	5.93	22	ePd	42	27.20	12.1X
			(S)	43	49.00	
YJA	8.36	16	eP	42	48.80	-0.5
S.D. = 1.3 on 10 of 13 obs.						

JUN 07, 1985 05h 21m 35.62± 0.43s
44.497 N ± 9.0km 149.410 E ± 5.9km
DEPTH = 51.5km (4 depth phases)
5.1mb (51 obs.)
KURIL ISLANDS (221)
Felt (II) at Kurilsk.

URA	5.37	247	eP	22	54.00	-1.2
			eS	23	55.00	
MDJ	14.13	277	eP	24	53.50	-1.0
SHK	16.27	238	eP	25	24.50	2.4
CN2	17.20	276	Pc	25	32.60	-1.1
SNY	19.01	271	eP	25	54.40	-1.4
BJI	24.89	271	eP	26	54.00	-0.8
TIA	25.83	263	Pd	27	03.10	-0.6
NJ2	26.85	253	eP	27	15.40	2.3
TIY	28.49	269	eP	27	27.80	-0.2
BTO	29.09	276	eP	27	32.40	-0.9
WHN	30.84	255	P	27	48.00	-0.9
XAN	32.74	266	Pc	28	04.30	-1.2
LZH	35.37	272	Pc	28	29.50	1.2
	1.0s	163.00nm			5.9mb	
GTA	36.77	280	iPd	28	40.60	0.6
IMA	37.15	34	eP	28	42.70	-0.2
CD2	38.10	265	P	28	50.80	-0.3
GYA	38.68	257	Pc	28	56.60	0.5
FBA	39.53	37	eP	29	02.70	0.1
	1.0s	25.00nm			5.0mb	
KMI	42.26	259	Pc	29	25.50	-0.3
WMO	43.33	292	P	29	34.50	0.4
INK	44.94	31	ePc	29	46.70	0.0
MBC	47.59	19	eP	30	07.00	-0.5
CHG	49.05	255	iPc	30	19.80	0.3
	0.8s	10.07nm			4.9mb	
CHTO	49.05	255	eP	30	19.70	0.2
	1.2s	17.36nm			5.0mb	
SHL	49.70	268	iP	30	23.50	-1.1
KKN	53.09	274	iPc	30	50.00	-0.3
	0.6s	25.00nm			5.4mb	
KSH	53.12	292	eP	30	50.00	-0.3
PKI	53.13	274	iPc	30	50.10	-0.6
	0.5s	14.00nm			5.2mb	
DMN	53.32	274	iPc	30	51.00	-1.0
	0.7s	17.00nm			5.2mb	
YKA	54.27	35	eP	30	58.10	-0.1
YKC	54.33	35	eP	30	58.00	-0.6
NDI	58.28	280	iPc	31	26.80	-0.5
	0.7s	183.56nm			6.3mb X	
KGM	58.64	237	ePd	31	30.50	0.6
DAG	58.78	357	iPd	31	27.00	-3.2X
	0.5s	6.34nm			5.0mb	
EDM	59.75	44	ePc	31	35.60	-1.6
SOD	60.39	338	iP	31	39.00	-2.4
KJF	62.39	335	iP	31	53.20	-1.6
			e	53	44.00	
SUF	63.96	335	iP	32	03.20	-2.0
	0.5s	15.70nm			5.3mb	
FFC	64.12	38	ePc	32	05.60	-0.8
	0.9s	10.00nm			4.8mb	
QUE	64.48	288	eP	32	08.50	-0.8
LRM	64.63	50	eP	32	09.30	-0.9
BMN	65.22	57	eP	32	13.50	-0.4
	0.9s	0.78nm			3.7mb X	
WB2	65.59	196	eP	32	12.20	-3.9X
			e	32	28.10	58km
NUR	66.10	334	iP	32	18.00	-1.0
	0.6s	15.60nm			5.2mb	
			e	54	10.00	
EUR	66.56	57	iP	32	22.20	-0.4
	0.2s	4.74nm			5.2mb	
			pP	32	35.90	48km
GBA	67.75	267	Pc	32	28.50	-1.6

0.7s 14.50nm 5.1mb
FRB 68.00 17 ePc 32 29.70 -1.2
UPP 68.76 336 iP 32 34.30 -1.3
NB2 69.48 340 P 32 38.60 -1.6
0.6s 19.30nm 5.2mb
HFS 69.62 338 eP 32 39.30 -1.6
0.5s 22.90nm 5.4mb
Z 17s 0.24um 4.5MszX
LR 01 57.00
KOD 70.02 265 eP 32 44.00 -0.5
RSSD 70.26 47 eP 32 44.20 -1.3
0.7s 1.17nm 3.9mb X
RSON 70.42 37 eP 32 45.00 -1.0
0.7s 2.63nm 4.3mb
pP 32 58.00 45km
ALQ 75.25 55 eP 33 13.80 -1.1
1.0s 3.75nm 4.3mb
SPC 76.67 328 eP 33 23.80 1.2
KSP 76.70 332 ePc 33 22.00 -0.5
ELO 76.89 345 ePc 33 22.90 -0.6
EBH 77.06 345 ePc 33 24.10 -0.4
1.0s 27.00nm 5.2mb
MLR 77.36 323 eP 33 27.00 0.6
CLL 77.38 334 iPc 33 26.20 -0.1
1.4s 52.00nm 5.4mb
EBL 77.43 344 P 33 22.50 -4.0X
EAU 77.44 345 ePc 33 26.70 0.2
BRG 77.46 333 iPc 33 26.80 0.1
1.1s 31.00nm 5.2mb
i 33 42.30 55km
EKA 77.86 344 Pd 33 29.40 0.5
1.0s 17.90nm 5.0mb
PRU 78.02 332 Pc 33 30.20 0.4
1.4s 20.30nm 5.0mb
MOX 78.40 334 iP 33 32.00 0.1
1.4s 31.00nm 5.1mb
Z 15s 0.60um 5.0MszX
N 16s 0.50um
E 16s 0.50um
SRO 78.53 329 iP 33 33.80 1.2
WTS 78.61 337 ePc 33 33.00 0.0
0.8s 4.00nm 4.4mb
ZST 78.65 330 eP 33 34.10 0.8
KHC 79.08 332 iPc 33 36.50 0.8
0.7s 19.50nm 5.1mb
Z 16s 0.40um 4.8MszX
N 16s 0.30um
E 16s 0.40um
e 34 01.90 97kmX
WET 79.30 333 iPc 33 37.60 0.7
GRB1 79.48 333 eP 33 38.50 0.7
ENN 79.96 337 ePc 33 40.50 0.2
0.9s 25.00nm 5.1mb
MEM 80.08 337 P 33 41.70 0.8
DLE 80.43 346 iPc 33 43.30 0.5
0.9s 40.00nm 5.3mb
WLF 80.89 337 Pc 33 49.20 3.9X
KBA 80.93 331 ePc 33 45.50 -0.3
0.7s 22.80nm 5.2mb
i 33 46.70 4kmX
i 33 48.50
SOU 80.93 338 P 33 46.20 0.7
GWI 81.09 336 eP 33 46.50 0.1
CDF 81.70 336 iPc 33 49.60 0.0
0.8s 16.10nm 5.1mb
SKO 82.12 324 eP 33 52.50 0.6
VAY 82.17 323 iP 33 52.50 0.4
HAU 82.33 336 eP 33 53.40 0.5
0.6s 6.90nm 4.9mb
JCT 82.34 55 eP 33 53.00 -0.3
1.0s 5.00nm 4.5mb
Z 20s 0.43um 4.8Msz
BSF 82.36 336 eP 33 53.40 0.3
OHR 83.11 324 eP 33 56.90 -0.1
FLN 83.45 340 iPc 33 58.80 0.2
0.8s 13.40nm 5.0mb
LDF 83.52 340 iPc 33 59.40 0.4
LOR 83.71 337 iPc 34 00.40 0.4
0.8s 12.00nm 5.0mb
GRR 83.89 341 iPc 34 02.00 1.2
0.8s 36.10nm 5.5mb
GRC 83.90 338 iPc 34 01.20 0.3
LBF 83.94 337 iPc 34 01.50 0.3
0.8s 8.70nm 4.8mb
SSF 84.00 337 iPc 34 02.00 0.6
0.8s 14.70nm 5.1mb
LPF 84.27 341 iPc 34 04.00 1.3

0.8s 20.80nm 5.2mb
SMF 84.29 337 iPc 34 03.40 0.5
0.7s 18.70nm 5.3mb
AVF 84.29 337 iPc 34 03.40 0.6
0.6s 6.00nm 4.8mb
LPG 84.47 335 iPc 34 05.20 1.0
0.8s 17.40nm 5.2mb
BGF 84.64 338 eP 34 05.30 0.7
0.5s 6.30nm 5.0mb
MZF 85.03 338 iPc 34 07.80 1.2
0.8s 38.50nm 5.6mb
TCF 85.06 338 iPc 34 07.80 1.0
0.9s 13.60nm 5.1mb
LSF 85.28 338 iPc 34 09.00 1.1
0.9s 39.40nm 5.6mb
MFF 85.38 339 iPc 34 09.80 1.5
0.8s 30.60nm 5.5mb
RJF 86.16 338 iPc 34 13.00 0.8
0.6s 9.00nm 5.2mb
FRF 86.25 334 eP 34 13.40 0.7
CAF 86.36 337 iPc 34 14.60 1.3
0.8s 19.30nm 5.4mb
CDR 86.42 334 ePc 34 14.40 0.9
LRG 86.43 334 iPc 34 14.20 0.6
0.8s 30.70nm 5.6mb
LMR 86.50 334 iPc 34 14.40 0.5
0.8s 29.80nm 5.6mb
LFF 86.71 338 iPc 34 16.20 1.3
0.6s 20.00nm 5.5mb
LPO 86.82 338 iPc 34 16.60 1.1
0.6s 7.90nm 5.1mb
EPF 88.58 338 iPc 34 25.40 1.3
SOB1 143.73 17 ePKP 41 04.20 -2.6X
e 41 22.60
ITR 143.76 13 e(PKP)41 09.00 2.1X
e 41 18.40
BAO 147.67 33 e(PKP)41 07.60 -5.8X
S.D. = 0.9 on 107 of 114 obs.

JUN 07, 1985 05h 32m 41.38± 0.99s
28.534 N ± 4.4km 140.411 E ± 3.6km
DEPTH = 47.5 ± 9.4 km
4.8mb (20 obs.)
BONIN ISLANDS REGION (212)

CBI 2.13 132 iPd 33 13.40 -1.7
eS 33 34.00
GUMO 15.44 164 eP 36 17.50 -0.1
PJG 15.44 164 eP 36 17.80 0.2
GUA 15.50 163 eP 36 18.30 -0.1
0.8s 77.61nm 4.9mb
SSE 16.88 283 P- 36 38.00 2.2X
Z 20s 4.10um
N 10s 1.20um
E 10s 1.50um
S 40 02.00
ANP 17.19 263 eP 36 45.00 5.2X
MDJ 18.22 335 eP 36 52.50 0.1
DL2 18.70 308 eP 37 00.00 1.7
S 40 31.00
NJ2 18.94 286 Pc 37 02.50 1.3
sP 37 16.50
SNY 19.07 319 eP 37 03.40 0.8
CN2 19.40 326 eP 37 07.60 1.4
S 40 42.00
QZH 19.81 265 Pd 37 14.50 3.7X
eS 40 57.00
TIA 21.07 297 Pc 37 23.70 -0.1
eS 41 16.00
BAG 21.90 241 eP 37 32.50 0.1
eS 41 36.00
OCP 22.63 236 eP 37 49.00 9.6X
WHN 22.75 281 eP 37 42.00 1.5
BJI 23.01 306 eP 37 43.00 0.1
eS 41 51.00
HKC 24.47 261 eP 38 00.00 2.8X
eS 42 37.00
TIY 25.08 299 eP 38 02.50 -0.6
S 42 30.00
HHC 26.59 305 P 38 17.00 0.0
XAN 27.40 290 Pc 38 23.40 -1.1
BTO 27.63 304 eP 38 26.50 -0.1
eS 43 08.00
QIZ 29.46 258 eP 38 45.50 2.4X
eS 43 40.50
GYA 29.95 274 P 38 49.00 1.4
S 43 49.00

LZH 31.67 293 eP 39 00.00 -2.7
KMI 33.70 273 eP 39 15.00 -5.5X
E 16s 2.20um
eS 44 36.00
GTA 35.11 299 P 39 31.50 -0.9
LOE 37.15 261 eP 39 50.00 0.4
CHG 39.03 265 iPc 40 06.00 0.6
0.8s 7.46nm 4.6mb
CHTO 39.03 265 eP 40 04.70 -0.7
1.3s 16.75nm 4.7mb
NST 39.27 260 eP 40 09.00 1.7
SHL 43.09 278 iP 40 38.70 -0.2
IPM 44.31 245 ePd 40 49.80 1.2
WMO 44.47 305 P 40 50.00 0.3
S 47 26.00
PSI 47.11 245 iPc 41 10.70 -0.1
PKI 48.18 283 eP 41 19.40 -0.2
1.1s 32.00nm 5.3mb
KKN 48.24 283 eP 41 19.10 -0.8
1.1s 68.00nm 5.6mb
DMN 48.43 283 eP 41 20.60 -0.8
1.0s 17.00nm 5.0mb
W82 48.55 188 eP 41 20.70 -1.2
WRA 48.55 188 Pd 41 22.10 0.2
0.6s 15.70nm 5.2mb
CTA 48.66 173 eP 41 24.00 1.2
ASPA 52.28 188 eP 41 50.00 -0.3
1.1s 21.00nm 5.1mb
eS 44 31.00
TTA 53.01 31 eP 41 55.60 0.2
IMA 54.52 27 eP 42 06.40 -0.2
NDI 54.86 286 eP 42 09.00 -0.4
FBA 56.83 29 eP 42 23.20 0.1
1.0s 7.50nm 4.7mb
HYB 57.48 273 eP 42 25.00 -3.3X
GBA 60.01 270 Pc 42 45.50 -0.4
0.9s 75.80nm 5.8mb X
KOD 61.46 266 eP 42 56.00 -0.1
INK 62.39 25 ePc 43 00.50 -0.7
QUE 62.96 291 eP 43 05.00 -0.7
MBC 64.91 15 eP 43 17.00 -0.6
MHI 66.90 300 eP 43 31.00 -0.1
ALE 68.64 3 eP 43 40.50 -0.6
0.9s 7.00nm 4.6mb
YKA 71.62 28 eP 43 59.70 0.2
YKC 71.69 28 eP 43 59.00 -0.9
SOD 72.49 338 eP 44 03.00 -1.6
PGC 72.95 44 eP 44 09.00 1.5
KJF 73.82 335 eP 44 11.00 -1.3
DAG 74.16 355 iPc 44 13.30 -0.8
0.9s 15.13nm 4.9mb
PNT 74.95 42 eP 44 20.00 0.8
SUF 75.22 334 iP 44 19.30 -1.1
0.6s 2.80nm 4.4mb
EDM 76.60 36 ePc 44 29.00 0.5
NEW 76.90 42 eP 44 31.00 0.7
WDC 76.96 51 ePc 44 30.80 0.1
MIN 77.70 51 eP 44 34.00 -1.0
ORV 78.13 51 ePc 44 36.20 -1.0
BKS 78.38 53 eP 44 39.20 0.6
1.2s 44.00nm 5.3mb
e 44 46.70
MHC 79.04 54 eP 44 43.60 1.2
SES 79.28 38 eP 44 43.00 -0.3
JAS1 79.63 53 eP 44 45.00 -0.4
UPP 80.22 334 iP 44 46.30 -1.7
FRI 80.57 53 eP 44 49.10 -1.3
BMN 80.61 49 eP 44 51.70 1.0
1.0s 2.75nm 4.1mb
LRM 80.89 43 eP 44 52.10 -0.1
MNA 80.96 51 eP 44 52.70 0.1
FFC 81.34 31 iPc 44 54.30 0.3
0.9s 8.00nm 4.7mb
HFS 81.48 336 eP 44 53.40 -1.3
0.8s 4.90nm 4.5mb
Z 16s 0.61um 5.1MszX
LR 17 34.00
NB2 81.69 338 P 44 55.20 -0.6
0.9s 10.50nm 4.8mb
EUR 81.92 49 eP 44 58.30 0.6
pP 45 06.00 24kmX
ISA 82.09 54 eP 45 06.00 7.6X
CLC 82.63 53 eP 45 02.00 0.8
SBB 83.03 54 eP 45 04.00 0.7
PAS 83.05 55 eP 45 06.00 2.7X
MWC 83.09 55 eP 45 05.00 1.2
GSC 83.45 53 eP 45 06.00 0.5

07d 05h

BDW	84.27	44 eP	45 10.00	0.3	
	1.1s	4.24nm		4.4mb	
TPC	84.59	54 eP	45 11.00	-0.2	
FRB	85.23	12 eP	45 14.00	0.3	
GLA	86.01	54 eP	45 19.00	0.7	
KSP	86.87	328 eP	45 21.50	-0.6	
RSON	87.67	31 eP	45 26.00	0.0	
	1.0s	3.50nm		4.6mb	
ALQ	90.75	49 eP	45 42.00	0.9	
	1.0s	4.50nm		4.8mb	
LHC	91.43	31 eP	45 50.50	6.9X	
ARE	148.27	75 ePKP	52 25.00	3.6X	
ZOBO	151.01	71 PKPd	52 28.00	2.1	
		LR	54 08.00		
LPB	151.16	72 PKPc	52 28.20	2.3X	
CNCB	151.40	72 PKP	52 34.20	7.7X	
TPZ	152.72	82 ePKP	52 35.00	7.0X	
S.D. = 0.9 on 84 of 99 obs.					

JUN 07, 1985 05h 45m 46.22± 0.32s
28.701 N ± 6.0km 140.373 E ± 6.0km
DEPTH = 33.0km (normal)
4.8mb (12 obs.) 4.5Msz (1 obs.)
BONIN ISLANDS REGION (212)

GUMO	15.61	164 e(P)	49 27.50	2.1	
	1.6s	545.93nm		5.5mb	
PJG	15.61	164 eP	49 26.50	1.1	
GUA	15.67	163 eP	49 25.90	-0.3	
NJ2	18.86	286 eP	50 08.00	1.9	
TIA	20.97	297 Pc	50 29.80	1.0	
BAG	21.95	240 eP	50 37.50	-1.6	
WHN	22.68	281 eP	50 48.50	2 5	
BJI	22.88	306 eP	50 47.50	-0 4	
TIY	24.97	298 P	51 08.90	0.6	
HHC	26.46	305 P	51 22.00	-0.2	
GYA	29.91	274 P	51 58.00	4.5X	
CD2	31.76	283 P	52 09.30	-0 4	
GTA	35.00	299 P	52 37.20	-0.6	
CHG	39.01	265 eP	53 12.00	0.4	
CHTO	39.01	265 eP	53 10.20	-1.3	
	1.3s	11.03nm		4.5mb	
Z	20s	0.73um		4.5Msz	
NST	39.26	259 eP	53 21.30	7.7X	
WMO	44.34	305 Pc	53 55.00	-0.1	
PSI	47.15	244 ePc	54 16.50	-1.0	
PKI	48.11	282 eP	54 24.80	-0.6	
	1.0s	14.00nm		4.9mb	
KKN	48.17	283 eP	54 26.00	0.3	
	0.9s	28.00nm		5.3mb	
WB2	48.71	188 eP	54 27.70	-1.8	
WRA	48.71	188 Pc	54 28.20	-1.3	
	0.8s	12.30nm		5.0mb	
NDI	54.78	286 eP	55 15.00	-0.3	
GBA	59.98	270 P	55 53.00	0.8	
INK	62.26	25 eP	56 05.00	-1.8	
QUE	62.87	291 eP	56 11.50	-0.1	
MBC	64.76	15 eP	56 23.00	-0.2	
ALE	68.47	3 eP	56 46.00	-0.6	
	0.9s	6.00nm		4.7mb	
YKA	71 49	28 eP	57 05.60	0.3	
YKC	71.55	28 eP	57 05.00	-0.6	
DAG	73.99	355 iPd	57 19.10	-0.6	
	0.9s	7.56nm		4.7mb	
EDM	76.49	36 eP	57 34.50	0.1	
SES	79.17	38 eP	57 49.00	-0.2	
BMN	80.53	49 eP	57 57.90	1.0	
	0.9s	0.78nm		3.7mb X	
NB2	81.53	338 P	58 00.40	-1.1	
	1.0s	5.60nm		4.5mb	
EUR	81.83	49 iP	58 04.20	0.4	
	0.2s	6.14nm		5.3mb	
BDW	84.18	44 eP	58 15.90	0.1	
	0.9s	3.42nm		4.5mb	
FRB	85.07	12 eP	58 20.00	0.5	
RSSD	86.67	41 eP	58 29.50	1.3	
	1.2s	3.45nm		4.5mb	
ALQ	90.66	49 eP	58 47.80	0.5	
	1.0s	3.75nm		4.7mb	
ZOBO	150.99	71 PKPc	05 38.00	5.4X	
	0.6s	8.71nm			
LPB	151.14	71 ePKP	05 38.00	5.4X	
CNCB	151.38	72 PKP	05 39.00	5.9X	
S.D. = 1.1 on 38 of 43 obs.					

JUN 07, 1985 06h 01m 34.98± 0.23s
28.621 N ± 5.2km 140.383 E ± 4.1km
DEPTH = 33.0km (normal)
4.9mb (19 obs.)
BONIN ISLANDS REGION (212)

GUMO	15.53	164 eP	05 13.50	0.3	
PJG	15.53	164 eP	05 14.10	0.9	
DL2	18.63	308 eP	05 53.00	1.1	
		sS	09 26.00		
NJ2	18.89	286 Pc	05 57.00	1.8	
		sS	09 36.50		
SNY	18.98	318 eP	05 57.00	0.8	
TIA	21.01	297 Pd	06 18.20	0.1	
BAG	21.92	241 eP	06 28.80	1.3	
WHN	22.71	281 P	06 37.00	2.0	
		sS	10 52.00		
BJI	22.93	306 eP	06 35.00	-2.1	
		eS	10 50.00		
TIY	25.02	298 P	06 58.30	0.8	
HHC	26.52	305 eP	07 10.40	-1.0	
		sS	11 59.00		
XAN	27.35	289 P	07 18.40	-0.6	
		S	12 02.00		
BTO	27.56	304 eP	07 21.00	0.0	
GYA	29.92	274 P	07 44.20	1.8	
CD2	31.79	283 eP	07 57.00	-1.7	
GTA	35.05	299 P	08 25.80	-1.1	
CHG	39.01	265 iPd	09 00.80	0.5	
	1.0s	17.50nm		4.8mb	
IPM	44.32	245 ePd	09 45.10	1.2	
WMO	44.40	305 P	09 43.50	-0.8	
PSI	47.12	244 ePd	10 05.00	-1.1	
	1.0s	41.40nm		5.4mb	
PKI	48.14	283 eP	10 14.70	0.3	
	1.1s	39.00nm		5.3mb	
KKN	48.19	283 eP	10 15.30	0.6	
	1.1s	73.00nm		5.6mb	
DMN	48.39	283 eP	10 16.80	0.6	
	1.1s	35.00nm		5.3mb	
WB2	48.63	188 eP	10 15.80	-1.9	
WRA	48.63	188 Pd	10 16.30	-1.4	
	0.7s	17.60nm		5.2mb	
CTA	48.75	173 iP	10 17.20	-1.4	
ASPA	52.36	188 eP	10 45.00	-1.1	
	1.0s	13.00nm		4.8mb	
TTA	52.95	31 eP	10 50.50	0.3	
KDC	54.16	38 eP	10 59.50	0.5	
IMA	54.46	27 eP	11 01.60	0.3	
NDI	54.81	286 eP	11 04.00	-0.2	
PMR	56.02	33 eP	11 11.60	-0.8	
	1.0s	10.00nm		4.8mb	
FBA	56.77	29 eP	11 18.60	0.7	
GBA	59.99	270 P	11 42.00	1.0	
	1.7s	22.70nm		5.0mb	
KOD	61.44	266 eP	11 51.00	-0.2	
INK	62.32	25 ePc	11 55.40	-0.6	
QUE	62.90	291 eP	12 00.00	-0.6	
MBC	64.84	15 eP	12 12.00	-0.4	
ALE	68.55	3 eP	12 35.00	-0.9	
	1.0s	6.00nm		4.6mb	
YKA	71.56	28 eP	12 54.30	-0.1	
YKC	71.62	28 eP	12 53.00	-1.8	
SOD	72.40	338 eP	12 54.00	-5.4X	
		i	13 15.80		
KJF	73.73	335 eP	13 07.00	-0.1	
DAG	74.07	355 iPd	13 08.10	-0.8	
	0.9s	10.08nm		4.8mb	
PNT	74.91	42 eP	13 15.00	0.7	
	1.0s	14.00nm		4.9mb	
SUF	75.13	334 eP	13 14.00	-1.2	
EDM	76.55	36 iPc	13 23.50	0.0	
NEW	76.86	42 eP	13 26.00	0.7	
WDC	76.92	51 ePc	13 26.40	0.6	
MIN	77.67	51 ePc	13 31.00	0.9	
DRV	78.10	51 ePc	13 32.50	0.2	
BRK	78.33	53 e(P)c	13 33.00	-0.6	
MHC	79.01	54 e(P)	13 37.40	-0.1	
SES	79.23	38 ePc	13 38.00	-0.3	
JAS1	79.60	53 ePc	13 41.30	0.8	
BMN	80.57	49 eP	13 46.80	0.9	
	1.1s	2.27nm		4.1mb	
LRM	80.84	43 eP	13 47.00	-0.3	
MNA	80.92	51 eP	13 48.50	0.7	
FFC	81.28	31 eP	13 49.00	-0.1	
	1.0s	8.00nm		4.7mb	
HFS	81.39	336 eP	13 47.30	-2.2	
	0.5s	1.60nm		4.3mb	
NB2	81.60	338 P	13 50.60	-0.1	
	1.0s	8.40nm		4.7mb	
EUR	81.88	49 iP	13 53.00	0.2	
	0.5s	6.65nm		4.9mb	
ISA	82.06	54 eP	13 53.00	-0.6	
SBB	83.00	54 eP	13 58.00	-0.5	
MWC	83.06	55 eP	14 01.00	2.0	
GSC	83.42	53 eP	14 01.00	0.3	
BDW	84.23	44 eP	14 05.00	0.2	
	1.1s	9.18nm		4.9mb	
TPC	84.56	54 eP	14 05.00	-1.4	
BAR	84.84	56 eP	14 08.00	0.2	
FRB	85.15	12 eP	14 07.00	-1.7	
GLA	85.98	54 eP	14 15.00	1.5	
RSSD	86.72	41 eP	14 18.30	1.1	
RSON	87.61	31 eP	14 20.10	-0.9	
VAY	89.74	318 eP	14 29.70	-1.7	
ALQ	90.71	49 eP	14 37.00	0.8	
	1.0s	5.00nm		4.8mb	
LTX	95.95	52 eP	15 01.60	1.3	
SPA	118.46	180 e(PKP)	20 19.70	-0.5	
ARE	148.27	74 ePKP	21 21.00	4.2X	
ZOBO	151.01	71 PKPd	21 22.30	1.0	
	0.5s	18.18nm			
		LR	43 26.00		
LPB	151.16	71 PKPc	21 22.20	0.8	
	1.1s	50.63nm			
		i	21 28.00		
		eLR	43 10.00		
CNCB	151.39	72 PKP	21 23.00	1.1	
		i	21 29.80		
TPZ	152.74	81 (PKP)	21 31.00	7.5X	
S.D. = 1.0 on 79 of 82 obs.					

JUN 07, 1985 07h 32m 37.35± 0.57s
32.560 S ± 6.7km 69.730 W ± 7.4km
DEPTH = 128.3 ± 10.1 km
3.3mb (1 obs.)
MENDOZA PROVINCE, ARGENTINA (139)
Felt (II) at Mendoza.

JACH	0.74	260 iPd	32 57.50	-0.7	
PEL	0.99	234 iPc	33 00.30	-0.1	
		iS	33 16.80		
BACH	1.02	219 iPd	33 01.00	0.4	
ROCH	1.15	249 iPc	33 01.40	-0.8	
SAN	1.19	221 iPd	33 02.40	0.1	
		iS	33 20.50		
RTCV	1.23	56 iPd	33 03.50	0.8	
		(S)	33 21.70		
PCH	1.25	212 iPc	33 03.50	0.5	
RTCB	1.33	37 iPd	33 04.70	0.8	
TACH	1.49	223 iPc	33 05.50	-0.1	
		iS	33 26.20		
CHCH	1.57	209 iPd	33 07.00	0.4	
CFA	1.58	53 iPd	33 07.20	0.5	
		S	33 28.70		
RTLL	1.63	41 iPd	33 07.70	0.5	
		S	33 29.70		
LNV	1.98	225 iPc	33 10.20	-1.2	
		iS	33 34.70		
RFA	2.44	155 iPc	33 18.70	1.3	
		S	33 48.70		
TCA	4.53	76 ePc	33 44.80	-0.4	
		S	34 34.00		
CYA	5.33	41 iPd	33 53.50	-2.3	
VBA	8.38	133 ePd	34 36.60	-0.7	
SLA	8.64	27 eP	34 39.00	-2.0	
YJA	11.01	21 ePc	35 11.80	-0.9	
CNCB	15.76	6 P	36 16.00	2.0	
LPB	16.03	6 eP	36 18.00	0.8	
ZOBO	16.28	6 e(P)	36 21.60	1.1	
	0.7s	1.15nm		3.3mb	
S.D. = 1.1 on 22 of 22 obs.					

JUN 07, 1985 07h 50m 46.22± 0.69s
38.599 N ± 5.5km 24.352 E ± 6.3km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.8 (ATH).

ATH	0.80	219 iPgd	51 01.80	0.0	
		iSg	51 10.80		
PAIG	1.43	339 ePb	51 12.30	0.2	
		eSb	51 33.60		
PRK	1.63	66 ePn	51 21.20	6.2X	
		ePb	51 22.70		
OUR	1.76	351 ePn	51 17.50	0.6	

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LIT      2.08 317 ePnc  51 20.60  -1.0
                  eSn   51 52.80
SOH      2.35 341 ePn   51 25.70   0.2
KZN      2.63 311 ePn   51 29.20  -0.3
                  eSg   52 09.70
GRG      2.79 328 ePn   51 31.20  -0.6
KNT      2.79 337 ePnc  51 32.10   0.3
VLS      2.99 263 ePn   51 35.00   0.5
MMB      3 02 351 iPc   51 35.00   0.0
VAY      3.04 334 iPn   51 35.30   0.0
KDZ      3.13  14 iPd   51 37.00   0.5
DST      3.48  72 ePn   51 41.00  -0.5
NPS      3.48 163 ePn   51 45.70   4.2X
OHR      3.71 314 ePn   51 48.10   3.2X
      S.D. = 0.5  on  13 of  16 obs.

•  JUN  07, 1985  07h 54m 49.31± 1.52s
   46.362 N ±13.9km   23.023 E ±10.7km
   DEPTH = 125.0 ± 30.2 km
 ROMANIA                              (358)

CLO      1.30 187 iPc   55 15.00  -0.2
CEI      1.38 344 eP    55 16.00   0.0
COZ      1.39 138 iPc   55 16.00  -0.4
MLR      2.22 112 iPc   55 28.00   1.7
CVO      2.26 103 iPc   55 27.00   0.2
VRI      2.62  99 eP    55 30.00  -1.4
JOS      2.72 323 iPn   55 22.00 -10.7X
VAY      5.05 184 ePn   56 30.50  26.5X
KHC      6.94 297 eP    56 30.00   0.1
                  e     57 48.20
      S.D. = 1.3  on   7 of   9 obs.

&  JUN  07, 1985  08h 20m 14.68s
   59.444 N          153.043 W
   DEPTH =  94.9km
 SOUTHERN ALASKA                      (  2)
      <AGS-P>.

AUL      0.21 253 iP    20 27.75   0.8
AUH      0.22 249 eP    20 27.77   0.7
                  eS    20 39.62
ILM      0.75   9 iP    20 31.90  -0.5
                  iS    20 44.98
BRLK     1.14  73 iP    20 35.47  -1.2
                  iS    20 52.32
RDT      1.18  15 iP    20 36.84  -0.3
                  iS    20 53.86
NKA      1.59  34 iP    20 43.59   1.5
KDC      1.73 170 eP    20 41.30  -2.6
SLKM     1.78  52 eP    20 43.29  -1.4
SPU      1.81  15 iP    20 45.17   0.0
                  eS    21 08.52
CPP      1.88  13 iP    20 46.41   0.2
SEW      1.93  68 eP    20 45.18  -1.5
CGLM     1.94  15 iP    20 47.06   0.2
SVW      2.11 324 iP    20 49.10   0.1
MPA      2.13  59 eP    20 47.86  -1.4
SUA      2.33  28 iP    20 52.08   0.0
PTE      2.46  53 eP    20 52.44  -1.3
PMS      2.50  42 eP    20 53.54  -0.8
SKT      2.65  16 iP    20 55.94  -0.4
PWA      2.71  34 iP    20 56.88  -0.2
PMR      2.90  40 eP    20 58.10  -1.5
KNK      3.01  47 eP    20 59.45  -1.8
GHO      3.10  39 eP    21 00.91  -1.6
MSE      3.13  38 eP    21 01.20  -1.8
CFI      3.15  54 eP    21 01.30  -1.8
GLI      3.30  62 iP    21 02.79  -2.5
SML      3.32  42 iP    21 03.95  -1.6
TTV      3.36  59 eP    21 00.25  -5.9
MID      3.42  87 eP    21 04.40  -2.5
HIN      3.43  71 eP    21 04.77  -2.3
FID      3.54  65 eP    21 05.30  -3.2
VZW      3.62  61 eP    21 07.20  -2.4
SCM      3.70  47 eP    21 09.27  -1.5
VLZ      3.75  60 eP    21 09.08  -2.2
TTA      3.78 339 eP    21 11.60  -0.3
SGAM     4.08  72 eP    21 13.18  -2.8
KLU      4.08  57 iP    21 13.88  -2.2
TOA      4.30  49 eP    21 17.34  -1.7
KMP      4.48  59 eP    21 19.02  -2.5
BALM     5.56  69 eP    21 34.18  -2.5
SDN      5.76 228 eP    21 36.40  -2.7
YAH      5.76  76 iP    21 37.32  -2.1
FBA      6.00  22 eP    21 40.20  -2.3
IMA      6.66 358 eP    21 51.40  -0.3

PNL      6.94  82 eP    21 52.60  -2.9
      44 obs. associated

   JUN  07, 1985  09h 35m 36.18± 0.71s
   28.688 N ± 3.9km  140.294 E ± 3.8km
   DEPTH =  58.6 ±  6.6 km
   4.9mb ( 22 obs.)
 BONIN ISLANDS REGION                 (212)
      Felt (I JMA) on Chichi-shimo.

CBI      2.31 133 P     36 14.30   1.9
                  eS    37 07.00
OYM      6.77 353 eP    37 14.00  -1.2
SRY      6.95 353 eP    37 16.60  -1.2
DDR      7.35 353 eP    37 23.40   0.1
GUMO    15.62 163 eP    39 13.80  -0.2
         1.4s    430.77nm          5.4mb
GUA     15.67 163 eP    39 13.80  -1.0
         1.2s    162.50nm          5.1mb
DL2     18.53 308 P     39 51.00   0.8
NJ2     18.80 286 Pc    39 55.50   2.0
SNY     18.88 318 eP    39 54.20  -0.2
TIA     20.91 297 Pd    40 16.40   0.5
BAG     21.89 240 eP    40 25.00  -1.0
                  eS    45 06.00
WHN     22.62 281 P     40 34.50   1.6
OCP     22.63 236 eP    40 37.50   4.3X
BJI     22.83 306 eP    40 34.00  -0.9
TIY     24.92 298 P     40 56.00   0.8
HHC     26.41 305 eP    41 08.80  -0.3
XAN     27.25 289 P     41 16.60  -0.2
BTQ     27.46 304 eP    41 18.70   0.0
GYA     29.84 274 P     41 40.60   0.4
LZH     31.52 293 eP    41 54.00  -1.0
CD2     31.70 283 P     41 56.60   0.2
GTA     34.95 299 P     42 24.40  -0.2
                  S     48 33.50
CHG     38.94 265 iPd   42 59.00   0.8
         0.8s    10.07nm          4.7mb
CHTO    38.94 265 eP    42 58.20   0.0
         1.6s    34.12nm          5.0mb
                  pP    43 35.90 174kmX
MTN     42.23 193 eP    43 25.00  -0.2
SHL     42.97 278 eP    43 31.50   0.0
                  iS    50 38.00
WMO     44.29 305 P     43 42.00   0.1
PSI     47.08 244 eP    44 04.80   0.6
         0.7s    10.80nm          4.9mb
PKI     48.05 282 eP    44 12.10   0.0
         1.1s    29.00nm          5.2mb
KKN     48.10 283 eP    44 12.80   0.4
         1.1s    64.00nm          5.5mb
DMN     48.30 283 eP    44 14.50   0.6
WB2     48.69 187 eP    44 14.80  -1.7
                  i     44 52.20
WRA     48.69 187 Pc    44 15.60  -1.0
         0.4s     9.00nm          5.1mb
CTA     48.83 173 iPc   44 16.30  -1.3
         1.5s    40.28nm          5.2mb
                  i     44 54.30
                  iS    51 52.00
ASPA    52.41 187 eP    44 42.00  -2.9X
                  e     45 21.00
                  eS    52 38.00
IMA     54.43  27 eP    44 59.60   0.1
NDI     54.72 286 eP    45 02.20   0.3
                  ePcP  45 39.00
                  eS    53 22.00
FBA     56.75  29 eP    45 16.30   0.3
GBA     59.91 270 Pc    45 38.90   0.2
QUE     62.81 291 eP    45 57.00  -1.2
                  e     46 35.00
MBC     64.79  15 eP    46 10.00  -0.4
         0.7s    29.00nm          5.4mb
ALE     68.49   3 ePd   46 33.60  -0.1
         1.0s    23.00nm          5.1mb
YKA     71.54  28 eP    46 53.80   1.3
YKC     71.60  28 eP    46 52.00  -0.8
         0.7s    20.00nm          5.2mb
KJF     73.63 335 eP    46 57.00  -7.8X
DAG     74.00 355 iPc   47 05.80  -0.8
         1.0s    11.00nm          4.7mb
PNT     74.91  42 eP    47 12.00  -0.5
         1.0s    12.00nm          4.8mb
SUF     75.03 334 iP    47 12.00  -0.9
         0.6s     2.20nm          4.3mb
EDM     76.54  36 eP    47 21.50  -0.1

NEW     76.86  42 eP    47 23.00  -0.5
                  e     48 01.00
NUR     76.89 333 eP    47 23.00  -0.3
SES     79.22  38 eP    47 36.00  -0.4
JAS1    79.62  53 eP    47 39.70   0.9
UPP     80.04 334 iP    47 39.50  -1.0
BMN     80.59  49 eP    47 44.50   0.4
         1.2s     2.82nm          4.1mb
LRM     80.84  43 eP    47 46.30   0.9
                  e     48 22.30
FFC     81.27  31 eP    47 47.00  -0.1
         0.8s     5.00nm          4.5mb
HFS     81.30 336 eP    47 46.40  -0.8
         0.1s     1.50nm          4.9mb
      Z  16s     1.52um          5.4MszX
                  LR    26 06.00
NB2     81.51 338 P     47 45.40  -2.9X
         1.0s     9.20nm          4.7mb
EUR     81.90  49 iP    47 51.50   0.5
         0.3s     3.08nm          4.8mb
SBB     83.02  54 eP    47 53.00  -3.7X
                  e     48 33.00
PAS     83.04  55 eP    48 37.00  10.2X
                  e     48 34.00
MWC     83.09  55 eP    48 03.00   5.8X
                  e     48 35.00
GSC     83.44  53 eP    48 02.00   3.1X
                  e     48 36.00
BDW     84.24  44 eP    48 03.10   0.1
         0.9s     1.37nm          4.0mb
TPC     84.58  54 eP    48 04.00  -0.6
                  e     48 41.00
FRB     85.10  12 eP    48 07.00   0.5
                  pP    48 44.00 146kmX
GLA     86.00  54 eP    48 12.00   0.3
                  e     48 49.00
RSSD    86.72  41 eP    48 15.50   0.2
RSON    87.59  31 eP    48 18.20  -0.8
         1.5s     6.68nm          4.6mb
ALQ     90.72  49 eP    48 34.00  -0.4
LTX     95.97  52 eP    49 01.00   2.5
CHN    131.91  52 ePKP  54 52.00   6.5X
ARE    148.33  74 ePKP  55 19.00   4.2X
ZOBO   151.06  71 PKPd  55 20.90   1.6
         0.5s    35.06nm
                  LR    46 44.00
LPB    151.21  71 PKPd  55 20.00   0.6
                  i     55 27.00
                  LR    46 40.00
CNCB   151.45  72 ePKP  55 20.00   0.1
                  i     56 26.50
TPZ    152.80  81 ePKP  55 26.00   4.5X
                  e     56 04.00
      S.D. = 0.9  on  67 of  78 obs.

   JUN  07, 1985  09h 36m 12.18± 0.87s
   28 735 N ± 4.2km  140.342 E ± 4.4km
   DEPTH =  47.8 ±  7.6 km
   5.1mb ( 22 obs.)  5.4Msz (  4 obs.)
 BONIN ISLANDS REGION                 (212)
      Ms 5.4 (BRK).
      CENTROID, MOMENT TENSOR         (HRV)
      Data Used: GDSN
      L.P.B.: 11S, 19C
      Centroid Location:
      Origin Time        09:36: 8.7 0.5
      Lat 28.60N 0.07 Lon 139.97E 0.08
      Dep  10.0 FIX Half-duration  1.8
      Moment Tensor; Scale 10**24 D-CM
        Mrr=-1.52 0.10  Mtt=-0.13 0.08
        Mff= 1.65 0.14  Mrt=-0.33 0.25
        Mrf= 0.17 0.24  Mtf=-0.67 0.08
       Principal Axes:
        T  Val=  1.89  Plg= 4   Azm=251
        N       -0.30       12      160
        P       -1.59       78        2
      Best Double Couple:Mo=1.7*10**24
       NP1:Strike=353 Dip=42 Slip= -72
       NP2:       150      51      -105

HJJ      4.38 354 eP    37 20.00   2.2
                  eS    38 24.00
KYS      6.45 359 eP    37 45.60  -1.3
YOK      6.71 355 eP    37 49.00  -1.6
OYM      6.73 352 eP    37 52.00   1.1
SRY      6.91 353 eP    37 53.90   0.4
DDR      7.31 353 eP    38 01.50   2.4
```

07d 09h

TSK	7.46	359	eP	38	01.10	0.0
MVI	8.60	252	iP	38	12.90	-4.0X
			eS	40	06.00	
SHK	8.72	313	ePc	38	15.60	-2.9
NII	9.21	354	eP	38	27.00	1.7
SEO	14.24	312	iP+	39	37.60	4.9X
GUMO	15.65	163	e(P)	39	49.00	-2.1
PJG	15.65	163	e(P)	39	48.80	-2.3
GUA	15.71	163	e(P)	39	49.20	-2.7
	1.3s	600.00nm			5.6mb	
SSE	16.77	283	iP+	40	07.00	1.7
Z	20s	10.70um				
N	11s	3.40um				
E	11s	3.30um				
			pP	40	18.00	
			S	43	18.00	
			SS	43	38.00	
ANP	17.15	262	iP+	40	12.00	1.9
			iS	43	39.00	
MDJ	18.02	334	eP	40	16.50	-4.1X
DL2	18.53	308	Pc	40	29.00	2.0
			sP	40	37.00	
NJ2	18.83	285	P	40	32.00	1.4
SNY	18.87	318	iPd	40	30.00	-1.1
			sP	40	43.00	
			S	44	10.20	
			PcP	44	44.00	
CN2	19.20	326	iPd	40	32.00	-2.8
			ePPP	41	04.00	
			S	44	13.00	
			SS	44	44.00	
QZH	19.77	264	iPc	40	42.00	0.9
			PP	41	06.50	
			S	44	25.00	
TIA	20.93	297	P	40	53.60	0.5
BAG	21.95	240	eP	41	20.00	16.4X
			eS	46	18.00	
WHN	22.65	281	P	41	12.00	1.7
MAN	22.68	236	eP	41	13.60	3.0X
BJI	22.84	306	eP	41	11.00	-1.0
			eS	45	22.00	
			SS	46	09.00	
HKC	24.44	261	eP	41	30.00	2.3
			eS	46	07.00	
GZH	24.90	263	Pc	41	34.00	1.9
			S	46	00.00	
TIY	24.93	298	P	41	32.20	-0.2
CGP	24.98	219	eP	41	33.00	0.1
HHC	26.42	305	iPd	41	45.00	-1.3
XAN	27.28	289	P	41	53.00	-1.1
BTO	27.47	304	P	41	56.50	0.6
PPR	27.69	231	ePc	41	56.00	-1.9
QIZ	29.44	258	iPc	42	15.00	1.3
GYA	29.88	274	P	42	17.00	-0.7
			PP	43	26.00	
			S	47	19.00	
LZH	31.54	293	eP	42	32.00	-0.2
N	12s	2.10um				
E	12s	3.50um				
			eS	47	39.00	
CD2	31.73	283	P	42	32.50	-1.3
			S	47	42.50	
KMI	33.63	273	Pc	42	50.00	-0.7
E	16s	5.00um				
			S	48	10.00	
GTA	34.96	299	P	43	01.40	-0.5
LGE	37.12	261	eP	43	20.00	-0.1
LMG	38.17	167	eP	43	27.00	-2.1
NST	39.24	259	eP	43	38.00	0.1
MKS	39.28	214	iPd	43	48.00	9.8X
KHT	40.97	259	eP	43	53.50	1.4
MTN	42.28	193	eP	44	05.00	2.2
LSA	42.68	284	P	44	07.20	0.6
WMQ	44.30	305	P	44	18.00	-1.2
IPM	44.34	245	ePc	44	20.30	0.7
PPI	47.97	240	eP	44	48.50	0.1
WRA	48.74	188	Pc	44	55.50	1.4
	0.8s	85.70nm			5.8mb	
TTA	52.87	31	P	45	25.00	-0.2
KSH	53.35	300	Pc	45	30.00	0.9
			S	53	08.00	
MBL	53.41	204	eP	45	28.00	-1.4
KDC	54.10	38	P	45	33.80	-0.3
IMA	54.37	27	P	45	36.40	0.1
PMR	55.94	33	P	45	45.90	-1.5
HYB	57.41	273	eP	45	57.00	-1.6
MEK	58.87	203	eP	46	10.00	1.4
POO	61.09	276	iPc	46	19.00	-5.0X
KOD	61.41	266	eP	46	27.00	0.4
			eS	54	49.00	
MRWA	62.15	204	eP	46	32.00	1.2
YOU	63.13	173	eP	46	36.80	-0.4
CAN	64.23	172	eP	46	43.90	-0.5
WAM	65.08	172	eP	46	50.00	0.2
MHI	66.75	300	eP	47	07.00	6.1X
KHI	68.14	298	eP	47	09.30	-0.5
PHC	69.67	43	eP	47	18.50	-0.1
KEV	70.90	340	iP	47	25.80	0.0
	0.8s	13.20nm			4.9mb	
			eS	56	44.00	
RSNT	71.49	28	P	47	28.90	-0.5
SOD	72.28	338	iP	47	32.00	-2.1
PGC	72.84	44	eP	47	38.00	0.3
KJF	73.61	335	eP	47	42.00	0.1
Z	18s	1.40um			5.3Msz	
			eS	57	14.00	
			LR	17	36.00	
DAG	73.95	355	iPd	47	42.70	-1.0
	1.3s	86.54nm			5.5mb	
			i	47	50.00	
SHI	74.66	296	eP	47	48.00	-0.9
PNT	74.84	42	eP	47	49.00	-0.4
	1.0s	27.00nm			5.1mb	
SUF	75.01	334	iP	47	48.50	-1.5
	0.4s	4.00nm			4.7mb	
FHC	75.79	51	eP	48	00.00	5.0X
EDM	76.48	36	iPc	47	58.80	0.2
NEW	76.80	42	P	48	00.20	-0.3
	1.0s	8.63nm			4.7mb	
NUR	76.87	333	eP	47	58.00	-2.5
Z	19s	0.30um			4.6Msz	
			eS	57	44.00	
WDC	76.88	51	eP	48	01.70	0.7
			e	48	08.00	
MSZ	77.27	160	P	48	03.20	0.4
MIN	77.62	51	eP	48	03.90	-1.4
ORV	78.05	51	eP	48	07.00	-0.5
			i	48	13.60	
BRK	78.29	53	eP	48	08.90	0.1
			e	48	15.40	
BKS	78.31	53	eP	48	10.30	1.4
	0.9s	44.00nm			5.5mb	
Z	20s	1.90um			5.4Msz	
E	20s	1.70um				
			e	48	15.60	
			eLR	11	44.00	
MHC	78.97	54	eP	48	13.40	0.6
			e	48	19.00	
ARN	79.05	53	P	48	13.30	0.3
WCN	79.36	51	P	48	15.80	0.9
SAO	79.38	54	eP	48	16.00	1.2
JAS1	79.56	53	eP	48	16.20	0.4
	0.7s	3.10nm			4.4mb	
UPP	80.02	334	iP	48	16.30	-1.4
			i	48	22.80	
			iS	58	20.00	
PRI	80.23	54	eP	48	20.00	0.5
FRI	80.50	53	eP	48	21.00	0.2
			e	48	27.20	
BMN	80.53	49	eP	48	21.40	0.3
	1.2s	8.47nm			4.6mb	
MNA	80.88	51	eP	48	23.80	0.8
			i	48	29.60	
NB2	81.48	338	P	48	22.90	-2.6
	1.2s	43.70nm			5.3mb	
GDH	81.78	5	eP	48	26.00	-0.8
			eS	58	48.00	
PMO	81.80	112	iP	48	30.20	2.4
	1.1s	50.00nm			5.4mb	
EUR	81.83	49	eP	48	27.50	-0.5
ISA	82.02	54	eP	48	28.00	-0.8
TPT	82.02	112	iP	48	31.30	2.4
	1.1s	35.00nm			5.3mb	
RUV	82.32	112	iP	48	33.00	2.5
	1.1s	40.00nm			5.4mb	
CLC	82.56	53	eP	48	32.00	0.4
DUG	83.54	48	P	48	37.50	0.8
	1.2s	33.61nm			5.3mb	
CLI	83.76	320	eP	48	38.00	0.5
BDW	84.17	44	P	48	40.00	0.0
	1.0s	5.00nm			4.5mb	
AKU	84.42	351	eP	48	26.70	-13.7X
	1.4s	74.42nm				
			i	48	42.70	
BAR	84.80	56	eP	48	43.00	0.0
COP	84.92	333	eP	48	40.00	-3.1X
			iS	59	11.00	
KRA	85.46	326	eP	48	46.00	0.1
			e	48	54.00	
BUC	85.69	319	eP	48	48.00	0.8
SPC	85.87	325	eP	48	49.00	0.7
RSSD	86.66	41	eP	48	52.60	0.3
	1.4s	12.26nm			4.9mb	
KSP	86.67	328	ePc	48	51.50	-0.4
RSON	87.53	31	eP	48	55.60	-0.4
	1.5s	20.04nm			5.1mb	
8RG	87.72	329	iPc	48	56.80	-0.1
	1.4s	24.00nm			5.2mb	
CLL	87.82	330	eP	48	56.00	-1.4
	1.8s	26.00nm			5.2mb	
PRU	88.07	328	eP	48	57.00	-1.7
Z	15s	1.30um			5.5MszX	
N	17s	0.80um				
E	17s	1.70um				
			e	59	30.00	
			e	00	15.00	
ZST	88.09	326	eP	48	59.70	0.9
GOL	88.53	45	eP	49	01.70	0.2
GLD	88.60	45	eP	49	03.50	1.8
MOX	88.91	330	eP	49	02.00	-0.7
Z	16s	1.10um			5.4MszX	
N	15s	1.20um				
E	15s	1.20um				
KHC	89.12	328	P	49	03.30	-0.5
Z	16s	0.90um			5.3MszX	
N	16s	0.50um				
E	16s	0.70um				
VAY	89.64	318	eP	49	05.00	-1.3
ALQ	90.66	49	eP	49	11.00	-0.4
	1.0s	8.25nm			5.1mb	
Z	22s	2.17um			5.5Msz	
OHR	90.80	319	eP	49	10.40	-1.3
LHC	91.29	30	eP	49	14.00	0.3
DOU	92.25	333	P	49	19.00	0.8
Z	16s	0.90um			5.3MszX	
			e	00	32.00	
LTX	95.91	52	eP	49	36.90	1.4
	1.0s	2.20nm			4.6mb	
BOG	133.15	51	ePKP	55	21.00	-4.5X
ATB	152.01	28	e(PKP)	56	03.90	6.4X
ROCH	152.81	107	iPKP	56	04.50	6.1X
PEL	153.08	107	ePKP	56	06.30	7.7X
PCH	153.21	108	ePKP	56	06.50	7.7X
FCH	153.41	108	ePKP	56	07.50	8.1X
SOB1	160.54	4	e(PKP)	56	09.00	0.7
			e	56	50.60	
			e	56	56.50	

S.D. = 1.3 on 122 of 139 obs.

JUN 07, 1985 11h 25m 04.48± 0.31s
7.993 S ± 5.4km 74.382 W ± 8.5km
DEPTH = 157.1km (5 depth phases)
4.4mb (9 obs.)
PERU-BRAZIL BORDER REGION (112)

ARE	8.88	162	eP	27	19.00	8.0X
PSO	9.58	342	iP	27	20.00	-0.4
ZOBO	10.25	144	Pc	27	28.60	-0.7
	0.3s	18.55nm			5.2mb	
LPB	10.47	145	iPc	27	31.80	-0.3
	1.0s	80.00nm			5.3mb	
CNCB	10.76	145	iP	27	35.80	-0.2
			S	30	00.00	
BOG	12.54	1	eP	28	01.00	2.1
TPZ	14.47	158	eP	28	40.00	16.5X
YJA	16.49	150	e(P)	28	48.40	-0.2
SDV	17.18	13	eP	28	57.60	0.8
TOV	18.24	15	eP	29	09.50	0.7
SLA	18.68	154	ePd	29	14.60	1.1
ATB	22.53	79	e(P)	29	52.50	0.6
PEL	25.26	173	iPc	30	18.80	1.0
SOB1	33.13	95	eP	31	27.10	-0.8
	0.6s	1.80nm			4.0mb	
			e	31	28.40	5kmX
			e	32	02.60	
ITR	35.58	94	eP	31	47.90	-0.9
			e	31	50.30	8kmX
			e	32	24.20	
JCT	45.37	329	eP	33	09.00	0.1
BHO	46.39	336	eP	33	07.20	-9.7X
			e	33	51.30	202kmX

RLO	48.02	337	eP	33	29.20	-0.4
			e	34	05.20	160km
TUL	48.10	337	eP	33	30.00	-0.1
	0.7s		7.00nm			4.5mb
			e	34	06.40	162km
ALQ	52.36	327	eP	34	02.00	-0.7
	1.0s		7.25nm			4.4mb
			e	34	35 00	142kmX
RSSD	58.39	335	eP	34	46 00	0.1
	0.9s		5.46nm			4.5mb
BDW	59.83	331	eP	34	54.00	-1.8
	0.9s		1.88nm			4.0mb
EUR	60.93	324	iP	35	03.50	0.1
	1.0s		2.12nm			4.0mb
NEW	67.46	331	eP	35	45.00	-0.3
			e	36	21.00	149km
EDM	69.35	336	ePd	35	55.60	-1.2
PNT	69.39	330	eP	35	57.00	-0.1
	0.7s		8.00nm			4.6mb
			pP	36	36.00	162km
KIC	70.90	80	eP	36	06.00	-0.9
FRB	71.67	3	eP	36	10.00	-0.4
YKC	76.72	342	eP	36	39.00	-0.5
YKA	76.77	342	eP	36	40.20	0.4
SPA	82.06	180	e(P)	37	10.10	1.8
INK	86.51	341	eP	37	30.50	0.2
MBC	88.08	350	eP	37	38.00	0.3
			pP	38	17.00	154km
WB2	140.37	225	ePKP	44	05.20	-12.2X
WRA	140.38	225	PKPc	44	17.60	0.2
	0.8s		6.10nm			
BJI	146.72	345	ePKP	44	28.00	0.4
GBA	151.78	76	PKPc	44	43.50	7.4X
	0.7s		9.40nm			
KKN	152.48	42	ePKP	44	45.00	7.9X
	0.7s		12.00nm			
DMN	152 48	42	ePKP	44	45.90	8.7X
PKI	152.71	42	ePKP	44	45.40	7.8X
	0.5s		6.00nm			
	S.D. = 0.8		on 32 of 40 obs.			

* JUN 07, 1985 11h 33m 55.70± 3.43s
23.725 N ±10.6km 122.381 E ±29.4km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWD	0.80	296	iPd	34	11.00	-0.2
TWC	1.01	331	iPc	34	14.80	0.1
			eS	34	28.00	
TWF1	1.06	250	iP	34	16.00	0.3
TATO	1.49	327	e(P)	34	22.50	0.0
TWG	1.50	233	iPd	34	22.50	-0.2
	S.D. = 0 3		on 5 of 5 obs.			

JUN 07, 1985 12h 01m 28.31± 0.71s
4.226 S ± 5.6km 152.692 E ± 5.4km
DEPTH = 56.5 ± 6.7 km
4.9mb (8 obs.) 4.2Msz (1 obs.)
NEW BRITAIN REGION (192)

RAB	0.52	274	iPd	01	39.50	-0.8
BGA	3.13	128	iPc	02	09.50	-6.9X
			eS	02	56.00	
PAA	3.47	127	eP	02	21.00	-0.1
			eS	03	04.00	
MOM	5 71	292	iPc	02	54.20	1.6
LAT	6.16	247	eP	03	02.50	3.6X
ALOA	6.45	201	e(P)	03	11.00	8.0X
LMG	6.48	224	eP	03	01.50	-2.0
PMG	7.53	227	iPc	03	20.20	2.2
VSG	8.57	126	eP	03	33.00	0.6
SVO	8.60	125	eP	03	33.00	0.2
HNR	8.87	126	eP	03	36.00	-0.4
CTA	16.97	201	iPd	05	24.90	1.4
	0.9s		24.37nm			4.4mb
			iS	08	43.00	
GUA	19.26	336	eP	05	51.50	0.2
	1.0s		152.00nm			5.2mb
GUMO	19.33	336	eP	05	51.70	-0.3
	1.3s		431.37nm			5.6mb
PJG	19.33	336	eP	05	51.80	-0.2
NOU	22.38	145	iPc	06	20.90	-2.2
RMO	22.46	189	iPd	06	24.80	0.9
WB2	23.74	227	iPc	06	36.50	0.1
			eS	10	54.00	
			eScP	13	00.00	
WRA	23.75	227	Pc	06	36.30	-0.1
	0.4s		14.20nm			4.8mb
ASPA	26.50	221	eP	07	02.00	-0.5
			e(S)	11	10.00	
YOU	30.17	187	eP	07	35.20	-0.2
CAN	31.13	186	eP	07	44.10	0.3
WAM	32.00	186	eP	07	51.60	0.2
W8N	33.17	226	iPd	08	01.00	-0.8
	0.6s		11.00nm			4.9mb
MBL	36.08	239	iPd	08	25.00	-1.7
PPR	36.58	293	ePd	08	43.00	12.0X
BAG	37.80	304	eP	08	41.50	0.1
TAU	38.81	186	iPd	08	50.40	1.1
MEK	39.51	232	iPd	08	54.40	-1.0
MSZ	42.45	164	P	09	19.60	0.4
MRWA	42.73	230	eP	09	20.00	-1.8
TIA	52.19	323	Pd	10	45.60	9.9X
SNY	52.95	333	eP	10	50.40	9.3X
CN2	53.73	336	Pd	10	54.80	7.9X
BJI	55.36	326	eP	11	08.00	9.2X
KMI	56.58	304	eP	11	18.50	10.3X
CHG	57.64	295	eP	11	31.00	15.5X
CHTO	57.64	295	e(P)	11	16.80	1.3
	1.5s		14.08nm			4.8mb
Z	20s		0.17um			4.2Msz
HHC	58.52	324	iPd	11	31.80	10.4X
LZH	60.75	316	eP	11	44.00	7.1X
SBA	73.95	177	eP	13	02.10	3.2X
	1.0s		33.00nm			5.2mb
WMO	75.25	317	P	13	17.50	10.4X
IMA	79.95	19	eP	13	31.50	-1.2
	1.0s		2.50nm			4.1mb
SPA	85.80	180	e(P)	14	02.50	-0.3
INK	87.96	21	eP	14	12.00	-1.0
KHC	123.40	329	PKP	20	20.00	-0.8
TPZ	132.08	124	PKP	20	44.00	5.3X
CNCB	134.71	119	iPKP	20	44.90	0.9
LPB	134.71	118	PKP	20	44.50	0.7
ZOBO	134.79	118	PKPd	20	44.50	0.3
VAO	146.82	145	ePKP	21	05.60	0.8
			e	21	18.50	
BAO	151.56	134	e(PKP)	21	06.20	-6.2X
			i	21	17.90	
SOB1	160.99	135	ePKP	21	24.20	0.1
			e	22	07.90	
ITR	162.99	139	e(PKP)	21	28.00	1.9
			e	21	38.50	
			e	22	16.30	
	S.D = 1.1		on 38 of 54 obs.			

JUN 07, 1985 12h 28m 40.16± 0.44s
12.301 N ± 6.8km 144.477 E ± 8.3km
DEPTH = 33.0km (normol)
5.0mb (6 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUA	1.30	19	ePd	29	02.30	0.2
GUMO	1.33	16	eP	29	02.50	-0.1
			eS	29	18.80	
PJG	1.33	16	ePd	29	02.40	-0.2
BAG	23.50	283	eP	33	49.00	0.6
WB2	33.56	197	eP	35	18.20	-1.1
WRA	33.56	197	Pc	35	19.00	-0.4
	0.7s		23.50nm			5.2mb
ASPA	37.21	196	eP	35	51.00	0.5
BJI	37.22	323	eP	35	53.50	3.2X
GYA	38.19	297	P	36	00.60	1.8
XAN	38.90	310	eP	36	03.40	-1.2
CD2	41.85	303	eP	36	28.40	-0.6
IPM	43.61	264	ePd	36	45.00	1.5
GTA	47.75	313	P	37	16.40	0.1
PKI	57.08	295	eP	38	25.40	-1.0
	0.6s		13.00nm			5.1mb
KKN	57.21	295	eP	38	26.00	-1.1
	0.9s		20.00nm			5.2mb
DMN	57.35	295	eP	38	28.20	0.0
	0.7s		9.00nm			4.9mb
HYB	63.66	283	eP	39	11.00	0.0
INK	75.70	22	eP	40	24.00	0.3
MBC	79.61	14	eP	40	44.00	-1.2
YKA	84.17	27	eP	41	09.70	0.5
ALE	84.55	3	ePc	41	10.50	-0.2
	0.7s		4.00nm			4.7mb
NEW	86.44	41	eP	41	21.00	0.2
EDM	87.41	36	eP	41	26 00	0.6
EUR	89.51	50	iP	41	36.80	0.8
	0.7s		1.44nm			4.4mb
KIC	144.22	300	ePKP	48	12.60	-2.8X
TPZ	147.02	110	ePKP	48	32.00	11.7X
ZOBO	148.18	101	ePKPc	48	27.50	4.9X
LPB	148.19	102	PKPc	48	28.20	5.8X
CNCB	148.29	102	PKP	48	27.80	5.1X
	S.D. = 0.9		on 23 of 29 obs.			

& JUN 07, 1985 12h 30m 44.82s
60.260 N 146.365 W
DEPTH = 8.3km
SOUTHERN ALASKA (2)
<AGS-P>. ML 3.4 (PMR).

HIN	0.15	334	iP	30	47.98	-0.3
CVA	0.42	46	iP	30	50.40	-2.9
			iS	30	59.93	
FID	0.49	354	iP	30	53.78	-1.0
SGAM	0.62	67	iP	30	55.28	-2.1
			iS	31	04.10	
GLI	0.72	330	iP	30	58.13	-1.0
VZW	0.81	353	iP	30	59.09	-1.6
MID	0.84	179	eP	30	59.60	-1.5
CSG	0.85	61	eP	31	00.18	-1.2
RAGM	0.85	81	iP	31	00.24	-1.2
			iS	31	14.43	
VLZ	0.87	1	eP	30	59.88	-1.9
			eS	31	14.80	
TTV	0.88	335	iP	31	00.59	-1.3
			eS	31	13.77	
KAIM	1.03	108	eP	31	02.40	-2.1
TSIM	1.09	27	eP	31	03.43	-2.2
BMRM	1.12	51	iP	31	04.05	-2.1
CFI	1.15	324	iP	31	04.48	-2.0
			iS	31	23.16	
KLU	1.26	10	iP	31	06.36	-2.0
KMP	1.42	27	iP	31	08.91	-2.0
			eS	31	28.79	
PTE	1.45	296	iP	31	09.40	-1.8
MPA	1.51	280	iP	31	09.86	-2.2
KNK	1.54	319	eP	31	11.67	-1.0
SEW	1.55	266	iP	31	10.32	-2.3
			iS	31	31.96	
SCM	1.65	344	iP	31	12.72	-1.5
GLB	1.72	45	iP	31	13.06	-2.2
SML	1.83	329	iP	31	15.35	-1.4
PMS	1.85	304	iP	31	16.52	-0.6
			iS	31	40.65	
TOA	1.85	3	eP	31	16.40	-0.8
PMR	1.90	316	eP	31	16.40	-1.3
SLKM	1.93	279	iP	31	15.85	-2.4
GHO	1.96	322	eP	31	17.77	-1.0
			eS	31	44.65	
MSE	2.03	322	eP	31	18.28	-1.5
BALM	2.13	67	eP	31	17.34	-3.9
PWA	2.21	311	iP	31	21.12	-1.1
YAH	2.30	85	eP	31	20.97	-2.9
BRLK	2.32	260	iP	31	21.11	-2.8
NKA	2.46	283	eP	31	24.85	-0.9
SUA	2.46	301	eP	31	23.57	-2.4
CTGM	2.58	72	eP	31	26.91	-0.8
SPU	2.94	291	eP	31	29.45	-3.3
CGLM	2.96	293	iP	31	30.30	-2.7
RDT	3.01	279	eP	31	30.15	-3.6
CRP	3.02	292	eP	31	31.28	-2.6
SKT	3.04	307	eP	31	33.93	-0.2
PCA	3.06	90	eP	31	31.91	-2.4
ILM	3.22	271	eP	31	32.97	-3.7
BCPM	3.38	92	eP	31	36.53	-2.4
PNL	3.55	97	eP	31	37.07	-4.3
HON	3.86	99	eP	31	41.03	-4.7
FBA	4.70	353	eP	31	59.20	1.5
	48 obs. ossociated					

JUN 07, 1985 12h 47m 12.53± 0.89s
8.442 S ± 5.5km 122.034 E ± 7.3km
DEPTH = 195.9 ± 10.5 km
5.2mb (11 obs.)
FLORES ISLAND REGION (286)

MKS	4.09	321	iPc	48	17.00	1.1
			eS	49	08.40	
TRT	9.34	274	ePd	49	24.70	0.6
			eS	50	32.00	
KNA	9.80	138	iPc	49	28.30	-1.9
	0.4s		250.00nm			5.9mb
			eS	51	13.00	
MTN	9.95	117	iPd	49	31.10	-1.1
	0.4s		177.00nm			5.8mb

87d 12h

		eS	51	14.00		
MBL	12.82	189 eP	50	07.00	-2.0	
	0.5s	57.00nm			5.3mb	
		eS	52	22.00		
NAU	15.36	203 eP	50	42.00	1.4	
		eS	53	25.00		
KKM	15.52	338 ePc	50	44.70	2.0	
	1.2s	109.90nm			5.2mb	
WRA	16.51	135 Pc	50	53.10	-1.6	
	0.7s	39.20nm			4.9mb	
WB2	16.52	135 iPd	50	54.00	-0.8	
		iS	53	49.20		
CGP	16.99	9 iPc	51	02.00	1.6	
WBN	18.12	167 eP	51	12.00	-0.6	
		eS	54	35.00		
MEK	18.37	190 iPd	51	14.80	-0.4	
		eS	54	35.00		
PPR	18.39	350 ePd	51	17.00	1.6	
	1.0s	110.40nm			5.3mb	
ASPA	18.93	144 iPd	51	21.00	0.0	
	0.6s	57.00nm			5.3mb	
		eS	54	36.00		
KGM	21.36	298 ePd	51	46.80	1.5	
MRWA	21.43	195 iPd	51	46.30	0.3	
	0.4s	9.00nm			4.6mb	
		e	52	06.00		
		eS	55	44.00		
KLG	22.23	181 iPd	51	54.30	0.5	
		eS	56	10.00		
BAL	22.61	192 eP	51	58.00	0.6	
		eS	56	13.00		
KLB	23.38	189 eP	52	05.00	0.2	
		eS	56	27.00		
MUN	24.04	192 eP	52	11.00	-0.1	
		e	52	40.00		
		eS	56	47.00		
IPM	24.62	301 ePc	52	16.20	-0.5	
NWAO	24.77	190 eP	52	18.00	0.2	
		eS	57	04.00		
PMG	24.83	94 eP	52	14.00	-4.6X	
RKG	25.92	190 eP	52	34.00	5.6X	
CTA	26.13	119 iPd	52	30.30	-0.2	
	1.1s	56.96nm			5.2mb	
STK	29.57	145 eP	53	01.00	-0.1	
		e	53	43.00		
QIZ	29.83	336 P	53	02.30	-1.2	
RMQ	31.06	129 eP	53	15.00	0.7	
CMS	31.88	139 eP	53	22.00	0.6	
YOU	35.33	141 iPd	53	52.20	1.4	
CAN	36.39	141 eP	54	01.50	1.7	
WAM	36.89	143 iPc	54	06.20	2.3	
GYA	37.77	337 Pd	54	11.20	-0.3	
KMI	38.29	331 Pd	54	17.00	1.0	
CD2	42.87	337 eP	54	51.70	-1.5	
NOU	44.81	113 iPc	55	09.80	1.0	
PVC	45.91	106 iPc	55	18.50	1.0	
BJI	48.54	354 eP	55	35.50	-2.1	
GBA	49.39	296 Pd	55	41.90	-2.6	
	1.0s	13.70nm			4.4mb	
PKI	50.38	317 iPc	55	50.70	-1.6	
	0.4s	28.00nm			5.2mb	
DMN	50.61	316 P	55	52.80	-1.2	
MDJ	53.25	7 eP	56	10.50	-2.4	
MSZ	53.59	140 P	56	16.20	0.7	
SBA	73.06	171 e(P)	58	20.70	-1.6	
SPA	81.61	180 e(P)	59	10.70	1.0	
ALQ	128.45	52 ePKP	05	58.50	0.3	
	1.0s	3.75nm				
TPZ	148.46	161 PKPd	06	42.10	7.3X	
YJA	148.69	166 e(PKP)	06	41.80	6.5X	
CNCB	153.03	158 PKP	06	50.90	9.0X	
LPB	153.24	158 PKPc	06	54.80	12.8X	
ZOBO	153.47	158 PKPc	06	43.40	0.9	

S.D. = 1.3 on 45 of 51 obs.

? JUN 07, 1985 13h 32m 17.90± 1.09s
51.084 N ±26.8km 178.042 W ±13.1km
DEPTH = 33.0km (normal)
5.1mb (5 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

TTA	16.76	37 eP	36	14.00	2.5	
IMA	19.46	30 eP	36	42.60	-1.9	
FBA	20.89	37 eP	36	57.00	-2.3X	
MBC	33.70	22 eP	38	55.50	-2.0X	
YKA	35.09	46 eP	39	08.40	-1.1	
EDM	38.54	61 iP	39	38.00	-0.7	
NEW	38.54	70 eP	39	39.00	0.2	
EUR	43.94	80 iP	40	24.80	1.3	
	0.2s	2.79nm			4.7mb	
BDW	45.93	72 eP	40	38.50	-0.8	
KKN	72.85	293 eP	43	45.40	-0.1	
	0.6s	31.00nm			5.5mb	
PKI	72.94	293 eP	43	45.70	-0.4	
	0.7s	19.00nm			5.2mb	
DMN	73.09	293 eP	43	47.60	0.7	
	0.8s	12.00nm			4.9mb	
GBA	88.42	290 Pc	45	08.20	0.3	
	0.8s	7.20nm			5.0mb	

S.D. = 1.4 on 11 of 13 obs.

? JUN 07, 1985 14h 41m 35.24± 8.02s
59.376 N ±44.8km 6.805 E ±59.1km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.4 (BER).

ODD	0.58	353 iPg	41	45.00	-2.0	
		eSg	41	55.00		
KMY	0.82	259 iPg	41	49.50	-1.5	
		iSg	42	04.00		
ASK	1.38	325 iPn	41	59.80	-0.6	
		iSn	42	20.00		
HYA	1.82	351 iPn	42	06.00	-0.8	
		iSn	42	32.80		
SUE	1.97	330 iPn	42	07.50	-1.5	
		eSn	42	33.50		

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

? JUN 07, 1985 14h 49m 06.40± 5.00s
41.907 N ±30.5km 24.264 E ±26.3km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

SRS	0.94	213 ePbd	49	24.40	0.1	
		eSb	49	43.70		
KNT	1.27	234 ePb	49	29.30	-0.6	
SOH	1.28	213 ePb	49	30.40	0.2	
		eSb	49	53.80		
VAY	1.40	246 ePn	49	31.60	-0.3	
OUR	1.59	188 ePn	49	34.30	-0.2	
		eSn	50	01.70		
GRG	1.69	236 ePb	49	37.00	0.8	
		eSn	50	04.80		

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

JUN 07, 1985 16h 12m 36.02± 0.74s
23.824 S ± 7.1km 179.798 W ± 4.4km
DEPTH = 506.8 ± 9.6 km
5.1mb (27 obs.)
SOUTH OF FIJI ISLANDS (171)

RAO	5.66	163 P	14	10.00	-0.2	
		S	15	15.00		
NUE	10.33	65 P	14	57.30	-0.7	
		S	16	57.00		
AFI	12.44	39 P	15	17.00	-3.3X	
		S	17	24.00		
GNZ	14.89	187 P	15	46.00	0.9	
		S	18	21.00		
WEL	18.00	193 P	16	17.00	1.3	
		S	19	15.00		
MSZ	23.09	203 P	17	06.00	2.8	
TBI	27.78	95 iP	17	46.00	0.9	
	0.6s	40.00nm			5.1mb	
RMO	28.55	258 iPd	17	53.10	1.2	
	0.5s	84.00nm			5.5mb	
AFR	28.74	83 iP	17	52.90	-0.6	
	0 9s	100.00nm			5.4mb	
PAE	28.88	83 iP	17	54.20	-0.5	
	0.9s	35.00nm			4.9mb	
PPT	28.91	83 iP	17	54.60	-0.4	
	0.9s	65.00nm			5.2mb	
PPN	29.05	83 iP	17	55.40	-0.9	
	0.9s	50.00nm			5.1mb	
TVO	29.14	84 iP	17	56.60	-0.5	
	0.9s	95.00nm			5.3mb	
CAN	29.34	240 iPd	17	59.20	0.5	
		e	18	20.60		
		ePcP	20	54.10		
PMO	31.28	80 iP	18	15.00	-0.4	
	0.9s	30.00nm			4.8mb	
CMS	31.29	248 iPd	18	15.50	0.1	
	0.6s	28.00nm			5.0mb	
VAH	31.44	80 iP	18	17.00	0.3	
	0.9s	35.00nm			4.9mb	
TPT	31.54	80 iP	18	18.20	0.6	
	0.9s	65.00nm			5.2mb	
CTA	31.66	270 iPd	18	19.20	0.6	
	0.6s	114.00nm			5.6mb	
RUV	31.68	80 iP	18	19.40	0.7	
	0.9s	45.00nm			5.0mb	
TOO	32.64	237 iPd	18	27.40	0.6	
	0.6s	33.00nm			5.1mb	
TAU	33.12	227 iPd	18	31.10	0.5	
PMG	34.65	289 iPd	18	44.00	0.3	
	0.9s	151.26nm			5.5mb	
STK	34.93	248 iPd	18	46.20	0.3	
		e	21	05.00		
ADE	37.58	243 iPc	19	08.00	0.2	
ASPA	42.23	260 iPd	19	45.40	-0.1	
		eS	25	27.00		
WB2	42.58	266 iPd	19	47.80	-0.5	
		ePcP	21	29.30		
		eS	25	30.00		
WRA	42.59	266 Pd	19	47.60	-0.8	
	0.6s	52.60nm			5.2mb	
MTN	47.64	274 eP	20	26.00	-1.5	
WBN	48.38	256 iPd	20	32.30	-0.7	
	0.4s	90.00nm			5.6mb	
KNA	48.85	270 iPd	20	35.60	-1.0	
GUA	50.69	313 eP	20	49.70	-0.4	
	0.8s	113.43nm			5.4mb	
GUMO	50.75	313 eP	20	49.90	-0.7	
PJG	50.75	313 eP	20	49.80	-0.8	
KLG	52.16	249 iPd	20	59.60	-1.3	
	0.5s	14.00nm			4.6mb	
SBA	54.46	183 iPd	21	17.00	0.4	
	0.9s	39.50nm			4.7mb	
KLB	55.18	247 iPd	21	21.00	-1.3	
MEK	55.38	253 iPc	21	22.20	-1.6	
	0.4s	8.00nm			4.4mb	
NWAO	55.44	245 eP	21	23.00	-1.1	
RKG	55.47	244 eP	21	23.00	-1.3	
MBL	55.48	260 iPd	21	23.20	-1.3	
	0.5s	28.00nm			4.8mb	
BAL	56.23	248 iPd	21	28.20	-1.4	
MUN	56.43	246 iPc	21	30.00	-1.0	
MRWA	57.08	250 iPd	21	34.30	-1.2	
NAU	59.01	257 iPd	21	48.20	-0.5	
	0.7s	163.00nm			5.6mb	
SPA	66.32	180 iPd	22	35.90	0.6	
	1.1s	63.10nm			5.1mb	
TRT	66.43	272 ePd	22	36.00	-0.5	
MAW	77.89	200 eP	23	42.00	0.4	
KGM	78.83	277 ePc	23	48.00	0.4	
IPM	81.98	279 ePd	24	03.80	0.0	
	0.8s	40.10nm			5.0mb	
MDJ	82.30	326 Pd	24	05.80	1.0	
WHN	83.10	308 P	24	10.00	1.0	
SNY	83.70	321 iPc	24	12.60	0.8	
CN2	83.94	324 Pc	24	13.00	0.1	
TIA	84.31	314 Pd	24	16.00	1.0	
GYA	86.87	301 P	24	28.80	1.1	
BJI	87.10	316 eP	24	29.00	0.7	
TIY	88.27	313 P	24	35.00	1.0	
XAN	88.84	308 iPd	24	37.70	1.1	
KMI	89.39	298 eP	24	41.00	1.4	
CHG	89.82	291 iPd	24	43.20	1.8	
	1.0s	30.00nm			5.2mb	
CHTO	89.82	291 iP	24	43.70	2.3	
	1.0s	30.00nm			5.2mb	
	Z 21s	0.08um			4.1Msz	
		pP	26	46.20	557kmX	
HHC	90.50	315 eP	24	45.20	1.0	
CD2	91.19	303 eP	24	49.20	1.7	
EDM	95.79	34 eP	25	15.50	7.5X	
GTA	97.79	310 P	25	18.30	0.8	
FRB	120.49	29 ePKP	30	28.00	-2.0X	
QUE	120.93	292 ePKP	30	32.00	-0.2	
SOB1	128.13	124 ePKP	30	45.70	-0.6	
BUL	128.27	215 iPKPc	30	46.30	-0.3	
MTD	129.33	220 iPKPc	30	48.00	-0.6	
ITR	130.27	126 ePKP	30	49.20	-1.2	
		e	33	24.30		
KRI	130.42	218 ePKP	30	50.00	-0.7	
NUR	139.60	342 iPKP	31	05.30	-1.1	
	0.4s	10.30nm				
		iSKP	33	53.70		
HFS	142.51	349 ePKP	31	07.00	-4.6X	
	0.6s	17.10nm				

KONO	143.59	352	ePKP	31	11.50	-1.9
MUD	146.74	351	iPKPc	31	21.40	2.7X
	0.4s		9.10nm			
ELO	147.26	4	iPKPd	31	22.20	2.6X
EBH	147.50	4	iPKPd	31	22.90	2.9X
BHL	147.51	296	PKPd	31	24.50	3.6X
ESY	147.88	3	iPKPd	31	23.60	3.0X
MGI	147.88	293	iPKP	31	26.50	5.1X
EAU	147.90	4	iPKPd	31	24.20	3.6X
JER	148.15	292	iPKPd	31	23.30	1.4
EKA	148.43	4	PKPc	31	25.20	3.7X
	1.0s		14.40nm			
PRNI	148.43	290	iPKP	31	27.00	4.7X
KRA	149.62	335	iPKPd	31	28.40	5.0X
			e	31	35.70	
MLR	149.97	322	ePKP	31	29.00	4.7X
SPC	150.18	333	iPKP	31	31.70	7.1X
			e	41	08.40	
KSP	150.28	339	iPKPd	31	30.30	5.9X
	0.8s		50.00nm			
			ic	31	39.40	
CLL	150.83	343	iPKP	31	31.60	6.4X
BRG	150.97	342	iPKPd	31	32.00	6.5X
	1.0s		40.00nm			
			i	31	41.00	
WTS	151.42	351	iPKPc	31	33.20	7.2X
	0.8s		32.00nm			
PRU	151.58	340	PKPd	31	33.00	6.6X
			e	31	44.80	
MOX	151.79	345	ePKP	31	33.50	6.8X
			e	31	45.00	
CLO	151.95	325	ePKP	31	34.00	6.9X
ZST	152.22	335	iPKPc	31	47.70	20.4X
KHC	152.63	341	PKPc	31	27.90	-0.1
			i	31	49.50	
ENN	152.74	352	ePKP	31	49.00	21.0X
	0.7s		17.00nm			
GRF	152.77	344	ePKP	31	36.20	8.1X
			e	31	49.90	
BNG	153.84	225	iPKPd	31	30.00	-0.6
	0.9s		54.00nm			
			i	31	38.90	
			i	31	59.00	
BCAO	153.84	225	ePKP	31	29.80	-0.8
	1.1s		9.13nm			
VAY	154.43	318	ePKP	31	38.40	7.8X
			i	31	57.00	
CDF	154.83	349	e(PKP)	31	57.90	26.9X
	0.7s		4.80nm			
	S.D. = 1.0		on 76 of 104 obs.			

JUN 07, 1985 16h 18m 36.34±12.46s
61.378 N ±70 1km 8.032 E ±75.6km
DEPTH = 15 0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.3 (BER).

HYA	0.92	257	iPg	18	53.40	0.0
			eSg	19	04.00	
ODD	1.58	206	iPn	19	03.10	-0.8
			iSn	19	20.80	
SUE	1.62	260	iPn	19	04.50	0.2
			eSn	19	23.50	
ASK	1.65	238	iPn	19	04.10	-0.7
			iSn	19	23.50	
KMY	2.58	214	ePn	19	19.40	1.3
			iSn	19	50 50	
	S.D. = 1.2		on 5 of 5 obs.			

JUN 07, 1985 16h 29m 01.99± 0.29s
35.543 N ± 3.2km 140.136 E ± 3.6km
DEPTH = 63.5 ± 2.5 km
4.9mb (21 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (III JMA) at Tokyo and Chiba, (II JMA) at Yokohama and Kofu, (I JMA) at Utsunomiyo and Kowoguchi. Also felt (II JMA) on Oshima.

TOK	0.34	295	iPd	29	12.80	-0.1
			iS	29	20.90	
KYS	0.34	178	iPd	29	12.50	-0.4
YOK	0.41	255	iPd	29	14.10	0.6
			iS	29	23.30	
TAT	0.60	202	iPd	29	15.70	0.3
			iS	29	26.60	

CHO	0.60	72	iPc	29	14.10	-1.4
			iS	29	23.70	
TSK	0.67	358	iPc	29	14.80	-1.5
SRY	0.71	276	iPc	29	16.90	0.2
OYM	0.74	261	iPc	29	17.40	0.2
KMG	0.86	315	iPc	29	18.80	0.2
			S	29	33.20	
MIT	0.88	18	Pc	29	17.90	-0.9
			iS	29	29.90	
DDR	0.89	301	iPc	29	19.10	0.0
AJI	0.99	240	Pd	29	20.00	-0.2
			S	29	33.20	
OSH	1.00	219	Pd	29	19.70	-0.7
			iS	29	32.70	
UTS	1.02	348	iPc	29	19.80	-0.9
			iS	29	33.10	
KOF	1.29	276	P	29	24.90	0.6
			iS	29	41.30	
SHZ	1.53	249	eP	29	28.00	0.5
			iS	29	48.40	
ONA	1.53	24	eP	29	27.00	-0.6
			S	29	45.00	
IID	1.88	270	ePc	29	34.00	1.6
			S	29	57.70	
NGN	1.93	306	eP	29	34.00	0.9
			S	30	02.10	
HMM	2.15	248	eP	29	42.00	5.9X
			eS	30	08.00	
FKS	2.23	7	P	29	37.00	-0.2
			S	30	05.00	
HJJ	2.45	187	eP	29	40.00	-0.4
			iS	30	07.20	
NII	2.52	340	eP	29	42.00	0.7
			eS	30	13.00	
NAG	2.62	263	eP	29	45.00	2.3
			e	30	19.00	
HIK	3.19	266	eP	30	01.00	10.2X
			e	30	37.50	
SHK	6.20	263	eP	30	42.50	9.4X
MDJ	12.13	322	eP	31	54.50	0.5
CN2	13.99	311	Pc	32	21.00	2.6
SNY	14.37	301	eP	32	24.40	1.0
TIA	18.66	279	eP	33	16.50	-0.8
BJI	19.44	291	eP	33	24.50	-1.5
WHN	22.16	264	eP	33	54.50	0.8
GUMO	22.27	168	eP	33	56.20	1.2
PJG	22.27	168	eP	33	56.20	1.2
GUA	22.33	168	eP	33	56.30	0.7
HHC	23.02	292	eP	34	00.80	-1.5
BTO	24.18	291	eP	34	14.20	0.7
XAN	25.63	276	eP	34	26.00	-1.2
LZH	29.33	282	eP	35	00.50	-0.5
GYA	29.97	262	Pd	35	05.60	-1.1
CD2	30.67	272	eP	35	12.40	-0.3
GTA	32.05	289	eP	35	24.20	-0.6
PKI	46.80	276	iPd	37	27.10	-0.5
	0.8s		17.00nm		5.0mb	
KKN	46.82	277	iPd	37	27.30	-0.3
	0.8s		24.00nm		5.2mb	
DMN	47.03	276	iPd	37	29.00	-0.3
NDI	52.95	281	eP	38	13.00	-1.1
WB2	55.45	187	iPd	38	31.00	-1.4
WRA	55.45	187	Pd	38	30.90	-1.5
	0.4s		10.50nm		5.2mb	
HYB	57.13	269	eP	38	43.50	-1.2
MBC	58.24	16	eP	38	51.00	-0.6
ASPA	59.18	187	eP	38	59.00	0.4
MBL	59.59	202	eP	39	00.00	-1.4
GBA	60.07	266	Pd	39	04.30	-0.7
	0.5s		15.80nm		5.4mb	
QUE	60.41	288	eP	39	06.00	-1.3
ALE	61.67	3	ePd	39	14.60	-0.5
	0.6s		3.00nm		4.6mb	
WBN	62.67	194	iPd	39	21.80	-0.4
KEV	64.47	339	iP	39	33.20	-0.3
	0.6s		7.80nm		4.9mb	
MEK	65.10	201	eP	39	38.00	-0.1
YKA	65.61	29	eP	39	42.10	1.1
YKC	65.67	29	eP	39	41.00	-0.4
SOD	65.94	337	iP	39	42.20	-0.8
DAG	67.18	355	iPd	39	49.80	-0.9
	0.7s		10.96nm		4.9mb	
KJF	67.40	334	iP	39	51.80	-0.6
	0.7s		30.70nm		5.4mb	
MRWA	68.31	203	eP	39	58.00	-0.4
SUF	68.85	333	iP	40	00.60	-0.7
	0.7s		13.70nm		5.0mb	

NUR	70.78	332	iP	40	12.70	-0.4
	0.6s		15.60nm		5.1mb	
CAN	70.98	172	eP	40	07.80	-6.8X
UPP	73.83	334	iP	40	30.30	-0.8
HFS	75.02	335	eP	40	37.50	-0.5
	0.9s		8.40nm		4.7mb	
	Z 14s		0.04um		3.9MszX	
			LR	12	43.00	
NB2	75.16	337	P	40	36.80	-2.1
	0.7s		8.30nm		4.8mb	
FFC	75.52	32	iPc	40	41.20	0.3
	0.8s		10.00nm		4.8mb	
LRM	75.94	43	eP	40	44.80	1.6
			e	41	01.80	
BMN	76.25	50	eP	40	46.80	1.2
	1.0s		3.75nm		4.3mb	
EUR	77.59	50	iP	40	54.00	0.9
	0.2s		12.56nm		5.5mb	
FRB	78.46	13	eP	40	57.00	0.0
BDW	79.44	45	eP	41	04.00	0.9
	0.9s		2.91nm		4.2mb	
KRA	79.74	326	eP	41	04.80	0.5
KSP	80.82	328	eP	41	10.30	0.3
BAR	81.14	56	eP	41	13.00	0.9
RSSD	81.63	41	eP	41	15.30	0.6
	1.0s		3.50nm		4.3mb	
BRG	81.80	329	iP	41	15.40	0.3
	0.6s		14.00nm		5.1mb	
CLL	81.87	330	iP	41	15.80	0.4
	1.1s		17.00nm		4.9mb	
GLA	82.16	55	eP	41	19.00	1.6
PRU	82.21	328	P	41	18.00	0.8
			e	41	37.00	
KHC	83.26	328	P	41	23.20	0.4
			e	41	40.50	
GRF	83.84	329	ePKP	41	26.30	0.6
VAY	84.47	318	eP	41	29.60	0.7
SKO	84.63	319	eP	41	31.00	1.2
ALQ	86.34	49	eP	41	39.00	0.3
	1.0s		5.25nm		4.6mb	
LTX	91.85	52	eP	42	06.00	1.4
	1.2s		0.87nm		4.1mb	
ZOBO	148.33	60	ePKPc	48	44.60	4.4X
LPB	148.52	60	ePKP	48	45.00	4.7X
CNCB	148.79	61	ePKP	48	42.00	1.1
			i	48	46.70	
TPZ	151.15	69	(PKP)	48	56.00	11.9X
	S.D. = 0.9		on 87 of 94 obs.			

& JUN 07, 1985 18h 06m 14.30s
34.390 N 120.110 W
DEPTH = 2.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.6 (PAS). Felt at Goleta.

SYP	0.17	39	iPd	06	17.80	0.0
BLP	0.29	305	iP	06	20.60	0.4
SBC	0.33	81	iPc	06	21.30	0.4
			iS	06	26.20	
PHAM	1.46	351	eP	06	38.50	-3.2
WKTM	1.96	44	eP	06	46.50	-2.4
SDW	2.52	84	eP	06	53.50	-3.5
EUR	6.07	32	iP	07	52.00	4.5
	0.2s		2.23nm		4.6mb X	
	7 obs. associated					

JUN 07, 1985 18h 23m 58.59± 0.26s
26.931 N ± 5.0km 96.195 E ± 3.8km
DEPTH = 33.0km (normal)
4.9mb (28 obs.)
BURMA (296)

SHL	4.10	252	iP	25	00.00	-0.8
LSA	5.23	303	P	25	18.30	1.3
			eS	26	22.60	
KMI	6.16	106	Pc	25	31.00	1.1
			PP	25	38.50	
			S	26	44.50	
			Lg	27	16.00	
			e	27	25.00	
CD2	7.72	57	P	25	52.60	1.6
			eS	27	22.00	
CHG	8.47	162	iPd	26	02.60	0.7
	0.8s		7.46nm		4.9mb	
CHTO	8.47	162	ePn	25	59.70	-2.2
GYA	9.37	91	P	26	14.00	-0.6

07d 18h

		S	27 57.00			
PPI	9.62	276 eP	26 15.40	-2.8		
KYN	9.74	278 eP	26 17.50	-2.2		
DMN	9.89	276 eP	26 19.90	-1.9		
LOE	10.77	150 eP	26 35.00	1.3		
		e	29 46.00			
LZH	11.22	34 eP	26 37.50	-2.3		
	1.0s	65.00nm		5.8mb		
		eLg	29 33.00			
GTA	12.81	13 P	27 00.00	-1.2		
XAN	13.06	54 Pc	27 00.70	-3.7X		
QIZ	14.82	119 eP	27 29.80	2.3		
GZH	16.01	100 P	27 44.50	1.6		
WHN	16.32	73 eP	27 46.00	-0.9		
NDI	16.88	280 eP	27 50.50	-3.5X		
		eS	30 46.00			
TIY	17.41	48 eP	27 58.00	-2.6		
BTO	17.80	37 eP	28 03.00	-2.4		
WMO	18.20	340 eP	28 08.50	-1.9		
HHC	18.81	39 P	28 16.00	-1.9		
HYB	18.86	243 eP	28 18.50	-0.1		
		eS	31 41.00			
TIA	20.06	57 Pc	28 30.20	-1.6		
		eS	32 10.50			
NJ2	20.36	70 eP	28 34.00	-1.0		
KSH	20.97	312 eP	28 43.00	1.6		
BJI	21.12	47 eP	28 44.50	1.8		
		eS	32 44.00			
GBA	21.99	237 Pd	28 51.80	0.2		
	0.7s	30.30nm		4.8mb		
POO	22.21	253 eP	28 57.00	3.1X		
SSE	22.23	73 eP	28 55.20	1.3		
	Z 14s	1.90um		4.7MszX		
		eS	33 04.00			
TSI	23.41	174 e(P)	29 14.00	8.4X		
KOD	24.25	230 eP	29 15.00	0.9		
QUE	25.86	284 eP	29 30.00	0.8		
		e(S)	34 13.00			
SNY	26.90	49 eP	29 37.00	-1.4		
CN2	28.99	47 P	30 00.00	2.7		
		eS	34 42.00			
MHI	32.46	296 iPc	30 29.20	1.0		
SHI	38.38	285 eP	31 19.00	0.2		
BHL	52.03	293 PKP	33 09.00	1.7		
HRI	52.06	292 iP	33 09.80	2.2		
JER	52.79	291 iPd	33 11.40	-1.7		
MBL	53.01	152 eP	33 13.00	-1.5		
PRNI	53.25	289 iP	33 17.00	0.6		
KJF	56.74	331 iP	33 42.00	0.7		
	0.8s	26.40nm		5.3mb		
SUF	57.30	329 iPc	33 46.10	0.9		
	0.6s	14.20nm		5.2mb		
MEK	57.42	156 eP	33 45.00	-1.5		
SOD	57.59	335 iP	33 47.50	0.3		
KEV	57.81	337 eP	33 50.00	1.3		
MLR	57.83	309 eP	33 50.00	0.6		
NUR	57.90	326 iP	33 50.40	0.9		
	0.8s	10.30nm		4.9mb		
WRA	59.48	138 Pd	34 01.80	0.8		
	0.4s	11.40nm		5.4mb		
WB2	59.49	138 eP	33 59.10	-1.9		
VAY	60.93	304 eP	34 10.00	-0.6		
UPP	61.43	326 iP	34 13.80	0.1		
SKO	61.63	305 eP	34 15.00	-0.4		
ASPA	62.11	141 eP	34 17.00	-1.8		
KLG	62.26	155 eP	34 18.00	-1.6		
HFS	63.36	326 eP	34 26.90	0.3		
	0.6s	7.90nm		5.0mb		
	Z 15s	0.19um		4.4MszX		
		LR	01 56.00			
NB2	64.43	327 P	34 32.00	-1.7		
	0.7s	7.10nm		4.9mb		
PRU	64.68	315 P	34 40.90	5.5X		
CLL	65.35	317 eP	34 44.00	4.4X		
KHC	65.48	314 iPd	34 45.80	5.2X		
MOX	66.35	316 eP	34 51.50	5.4X		
GRF	66.84	315 eP	34 54.40	5.2X		
CTA	67.36	129 iPc	34 55.20	2.3		
	0.9s	8.40nm		4.8mb		
WLF	70.00	316 P	35 12.10	3.3X		
LPG	70.95	312 eP	35 14.50	-0.6		
	0.8s	22.30nm		5.3mb		
FRF	71.67	310 eP	35 19.20	0.1		
	0.8s	15.10nm		5.1mb		
LMR	71.84	310 eP	35 20.10	0.0		
	1.0s	12.50nm		4.9mb		
LRG	71.90	310 eP	35 20.60	0.2		

	0.8s	15.10nm		5.1mb		
CDR	72.23	310 ePd	35 23.30	0.9		
LOR	72.24	314 eP	35 22.30	-0.1		
LBF	72.26	314 eP	35 22.40	-0.2		
	0.8s	4.20nm		4.5mb		
SMF	72.47	314 eP	35 23.90	0.1		
	0.7s	5.90nm		4.7mb		
SSF	72.53	314 eP	35 24.30	0.1		
	0.6s	7.20nm		4.8mb		
AVF	72.73	314 eP	35 25.50	0.2		
	0.8s	5.50nm		4.6mb		
BGF	73.14	314 eP	35 28.30	0.6		
	1.0s	6.50nm		4.6mb		
EKA	73.33	324 Pd	35 29.80	1.2		
	0.8s	3.10nm		4.4mb		
MZF	73.43	314 eP	35 30.10	0.7		
	0.8s	6.20nm		4.7mb		
TCF	73.65	314 eP	35 31.10	0.4		
	0.8s	6.70nm		4.7mb		
LSF	74.10	314 eP	35 33.30	0.0		
	0.9s	4.50nm		4.5mb		
CAF	74.25	313 eP	35 35.00	0.8		
	1.0s	10.00nm		4.8mb		
RJF	74.47	313 eP	35 36.40	1.0		
	0.8s	10.70nm		4.9mb		
MBC	74.72	8 eP	35 37.00	0.7		
LPO	74.92	313 eP	35 38.60	0.5		
LFF	75.12	313 eP	35 40.10	0.9		
	0.9s	12.10nm		4.9mb		
MLS	75.67	311 eP	35 42.30	-0.1		
MTD	76.27	243 iPd	35 46.00	-0.2		
BNG	77.00	268 iPc	35 49.70	-0.6		
	0.8s	18.00nm		5.2mb		
		i	35 55.90			
BCAO	77.01	268 eP	35 49.30	-1.1		
	0.6s	3.65nm		4.6mb		
KRI	77.87	244 iPd	35 54.00	-1.1		
INK	78.27	17 eP	35 57.00	0.7		
BUL	80.46	242 iPd	36 08.80	-0.4		
TOL	80.47	310 eP	36 10.00	1.2		
YKA	87.54	14 eP	36 47.60	3.5X		
YKC	87.58	14 eP	36 47.00	2.7		
FRB	88.83	353 eP	36 50.00	-0.2		
SOB1	135.82	285 ePKP	43 20.70	2.2X		
		e	43 23.60			
BAO	144.90	281 e(PKP)	43 27.90	-6.9X		
		e	43 37.90			
		e	43 41.20			
VAO	146.45	268 ePKP	43 40.70	3.6X		
		e	43 42.40			
		e	43 45.60			
	S.D. = 1.3	on 85 of 99 obs.				
•	JUN 07, 1985 19h 24m 48.16± 1.16s					
	40.295 N ±11.3km	25.593 E ± 9.9km				
	DEPTH = 10.0km	(geophysicist)				
	AEGEAN SEA			(365)		
EZN	0.73	130 iPg	25 02.70	0.2		
		iSg	25 12.70			
KGT	1.32	83 iPn	25 11.90	-0.6		
KDZ	1.36	352 iP	25 13.00	-0.1		
MFT	1.38	69 iPn	25 13.90	0.4		
EDC	1.74	88 iPn	25 21.40	2.9X		
DIM	1.75	360 eP	25 19.00	0.3		
MMB	1.92	313 eP	25 21.00	-0.2		
JMB	2.29	19 eP	25 31.00	4.4X		
DST	2.43	105 ePn	25 31.30	2.7X		
VAY	2.51	295 eP	25 37.70	8.0X		
PVL	2.87	354 eP	26 19.00	44.3X		
VTS	2.92	323 eP	25 44.00	8.5X		
	S.D. = 0.5	on 6 of 12 obs.				
%	JUN 07, 1985 20h 15m 11.62± 0.96s					
	45.545 N ± 7.7km	2.883 E ± 9.0km				
	DEPTH = 10.0km	(geophysicist)				
	FRANCE			(538)		
	ML 2.3 (LDG).					
MZF	0.70	343 Pg	15 25.40	-0.1		
		Sg	15 33.50			
CAF	0.85	223 Pg	15 27.00	-1.0		
		Sg	15 37.60			
TCF	0.88	328 Pg	15 28.50	0.0		
		Sg	15 39.00			
RJF	0.99	256 Pg	15 30.50	0.1		
		Sg	15 42.40			

BGF	1.01	359 Pg	15 30.40	-0.4		
		Sg	15 43.30			
LSF	1.18	307 Pg	15 33.30	-0.3		
		Sg	15 48.50			
SMF	1.29	31 Pg	15 33.30	-2.2		
		Sg	15 52.30			
AVF	1.29	15 Pg	15 35.40	-0.1		
		Sg	15 51.80			
LPO	1.48	235 Pg	15 39.20	0.9		
		Sg	15 58.80			
SSF	1.58	16 Pg	15 40.10	0.4		
		Sg	16 00.80			
LBF	1.63	27 Pg	15 41.40	0.9		
		Sg	16 02.90			
LOR	1.85	21 Pg	15 45.20	1.5		
		Sg	16 09.20			
	S.D. = 1.1	on 12 of 12 obs				
	JUN 07, 1985 21h 04m 37.22± 0.97s					
	57.242 N ± 8.4km	155.585 W ± 7.6km				
	DEPTH = 63.8 ± 7.5 km					
	4.5mb (13 obs.)					
	ALASKA PENINSULA			(12)		
KDC	1.75	72 eP	05 06.40	0.6		
SDN	3.34	237 eP	05 27.10	-0.9		
SVW	3.88	360 eP	05 37.10	1.4		
MID	5.34	62 eP	05 56.60	0.4		
PMR	5.47	34 eP	05 56.20	-1.8		
TTA	5.71	358 eP	06 02.10	0.6		
PNL	8.83	67 eP	06 42.40	-2.1		
IMA	8.90	5 eP	06 47.80	2.1		
INK	14.88	33 eP	08 03.00	-2.0		
YKA	20.95	58 eP	09 16.90	0.5		
YKC	21.01	58 eP	09 17.00	-0.1		
	0.7s	11.00nm		4.3mb		
MBC	23.09	21 eP	09 40.00	2.5		
NEW	24.65	95 eP	09 54.50	1.6		
HPI	29.70	99 eP	10 40.00	0.7		
ALQ	39.57	103 eP	12 04.00	0.2		
	0.8s	1.87nm		4.0mb		
FRB	40.16	44 eP	12 08.00	0.0		
SCH	46.29	53 eP	12 57.00	-0.7		
SUF	60.37	359 eP	14 40.00	-1.2		
NB2	61.60	7 P	14 47.10	-2.7		
	0.8s	3.90nm		4.6mb		
HFS	62.66	6 eP	14 55.50	-1.2		
	0.5s	6.00nm		4.9mb		
ELO	64.40	17 ePd	15 07.50	-0.7		
EAB	64.57	17 iPd	15 08.90	-0.4		
EBH	64.64	17 iPd	15 09.30	-0.5		
	0.6s	9.00nm		4.9mb		
EKA	65.58	17 Pc	15 15.70	0.0		
	0.9s	5.40nm		4.5mb		
KHC	73.61	7 P	16 05.50	0.6		
		e	16 23.50			
LOR	74.46	14 eP	16 10.40	0.5		
SSF	74.62	15 eP	16 10.90	0.2		
	0.7s	4.40nm		4.5mb		
LBF	74.76	14 eP	16 11.30	-0.3		
	0.7s	2.40nm		4.2mb		
AVF	74.86	15 eP	16 12.30	0.2		
	0.6s	4.10nm		4.5mb		
BGF	75.02	15 eP	16 13.30	0.3		
	0.7s	4.20nm		4.5mb		
SMF	75.07	15 eP	16 13.40	0.0		
LSF	75.12	16 eP	16 13.70	0.0		
	0.7s	4.40nm		4.5mb		
TCF	75.19	16 eP	16 13.90	-0.2		
MZF	75.31	15 eP	16 14.80	0.0		
LFF	76.28	17 eP	16 20.60	0.4		
	0.6s	5.60nm		4.7mb		
LPO	76.60	17 eP	16 22.40	0.4		
	0.6s	5.60nm		4.7mb		
SPA	147.07	180 e(PKP)	24 12.00	1.4		
	S.D. = 1.2	on 37 of 37 obs.				
	JUN 07, 1985 21h 53m 29.70± 0.63s					
	30.376 S ± 6.7km	67.643 W ± 8.2km				
	DEPTH = 16.4 ± 6.5 km					
	SAN JUAN PROVINCE, ARGENTINA			(137)		
RTLL	1.19	217 iPd	53 49.50	-1.9		
CFA	1.33	202 ePc	53 53.20	-0.4		
		S	54 12.00			
RTCB	1.49	222 iPd	53 54.20	-1.6		
		S	54 12.00			

RTCV	1.67	207	iPd	53 59.10	0.7
			S	54 22.20	
CYA	2.51	40	e(P)	54 12.00	1.5
MDZ	2.70	202	iP	54 17.30	4.0X
			i	54 19.20	
			iS	54 24.40	
TCA	2.79	111	iPd	54 13.40	-1.2
			S	54 58.20	
JACH	3.41	227	iP	54 24.40	1.1
FCH	3.71	217	iP	54 29.30	1.5
PEL	3.79	222	iPd	54 28.80	0.2
BACH	3.83	218	iPd	54 30.40	1.1
SAN	4.00	219	iPc	54 38.40	6.8X
TACH	4.30	220	eP	54 36.00	0.1
CHCH	4.37	215	eP	54 37.50	0.6
RFA	4.44	189	ePc	54 38.60	0.7
			S	54 50.40	
FSA	4.51	19	iPd	54 39.00	0.2
			(S)	55 46.50	
LNV	4.79	221	eP	54 41.00	-1.8
SLA	5.94	19	ePc	54 58.40	-0.8
			(S)	56 34.00	
YJA	8.39	14	ePc	55 33.80	-0.1
VBA	8.98	150	ePc	55 42.30	0.7
VAO	19.86	73	eP	58 02.40	-0.6

S.D. = 1.2 on 19 of 21 obs.

• JUN 08, 1985 01h 24m 50.95± 0.44s
31.696 S ± 9.5km 178.552 W ± 9.1km
DEPTH = 33.0km (normal)
5.4mb (4 obs.)
KERMADEC ISLANDS REGION (177)
Felt on Rooul Island.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 17C
Centroid Location:
Origin Time 01:24:55.7 1.4
Lat 32.09S 0.12 Lon 178.32W 0.13
Dep 53 4 7.3 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr= 4.46 0.37 Mtt= 0.80 0.55
Mff=-5.26 0.46 Mrt=-0.40 0.58
Mrf= 2.62 0.73 Mtf=-2.42 0.53
Principal Axes:

	Vol=	Plg	Azm
T	5.36	69	231
N	1.26	17	13
P	-6.61	12	107

Best Double Couple:Mo=6.0*10**23
NP1:Strike=218 Dip=36 Slip= 120
NP2: 2 59 70

RAO	2.50	13	P	25 20.00	-10.1X
			S	25 59.00	
GNZ	7.48	201	P	26 39.00	-1.4
			S	27 52.00	
CRZ	7.85	247	P	26 50.90	5.2X
			eS	27 59.00	
KRP	7.89	216	P	26 48.00	1.8
			S	28 17.00	
MNG	10.12	207	P	27 13.00	-4.1X
			S	29 01.00	
SGE	14.40	346	eP	28 17.00	2.4
NOU	16.30	301	iPd	28 38.00	-0.9
CAN	27.23	254	eP	30 36.00	2.1
WAM	27.31	252	eP	30 36.80	2.3
YOU	27.79	256	eP	30 40.40	1.5
PMO	32.53	66	eP	31 31.00	9.9X
	1.6s	60.00nm		5.2mb	
CTA	33.56	282	iPc	31 30.60	0.5
	0.6s	73.33nm		5.8mb	
STK	33.75	259	eP	31 32.00	0.4
ASPA	42.59	269	eP	32 44.00	-1.7
WB2	43.68	274	iPd	32 52.70	-1.9
WRA	43.69	274	Pc	32 53.20	-1.5
	0.3s	35.10nm		5.6mb	
SBA	46.71	184	e(P)	33 18.80	0.8
WBN	47.93	262	eP	33 26.00	-2.4
KNA	50.31	276	iPd	33 45.80	-0.8
SPA	58.48	180	e(P)	34 46.00	0.0
PEL	86.27	127	iP	37 31.80	0.9
SBB	87.29	46	eP	37 35.00	-0.6
ISA	87.55	45	eP	37 37.00	0.2
TPC	88.01	47	eP	37 39.00	0.0
GLA	88.10	49	eP	37 40.00	0.5
CLC	88.18	45	eP	37 40.00	0.2
GSC	88.32	46	eP	37 41.00	0.4

ALQ	94.75	52	eP	38 09.00	-1.5
	1.5s	7.64nm		4.9mb	
BUL	122.25	210	iPKPd	43 43.30	-1.4
SOB1	122.61	128	ePKP	43 50.10	4.7X
	0.6s	2.70nm			
			e	43 51.10	
			e	43 53.60	
			e	43 56.00	
MTD	123.79	215	iPKPd	43 46.00	-1.7
ALE	124.59	8	ePKP	43 45.00	-2.3X
	0.9s	5.00nm			
KRI	124.70	213	iPKPd	43 47.00	-2.5X
FRB	126.73	31	ePKP	43 50.00	-1.8
SOD	141.32	345	ePKP	44 12.00	-7.1X
KJF	143.58	341	ePKP	44 17.00	-6.1X
SUF	145.17	340	iPKP	44 22.60	-3.3X
	0.4s	20.40nm			
NUR	147.35	339	iPKP	44 29.70	0.2
	0.6s	17.00nm			
BNG	148.48	214	ePKPc	44 30.90	-1.9X
	0.9s	72.00nm			
			i	44 34.60	
BCAO	148.49	214	iPKP	44 34.50	1.7
	0.4s	21.47nm			
UPP	149.83	344	iPKP	44 35.40	2.0
NB2	149.95	351	PKP	44 34.60	0.9
	0.5s	3.80nm			
HFS	150.41	348	ePKP	44 37.00	2.7X
	0.4s	7.50nm			
KIC	154.14	166	ePKP	44 44.20	3.1X
SPC	157.52	326	ePKP	44 43.90	-0.8
CLL	158.63	340	e(PKP)	44 48.00	2.4X
			e	45 19.00	
BRG	158.72	338	e(PKP)	44 43.00	-2.8X
			e	45 19.00	
ZST	159.68	329	ePKP	44 45.80	-1.1
TOL	170.69	27	ePKP	44 57.00	0.7

S.D. = 1.4 on 34 of 49 obs.

? JUN 08, 1985 01h 58m 54.88± 5.68s
31.175 S ±39.7km 68.403 W ±36.5km
DEPTH = 109.0 ± 50.7 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.16	200	iPd	59 10.50	-0.1
			S	59 21.00	
CFA	0.45	162	iPd	59 11.70	0.1
			S	59 23.80	
RTCB	0.46	227	iPd	59 11.80	0.1
			S	59 23.30	
RTCV	0.69	189	iPd	59 13.30	-0.1
			S	59 26.70	
TCA	3.27	94	ePd	59 45.30	0.0
			S	00 22.40	

S.D. = 0.2 on 5 of 5 obs.

• JUN 08, 1985 02h 26m 37.39± 1.15s
44.808 N ± 6.1km 112.849 W ±18.3km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 2.9 (NEIS).

LRM	1.05	15	ePc	26 56.80	-1.1
HPI	1.11	189	eP	26 58.30	-0.6
BUT	1.22	9	eP	27 01.90	1.2
			eS	27 17.20	
IMW	1.64	123	eP	27 07.00	-0.3
TMI	1.64	156	eP	27 08.20	0.9
SXM	1.77	40	ePn	27 08.80	-0.3
			ePg	27 09.70	
MFW	4.07	288	eP	27 43.50	1.9X

S.D. = 1.1 on 6 of 7 obs.

JUN 08, 1985 04h 49m 14.54± 0.80s
43.078 N ± 8.1km 1.516 W ± 6.4km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)

BOH	0.37	86	iPd	49 22.11	-0.1
			eS	49 27.86	
ISSF	0.53	95	iPd	49 25.05	-0.3
ATE	0.60	89	eP	49 26.50	-0.1
OGE	0.77	83	eP	49 29.00	-0.5
JAU	0.84	92	eP	49 30.70	-0.2
			eS	49 43.20	
LGR	0.96	230	ePg	49 32.70	0.0
			iSg	49 46.20	

EPF	1.36	91	Pn	49 40.30	0.7
			Pg	49 43.10	
			Sg	49 58.90	
MLS	1.91	93	eP	49 50.70	3.3X
			eS	50 16.20	
LFF	2.47	40	Pn	49 58.20	2.8X
			Sn	50 28.50	
LPO	2.53	50	Pn	49 58.30	2.0
			Sn	50 28.00	
RJF	3.12	43	Pn	50 04.60	0.0
			Sn	50 42.40	
CAF	3.18	53	Pn	50 05.80	0.3
			Sn	50 43.70	
LSF	3.84	33	Pn	50 14.20	-0.8
TCF	4.17	38	Pn	50 18.60	-1.0

S.D. = 0.9 on 12 of 14 obs.

JUN 08, 1985 07h 54m 52.22± 0.88s
46.041 N ± 9.0km 7.746 E ± 6.4km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.5 (LDG).

MMK	0.15	86	eP+	54 55.30	-0.6
DIX	0.24	280	eP+	54 57.10	-0.3
LPG	0.88	232	Pg	55 09.60	0.2
LLS	1.20	46	ePd	55 15.90	1.2
ZUL	1.51	17	eP+	55 17.70	-1.6
SAX	1.64	42	eP+	55 22.40	1.0
ROF	1.74	341	iPgd	55 23.40	0.7
SLE	1.80	16	eP+	55 23.50	0.0
BSF	1.91	340	Pg	55 25.90	0.7
			Sg	55 47.70	
HAU	2.19	335	Pg	55 31.40	2.3X
			Sg	55 56.90	
CDF	2.39	352	Pg	55 34.90	2.7X
			Sg	56 03.40	
BUH	2.66	7	ePn	55 34.60	-1.3

S.D. = 1.1 on 10 of 12 obs.

• JUN 08, 1985 08h 15m 40.45± 1.15s
19.384 N ± 7.1km 144.076 E ±17.9km
DEPTH = 110.1 ± 11.2 km
4.7mb (5 obs.)
MARIANA ISLANDS (216)

GUMO	5.81	172	eP	17 06.10	0.4
PJG	5.81	172	eP	17 05.80	0.1
GUA	5.87	172	eP	17 06.30	-0.2
	0.4s	54.24nm		5.1mb	
			eS	18 01.80	
MAT	17.85	344	(P)	19 43.00	-0.3
			(S)	20 05.00	
WB2	40.23	194	eP	23 06.70	-1.2
WRA	40.23	194	Pd	23 07.20	-0.8
	0.2s	4.80nm		5.0mb	
YOU	53.52	176	eP	24 45.60	-6.1X
CAN	54.60	175	eP	24 55.10	-4.6X
MRWA	55.40	210	eP	25 06.00	0.5
WAM	55.46	175	eP	25 02.20	-3.6X
BAL	56.24	208	eP	25 12.50	0.9
INK	69.36	23	eP	26 38.00	0.3
ALE	77.54	3	ePd	27 29.50	4.4X
	0.6s	3.00nm		4.3mb	
YKA	78.10	28	eP	27 29.00	0.6
YKC	78.16	28	eP	27 29.00	0.3
	0.6s	6.00nm		4.6mb	
LRM	85.29	43	eP	28 05.10	-1.5
FFC	87.34	32	eP	28 16.00	0.0
	1.0s	7.00nm		4.6mb	
ROCH	145.90	120	ePKP	35 04.30	-4.2X
PEL	146.12	121	iPKP	35 05.10	-3.5X
ZOBO	149.21	89	PKPd	35 15.00	0.4
TPZ	149.23	100	PKP	35 22.80	8.5X
LPB	149.29	90	ePKP	35 15.00	0.5
CNCB	149.44	90	iPKP	35 17.00	2.1X

S.D. = 0.8 on 15 of 23 obs.

• JUN 08, 1985 08h 23m 11.80± 1.56s
38.215 S ±13.4km 178.412 E ±16.9km
DEPTH = 97.9 ± 9.8 km
4.8mb (1 obs.)
OFF E. COAST OF N. ISLAND, N.Z. (160)

GNZ	0.53	215	iPd	23 26.80	-0.9
			S	23 50.00	
TUA	1.15	239	Pd	23 35.90	1.8

08d 08h

		S	24 05.00			
KRP	2.29 276	P	23 49.00	0.4		
		S	24 27.00			
MNG	3.30 222	P	24 02.20	-0.2		
		S	24 55.00			
WEL	4 16 221	P	24 13.00	-1.2		
		S	25 14.50			
CCB	5.24 235	P	24 29.00	-0.1		
		S	25 41 00			
CMZ	6.92 217	P	24 51.20	-1.1		
		S	26 17.00			
MSZ	10.18 227	P	25 38.00	1.5		
		S	27 35.00			
NOU	18.89 324	iPc	27 12.20	-15.1X		
ASPA	40.45 278	eP	30 42.00	-0.2		
WB2	42.15 283	eP	30 55.00	-1.1		
SPA	51.97 180	iPd	32 13.70	1.0		
	0.9s	9.55nm		4.8mb		
SUF	150.23 334	ePKP	42 47.00	0.6		
NUR	152.24 332	ePKP	42 49.00	-0.4		
	S.D. = 1.1	on 13 of 14 obs.				

* JUN 08, 1985 09h 10m 36.11± 0.39s
55.895 S ± 8.9km 27.497 W ± 8.8km
DEPTH = 33.0km (normal)
4.8mb (6 obs.) 4.2Msz (1 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SPA	34.28 180	iPc	17 21.00	0.0		
	0.9s	30.91nm		5.2mb		
BACH	37.16 289	eP	17 44.50	-1.0		
PEL	37.42 289	iPc	17 46.80	-0.9		
MAW	40.38 144	eP	18 12.00	0.2		
TPZ	45.95 301	iPd	18 47.50	-10.5X		
SBA	46.22 184	iPd	18 59.80	0.8		
	1.0s	26.00nm		5.1mb		
		e	32 10.60			
SOB1	47.75 342	eP	19 12.60	0.8		
	0.8s	4.50nm		4.5mb		
		e	19 16.40			
		e	19 26.50			
ITR	47.80 345	eP	19 12.20	0.1		
	0.5s	1.10nm		4.1mb		
		e	19 37.00			
CNCB	49.62 305	iP	19 28.00	1.2		
LPB	49.92 305	Pd	19 29.60	0.7		
		eLR	37 15.00			
ZOBO	50.16 305	Pc	19 31.10	0.1		
	1.0s	20.00nm		5.1mb		
	Z 20s	0.23um		4.2Msz		
		LR	37 08.00			
BUL	54.69 73	iPd	20 04.20	-0.1		
KRI	57.95 72	eP	20 47.00	19.4X		
MTD	59.05 73	iPd	20 35.00	-0.2		
BCAO	70.94 49	eP	21 52.00	-0.1		
	0.8s	4.21nm		4.6mb		
YKA	135.94 318	ePKP	29 53.10	-0.7		
INK	145.56 321	ePKP	30 10.00	-0.8		
	S.D. = 0.7	on 15 of 17 obs.				

* JUN 08, 1985 09h 32m 38.09± 1.95s
21.915 N ±27.5km 119.782 E ±12.9km
DEPTH = 33.0km (normal)
TAIWAN REGION (243)

TWK	1.50 26	iPc	33 03.00	0.1		
		eS	33 23.50			
TWG	1.50 53	iPc	33 03.00	0.1		
TWF1	2.00 44	iPc	33 10.30	0.1		
TWO	2.54 22	ePc	33 18.00	0.1		
		eS	33 50.10			
TWD	2.73 37	iPd	33 20.20	-0.3		
TATO	3.43 27	e(P)	33 22.10	-8.4X		
HKC	5.. 5	iP	33 56.00	0.1		
		eS	34 52.50			
MCO	5.78 273	iP	34 03.70	-0.1		
	S.D. = 0.2	on 7 of 8 obs				

? JUN 08, 1985 09h 42m 18.28± 5.88s
39.399 N ±54.8km 29.086 E ±10.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.41 300	iPg	42 25.20	-1.5		
		iSg	42 32.70			
KCT	1.02 327	iPn	42 38.00	0.5		
GPA	1.29 46	iPn	42 41.90	-0.4		
EDC	1.33 316	ePn	42 42.80	-0.1		
KGT	1.73 308	ePn	42 50.00	1.5		
	S.D. = 1.5	on 5 of 5 obs.				

* JUN 08, 1985 10h 20m 26.96± 1.07s
18.007 S ±13.8km 176.505 W ±13.8km
DEPTH = 370.7 ± 9.7 km
4.9mb (9 obs.)
FIJI ISLANDS REGION (181)

SGE	5.32 274	iPd	21 51.60	-0.1		
		S	22 59.60			
NDF	5.76 272	eP	21 57.00	0.6		
AFI	6.11 49	P	22 00.00	-0.4		
		S	23 11.00			
NOU	16.56 252	iPc	23 57.00	-2.5		
COO	31.29 240	iPc	26 16.70	0.6		
	0.6s	88.00nm		5.3mb		
RMO	33.16 249	eP	26 31.00	-1.0		
CTA	35.22 261	iPc	26 48.50	-0.8		
	0.9s	39.92nm		4.7mb		
YOU	35.23 236	eP	26 50.40	1.1		
WAM	35.49 232	iPc	26 53.20	1.8		
CMS	36.56 241	iPc	27 01.20	0.7		
	0.9s	85.00nm		5.1mb		
LAT	37.32 283	e(P)	27 08.50	1.6		
TOO	38.52 232	eP	27 18.00	1.4		
	0.5s	53.00nm		5.1mb		
TAU	39.39 223	eP	27 24.00	0.4		
STK	40.18 242	eP	27 31.00	0.8		
WB2	46.38 259	iPc	28 18.00	-1.7		
		eS	34 34.70			
ASPA	46.51 254	iPc	28 20.20	-0.4		
	0.7s	239.00nm		5.6mb		
		iS	33 36.00			
GUA	49.31 307	eP	28 43.10	1.1		
	0.7s	49.32nm		4.9mb		
GUMO	49.37 307	eP	28 43.50	1.0		
PJG	49.37 307	eP	28 43.10	0.6		
KNA	52.26 264	eP	29 03.00	-1.0		
MBL	59.71 256	iPc	29 55.30	-1.0		
	0.4s	6.00nm		4.4mb		
MEK	60.16 249	eP	29 58.00	-1.3		
BAL	61.38 245	eP	30 06.50	-0.7		
MRWA	62.12 246	iPd	30 11.70	-0.5		
NAU	63.46 253	iPc	30 21.00	0.1		
MAT	69.08 322	eP	30 55.00	-0.7		
	0.7s	8.22nm		4.5mb		
SPA	72.11 180	eP	31 18.10	4.7X		
	0.8s	10.83nm		4.6mb		
	S.D. = 1.2	on 26 of 27 obs.				

* JUN 08, 1985 10h 24m 30.22± 2.88s
33.778 S ± 8.1km 71.728 W ±21.5km
DEPTH = 20.6 ± 8.7 km
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.32 124	iPc	24 37.30	0.1		
		iS	24 46.80			
TACH	0.67 80	iPc	24 43.00	-0.1		
		iS	24 56.60			
CHCH	0.91 100	iPd	24 47.10	-0.1		
SAN	0.95 70	iPd	24 48.20	0.4		
		iS	25 04.70			
ROCH	1.00 37	iPd	24 48.40	-0.5		
		iS	25 05.40			
PCH	1.02 82	iPc	24 49.00	-0.2		
PEL	1.08 54	iPd	24 50.40	0.3		
BACH	1.12 68	iPd	24 51.00	0.3		
FCH	1.28 70	iPd	24 53.30	0.0		
		iS	25 15.60			
JACH	1.45 41	iPc	24 55.50	0.1		
		iS	25 17.50			
MDZ	2.57 70	eP	25 18.20	6.6X		
		iS	25 55.20			
RFA	2.88 111	eP	25 16 00	0.1		
RTCB	3.37 48	eP	25 28.40	5.6X		
		S	26 20.00			
RTLL	3.68 49	eP	25 28.00	0.7		
		S	26 20.80			
TCA	6 50 70	ePc	26 06.30	-0 9		
		S	27 32.00			
	S.D. = 0.5	on 13 of 15 obs.				

JUN 08, 1985 10h 37m 44.19± 0.34s
46.832 N ± 3.7km 11.402 E ± 3.2km
DEPTH = 12.3 ± 2.9 km

NORTHERN ITALY (545)
ML 3.9 (VKA), 3.7 (GRF), 3.5 (KBA).

GAP	0.69 340	iPgd	37 57.20	-0.4		
FUR	1.34 356	iPgd	38 10.20	1.6		
KBA	1.35 79	iPnc	38 07.70	-1.3		
		i	38 08.50			
		iSg	38 25.00			
VOY	1.90 114	ePnd	38 16.80	0.1		
		e(Sn)	38 41.40			
		iSg	38 43.00			
TRI	1.99 124	iPn	38 16.80	-1.1		
		i	38 42.30			
		iSg	38 44.40			
KMR	2.22 56	ePg	38 25.00	3.7X		
		iSg	38 54.00			
LJU	2.30 109	ePn	38 22.80	0.3		
		i	38 25.70			
		iSg	38 55.70			
CEY	2.37 116	ePn	38 23.20	-0.2		
		i	38 29.90			
		eSn	38 52.10			
		iSg	38 57.60			
WET	2.52 23	iPnc	38 25.60	0.1		
KHC	2.73 32	Pn	38 28.40	-0.1		
		Pg	38 34.60			
		Sn	39 01.80			
		Sg	39 11.50			
BUH	2.83 312	ePn	38 30.20	0.2		
GRF	2.86 358	iPnc	38 31.00	0.5		
		ePg	38 37.70			
		eSg	39 19.60			
CDF	3.21 301	Pn	38 36.70	1.3		
		Sg	39 26.40			
BSF	3.29 289	Pn	38 37.10	0.5		
		Sn	39 14.60			
		Sg	39 28.10			
GWF	3.33 312	ePn	38 38.40	1.3		
LPG	3.50 249	Pn	38 41.60	1.9		
		Sn	39 22.40			
HOF	3.50 5	ePn	38 39.30	-0.1		
VKA	3.63 65	iPn	38 42.80	1.5		
		iPg	38 55.70			
		iSn	39 24.70			
		iSg	39 41.60			
HAU	3.63 291	Pn	38 41.70	0.4		
		Sn	39 23.20			
		Sg	39 40.10			
PRU	3.79 32	Pn	38 43.50	-0.1		
		Pg	38 55.00			
		Sn	39 26.20			
		Sg	39 44.00			
MOX	3.82 2	ePn	38 44.00	0.0		
		ePg	38 57.00			
		eSn	39 27.00			
		eSg	39 46.50			
TNS	3.92 331	ePn	38 45.20	-0.3		
		eSn	39 31.50			
		eSg	39 56.00			
ZST	4.10 68	e(Pn)	38 52.20	4.3X		
		i	39 57.90			
BRG	4.38 22	ePn	38 50.50	-1.4		
		iPg	39 06.70			
		iSn	39 41.50			
		iSg	40 01.80			
WLF	4.51 311	Pn	38 51.00	-2.7		
CLL	4.60 13	iPn	38 55.20	0.1		
		iPg	39 12.70			
		iSg	40 12.00			
FRF	4.69 227	Pn	38 56.20	-0.2		
		Sn	39 50.80			
LRG	4.91 228	Pn	38 59.60	0.1		
LMR	4.92 226	Pn	39 00.30	0.7		
CDR	5.08 234	eP	39 06.80	5.0X		
LBF	5.09 274	Pn	39 01.40	-0.7		
		Sn	39 59.00			
		Sg	40 27.40			
KSP	5.15 37	eP	39 20.80	17.9X		
		eS	40 22.00			
LOR	5.17 278	Pn	39 03.40	0 2		
		Sn	40 01.00			
MEM	5.20 319	Pn	39 13.40	9.9X		
		Sg	40 47.40			
SMF	5.20 271	Pn	39 03.40	-0.2		
		Sn	40 00.50			
SSF	5.41 275	Pn	39 06.90	0.3		

AVF	5.53	272	Pn	39	07.40	-0.8
DOU	5.58	308	Pn	39	16.00	7.0X
			Sn	40	10.80	
BGF	5.89	270	Pn	39	12.60	-0.7
			Sn	40	19.00	
TCF	6	36 268	Pn	39	19.20	-0.8
			Sn	40	28.70	
CAF	6.79	257	Pn	39	25.80	-0.2
LSF	6.84	269	Pn	39	26.80	0.2
MFF	7.94	273	Pn	39	42.10	0.0
GRR	8.43	285	Pn	39	47.90	-1.0

S.D. = 0.9 on 38 of 44 obs.

* JUN 08, 1985 10h 55m 55.82± 1.89s
33.488 S ± 9.7km 72.054 W ±14.5km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.71	131	iPc	56	10.00	0.2
			iS	56	19.10	
TACH	0.95	100	iPc	56	14.00	0.1
			iS	56	27.10	
ROCH	1.01	60	iPd	56	15.50	0.3
SAN	1.16	89	iPd	56	18.00	0.4
			iS	56	33.20	
PEL	1.20	74	iPd	56	18.80	0.6
CHCH	1.25	111	iPd	56	18.20	-0.9
PCH	1.29	96	iPc	56	19.50	-0.3
BACH	1.31	85	iPd	56	20.50	0.3
JACH	1.47	57	iPd	56	22.90	0.5
FCH	1.48	84	iPd	56	23.40	0.5
			iS	56	42.00	
MDZ	2.75	78	iP	56	47.30	6.4X
			iS	57	24.20	
RFA	3.24	114	eP	56	48.60	0.8
RTCB	3.40	55	ePd	56	55.80	5.8X
			S	57	40.60	
RTLL	3.72	56	ePc	57	00.30	5.7X
			S	57	45.00	
TCA	6.66	73	ePd	57	33.50	-2.8
CNCB	17.01	13	eP	59	57.00	1.0
LPB	17.26	13	eP	59	58.00	-0.9

S.D. = 1.1 on 14 of 17 obs.

? JUN 08, 1985 11h 42m 21.35± 6.51s
40.368 N ±21.6km 26.003 E ±51.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.60	155	iPg	42	32.80	-0.6
KGT	1.00	85	iPg	42	39.00	-1.2
			iSg	42	52.50	
MFT	1.06	66	iPg	42	41.00	-0.4
			iSg	42	55.50	
EDC	1.42	90	iPn	42	46.80	-0.4
KCT	1.80	93	ePn	42	55.00	2.3
CTT	2.00	66	ePn	42	55.50	-0.1
DST	2.16	110	ePn	42	58.20	0.3

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

* JUN 08, 1985 13h 08m 23.29± 1.33s
44.255 N ± 8.1km 114.199 W ±11.9km
DEPTH = 10.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.4 (NEIS).

HPI	0.96	124	iPd	08	41.20	-0.6
TMI	1.91	119	iPd	08	56.60	0.2
LRM	2.00	38	ePnd	08	57.70	0.0
			ePg	09	01.00	
BUT	2.11	33	ePn	08	59.50	0.3
			ePg	09	03.00	
			eSn	09	26.10	
			eSg	09	30.00	
LCCM	2.28	45	ePn	09	01.20	-0.6
			ePg	09	06.20	
IMW	2.38	98	iP	09	03.90	0.7
SXM	2.84	47	ePn	09	09.90	0.2
			ePg	09	15.90	
HRY	2.97	33	ePn	09	11.10	-0.3
			ePg	09	19.00	
NEW	4.49	334	eP	09	33.00	0.1
			eLg	10	47.00	
EUR	4.95	196	iP	09	47.50	7.9X
SHW	6.00	292	eP	10	18.00	23.7X

S.D. = 0.5 on 9 of 11 obs.

JUN 08, 1985 13h 19m 15.87± 0.42s
6.184 N ± 3.2km 126.858 E ± 4.0km
DEPTH = 87.8 ± 3.9 km
5.7mb (39 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 22C
Centroid Location:
Origin Time 13:19:19.7 0.6
Lat 5.63N 0.05 Lon 127.56E 0.06
Dep 59.9 3.8 Half-duration 1.9
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.54 0.09 Mtt= 0.62 0.13
Mff=-2.17 0.20 Mrt= 0.20 0.09
Mrf= 0.26 0.09 Mtf= 0.07 0.07
Principal Axes:
T Val= 1.60 Plg=78 Azm=341
N 0.58 12 180
P -2.19 4 89
Best Double Couple:Mo=1.9*10**24
NP1:Strike=167 Dip=42 Slip= 73
NP2: 10 50 105

CGP	3.11	317	iPc	20	04.00	0.2
			iS	20	31.50	
PPR	8.80	294	iPc	21	24.50	2.1
	1.0s	110.40nm			5.6mb	
QCP	10.14	326	eP	21	36.00	-4.5X
KKM	10.58	270	ePc	21	46.50	-0.1
BAG	11.88	329	eP	22	04.00	0.1
			e	24	35.00	
MKS	13.52	213	iPc	22	24.00	-1.2
JAY	16.30	122	ePc	23	01.50	0.5
	0.7s	44.00nm			4.8mb	
GUMO	19.19	66	eP	23	36.90	1.3
	1.4s	446.15nm			5.6mb	
PJG	19.19	66	eP	23	36.80	1.2
GUA	19.22	66	eP	23	36.80	0.9
WEW	19.34	120	e(P)	23	41.00	3.9X
MTN	19.38	167	eP	23	35.00	-2.5
ANP	19.57	345	eP	23	38.00	-1.6
HKC	20.17	324	eP	23	46.20	0.5
			eSP	24	10.00	
			eS	27	38.00	
QZH	20.27	338	Pd	23	49.50	2.8
			isS	27	42.50	
QIZ	20.92	309	Pc	23	53.00	-0.3
			pP	24	07.00	62kmX
			PP	24	17.00	
			S	27	43.50	
GZH	21.26	324	iPd	23	57.50	0.8
KNA	21.87	175	eP	24	03.00	0.1
	0.6s	246.00nm			5.8mb	
MOM	22.08	111	eP	24	06.00	1.1
LAT	23.80	122	e(P)	24	24.00	2.3
KGM	23.84	261	ePc	24	23.30	1.2
			e	24	35.80	
SSE	25.35	349	eP	24	32.00	-4.2X
	Z 29s	1.20um			4.2MszX	
			pP	24	41.60	35kmX
			eS	29	24.00	
KVG	25.44	109	eP	24	38.00	0.8
PMG	25.48	127	eP	24	34.00	-3.6X
IPM	25.77	268	ePd	24	40.60	0.3
	0.9s	60.10nm			5.1mb	
			e	24	56.90	
			e	28	11.70	
LMG	25.99	125	e(P)	24	23.00	-19.5X
NJ2	26.80	345	eP	24	50.00	0.4
WHN	26.93	336	eP	24	52.00	1.2
			pP	25	10.00	78kmX
LOE	26.97	297	eP	24	50.20	-1.1
			e	28	13.50	
WB2	26.99	164	iPc	24	50.70	-0.8
			eS	29	06.00	
PPI	27.22	257	eP	24	53.50	-0.1
	0.8s	103.80nm			5.4mb	
NST	27.85	292	eP	24	59.20	-0.1
GYA	27.88	319	P	25	01.00	1.4
			sP	25	29.00	
MBL	28.03	194	eP	25	00.00	-0.9
PSI	28.06	264	ePc	25	01.40	0.2
ALOA	28.58	125	eP	25	11.00	5.2X
SHK	28.72	10	eP	25	04.80	-2.1
KHT	29.05	289	eP	25	10.20	0.1
KMI	29.80	312	P+	25	17.00	0.0

	E 10s	0.60um				
			sP	25	38.50	
			eS	29	21.00	
CHG	29.94	297	eP	25	18.60	0.5
	0.8s	18.66nm			4.9mb	
			eS	30	20.00	
CHTO	29.94	297	iP	25	18.20	0.1
	0.5s	10.84nm			4.8mb	
ASPA	30.45	167	eP	25	21.00	-1.5
			e	26	33.00	
			eS	30	00.00	
NAU	30.64	201	eP	25	23.50	-0.5
TIA	31.19	345	eP	25	27.30	-1.5
			eS	30	30.90	
OYM	31.25	20	eP	25	26.10	-3.3X
SRY	31.43	20	eP	25	27.20	-3.7X
DDR	31.76	19	eP	25	32.10	-1.8
MAT	31.95	17	eP	25	33.00	-2.5
	0.9s	14.29nm			4.7mb	
	Z 20s	1.06um			4.5Msz	
			eS	30	44.00	
WBN	32.13	180	eP	25	37.00	-0.1
	0.5s	80.00nm			5.8mb	
TSK	32.26	20	eP	25	35.70	-2.4
XAN	32.31	331	iPc	25	37.60	-1.1
			sP	26	05.00	
			eS	30	42.00	
			sS	31	10.00	
CTA	32.33	144	iPc	25	37.90	-1.1
	0.8s	32.09nm			5.2mb	
			iS	30	48.00	
CD2	32.78	321	eP	25	42.20	-0.6
MEK	33.58	194	eP	25	49.00	-0.8
			e	26	03.00	
TIY	34.02	339	iPd	25	56.40	2.9X
			S	31	13.00	
			ScP	32	05.50	
			ScS	36	12.50	
BJI	35.05	346	eP	26	00.00	-2.1
			eS	31	28.00	
			ScS	36	18.00	
SNY	35.61	356	Pc	26	05.90	-1.0
			eS	31	38.50	
LZH	36.48	328	iPc	26	15.50	1.0
	2.5s	324.00nm			5.8mb	
			eS	31	52.00	
MRWA	36.72	196	iPd	26	15.70	-0.6
	0.5s	38.00nm			5.6mb	
KLG	37.12	188	iPc	26	19.70	0.0
	0.4s	11.00nm			5.1mb	
HHC	37.13	341	P	26	19.50	-0.3
			eS	32	04.00	
BTO	37.44	339	eP	26	22.50	0.1
			eS	32	06.00	
CN2	37.49	358	Pc	26	25.60	3.0X
			eS	32	01.00	
BAL	37.85	194	eP	26	25.00	-0.8
MDJ	38.36	3	eP	26	29.00	-0.9
			sP	26	56.00	
			PP	28	04.00	
			S	32	14.00	
KLB	38.55	193	eP	26	31.00	-0.7
	0.9s	226.00nm			6.1mb	
RMO	38.80	148	eP	26	32.00	-1.9
MUN	39.28	194	eP	26	37.50	-0.3
	0.6s	139.00nm			6.0mb	
NWAO	39.96	193	eP	26	43.00	-0.3
STK	40.38	160	iPd	26	46.80	0.1
	0.9s	196.00nm			6.0mb	
LSA	40.96	309	P	26	52.20	0.0
GTA	41.09	328	P	26	52.80	0.1
			PP	28	32.70	
			PcP	28	55.40	
			ScP	32	35.40	
			PcS	32	43.80	
			ScS	36	52.00	
RKG	41.10	192	eP	26	58.00	5.3X
CMS	41.61	155	eP	26	56.00	-0.9
ADE	42.43	166	iPd	27	04.00	0.4
	0.6s	133.33nm			5.9mb	
COO	43.72	148	eP	27	15.00	0.9
YOU	45.10	155	iPd	27	25.50	0.4
BFD	45.56	162	eP	27	29.00	0.3
	1.1s	181.00nm			5.8mb	
CAN	46.25	155	iPd	27	35.00	0.8
			e	27	55.10	
			eScP	33	01.90	

08d 13h

TOO 46.87 160 iPd 27 40.20 1.1
0.5s 34.00nm 5.5mb
WAM 46.95 155 eP 27 39.90 0.2
eScP 33 03.80
NOU 48.00 127 iPc 27 56.00 7.9X
HYB 48.45 288 ePd 27 51.50 -0.2
0.8s 171.40nm 6.0mb
e 28 08.50
KOD 49.01 278 iPc 27 56.20 -0 2
GBA 49.17 283 Pd 27 56 40 -0.8
0.8s 299.80nm 6.3mb
WMO 50.81 324 P 28 09.50 0.0
pP 28 29.00 78kmX
PcP 29 25.50
ScP 33 14.40
eS 35 17.00
ScS 37 56.50
SS 38 44.00
NDI 51.92 302 iPc 28 17.00 -1.0
0.8s 82.09nm 5.8mb
TAU 52.28 161 iPd 28 21.30 0.9
POO 53.03 288 iPc 28 26.00 -0.4
KSH 56.40 314 iPc 28 52.00 1.3
OUE 60.98 301 eP 29 22.00 -0.7
e(S) 37 36.00
MSZ 62 62 148 P 29 33.00 0.0
pP 29 56.00 91kmX
PcP 30 07.00
KRP 63.02 138 P 29 35.00 -0.9
MNG 64.48 141 P 29 44.00 -1.4
MHI 68.15 307 iPc 30 09.00 0.0
1.0s 72.00nm 5.5mb
eS 39 44.00
DRV 73.29 175 eP 30 39.00 -0.1
SHI 73.36 299 eP 30 40.00 -0.6
KER 78.09 304 ePd 31 07.00 -0.2
TAB 78.77 307 eP 31 12.00 1.2
AVY 81.78 250 eP 31 26.20 -0.9
RTB 83.78 303 iPd 31 39.00 2.0
MAW 86.09 200 eP 31 49.00 1.3
SBA 86.73 172 iPc 31 52.80 2.1
1 0s 21.00nm 5.2mb
HRI 87.58 303 eP 31 57.50 1.6
BHL 87.59 304 PKPc 31 57.50 1.6
KEV 87.64 340 eP 31 55.00 -0.3
0.6s 22.20nm 5.4mb
i 31 58.80
eSKS 42 36.00
e 43 00.00
INK 87.86 22 eP 31 56.00 -0.3
JER 88.19 302 iPc 31 57.00 -1.8
SOD 88.26 338 iP 31 57.20 -1.1
KJF 88.45 334 iP 31 58.40 -0.8
0.8s 77.70nm 5.9mb
i 32 02.10
eSKS 42 40.00
e 43 04.00
PRNI 88.52 300 iP 32 01.50 1.1
NPA 89.29 255 eP 32 04.00 -0.1
epP 32 18.00 47kmX
CSS 89.38 305 eP 32 04.50 0.2
SUF 89.44 333 iP 32 03.30 -0.6
0.7s 38.30nm 5.7mb
NAI 90.19 269 eP 32 12.00 3.3X
1.0s 45.00nm 5.6mb
NUR 90.63 331 iP 32 09.20 -0.3
0.9s 67.60nm 5.9mb
Z 24s 0.10um 4.2MszX
i 32 12.30
eSKS 42 28.00
YER 93.10 308 iP 32 19.90 -1.6
MLR 93.23 316 ePc 32 22.00 0.0
UPP 94.18 331 iP 32 24.60 -1.2
i 32 27.70
COZ 94.37 316 eP 32 28.00 0.7
DAG 94.87 353 iPd 32 27.30 -1.5
0.8s 16.42nm 5.5mb
i 32 48.00
CLO 95.49 316 ePd 32 33.00 0.8
HFS 95.92 332 eP 32 32.60 -1.3
0.6s 19.20nm 5 8mb
Z 16s 0.26um 4 8MszX
LR 08 11.00
KRA 96.61 322 iPd 32 35.50 1 0
e 32 38.10
SPC 96.07 321 eP 32 36.40 1.4
JOS 96.08 320 eP 32 34.20 -0.6

SPA 96.14 180 iPc 32 31.40 -3.5X
1.0s 18.50nm 5.6mb
VAY 96.57 313 iP 32 36.70 -0.5
NB2 96.66 334 P 32 34.40 -2.9
0.7s 32.40nm 6.0mb
MTD 96.79 254 iPc 32 39.00 0.3
YKA 97.22 24 eP 32 40.80 1.1
YKC 97.29 24 eP 32 40.00 0.0
0.7s 6.00nm 5.2mb
OHR 97.92 313 eP 32 28.20 -15.1X
KSP 97.97 323 eP 32 43.50 0.2
1.2s 43.00nm 5.9mb
ZST 98.36 320 eP 32 48.10 3.0X
KRI 98.68 254 iPc 32 47.00 -0.2
PRU 99.32 323 P 32 50.50 1.0
e 33 12.50
BRG 99.35 324 iP 32 50.10 0.5
1.0s 40.00nm 6.0mb
e 37 31.10
CLL 99.73 324 eP 32 52.00 0.7
1.7s 50.00nm 5.9mb
BUL 99.82 251 iPc 32 53.40 1.0
KHC 100.22 322 Pdiffc 32 54.30 0.7
1.3s 15.00nm 5.5mb
e 33 23.20
MOX 100.80 324 ePdiff 32 57.00 0.9
e 32 59.00
GRF 101.42 323 ePdiff 33 02.60 3.7X
EDM 102.21 32 ePdiff 33 21.00 18.7X
EUR 106.48 46 iPKP 37 39.00 6.3X
0.2s 0.56nm
LBF 106.95 323 ePKP 37 35.30 2.2X
0.8s 4.20nm
BNG 107.65 277 iPKPc 37 38.00 2.6X
0.7s 9.00nm
i 37 53.90
TCF 108.35 323 ePKP 37 35.40 -0.4
0.8s 2.40nm
LSF 108.78 323 ePKP 37 36.60 0.0
FRB 109.30 7 ePKP 37 38.00 1.1
ALQ 115.27 47 e(PKP) 37 33.00 -16.6X
SCH 118.16 9 ePKP 37 54.00 -0.2
TUL 122.08 40 e(PKP) 38 02.00 -0.2
1.3s 21.10nm
Z 21s 0.25um 4.8Msz
RLO 122.42 40 ePKP 38 03.80 0.9
BHO 123.61 41 ePKP 38 06.40 1.2
MNT 125.38 18 ePKP 38 13.00 4.7X
KIC 130.11 284 ePKP 38 19.00 0.7
e 41 36.70
VBA 147.28 167 ePKPd 38 51.00 2.4X
LNV 147.59 151 ePKP 38 53.00 3.8X
TACH 148.07 151 ePKP 38 54.50 4.5X
PCH 148.30 152 ePKPc 38 50.70 0.2
SAN 148.36 151 ePKP 38 54.50 4.0X
BACH 148.53 151 iPKP 38 55.50 4.6X
ROCH 148.59 150 ePKPc 38 55.80 4.6X
PEL 148.61 151 ePKP 38 52.30 1.3
FCH 148.64 152 ePKP 38 56.70 5.3X
SJG 152.66 28 e(PKP) 38 59.00 1.7
PSO 154.77 74 ePKP 39 09.00 8.1X
BOG 156.51 63 ePKP 39 21.00 17.8X
TPZ 158.60 137 ePKP 39 10.00 4.6X
YJA 160.12 144 ePKPc 39 10.80 3.6X
CNCB 162.05 127 PKP 39 17.00 7.6X
LPB 162.11 126 ePKP 39 13.00 3.8X
ZOBO 162.23 126 PKPc 39 12.20 2.6X
ITR 165.18 259 ePKP 39 12.50 0.7
0.8s 2.30nm
e 39 18.10
e 39 37.50
SOB1 167.50 255 ePKP 39 15.30 1.7
e 39 21.80
e 39 34.10
e 40 20.60
BAO 169.34 208 e(PKP) 39 20.40 5.6X
i 40 29.50
S.D. = 1.1 on 139 of 177 obs.

? JUN 08, 1985 13h 34m 55.10± 5.16s
33.627 S ± 9.9km 72.017 W ±42.7km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV 0.60 123 iPc 35 07.30 0.2
iS 35 14.70
TACH 0.90 92 iPc 35 10.70 -0.7
iS 35 20.00
ROCH 1.07 52 iPd 35 13.50 -0.5
iS 35 25.50
SAN 1.15 82 iP 35 14.90 0.0
iS 35 27.90
CHCH 1.18 105 iPd 35 15.30 -0.1
iS 35 28.20
PEL 1.21 67 iPd 35 16.20 0.3
iS 35 31.20
PCH 1.25 90 iP 35 16.50 0.0
iS 35 29.80
BACH 1.30 78 iPd 35 17.40 0.2
iS 35 32.80
FCH 1.47 79 iP 35 20.40 0.5
iS 35 38.70
JACH 1.52 52 iP 35 20.60 0.2
iS 35 38.10
TCA 6.68 72 ePd 36 33.40 -0.1
S.D. = 0.4 on 11 of 11 obs.

JUN 08, 1985 13h 48m 48.68± 0.38s
7.028 N ± 6.3km 76.714 W ± 7.3km
DEPTH = 33.0km (normal)
4.6mb (19 obs.) 4.3Msz (2 obs.)
NORTHERN COLOMBIA (99)

FUQ 3.34 117 eP 49 40.00 -0.1
UPA 3.40 305 iPd 49 38.00 -2.7
1.0s 300.00nm
i 50 18.50
BOG 3.56 132 iP 49 44.50 1.3
iS 50 29.00
BMG 3.61 89 iP 49 52.50 8.7X
UAV 5.74 74 ePn 50 13.60 -0.4
0.4s 55.60nm 5.5mb
PSO 5.83 186 eP 50 10.50 -5.0X
LGN 6.21 60 iP 50 09.50 -11.0X
SDV 6.30 73 eP 50 20.50 -1.4
TOV 7.38 68 iPnd 50 34.80 -2.1
0.6s 82.30nm 5.9mb X
CAR 10.27 70 iPd 51 12.50 -4.5X
0.7s 54.79nm 5.9mb X
SJG 15.08 42 eP 52 15.00 -6.1X
i 52 26.30
NNA 18.89 180 eP 53 10.00 0.8
ARE 23.90 168 iP 54 02.50 1.6
ZOBO 24.66 160 Pc 54 07.70 -0.8
1.0s 30.00nm 4.8mb
Z 20s 1.14um 4.4Msz
LR 02 02.00
LPB 24.91 160 eP 54 10.00 -0.8
Z 20s 0.71um 4.2Msz
eLR 03 30.00
CNCB 25.21 160 P 54 12.70 -1.1
TPZ 29.38 165 eP 54 57.00 5.4X
YJA 31.03 160 e(P) 55 02.00 -4.3X
BHO 31.96 331 eP 55 12.40 -1.5
RLO 33.50 333 eP 55 27.70 0.5
TUL 33.64 331 eP 55 27.60 -0.9
0.9s 19.60nm 5.0mb
MNT 38.42 3 iP 56 10.60 1.7
SOB1 39.17 114 eP 56 12.80 -2.8
0.8s 8.90nm 4.6mb
e 56 15.20
ITR 41.26 112 eP 56 30.20 -2.6
e 56 35.60
VAO 41.68 137 eP 56 34.60 -1.6
EDM 54.83 334 ePd 58 16.00 -1.9
FRB 56.92 4 eP 58 31.00 -1.7
YKC 61.83 341 eP 59 05.00 -1.6
YKA 61.88 341 eP 59 05.50 -1.5
KIC 71.42 86 eP 00 07.10 -1.2
INK 71.63 341 eP 00 09.00 0.4
TOL 72.23 50 eP 00 13.00 0.2
MFF 75.70 44 eP 00 32.70 0.0
EPF 75.78 47 eP 00 34.00 0.7
1.0s 14.00nm 4.9mb
DAG 76.14 12 iPc 00 34.50 -0.1
0.6s 4.67nm 4.7mb
LFF 76.19 46 eP 00 36.10 0.6
LPO 76.49 46 eP 00 37.60 0.4
0.9s 7.80nm 4.7mb
RJF 76.76 45 eP 00 39.00 0.3
0.8s 5.30nm 4.6mb
CAF 77.13 46 eP 00 41.10 0.3
0.8s 5.30nm 4.6mb
TCF 77.30 44 eP 00 41.90 0.2

	0.8s	2.40nm		4.3mb		
GRC	77.95	43 iPc	00 44.80	-0.4		
AVF	78.11	44 eP	00 46.20	0.1		
	0.8s	4.10nm		4.5mb		
SSF	78.23	43 eP	00 46.80	0.0		
	0.9s	5.50nm		4.6mb		
SMF	78.44	44 eP	00 48.30	0.3		
	0.8s	3.20nm		4.4mb		
LOR	78 48	43 eP	00 48.20	0.0		
	0.8s	3.20nm		4.4mb		
LBF	78.55	44 eP	00 49.00	0.4		
	0.8s	2.40nm		4.3mb		
DOU	79.07	40 Pc	00 52.50	1.2		
ENN	79.94	40 eP	00 56.00	0.1		
	0.8s	6.00nm		4.6mb		
WLF	80.07	41 P	00 58.20	1.6		
BSF	80.48	43 eP	00 59.20	0.2		
	0.8s	7.40nm		4.7mb		
WTS	80.52	39 eP	01 00.00	1.0		
	0.8s	14.00nm		5.0mb		
		e	01 19.50			
CDF	80.80	42 eP	01 01.00	0.3		
NB2	82.90	29 P	01 11.20	-0.1		
	0.9s	3.70nm		4.5mb		
KHC	84.93	41 Pc	01 23.50	1.7		
BRG	85.02	39 e(P)	01 22.00	-0.2		
PRU	85.48	40 eP	01 26.50	2.0		
KEV	88.17	20 eP	01 39.00	1.8		
SOD	88.66	22 eP	01 41.00	1.4		
NUR	89.49	29 iP	01 44.60	1.0		
KJF	89.94	25 eP	01 47.00	1.3		
HYB	145.54	45 ePKP	08 26.50	0.3		
SHL	145.76	19 ePKP	08 27.00	0.5		
GBA	147.15	51 PKPc	08 30.60	1.9		
	0 8s	14.30nm				
WB2	147.25	244 ePKP	08 30.20	1.3		
KOD	149.09	57 ePKP	08 36.00	3.7X		
	S.D. = 1.2	on 57 of 65 obs.				

JUN 08, 1985 14h 15m 41.64± 0.76s
22.243 N ± 3.1km 143.577 E ± 4.7km
DEPTH = 141.0 ± 7.3 km
4.9mb (24 obs.)
VOLCANO ISLANDS REGION (213)

GUMO	8.70	172 eP	17 47.50	1.9		
	1.2s	577.78nm		6.1mb X		
PJG	8.69	172 eP	17 47.50	1.9		
GUA	8.75	171 eP	17 48.00	1.6		
	0.9s	194.96nm		5.8mb		
KYS	13.25	348 eP	18 43.30	-2.1		
OYM	13.66	345 eP	18 49.00	-1.7		
SRY	13.84	345 eP	18 53.20	0.3		
DDR	14.23	345 eP	18 56.50	-1.4		
TSK	14.24	349 eP	18 58.40	0.4		
MAT	14.99	343 (P)	19 05.00	-2.5		
	0.9s	18.49nm		4.4mb		
		(S)	21 36.00			
SSE	21.83	299 P	20 25.00	1.5		
		e(S)	24 16.80			
NJ2	24.02	299 eP	20 56.00	11.3X		
MOM	24.42	171 eP	20 48.50	-0.1		
MDJ	25.11	336 eP	20 55.00	0.2		
SNY	25.75	324 eP	21 00.60	0.0		
CN2	26.22	329 eP	21 04.60	-0.4		
TIA	26 85	307 eP	21 11.10	0.3		
PPR	26.85	246 ePd	21 14.00	3.0X		
WHN	27.40	294 eP	21 16.50	0.8		
BJI	29.23	314 eP	21 39.00	6.8X		
PMG	31.65	173 eP	21 52.00	-1.5		
XAN	32.59	299 eP	22 01.20	-0.5		
HHC	32.74	312 eP	22 03.60	0.6		
GYA	33.82	285 P	22 13.60	1.1		
CD2	36.49	292 iPc	22 35.60	0.7		
MTN	36.95	200 eP	22 37.00	-1.8		
KNA	40.45	202 eP	23 07.00	-0.8		
GTA	40.86	305 P	23 12.20	1.0		
		ScP	28 46.60			
		S	29 12.50			
CHG	41.83	274 eP	23 20.00	0.7		
CHTO	41.83	274 eP	23 20.00	0.7		
	0.6s	4.35nm		4.3mb		
CTA	42.15	176 iPc	23 21.00	-0.8		
	0.7s	44.52nm		5.2mb		
WB2	42.89	193 eP	23 26.40	-1.3		
IPM	44.75	253 ePd	23 44.70	1.8		
	1.0s	27.70nm		4.9mb		

ASPA	46.59	192 eP	23 57.00	-0.3		
	0.5s	32.00nm		5.2mb		
LSA	47.39	290 P	24 04.40	0.3		
PSI	47.47	252 ePc	24 04.20	-0.1		
PPI	47.73	248 eP	24 08.00	1.7		
MBL	48.97	210 eP	24 15.00	-0.7		
NOU	49.58	152 iPc	24 20.00	-0.3		
WMQ	50.52	309 P	24 28.00	0.6		
		pP	24 57.50	126kmX		
		sP	25 14.00			
		S	31 32.00			
WBN	50.84	200 eP	24 30.00	0.1		
	0.3s	7.00nm		4.9mb		
NAU	52.25	213 eP	24 40.00	-0.5		
PKI	52.62	288 eP	24 43.60	-0.1		
	0.6s	20.00nm		5.1mb		
KKN	52.71	289 eP	24 44.40	0.2		
	0.6s	19.00nm		5.1mb		
DMN	52.88	288 eP	24 45.60	0.0		
	0.6s	9.00nm		4.8mb		
STK	53.85	182 eP	24 50.00	-2.1		
MEK	54.28	208 iPd	24 55.20	-0.2		
	0.6s	19.00nm		5.1mb		
YOU	56.39	175 iPc	25 09.90	-0.6		
		e	26 04.80			
KLG	56.84	203 eP	25 13.00	-0.7		
CAN	57.48	175 iPc	25 17.30	-0.8		
		e	26 10.60			
MRWA	57.65	209 iPd	25 18.90	-0.4		
WAM	58.33	175 iPc	25 23.20	-0.8		
		e	26 13.90			
BAL	58.54	207 eP	25 25.50	0.0		
KLB	58.97	206 iPd	25 28.00	-0.5		
	0.5s	22.00nm		5.4mb		
NDI	59.59	291 eP	25 32.00	-1.0		
MUN	59.94	207 eP	25 35.00	-0.1		
NWAO	60.35	205 eP	25 38.20	0.3		
HYB	60.96	278 eP	25 42.00	-0.4		
RKG	61.44	205 eP	25 48.00	2.7		
GBA	63.11	274 Pd	25 56.00	-0.7		
	0.6s	10.00nm		4.9mb		
KOD	64.17	271 eP	26 03.90	-0.1		
INK	66.93	24 iPd	26 19.60	-0.9		
		pP	26 49.00	119kmX		
KRP	66.97	153 P	26 20.00	-1.0		
QUE	68.05	295 eP	26 28.00	-0.4		
MNG	69.23	155 P	26 33.00	-2.0		
TCW	69.27	156 P	26 33.40	-1.8		
MSZ	70.21	162 P	26 40.00	-0.8		
ALE	74.73	3 ePd	27 07.50	0.5		
	0.7s	12.00nm		4.8mb		
PNT	77.72	42 eP	27 24.00	-0.3		
KEV	77.96	341 iP	27 25.40	0.2		
WDC	78.69	51 eP	27 30.60	0.8		
SOD	79.36	339 iP	27 32.60	-0.2		
MIN	79.44	51 eP	27 34.30	0.3		
NEW	79.63	42 iPd	27 35.50	0.8		
	0.8s	19.80nm		4.9mb		
		e	28 05.00			
ORV	79.79	52 eP	27 36.20	0.5		
EDM	79.94	37 iPd	27 35.80	-0.4		
DAG	80.63	356 iPd	27 39.00	-0.4		
	0.6s	3.33nm		4.3mb		
KJF	80.70	336 iP	27 40.10	0.1		
	0.7s	12.00nm		4.8mb		
JAS1	81.16	53 eP	27 43.80	0.9		
FRI	82.02	53 eP	27 48.10	0.7		
SUF	82.10	336 iP	27 47.60	0.3		
	0.5s	6.10nm		4.6mb		
MNA	82.63	52 eP	27 51.80	1.1		
ISA	83.45	54 eP	27 55.00	0.1		
LRM	83.53	43 eP	27 56.20	0.9		
EUR	83.78	50 iP	27 57.40	0.7		
	0.2s	14.51nm		5.5mb		
NUR	83.95	334 iP	27 56.60	-0.1		
	0.5s	11.20nm		5.0mb		
CLC	84.05	54 eP	27 58.00	0.2		
SBB	84.31	55 eP,	28 00.00	0.8		
GSC	84.84	54 eP	28 03.00	1.1		
FFC	85.17	32 iPd	28 04.10	1.1		
	0.8s	39.00nm		5.3mb		
BAR	85.99	56 eP	28 08.00	0.4		
GLA	87.26	55 eP	28 14.00	0.3		
HFS	88.37	337 eP	28 17.40	-1.0		
	0.4s	3.90nm		4.8mb		
NB2	88.57	339 P	28 16.40	-3.1X		
	0.7s	2.80nm		4.4mb		

FRB	90.68	14 eP	28 29.00	-0.1		
ALO	92.60	51 eP	28 39.00	0 2		
	1.0s	5.50nm		4.7mb		
		e	29 10.70			
MTD	116.13	262 iPKPd	34 10.00	-0.5		
		ipP	34 48.00			
KRI	117.95	262 iPKPd	34 13.00	-1.0		
		ipP	34 51.00			
BUL	119.75	259 iPKPd	34 17.10	-0.2		
		ipP	34 54.50			
KIC	137.92	309 ePKP	34 53.80	1.8		
LNV	147.16	119 ePKP	35 10.00	2.6X		
ROCH	147.67	117 ePKPc	35 11.60	3.0X		
PEL	147.91	117 iPKPc	35 12.20	3.4X		
PCH	147.96	118 ePKP	35 12.50	3.6X		
BACH	148.03	118 iPKP	35 09.70	0.7		
JACH	148.07	116 ePKPd	35 12.70	3.6X		
ZOBO	149.53	84 PKPd	35 18.00	5.6X		
	0.4s	12.04nm				
LPB	149.62	85 ePKP	35 16.00	3.7X		
CNCB	149.81	85 iPKP	35 19.10	6.3X		
TPZ	150.05	95 PKP	35 25.10	12.3X		
	S.D. = 1.0	on 96 of 109 obs.				

? JUN 08, 1985 14h 23m 40.05± 1.28s
12.477 N ±22.0km 88.578 W ±14.5km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
OFF COAST OF CENTRAL AMERICA (76)

PBJ	7.70	302 iP	25 29.00	-3.7X		
VHO	9.19	302 iP	25 51.50	-2.1		
TPM	11.98	304 iPc	26 33.00	1.2		
III	12.02	301 iPc	26 33.50	1.2		
IIC	12.56	307 iPc	26 42.00	2.4X		
BOG	16.33	117 eP	27 29.00	0.1		
JCT	20.71	332 eP	28 20.00	-0.2		
	1.0s	29.00nm		4.6mb		
BHO	22.54	346 e(P)	28 40.40	1.9		
TUL	24.22	346 eP	28 55.90	1.0		
	0.8s	19.60nm		4.7mb		
RLO	24.29	347 eP	28 57.00	1.4		
MNT	35.29	18 iP	30 35.00	1.1		
EDM	45.19	339 eP	31 54.50	-1.1		
SCH	45.58	18 eP	31 56.50	-2.1		
YKC	53.26	345 eP	32 56.00	-1.5		
	0.7s	11.00nm		4.9mb		
YKA	53.30	345 eP	32 57.00	-0.8		
INK	62.84	343 eP	34 03.00	-1.6		
WRA	138.22	254 PKPc	42 59.30	-5.3X		
	1.0s	3.20nm				
HYB	147.69	23 ePKP	43 22.50	1.6		
GBA	150.61	29 PKP	43 29.00	3.6X		
	0.8s	5.20nm				
	S.D. = 1.5	on 15 of 19 obs.				

JUN 08, 1985 16h 00m 44.34± 0.92s
33.296 S ± 7.7km 72.074 W ± 9.4km
DEPTH = 33.0km (normal)
4.6mb (7 obs.)
OFF COAST OF CENTRAL CHILE (134)
Felt (V) at San Antonio.

LNV	0.86	140 iPc	00 59.60	-0.4		
ROCH	0.95	70 iPd	01 01.20	-0.3		
TACH	1.01	111 iPc	01 02.20	-0.1		
PEL	1.17	83 iPd	01 05.30	0.7		
SAN	1.19	98 iPd	01 05.00	0.2		
BACH	1.33	93 iPd	01 07.50	0.7		
PCH	1.34	104 iPc	01 07.40	0.4		
CHCH	1.35	119 iPd	01 07.30	0.3		
JACH	1.39	64 iPc	01 08.50	0.8		
FCH	1.49	92 iPd	01 10.00	0.6		
MDZ	2.74	82 iP	01 29.20	2.2X		
		iS	02 03.20			
RTCB	3.31	58 ePc	01 37.20	2.1		
		S	02 23.00			
RTCV	3.31	65 ePc	01 37.30	2.2X		
		S	02 26.00			
RFA	3.34	117 ePc	01 37.00	1.5		
		S	02 25.00			
RTLL	3.63	58 ePc	01 40.90	1 3		
		S	02 33.90			
CFA	3.65	64 ePc	01 41.10	1.1		
		S	02 31.50			
TCA	6.63	75 ePc	02 20.20	-1.9		
		S	03 38.00			

08d 16h

CYA	7.25	50	iP	02 27.60	-3.1X
			S	02 56.50	
VBA	9.49	123	ePc	02 59.40	-2.3
ANT	9.67	9	eP	03 19.00	14.8X
SLA	10.29	36	e(P)	03 17.00	4.0X
			(S)	05 06.00	
YJA	12.51	29	e(P)	03 42.80	-0.5
ARE	16.77	2	e(P)	04 34.00	-4.6X
LPB	17.67	13	P	04 46.10	3.5X
	1.0s	54	00nm	4.6mb	
Z	17s	0.68um			
			LR	10 20.00	
ZOBO	17.32	13	Pd	04 46.00	0.1
	1.0s	30.00nm		4.4mb	
			LR	10 26.00	
VAO	24.34	72	eP	05 58.60	-1.8
BAO	27.99	57	eP	06 32.10	-2.3
SOB1	37.41	57	eP	07 54.70	-1.5
	0.6s	2.60nm		4.3mb	
			e	08 02.40	
			e	10 15.50	
ITR	39.48	59	eP	08 11.40	-2.2
	0.9s	14.10nm		4.7mb	
			e	08 21.80	
SPA	56.88	180	eP	10 29.30	1.1
	0.8s	10.42nm		4.9mb	
JCT	68.64	334	eP	11 47.50	1.2
	1.0s	5.50nm		4.6mb	
KIC	74.89	72	eP	12 23.60	-0.3
BNG	92.92	87	iPd	13 56.80	1.1
	1.0s	7.00nm		5.0mb	
GBA	146.04	118	PKPc	20 22.70	0.6
	0.6s	10.30nm			
PSI	148.41	163	ePKPd	20 29.90	3.9X
	0.7s	20.00nm			
HYB	149.25	114	ePKP	20 32.00	4.8X
IPM	150.71	166	ePKPd	20 35.20	5.7X
	S.D. = 1.3	on	27 of	37 obs.	

? JUN 08, 1985 16h 53m 41.72± 4.97s
33.179 S ±14.0km 72.055 W ±35.4km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

ROCH	0.90	77	eP	53 59.20	0.1
			iS	54 10.40	
LNV	0.94	145	iPc	53 59.70	0.0
			iS	54 11.90	
TACH	1.05	117	iPc	54 01.40	-0.1
			iS	54 14.10	
PEL	1.15	89	iPd	54 03.50	0.2
			iS	54 18.30	
BACH	1.32	98	iPd	54 06.00	-0.2
JACH	1.33	68	iPd	54 06.10	-0.2
PCH	1.36	109	eP	54 07.00	0.2
CHCH	1.39	123	iPc	54 07.10	-0.1
FCH	1.49	96	iPd	54 08.80	0.0
			i(S)	54 25.00	
			i	54 27.60	
MDZ	2.71	85	eP	54 32.00	5.8X
	S.D. = 0.2	on	9 of	10 obs.	

& JUN 08, 1985 17h 37m 28.59s
62.292 N 151.337 W
DEPTH = 83.4km
CENTRAL ALASKA (1)
<AGS-P>.

SKT	0.33	196	iP	37 40.72	-0.9
			iS	37 50.58	
SUA	0.88	161	eP	37 46.49	-0.3
			eS	38 00.63	
PWA	0.94	132	eP	37 47.02	-0.4
			iS	38 01.45	
CGLM	1.04	198	iP	37 48.08	-0.6
CRP	1.10	201	eP	37 48.48	-1.0
			eS	38 04.97	
SPU	1.17	197	eP	37 49.06	-1.1
MSE	1.21	111	iP	37 50.20	-0.6
GHO	1.25	114	eP	37 51.14	-0.2
PMS	1.35	140	iP	37 52.42	-0.1
SML	1.50	108	eP	37 53.47	-1.0
NKA	1.56	178	eP	37 56.52	1.4
KNK	1.63	122	eP	37 55.06	-1.1
RDT	1.80	197	eP	37 57.41	-1.1
PTE	1.81	141	eP	37 57.22	-1.3
SLKM	1.87	163	eP	37 58.82	-0.6
SCM	1.94	102	eP	37 59.28	-1.2
CFI	2.03	122	eP	38 00.94	-0.6
MPA	2.04	151	eP	38 00.56	-1.1
ILM	2.24	199	eP	38 03.28	-1.1
TTA	2.25	289	eP	38 01.36	-3.3
SVW	2.36	242	eP	38 04.04	-2.1
TOA	2.43	92	eP	38 08.96	1.9
GLI	2.47	123	eP	38 05.65	-2.0
BRLK	2.55	175	eP	38 07.72	-0.9
FID	2.79	121	eP	38 09.62	-2.4
FBA	3.06	30	eP	38 12.96	-2.7
	26 obs. ossociated				

* JUN 08, 1985 18h 14m 45.09± 2.08s
31.322 S ±22.4km 68.429 W ± 9.4km
DEPTH = 114.0 ± 16.3 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.04	257	iPd	15 00.40	-0.8
CFA	0.33	150	iPd	15 02.00	0.3
			S	15 17.10	
RTCB	0.36	243	iPd	15 01.30	-0.6
RTCV	0.55	190	iPd	15 03.20	0.2
			S	15 16.30	
MDZ	1.60	193	iP	15 16.60	2.8X
			iS	15 36.50	
JACH	2.28	233	eP	15 22.80	0.3
FCH	2.55	218	eP	15 27.90	1.7
BACH	2.67	220	iPc	15 28.50	0.9
ROCH	2.74	232	iP	15 28.20	-0.5
PCH	2.89	217	iP	15 31.60	1.0
TACH	3.15	222	eP	15 33.50	-0.4
CHCH	3.21	215	iPc	15 35.10	0.3
TCA	3.28	91	iPd	15 37.00	1.2
			S	16 14.50	
RFA	3.44	181	iPc	15 37.80	-0.1
			S	16 19.30	
LNV	3.64	223	ePd	15 38.40	-2.1
SLA	7.06	22	e(P)	16 56.00	28.5X
VBA	8.56	143	ePc	16 46.30	-1.4
	S.D. = 1.1	on	15 of	17 obs.	

JUN 08, 1985 19h 13m 18.56± 0.55s
40.428 N ± 6.0km 25.835 E ± 5.4km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.71	148	iPg	13 31.90	-0.6
			iSg	13 44.90	
KGT	1.12	88	iPn	13 39.30	-0.3
MFT	1.16	72	iPn	13 40.80	0.5
KDZ	1.27	343	iPgc	13 42.00	-0.1
EDC	1.55	92	iPn	13 46.80	0.6
DIM	1.63	353	iP	13 48.00	0.7
PLD	1.88	333	iPd	13 55.00	4.0X
MMB	1.97	307	iPd	13 52.00	-0.4
CTT	2.10	69	iPn	13 52.30	-1.9
JMB	2.11	15	eP	13 59.00	4.6X
DST	2.30	110	iPn	13 57.70	0.6
IZM	2.31	151	iPn	13 57.90	0.6
ISK	2.53	74	iPn	14 05.00	4.7X
VAY	2.63	291	iPn	14 01.60	-0.2
PVL	2.76	350	eP	14 04.00	0.4
VTS	2.94	318	eP	14 07.00	0.9
MLR	5.06	1	ePc	14 37.00	0.6
OLO	5.15	335	eP	14 36.00	-1.5
	S.D. = 0.9	on	15 of	18 obs.	

* JUN 08, 1985 20h 22m 59.01± 1.43s
23.805 S ±14.3km 70.086 W ±11.7km
DEPTH = 33.0km (normal)
NEAR COAST OF NORTHERN CHILE (122)

ANT	0.32	288	iPc+	23 07.00	0.0
TPZ	2.65	29	P	24 12.80	32.1X
SLA	4.29	103	eP	24 03.80	0.0
YJA	4.53	70	ePc	24 09.40	1.9X
CNCB	7.23	16	eP	24 46.00	0.3
			i	24 54.30	
			S	25 55.50	
LPB	7.47	15	P	24 50.00	1.1
ZOBO	7.72	14	ePc	24 51.10	-1.4
	0.9s	12.98nm		5.0mb X	
MDZ	9.11	173	eP	25 18.70	7.4X
			e	26 59.00	
VAO	21.23	92	e(P)	27 55.00	10.5X
SOB1	31.43	67	eP	29 14.00	-5.7X
	S.D. = 1.3	on	5 of	10 obs.	

JUN 08, 1985 20h 30m 00.32± 0.92s
38.959 N ± 7.7km 26.015 E ± 6.2km
DEPTH = 18.4 ± 6.8 km
AEGEAN SEA (365)
ML 3.5 (ATH).

PRK	0.35	35	iPgc	30 08.00	0.3
EZN	0.90	15	iPg	30 16.90	-0.1
			iSg	30 26.90	
IZM	1.13	119	iPg	30 20.90	-0.1
			iSg	30 35.90	
KGT	1.79	33	iPn	30 31.30	0.7
EDC	1.99	45	iPn	30 33.80	0.3
ATH	2.06	242	ePnc	30 39.80	5.4X
			eSn	31 08.20	
MFT	2.07	28	iPn	30 38.30	3.6X
DST	2.13	72	iPn	30 35.70	0.2
YER	2.55	135	ePn	30 40.70	-0.9
KDZ	2.73	349	iPd	30 44.00	0.0
CTT	2.87	40	ePn	30 45.00	-0.9
DIM	3.10	354	eP	30 50.00	0.7
ISK	3.14	47	ePn	30 58.30	8.4X
MMB	3.16	327	iPd	30 50.00	-0.1
PLD	3.30	343	eP	31 07.00	14.9X
VAY	3.54	313	iPn	30 56.50	1.0
KZN	3.54	294	iPnc	30 56.30	0.6
GPA	3.57	67	ePn	30 58.00	1.9
VTS	4.22	330	iP	31 06.00	0.9
PVL	4.23	352	eP	31 05.00	-0.3
CLO	6.56	340	eP	31 36.00	-2.3
	S.D. = 1.0	on	17 of	21 obs.	

% JUN 08, 1985 20h 51m 59.27± 1.02s
18.177 N ±13.8km 98.529 W ±12.6km
DEPTH = 33.0km (normal)
CENTRAL MEXICO (523)

III	0.91	283	iP	52 16.00	0.1
			iS	52 29.00	
TPM	0.95	328	iP	52 16.50	0.1
			iS	52 30.00	
TIP	1.22	343	iP	52 21.00	0.6
			iS	52 37.00	
TIC	1.73	337	eP	52 27.00	-0.7
PBJ	3.45	120	eP	52 52.00	0.0
	S.D. = 0.7	on	5 of	5 obs.	

JUN 08, 1985 22h 39m 26.51± 0.34s
46.752 N ± 4.1km 6.469 E ± 3.1km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 3.2 (LDG).

EMS	0.75	155	ePd	39 40.90	-0.5
DIX	0.94	136	ePd	39 44.30	-0.2
BSF	1.10	11	Pg	39 47.40	0.1
			Sg	40 01.40	
MMK	1.25	124	eP+	39 50.10	0.2
HAU	1.26	356	Pg	39 49.50	-0.4
			Sg	40 06.60	
LPG	1.27	171	Pn	39 50.40	0.1
			Pg	39 51.80	
			Sg	40 08.30	
ZUL	1.50	60	ePd	39 54.10	0.6
SLE	1.71	53	eP+	39 57.70	1.1
LBF	1.73	279	Pn	39 56.40	-0.4
			Pg	39 59.80	
			Sg	40 23.40	
LLS	1.74	85	eP+	39 58.30	1.2
CDF	1.75	18	Pn	39 55.80	-1.4
			Pg	39 59.20	
			Sg	40 21.10	
SMF	1.81	268	Pn	39 59.40	1.4
			Pg	40 02.00	
			Sg	40 25.80	
LOR	1.86	287	Pn	39 58.50	-0.2
			Pg	40 02.30	
			Sg	40 26.20	
SAX	2.03	75	ePd	40 00.20	-1.2
SSF	2.06	280	Pn	40 03.10	1.6
			Sg	40 32.90	
AVF	2.14	272	Pn	40 02.70	-0.1
			Pg	40 07.80	
			Sg	40 36.00	
BUH	2.26	31	ePn	39 58.60	-6.0X

GWF	2.36	19	iPg	40	12.00	6.1X
GRC	2.39	284	iPnc	40	08.20	2.0
			iPg	40	12.60	
			iSg	40	42.80	
BGF	2.50	267	Pn	40	07.50	-0.4
			Pg	40	15.10	
			Sg	40	45.40	
MZF	2.74	260	Pn	40	11.80	0.5
			Pg	40	19.30	
			Sg	40	55.30	
WLF	2.92	356	Pn	40	26.70	12.9X
TCF	2.98	263	Pn	40	13.90	-0.8
			Sg	41	01.90	
LSF	3.45	263	Pn	40	21.80	0.5
			Sg	41	16.00	
DOU	3.57	340	Pn	40	22.80	-0.3
			Pg	40	37.30	
			Sn	41	01.80	
			Sg	41	21.00	
CAF	3.58	241	Pn	40	22.00	-1.2
			Pg	40	35.60	
			Sg	41	21.10	
MFF	4.56	271	Pn	40	36.50	-0.5
GRR	5.22	291	Pn	40	45.70	-0.8
LPF	5.26	287	Pn	40	46.20	-0.8
KHC	5.34	61	ePn	41	08.30	20.1X
			Sg	42	13.80	
PRU	6.28	56	ePg	41	44.00	42.6X
			eSg	42	49.00	

S.D. = 0.9 on 26 of 31 obs.

• JUN 08, 1985 22h 52m 38.19± 0.87s
34.849 N ±13.9km 32.533 E ±11.2km
DEPTH = 34.4 ± 13.1 km
4.0mb (2 obs.)
CYPRUS (372)

CSS	0.67	80	eP	52	50.80	-0.3
BHL	2.75	109	Pn	53	21.00	0.0
			Sn	53	51.00	
CRI	3.01	135	iP	53	25.00	0.4
BCK	3.04	329	ePn	53	29.10	3.9X
JER	3.79	143	eP	53	34.50	-1.3
			eS	54	15.50	
YER	4.13	305	iPn	53	42.40	1.8
PRNI	4.95	154	iP	53	57.30	5.1X
IZM	5.52	311	iPn	53	59.90	-0.3
DST	5.68	328	ePn	54	02.70	0.3
KHC	19.97	321	eP	57	09.00	-1.3
			e	57	16.70	
NUR	26.18	351	eP	58	12.00	1.0
SUF	28.18	354	iP	58	28.10	-1.1
KJF	29.53	356	eP	58	40.00	-1.3
NB2	29.56	339	P	58	38.20	-3.5X
	0.5s		0.60nm			3.6mb
SOD	32.74	356	eP	59	09.00	-0.5
KKN	45.18	84	eP	00	55.30	1.4
	0.5s		3.00nm			4.4mb
PKI	45.37	84	eP	00	56.90	1.4
BUL	54.81	185	iPc	02	14.60	7.3X

S.D. = 1.2 on 14 of 18 obs.

• JUN 08, 1985 23h 20m 17.92± 0.74s
5.625 S ± 9.4km 151.971 E ± 8.6km
DEPTH = 33.0km (normal)
3.7mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.44	8	iPd	20	41.50	-0.4
	0.5s		169.01nm			
			iS	20	59.50	
BGA	3.23	99	eP	21	07.00	-0.7
KVG	3.25	339	eP	21	08.00	0.2
PAA	3.56	101	e(P)	21	13.00	0.6
LMG	5.00	229	eP	21	30.50	-2.3
PMG	6.08	231	eP	21	49.00	1.1
WB2	22.27	229	eP	25	14.00	0.1
WRA	22.28	229	Pd	25	15.30	1.3
	0.6s		1.90nm			3.7mb

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

JUN 08, 1985 23h 34m 45.50± 1.15s
7.383 S ± 5.3km 107.464 E ± 5.8km
DEPTH = 61.0 ± 10.5 km
5.1mb (17 obs.)
JAVA (277)

PPI	9.85	314	eP	37	07 00	0.1
	0.7s		21.50nm			5 3mb
PSI	13.15	319	ePc	37	50.50	-0.7
IPM	13.51	331	ePc	37	58.00	2.0
			e	38	45.40	
KKM	15.94	33	ePc	38	34.50	6.9X
NAU	16.94	154	eP	38	35.00	-5.0X
			eS	41	28.00	
MBL	18.18	140	eP	38	55.00	-0.3
			eS	41	57.00	
MEK	21.84	152	eP	39	34.00	-0.5
			eS	43	26.00	
KNA	22.45	114	iPc	39	41.10	0.5
MRWA	23.16	161	eP	39	47.00	-0.4
			eS	43	53.00	
KHT	23.72	338	eP	39	54.20	1.3
MTN	23.91	105	eP	39	56.00	1.2
WBN	26.06	138	iPd	40	14.20	-0.9
	0.4s		7.00nm			4.5mb
KLG	26.72	152	eP	40	20.00	-1.1
CHG	27.35	342	eP	40	26.50	-0.5
CHTO	27.35	342	eP	40	26.30	-0.6
	1.0s		4.50nm			4.0mb X
WRA	28.89	118	Pc	40	40.40	-0.5
	0.3s		3.60nm			4.5mb
WB2	28.90	118	iPc	40	40.20	-0.8
			i	43	48.70	
ASPA	30.09	125	eP	40	51.00	-0.6
GYA	33.65	359	P	41	24.00	1.3
KOD	34.62	300	iPc	41	33.00	1.6
SHL	36.09	336	iP	41	41.30	-2.3
GBA	36.38	305	Pd	41	46.40	0.5
	0.9s		45.60nm			5.4mb
HYB	37.73	311	eP	41	56.50	-0.8
CD2	38.24	355	eP	42	02.80	1.4
CTA	39.63	113	iPc	42	14.30	1.1
	0.9s		31.51nm			5.2mb
ADE	39.71	138	iPc	42	14.30	0.6
STK	40.04	132	iPc	42	17.00	0.6
	0.3s		77.00nm			6.0mb
PKI	40.78	329	eP	42	20.60	-2.3
	0.5s		5.00nm			4.6mb
DMN	40.96	329	eP	42	22.90	-1.4
	0.7s		13.00nm			4.8mb
KKN	41.02	329	eP	42	23.20	-1.5
	0.8s		13.00nm			4.8mb
XAN	41.22	2	eP	42	26.20	0.2
POO	41.98	308	eP	42	32.00	-0.5
GUMO	42.58	61	eP	42	36.50	-0.9
PJG	42.58	61	eP	42	36.60	-0.8
GUA	42.60	61	eP	42	36.40	-1.2
	0.8s		23.88nm			5.0mb
CMS	43.05	129	eP	42	41.00	-0.1
TIY	45.10	6	eP	42	58.70	1.2
YOU	46.20	131	eP	43	07.00	0.7
GTA	47.09	352	P	43	14.10	0.8
			iPcP	44	45.50	
CAN	47.11	132	iPc	43	14.10	0.6
WAM	47.41	133	iPc	43	17.00	1.2
BJI	47.87	9	eP	43	19.50	0.3
CN2	53.49	16	Pc	44	01.00	-0.7
			PcP	45	08.00	
QUE	53.91	316	eP	44	04.00	-1.4
MHI	62.54	317	eP	45	05.00	-0.5
KRP	68.22	128	P	45	42.00	0.1
MNG	68.57	131	P	45	44.00	-0.1
NAI	70.66	271	eP	45	59.50	1.9
	0.8s		22.39nm			5.1mb
MTD	74.43	255	iPc	46	20.00	0.4
KRI	76.31	254	iPc	46	30.00	-0.3
SBA	76.58	169	e(P)	46	22.90	-7.7X
BUL	77.06	251	iPc	46	34.40	-0.1
SPA	82.67	180	e(P)	47	03.00	-0.6
BNG	89.49	275	iPc	47	38.10	0.1
	0.7s		20.00nm			5.5mb
BCAO	89.50	275	eP	47	37.70	-0.4
	1.0s		19.00nm			5.3mb
CLO	91.42	315	eP	47	47.00	0.8
SUF	92.54	333	iP	47	51.40	0.4
	0.6s		7.40nm			5.3mb
NUR	92.84	331	iP	47	53.40	1.0
	0.8s		10.30nm			5.3mb
SOD	93.24	338	iP	47	54.20	0.0
HFS	98.23	330	eP	48	17.30	0.3
	0.7s		3.80nm			5.0mb
NB2	99.44	331	P	48	21.60	-1.0
	0.9s		2.40nm			4.7mb

YKA	117.06	20	ePKP	53	25.10	0.3
YKC	117.11	20	ePKP	53	25.00	0.1
	0.8s		7.00nm			
EDM	123.60	28	iPKPc	53	38.30	0.6
FRB	123.67	358	ePKP	53	37.00	-0.3
RSON	133.23	18	ePKP	53	57.20	1.1
	0.7s		2.63nm			
ALQ	138.50	44	ePKP	53	56.00	-10.8X
OTT	142.03	4	ePKP	54	07.00	-5.5X
ITR	142.41	245	ePKP	54	09.20	-4.9X
			e	54	13.80	
			e	54	16.80	
LTX	143.47	49	ePKP	54	14.90	-0.7
	0.8s		10.36nm			
SIO	144.35	34	ePKP	54	16.30	-0.5
SOB1	144.42	243	ePKP	54	16.10	-1.5
	0.5s		5.50nm			
			e	54	32.80	
			e	54	49.80	
TUL	144.52	34	iPKPc	54	16.40	-0.7
	0.8s		72.50nm			
			e	54	24.30	
			e	54	30.60	
			e	54	47.90	
RLO	144.74	32	iPKPc	54	17.00	-0.5
FVM	145.49	25	ePKP	54	19.00	0.3
	0.6s		45.51nm			
JCT	145.64	44	iPKP	54	20.50	1.3
	0.9s		84.03nm			
BAO	146.62	227	PKPc	54	23.30	2.0

S.D. = 1.0 on 71 of 77 obs.

JUN 08, 1985 23h 50m 00.02± 0.61s
5.727 S ± 8.2km 151.158 E ± 8.1km
DEPTH = 33.0km (normal)
4 2mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.83	34	iPd	50	30.00	0.3
			iS	50	52.00	
KVG	3.15	353	eP	50	48.00	-0.5
BGA	4.02	96	eP	51	01.00	0.0
			eS	51	53.00	
LAT	4.24	257	eP	51	09.00	5.1X
LMG	4.35	223	iPd	51	05.50	-0.1
PAA	4.35	98	eP	51	06.00	0.4
ALOA	4.61	190	eP	51	08.00	-1.2
PMG	5.40	227	eP	51	22.50	2.2
WB2	21.60	228	eP	54	48.70	-0.6
WRA	21.61	228	Pd	54	48.40	-1.0
	0.5s		5.10nm			4.2mb
ASPA	24.37	221	eP	55	17.00	0.5

S.D. = 1.1 on 10 of 11 obs.

JUN 09, 1985 00h 38m 42.19± 0.48s
33.219 N ± 4.2km 81.661 W ± 3.8km
DEPTH = 5.0km (geophysicist)
SOUTH CAROLINA (511)
mbLg 2.7 (NEIS). Felt (III) at the Savannah River Plant.

SRPW	0.07	103	iPc	38	44.50	0.5
SRPD	0.08	214	iPd	38	44.10	0.1
SRPN	0.13	29	iPd	38	45.23	0.4
VRN	0.63	106	eP	38	54.39	-0.4
			eS	39	03.61	
COW	0.82	78	eP	38	58.20	-0.3
			S	39	09.90	
SGS	0.96	91	eP	39	00.14	-0.8
			eS	39	15.79	
CH6	0.97	313	P	39	00.30	-0.8
PRM	1.04	326	iPc	39	01.36	-1.0
			eS	39	15.26	
JSC	1.11	18	iPd	39	02.82	-0.6
			eS	39	17.60	
HBF	1.11	104	iPd	39	03.38	-0.2
			eS	39	18.64	
LHS	1.44	29	eP	39	08.36	-0.6
			eS	39	28.14	
TRK	1.58	93	iPd	39	11.97	1.1
TRYN	2.10	347	eP	39	18.85	0.4
BENN	2.34	0	eP	39	23.10	1.1
RBNC	2.40	333	eP	39	23.30	0.3
BBG	2.43	313	eP	39	26.50	3.1X
BRBC	2.57	349	eP	39	26.40	1.1
PKNC	2.85	8	eP	39	29.45	0.2
GFM	2.89	358	eP	39	29.80	-0.1

09d 00h

DCT 2.93 309 P 39 35.80 5.5X
GBTN 3.22 320 eP 39 39.50 5.0X
SMTN 3.40 339 eP 39 37.30 0.3
PLVA 3.46 7 eP 39 37.40 -0.6
BLA 4.11 14 P 40 00.00 12.9X
S.D. = 0.7 on 20 of 24 obs.

& JUN 09, 1985 00h 50m 30.00s
31 750 N 115.800 W
DEPTH = 6 0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 4.5 (PAS).

EMX 0.53 63 iPc 50 41 30 0.7
S 50 48.38
PBX 0.78 269 iPd 50 46.80 1.3
S 50 58.80
VEX 0.85 44 iPd 50 47.70 1.0
CBX 0.92 308 iPd 50 47.80 -0.2
S 50 59.70
IKP 0.93 344 iPc 50 47.20 -1.0
BAR 1.19 322 iPd 50 51.50 -1.0
GLA 1.54 32 iP 50 57.00 -1.0
HAY 1.96 4 eP 51 03.00 -1.1
SDW 3.04 340 eP 51 19.00 -0.7
EUR 7.72 359 iP 52 26.20 0.4
0.2s 14.51nm 5.8mb X
10 obs. associated

& JUN 09, 1985 01h 04m 57.40s
31.930 N 115.880 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.1 (PAS).

EMX 0.55 84 iPc 05 05.90 -2.4
S 05 13.40
PBX 0.73 255 iPd 05 10.80 -1.3
S 05 22.20
IKP 0.74 345 ePc 05 11.30 -0.9
eS 05 22.10
CBX 0.77 300 iPd 05 12.00 -0.7
S 05 24.00
BAR 1.00 318 eP 05 15.70 -1.1
eS 05 29.50
GLA 1.43 38 eP 05 21.00 -3.0
SLBC 1.59 313 eP 06 01.60 35.5
eS 06 22.30
SDW 2.85 340 e(P) 05 48.50 4.1
8 obs. associated

JUN 09, 1985 01h 06m 38.96± 0.58s
32.256 N ± 6.2km 138.460 E ± 6.6km
DEPTH = 290.6 ± 5.3 km
4.3mb (13 obs.)
SOUTH OF HONSHU, JAPAN (211)

OYM 3.22 11 eP 07 37.30 0.5
KYS 3.25 25 eP 07 36.90 -0.1
SRY 3.41 11 eP 07 38.20 -0.5
DDR 3.78 9 eP 07 43.00 0.2
S 08 31.30
TSK 4.17 19 eP 07 45.10 -2.0
MAT 4.28 357 iPd 07 49.70 1.4
eS 08 45.00
MDJ 14.15 333 eP 09 49.00 0.2
CN2 15.40 322 eP 10 02.40 -1.1
GUMO 19.49 161 eP 10 47.30 1.2
PJG 19.49 161 eP 10 47.60 1.5
BJI 19.57 300 eP 10 47.50 0.8
WMQ 41.03 301 P 13 56.70 0.9
PKI 45.84 279 eP 14 35.20 0.4
0.6s 10.00nm 4.3mb
KKN 45.88 279 eP 14 35.60 0.7
0.8s 42.00nm 4.8mb
DMN 46.08 279 eP 14 37.20 0.6
TTA 50.74 33 eP 15 11.80 0.4
IMA 52.03 29 eP 15 21.50 0.5
WB2 52.05 185 eP 15 19.20 -2.2
WRA 52.05 185 Pc 15 19.60 -1.8
0.6s 4.80nm 4.1mb
PME 53.97 34 eP 15 34.00 -1.0
FBA 54.44 30 eP 15 39.10 0.7
HYB 55.69 270 eP 15 48.00 -0.1
GBA 58.45 266 Pd 16 06.60 -0.6
0.5s 26.00nm 5.0mb
INK 59.75 25 eP 16 15.00 -0.3

MBC 61.78 15 eP 16 24.00 -4.8X
SOD 68.42 337 iP 17 11.40 0.3
YKA 69.16 28 eP 17 15.90 0.3
YKC 69.22 28 eP 17 16.00 0.0
0.6s 5 00nm 4.4mb
KJF 69.74 334 iP 17 19.00 -0.2
0.5s 7.00nm 4.6mb
SUF 71.15 333 iP 17 27.50 -0.1
0.7s 3 70nm 4.2mb
NUR 73.00 332 iP 17 38.60 0.2
PNT 73.32 42 eP 17 40.00 -0.5
0.7s 5.00nm 4.4mb
HFS 77.41 335 eP 18 02.50 -0.7
0.7s 2.30nm 4.0mb
Z 17s 0.10um 4.2MszX
LR 56 45.00
NB2 77.62 337 P 18 02.60 -1.8
0.8s 3.60nm 4.2mb
KRP 77.91 151 P 18 06.00 -0.1
LRM 79.29 42 eP 18 14.40 0.4
BMN 79.45 49 eP 18 15.60 0.8
0.9s 0.98nm 3.6mb
EUR 80.77 49 iP 18 22.80 1.0
0.2s 7.82nm 5.2mb
FRB 81.95 12 eP 18 27.00 -0.1
BDW 82.76 43 eP 18 32.00 -0.1
1.0s 3.60nm 4.1mb
SBA 111.16 174 ePdiff 20 31.80 -9.2X
ZOBO 151.12 63 PKPd 26 01.20 7.3X
1.0s 20.00nm
LR 04 31.00
LPB 151.30 63 iPKP 26 02.00 8.0X
S.D. = 0.9 on 39 of 43 obs.

JUN 09, 1985 01h 10m 53.07± 0.30s
20.469 S ± 6.8km 169.118 E ± 6.8km
DEPTH = 40.4km (4 depth phases)
4.8mb (7 obs.)
VANUATU ISLANDS (186)

PVC 2.82 344 iPd 11 37.50 0.8
iS 12 11.80
NOU 3.09 233 iPd 11 41.60 1.1
iS 12 18.00
NDF 8.33 72 ePc 12 54.50 0.3
SGE 8.81 72 ePd 13 02.20 1.2
BRS 16.45 242 eP 14 46.00 3.4X
eS 18 00.00
KRP 18.26 164 P 15 04.00 -1.1
RMQ 19.61 248 eP 15 23.00 1.9
GNZ 19.68 159 P 15 20.00 -1.7
MNG 20.81 166 P 15 32.00 -1.4
CTA 21.45 267 iPd 15 43.50 3.4X
0.9s 20.59nm 4.5mb
iS 19 42.00
YOU 22.92 229 eP 15 58.30 3.7X
i 16 10.20
CAN 23.07 226 eP 16 00.40 4.4X
e 16 08.90
WAM 23.65 224 eP 16 05.30 3.7X
i 16 14.60
PMG 23.87 294 eP 16 05.00 1.1
MSZ 24.15 182 eP 16 08.00 1.6
KVG 25.22 313 eP 16 15.00 -1.9
WB2 32.60 265 eP 17 22.70 -0.5
WRA 32.61 265 Pc 17 20.40 -2.9X
0.5s 2.00nm 4.2mb
ASPA 32.74 258 eP 17 24.00 -0.5
0.5s 18.00nm 5.2mb
eS 22 24.00
WBN 39.35 253 eP 18 21.00 0.5
0.5s 16.00nm 5.1mb
KLB 47.09 246 eP 19 22.00 -1.1
MAT 63.78 333 eP 21 20.00 -3.3X
1.3s 17.31nm 5.0mb
KGM 68.16 281 ePc 22 02.80 11.0X
SPA 69.66 180 e(P) 21 58.90 -1.5
NJ2 71.01 316 Pc 22 19.00 10.1X
IPM 71.27 282 ePd 22 20.60 9.8X
PSI 72.48 280 ePc 22 28.40 10.4X
1.3s 63.20nm
MDJ 74.15 332 eP 22 25.00 -2.1
TIA 74.78 319 eP 22 29.80 -1.2
CN2 75 45 329 Pc 22 32.80 -1.8
pP 22 44.80 40km
BJI 77 82 321 eP 22 47.00 -0.9
TIY 78.66 317 eP 23 04.00 11.3X

KMI 78.83 302 eP 22 54.00 -0.1
pP 23 06.00 40km
XAN 78.86 313 P 22 52.80 -1.0
pP 23 05.00 41km
CHG 79.06 295 iPc 22 55.50 0.3
0.8s 9.33nm 4.8mb
CHTO 79.06 295 eP 22 55.90 0.7
0.9s 8.53nm 4.7mb
CD2 80.89 308 eP 23 16.40 11.6X
HHC 81.08 320 P 23 17.00 11.4X
BTO 81.88 319 eP 23 21.00 11.2X
TTA 87.55 15 eP 23 35.70 -2.0
GTA 87.89 314 P 23 39.40 -0.5
pP 23 51.80 41km
PME 88.38 19 eP 23 27.40 -14.2X
TOA 89.62 19 eP 23 37.20 -10.4X
IMA 90.73 14 eP 23 48.80 -3.9X
FBA 91.28 17 eP 23 36.70 -18.4X
EUR 91.79 48 iP 24 10.30 12.0X
1.0s 4.23nm
FRB 122.30 26 ePKP 29 34.00 -10.7X
DAG 123.52 2 iPKPc 29 42.20 -4.6X
0.3s 7.79nm
NB2 136.60 345 PKP 29 58.80 -13.4X
0.7s 1.10nm
SOB1 138.27 132 ePKP 30 13.90 -2.9X
ITR 140.28 134 e(PKP) 30 22.00 1.6
SPC 142.09 326 e(PKP) 30 33.60 10.8X
KSP 142.91 331 ePKP 30 18.00 -5.9X
ec 30 30.20
EDU 143.50 353 ePKPc 30 19.20 -5.5X
0.6s 11.00nm
BRG 143.91 333 iPKPc 30 21.00 -4.6X
1.0s 30.00nm
i 30 33.20
SRO 143.95 326 iPKP 30 22.00 -3.7X
i 30 33.80
CLL 143.97 334 iPKPc 30 20.20 -5.5X
1.3s 26.00nm
i 30 33.10
EAB 144.00 354 ePKP 30 21.00 -4.6X
EAU 144.24 353 ePKPc 30 21.50 -4.5X
PRU 144.30 332 PKP 30 22.50 -3.8X
e 30 34.90
ZST 144.33 327 iPKP 30 23.10 -3.3X
i 30 35.90
EKA 144.71 352 PKP 30 24.00 -2.8X
0.4s 3.20nm
VAY 144.88 314 ePKP 30 24.00 -3.5X
i 30 36.60
SOP 144.94 327 e(PKP) 30 25.00 -2.4X
WIT 144.98 341 ePKP 30 25.00 -2.3X
MOX 145.04 335 iPKPc 30 25.00 -2.6X
1.0s 43.00nm
i 30 37.50
HOF 145.20 334 iPKPc 30 25.40 -2.5X
i 30 37.90
SKO 145.33 315 ePKP 30 26.20 -2.1X
i 30 39.30
KHC 145.36 331 iPKPd 30 25.90 -2.3X
1.0s 53.50nm
i 30 38.90
e 31 34.50
WTS 145.64 341 ePKP 30 26.00 -2.5X
1.0s 20.00nm
e 30 39.50
WET 145.66 332 iPKPc 30 27.30 -1.4
i 30 39.50
GRF 145.95 334 iPKPc 30 28.30 -0.8
e 30 40.70
OHR 146.16 315 ePKP 30 28.40 -1.4
i 30 40.40
BNS 146.41 339 ePKP 30 29.70 -0.1
TNS 146.59 337 ePKPc 30 29.50 -0.7
STB 146.84 339 ePKP 30 30.00 -0.5
KBA 146.95 329 iPKPd 30 30.50 -0.5
1.3s 35.00nm
i 30 35.10
i 30 42.40
ENN 146.99 340 ePKP 30 31.00 0.3
0.5s 10.00nm
e 30 43.00
LJU 147.07 327 e(PKP) 30 30.70 -0.3
I 30 43.20
MEM 147.10 340 PKP 30 31.20 0.4
e 30 43.40
BNG 147.24 245 iPKPc 30 33.00 0.7

	0.9s		46.00nm			
			i	30	45.10	
BCAO	147.25	245	iPKP	30	33.10	0.8
	1.0s		24.25nm			
			pP	30	45.10	
VOY	147.40	327	ePKP	30	30.40	-1.3
UCC	147.43	342	PKP	30	31.70	0.3
			e	30	45.60	
WLF	147 86	339	PKPc	30	33.70	1.6
			e	30	46.30	
GWF	147.93	337	ePKP	30	33.20	0.9
BUH	147.95	336	ePKP	30	33.40	1.0
DOU	147.99	341	PKPc	30	33.10	0.8
			e	30	45.20	
CDF	148.52	337	ePKP	30	34.60	1.2
SLE	148.58	335	ePKP	30	34.40	1.0
SAX	148.63	333	ePKP	30	39.10	5.2X
OSS	148.72	332	ePKP	30	34.90	1.0
LLS	149.08	333	ePKP	30	36.00	1.5
BSF	149.18	336	ePKP	30	36.40	1.9
HAU	149.20	337	ePKP	30	36.20	1.8
MMK	150.16	333	ePKP	30	39.00	2.8X
FIR	150.32	327	ePKP	30	50.00	13.9X
DIX	150.37	334	ePKP	30	39.20	2.7X
FLN	150.56	346	ePKP	30	39.20	2.9X
LDF	150.64	345	ePKP	30	39.50	3.0X
LOR	150.70	339	ePKP	30	39.90	3.2X
LBF	150.91	339	ePKP	30	40.80	3.8X
GRC	150.93	340	iPKPd	30	41.30	4.4X
GRR	151.00	346	ePKP	30	40.60	3.6X
SSF	151.00	339	ePKP	30	40.80	3.7X
LPG	151.12	334	ePKP	30	41.80	4.1X
SMF	151.25	339	ePKP	30	40.90	3.4X
AVF	151.29	339	ePKP	30	41.00	3.5X
LPF	151.38	346	ePKP	30	41.40	3.8X
BGF	151.66	340	ePKP	30	43.00	4.9X
TCF	152.10	340	ePKP	30	43.00	4.2X
MFF	152.50	344	ePKP	30	44.90	5.6X
	S.D	= 1.2	on	51 of 112 obs.		

• JUN 09, 1985 01h 22m 59.40± 0.80s
63.060 N ± 7.7km 150.411 W ± 8.7km
DEPTH = 116.3 ± 10.8 km
4.1mb (2 obs.)
CENTRAL ALASKA (1)

PMR	1.59	157	iP	23	27.60	-0.4
SVW	3.14	234	eP	23	48.70	0.5
MID	4.14	150	eP	24	01.60	0.0
DWY	5.01	74	P	24	14.60	1.1
			S	25	24.60	
KDC	5.43	192	eP	24	14.50	-4.7X
PNL	6.29	118	eP	24	30.60	-0.5
INK	8.71	46	eP	25	04.00	0.1
SIT	9.63	122	eP	25	15.60	-0.6
YKA	16.26	76	eP	26	42.10	0.2
YKC	16.33	76	eP	26	43.00	0.3
	0.7s		8.00nm		4.1mb	
MBC	16 71	25	eP	26	46.00	-1.3
EDM	21.58	100	iPc	27	41.50	1.0
BDW	31.12	111	eP	29	08.50	-0.2
RSSD	32.44	104	eP	29	20.00	-0.2
	0.5s		2.10nm		4.2mb	
	S.D. = 0.8		on	13 of 14 obs.		

• JUN 09, 1985 03h 39m 18.16± 3.35s
33.364 S ±10.4km 71.713 W ±27.9km
DEPTH = 25.6 ± 7.4 km
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.64	157	iPc	39	30.30	-0.4
			iS	39	37.50	
ROCH	0.71	57	iPd	39	32.10	0.1
TACH	0.71	114	iPc	39	31.50	-0.3
SAN	0.88	96	iPd	39	34.70	-0.1
			iS	39	46.20	
PEL	0.89	76	iPd	39	35.20	0.3
BACH	1.02	90	iPd	39	37.10	0.2
PCH	1.03	105	iP	39	36.50	-0.6
CHCH	1.05	123	iPd	39	37.00	-0.3
JACH	1.16	54	iPc	39	39.20	0.3
FCH	1.19	89	iPd	39	39.50	0.0
			iS	39	55.00	
RFA	3.04	118	e(P)	40	07.60	1.9
TCA	6.36	73	e(P)	40	51.60	-1.1
	S.D. = 0.8		on	12 of 12 obs.		

• JUN 09, 1985 03h 59m 06.41± 0.65s
39.395 N ±16.7km 73.393 E ±22.6km
DEPTH = 33.0km (normal)
4.2mb (5 obs.)
TAJIK-XINJIANG BORDER REGION (719)

NDI	11.14	162	ePn	01	47.00	0.5
			eSn	02	51.00	
KKN	15.22	136	eP	02	40.30	-0.4
	0.6s		11.00nm		4.3mb	
PKI	15.46	136	eP	02	41.40	-2.6
GBA	25.94	171	P	04	38.00	0.6
	0.6s		6.70nm		4.4mb	
SUF	36.54	325	eP	06	09.00	-1.4
NUR	36.66	321	iP	06	10.90	-0.5
HFS	42.02	320	eP	06	55.50	-0.4
	0.5s		2.70nm		4.2mb	
KHC	42.90	303	eP	07	03.50	0.2
NB2	43.26	321	P	07	02.50	-3.6X
	0.9s		2.50nm		4.0mb	
INK	70.75	10	eP	10	22.00	1.3
YKA	78.26	4	eP	11	12.60	8.7X
WRA	81.97	124	Pd	11	25.40	1.0
	0.4s		0.40nm		3.8mb	
WB2	81.98	124	eP	11	26.20	1.8
	S.D. = 1.4		on	11 of 13 obs.		

? JUN 09, 1985 04h 37m 34.28± 2.25s
27.728 N ±16.9km 139.911 E ±47.2km
DEPTH = 463.2 ± 22.9 km
4.0mb (2 obs.)
BONIN ISLANDS REGION (212)

MAT	8.91	351	(P)	39	41.00	-0.1
WB2	47.69	187	eP	45	29.20	0.0
WRA	47.70	187	P	45	52.00	22.8X
	0.6s		1.00nm			
YKA	72.54	28	eP	48	14.30	0.1
YKC	72.60	28	eP	48	19.00	4.5X
SOD	73.07	338	iP	48	17.60	0.4
SUF	75.75	334	iP	48	32.60	0.4
	0.4s		2.70nm		4.2mb	
NUR	77.58	333	iP	48	43.00	0.8
NB2	82.27	337	P	49	05.00	-1.8
	0.7s		2.00nm		3.8mb	
	S.D. = 1.2		on	7 of 9 obs.		

JUN 09, 1985 05h 22m 40.45± 0.67s
21.935 N ± 8.1km 102.598 E ± 9.2km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
SOUTHEAST ASIA (299)

KMI	3.18	2	ePn	23	29.50	0.0
			Pg	23	38.00	
			Sn	24	06.00	
			Sg	24	14.00	
LOE	4.58	190	eP	23	49.00	-0.2
CHG	4.62	228	eP	23	49.50	-0.4
CHTO	4.62	228	ePn	23	49.20	-0.7
GYA	5.84	39	Pn	24	06.40	-0.7
			Pg	24	33.60	
			Sn	25	12.40	
			Sg	25	48.80	
QIZ	7.38	112	ePn	24	29.20	0.5
CD2	9.00	6	eP	24	58.30	7.2X
GBA	25.32	255	Pc	28	07.30	1.4
	0.7s		5.50nm		4.3mb	
	S.D. = 0.9		on	7 of 8 obs.		

JUN 09, 1985 05h 53m 01.46± 0.50s
44.881 N ± 4.2km 112.694 W ± 6.6km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.0 (NEIS).

LRM	0.96	10	ePc	53	19.80	-0.5
LCCM	1.12	31	iPc	53	22.70	-0.3
BUT	1.14	5	eP	53	24.40	1.1
			eS	53	40.20	
HPI	1.20	194	eP	53	24.40	-0.2
IMW	1.60	127	eP	53	30.70	0.0
SXM	1.64	39	ePnc	53	31.50	0.2
			ePg	53	33.20	
TMI	1.67	160	eP	53	31.90	0.2
HRY	1.93	18	ePn	53	35.10	-0.2
			ePg	53	38.20	
BDW	3.09	132	e(P)	53	46.50	-5.5X
MFW	4.15	286	eP	54	07.30	0.4
NEW	4.56	320	e(P)	54	12.00	-0.7
	S.D. = 0.6		on	10 of 11 obs.		

? JUN 09, 1985 06h 47m 54.28± 0.73s
28.341 N ±10.5km 141.172 E ±27.9km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
BONIN ISLANDS REGION (212)

MAT	8.55	344	eP	49	59.00	0.2
WB2	48.45	189	eP	56	35.60	0.0
WRA	48.45	189	Pc	56	35.60	0.0
	0.7s		2.60nm		4.4mb	
INK	62.29	25	eP	58	14.00	-1.1
YKA	71.48	28	eP	59	13.20	0.0
YKC	71.54	28	eP	59	13.00	-0.6
LRM	80.57	43	eP	00	06.70	1.5
	S.D = 1.0		on	7 of 7 obs.		

% JUN 09, 1985 07h 45m 45.96± 0.85s
40.285 N ± 7.7km 27.276 E ± 7.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KGT	0.17	7	iPg	45	49.90	0.1
			iSg	45	53.90	
EDC	0.45	82	iPg	45	54.80	-0.4
			iSg	46	01.30	
EZN	0.86	238	iPg	46	02.40	-0.1
			iSg	46	16.90	
CTT	1.23	45	iPn	46	08.90	0.1
DST	1.24	123	ePn	46	09.40	0.3
	S.D. = 0.4		on	5 of 5 obs.		

JUN 09, 1985 08h 03m 44.48± 1.23s
24.376 S ± 9.0km 179.867 E ± 5.7km
DEPTH = 518.8 ± 16.2 km
4.8mb (17 obs.)
SOUTH OF FIJI ISLANDS (171)

NDU	12.50	277	iPc	06	38.00	1.0
KRP	14.00	194	P	06	46.00	1.7
			S	09	20.00	
GNZ	14.31	186	eP	06	48.00	0.6
			S	09	17.00	
MNG	16.61	192	P	07	08.00	-2.2
			S	09	50.00	
RMQ	28.14	259	iPd	08	57.40	1.3
CAN	28.80	241	eP	09	02.40	0.6
YOU	29.07	243	eP	09	04.70	0.6
WAM	29.11	239	eP	09	06.30	1.9
CTA	31.36	271	iPd	09	24.20	0.4
	0.6s		55.33nm		5.3mb	
PMO	31.68	79	iP	09	25.40	-1.1
	0.7s		15.00nm		4.7mb	
VAH	31.83	80	iP	09	26.50	-1.3
	0.7s		10.00nm		4.5mb	
TPT	31.94	79	iP	09	27.60	-1.1
	0.7s		30.00nm		5.0mb	
RUV	32.07	80	iP	09	28.60	-1.2
	0.7s		15.00nm		4.7mb	
STK	34.44	249	iPc	09	50.00	0.4
PMG	34.54	290	iPd	09	51.00	0.4
	0.7s		54.79nm		5.2mb	
ASPA	41.84	261	iPd	10	49.90	-0.2
WB2	42.24	267	iPd	10	52.30	-1.0
			e	11	16.00	
			eScP	15	39.80	
			eS	16	34.20	
WRA	42.25	267	Pd	10	52.30	-1.1
	0.4s		23.00nm		5.1mb	
WBN	47.95	256	iPd	11	36.20	-1.2
	0.4s		25.00nm		5.0mb	
KNA	48.54	270	iPd	11	41.50	-0.4
GUA	50.85	314	eP	11	58.20	-0.7
	0.7s		60.27nm		5.1mb	
GUMO	50.91	314	eP	11	58.10	-1.3
PJG	50.91	314	eP	11	58.10	-1.3
MBL	55.08	260	eP	12	28.00	-1.3
MRWA	56.61	250	eP	12	38.00	-1.8
SPA	65.77	180	iPc	13	39.40	0.0
	0.8s		31.25nm		5.0mb	
MAW	77.26	200	eP	14	46.00	0.4
PRI	82.30	45	eP	15	13.60	1.1
MHC	82.42	43	eP	15	14.20	1.1

09d 08h

SBB	83.30	47	eP	15 17.00	-0.4
JAS1	83.54	43	iPc	15 19.40	0.9
ORV	83.88	42	ePc	15 20.80	0.7
WDC	83.90	40	iPc	15 21.10	0.9
CLC	84.11	46	eP	15 22.00	0.6
TPC	84.17	49	eP	15 22.00	0.2
MIN	84.31	41	eP	15 23.50	1.1
GSC	84.34	47	eP	15 23.00	0.4
MNA	85.27	44	eP	15 27.50	0.3
BMN	87.03	43	eP	15 36.00	0.5
	1.0s	3.00nm		4.0mb	
EUR	87.27	44	iP	15 36.50	-0.3
	0.2s	10.61nm		5.3mb	
PGC	88.57	34	eP	15 43.00	0.7
RMU	89.25	48	eP	15 47.00	1.0
LTX	90.78	58	eP	15 54.20	1.1
	1.0s	8.00nm		4.6mb	
PNT	90.95	35	eP	15 54.00	0.7
	0.7s	5.00nm		4.6mb	
ALQ	91.34	52	eP	15 55.80	0.1
	0.9s	5.67nm		4.6mb	
BDW	93.11	44	eP	16 02.50	-1.2
	1.0s	2.20nm		4.2mb	
GOL	94.37	48	eP	16 10.00	0.4
	0.8s	1.19nm		4.1mb	
FRB	121.12	29	ePKP	21 37.00	-1.5
SOB1	128.07	125	ePKP	21 52.40	-1.1
	0.5s	7.40nm			
		i		21 53.40	
SUF	137.82	342	ePKP	22 03.00	-7.4X
NUR	140.02	341	ePKP	22 10.00	-4.4X
	0.6s	13.00hm			
		i		22 16.00	
		iSKP		25 02.20	
UPP	142.43	345	iPKP	22 13.80	-4.8X
NB2	142.53	351	PKP	22 13.20	-5.7X
	0.8s	4.20nm			
HFS	142.99	349	ePKP	22 15.80	-3.8X
	0.4s	20.80nm			
EDU	147.79	3	iPKPc	22 30.70	3.0X
ELO	147.83	4	iPKPc	22 30.90	3.1X
EBH	148.07	4	iPKPc	22 31.60	3.5X
EAB	148.07	4	iPKP	22 31.60	3.5X
ESY	148.44	3	iPKPc	22 32.40	3.7X
EAU	148.47	4	iPKPc	22 32.80	4.0X
EBL	148.56	3	iPKPc	22 33.00	4.1X
EKA	149.00	3	PKPd	22 33.80	4.2X
	1.1s	16.30nm			
KRA	149.98	334	ePKP	22 36.80	5.6X
KSP	150.68	339	iPKPc	22 39.00	6.7X
	0.6s	31.00nm			
CLL	151.27	343	iPKPc	22 40.00	6.9X
	0.9s	28.00nm			
		e		24 44.00	
BRG	151.40	341	iPKPc	22 39.80	6.5X
	0.6s	16.00nm			
		e		24 37.70	
KHC	153.05	340	ePKP	22 25.80	-10.0X
BNG	153.23	225	iPKPd	22 36.80	-0.2
	1.0s	10.00nm			
		i		22 44.80	

S.D. = 1.0 on 50 of 68 obs.

JUN 09, 1985 08h 23m 03.94± 0.63s
36.523 N ± 7.7km 140.680 E ±10.7km
DEPTH = 63.0 ± 4.9 km
4.5mb (3 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Mito.

MIT	0.22	229	iPd	23 13.40	-0.5
			iS	23 19.70	
ONA	0.46	23	P	23 15.90	0.0
			iS	23 24.40	
TSK	0.56	236	iPd	23 16.00	-0.9
FKS	1.24	352	eP	23 26.00	0.4
			eS	23 43.00	
DDR	1.31	247	iPd	23 26.00	-0.6
			S	23 42.20	
KYS	1.39	198	eP	23 28.50	0.9
SRY	1.46	232	eP	23 28.30	-0.3
OYM	1.60	227	eP	23 31.10	0.5
MAT	1.99	271	iPc	23 37.10	1.2
			(S)	24 02.00	
PMG	46.09	171	eP	31 32.00	8.5X
INK	55.12	27	eP	32 32.00	0.5
SOD	65.21	337	eP	33 40.00	-0.3
KJF	66.72	334	iP	33 50.10	0.1
	0.5s	9.80nm		5.0mb	
SUF	68.17	333	iP	33 58.90	-0.3
	0.4s	2.00nm		4.4mb	
NUR	70.12	332	eP	34 11.00	-0.1
NB2	74.43	337	P	34 36.00	-0.7
	0.7s	2.70nm		4.3mb	

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

* JUN 09, 1985 08h 44m 54.71± 1.98s
33.419 S ± 6.1km 71.619 W ±15.3km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.56	162	iPc	45 05.70	-0.4
			iS	45 14.00	
TACH	0.62	113	iPc	45 07.40	0.3
			iS	45 16.20	
ROCH	0.68	49	iPb	45 07.70	-0.6
SAN	0.80	93	iPd	45 10.30	0.0
			iS	45 21.00	
PEL	0.83	71	iPd	45 10.90	0.1
BACH	0.95	86	iPc	45 12.70	-0.1
PCH	0.94	103	iP	45 12.60	-0.2
CHCH	0.96	123	iPd	45 12.50	-0.4
FCH	1.11	86	iPd	45 15.70	-0.2
JACH	1.13	50	iP	45 14.70	-1.3
MDZ	2.38	78	eP	45 35.20	0.7
			eS	46 10.80	
RFA	2.94	118	e(P)	45 43.00	0.6
RTCV	3.03	60	ePd	45 46.80	3.2X
			S	46 28.30	
RTCB	3.06	52	e(P)	45 46.30	2.1X
			S	46 28.80	
CFA	3.38	59	e(P)	45 50.50	1.9X
RTLL	3.38	53	ePc	45 50.10	1.4
			S	46 33.40	
TCA	6.30	73	ePc	46 22.20	-7.8X
			S	47 40.70	

S.D. = 0.7 on 13 of 17 obs.

JUN 09, 1985 11h 23m 17.90± 0.38s
60.084 N ± 4.5km 152.608 W ± 4.3km
DEPTH = 97.8km (5 depth phases)
4.5mb (10 obs.)
SOUTHERN ALASKA (2)

ILM	0.14	313	iP	23 31.48	1.2
RDT	0.50	11	iP	23 34.06	0.3
AUL	0.82	211	iP	23 36.36	-0.2
AUH	0.84	211	eP	23 36.55	-0.2
			iS	23 49.66	
BRLK	0.92	110	iP	23 37.72	0.1
NKA	0.95	45	iP	23 40.29	2.5
SPU	1.13	14	iP	23 40.96	0.9
CRP	1.21	10	iP	23 41.90	0.9
SLKM	1.26	69	eP	23 41.50	0.0
CGLM	1.26	13	iP	23 42.52	0.9
SEW	1.58	88	iP	23 45.27	-0.2
			iS	24 05.29	
SUA	1.66	33	iP	23 47.83	1.2
			iS	24 10.03	
MPA	1.67	74	iP	23 46.66	0.1
SVW	1.81	306	iP	23 48.02	-0.4
PMS	1.90	51	iP	23 50.64	1.0
PTE	1.94	65	iP	23 50.19	0.1
SKT	1.97	15	iP	23 51.17	0.6
PWA	2.06	39	iP	23 52.97	1.3
PMR	2.28	47	P	23 54.90	0.3
PME	2.34	47	eP	23 54.70	-0.7
KDC	2.34	178	eP	23 53.60	-1.8
KNK	2.44	55	iP	23 56.82	0.1
GHO	2.47	45	iP	23 57.63	0.4
MSE	2.50	44	eP	23 57.79	0.1
CFI	2.63	63	iP	23 58.39	-0.9
SML	2.71	48	iP	24 00.45	0.0
GLI	2.84	71	eP	24 00.72	-1.5
TTV	2.88	68	eP	24 01.58	-1.2
HIN	3.06	81	eP	24 03.86	-1.4
FID	3.11	75	iP	24 03.85	-2.1
SCM	3.12	53	eP	24 05.95	-0.1
VZW	3.14	69	eP	24 05.11	-1.3
MID	3.24	99	eP	24 07.40	-0.2
VLZ	3.27	69	eP	24 06.91	-1.1
TTA	3.29	332	iP	24 08.19	-0.2
KLU	3.57	64	iP	24 11.46	-0.8
SGAM	3.71	80	eP	24 12.12	-2.0
TOA	3.72	54	eP	24 14.20	-0.2
KMP	3.98	66	iP	24 17.02	-0.9
BALM	5.15	75	eP	24 32.31	-1.8
FBA	5.32	23	eP	24 35.70	-0.7
IMA	6.03	356	eP	24 46.20	0.0
SDN	6.36	225	eP	24 48.60	-2.0
PNL	6.67	88	eP	24 53.40	-1.5
DWY	7.35	52	P	25 03.70	-0.6
			S	26 43.70	
SIT	9.52	101	eP	25 32.30	-1.4
INK	11.65	37	eP	26 03.00	0.9
ADK	15.70	249	eP	26 55.60	1.2
YKA	18.24	66	eP	27 25.10	-0.5
YKC	18.30	66	eP	27 26.00	-0.4
	0.8s	10.00nm		4.1mb	
MBC	19.87	23	eP	27 45.00	2.0
BFW	21.98	115	P	28 08.00	3.4X
EDM	22.37	90	eP	28 10.50	2.2
NEW	23.58	104	eP	28 22.00	1.9
SES	25.19	94	eP	28 38.00	2.6
HPI	28.80	107	P	29 09.50	0.9
IMW	29.71	104	P	29 18.40	1.7
			pP	29 41.30	103km
JAS1	30.11	123	P	29 21.70	1.8
	0.7s	3.25nm		4.2mb	
			pP	29 41.40	85kmX
BDW	31.21	104	eP	29 30.50	0.7
	1.0s	5.00nm		4.2mb	
VPEM	32.88	121	P	29 46.10	1.7
RSSD	32.95	97	eP	29 46.20	1.3
	0.6s	3.10nm		4.3mb	
			pP	30 08.50	97km
FRB	37.05	47	eP	30 20.00	0.7
ALQ	38.86	109	eP	30 36.80	1.8
DAG	40.35	15	iPd	30 45.20	-1.4
	0.4s	7.63nm		4.9mb	
			i	31 12.00	117kmX
SIO	43.16	98	e(P)	31 09.60	-0.4
			e	31 40.10	135kmX
TUL	43.28	98	eP	31 11.40	0.4
	0.8s	15.80nm		4.9mb	
			e	31 34.40	97km
RLO	43.46	97	iP	31 12.70	0.3
			e	31 35.10	94km
JCT	45.71	106	iP	31 31.80	1.3
	0.8s	39.18nm		5.3mb	
			ipP	31 55.00	98km
MAT	48.97	274	eP	31 54.00	-1.9
	0.9s	9.24nm		4.7mb	
SOD	52.85	0	eP	32 23.00	-1.7
KJF	56.04	360	eP	32 44.00	-4.0X
SUF	57.52	1	eP	32 57.00	-1.4
NB2	58.56	9	P	33 01.70	-4.2X
	0.7s	1.60nm		4.2mb	
HFS	59.64	8	eP	33 10.60	-2.7
	0.5s	2.10nm		4.5mb	

S.D. = 1.3 on 71 of 74 obs.

JUN 09, 1985 12h 53m 45.32± 0.40s
5.214 S ± 8.4km 68.626 E ± 6.7km
DEPTH = 10.0km (geophysicist)
5.0mb (17 obs.)
CHAGOS ARCHIPELAGO REGION (426)

GBA	20.64	25	Pd	58 26.90	-0.9
	0.9s	15.00nm		4.3mb	
HYB	24.53	23	ePc	59 06.50	0.1
NDI	34.70	13	eP	00 38.00	0.5
DMN	36.31	25	eP	00 52.20	0.7
	0.8s	27.00nm		5.1mb	
PKI	36.40	26	eP	00 52.70	0.3
	0.8s	27.00nm		5.1mb	
KKN	36.54	25	eP	00 53.80	0.4
	0.7s	42.00nm		5.4mb	
MTD	38.06	249	eP	01 07.00	0.8
CHG	38.24	51	iPc	01 08.20	0.6
	0.8s	7.84nm		4.5mb	
CHTO	38.24	51	eP	01 08.10	0.5
	1.2s	13.89nm		4.6mb	
BUL	41.62	245	eP	01 36.00	0.3
MHI	42.17	349	eP	01 41.00	1.1
WRA	65.42	109	Pd	04 30.00	-0.9
	0.2s	42.40nm		6.3mb	X
BRG	72.84	327	i(P)	05 15.70	-0.5
OSS	72.97	322	eP	05 17.10	-0.1
CLL	73.58	327	iPd	05 20.70	0.3
	1.5s	25.00nm		5.0mb	

HOF 73.69 326 eP 05 21.10 0.0
1.0s 24.00nm 5.2mb
LLS 73.75 322 eP 05 21.10 -0.7
GRF 73.75 325 eP 05 21.30 -0.2
1.0s 36.00nm 5.4mb
NUR 73.97 339 iP 05 21.40 -1.1
MOX 74.00 326 eP 05 24.00 1.1
MMK 74.03 321 eP 05 23.10 -0.4
LPG 74.57 320 eP 05 26.00 -0.7
SUF 75.03 341 iP 05 28.00 -0.6
0.9s 17.00nm 5.1mb
CDF 75.47 323 eP 05 31.10 -0.5
BSF 75.52 322 eP 05 31.20 -0.7
1.0s 8.80nm 4.8mb
KJF 75.63 343 iP 05 31.60 -0.4
0.8s 14.70nm 5.1mb
HAU 75.86 322 eP 05 33.00 -0.7
LBF 76.93 321 eP 05 39.40 -0.3
LOR 77.11 321 eP 05 40.90 0.2
AVF 77.25 320 eP 05 41.30 -0.2
SSF 77.26 321 eP 05 41.70 0.2
0.9s 7.20nm 4.8mb
BGF 77.49 320 eP 05 43.40 0.6
0.9s 8.50nm 4.8mb
MZF 77.53 319 eP 05 43.50 0.4
GRC 77.62 321 iPd 05 43.60 0.2
TCF 77.80 319 eP 05 44.90 0.3
RJF 77.91 318 eP 05 45.90 0.8
HFS 77.98 335 eP 05 44.70 -0.5
0.7s 9.30nm 5.0mb
LSF 78.23 319 eP 05 47.40 0.5
1.1s 11.30nm 4.9mb
LFF 78.30 318 eP 05 48.50 1.2
NB2 79.50 335 P 05 51.60 -2.0
0.9s 4.10nm 4.4mb
YKA 122.79 2 ePKP 12 42.50 -0.2
YKC 122.81 2 ePKP 12 42.00 -0.8
RSON 132.16 345 ePKP 12 52.00 -9.1X
0.9s 2.94nm
BMN 144.55 8 ePKP 13 23.90 -0.4
1.2s 10.08nm
GOL 145.24 352 ePKP 13 25.00 -0.7
0.9s 9.09nm
EUR 145.63 6 iPKP 13 26.80 0.5
0.2s 44.66nm
RLO 145.72 336 ePKP 13 26.00 -0.2
TUL 146.25 337 ePKP 13 27.20 0.1
0.8s 20.80nm
e 13 37.00
e 13 48.50
SIO 146.60 337 ePKP 13 29.50 1.8
e 14 43.30
CLC 149.01 10 ePKP 13 36.00 4.4X
GSC 149.64 9 ePKP 13 38.00 5.4X
SBB 150.07 11 ePKP 13 39.00 5.8X
TPC 150.93 8 ePKP 13 37.00 2.5X
JCT 152.61 338 ePKP 13 44.00 6.9X
S.D. = 0.7 on 48 of 54 obs.

JUN 09, 1985 12h 54m 24.07± 1.03s
0.135 N ± 4.3km 122.029 E ± 5.9km
DEPTH = 208.1 ± 11.0 km
4.9mb (13 obs.)
MINAHASSA PENINSULA (265)

MKS 5 90 206 ePd 55 50.50 -0.3
KKM 8.25 315 iPd 56 27.50 5.8X
MAN 14.46 356 eP 57 41.20 0.6
MTN 15.74 145 iPd 57 56.00 -0.3
KNA 17.13 157 iPc 58 12.10 -0.7
KGM 18.80 276 ePd 58 29.50 -0.8
MBL 21.27 186 iPc 58 55.20 0.1
IPM 21.44 282 ePd 58 56.00 -0.7
PPI 21.64 268 eP 59 00.00 1.3
QIZ 22.26 328 P 59 06.40 1.7
PSI 23.24 276 iPc 59 15.00 0.9
0.6s 17.80nm 4.9mb
WRA 23.32 150 Pc 59 14.40 -0.5
0.3s 20.90nm 5.2mb
WB2 23.32 150 iPc 59 14.60 -0.4
eS 03 17.30
GZH 24.33 340 eP 59 25.00 0.7
PJG 26.27 58 eP 59 40.10 -2.2
ASPA 26.32 155 iPc 59 42.50 -0.2
0.4s 67.00nm 5.7mb
ePcP 03 03.00
eS 04 02.00

LOE 26.34 312 eP 59 42 00 -0.8
WBN 26.49 171 iPc 59 44.20 0.1
0.4s 23.00nm 5.2mb
MEK 26.80 187 iPc 59 46.60 -0.4
MRWA 29.75 191 iPc 00 12.80 -0.4
0.5s 27.00nm 5.2mb
GYA 30.07 332 P 00 16.80 0.7
KLG 30.75 181 eP 00 21 00 -1.0
BAL 30.99 189 iPc 00 23.60 -0 4
CTA 31.09 132 iPd 00 25.30 0.2
1.0s 22.00nm 4.8mb
i 03 16.30
KLB 31.81 187 iPc 00 30.60 -0.6
0.3s 16.00nm 5.1mb
MUN 32.41 189 iPc 00 35.00 -1.4
NWAO 33.19 187 eP 00 43.00 -0.1
CD2 35.18 332 eP 01 00.00 -0.1
XAN 35.90 341 eP 01 05.20 -0.9
STK 36.83 152 iPc 01 14.50 0.6
0.8s 38.00nm 5.1mb
ADE 38.24 158 iPd 01 26.90 1.2
TIY 38.43 348 eP 01 27.30 0.1
MAT 39.21 21 (P) 01 29.00 -4.6X
BJI 40.07 353 eP 01 39.00 -1.6
YOU 42.21 147 eP 01 59.60 1.4
CAN 43.33 147 iPc 02 08.70 1.4
e 03 52.90
TOO 43.33 153 eP 02 09.00 1.8
WAM 43.92 148 iPc 02 13.50 1.6
e 03 09.50
GTA 44.05 335 P 02 13.90 0.7
PKI 44.47 311 iP 02 17.20 0.3
0.6s 16.00nm 4.7mb
KKN 44.69 311 iP 02 18.90 0.5
0.6s 26.00nm 4.8mb
DMN 44.72 311 iP 02 19.50 0.7
0.6s 15.00nm 4.6mb
HYB 46.09 294 eP 02 29.50 0.0
GBA 46.14 289 Pd 02 29.70 -0.1
0.8s 14.30nm 4.4mb
NOU 48.66 120 iPd 02 50.00 0.7
NDI 51.36 308 iPc 03 08.00 -1.7
1.0s 10.00nm 4.3mb
KRP 62.04 134 P 04 25.00 0.3
PcP 05 04.00
TCW 62.59 138 P 04 27.80 -0.5
MNG 63.14 137 P 04 31.00 -1.0
RSSD 119.87 37 ePKP 12 50.30 -1.3
0.8s 1.76nm
GOL 121.38 42 ePKP 12 54.50 -0.2
0.7s 1.21nm
ALO 122.90 47 ePKP 12 58.00 0.4
1.0s 3.75nm
KIC 126.49 278 e(PKP) 13 04.50 -0.4
JCT 129.95 49 ePKP 13 11.00 -0 1
0.8s 8.21nm
e 13 44.00
S.D. = 0.9 on 52 of 54 obs.

* JUN 09, 1985 13h 14m 11.05± 0.62s
6.817 N ± 6.9km 73.158 W ±12.4km
DEPTH = 175.3 ± 6.2 km
3.9mb (1 obs.)
NORTHERN COLOMBIA (99)

BMG 0.27 18 iP 14 36.50 0.4
BOG 2.36 203 iP 14 52.00 -0.6
iS 15 23.00
UPA 6.67 289 eP 15 54.00 6.3X
PSO 6.96 217 eP 15 52.00 0.0
ZOBO 23.47 168 ePd 19 06.70 0.0
LPB 23.73 168 eP 19 10.00 1.0
CNCB 24.03 168 P 19 12.00 0.0
SOB1 35.88 116 eP 20 55.50 -0.6
0.5s 1.40nm 3.9mb
LRM 51.56 326 eP 23 01.60 0.1
YKC 63.20 340 eP 24 22.00 -0.4
YKA 63.25 340 eP 24 22.70 0.0
INK 73.01 340 eP 25 23.00 0.1
WB2 150.29 241 ePKP 33 44.20 6.0X
WRA 150.30 241 PKPd 33 44.40 6.2X
0.4s 1.00nm
S.D. = 0.5 on 11 of 14 obs.

JUN 09, 1985 14h 24m 07.97± 0.40s
45.208 N ± 8.7km 27.964 W ± 4.3km
DEPTH = 10.0km (geophysicist)

4.8mb (26 obs) 4.3Msz (3 obs.)
NORTH ATLANTIC RIDGE (403)

TOL 18.38 98 eP 28 24.00 -0.4
EKA 18.72 48 P 28 36.00 7.6X
1.0s 10.70nm 4.0mb
FLN 19.04 69 eP 28 28.00 -4.4X
1.3s 24.50nm 4.3mb
MAL 19.65 107 iPc 28 45.70 6 0X
LSF 20.57 77 eP 28 48.10 -1 2
1.1s 29.30nm 4.5mb
TCF 21.03 76 eP 28 53.10 -1 0
1.2s 82.60nm 5 0mb
AKU 21.22 11 eP 28 59.20 3.4X
1.8s 145.45nm 5.1mb
MZF 21.30 76 eP 28 55.80 -1 0
1.3s 93.50nm 5.0mb
BGF 21.43 75 eP 28 57.30 -0.8
1.2s 62.90nm 4.9mb
GRC 21.50 73 iPc 28 58.70 0.0
AVF 21.74 75 eP 29 00.40 -0.8
1.3s 60.10nm 4.8mb
SSF 21.81 74 eP 29 01.40 -0.6
1.2s 63.60nm 4.9mb
LOR 22.03 73 eP 29 03.60 -0.5
1.3s 111.90nm 5.1mb
SMF 22.10 75 eP 29 04.30 -0.5
1.1s 32.70nm 4.7mb
LBF 22.14 74 eP 29 04.60 -0.7
1.4s 76.60nm 5.0mb
UCC 22.22 64 P 29 07.50 1.5
DOU 22.36 66 P 29 09.80 2.5
MEM 23.27 64 Pc 29 18.40 2.2
WLF 23.38 67 Pc 29 18.40 1.1
HAU 23.62 71 eP 29 19.60 -0.2
BSF 23.94 71 eP 29 22.80 -0.1
1.1s 54.20nm 5.0mb
CDF 24.20 70 eP 29 25.50 0.1
1.1s 19.50nm 4.6mb
LPG 24.29 77 eP 29 26.30 -0.3
GWF 24.38 68 eP 29 28.00 0.9
LRG 24.51 82 eP 29 29.50 1.2
LMR 24.65 82 eP 29 29.90 0.2
FRF 24.68 81 eP 29 30.10 0.1
0.9s 12.10nm 4.6mb
GRF 26.66 66 eP 29 47.50 -1.0
MOX 26.84 64 eP 29 50.00 -0.1
1.6s 26.00nm 4.7mb
Z 18s 0.70um 4.3Msz
N 12s 0.40um
E 18s 0.60um
CLL 27.67 62 eP 29 57.00 -0.7
KHC 28.25 67 Pc 30 02.80 -0.2
1.3s 23.50nm 4.8mb
Z 18s 0.30um 3.9Msz
e 30 29.70
BRG 28.29 63 eP 30 03.80 0.5
2.0s 22.00nm 4.6mb
e 30 08.00
KBA 28.45 71 eP 30 05.00 0.0
1.5s 28.60nm 4.8mb
PRU 28.76 65 eP 30 07.50 -0.1
Z 17s 0.80um 4.4MszX
E 17s 0.80um
eS 35 00.00
FRB 29.28 324 eP 30 11.00 -1.0
SRO 31.59 68 e(P) 30 33.60 0.9
KRA 32.20 64 eP 30 36.80 -1.2
SPC 32.56 65 eP 30 42.10 0.8
NUR 34.21 44 iP 30 54.70 -0.6
SUF 35.05 41 iP 31 02.50 0.0
0.9s 12.00nm 4.8mb
CLO 35.32 72 eP 31 05.00 -0.1
KJF 35.87 38 iP 31 09.30 -0.1
0.8s 19.10nm 5.0mb
i 31 14.10
DOC 37.24 67 eP 31 18.00 -3.2X
BUC 37.76 71 eP 31 22.00 -3.5X
MBC 46.95 341 eP 32 40.00 -0.1
YKA 49.79 323 eP 33 02.10 -0.1
RLO 50.32 284 eP 33 06.50 -0 2
e 33 10.80
TUL 50.98 285 eP 33 11.50 -6 2
1.2s 17.20nm 4.9mb
Z 20s 0.84um 4.8Msz
N 19s 0.27um
E 19s 0.28um

09d 14h

	e	33 16.70			
INK	54.12 334 eP	33 35.00	0.3		
BCAO	57.35 121 eP	33 58.10	-0.6		
	1.2s 10.42nm	4.7mb			
BNG	57.36 121 iPc	33 58.10	-0.7		
	0.7s 7.00nm	4.8mb			
ALO	58.73 290 eP	34 08.70	0.3		
	1.2s 7.81nm	4.7mb			
EUR	62.16 299 iP	34 32.20	0.3		
	0.8s 2.95nm	4.5mb			
KRI	80.82 125 eP	36 24.00	0.4		
MTD	81.94 123 iPc	36 30.00	0.7		
BUL	82.89 128 eP	36 35.30	1.0		
WRA	150.86 36 PKPc	44 01.40	5.0X		
	1.3s 8.30nm				
WB2	150.86 36 ePKP	44 00.90	4.5X		
	S.D. = 0.8 on 50 of 58 obs.				

* JUN 09, 1985 15h 57m 08.67± 1.96s
37.940 N ±12.2km 142.373 E ±20.9km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
OFF EAST COAST OF HONSHU, JAPAN (229)

FKS	1.51 264 Pd	57 33.50	-0.2		
	S	57 47.70			
TSK	2.50 227 eP	57 47.40	-0.5		
DDR	3.20 234 eP	57 57.90	0.0		
	S	58 34.40			
KYS	3.27 214 eP	58 03.50	4.7X		
SRY	3.41 228 eP	58 01.00	0.2		
OYM	3.56 226 eP	58 04.50	1.6		
MAT	3.60 248 eP	58 04.00	0.4		
	eS	58 55.00			
MDJ	11.70 309 eP	59 58.50	2.3		
XAN	27.26 272 eP	02 50.00	-1.8		
GYA	32 13 260 P	03 34.40	-1.0		
CD2	32 44 269 eP	03 36.60	-1.4		
KKN	48.36 276 eP	05 49.00	-0.5		
	0.8s 9.00nm	4.9mb			
WRA	58 07 189 Pd	07 01.80	0.8		
	0.7s 1.70nm	4.2mb			
	S.D. = 1.3 on 12 of 13 obs.				

JUN 09, 1985 16h 39m 34.88± 0.94s
21.555 S ± 4.5km 170.396 E ± 6.3km
DEPTH = 148.9 ± 7.9 km
5.3mb (20 obs.)
LOYALTY ISLANDS REGION (189)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 25C
Centroid Location:
Origin Time 16:39:36.6 0.5
Lat 21.81S 0.06 Lon 170.22E 0.07
Dep 138.1 3.0 Half-duration 1.7
Moment Tensor; Scale 10**23 D-CM
Mrr=-4.94 0.54 Mtt= 7.16 0.87
Mff=-2.22 0.77 Mrt= 8.12 0.57
Mrf=-2.77 0.50 Mtf= 6.06 0.84
Principal Axes:
T Val= 12.52 Plg=21 Azm=341
N -0.52 35 87
P -12.00 47 227
Best Double Couple:Mo=1.2*10**24
NP1:Strike= 28 Dip=39 Slip=-156
NP2: 278 75 -53

NOU	3.74 258 iPd	40 31.50	-0.9		
	iS	41 12.20			
PVC	4.27 332 iPc	40 38.70	-0.7		
	iS	41 28.90			
CRZ	12.99 172 P	42 36.00	1.1		
HNR	15.69 319 eP	43 10.00	0.8		
	eS	46 10.00			
VSG	15.98 318 eP	43 13.00	0.3		
KRP	16.91 166 P	43 24.00	0.0		
	pP	43 35.00			
GNZ	18.25 161 P	43 39.00	-0.5		
COO	18.88 238 iPd	43 47.60	1.3		
	0.8s 148.00nm	5.4mb			
MNG	19.49 168 Pd	43 51.60	-1.0		
	0.8s 140.00nm	5.4mb			
	e	44 12.40			
	pP	44 21.00			
TCW	19.87 171 P	43 56.50	0.1		
WEL	20.02 170 eP	44 21.00	23.1X		

	S	47 48.00			
RMO	20.36 252 iPd	44 03.50	2.0		
	1.0s 833.00nm	6.1mb			
PAA	20.93 314 eP	44 08.00	0.7		
	eS	44 15.00			
RIV	20.93 230 eP	44 09.00	1.9		
BGA	21.24 314 eP	44 11.00	0.4		
ALOA	22.24 297 e(P)	44 14.00	-6.1X		
CTA	22.61 269 iPd-	44 25.00	1.3		
	1.0s 101.50nm	5.2mb			
	iS	48 22.00			
MSZ	23.15 185 P	44 30.00	1.3		
CAN	23.22 229 iPd	44 30.80	1.2		
WAM	23.75 227 iPd	44 36.10	1.5		
CMS	24.06 241 iPd	44 38.20	0.6		
	1.4s 940.00nm	6.1mb			
PMG	25.40 295 e(P)	44 48.00	-2.3		
TOO	26.79 228 eP	45 02.00	-0.8		
BFD	28.70 231 iPd	45 19.80	-0.2		
TAU	28.72 217 eP	45 20.00	-0.1		
ADE	30.80 237 iPd	45 38.50	-0.1		
WB2	33.70 266 iPd	46 02.30	-1.6		
ASPA	33.70 259 iPd	46 03.00	-0.9		
	0.9s 98.00nm	5.5mb			
	eS	51 13.00			
WRA	33.71 266 Pd	46 01.90	-2.1		
	1.3s 59.90nm	5.2mb			
MTN	38.41 276 iPd	46 42.60	-1.0		
	0.5s 54.00nm	5.5mb			
KNA	39.78 271 iPd	46 54.80	-0.1		
WBN	40.20 255 iPd	46 58.20	-0.1		
	0.4s 60.00nm	5.7mb			
GUA	42.92 322 eP	47 20.80	0.3		
	1.2s 100.00nm	5.3mb			
PJG	42.98 322 eP	47 20.60	-0.4		
KLG	44.58 248 iPd	47 33.30	-0.6		
	0.4s 17.00nm	5.0mb			
MBL	46.92 261 iPd	47 52.10	-0.3		
MEK	47.35 253 iPd	47 55.10	-0.7		
KLB	47.74 246 iPd	47 57.80	-0.9		
NWAO	48.16 245 iPd	48 01.30	-0.6		
RKG	48.35 243 eP	48 03.00	-0.4		
BAL	48.68 248 iPd	48 05.00	-0.9		
MUN	49.05 246 iPd	48 08.10	-0.6		
	0.4s 6.00nm	4.7mb			
MRWA	49.38 249 iPd	48 10.40	-0.9		
NAU	50.64 258 eP	48 20.50	-0.5		
MAT	65.29 332 eP	50 02.00	-0.8		
	1.0s 32.00nm	5.2mb			
SPA	68.58 180 iPd	50 22.50	-0.8		
	1.0s 49.00nm	5.3mb			
KGM	69.54 281 iPd	50 30.40	0.6		
	0.8s 85.40nm	5.6mb			
IPM	72.66 282 ePd	50 48.00	-0.5		
	0.8s 40.10nm	5.2mb			
PSI	73.83 280 iPd	50 54.70	-0.6		
	1.0s 41.40nm	5.1mb			
MDJ	75.66 331 eP	51 04.70	-0.4		
TIA	76.39 318 P	51 09.80	0.4		
MAW	76.71 202 eP	51 11.00	0.4		
CN2	76.99 328 Pc	51 12.40	-0.1		
	PP	54 08.00			
GYA	78.03 305 P	51 19.60	0.8		
BJI	79.41 321 eP	51 26.00	0.2		
KMI	80.41 302 eP	51 33.50	1.7		
XAN	80.47 312 P	51 32.00	0.4		
CHG	80.59 294 iPd	51 34.80	2.2		
	1.0s 15.00nm	4.7mb			
CHTO	80.59 294 eP	51 34.80	2.3		
	1.1s 12.37nm	4.6mb			
CD2	82.50 307 eP	51 44.40	2.1		
SNA	88.24 182 iPd	52 09.00	-0.9		
	1.0s 100.00nm	5.8mb			
GTA	89.50 313 P	52 17.80	1.3		
GLA	89.60 54 eP	52 18.00	1.0		
YKA	102.22 27 ePdiff	53 16.50	2.8X		
BUL	124.21 225 iPKPc	58 18.00	-0.2		
MTD	124.49 230 iPKPc	58 19.00	0.2		
KRI	125.85 228 iPKPc	58 21.00	-0.5		
KJF	130.72 340 iPKP	58 29.00	-0.1		
SUF	132.24 339 ePKP	58 31.00	-1.1		
	0.4s 1.90nm				
NUR	134.28 337 ePKP	58 36.00	0.0		
	0.5s 7.00nm				
NB2	137.95 345 PKP	58 41.60	-1.4		
	0.6s 1.30nm				
SPC	143.65 327 e(PKP)	58 58.10	4.4X		

	e	59 25.10			
JOS	143.92 325 ePKP	58 52.20	-1.7		
GZR	144.40 320 ePKPc	58 54.00	-0.9		
KSP	144.43 332 iPKPd	58 53.80	-0.9		
	0.9s 46.00nm				
	e	02 21.00			
KDZ	144.46 312 iPKP	58 54.00	-1.0		
CLO	144.55 319 ePKP	58 55.00	-0.1		
EDU	144.71 354 ePKPc	58 53.30	-1.7		
ELO	144.86 354 ePKPc	58 53.70	-1.6		
EBH	145.06 354 iPKPc	58 54.50	-1.1		
EAB	145.19 355 iPKPc	58 54.80	-1.0		
ESY	145.29 353 iPKPc	58 55.20	-0.8		
EDP	145.35 354 ePKPc	58 55.30	-0.7		
BRG	145.41 334 iPKPc	58 56.80	0.4		
	1.1s 78.00nm				
	i	59 31.30			
	i	01 17.80			
EAU	145.45 354 ePKPc	58 56.10	-0.2		
CLL	145.46 335 iPKP	58 57.10	0.7		
	pPKP	59 33.30			
	eSKP	02 23.00			
EBL	145.48 353 iPKPc	58 56.00	-0.3		
VTS	145.49 315 ePKP	58 58.00	1.3		
SRO	145.51 326 i(PKP)	58 57.80	1.2		
	e	59 31.90			
PRU	145.82 332 PKP	58 58.40	1.3		
	e	59 35.60			
ZST	145.88 328 i(PKP)	58 59.70	2.5X		
EKA	145.93 353 PKPd	58 57.60	0.5		
	0.7s 14.80nm				
WIT	146.38 342 ePKP	59 01.00	3.2X		
VAY	146.49 313 ePKP	58 59.00	0.6		
MOX	146.53 335 iPKP	59 00.00	1.8		
	1.4s 26.00nm				
KHC	146.88 332 iPKP	59 01.00	2.1		
	1.0s 49.00nm				
	e	59 38.50			
SKO	146.94 315 iPKP	59 01.80	2.6X		
	i	59 38.50			
WTS	147.05 341 ePKPc	59 02.00	3.1X		
	0.6s 11.00nm				
WET	147.17 332 ePKP	59 02.40	3.1X		
GRF	147.44 335 ePKP	59 03.20	3.5X		
BNG	147.82 242 iPKPd	59 01.00	-0.4		
	0.5s 40.00nm				
	i	59 04.40			
DCN	148.21 357 ePKP	59 01.90	1.1		
DLE	148.23 357 ePKP	59 00.80	0.0		
	1.1s 100.00nm				
ENN	148.40 341 ePKPc	59 05.00	3.8X		
	0.6s 9.00nm				
KBA	148.49 329 iPKPc	59 05.30	3.6X		
	0.8s 15.20nm				
	i	59 07.60			
MEM	148.51 341 PKP	59 05.30	4.0X		
	e	59 42.90			
LJU	148.63 327 ePKP	59 05.20	3.5X		
	e	59 39.00			
VOY	148.96 327 ePKP	59 06.30	3.9X		
	e	59 43.00			
WLF	149.29 340 PKP	59 06.90	4.3X		
	e	59 45.00			
GWF	149.38 337 iPKPd	59 07.60	4.8X		
DOU	149.39 342 PKPc	59 07.20	4.5X		
	e	59 42.00			
CDF	149.98 337 ePKP	59 09.00	5.2X		
SLE	150.06 335 ePKPd	59 08.60	4.7X		
SAX	150.14 334 ePKPd	59 09.60	5.3X		
OSS	150.24 332 ePKPd	59 09.90	5.5X		
ZUL	150.33 335 ePKPd	59 10.40	6.1X		
LLS	150.58 334 ePKPd	59 10.50	5.6X		
BSF	150.65 337 ePKP	59 10.70	5.8X		
HAU	150.66 338 ePKP	59 10.50	5.7X		
MMK	151.66 334 ePKPd	59 13.50	6.9X		
DIX	151.87 334 ePKPd	59 13.90	6.9X		
FLN	151.89 347 ePKP	59 13.30	6.8X		
LOR	152.13 340 ePKP	59 14.00	7.0X		
GRR	152.32 347 ePKP	59 14.30	7.2X		
LBF	152.34 340 ePKP	59 14.70	7.4X		
SSF	152.42 340 ePKP	59 14.70	7.3X		
LPG	152.61 335 ePKP	59 15.80	7.7X		
SMF	152.69 340 ePKP	59 15.70	8.0X		
LPF	152.70 347 ePKP	59 15.20	7.5X		
AVF	152.71 340 ePKP	59 15.30	7.6X		
BGF	153.08 341 ePKP	59 15.90	7.6X		
TCF	153.51 341 ePKP	59 16.80	7.9X		

S.D. = 1.1 on 93 of 132 obs.

JUN 09, 1985 17h 17m 22.07± 0.25s
0.123 N ± 4.6km 124.625 E ± 5.6km
DEPTH = 95.2km (3 depth phases)
5.2mb (19 obs.)
MINAHASSA PENINSULA (265)

AAI	5.20	137	eP	18	36.10	-2.8
MKS	7.39	224	iPc	19	08.80	-0.3
CGP	8.28	0	eP	19	26.00	4.8X
KKM	10.25	305	ePd	19	50.60	2.5
	0.9s	66.80nm			5.6mb	
MAN	14.86	347	eP	20	53.20	4.6X
KNA	16.29	166	eP	21	06.00	-0.6
WEW	19.34	101	eP	21	42.00	-0.7
KGM	21.38	275	ePc	22	04.30	0.7
MBL	21.66	192	iPd	22	06.50	0.1
	0.4s	12.00nm			4.6mb	
WRA	22.10	155	Pd	22	09.40	-1.3
	0.3s	6.20nm			4.4mb	
WB2	22.10	155	iPc	22	09.40	-1.3
			eS	26	06.30	
LAT	23.32	107	eP	22	25.00	2.4
QIZ	23.74	323	P	22	28.60	2.0
IPM	23.99	281	iPd	22	30.10	1.0
	0.9s	58.90nm			5.0mb	
			e	23	14.00	
PJG	24.10	55	eP	22	31.80	1.6
GUA	24.11	56	eP	22	31.70	1.4
	0.6s	42.67nm			5.1mb	
NAU	24.22	201	eP	22	32.70	1.5
PPI	24.23	269	ePd	22	32.00	0.6
	0.9s	78.60nm			5.1mb	
SNG	24.95	287	eP	22	39.50	1.3
ASPA	25.31	160	eP	22	41.00	-0.5
			ePcP	26	13.00	
			eS	27	08.00	
GZH	25.32	335	eP	22	42.20	0.6
PSI	25.82	276	iPd	22	46.50	0.2
	1.3s	89.80nm			5.1mb	
WBN	26.18	176	eP	22	49.00	-0.5
	0.7s	20.00nm			4.8mb	
TSI	26.26	278	ePd	22	50.00	-0.3
MEK	27.22	192	eP	22	58.00	-1.0
LOE	28.33	308	eP	23	08.00	-1.1
CHG	31.31	308	iPc	23	36.00	0.4
	1.0s	54.50nm			5.2mb	
GYA	31.38	328	Pd	23	37.60	1.4
BAL	31.47	193	eP	23	36.00	-0.8
KMI	32.64	321	Pc	23	49.00	1.7
STK	35.65	155	iPc	24	13.10	0.3
			e	24	35.00	
CD2	36.47	329	P	24	20.30	0.6
TIA	36.58	350	P	24	19.60	-0.9
XAN	36.81	338	Pc	24	21.60	-1.0
ADE	37.31	161	eP	24	29.50	2.7X
MAT	38.37	18	eP	24	35.00	-0.6
	1.0s	33.00nm			5.2mb	
TIY	39.06	345	P	24	40.70	-0.7
BJI	40.47	350	eP	24	52.00	-0.8
SHL	40.48	311	iP	24	53.20	-0.2
LZH	40.66	334	eP	24	55.00	0.3
	1.5s	92.00nm			5.4mb	
YOU	40.82	149	eP	24	57.20	1.3
SNY	41.52	359	Pd	25	01.40	-0.1
CAN	41.96	150	iPc	25	06.80	1.6
			ipP	25	29.50	96km
WAM	42.59	151	iPc	25	12.00	1.7
			ipP	25	34.80	97km
LSA	43.38	316	Pd	25	17.90	0.5
CN2	43.49	1	Pc	25	16.20	-1.3
MDJ	44.52	5	iPc	25	26.50	0.7
GTA	45.21	333	iPd	25	31.80	0.3
			PcS	30	57.60	
PKI	46.47	309	eP	25	41.50	-0.4
	0.9s	52.00nm			5.4mb	
KKN	46.68	309	eP	25	43.10	-0.3
DMN	46.72	309	eP	25	43.70	-0.1
	1.0s	69.00nm			5.5mb	
HYB	48.47	293	eP	25	55.70	-1.6
	1.0s	40.00nm			5.3mb	
GBA	48.60	288	Pd	25	56.40	-1.9
	0.7s	25.50nm			5.2mb	
NDI	53.44	306	eP	26	32.00	-2.6
WMO	54.54	328	Pc	26	41.20	-1.4
MSZ	58.81	145	P	27	13.70	1.0
			pP	27	37.00	93km
KRP	60.18	135	P	27	22.00	-0.2
MHI	70.06	309	eP	28	25.00	-1.1
NAI	87.82	269	eP	30	07.00	4.1X
	1.0s	45.00nm			5.5mb	
SPA	90.12	180	e(P)	30	14.60	2.0
KEV	92.53	340	eP	30	23.00	-0.4
KJF	92.91	334	iP	30	24.20	-1.0
MTD	92.95	253	iPd	30	27.00	0.5
SOD	92.97	337	iP	30	24.70	-0.8
SUF	93.79	333	iP	30	28.40	-0.9
	0.4s	4.90nm			5.3mb	
INK	94.28	21	eP	30	30.00	-1.5
NUR	94.81	331	eP	30	30.00	-4.0X
	Z 19s	0.10um			4.3Msz	
KRI	94.83	253	iPd	30	35.00	-0.2
BUL	95.69	250	iPd	30	40.00	0.9
HFS	100.19	332	ePdiff	30	56.60	-1.8
	0.6s	2.30nm			5.0mb	
DAG	100.53	352	iPdiff	30	58.80	-0.8
	0.4s	6.78nm			5.6mb	
YKA	103.63	24	ePdiff	31	16.20	2.5X
RSSD	118.31	38	ePKP	36	01.20	0.8
	0.7s	4.67nm				
SCH	124.45	8	ePKP	36	12.50	1.0
MDZ	145.03	160	ePKP	36	51.90	1.4
TCA	147.75	165	ePKPd	36	59.80	4.8X
SLA	153.65	159	ePKPd	37	14.20	10.1X
YJA	155.97	156	e(PKP)	37	12.00	4.4X
SOB1	162.99	238	ePKP	37	17.70	2.7X
			e	38	06.70	

S.D. = 1.2 on 69 of 79 obs.

? JUN 09, 1985 17h 49m 28.64± 2.52s
15.666 N ±16.1km 92.084 W ±25.0km
DEPTH = 138.4 ± 30.0 km
4.1mb (7 obs.)
MEXICO-GUATEMALA BORDER REGION (62)

COM	0.59	356	iP	48	59.00	-50.6X
			iS	50	19.00	
PBJ	3.29	284	iP	50	19.00	-0.9
			iS	50	52.90	
VHO	4.73	290	iP	50	38.00	-1.3
			iS	51	25.00	
PIO	5.86	278	iP	50	52.50	-1.8
			iS	51	48.00	
TPM	7.44	297	iP	51	17.00	1.0
IIP	7.48	300	iP	51	19.50	2.8X
III	7.56	292	iP	51	18.00	0.3
TAC	7.73	300	iP	51	06.50	-13.6X
IIC	7.96	302	eP	51	24.00	0.8
OXM	8.10	298	iP	51	27.00	1.9
PIM	9.73	287	iP	51	46.90	0.5
JCT	16.36	336	eP	53	15.00	3.4X
	1.0s	21.00nm			4.4mb	
LTX	17.29	324	eP	53	24.30	1.1
	1.0s	4.20nm			3.7mb	
TUL	20.43	351	eP	53	56.50	-0.3
	0.9s	13.30nm			4.3mb	
RLO	20.59	353	eP	53	58.60	0.2
ALQ	23.13	329	eP	54	23.00	-0.6
	0.8s	2.99nm			3.8mb	
			e	54	55.50	
BMN	32.96	323	eP	55	53.00	0.7
	0.6s	0.56nm			3.5mb	
TPZ	43.44	147	Pc	57	36.10	16.1X
			e	58	17.00	
YJA	45.74	145	ePc	57	42.40	4.0X
YKC	49.35	347	eP	58	04.00	-1.5
	0.5s	7.00nm			4.7mb	
YKA	49.40	346	eP	58	05.00	-0.8
BAO	53.51	123	Pc	58	37.80	0.4
VAO	58.52	130	eP	59	13.90	0.9
EKA	76.67	36	P	01	05.00	-0.7
	0.8s	3.60nm			4.2mb	

S.D. = 1.1 on 18 of 24 obs.

JUN 09, 1985 18h 46m 31.10± 1.13s
33.242 S ± 5.5km 71.890 W ± 8.7km
DEPTH = 37.3 ± 9.3 km
5.0mb (22 obs.) 4.3Msz (1 obs)
NEAR COAST OF CENTRAL CHILE (135)
Felt (IV) at Son Antonio. Felt also at Volparaiso.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN

L.P.B.: 12S, 20C
Centroid Location:
Origin Time 18:46:32.9 0.6
Lat 33.76S 0.07 Lon 71.68W 0.09
Dep 35.5 5.0 Half-duration 1 7
Moment Tensor; Scale 10**23 D-CM
Mrr= 7.39 0.48 Mtt=-1.27 0.62
Mff=-6.12 0.83 Mrt= 2.26 0.94
Mrf=-4.98 1.17 Mtf= 1.64 0 51
Principal Axes:

	Val=	Plg=	Azm=
T	9.28	71	61
N	-0.80	3	161
P	-8.48	19	252

Best Double Couple:Mo=8.9*10**23
NP1:Strike=347 Dip=26 Slip= 97
NP2: 159 64 86

ROCH	0.79	70	iPd	46	46.40	0.4
LNV	0.82	151	iPc	46	44.70	-1.5
TACH	0.90	117	iPc	46	46.60	-0.7
PEL	1.02	85	iPd-	46	49.90	0.8
SAN	1.05	102	iPd	46	50.00	0.5
PCH	1.21	109	iP	46	52.70	0.8
FCH	1.34	94	iPc	46	55.00	1.0
MDZ	2.58	83	eP	47	17.00	5.6X
RTCB	3.15	57	ePd	47	24.80	5.3X
RTCV	3.15	65	e(P)	47	23.30	3.8X
			S	48	05.20	
RFA	3.23	119	ePc	47	22.10	1.5
			(S)	48	15.80	
RTLL	3.47	58	eP	47	25.80	1.8
CFA	3.49	63	ePc	47	28.60	4.2X
			S	48	21.80	
TCA	6.47	75	ePc	48	05.10	-1.3
CYA	7.09	49	e(P)	48	13.00	-2.2
VBA	9.39	124	ePc	48	45.40	-1.6
ANT	9.59	8	eP	48	42.00	-7.7X
			eS	50	54.00	
			e	51	46.00	
SLA	10.16	35	e(P)	48	54.00	-3.8X
			S	51	24.00	
LPA	11.69	102	ePd-	49	24.00	5.6X
	1.0s	480.00nm			6.6mb X	
			eS	52	37.00	
YJA	12.39	29	eP	49	27.80	-0.5
ARE	16.71	1	eP	50	25.00	0.6
CNCB	16.74	13	iP	50	24.50	-0.5
			S	53	57.00	
LPB	16.99	13	iPc	50	30.00	2.0
	1.0s	230.00nm			5.3mb	
	Z 17s	5.78um			4.7Msz	
			S	53	58.00	
			LR	55	38.00	
ZOBO	17.24	12	Pc	50	31.10	-0.2
	1.0s	92.50nm			4.9mb	
			LR	55	45.00	
ITB1	17.53	65	e(P)	50	35.50	1.2
NNA	21.64	347	eP	51	18.50	-1.8
VAO	24.18	71	eP	51	44.00	-1.1
			e	51	54.00	
BAO	27.83	57	Pd	52	17.60	-1.6
PSO	34.63	350	eP	53	21.50	2 1
SOB1	37.25	57	eP	53	39.60	-1.6
	1.1s	20.70nm			4.9mb	
			e	53	52.00	
			e	54	04.00	
			e	54	19.80	
BOG	37.71	356	eP	53	49.00	3.6X
ITR	39.32	59	eP	53	56.30	-2.2
	1.0s	70.30nm			5.4mb	
			e	54	06.80	
UAV	41.62	1	eP	54	18.60	1.0
SDV	41.91	2	eP	54	20.30	0.4
	0.9s	111.10nm			5.6mb	
CAR	43.76	7	eP	54	35.00	0.1
SJG	51.36	7	eP	55	31.00	-3.2X
SNA	52.23	156	eP	55	39.00	-1.2
SPA	56.93	180	eP	56	19.40	4.5X
	1.0s	15.00nm			5.0mb	
PRM	67.69	351	eP	57	25.00	-1.5
JCT	68.66	334	eP	57	32.00	-0.7
	1.0s	19.00nm			5.1mb	
LTX	69.13	331	eP	57	35.00	-0.8
	1.4s	6.05nm			4.4mb	
RSCP	69.67	348	eP	57	38.20	-0.6
	1.0s	60.00nm			5.6mb	
SIO	72.34	339	eP	57	53.60	-1.3

09d 18h

TUL	72.34	340	eP	57	53.90	-1.0
	0.8s	20.80nm			5.2mb	
	Z 20s	0.18um			4.3Msz	
		e		58	03.50	
RLO	72.36	341	eP	57	54.50	-0.5
		e		58	02.00	
FVM	72.93	345	eP	57	57.00	-1.3
	0.8s	9.85nm			4.8mb	
MAW	73.87	164	eP	58	03.00	-0.4
KIC	74.73	72	iP	58	08.90	-0.3
ALQ	75.18	331	eP	58	11.50	-0.1
	1.1s	12.97nm			4.8mb	
GLA	77.34	324	eP	58	23.00	-0.6
RSNY	77.46	358	eP	58	24.10	0.2
	0.7s	9.92nm			5.0mb	
MNT	78.39	359	iP	58	30.50	1.5
PLM	78.60	323	eP	58	32.00	1.3
GLD	78.91	334	eP	58	33.00	0.7
	0.9s	23.16nm			5.2mb	
GOL	78.92	334	eP	58	32.00	-0.5
	0.9s	3.79nm			4.4mb	
GSC	80.12	324	eP	58	40.00	1.2
SBB	80.14	323	eP	58	40.00	1.1
CLC	80.92	324	eP	58	44.00	1.0
SWZ	81.13	117	iPd	58	51.40	6.9X
ISA	81.24	323	eP	58	45.00	0.4
BFS	82.38	117	iPc	58	51.20	0.2
	1.1s	63.29nm			5.6mb	
RSSD	82.38	337	eP	58	52.70	2.1
	0.9s	7.98nm			4.8mb	
EUR	83.09	327	iP	58	54.50	0.1
	0.8s	3.10nm			4.4mb	
BDW	83.16	333	eP	58	54.80	0.1
	1.2s	6.67nm			4.6mb	
RSON	85 92	346	eP	59	09.40	1 3
	0.9s	11.34nm			5.1mb	
LRM	86.83	333	eP	59	12.20	-0.8
BUL	87.52	112	iPd	59	18.00	1.2
SCH	87.81	3	eP	59	17.00	-0.1
KRI	90 18	110	iPd	59	31.00	1.6
SES	90.19	336	eP	59	27.00	-1.5
NEW	90.66	332	eP	59	29.00	-1.8
MTD	91.75	111	iPd	59	38.00	1.4
BCAO	92.76	87	eP	59	41.80	0.6
	1 0s	10.75nm			5.2mb	
BNG	92.77	87	iPc	59	42.00	0.8
	0.8s	18.00nm			5.6mb	
EDM	93.34	336	eP	59	41.50	-1.5
YKA	101.38	341	ePdiff	00	19.60	0.4
WRA	121.48	209	PKP	05	23.00	0.4
	1.0s	2.40nm				
PPI	145.70	166	ePKPd	06	07.70	-0.1
GBA	145.93	118	PKPc	06	07.50	-0.6
	0.9s	46.70nm				
POO	146.05	107	iPKPd	06	10.50	2.2X
PSI	148.42	162	iPKPd	06	15.00	2.8X
	0.8s	36.30nm				
KGM	148.61	171	ePKPc	06	15.90	3.4X
HYB	149.13	113	ePKP	06	17.90	4.7X
	1.0s	50.00nm				
IPM	150.73	165	ePKPd	06	20.10	4.4X
NDI	153.17	91	ePKP	06	20.00	1.1
DMN	159.40	100	PKP	06	27.90	0.8
KKN	159.61	99	PKP	06	27.90	0.6
	1.1s	20.00nm				
PKI	159.64	100	PKP	06	27.90	0.4
	1.2s	21.00nm				
	S.D. = 1.1	on 72 of 88 obs.				

? JUN 09, 1985 19h 01m 20.69± 4.58s
33.360 S ±12.0km 71.892 W ±39.7km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.72	146	iPc	01	34 10	-0.2
			i(S)	01	40.20	
ROCH	0.83	63	iPd	01	35.30	-0.9
TACH	0.85	110	iPc	01	36.10	-0.1
SAN	1.03	95	iPd	01	39.10	0.2
			iS	01	54.00	
PEL	1.03	78	iPd	01	39.00	0.0
PCH	1.18	103	iPc	01	41.90	0 9
FCH	1.34	89	iPd	01	44.00	0.4
MDZ	2.60	80	eP	02	07.60	6.3X
			iS	02	42.30	
RTCV	3.20	63	eP	02	14.00	4.1X
			S	02	58.60	
RTCB	3.21	55	ePd	02	13.50	3.4X
			S	02	57.00	
RTLL	3.53	56	eP	02	15.60	0.9
			S	03	02.70	
CFA	3.55	61	ePd	02	15.80	1.0
			S	02	22.70	
TCA	6.50	74	ePc	02	54.40	-2.2
			S	04	12.00	
	S.D. = 1.1	on 10 of 13 obs.				

? JUN 09, 1985 19h 04m 46.63±12.75s
33.211 S ±29.2km 72.521 W ±99.3km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)
Felt (III) at San Antonio. Also felt at Valparaiso.

LNV	1.19	129	iPc	05	07.00	0.1
			iS	05	17.50	
ROCH	1.29	80	iPd	05	08.50	-0.2
			iS	05	20.50	
TACH	1.40	109	iP	05	10.00	0.0
			iS	05	21.90	
PEL	1.54	88	iPd	05	12.30	0.1
SAN	1.57	99	iP	05	12.50	-0.1
BACH	1.71	95	iP	05	14.60	0.0
CHCH	1.72	115	iPc	05	14.70	0.0
PCH	1.73	104	iPc	05	14.70	-0.2
FCH	1.87	94	iPd	05	17.50	0.3
			iS	05	36.50	
MDZ	3.10	85	eP	05	40.30	5.9X
			eS	06	17.10	
	S.D. = 0.2	on 9 of 10 obs.				

• JUN 09, 1985 19h 06m 48.35± 0.54s
26.331 S ±13.8km 71.910 E ±12.5km
DEPTH = 10.0km (geophysicist)
4.9mb (3 obs.) 4.1Msz (1 obs.)
MID-INDIAN RISE (429)

MEK	41.56	101	eP	14	38.00	0.0
MBL	43.97	94	eP	14	58.00	0.3
CHG	51.99	33	iPd	16	00.60	0.5
	1.0s	14.50nm			4.9mb	
CHTO	51.99	33	eP	16	00.10	0.0
	1.1s	16.49nm			4.9mb	
	Z 20s	0.19um			4.1Msz	
SHL	55.08	22	iP	16	22.60	-0.4
WRA	57.29	98	P	16	24.00	-15.0X
	0.3s	0.70nm				
WB2	57.30	98	eP	16	22.60	-16.4X
			i	16	37.90	
KMI	59.18	33	eP	16	47.00	-5.2X
BNG	60.00	293	ePd	16	56.80	-1.0
	1.0s	15.00nm			5.1mb	
MHI	63.39	349	eP	17	19.00	-1.2
SPA	63.82	180	e(P)	17	21.80	-1.2
WAM	64.98	120	eP	17	31.00	0.3
YOU	65.09	117	eP	17	31.50	0.0
CAN	65.30	119	eP	17	33.00	0.2
KIC	80.94	282	eP	19	07.30	2.4
MLR	82.81	329	eP	19	15.00	0.9
KRA	88.91	329	eP	19	43.10	-0.8
ZST	88.96	327	i(P)	19	44.70	0.5
YKA	143.58	5	ePKP	26	22.40	-2.0
YKC	143.61	5	ePKP	26	26.00	1.6
FFC	151.28	353	iPKPd	26	41.80	4.8X
	1.2s	14.00nm				
EDM	152.85	7	iPKP	26	46.50	7.1X
	S.D. = 1.1	on 17 of 22 obs.				

• JUN 09, 1985 19h 07m 57.24± 1.97s
24.547 N ±12.5km 122.427 E ±13.9km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC	0.53	277	iPd	08	07.30	-0.7
TWD	0.89	239	iPc	08	15.30	1.0
TWZ	0.95	306	iPd	08	15.80	0.5
			eS	08	27.50	
TATO	0.95	297	iPd	08	16.10	0.7
			eS	08	26.60	
ANP	1.04	308	iPd	08	17.60	0.6
	0.7s	1150.69nm				
			eS	08	31.40	
OZH	3.51	277	ePn	08	52.70	-0.2
			Sn	09	33.60	
SSE	6.61	351	Pc	09	35.20	-1.7
			e(Lg)	11	29.50	
NJ2	8.11	338	eP	10	02.00	4.2X
GZH	8.44	262	eP	10	01.00	-1.5
			eS	11	29.00	
GYA	14.36	281	eP	11	31.60	8.8X
CD2	17.69	295	eP	12	08.00	2.6X
CN2	19.37	7	Pc	12	27.00	1.1
	S.D. = 1.2	on 9 of 12 obs.				

• JUN 09, 1985 19h 20m 18.61± 2.57s
33.396 S ±12.2km 72.273 W ±22.0km
DEPTH = 27.1 ± 6.9 km
3.9mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.91	128	iPc	20	36.20	0.7
			iS	20	47.00	
ROCH	1.14	69	iPd	20	37.50	-1.5
TACH	1.14	103	iPc	20	38.40	-0.5
SAN	1.35	93	iPd	20	41.30	-0.5
PEL	1.35	80	iPd	20	41.50	-0.4
CHCH	1.45	112	iPc	20	43.90	0.6
PCH	1.49	99	iP	20	44.00	0.1
BACH	1.49	89	iPd	20	43.40	-0.5
FCH	1.66	88	iPd	20	46.00	-0.6
MDZ	2.92	81	eP	21	08.70	4.4X
			iS	21	43.40	
RTCB	3.50	58	ePd	21	15.50	2.8X
			S	21	58.80	
RTCV	3.50	65	ePd	21	14.50	1.8
			S	21	57.40	
RTLL	3.82	58	ePd	21	19.00	1.9
			S	22	09.50	
CFA	3.85	63	ePd	21	18.00	0.5
			S	22	11.60	
TCA	6.82	75	ePc	21	58.50	-1.0
			S	23	16.80	
SLA	10.47	36	eP	22	57.20	7.0X
CNCB	16.96	14	eP	24	17.00	0.8
ZOBO	17.46	13	eP	24	21.00	-1.5
	1.5s	15.05nm			3.9mb	
	S.D. = 1.2	on 15 of 18 obs.				

JUN 09, 1985 21h 22m 06.71± 0.84s
37.899 N ± 7.8km 29.155 E ± 8.4km
DEPTH = 10.0km (geophysicist)
3.6mb (1 obs.)
TURKEY (366)

YER	1.03	223	iPn	22	26.90	0.7
BCK	1.22	111	iPn	22	29.30	-0.1
IZM	1.57	289	iPn	22	34.90	0.1
DST	1.75	347	iPn	22	37.10	-0.3
KCT	2.43	345	ePn	22	47.00	-0.1
GPA	2.55	20	ePn	22	49.40	0.6
EDC	2.64	338	ePn	22	50.00	-0.1
KGT	2.93	331	iPn	22	53.50	-0.6
EZN	2.93	312	ePn	22	52.00	-2.1
ISK	3.16	359	ePn	23	05.00	7.6X
MFT	3.23	334	ePn	22	59.00	0.5
CTT	3.29	350	ePn	23	07.00	7.7X
KDZ	4.75	323	iP	23	09.00	-11.0X
JMB	4.97	337	eP	23	25.00	1.9
MMB	5.57	313	eP	23	32.00	0.3
PVL	6.06	331	iPd	23	40.00	1.6
NB2	25.75	340	P	27	36.60	-2.3
	0.7s	1.00nm			3.6mb	
	S.D. = 1.3	on 14 of 17 obs.				

JUN 09, 1985 22h 34m 57.42± 1.27s
52.311 N ±10.0km 170.609 W ± 6.0km
DEPTH = 78.8 ± 11.2 km
4.5mb (14 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK	3.77	266	iP	35	53.90	-0.4
TTA	13.17	30	e(P)	38	02.90	0.5
PMR	14.88	43	e(P)	38	34.50	9.9X
IMA	16.20	25	e(P)	38	42.40	1.0
FBA	17.19	34	P	39	01.70	8.2X
INK	23.82	34	eP	40	03.00	-0.4
YKA	30.85	49	eP	41	08.20	0.5
MBO	30.87	21	eP	41	08.00	0.4
PNT	31.82	75	eP	41	16.00	-0.3
	0.6s	4.00nm			4.4mb	
NEW	33.76	75	eP	41	33.00	-0.2

EDM 33.86 65 iPc 41 34.10 0.1
MAT 38.93 267 (P) 42 17.00 0.1
0.7s 10.27nm 4.9mb
(S) 48 45.00
EUR 39.21 87 iP 42 20.20 0.7
0.1s 8.08nm 5.6mb X
BDW 41.15 78 eP 42 35.00 -0.4
1 0s 7.40nm 4.5mb
ALO 47 94 85 eP 43 30.00 0.2
1.2s 5.86nm 4.4mb
FRB 49.46 35 eP 43 40.00 -0.9
DAG 49.95 8 iPd 43 42.60 -1.8
0.5s 9.15nm 5.1mb
LTX 53.51 88 eP 44 11.90 0.0
1.3s 3.40nm 4.2mb
JCT 55.07 84 eP 44 22.10 -1.1
1.0s 5.50nm 4.5mb
KEV 57.57 353 eP 44 41.00 0.5
SOD 59.94 352 iP 44 55.70 -1.2
KJF 62.96 351 iP 45 16.10 -1.1
0.6s 9.10nm 5.0mb
NUR 66.87 352 iP 45 42.00 -0.4
0.5s 2.40nm 4.4mb
NB2 66.99 359 P 45 40.80 -2.5
0.5s 2.90nm 4.5mb
HFS 67.86 358 eP 45 47.30 -1.3
0.5s 11.30nm 5.1mb
Z 31s 0.36um 4.4MszX
LR 08 47.00
KMI 68.54 284 eP 45 54.50 0.8
KKN 76.50 298 eP 46 41.30 0.8
KHC 78.87 357 Pc 46 54.10 1.1
BSF 80.21 2 eP 47 00.70 0.4
LOR 80.69 4 eP 47 03.30 0.6
SSF 80.88 4 eP 47 04.30 0.6
0.5s 2.40nm 4.4mb
KBA 80.93 357 i(P) 47 05.50 1.3
0.7s 8.10nm 4.7mb
i 47 44.80
LBF 80.98 4 eP 47 05.00 0.7
AVF 81.14 4 eP 47 05.70 0.6
SMF 81.31 4 eP 47 06.50 0.5
0.6s 3.60nm 4.5mb
LSF 81.59 6 eP 47 08.30 0.9
BUL 144.58 328 iPKPc 54 25.90 -0.4
S.D. = 0.9 on 35 of 37 obs.

JUN 09, 1985 23h 01m 33.35± 1.15s
46.048 N ±11.5km 13.420 E ± 6.8km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 3.2 (KBA), 3.1 (LDG). Felt (IV) in the Volce-Tolmin orea, Yugoslavia.

LJU 0.78 90 iPgc 01 46.80 -1.7
iSg 01 57.20
KBA 1.03 357 iPgc 01 52.20 -0.8
i 01 52.80
i 01 54.50
iSg 02 05.90
KMR 2 07 13 ePg 02 11.00 2.5
eSg 02 38.00
OSS 2 36 287 eP 02 15.60 2.7X
FIR 2.74 215 e(Pn) 02 54.00 35.9X
VKA 2 97 41 e(Pn) 02 24.00 2.6
iPg 02 30.10
iSg 03 09.90
SAX 3 05 295 eP 02 25.00 2.2
KHC 3.09 2 Pn 02 22.30 -0.7
e 02 34.90
e 02 56.50
Sg 03 10.00
LLS 3.17 287 eP 02 26.70 2.4
ZST 3.31 48 i(Pn) 02 33.50 7.3X
i 03 10.00
i(Sn) 03 18.90
ZUL 3.74 294 eP 02 33.60 1.2
SLE 3.79 299 eP 02 33.30 0.2
GRF 3.93 339 ePn 02 34.40 -0.7
ePg 02 49.00
e(Sg) 03 39.00
PRU 4.01 10 ePn 02 40.00 3.8X
Pg 02 47.50
eSn 03 19.50
Sg 03 41.00
HOF 4.39 347 eP 02 40.60 -1.0

BUH 4.40 309 ePn 02 41.60 -0.1
LPG 4.70 266 Pn 02 47.60 1.4
Sn 03 43.00
MDX 4.76 346 ePn 02 45.50 -1.3
iSg 04 05.00
CDF 4.81 302 Pn 02 46.90 -0.7
BRG 4.84 4 e(P) 02 58.00 10.0X
i 03 53.50
i 04 05.00
BSF 4.88 294 Pn 02 48.10 -0 5
Sn 03 45.30
GWF 4.90 309 ePn 02 48.30 -0.5
HAU 5.22 295 Pn 02 52.60 -0.7
Sn 03 51.70
CLL 5.27 357 e(Pg) 03 18.00 24.0X
eSg 04 21.00
LBF 6.58 282 Pn 03 11.70 -0.9
SMF 6.66 279 Pn 03 13.30 -0.3
LOR 6.69 284 Pn 03 12.80 -1.3
AVF 7.00 280 Pn 03 17.20 -1.2
S.D. = 1.4 on 22 of 28 obs.

* JUN 10, 1985 00h 16m 15.22± 0.92s
42.451 N ±11.2km 142.537 E ±14.9km
DEPTH = 33.0km (normal)
4.5mb (4 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (II JMA) at Urakawa.

URA 0.34 148 Pc 16 23.50 0.0
iS 16 29.10
HAK 1.47 245 eP 16 40.00 0.4
S 16 57.20
MAT 6.78 211 eP 17 55.00 0.0
KKN 48.20 272 eP 24 54.80 0.0
0.8s 19.00nm 5.2mb
PKI 48.22 271 eP 24 54.40 -0.7
KJF 62.05 333 eP 26 40.00 5.7X
SUF 63.56 333 iP 26 45.70 1.4
0.4s 1.20nm 4.4mb
NUR 65.60 331 eP 26 55.00 -2.5
HFS 69.52 335 eP 27 23.70 1.6
0.5s 3.10nm 4.6mb
NB2 69.54 337 P 27 22.20 -0.1
0.8s 2.70nm 4.4mb
S.D. = 1.4 on 9 of 10 obs.

* JUN 10, 1985 00h 32m 46.30± 0.96s
21.627 S ± 7.7km 69.142 W ±20.6km
DEPTH = 164.0 ± 18.0 km
4.6mb (2 obs.)
NORTHERN CHILE (123)

ANT 2.38 209 eP 33 27.00 -0.1
iS 33 54.70
SLA 4.56 133 ePd 33 55.40 0.3
CNCB 4.92 13 P 33 59.00 -1.2
i 34 20.00
LPB 5.16 11 P 34 04.00 0.7
i 34 21.00
ZOBO 5.42 10 P 34 07.20 0.4
0.3s 27.20nm 4.9mb
ITB1 13.90 105 Pd 36 01.70 4.2X
VAO 20.56 98 eP 37 13.00 -0.8
i 37 14.10
BAO 20.90 77 e(P) 37 17.10 -0.2
SOB1 29.83 70 eP 38 41.10 0.8
0.4s 2.00nm 4.2mb
YKA 91.23 341 eP 45 41.70 8.2X
S.D. = 0.9 on 8 of 10 obs.

& JUN 10, 1985 00h 57m 03.30s
37.542 N 121.828 W
DEPTH = 5.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.2 (BRK).
Mo=2.6*10**21 (BRK). Felt (III) at Fremont ond (II) at Sunol.

MHC 0.25 143 iPc 57 08.40 0.0
ARN 0.30 129 iP 57 09.40 0.0
PCC 0.44 265 iPd 57 11.90 -0.3
BKS 0.46 316 iPc 57 12.85 0.2
iS 57 20.00
BRK 0.48 314 iPc 57 12.80 0.0
ZSP 0.53 320 iPc 57 14.20 0.4
iS 57 22.20

GCC 0.53 195 iPd 57 13.60 -0.3
SLD 0.67 134 eP 57 16.00 -0.8
LLA 1.16 142 eP 57 23.90 -1.6
JAS1 1.18 71 iPd 57 24.50 -1.3
NWRM 1.24 318 eP 57 25.30 -1.5
ORV 2.03 7 P 57 37.00 -1.5
WCN 2.40 42 eP 57 44.20 0.1
MNA 3.03 72 iPc 57 44.70 -8.3
EUR 4.99 65 iP 58 36.00 15.2
0.2s 2.23nm
15 obs. associated

& JUN 10, 1985 00h 58m 01.50s
34.210 N 116.820 W
DEPTH = 11.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.3 (PAS).

SDW 0.45 332 iP 58 10.00 -0.8
TPC 0.65 99 iPd 58 13.60 -0.8
SBB 0.96 300 iPc 58 19.10 -0.6
MWC 1.03 271 iPc 58 20.30 -0.6
SLBC 1.26 197 eP 58 24.20 -0.6
eS 58 41.80
CBX 1.90 176 iPc 58 33.90 -0.1
S 58 59.90
6 obs. associated

% JUN 10, 1985 02h 13m 55.51± 0.91s
33.032 S ± 7.5km 68.628 W ± 9.8km
DEPTH = 5.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

MDZ 0.24 309 eP 14 01.30 0.9
iS 14 06.50
RTCV 1.17 4 iPc 14 17.30 -0.6
S 14 33.60
CFA 1.46 13 ePc 14 23.00 0.4
S 14 43.20
RTCB 1.55 355 ePd 14 22.80 -1.1
S 14 43.00
RTLL 1.70 5 iPc 14 25.80 -0.3
S 14 49.50
RFA 1.74 176 ePc 14 26.20 -0.4
S 14 53.80
TCA 3.82 65 ePc 14 57.30 1.0
S 16 04.80
S.D. = 1.0 on 7 of 7 obs.

JUN 10, 1985 02h 14m 51.39± 0 46s
1.335 N ± 6.7km 126.362 E ± 9.1km
DEPTH = 33.0km (normal)
5.0mb (4 obs.)
MOLUCCA PASSAGE (266)

MKS 9.47 227 iPd 17 09.60 0.9
MTN 14.86 162 eP 18 20.00 -1.0
KNA 17.14 172 eP 18 51.00 0.9
WRA 22.55 160 Pc 19 49.20 -0.9
0.5s 54.50nm 5.3mb
WB2 22.55 160 eP 19 49.30 -0.8
eS 23 50.00
KGM 23.04 272 ePd 19 56.00 1.0
IPM 25.50 278 ePd 20 20.80 2.1
ASPA 25.91 164 eP 20 31.00 8.6X
eS 24 58.00
NAU 25.99 203 eP 20 23.00 -0.1
WBN 27.31 180 eP 26 36.00 0.8
PSI 27.45 273 ePd 26 35.70 -0.9
CTA 28.87 139 iPd 20 49.90 0.5
1.1s 14.56nm 4.6mb
GYA 31.35 324 P 21 11.60 0.2
MRWA 31.96 197 eP 21 15.50 -1.1
BAL 33.07 195 iPd 21 25.90 -0.4
KLB 33.75 193 iPd 21 31.70 -0.5
MUN 34.50 195 iPd 21 38.00 -0.6
NWAO 35.15 193 eP 21 44.00 -0.2
STK 36.05 158 eP 21 51.00 -0.8
CD2 36.38 326 P 21 53.80 -0 9
XAN 36.40 335 eP 21 53.70 -1 1
SNY 40.39 357 eP 22 29.90 -1 0
YOU 41.02 152 eP 22 33.50 0 2
CAN 42.16 152 iPc 22 44.20 1 6
CN2 42.29 359 Pc 22 47.60 4 1?
WAM 42.83 153 iPc 22 49.90 1 9
GBA 49.90 287 Pc 23 42.60 -1 6
0.7s 16.40nm 5.2mb

10d 02h

WMO 54.48 326 P 24 17.20 -1.0
KPP 59.82 136 P 24 55.00 -1.0
SOD 92.53 338 eP 28 04.00 3.7X
KJF 92.58 334 eP 28 05.00 4.5X
SUF 93.50 333 eP 28 08.00 3.2X
0.5s 2.00nm 4.8mb
JCT 125.88 50 ePKP 33 52.00 -0.3
1.0s 6.00nm
MOZ 145 51 157 ePKP 34 29.70 1.2
S.D. = 1.1 on 29 of 34 obs.

% JUN 10, 1985 03h 03m 02.30± 0.80s
40.633 N ± 6.5km 29.196 E ± 6.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ISK 0.44 347 iPg 03 11.30 -0.1
iSg 03 17.30
KCT 0.75 239 iPg 03 15.80 -1.1
iSg 03 30.30
CTT 0.78 312 iPg 03 16.80 -0.6
iSg 03 26.30
GPA 0 92 112 iPn 03 19.80 0.0
EDC 1.06 255 iPn 03 21.40 -0.8
DST 1.11 203 iPn 03 23.10 -0.1
KGT 1.45 263 iPn 03 29.30 0.7
MFT 1.46 277 ePn 03 29.30 0.5
EZN 2 34 251 ePn 03 43.00 1.6
IZM 2.69 214 ePn 03 52.40 6.0X
S.D. = 1.0 on 9 of 10 obs.

JUN 10, 1985 03h 23m 31.71± 0.88s
3.029 N ± 3.1km 78.578 W ± 3.7km
DEPTH = 17.7 ± 6.3 km
5.6mb (72 obs.) 4.7Msz (6 obs.)
SOUTH OF PANAMA (83)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 24C
Centroid Location:
Origin Time 03:23:38.8 0.7
Lat 3.24N 0.07 Lon 78.99W 0.09
Dep 26.0 5.2 Half-duration 2.1
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.23 0.07 Mtt= 0.17 0.09
Mff=-1.40 0.13 Mrt= 0.27 0.19
Mrf=-2.10 0.44 Mtf=-0.37 0.08
Principal Axes:
T Val= 2.47 Plg=59 Azm= 70
N 0.11 11 179
P -2.58 29 275
Best Double Cauple:Mo=2.5*10**24
NP1:Strike= 32 Dip=19 Slip= 125
NP2: 176 74 79

PSO 2.21 146 iP 24 09.00 0.5
OUR 3.18 179 P 24 21.50 -0.8
eS 24 55.00
BOG 4.77 70 iP 24 46.00 1.1
iS 26 09.00
FUQ 5.40 63 eP 24 56.00 2.3
UPA 5.99 351 eP- 25 02.00 0.3
1.0s 50.00nm 5.2mb
i 25 13.00
S 25 56.00
BMG 6.79 54 iP 25 18.00 4.8X
UAV 9.24 53 eP 25 46.60 -0.7
SDV 9.81 53 e(P) 25 52.00 -3.2X
LGN 10 13 45 eP 26 15.50 16.1X
TOV 11.01 52 eP 26 11.00 -0.5
GIE 12.30 252 P 26 26.80 -2.1
S 28 55.00
CAR 13.74 57 iPc 26 46.50 -1.7
0.7s 60.27nm 5.6mb
NNA 15.02 173 eP 27 07.50 2.6
TRN 18.65 65 iP 27 49.90 -0.8
1.1s 634.30nm 5.7mb
COM 18.72 315 iPc 27 53.00 1.2
SJG 19.31 38 iP 27 58.00 -1.0
ARE 20.59 160 iP 28 12.00 -1.0
PBJ 21.24 310 iPc 28 19.00 -0.3
ZOBO 21.78 152 iPd 28 23.70 -1.6
0.7s 88.87nm 5.3mb
LR 36 00.00
LPB 22.02 152 iPc 28 26.40 -1.2
1.2s 187.50nm 5.4mb
LR 35 55.00

CNCB 22.32 152 iP 28 29.80 -0.9
VHO 22.74 310 iPc 28 34.00 -0.4
III 25.52 308 iPc 29 03.00 1.7
TPM 25.55 310 iPc 29 04.00 2.4
IIP 25.66 311 eP 29 10.00 7.3X
TAC 25.90 310 iP 29 08.00 3.1X
IIC 26.16 311 ePc 29 09.50 2.1
TPZ 26.19 159 iPc 29 18.70 11.0X
OXM 26.21 310 iP 29 10.00 2.1
ANT 27.74 164 eP 29 21.00 -0.3
YJA 28.12 154 eP 29 25.80 0.4
SLA 30.38 156 eP 29 45.00 -0.3
PRM 31.10 354 P 29 51.00 -0.3
JCT 33.89 326 eP 30 15.00 -0.8
1.1s 28.48nm 5.1mb
Z 20s 1.42um 4.7Msz
BLA 34.06 357 P 30 18.00 0.8
1.0s 70.00nm 5.5mb
BHO 34.69 336 eP 30 21.50 -1.1
LTX 35.38 320 P 30 30.00 1.3
Z 20s 1.22um 4.7Msz
BAO 35.49 122 iPc 30 27.30 -2.5
RLO 36.31 337 eP 30 35.60 -0.7
TUL 36.39 336 eP 30 36.50 -0.5
1.3s 78.50nm 5.4mb
Z 18s 1.11um 4.7Msz
N 20s 0.30um
E 18s 0.37um
iS 36 15.00
FVM 36.44 344 P 30 36.10 -1.3
1.0s 60.00nm 5.4mb
SIO 36.46 335 e(P) 30 37.00 -0.6
ROCH 36.51 169 iPc 30 38.50 0.1
TCA 36.68 160 ePd 30 38.60 -1.0
PEL 36.74 169 iPc 30 40.30 0.2
MDZ 36.88 166 eP 30 41.90 0.6
BACH 36.98 169 iPc 30 42.50 0.4
FCH 37.00 168 iP 30 43.50 1.0
SAN 37.05 169 eP 30 43.00 0.4
TACH 37.19 169 iP 30 44.00 0.2
LNV 37.40 170 eP 30 45.00 -0.5
RFA 38.78 167 ePc 30 57.50 0.3
SOB1 39.47 108 eP 31 01.90 -1.3
1.3s 42.80nm 5.0mb
e 31 10.30
VAO 40.25 132 eP 31 05.70 -3.8X
ALQ 40.97 324 eP 31 15.50 0.1
1.0s 29.50nm 5.0mb
RSNY 41.50 4 P 31 20.30 0.9
1.0s 40.00nm 5.1mb
ITR 41.71 107 eP 31 24.10 2.5
1.3s 75.00nm 5.3mb
e 31 27.40
OTT 42.27 3 eP 31 26.00 0.3
MNT 42.52 5 iPd 31 28.80 1.0
1.3s 104.00nm 5.4mb
VBA 43.67 161 ePc 31 35.60 -1.7
GLD 43.82 330 P 31 40.00 1.4
1.1s 96.43nm 5.5mb
GOL 43.85 330 P 31 40.00 1.0
1.0s 15.00nm 4.8mb
BAR 46.29 314 eP 32 05.00 6.7X
TPC 46.61 316 eP 32 01.00 0.1
RSSD 46.70 335 eP 32 01.30 -0.3
PLM 46.78 315 eP 32 03.00 0.6
GSC 47.79 317 eP 32 10.00 -0.2
MWC 48.08 315 eP 32 13.00 0.3
SBB 48.16 316 eP 32 12.00 -1.1
BDW 48.25 329 P 32 14.30 0.4
1.0s 26.00nm 5.2mb
CLC 48.61 317 eP 32 16.00 -0.6
ISA 49.13 316 eP 32 22.00 1.4
RSON 49.34 347 P 32 19.30 -2.5
EUR 49.67 322 iP 32 25.00 0.2
1.2s 7.27nm 4.6mb
BMN 51.00 322 P 32 35.00 0.1
LRM 51.88 330 eP 32 40.20 -1.4
SCH 52.51 9 eP 32 44.60 -1.3
BKS 52.86 317 e(P) 32 47.00 -1.8
Z 20s 0.90um 4.8Msz
N 20s 1.10um
E 20s 1.40um
eS 40 18.00
e 44 00.00
eLR 50 57.00
SES 54.58 335 eP 33 02.00 0.7
FFC 54.94 344 iPd 33 01.80 -2.0

1.1s 15.00nm 4.9mb
NEW 55.88 330 eP 33 12.00 1.3
COR 57.06 323 eP 33 28.00 8.8X
EDM 57.64 336 iPd 33 21.20 -2.0
PNT 57.82 329 eP 33 25.00 0.5
FRB 61.03 5 eP 33 43.00 -3.3X
YKC 65.02 343 eP 34 10.00 -2.8
0.9s 23.00nm 5.3mb
YKA 65.07 342 eP 34 11.50 -1.6
GDH 68.19 9 eP 34 34.00 1.2
eS 43 30.00
AVE 72.62 56 iP 35 01.00 0.6
i 35 18.00
KIC 73.62 84 iP 35 05.00 -1.5
INK 74.80 342 eP 35 12.00 -0.4
AKU 75.43 22 iPc 35 16.70 0.7
1.6s 120.00nm 5.7mb
MAL 75.51 53 iPc 35 17.60 0.5
iS 45 09.00
CRT 76.22 53 iP 35 22.00 0.8
DCN 76.47 36 iPc 35 21.60 -0.5
DLE 76.88 36 eP 35 24.30 -0.1
0.8s 28.00nm 5.4mb
TAF 76.92 55 iP 35 26.00 0.8
TOA 76.98 333 eP 35 24.60 -0.3
1.0s 20.00nm 5.1mb
LGR 77.69 47 iPd 35 29.50 0.3
PMR 78.17 333 e(P) 35 31.00 -0.3
FBA 78.54 336 eP 35 32.60 -0.8
EAB 78.75 33 ePc 35 32.50 -2.1
ELO 79.14 33 iPc 35 36.10 -0.7
1.5s 103.00nm 5.6mb
EAU 79.17 34 ePc 35 36.00 -1.0
EBH 79.21 33 iPc 35 36.50 -0.7
1.5s 103.00nm 5.6mb
EKA 79.24 34 Pd 35 37.30 0.0
1.5s 109.60nm 5.7mb
LPF 79.42 42 eP 35 38.00 -0.5
1.2s 66.10nm 5.5mb
EDU 79.54 33 iPc 35 38.50 -0.4
GRR 79.59 41 iPc 35 39.20 -0.2
1.2s 80.10nm 5.6mb
ESY 79.65 34 ePc 35 38.70 -0.8
1.4s 100.00nm 5.6mb
ALE 79.73 2 ePc 35 38.20 -1.3
1.4s 40.00nm 5.2mb
EBR 79.75 49 eP 35 40.00 -0.4
e 45 42.00
EPF 79.84 47 iPc 35 41.20 0.3
1.2s 74.30nm 5.6mb
MFF 79.86 43 iPc 35 40.90 0.0
1.2s 83.30nm 5.6mb
FLN 79.88 41 iPc 35 40.80 -0.2
1.2s 101.10nm 5.7mb
LDF 80.10 41 iPc 35 41.80 -0.3
1.2s 101.10nm 5.7mb
LFF 80.30 45 iPc 35 43.20 -0.1
1.1s 49.70nm 5.4mb
DAG 80.40 12 iPd 35 41.40 -1.8
0.5s 4.93nm 4.8mb
LPO 80.60 45 iPc 35 44.60 -0.3
1.1s 63.40nm 5.5mb
RJF 80.88 45 iPc 35 46.00 -0.4
1.1s 43.90nm 5.4mb
LSF 80.98 44 iPc 35 46.00 -0.9
1.6s 126.60nm 5.7mb
SVW 81.11 331 e(P) 35 45.70 -1.6
IMA 81.22 336 eP 35 47.20 -0.7
CAF 81.24 45 iPc 35 47.90 -0.4
1.2s 71.40nm 5.6mb
TCF 81.45 44 iPc 35 48.60 -0.8
1.0s 27.70nm 5.3mb
TTA 81.60 333 eP 35 48.80 -1.1
MZF 81.70 44 iPc 35 50.40 -0.3
1.1s 49.70nm 5.5mb
BGF 81.91 44 iPc 35 51.40 -0.3
1.2s 80.10nm 5.7mb
GRC 82.12 43 iPc 35 52.60 -0.1
i 36 05.90
AVF 82.27 43 iPc 35 53.00 -0.6
1.2s 58.80nm 5.5mb
SSF 82.40 43 iPc 35 53.60 -0.6
1.2s 53.50nm 5.5mb
SMF 82.60 44 iPc 35 54.80 -0.5
1.2s 68.40nm 5.6mb
LOR 82.65 43 iPc 35 54.80 -0.8
1.2s 59.50nm 5.6mb

LBF 82.71 43 iPc 35 55.00 -0.9
1.2s 27.50nm 5.3mb
UCC 83.20 39 P+ 35 58.00 -0.2
DOU 83.30 40 Pc 35 57.50 -1.3
1.0s 37.50nm 5.5mb
Z 16s 0.40um 4.9MszX
S 46 19.00
ScS 46 32.00
CDR 83.83 47 iPc 36 01.70 0.0
i 36 14.10
ENN 84.19 39 iPc 36 03.30 0.0
1.2s 80.00nm 5.8mb
MEM 84.23 40 Pc 36 03.60 0.1
LRG 84.25 47 iPc 36 04.20 0.4
1.2s 61.90nm 5.7mb
WLF 84.29 41 P 36 03.80 0.0
LMR 84.36 47 iPc 36 04.60 0.3
1.2s 66.10nm 5.7mb
HAU 84.36 42 eP 36 04.00 -0.3
FRF 84.46 47 iPc 36 05.10 0.3
1.2s 77.10nm 5.8mb
LPG 84.58 45 iPc 36 06.60 0.8
1.2s 46.80nm 5.6mb
BSF 84.66 42 eP 36 05.60 -0.3
1.2s 60.60nm 5.7mb
EMS 84.71 44 eP+ 36 07.10 0.8
WIT 84.72 37 eP 36 07.00 1.1
WTS 84.78 38 iPc 36 06.60 0.4
1.2s 116.00nm 6.0mb
CDF 84.99 42 eP 36 07.60 0.1
1.2s 47.60nm 5.6mb
DIX 85.05 44 eP+ 36 08.80 0.7
MMK 85.43 44 eP+ 36 10.90 0.9
BUH 85.63 42 eP 36 10.60 0.0
ZUL 85.73 43 eP+ 36 11.70 0.5
TNS 85.79 40 ePc 36 11.90 0.5
SLE 85.80 42 eP+ 36 11.90 0.4
LLS 86.15 43 eP+ 36 14.10 0.6
MUD 86.25 34 iPd 36 15.20 1.8
1.4s 139.00nm 6.0mb
SAX 86.38 43 eP+ 36 15.20 0.5
VDL 86.48 44 eP+ 36 15.50 0.4
OSS 86.94 44 eP+ 36 17.70 0.4
NB2 87.27 29 P 36 16.40 -2.0
1.4s 61 00nm 5.7mb
GRF 87.58 41 iPc 36 21.00 0.9
1.4s 113.00nm 6.0mb
Z 21s 0.40um 4.8Msz
MOX 87.80 40 eP 36 21.50 0.4
1.7s 103.00nm 5.9mb
e 36 33.00
HOF 87.98 40 eP 36 22.40 0.4
1.5s 61.00nm 5.7mb
COP 88.09 35 iPc 36 25.00 2.7
0.7s 60.27nm 6.0mb
eSKS 47 05.00
SNA 88.22 161 eP 36 22.80 0.1
HFS 88.53 30 eP 36 23.30 -1.1
1.3s 25.40nm 5.4mb
Z 17s 0.47um 5.0MszX
LR 08 47.00
CLL 88.65 39 iPc 36 25.50 0.4
1.8s 125.00nm 5.9mb
epP 36 35.00 30kmX
WET 88.69 41 eP 36 26.80 1.4
1.2s 113.00nm 6.1mb
KBA 89.12 43 iPc 36 27.90 0.2
1.7s 117.50nm 5.9mb
i 36 38.20
KHC 89.15 41 iPc 36 28.20 0.6
1.5s 107.00nm 5.9mb
e 36 39.40
e 37 15.50
e 39 57.50
BRG 89.27 39 iPc 36 28.80 0.7
1.6s 85.00nm 5.8mb
i 36 39.50
TRI 89.49 44 eP 36 29.60 0.3
e 47 21.00
VOY 89.56 44 ePc 36 28.00 -1.7
e 36 30.00
e 36 38.00
KMR 89.58 42 iP+ 36 30.40 0.7
PRU 89.71 40 Pc 36 31.00 0.8
1.7s 58.70nm 5.6mb
Z 16s 0.60um 5.1MszX
E 16s 0.50um

LJU 90.01 44 ePc 36 32.20 0.5
KSP 90.75 39 ePc 36 35.50 0.5
SOP 91.24 42 e(P)c 36 37.00 -0.3
ZST 91.55 42 iP 36 39.90 1.2
e 36 50.60
e 39 37.70
SRO 92.41 42 iP 36 42.80 0.1
SPA 93.01 180 eP 36 46.20 0.9
1.2s 13.38nm 5.2mb
KRA 93.17 40 eP 36 46.80 0.7
SPC 93.49 41 eP 36 50.00 2.1
e 40 37.00
JOS 93.79 41 eP 36 50.70 1.7
1.5s 66.70nm 5.8mb
OHR 95.08 48 eP 36 56.20 1.0
SKO 95.43 48 iP 36 57.70 1.0
i 37 04.40
GZR 95.81 44 ePd 37 00.00 1.5
BCAO 96.85 85 eP 37 02.80 -0.9
MLR 97.98 43 eP 37 10.00 1.6
MHI 124.70 41 ePKP 42 33.00 0.5
e 43 51.00
WMQ 131.76 13 PKP 42 44.00 -1.8
LZH 141.02 357 ePKP 43 00.50 -3.0
LZH 141.02 357 ePKP 43 05.00 1.5
XAN 142.46 350 ePKP 43 08.50 2.6
WB2 143.74 240 ePKP 43 03.70 -4.7X
WRA 143.75 240 PKPd 43 04.10 -4.3X
0.2s 3.50nm
POO 145.42 51 iPKPd 43 11.00 -0.3
KKN 145.64 26 ePKP 43 11.20 -0.5
DMN 145.72 26 ePKP 43 11.60 -0.3
1.2s 126.00nm
PKI 145.89 26 ePKP 43 11.60 -0.7
LSA 146.00 16 PKP 43 11.80 -0.8
CD2 146.18 356 PKP 43 13.20 0.9
MUN 148.02 204 ePKP 43 17.00 1.9
BAL 149.00 206 ePKP 43 19.00 2.2X
HYB 149.64 47 ePKP 43 22.00 3.9X
GBA 151.03 55 PKP 43 20.50 0.4
GBA 151.03 55 PKPc 43 25.40 5.3X
1.3s 107.00nm
KMI 151.99 357 ePKP 43 21.50 -0.2
KOD 152.75 61 ePKP 43 30.50 7.4X
CHG 158.16 6 ePKP 43 37.00 7.3X
CHTO 158.16 6 e(PKP)43 27.50 -2.2X
1.8s 19.37nm
Z 20s 0.44um 5.3Msz
S.D. = 1.1 on 195 of 213 obs.

% JUN 10, 1985 03h 23m 34.58± 1.32s
24.009 N ± 7.9km 121.190 E ±15.2km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD 0.38 79 iPc 23 42.50 0.2
eS 23 48.50
TWF1 0.66 171 iP 23 48.50 0.8
TWC 0.85 45 iP 23 50.10 -0.8
TWZ 1.14 18 iPc 23 56.50 0.6
TWG 1.19 185 iPc 23 56.00 -0.7
S.D. = 1.0 on 5 of 5 obs.

• JUN 10, 1985 03h 25m 55.61± 1.04s
45.196 N ±14.1km 28.041 W ±10.5km
DEPTH = 10.0km (geophysicist)
4.7mb (10 obs.) 4.1Msz (1 obs.)
NORTH ATLANTIC RIDGE (403)

TOL 18.43 98 eP 30 14.00 1.3
i 35 30.00
MAL 19.70 107 eP 30 33.40 5.5X
CRT 20.00 105 eP 30 40.00 8.8X
LSF 20.62 76 eP 30 36.00 -1.5
TCF 21.08 76 eP 30 41.40 -0.9
1.2s 49.50nm 4.8mb
AKU 21.24 11 eP 30 43.30 -0.3
2.3s 218.18nm 5.1mb
MZF 21.35 76 eP 30 44.00 -1.0
1.2s 33.00nm 4.6mb
BGF 21.48 75 iPd 30 45.40 -0.9
0.9s 25.10nm 4.6mb
GRC 21.55 73 iPc 30 47.10 0.2
AVF 21.80 75 iPd 30 48 80 -0.6
1.1s 33.00nm 4.7mb
SSF 21.87 74 iPd 30 49.60 -0.6
1.1s 43.90nm 4.8mb
LOR 22.09 73 iPd 30 51.60 -0.7
1.1s 46.30nm 4.8mb
SMF 22.15 75 eP 30 52.80 -0.2
LBF 22.20 74 iPd 30 52.80 -0.7
1.3s 40.10nm 4.7mb
DOU 22.42 66 Pc 30 55.50 0.0
Z 20s 0.70um 4.1Msz
S 35 11.00
MEM 23.32 64 P 31 10.40 6.0X
HAU 23.68 71 eP 31 08.20 0.2
BSF 24.00 71 eP 31 11.40 0.3
CDF 24.26 70 eP 31 14.40 0.8
GWF 24.43 68 eP 31 16.80 1.6
ic 36 08.50
CLL 27.72 62 eP 31 51.00 5.2X
KHC 28.31 67 P 31 52.00 0.8
BRG 28.35 63 eP 31 51.20 -0.2
PRU 28.82 65 eP 31 58.00 2.3
FRB 29.25 324 eP 31 59.00 -0.4
SUF 35.09 41 eP 32 51.00 0.5
SOD 35.88 33 eP 33 06.00 8.9X
KJF 35.91 38 eP 33 02.00 4.6X
MBC 46.95 341 eP 34 28.00 0.3
BCAO 57.39 121 eP 35 46.30 -0.3
1.1s 5.30nm 4.5mb
BNG 57.40 121 ePd 35 46.90 0.2
0.9s 18.00nm 5.1mb
i 35 48.20
ic 37 03.00
S.D. = 0.9 on 25 of 31 obs.

• JUN 10, 1985 05h 02m 54.10± 0.52s
47.407 S ±10.3km 13.317 W ± 9.7km
DEPTH = 10.0km (geophysicist)
4.5mb (4 obs.)
SOUTH ATLANTIC RIDGE (410)

SNA 23.59 171 e(P) 08 05.00 -0.3
BAO 42.71 306 e(P) 10 54.20 1.2
SPA 42.79 180 eP 10 53.90 0.7
1.0s 9.50nm 4.5mb
BUL 43.44 66 iPd 10 59.60 0.6
ITR 44.02 323 eP 11 03.20 -0.3
e 11 06.50
SOB1 44.68 319 eP 11 09.10 0.3
0.7s 2.90nm 4.3mb
KRI 46.57 64 eP 11 24.00 0.0
MTD 47.82 66 iPd 11 33.00 -0.8
KIC 54.07 11 eP 12 21.30 0.4
ZOBO 54.53 285 eP 12 23.10 -2.0
1.8s 8.42nm 4.5mb
ARE 56.61 282 eP 12 40.50 0.6
BNG 58.75 38 iPd 12 54.30 -0.2
1.0s 20.00nm 5.2mb
INK 143.93 327 ePKP 22 36.00 6.1X
S.D. = 0.9 on 12 of 13 obs.

JUN 10, 1985 07h 33m 56.46± 0.15s
14.831 S ± 5.1km 177.988 W ± 4.3km
DEPTH = 365.9km (2 depth phases)
5.0mb (23 obs.)
FIJI ISLANDS REGION (181)

NDF 5.26 236 eP 35 26.00 5.8X
AFI 6.09 82 P 35 29.00 -0.5X
PVC 13.47 256 iPc 37 01.50 5.2X
NOU 16.51 241 iPc 37 32.30 3.6X
CRZ 21.26 202 P 38 18.00 2.4
KRP 23.71 193 P 38 37.00 -1.4
PMO 29.07 94 eP 39 26.00 -0.6
0.8s 30.00nm 4.7mb
VAH 29.31 95 eP 39 27.00 -1.7
0.8s 20.00nm 4.5mb
TPT 29.34 94 eP 39 28.00 -0.9
0.8s 20.00nm 4.5mb
RUV 29.55 95 eP 39 30.00 -0.8
0.8s 25.00nm 4.6mb
MSZ 32.06 199 P 39 51.00 -1.2
CTA 34.46 256 iPc 40 13.40 0.5
0.9s 25.21nm 4.5mb
i 42 39.00
PMG 34.48 275 eP 40 12.00 -1.0
CAN 35.95 229 eP 40 33.80 8.6X
YOU 35.96 231 eP 40 27.00 1.6
WAM 36.42 228 eP 40 32.50 3.4X
CMS 36.96 237 eP 40 34.00 0.3
WB2 45.65 257 iPc 41 43.20 -0.8

10d 07h

		eScP	46	33.20		
		eS	48	03.80		
WRA	45.66	257 Pc	41	43.20	-0.8	
	0.2s	5.20nm			4.4mb	
ASPA	46.08	251 iPc	41	47.30	0.0	
	0.4s	284.00nm			5.9mb	
		ePcP	42	17.00		
		eS	48	02.00		
GUA	46.29	306 eP	41	49.90	1.0	
	0 5s	61.97nm			5.1mb	
GUMO	46.35	306 eP	41	50.30	1.0	
PJG	46.35	306 eP	41	50.80	1.5	
MTN	49.36	266 eP	42	12.00	-0.4	
WBN	52.79	248 iPc	42	37.60	-0.2	
	0.5s	22.00nm			4.7mb	
DRV	58.69	198 iP	43	17.80	-0.8	
MBL	59.16	254 eP	43	22.00	-0.5	
NAU	63.04	252 eP	43	48.00	-0.2	
SBA	63.50	184 iPd	43	51.30	1.1	
	0.8s	26.12nm			4.9mb	
ADK	66.44	1 ePd	44	08.10	-1.0	
SMY	67.63	355 e(P)	44	15.60	-0.8	
SDN	71.45	10 ePd	44	38.00	-1.4	
GCC	73.72	44 eP	44	53.30	0.4	
PCC	73.72	43 ePd	44	53.30	0.3	
NWRM	73.93	42 P	44	54.40	0.3	
SAO	73.94	44 eP	44	54.50	0.2	
BRK	74.01	43 eP	44	55.00	0.4	
BKS	74.03	43 ePd	44	55.20	0.5	
	0.8s	100.00nm			5.6mb	
MHC	74.13	44 eP	44	56.00	0.5	
PRI	74.14	45 ePd	44	56.40	0.8	
ARN	74.20	44 P	44	55.10	-0.7	
LLA	74.20	45 eP	44	56.20	0.4	
SLD	74.26	44 P	44	56.90	0.8	
FHC	74.58	40 eP	44	58.40	0.6	
PAS	74.06	48 eP	44	59.00	-0.5	
MWC	74.98	48 eP	45	00.00	-0.4	
BAR	75.24	50 eP	45	00.00	-1.7	
FRI	75.24	45 eP	45	01.80	0.2	
JAS1	75.26	44 iPd	45	01.90	0.2	
SPA	75.26	180 iP	45	02.90	1.4	
	0.7s	30.86nm			5.1mb	
		e	46	30.00	388kmX	
KDC	75.32	14 ePd	45	01.40	-0.1	
WDC	75.35	40 iPd	45	02.50	0.4	
SBB	75.38	48 eP	45	01.00	-1.5	
ISA	75.41	46 eP	45	02.00	-0.6	
PLM	75.42	49 eP	45	02.00	-0.9	
ORV	75.44	42 iPd	45	02.60	0.0	
MIN	75.81	41 eP	45	04.50	-0.3	
CLC	76.10	47 eP	45	06.00	-0.5	
TPC	76.38	49 eP	45	08.00	0.0	
GSC	76.41	48 eP	45	08.00	-0.2	
GLA	76.78	50 eP	45	10.00	-0.2	
MNA	77.04	44 iPd	45	12.00	0.3	
SVW	77.76	11 ePd	45	14.70	-0.3	
CN2	77.85	322 Pc	45	16.40	0.6	
		pP	46	40.00	367km	
MID	78.33	16 e(P)	45	18.20	0.2	
BFW	78.37	35 P	45	19.00	0.4	
BMN	78.68	43 P	45	21.00	0.5	
SHW	78.75	36 P	45	21.70	1.0	
PHC	78.79	30 eP	45	20.50	-0.1	
EUR	79.04	44 iP	45	22.20	-0.4	
GMW	79.23	34 P	45	23.10	0.0	
LON	79.31	36 P	45	23.60	0.0	
TTA	79.39	10 ePd	45	24.30	0.6	
	0.9s	93.80nm			5.6mb	
PGC	79.53	33 ePd	45	24.60	0.0	
PMR	79.53	14 ePd	45	23.90	-0.4	
	0.6s	19.50nm			5.1mb	
MCW	79.88	34 P	45	26.80	0.3	
SIT	79.89	22 eP	45	26.40	0.1	
PNL	80.53	19 ePd	45	29.70	0.0	
TOA	80.67	15 ePd	45	30.80	0.4	
MSU	81.19	46 P	45	34.70	0.9	
RMU	81.41	48 eP	45	35.70	0.8	
DUG	81.52	45 P	45	35.50	0.1	
BJI	81.90	315 eP	45	37.50	0.4	
PNT	81.98	34 iPd	45	37.60	0.2	
	0.8s	81.00nm			5.6mb	
DAU	82.68	45 P	45	41.90	0.4	
IMA	82.69	10 ePd	45	41.00	0.2	
	0.8s	22.30nm			5.0mb	
FBA	82.73	12 ePd	45	40.30	-0.5	
NEW	82.80	36 iPd	45	40.90	-0.7	

ALQ	83.88	52 ePd	45	47.70	0.2	
	0.9s	41.18nm			5.2mb	
		e	47	12.00	365km	
GYA	83.88	299 P	45	45.60	-2.0	
LTX	84.02	58 P	45	49.60	1.4	
III	84.08	69 eP	45	50.00	1.2	
LRM	84.36	40 eP	45	48.90	-0.8	
IMW	84.44	42 P	45	50.30	0.1	
TPM	84.63	69 iPd	45	53.00	1.5	
IIC	84.69	68 iPc	45	53.00	1.0	
IIP	84.87	69 eP	45	54.00	1.2	
VHO	86.24	71 iPc	46	06.00	6.7X	
GOL	86.50	48 P	46	00.40	0.1	
MAW	86.88	200 eP	46	02.00	0.7	
PBJ	87.23	72 iPc	46	05.00	1.1	
SES	87.31	36 iPd	46	03.70	0.1	
	0.8s	81.00nm			5.7mb	
EDM	87.37	33 iPd	46	03.50	-0.4	
	0.5s	34.00nm			5.5mb	
JCT	87.56	58 iP	46	05.10	-0.2	
	0.9s	8.40nm			4.6mb	
CD2	87.75	303 eP	46	08.70	2.5	
INK	88.82	15 eP	46	10.00	-0.3	
RSSD	89.08	44 P	46	12.10	-0.2	
	0.9s	58.82nm			5.5mb	
COM	90.21	73 iPc	46	19.50	1.5	
RSNT	91.38	25 P	46	21.10	-1.1	
YKA	91.38	25 eP	46	22.50	0.3	
YKC	91.43	25 ePd	46	22.30	-0.1	
	0.6s	6.00nm			4.7mb	
SIO	91.95	54 eP	46	26.20	0.7	
TUL	92.40	54 eP	46	27.80	0.3	
	1.0s	38.30nm			5.4mb	
BHO	92.70	55 eP	46	28.90	0.0	
RLO	93.07	54 eP	46	30.50	-0.1	
SNA	95 02	179 eP	46	39.00	0.0	
MBC	97.27	12 eP	46	48.00	-0.8	
SOD	125.08	349 ePKP	52	13.00	-1.6	
KJF	127.59	346 iPKP	52	18.00	-1.5	
	0.6s	15.60nm				
SUF	129.23	346 iPKP	52	21.50	-1.1	
	0.5s	6.00nm				
SOB1	131.22	117 ePKP	52	17.00	-10.9X	
		e	52	21.40		
		e	52	27.80		
		e	52	29.70		
NUR	131.51	345 iPKP	52	26.00	-1.0	
	0.5s	18.20nm				
NB2	133.38	354 PKP	52	28.40	-2.3X	
	0.6s	5.00nm				
ITR	133.56	118 e(PKP)	52	21.00	-11.4X	
		e	52	31.60		
HFS	133.96	352 ePKP	52	30.50	-1.2	
	0.5s	6.90nm				
BUL	136.50	218 iPKP	52	37.50	-0.5	
	0.7s	5.82nm				
MTD	137.12	224 iPKPd	52	38.00	-1.1	
KRI	138.38	222 ePKP	52	40.00	-1.5	
CLL	142.55	349 ePKP	52	44.00	-3.7X	
WTS	142.73	355 ePKP	52	44.50	-3.4X	
	0.8s	12.00nm				
JOS	143.12	339 ePKPd	52	46.60	-2.2X	
	0.6s	19.50nm				
MLR	143.38	331 ePKP	52	48.00	-1.5	
MOX	143.44	350 ePKP	52	47.00	-2.3X	
PRU	143.48	346 PKP	52	47.30	-2.0X	
ENN	144.02	356 iPKPd	52	48.60	-1.6	
	0.7s	51.00nm				
UCC	144.08	357 PKP	52	49.10	-1.2	
MEM	144.17	356 iPKP	52	49.00	-1.4	
TNS	144.32	353 iPKPc	52	49.80	-1.0	
GRF	144.43	350 iPKPd	52	50.60	-0.4	
	0.9s	72.00nm				
ZST	144.47	343 iPKPd	52	50.80	-0.3	
KHC	144.50	347 iPKPd	52	50.60	-0.6	
	1.0s	64.00nm				
WET	144.64	348 iPKPd	52	50.90	-0.5	
	1.2s	33.00nm				
DOU	144.77	357 PKP	52	44.00	-7.5X	
DOU	144.77	357 iPKP	52	51.00	-0.5	
WLF	145.10	355 PKP	52	52.60	0.6	
GWF	145.64	353 iPKPd	52	53.20	0.1	
FUR	145.89	349 iPKPc	52	55.20	1.7	
	0.8s	68.00nm				
FLN	146.10	3 ePKP	52	54.60	0.8	
CDF	146.23	354 ePKP	52	55.40	1.3	
LDF	146.29	3 ePKP	52	55.00	0.9	

GRR	146.46	3 ePKP	52	55.80	1.4	
KBA	146.49	346 iPKPd	52	55.50	0.8	
	0.6s	27.70nm				
SLE	146.72	352 ePKP+	52	54.70	-0.2	
HAU	146.73	355 ePKP	52	56.60	1.7	
LPF	146.80	4 ePKP	52	57.00	2.1X	
BSF	146.86	354 ePKP	52	57.00	1.8	
LJU	147.15	344 ePKP	52	55.00	-0.6	
		i	52	57.80		
VOY	147.33	345 ePKP	52	55.00	-1.0	
		i	52	58.10		
OSS	147.52	350 ePKP+	52	56.60	0.2	
GRC	147.62	359 iPKPc	52	59.50	3.3X	
LOR	147.62	358 ePKP	52	58.80	2.5X	
YER	147.77	318 iPKP	53	00.90	4.0X	
SSF	147.84	358 iPKPc	53	00.00	3.4X	
LBF	147.90	357 ePKP	53	00.00	3.2X	
AVF	148.12	358 ePKP	53	00.40	3.3X	
SKO	148.17	332 ePKP	52	59.90	2.6X	
SMF	148.25	358 ePKP	53	00.80	3.5X	
MFF	148.27	3 ePKP	53	00.80	3.5X	
BGF	148.36	359 iPKPc	53	01.20	3.7X	
MMK	148.48	352 ePKP+	52	58.60	0.6	
DIX	148.52	353 ePKP+	52	58.70	0.6	
TCF	148.64	360 iPKPc	53	01.60	3.6X	
LSF	148.68	1 iPKPc	53	01.60	3.6X	
MZF	148.71	359 ePKP	53	02.00	3.9X	
OHR	149.14	332 ePKP	52	58.50	-0.4	
		i	53	03.10		
LPG	149.17	353 iPKPc	53	04.20	5.0X	
RJF	149.62	1 ePKP	53	04.20	4.7X	
LFF	149.97	2 ePKP	53	05.00	5.0X	
CAF	150.00	360 ePKP	53	05.40	5.3X	
LPO	150.24	1 ePKP	53	05.80	5.4X	
CDR	151.07	354 iPKPd	53	08.20	6.5X	
FRF	151.09	353 ePKP	53	07.80	6.1X	
LRG	151.23	353 ePKP	53	08.20	6.3X	
LMR	151.33	353 ePKP	53	08.20	6.2X	
CVF	151.74	349 iPKPc	53	09.40	6.7X	
MLS	151.96	1 ePKPd	53	10.08	7.1X	
BNG	160.72	239 iPKPd	53	14.80	0.1	
	0.7s	8.00nm				

S.D. = 0.9 on 146 of 187 obs.

JUN 10, 1985 08h 16m 37.18± 0.33s
52.B10 N ± 7.2km 159.473 E ± 4.9km
DEPTH = 47.1km (7 depth phases)
4.8mb (31 obs.)
OFF EAST COAST OF KAMCHATKA (219)
Felt (III) at Petropavlovsk-Kamchatskiy.

MAT	22.08	231 iPd	21	29.80	0.3	
	1.0s	25.00nm			4.6mb	
INK	34.33	37 eP	23	21.00	0.2	
MBC	37.45	23 eP	23	48.00	1.0	
ALE	43.26	7 eP	24	34.50	-0.4	
	0.6s	4.00nm			4.3mb	
YKA	43.63	42 eP	24	39.40	1.3	
YKC	43.69	42 eP	24	39.00	0.4	
PNT	48.42	60 eP	25	16.00	-0.3	
	0.7s	5.00nm			4.7mb	
EDM	49.24	52 iPd	25	22.90	0.4	
DAG	50.69	359 iPc	25	32.20	-1.0	
	0.6s	4.67nm			4.7mb	
FFC	53.49	46 eP	25	54.50	0.0	
	0.8s	4.00nm			4.5mb	
LRM	54.39	59 eP	26	00.60	-1.0	
SOD	55.04	340 eP	26	11.00	5.3X	
BMN	55.43	67 eP	26	10.00	0.9	
	0.9s	2.15nm			4.2mb	
		pP	26	23.00	47km	
EUR	56.78	67 iP	26	19.80	0.9	
		pP	26	32.80	46km	
KJF	57.48	337 eP	26	22.00	-1.2	
FRB	57.92	23 eP	26	24.00	-2.2	
BDW	57.98	60 P	26	28.00	0.7	
	0.6s	5.49nm			4.8mb	
		pP	26	40.00	42km	
CLC	58.42	71 eP	26	30.00	-0.2	
SBB	59.09	72 eP	26	35.00	0.1	
SUF	59.11	337 iP	26	34.00	-0.6	
	0.6s	4.10nm			4.7mb	
GSC	59.24	71 eP	26	36.00	0.0	
RSON	59.78	45 P	26	37.30	-2.1	
		pP	26	54.00	63kmX	
RSSD	59.88	56 P	26	39.40	-1.0	

	1.0s	25.00nm			5.3mb	
		pP	26	56.00	63kmX	
GLA	61.99	72 eP	26	55.00	0.3	
NB2	63.71	343 P	27	02.00	-3.6X	
	0.5s	1.30nm			4.3mb	
HFS	64.10	342 eP	27	06.40	-1.7	
	0.4s	3.50nm			4.8mb	
ALO	65.31	64 eP	27	16.80	0.3	
	1.0s	5.00nm			4.5mb	
		e	27	30.00	46km	
SCH	66.10	27 eP	27	21.00	-0.1	
TUL	70.20	57 eP	27	45.30	-1.5	
	1.2s	14.10nm			4.8mb	
		e	28	00.60	55km	
RLO	70.39	56 iPd	27	47.50	-0.5	
		e	28	00.70	46km	
LTX	71.10	66 P	27	53.50	1.0	
	0.5s	4.78nm			4.7mb	
EKA	71.27	350 Pd	27	52.80	-0.2	
	1.0s	12.50nm			4.8mb	
BHO	71.87	57 eP	27	56.70	-0.2	
		e	28	10.70	49km	
JCT	72.33	63 eP	28	00.00	0.3	
	1.0s	5.50nm			4.5mb	
CLL	72.48	339 eP	28	00.00	-0.2	
	1.2s	28.00nm			5.1mb	
WTS	73.07	343 eP	28	03.50	-0.1	
	0.8s	15.00nm			5.0mb	
PRU	73.37	337 P	28	05.40	0.0	
MOX	73.41	339 eP	28	05.00	-0.7	
GRF	74.39	339 eP	28	12.50	1.1	
KHC	74.39	338 iPd	28	12.00	0.6	
	1.0s	21.00nm			5.0mb	
ZST	74.40	335 e(P)	28	11.40	0.0	
ENN	74.41	343 eP	28	11.50	0.1	
	1.1s	47.00nm			5.3mb	
GBA	74.48	272 P	28	12.00	-0.4	
	0.4s	4.70nm			4.8mb	
MEM	74.55	343 Pc	28	12.30	0.1	
DOU	75.29	344 Pc	28	17.00	0.5	
WB2	75.66	204 eP	28	18.20	-0.7	
WRA	75.67	204 Pd	28	18.60	-0.3	
	0.9s	4.10nm			4.4mb	
GWF	75.81	341 iPd	28	19.40	-0.1	
KBA	76.37	337 eP	28	23.00	0.1	
	0.8s	43.30nm			5.5mb	
		id	28	23.90	3kmX	
CDF	76.42	341 eP	28	22.90	-0.2	
	0.9s	16.30nm			5.0mb	
HAU	76.99	342 eP	28	26.00	-0.1	
BSF	77.07	342 eP	28	26.30	-0.4	
OSS	77.47	339 eP	28	29.80	0.8	
VDL	77.81	339 eP	28	32.00	1.1	
LOR	78.15	343 eP	28	32.50	0.0	
	1.2s	26.70nm			5.1mb	
SSF	78.41	343 eP	28	33.90	0.0	
	0.8s	5.90nm			4.6mb	
MMK	78.54	340 eP	28	36.00	1.0	
DIX	78.62	341 eP	28	36.50	1.0	
AVF	78.70	344 eP	28	35.70	0.2	
	1.1s	22.80nm			5.1mb	
SMF	78.76	343 eP	28	36.10	0.2	
	1.2s	20.80nm			5.0mb	
LPG	79.32	341 eP	28	40.40	1.1	
	1.1s	34.80nm			5.2mb	
TCF	79.38	344 eP	28	39.40	0.1	
MZF	79.39	344 eP	28	39.80	0.5	
	1.0s	12.90nm			4.8mb	
OHR	79.86	330 eP	28	41.40	-0.5	
CAF	80.73	344 eP	28	47.70	1.2	
	1.0s	14.00nm			4.9mb	
	S.D. = 0.8	on 63 of 65 obs.				

* JUN 10, 1985 09h 27m 04.93± 4.00s
33.300 S ±10.7km 71.943 W ±28.8km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.79	146 iPc	27	20.10	-0.2	
		iS	27	30.50		
ROCH	0.85	68 iPd	27	21.60	0.2	
		iS	27	32.20		
TACH	0.91	113 iPc	27	22.60	0.2	
		iS	27	34.00		
PEL	1.07	82 iPd	27	25.40	0.4	
SAN	1.08	98 iPd	27	25.20	-0.1	
BACH	1.22	93 iPd	27	27.60	0.0	
CHCH	1.25	121 iPc	27	27.50	-0.7	
FCH	1.38	92 iPd	27	30.10	-0.5	
		iS	27	48.60		
MDZ	2.63	82 eP	27	52.90	4.7X	
		iS	28	29.90		
RFA	3.24	118 eP	27	58.00	1.1	
TCA	6.52	75 ePc	28	43.00	-0.4	
		S	29	57.60		
	S.D. = 0.6	on 10 of 11 obs.				

JUN 10, 1985 09h 57m 17.03± 0.49s
4.966 S ± 5.1km 151.694 E ± 5.1km
DEPTH = 145.8 ± 5.1 km
5.1mb (11 obs.)
NEW BRITAIN REGION (192)

RAB	0.90	32 iPc	57	40.90	0.0	
BGA	3.66	109 iPd	58	13.20	-0.4	
		eS	58	57.00		
PAA	4.00	110 eP	58	17.00	-1.0	
		eS	59	06.00		
LAT	4.96	250 iPc	58	31.00	0.3	
MOM	5.18	304 iPd	58	34.40	0.8	
LMG	5.26	222 eP	58	32.00	-2.9	
ALOA	5.46	194 eP	58	37.00	-0.4	
MDG	5.90	267 e(P)	58	45.00	1.7	
PMG	6.31	225 eP	58	49.00	0.1	
CTA	15.94	199 iPd	00	56.40	1.9	
	1.0s	18.00nm			4.3mb	
GUA	19.58	340 eP	01	37.10	1.0	
	0.8s	185.07nm			5.5mb	
GUMO	19.64	340 eP	01	36.80	0.1	
PJG	19.64	340 eP	01	36.70	0.0	
RMO	21.59	187 eP	01	57.00	0.8	
MTN	21.76	248 iPd	01	58.00	0.1	
		eS	05	50.00		
NOU	22.39	142 iPc	02	04.60	0.6	
WB2	22.51	227 iPc	02	05.60	0.4	
WRA	22.52	227 Pd	02	05.90	0.6	
	0.6s	33.80nm			4.9mb	
KNA	24.94	243 eP	02	31.00	2.6	
ASPA	25.30	221 eP	02	32.00	0.2	
		eS	06	48.00		
CAN	30.31	184 eP	03	17.30	0.6	
WBN	31.94	226 iPc	03	30.90	-0.2	
	0.7s	23.00nm			5.1mb	
MBL	34.85	240 iPd	03	55.30	-0.9	
MEK	38.27	232 iPc	04	24.50	-0.4	
	0.5s	31.00nm			5.3mb	
NAU	39.10	240 eP	04	31.00	-0.7	
KRP	39.35	150 P	04	34.00	0.4	
TCW	41.37	154 P	04	51.30	1.2	
KLB	41.39	226 eP	04	49.00	-1.5	
MNG	41.43	152 P	04	51.00	0.3	
MRWA	41.49	230 eP	04	50.30	-1.1	
BAL	41.64	228 iPd	04	52.00	-0.6	
KGM	48.82	277 ePd	05	49.99	0.2	
PPI	51.42	273 ePd	06	08.00	-1.6	
	0.7s	72.90nm			5.5mb	
IPM	51.49	280 ePd	06	09.10	-1.0	
	0.9s	26.10nm			5.0mb	
PKI	71.57	301 iP	08	24.40	-0.5	
	0.8s	21.00nm			5.0mb	
KKN	71.74	301 iP	08	25.50	-0.3	
	0.7s	40.00nm			5.3mb	
DMN	71.84	301 iP	08	26.40	0.0	
	0.8s	38.00nm			5.2mb	
SBA	73.27	177 e(P)	08	27.00	-6.5X	
SPA	85.07	180 eP	09	38.30	0.9	
	0.8s	7.92nm			4.6mb	
MTD	117.01	248 iPKP	15	47.00	-0.2	
BUL	118.78	244 iPKPd	15	50.30	-0.3	
	0.7s	4.11nm				
BNG	133.31	271 iPKPd	16	18.10	-0.3	
	0.9s	18.00nm				
		i	17	48.70		
		i	19	35.40		
BCAO	133.32	271 ePKP	16	18.00	-0.4	
	S.D. = 1.0	on 42 of 43 obs.				

JUN 10, 1985 11h 25m 49.01± 0.41s
47.452 N ± 4.3km 11.701 E ± 3.7km
DEPTH = 26.2 ± 4.4 km
4.4mb (1 obs.)
AUSTRIA (546)
ML 4.0 (FUR), 3.9 (VKA), 3.6 (LDG). Felt (V) in the Fugen-

Ried area.

IBK	0.29	228 iPg	25	53.50	-2.5	
		iSg	25	58.00		
FUR	0.77	338 iPgc	26	04.50	0.8	
KBA	1.18	108 iPgc	26	06.30	-3.7X	
		i	26	06.90		
		iSg	26	20.60		
OSS	1.31	235 ePd	26	11.60	-0.3	
SAX	1.61	264 ePd	26	19.40	3.0X	
KMR	1.75	69 iPg-	26	18.90	0.9	
		iSg	26	40.20		
		i	26	42.20		
VDL	1.81	239 eP+	26	21.60	2.5X	
WET	1.87	24 iPnd	26	19.60	-0.2	
LLS	1.93	253 ePd	26	23.00	2.1	
VOY	2.07	132 ePn	26	22.80	0.6	
		i	26	24.60		
		iSg	26	49.70		
KHC	2.10	36 Pn	26	22.20	-0.9	
		Pg	26	26.20		
		Sg	26	54.70		
SLE	2.19	279 eP+	26	31.70	7.2X	
ZUL	2.25	272 ePd	26	27.50	2.3	
TRI	2.25	140 iPn	26	24.90	-0.3	
		iSg	26	54.00		
GRF	2.26	352 iPn	26	25.10	-0.3	
		iPg	26	31.90		
		e(Sn)	26	51.70		
		e(Sg)	27	02.60		
LJU	2.40	125 ePn	26	28.80	1.4	
		eSg	27	00.60		
CEY	2.54	131 ePn	26	31.10	1.6	
		iPg	26	36.20		
		iSn	27	09.10		
		iSg	28	05.60		
BUH	2.63	299 ePn	26	31.60	0.9	
HOF	2.87	2 iPnc	26	42.70	8.7X	
MMK	2.93	243 ePd	26	37.30	2.3	
GWF	3.13	301 iPnc	26	38.80	1.1	
CDF	3.13	290 Pn	26	38.60	0.8	
		Sg	27	30.20		
PRU	3.16	35 Pg	26	45.30	7.2X	
		e	26	47.00		
		Sg	27	28.50		
MOX	3.20	359 ePn	26	37.50	-1.2	
		iPg	26	50.00		
		iSn	27	16.00		
		iSg	27	32.00		
VKA	3.21	74 iPnc	26	38.50	-0.4	
		iPg	26	47.30		
		iSn	27	14.90		
		iSg	27	27.80		
DIX	3.25	247 ePd	26	41.60	1.9	
BSF	3.34	278 Pn	26	41.70	0.9	
		Sn	27	20.10		
		Sg	27	35.70		
TNS	3.51	323 ePn	26	44.30	1.1	
		eSn	27	26.30		
		eSg	27	48.00		
EMS	3.56	249 ePd	26	45.10	1.1	
HAU	3.66	281 Pn	26	46.20	1.0	
ZST	3.71	76 e(Pn)	26	55.20	9.2X	
		i	27	06.60		
		e	27	24.50		
		i(Sn)	27	42.10		
		i(Sb)	27	54.90		
LPG	3.94	242 Pn	26	51.20	1.7	
		Sn	27	37.00		
CLL	3.95	12 iPg	27	02.90	13.5X	
		iSg	27	55.30		
WLF	4.30	303 iPn	26	56.20	2.0	
		Sg	28	09.60		
KSP	4.54	40 ePn	26	57.00	-0.8	
MEM	4.90	312 Pn	27	03.50	0.7	
		Sg	28	26.60		
ENN	5.04	313 ePn	27	06.00	1.2	
		e	27	13.00		
		e	27	28.50		
FRF	5.27	224 Pn	27	09.40	1.4	
		Sn	28	08.90		
LBF	5.28	268 Pn	27	07.60	-0.7	
		Sn	28	35.90		
LOR	5.33	271 Pn	27	08.70	-0.3	
		Sg	28	38.70		
DOU	5.39	302 iPn	27	11.00	1.2	
		PP	27	17.80		

10d 11h

Sn 27 56.40
Sg 28 42.90
SMF 5.43 264 Pn 27 09.60 -0.8
Sn 28 08.80
LRG 5.48 225 Pn 27 11.40 0.3
Sn 28 15.10
LMR 5.51 223 Pn 27 11.40 0.0
Sn 28 14.10
WTS 5.54 327 ePn 27 19.50 7.6X
0.8s 8.00nm 4.4mb
SSF 5.59 269 Pn 27 12.30 -0.3
Sg 28 46.90
CDR 5.62 230 ePd 27 13.00 0.0
e 28 18.40
AVF 5.74 266 Pn 27 14.00 -0.6
GRC 5.86 272 iPd 27 16.80 0.4
UCC 5.87 308 eP 27 45.00 28.6X
S 51 36.00
BGF 6.12 265 Pn 27 19.20 -0.9
Sn 28 25.30
MZF 6.38 262 Pn 27 22.40 -1.3
Sn 28 32.60
TCF 6.61 263 Pn 27 25.60 -1.4
Sn 28 36.80
LSF 7.08 264 Pn 27 32.30 -1.2
Sn 28 49.30
CAF 7.15 253 Pn 27 33.40 -1.1
Sn 28 50.50
RJF 7.36 257 Pn 27 36.40 -1.1
LPO 7.82 253 Pn 27 42.60 -1.3
LFF 8.01 256 Pn 27 44.10 -2.5
MFF 8.14 268 Pn 27 47.30 -1.0
FLN 8.26 284 Pn 27 49.30 -0.7
LPF 8.61 279 Pn 27 53.70 -1.1
S.D. = 1.2 on 51 of 61 obs.

JUN 10, 1985 11h 41m 53.55± 0.29s
40.536 N ± 4.0km 35.845 E ± 3.6km
DEPTH = 10.0km (geophysicist)
4.8mb (42 obs.) 4.5Msz (3 obs.)
TURKEY (366)
Felt in the Corum-Amasya-Tokat area.

GPA 4.23 268 iPn 42 58.70 -0.9
YLV 4.93 272 iPn 43 09.60 0.1
BCK 5.12 235 iPn 43 12.40 0.3
ISK 5.18 278 iPn 43 13.10 0.2
DST 5.61 263 ePn 43 17.50 -1.7
CTT 5.66 279 iPn 43 19.10 -0.6
KCT 5.72 270 iPn 43 19.10 -1.6
CSS 5.91 200 eP 43 22.00 -1.2
EDC 6.09 271 ePn 43 22.00 -3.8X
KGT 6.51 272 ePn 43 31.10 -0.7
MFT 6.52 275 ePn 43 34.00 2.1
BHL 6.62 181 P 43 35.00 1.6
S 45 44.00
YER 6.81 242 iPn 43 40.10 4.1X
IZM 6.97 255 iPn 43 37.90 -0.4
MSL 7.07 124 ePd 44 06.50 26.9X
e 45 41.50
i 46 11.60
HRI 7.25 181 iP 43 43.00 0.7
EZN 7.32 268 iPn 43 42.10 -1.0
PRK 7.47 263 eP 43 45.00 -0.2
BRD 8.14 311 ePd 43 55.00 0.5
CGN 8.14 300 eP 43 53.00 -1.6
BUC 8.18 301 eP 44 21.00 25.9X
BUC1 8.19 301 eP 44 00.00 4.7X
ISR 8.23 307 iPc 43 58.00 2.1
RTB 8.24 153 ePc 44 12.00 16.1X
i 44 38.00
iS 46 17.00
i 46 26.00
i 47 00.00
i 47 52.00
PPE 8.25 316 iPc 43 52.00 -4.1X
TAB 8.49 104 eP 44 09.00 9.4X
VRI 8.53 312 eP 44 47.00 47.0X
JER 8.76 184 iP 44 02.00 -1.3
CVO 8.82 310 iPc 44 02.00 -2.0
DOC 9.25 317 iP 44 06.50 -3.4X
NPS 9.65 240 eP 44 05.00 -10.4X
ATH 9.75 259 eP 44 20.00 3.2X
eS 45 48.00
NOH 9.85 184 iP 44 19.00 0.7
VAY 10.08 279 iP 44 20.00 -1.4

HNM 10.47 314 ePc 44 22.00 -4.8X
KZN 10.74 273 eP 44 22.50 -7.9X
DEV 10.85 304 ePc 44 40.50 8.6X
KER 10.87 121 eP 44 40.00 7.7X
VLR 10.92 308 eP 44 30.00 -3.0X
SKO 10.94 282 iP 44 36.80 3.6X
Z 10s 13.20um
e(S) 46 40.00
OHR 11.42 278 ePn 44 45.00 5.3X
JOS 13.50 311 eP 45 02.90 -4.5X
SPC 14.02 313 eP 45 11.80 -2.7
Z 10s 5.20um
e(S) 48 01.90
SRO 14.51 306 eP 45 25.50 4.7X
e 48 26.00
KRA 14.67 316 eP 45 16.60 -6.1X
Z 14s 6.50um
N 18s 6.70um
E 18s 6.20um
e 45 20.60
e 45 31.40
eS 48 23.00
ZAG 15.41 297 eP 45 34.90 2.4X
eS 48 36.90
ZST 15.41 306 eP 45 35.60 3.1X
VKA 15.92 306 i(P) 45 43.00 3.8X
4.0s 269.00nm 4.8mb X
Z 10s 2.24um 4.8Msz
e 48 48.00
LJU 16.45 297 eP 45 45.00 -0.8
eS 48 58.00
VOY 16.88 296 eP 45 51.00 -0.4
TRI 16.91 295 ePn 45 48.10 -3.6X
iSn 49 16.00
i 51 28.00
KSP 17.06 314 eP 45 52.00 -1.5
1.0s 25.00nm 4.3mb
KMR 17.23 303 iP- 45 55.80 0.1
i 49 19.00
i 52 51.00
i 53 39.70
SHI 17.42 123 eP 45 58.00 -0.3
KBA 17.48 299 iPc 45 59.20 0.2
1.8s 124.00nm 4.7mb
i 46 06.40
PRU 17.67 309 eP 46 01.00 -0.2
2.0s 70.30nm 4.4mb
Z 13s 3.20um 6.0Msz
N 16s 3.30um
E 13s 3.50um
S 49 30.00
KHC 17.93 306 Pd 46 03.50 -0.9
1.4s 50.00nm 4.5mb
e 46 28.00
e 47 14.50
S 49 34.00
WET 18.36 306 iPd 46 09.10 -0.7
1.6s 127.00nm 4.8mb
MHI 18.99 95 eP 46 18.00 0.3
eS 49 55.00
CLL 19.12 312 eP 46 19.00 0.1
2.3s 130.00nm 4.8mb
i 46 32.80
eS 49 59.00
HOF 19.38 308 iPc 46 22.00 -0.2
2.0s 261.00nm 5.2mb
eS 50 06.00
QSS 19.55 297 ePd 46 25.30 0.9
GRF 19.57 306 eP 46 24.80 0.4
Z 22s 1.40um
MOX 19.66 309 ePc 46 25.50 0.1
2.2s 150.00nm 4.9mb
eS 50 10.00
VDL 19.98 296 ePd 46 30.30 1.3
LLS 20.36 297 ePd 46 32.50 -0.5
MMK 20.97 294 ePd 46 41.80 2.5X
NUR 21.17 345 iP 46 40.00 -0.9
0.8s 33.70nm 4.8mb
Z 20s 0.50um 3.9Msz
eS 50 26.00
DIX 21.36 294 ePd 46 45.10 1.8
COP 21.62 322 eP 46 48.00 2.6X
iS 50 51.00
GWF 21.65 302 eP 46 46.80 0.9
EMS 21.69 294 ePd 46 47.60 1.0
CDF 21.76 301 eP 46 49.20 2.1
1.2s 35.70nm 4.7mb

LPG 21.78 293 eP 46 49.20 1.6
1.5s 101.50nm 5.0mb
FRF 21.84 288 eP 46 50.00 2.1
1.3s 73.70nm 4.9mb
LMR 21.95 287 eP 46 50.80 1.8
1.4s 67.70nm 4.9mb
BSF 21.98 299 eP 46 50.60 1.2
1.2s 33.00nm 4.6mb
LRG 22.05 287 eP 46 52.20 2.2
1.2s 37.10nm 4.7mb
HAU 22.30 299 eP 46 53.80 1.3
1.2s 30.80nm 4.6mb
BNS 22.42 307 eP 46 53.30 -0.3
1.8s 170.00nm 5.2mb
UPP 22.44 336 iP 46 53.90 0.2
iS 50 56.00
CDR 22.48 288 ePc 46 58.50 4.3X
STB 22.53 306 iPc 46 57.40 2.8X
WLF 22.73 304 Pc 47 00.20 3.6X
S 51 08.00
WTS 22.95 310 eP 47 02.50 3.7X
1.5s 55.00nm 4.9mb
SUF 22.96 349 iP 46 58.70 -0.1
0.5s 6.50nm 4.4mb
MEM 23.04 306 P 47 06.00 6.3X
ENN 23.13 306 eP 47 03.00 2.4X
1.3s 82.00nm 5.1mb
LBF 23.79 296 eP 47 07.50 0.5
1.2s 44.00nm 4.9mb
DOU 23.81 304 Pc 47 08.90 1.8
Z 14s 1.90um 4.7MszX
S 51 24.00
SMF 23.86 296 eP 47 08.70 1.0
1.2s 71.40nm 5.1mb
LOR 23.89 297 eP 47 07.80 -0.2
1.2s 38.60nm 4.9mb
HFS 23.97 332 eP 47 08.10 -0.4
0.5s 6.80nm 4.5mb
SSF 24.12 296 eP 47 10.20 0.0
1.2s 39.80nm 4.9mb
KJF 24.18 351 iP 47 09.60 -0.9
0.7s 33.40nm 5.1mb
i 47 18.10
eS 51 28.00
AVF 24.21 296 eP 47 10.40 -0.6
1.0s 70.80nm 5.2mb
GRC 24.43 297 iPd 47 15.30 2.2
i 47 41.40
BGF 24.54 295 eP 47 13.60 -0.7
1.2s 49.70nm 5.0mb
MZF 24.71 294 eP 47 15.50 -0.5
1.2s 88.10nm 5.3mb
TCF 24.98 295 eP 47 18.60 0.1
1.3s 90.20nm 5.3mb
KONO 25.20 328 eP 47 21.30 0.9
LSF 25.45 294 eP 47 22.30 -0.6
RJF 25.46 292 eP 47 22.00 -1.1
1.2s 38.00nm 5.0mb
NB2 25.48 332 P 47 22.50 -0.6
0.9s 10.90nm 4.5mb
MLS 25.94 287 eP 47 26.20 -1.4
EPF 26.47 287 eP 47 30.80 -1.8
0.8s 11.20nm 4.6mb
MFF 26.61 295 eP 47 31.90 -1.8
1.2s 38.00nm 5.0mb
GRR 27.14 299 eP 47 37.80 -0.7
1.2s 40.00nm 5.0mb
LPF 27.24 298 eP 47 38.80 -0.7
1.3s 49.40nm 5.1mb
OUE 27.26 102 eP 47 34.50 -5.5X
eS 52 48.05
SOD 27.37 352 iP 47 40.80 0.4
e 47 58.00
EKA 29.57 313 P 48 02.00 1.6
0.8s 4.00nm 4.3mb
TOL 30.30 282 eP 48 07.00 -0.1
eS 53 13.00
WMQ 38.05 67 P 49 14.30 0.5
BNG 39.17 208 ePc 49 24.00 0.7
0.9s 13.00nm 4.6mb
i 49 36.60
i 50 05.20
BCAO 39.18 208 e(P) 49 22.90 -0.5
Z 20s 0.92um 4.6Msz
DMN 42.28 92 eP 49 49.00 -0.2
0.8s 15.00nm 4.8mb
KKN 42.32 92 eP 49 48.60 -0.9

0.6s 15.00nm 4.9mb
DAG 42.98 344 eP 49 54.00 0.1
0.6s 3.33nm 4.2mb
KIC 49.72 238 eP 50 48.80 0.9
CD2 54.74 77 eP 51 24.90 -0.6
XAN 56.98 71 eP 51 40.50 -1.1
MTD 57.16 185 eP 51 47.00 4.1X
KRI 57.36 187 eP 51 50.00 5.6X
BJI 59.13 62 eP 52 01.50 5.0X
FRB 60.29 330 eP 52 05.00 0.9
BUL 60.74 188 eP 52 04.50 -3.3X
0.9s 4.20nm 4.6mb
CN2 63.23 54 Pc 52 25.40 1.2
PSI 67.98 106 eP 52 54.00 -1.1
YKA 74.60 346 eP 53 35.90 1.8
MAT 75.38 54 (P) 53 37.00 -2.1
Z 20s 0.53um 4.8Msz
eS 03 30.00
EDM 82.90 342 eP 54 20.00 0.5
S.D. = 1.1 on 93 of 132 obs.

JUN 10, 1985 12h 02m 27.09± 0.53s
40.478 N ± 8.4km 35.799 E ± 5.0km
DEPTH = 10.0km (geophysicist)
4.5mb (12 obs.)
TURKEY (366)

GPA 4.20 269 iPn 03 32.20 -0.4
YLV 4.90 273 ePn 03 42.10 -0.5
BCK 5.06 235 ePn 03 40.00 -4.8X
ISK 5.15 279 ePn 03 47.00 0.9
DST 5.57 263 ePn 03 52.00 -0.1
YER 6.75 243 iPn 04 09.40 0.7
MSL 7.07 123 eP 04 30.00 16.9X
e 06 10.70
e 07 35.60
EZN 7.29 268 ePn 04 15.10 -1.0
PRU 17.68 310 eP 06 35.00 0.1
KHC 17.94 306 eP 06 34.00 -4.1X
CLL 19.13 312 eP 06 53.00 0.4
NUR 21.21 345 iP 07 13.50 -1.4
0.8s 13.20nm 4.4mb
SUF 23.01 349 eP 07 34.00 1.2
LBF 23.79 296 eP 07 41.00 0.5
1.1s 15.80nm 4.5mb
SMF 23.86 296 eP 07 42.00 0.8
LOR 23.89 297 eP 07 41.10 -0.4
1.1s 10.70nm 4.3mb
SSF 24.11 297 eP 07 43.30 -0.3
0.9s 8.80nm 4.4mb
AVF 24.20 296 eP 07 44.50 0.0
0.9s 19.40nm 4.7mb
KIF 24.23 351 iP 07 43.20 -1.4
0.6s 11.70nm 4.7mb
MZF 24.71 294 eP 07 49.60 0.1
1.0s 19.20nm 4.7mb
TCF 24.97 295 eP 07 50.80 -1.2
1.1s 15.80nm 4.6mb
NB2 25.51 332 P 07 57.40 0.4
1.1s 6.70nm 4.2mb
SOD 27.42 352 eP 08 11.00 -3.4X
DMN 42.32 92 eP 10 23.20 0.2
0.8s 5.00nm 4.3mb
KKN 42.36 92 eP 10 22.30 -1.0
0.7s 8.00nm 4.6mb
PKI 42.57 92 eP 10 25.40 0.3
1.0s 10.00nm 4.5mb
FRB 60.32 330 eP 12 39.00 1.1
YKA 74.65 346 eP 14 09.00 1.1
S.D. = 0.8 on 24 of 28 obs.

& JUN 10, 1985 12h 22m 38.30s
37.248 N 80.485 W
DEPTH = 11.1km
WEST VIRGINIA (491)
<BLA>. DUR 2.8 (BLA). Felt (IV) at Blacksburg, Virginio. Felt (III) at Longshop ond Moybrook, Virginio.

BAV 0.05 118 iP 22 40.60 -0.1
BLA 0.06 126 P 22 40.77 0.0
S 22 41.34
VWV 0.23 19 P 22 43.00 -0.4
S 22 47.08
NAV 0.26 286 P 22 43.17 -0.6
S 22 46.68
PUV 0.35 230 P 22 45.58 0.1
S 22 50.49
WMV 0.41 250 P 22 46.11 -0.7
S 22 51.85
HWV 0.44 320 P 22 47.21 -0.2
S 22 53.41
PWV 0.46 281 P 22 47.21 -0.5
S 22 53.54
PLVA 0.79 223 P 22 53.20 -0.5
9 obs. associated

& JUN 10, 1985 12h 50m 20.70s
33.690 N 117.380 W
DEPTH = 7.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS). Felt at Riverside.

MWC 0.78 314 iPd 50 35.20 -1.0
CIS 0.90 252 iPd 50 36.70 -1.5
SDW 0.95 15 iP 50 38.20 -1.0
SBB 1.06 340 iPd 50 39.90 -1.1
BAR 1.17 149 eP 50 40.70 -2.1
TPC 1.18 69 iPd 50 42.30 -0.8
CBX 1.50 156 iPd 50 46.40 -1.6
S 51 06.50
7 obs. associated

• JUN 10, 1985 13h 01m 11.03± 1.39s
45.764 N ± 9.2km 111.407 W ±11.8km
DEPTH = 5.0km (geophysicist)
MONTANA (456)
ML 3.1 (NEIS).

LCCM 0.34 283 iPc 01 18.60 0.7
LRM 0.73 275 iPc 01 25.60 -0.1
BUT 0.85 288 eP 01 28.30 0.3
iS 01 39.40
HRY 0.99 343 eP 01 29.90 -0.5
IMW 1.90 170 eP 01 45.80 1.2
HPI 2.38 211 eP 01 50.00 -1.6
TMI 2.48 189 e(P) 01 55.50 2.5X
BDW 3.27 155 eP 02 09.00 4.9X
NEW 4.64 305 e(P) 02 40.00 16.6X
S.D. = 1.3 on 6 of 9 obs.

• JUN 10, 1985 13h 06m 21.13± 4.17s
33.228 S ±10.1km 71.993 W ±29.0km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

ROCH 0.86 73 iPd 06 38.00 0.1
LNV 0.87 146 iPc 06 38.20 0.3
iS 06 49.30
TACH 0.98 116 iP 06 39.50 -0.2
iS 06 53.10
PEL 1.10 86 iPd 06 42.40 0.6
iS 06 55.70
SAN 1.14 102 iPd 06 42.30 -0.1
iS 06 58.80
BACH 1.26 96 iPd 06 44.70 0.1
JACH 1.30 66 iPc 06 45.00 -0.2
PCH 1.30 108 iPc 06 45.00 -0.2
CHCH 1.32 123 iP 06 45.40 -0.2
FCH 1.43 94 iPd 06 47.20 -0.2
iS 07 04.70
MDZ 2.66 83 iP 07 11.70 6.8X
eS 07 45.60
S.D. = 0.3 on 10 of 11 obs.

? JUN 10, 1985 13h 12m 50.67± 1.19s
1.421 S ±37.3km 101.545 E ±36.5km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
SOUTHERN SUMATERA (274)

PPI 1.49 310 iP 13 15.50 0.0
i(S) 13 31.50
KGM 3.85 27 eP 14 05.00 16.0X
PSI 4.86 327 ePd 14 02.70 -0.6
TSI 5.72 329 ePc 14 16.20 0.6
WRA 36.97 122 Pd 19 59.00 -0.1
0.5s 1.90nm 4.2mb
WB2 36.98 122 eP 19 59.20 0.1
S.D. = 0.6 on 5 of 6 obs.

• JUN 10, 1985 14h 07m 01.95± 1.87s
42.622 N ± 9.5km 126.414 W ±20.8km
DEPTH = 10.0km (geophysicist)
4.5mb (7 obs.) 3.7Msz (1 obs.)
OFF COAST OF OREGON (30)

COR 2.99 48 iPc 07 50.00 -0.3
ORV 4.81 128 eP 08 15.00 -1.2
JAS1 6.56 134 eP 08 42.00 1.2
PNT 8.20 33 eP 09 05.00 1.3
0.5s 7.00nm 5.2mb
EUR 8.49 108 iP 09 08.00 -0.1
0.2s 3.35nm 5.3mb
LRM 10.52 68 eP 09 46.40 10.3X
BDW 12.40 84 eP 10 01.10 -0.4
0.9s 1.71nm 4.3mb
ALQ 17.32 110 eP 11 05.00 -0.5
1.3s 14.42nm 3.9mb
FFC 20.05 44 ePc 11 37.40 -0.4
0.9s 18.00nm 4.4mb
YKA 21.09 15 eP 11 48.20 -0.3
YKC 21.10 15 eP 11 48.00 -0.6
1.0s 15.00nm 4.3mb
TUL 24.55 96 eP 12 22.90 0.1
0.8s 11.20nm 4.6mb
Z 19s 0.23um 3.7Msz
e 12 35.50
RLO 25.01 94 eP 12 28.50 1.3
S.D. = 0.9 on 12 of 13 obs.

% JUN 10, 1985 14h 51m 01.47± 0.60s
39.763 N ± 5.4km 27.792 E ± 5.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EDC 0.59 5 iPg 51 13.40 0.1
iSg 51 21.90
KCT 0.65 42 ePg 51 14.00 -0.5
DST 0.66 103 iPg 51 14.20 -0.5
iSg 51 24.50
KGT 0.78 332 iPg 51 17.00 0.3
iSg 51 32.00
MFT 1.09 339 ePn 51 22.00 -0.1
EZN 1.13 274 ePn 51 22.10 -0.6
IZM 1.42 197 iPn 51 27.90 0.5
YLV 1.45 56 iPn 51 28.50 0.7
CTT 1.47 19 iPn 51 28.00 0.1
S.D. = 0.5 on 9 of 9 obs.

• JUN 10, 1985 15h 00m 29.82± 1.50s
22.348 S ± 9.5km 113.613 E ±18.0km
DEPTH = 33.0km (normal)
WESTERN AUSTRALIA (590)

NAU 1.76 97 iPd 01 02.20 3.8X
MBL 5.90 80 iPd 01 58.60 1.3
0.2s 21.00nm 5.4mb X
eS 02 59.00
MEK 6.18 134 eP 02 02.00 0.8
0.2s 42.00nm 5.8mb X
eS 03 08.00
MRWA 7.17 163 eP 02 15.00 0.6
eS 03 27.00
BAL 8.68 162 eP 02 37.00 0.9
eS 04 07.20
MUN 9.87 167 eP 02 52.00 -0.4
eS 04 33.20
KLB 9.92 159 eP 02 53.00 -0.2
eS 04 34.00
KLG 10.94 142 eP 03 04.00 -3.2X
eS 04 56.40
WBN 12.41 110 eP 03 25.00 -2.2
0.2s 7.00nm 5.4mb X
eS 05 31.00
WB2 19.49 87 eP• 05 04.20 7.0X
eS 08 20.50
BKB 21.17 9 ePc 05 14.50 -0.2
S.D. = 1.3 on 8 of 11 obs.

JUN 10, 1985 15h 28m 41.10± 0.37s
55.619 N ± 4.5km 4.741 E ± 3.8km
DEPTH = 10.0km (geophysicist)
NORTH SEA (534)
ML 3.9 (EDI). Felt on the Gorm and Tyro production platforms

WIT 3.03 157 ePg 29 47.00 17.1X
e(Sg) 30 37.00

10d 15h

DBN	3.53	176	ePg	30	12.00	34.9X
			eSn	30	40.00	
			eSg	30	57.00	
KMY	3.61	4	ePn	29	39.00	0.8
			eSn	30	21.00	
AWH	3.73	218	ePn	29	41.00	1.0
WTS	3.83	160	iPnc	29	42.00	0.6
	0.6s		15.00nm			
			ePg	30	04 00	
XAL	4.05	262	ePn	29	43.20	-1.3
			eSn	30	28.70	
ESY	4.17	277	ePn	29	46.50	0.4
			eSn	30	32.20	
COP	4.36	86	iP	30	06.30	17.5X
EBL	4.41	275	ePn	29	47.30	-2.2
			eSn	30	33.90	
EDU	4.44	285	ePn	29	50.70	0.7
ODD	4.46	13	ePn	29	50.00	-0.3
			iSn	30	41.50	
EDI	4.49	277	e(Pn)	29	51.80	1.2
			eSn	30	41.20	
EKA	4.50	270	P	29	53.00	2.1
	0.7s		5.20nm			
ECK	4.51	268	ePn	29	50.20	-0.7
			eSn	30	40.90	
ESK	4.53	269	ePn	29	50.10	-1.2
			eSn	30	40.40	
EAU	4.64	276	ePn	29	50.70	-2.1
EBH	4.68	281	ePn	29	53.40	-0.1
KONO	4.81	31	eP	30	12.30	17.1X
ELO	4.82	284	ePn	29	56.20	0.8
UCC	4.84	183	eP	30	29.30	33.7X
			pP	51	13.00	
			e	54	35.00	
			SKS	00	58.00	
			S	01	58.00	
XDE	4.86	260	ePn	29	56.70	0.7
ASK	4.88	3	ePn	29	57.00	0.8
			eSn	30	51.50	
BNS	4.89	162	ePn	29	56.50	0.2
			eS	30	52.00	
ENN	4.91	171	ePn	29	56.00	-0.7
	0.8s		6.00nm			
			ePg	30	25.00	
MEM	5.08	171	Pc	29	58.20	-0.8
			e	30	31.30	
EAB	5.14	280	e(Pn)	29	59.90	0.0
			e(Sn)	30	57.00	
DOU	5.53	181	Pn	30	02.20	-3.3X
Z	10s		0.50um			
			PP	30	07.30	
			Sn	30	57.10	
HYA	5.61	7	ePn	30	07.30	0.7
			eSn	31	07.40	
TNS	5.85	156	ePn	30	09.80	-0.2
			eSn	31	14.40	
WLF	6.03	171	eP	30	26.00	13.7X
MOX	6.47	137	e(P)	30	30.00	11.3X
CLL	6.55	128	eP	30	19.00	-0.8
			e	32	16.00	
GWF	6.88	164	eP	30	28.00	3.5X
GRF	7.12	144	ePg	30	14.00	-13.8X
			e(Sg)	31	50.00	
PRU	8.19	129	eP	30	44.00	1.3
Z	12s		0.40um			
N	13s		0.40um			
E	13s		0.40um			
			e	32	23.00	
			eS	33	26.00	
			e	34	24.00	
GRC	8.40	188	iPc	31	04.20	18.5X
KSP	8.42	120	eP	30	45.00	-0.9
KMC	8.45	137	P	30	46.50	0.1
Z	13s		0.50um			
			e	31	03.00	
KBA	10.10	144	iP	31	11.60	2.4
	0.5s		2.90nm			5.0mb X
KRA	10.74	115	eP	31	16.50	-1.4
			e	31	24.00	
NUR	11.60	57	eP	31	30.00	0.4
			e	33	32.00	
SUF	13.03	48	eP	31	47.00	-1.7
KJF	14.29	44	eP	32	09.00	3.7X
			e	34	45.00	
S.D. = 1.2			on	31	of 43 obs.	

JUN 10, 1985 15h 37m 00.99± 0.27s

27.958 S ± 2.7km 66.995 W ± 3.9km
DEPTH = 151.4 ± 2.5 km
5.8mb (72 obs.)

CATAMARCA PROVINCE, ARGENTINA (130)

Felt (V) in the Bonete de los Punillos area. Felt in parts of Jujuy, San Juan, Mendoza and La Riojo Provinces. Felt (IV) at Copiopo, Chile.

FAULT PLANE SOLUTION: P-Waves
NP1:Strike=325 Dip=75 Slip= -90
NP2: 145 15 -90
Principal Axes:
T Plg=30 Azm= 55
P 60 235
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.

MOMENT TENSOR SOLUTION
Dep 201 No. of sto: 12
Moment Tensor; Scale 10**25 d-cm
Mrr=-2.34 Mtt= 3.57
Mff=-1.22 Mrt=-0.28
Mrf=-2.82 Mtf=-2.84
Principal axes:
T Val= 5.02 Plg= 8 Azm= 28
N 0.15 45 126
P -5.17 44 290
Best Double Couple:Mo=5.1*10**25
NP1:Strike= 79 Dip=53 Slip=-151
NP2: 331 67 -40

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 47C
Centroid Location:
Origin Time 15:37: 8.8 0.1
Lat 27.88S 0.02 Lon 66.64W 0.02
Dep 170.2 0.7 Half-duration 5.8
Moment Tensor; Scale 10**25 D-CM
Mrr=-2.82 0.05 Mtt= 0.67 0.08
Mff= 2.16 0.08 Mrt= 1.58 0.05
Mrf=-1.09 0.05 Mtf=-2.50 0.07
Principal Axes:
T Val= 4.47 Plg=14 Azm= 52
N -1.04 14 318
P -3.43 70 185
Best Double Couple:Mo=3.9*10**25
NP1:Strike=161 Dip=33 Slip= -64
NP2: 310 61 -106

CYA	1.17	115	i(P)	37	29.00	1.3
FSA	2.06	25	iPd	37	39.00	1.7
SLA	3.49	23	iPc	37	57.00	1.6
			S	38	36.00	
RTLL	3.60	201	iPc	37	57.30	0.6
RTCB	3.85	204	iPc	38	01.00	0.9
ZON	3.86	202	iPc	38	32.00	31.8X
TCA	3.97	149	iPc	38	00.90	-0.7
RTCV	4.11	199	iPc	38	03.80	0.3
MDZ	5.16	198	iP	38	18.20	0.7
ANT	5.24	323	iPd	38	19.20	0.8
			eS	39	15.00	
JACH	5.64	213	iPd	38	24.90	1.0
YJA	5.92	14	iPc	38	29.00	1.0
FCH	6.06	207	ePc	38	29.80	0.1
PEL	6.07	211	iPc+	38	28.60	-1.0
ROCH	6.08	214	iPc	38	28.50	-1.4
BACH	6.16	208	iPc	38	31.00	0.1
SAN	6.32	209	iPc	38	32.10	-0.9
			iS	39	33.70	
PCH	6.40	207	ePd	38	33.50	-0.7
TACH	6.61	210	ePd	38	35.00	-1.9
TPZ	6.65	346	iPc	38	38.20	0.4
CHCH	6.73	207	iPd	38	38.10	-0.5
RFA	6.91	190	ePc	38	39.00	-2.0
			S	39	46.30	
LNV	7.08	211	iPd	38	40.00	-3.2X
LPA	10.39	134	ePd-	39	23.00	-4.0X
	1.0s		2000.00nm			6.7mb
VBA	10.91	159	ePc	39	30.20	-3.8X
CNCB	11.13	355	iP	39	36.20	-1.2
LPB	11.42	355	eP+	39	38.00	-3.0X
			i	39	41.30	
			LR	42	40.00	
ZOBO	11.68	355	ePc	39	42.50	-2.1

ITB1	11.78	77	eP	39	41.40	-3.9X
ITB7	11.82	79	e(P)	39	49.40	3.5X
ITB	11.89	78	P	39	46.60	-0.2
NNA	18.37	328	iPd	41	07.20	0.3
VAO	18.74	79	iP	41	06.20	-4.6X
			i	41	34.10	
PSO	30.63	339	iP	43	03.50	0.0
SOB1	30.86	58	eP	42	59.60	-5.5X
ITR	33.02	60	iPc	43	17.60	-6.3X
			i	43	19.80	
BOG	33.10	347	eP	43	24.50	-0.4
			eS	48	20.00	
FUQ	33.86	348	eP	43	32.00	0.6
GIE	35.09	317	iP	43	43.00	1.5
			iS	49	06.00	
BMG	35.32	350	eP	43	36.00	-7.5X
UAV	36.57	353	eP	43	54.40	0.2
SDV	36.79	354	iPc	43	55.60	-0.4
	0.3s		50.00nm			5.7mb
AIA	37.34	178	eP	44	01.50	1.6
TOV	37.62	355	eP	44	00.50	-2.3
LGN	38.10	353	iP	44	07.80	1.1
CAR	38.24	0	iPd	44	05.30	-2.7
	0.6s		66.67nm			5.5mb
UPA	38.67	340	ePd	44	13.80	2.3
	1.1s		194.94nm			5.7mb
Z	18s		9.62um			5.7Msz
			pP	44	53.00	182kmX
			i	46	21.00	
			S	49	54.00	
TRN	38.76	9	eP	44	12.40	0.2
	1.1s		564.90nm			6.2mb
SJG	45.80	1	iP	45	03.00	-6.3X
GCM	48.99	342	P	45	34.20	0.2
			eS	46	13.00	
PBJ	52.01	325	iPc	45	58.00	1.0
VHO	53.37	324	iPc	46	06.00	-1.2
SNA	55.46	158	iPd	46	18.50	-3.1X
	0.8s		534.33nm			6.5mb
III	55.77	322	eP	46	24.50	-0.1
TPM	56.04	323	iPc	46	27.50	0.9
OXM	56.64	322	iPc	46	33.00	2.0
IIC	56.79	323	iPc	46	33.00	1.0
RKT	60.83	258	iP	46	59.30	-0.2
	0.8s		20.00nm			5.1mb
SPA	62.20	180	iPd	47	06.90	-1.5
Z	18s		1.88um			5.3Msz
			i	49	11.60	
			e	55	26.30	
			e	15	56.50	
PRM	63.40	346	eP	47	13.90	-2.4
GFM	65.24	347	P	47	25.90	-2.5
RSCP	65.61	343	eP	47	28.30	-2.3
JCT	66.01	329	iP	47	32.00	-1.3
	1.0s		240.00nm			6.1mb
BLA	66.04	348	eP	47	32.00	-1.3
	1.2s		190.63nm			5.9mb
LTX	66.91	325	iP	47	38.00	-1.1
	0.8s		23.65nm			5.1mb
BHO	67.38	335	iPd	47	40.20	-1.6
			i	47	41.70	
GMTN	68.81	354	iP	47	50.80	0.3
			i	48	32.90	
PAL	68.91	354	P	47	51.00	-0.1
KIC	69.02	70	iP	47	47.70	-4.7X
			e	48	31.90	
			S	57	32.80	
RLO	69.03	336	iPd	47	50.10	-1.9
TUL	69.08	335	eP-	47	50.50	-1.8
	1.0s		374.00nm			6.2mb
Z	22s		1.78um			5.3Msz
N	23s		0.62um			
E	18s		1.42um			
			eS	56	43.50	
FVM	69.17	340	eP	47	50.40	-2.4
OCO	69.38	334	eP	47	53.80	-0.3
SBA	69.82	190	eP	47	55.80	-0.5
	1.0s		19.00nm			4.9mb
			i	47	57.50	
			e	15	45.50	
UTO	70.95	347	ePd	48	03.60	0.1
DLA	71.73	349	P	48	05.30	-2.8X
LDN	71.84	349	P	48	06.10	-2.7
ELF	72.01	349	P	48	07.10	-2.7
CHI	72.08	344	P	48	10.00	-0.2
RSNY	72.48	354	eP	48	11.00	-1.5
	0.6s		103.48nm			5.7mb

ALQ 72.83 327 P 48 15.00 0.0
1.0s 125.00nm 5.6mb
TBI 73.12 252 iP 48 07.00 -9.7X
1.2s 270.00nm 5.9mb
MNT 73.36 355 iPd 48 16.00 -1.5
0.4s 125.00nm 6.0mb
OTT 73.43 354 eP 48 18.50 0.6
0.5s 40.00nm 5.4mb
RUV 74 69 261 iP 48 26.80 0.9
1.2s 165.00nm 5.6mb
VAH 74.89 261 iP 48 28.00 1.0
1.2s 205.00nm 5.7mb
TPT 74.98 261 iP 48 28.80 1.2
1.2s 260.00nm 5.8mb
PMO 75.22 261 iP 48 29.90 1.0
1.2s 205.00nm 5.7mb
TVO 75.22 258 iP 48 30.00 1.0
1.2s 400.00nm 6.0mb
PPN 75.48 258 iP 48 31.00 0.6
1.2s 105.00nm 5.4mb
PAE 75.55 258 iP 48 31.40 0.6
1.2s 425.00nm 6.0mb
PPT 75.59 258 iP 48 31.90 0.9
1.2s 450.00nm 6.1mb
AFR 75.78 258 iP 48 32.70 0.7
1.2s 295.00nm 5.9mb
GLA 75.78 320 eP 48 31.00 -0.8
GOL 76.21 330 eP 48 33.50 -0.9
0.8s 36.01nm 5.2mb
STJ 76.27 10 eP 48 34.00 -0.1
1.0s 402.00nm 6.1mb
RMU 76.75 325 eP 48 37.30 0.0
SLBC 77.16 318 eP 48 41.00 1.7
PLM 77.17 319 eP 48 41.00 1.3
TPC 77.25 320 eP 48 40.00 0.1
MAW 77.67 162 iPd 48 40.40 -1.3
SDW 78.20 320 P 48 44.80 -0.4
MWC 78.49 319 eP 48 46.00 -0.9
e 49 32.00
PAS 78.50 319 eP 48 48.00 1.3
GSC 78.54 320 eP 48 47.00 -0.1
e 49 33.00
LHC 78.61 345 eP 48 45.00 -2.0
0.6s 134.00nm 5.8mb
pP 49 31.00 189kmX
RSSD 79.34 334 eP 48 51.70 0.4
CLC 79.36 320 eP 48 51.00 -0.4
SWZ 79.63 115 iPc 48 50.60 -2.7
0.6s 176.67nm 6.0mb
ISA 79.75 320 eP 48 55.00 1.5
e 49 40.00
BDW 80.56 330 eP 48 56.60 -1.2
BFS 80.92 116 iPc 48 57.20 -2.9
1.0s 582.00nm 6.3mb
SEK 80 95 117 iPc 48 57.80 -2.5
1.0s 288.00nm 6.0mb
EUR 81.14 324 iP 49 00.30 -0.7
PRI 81.35 319 eP 49 02.70 0.7
FRI 81.39 320 eP 49 01.00 -1.0
eSKPP 19 50.60
KSR 81.47 115 iPc 49 01.00 -2.0
1 0s 439.00nm 6.1mb
MNA 81.55 322 ePc 49 03.10 0.1
epP 49 47.80 182kmX
e 15 43.20
eSKPP 19 51.10
LLA 81 84 319 eP 49 04.50 0.1
epP 49 49.00 181kmX
PRS 81.90 318 eP 49 04.80 0.1
epP 49 50.00 184kmX
RSON 81.95 343 eP 49 03.20 -1.4
0.9s 116.39nm 5.6mb
SCH 82.43 0 eP 49 05.10 -1.9
1.0s 111.00nm 5.6mb
JAS1 82.45 320 eP 49 07.30 -0.2
ipP 49 52.20 182kmX
eSKPP 19 17.10
BMN 82.49 324 eP 49 08.10 0.3
1.0s 14.00nm 4.7mb X
SLR 82.65 115 iPd 49 06.20 -2.9
0.5s 246.48nm 6.3mb
Z 19s 2.26um 5.6Msz
S 59 09.60
ARN 82.69 319 P 49 08.50 -0.3
pP 49 54.00 185kmX
GCC 82.74 319 eP 49 09.10 0.1
epP 49 53.50 180kmX

MHC 82.75 319 ePc 49 09.40 0.2
epP 49 54.00 181kmX
EVA 82.93 116 iPc 49 09.00 -1.6
1.3s 846.15nm 6.4mb
AVE 83.09 47 iP 49 09.00 -1.9
i 49 34.50
PCC 83.28 319 eP 49 11.40 -0.3
BKS 83.45 319 eP 49 14.00 1.4
1.5s 133.00nm 5.5mb
Z 20s 0.80um 5.1Msz
N 20s 1.10um
E 20s 1.10um
e 49 36.00
i(SKS) 59 25.00
e(SKKS 00 36.00
e(SS) 05 18.00
eLR 12 06.00
DRV 83.47 190 eP 49 12.50 0.2
eS 59 20.00
BRK 83.47 319 eP 49 12.50 -0.1
epP 49 57.00 180kmX
ORV 84.19 321 eP 49 16.30 0.0
epP 50 00.00 176kmX
LRM 84.23 330 eP 49 16.20 -0.4
i 49 18.60
e 50 02.10
WDC 85.47 321 eP 49 20.90 -1.7
epP 50 05.60 180kmX
BUL 85.50 110 iPc 49 21.90 -1.6
0.7s 174.66nm 6.0mb
ipP 50 04.50 171kmX
iS 59 34.40
ePKKP 07 27.00
LIS 85.54 42 iPd 49 23.10 0.1
FHC 86.43 320 eP 49 27.70 0.3
MAL 87.16 46 iPc 49 30.30 -0.6
iS 59 43.00
TAF 87.28 48 iP 49 34.00 2.3
i 49 56.00
i 50 36.00
LHD 87.46 330 eP 49 31.30 -0.9
iS 50 16.70
LDM 87.50 330 iP- 49 31.70 -0.7
iS 50 17.30
FFC 87.68 341 eP 49 32.00 -1.0
1.0s 89.00nm 5.7mb
RXF 87.73 331 iP- 49 32.70 -0.8
iS 50 17.70
KRI 87.90 108 iPc 49 34.00 -1.2
ipP 50 17.00 171kmX
iS 00 04.00
iPKKP 07 20.00
CRT 87.96 46 iPc 49 35.00 0.2
YKM 87.98 330 iP- 49 34.00 -0.8
iS 50 18.70
BCAO 88 11 84 eP 49 34.20 -1.9
BNG 88.12 84 iPc 49 34.20 -1.9
1.5s 65.00nm 5.4mb
i 49 58.70
i 59 50.30
NEW 88.17 329 eP 49 35.00 -0.6
ALM 88.48 46 eP 49 38.30 1.1
COR 88.60 324 iPc 49 38.00 0.4
STS 88.62 39 eP 49 38.00 0.2
TOL 89.33 43 eP 49 41.00 -0.2
ipP 50 22.00 162kmX
ePP 53 40.00
iS 59 58.00
i 01 01.00
iPS 01 18.00
iSS 06 18.00
MTD 89.58 109 iPc 49 42.00 -1.0
ipP 50 26.00 175kmX
eS 00 20.00
ePKKP 07 15.00
PNT 90.07 329 eP 49 45.00 0.6
0.6s 24.00nm 5.4mb
GNZ 90.14 225 P 49 48.00 2.8X
pP 50 37.00 197kmX
EDM 90.32 334 iPd 49 43.50 -2.0
pP 50 29.00 182kmX
MNG 90.50 222 P 49 48.00 1.2
i 50 06.00
pP 50 33.00 180kmX
i 50 36.00
e 51 25.00
WEL 90.51 222 P 49 49.60 2.8X

pP 50 46.00 230kmX
(pPP) 54 22.00
S 00 32.00
(PS) 01 20.00
(PS) 02 12.00
(PS) 02 24.00
ALI 90.63 46 eP 49 47.50 0.3
eS 59 46.00
FRB 91.40 359 ePc 49 50.00 -0.1
PGC 91.43 326 eP 49 52.00 1.4
TET 91.55 109 iP 49 53.00 1.0
ipP 50 36.00 171kmX
eS 00 16.00
LGR 91.82 42 eP 49 52.50 -0.1
ipP 50 38.50 184kmX
ePP 54 13.00
iS 00 45.00
MSZ 92.07 216 P 49 54.50 0.6
KRP 92.13 225 P 49 55.60 1.2
e 50 37.00
pP 50 41.80 185kmX
i 50 57.80
EBR 92.67 45 eP 50 00.00 3.5X
eS 00 16.00
e 00 52.00
VAL 93.78 31 PKP 50 02.00 0.7
S 59 40.00
PS 00 20.00
MLS 94.26 43 ePd 50 02.60 -1.2
RJF 95.84 41 iPc 50 11.20 0.2
pP 50 53.50 167kmX
CAF 95.95 42 iPc 50 11.80 0.2
0.8s 26.80nm 5.7mb
LPF 95.96 38 iPc 50 11.40 0.0
1.0s 37.00nm 5.8mb
GRR 96.26 38 iPc 50 12.80 0.0
1.0s 46.10nm 5.9mb
DLE 96.37 32 iPc 50 12.80 -0.4
0.9s 105.00nm 6.3mb
LSF 96.38 41 iPc 50 13.60 0.2
1.0s 55.50nm 5.9mb
FLN 96.68 38 iPc 50 14.80 0.1
1.0s 36.00nm 5.8mb
pP 50 57.40 169kmX
LDF 96.78 38 iPc 50 15.20 0.1
1.0s 32.00nm 5.7mb
TCF 96.79 41 iPc 50 15.40 0.1
0.9s 22.70nm 5.6mb
pP 50 57.60 167kmX
MZF 96.97 41 iPc 50 16.40 0.3
1.0s 20.30nm 5.5mb
BGF 97.31 41 iPc 50 18.00 0.4
0.9s 42.50nm 5.9mb
GDH 97.42 5 eP- 50 20.00 2.5
i 00 40.00
CDR 97.51 44 ePc 50 19.50 0.9
AVF 97.72 41 iPc 50 19.80 0.4
1.2s 47.70nm 5.9mb
LRG 97.76 45 iPc 50 20.40 0.7
YKC 97.77 340 eP 50 18.00 -1.3
0.8s 34.00nm 5.9mb
LMR 97.79 45 iPc 50 20.40 0.6
1.0s 132.00nm 6.4mb
YKA 97.82 340 eP 50 18.90 -0.6
SMF 97.93 41 iPc 50 20.90 0.5
pP 51 03.40 168kmX
SSF 97.96 41 iPc 50 20.40 -0.1
0.9s 32.70nm 5.9mb
FRF 98.00 45 iPc 50 21.50 0.8
1.0s 78.20nm 6.2mb
L8F 98.19 41 iPc 50 21.40 -0.2
0.9s 30.30nm 5.8mb
LOR 98.27 41 iPc 50 21.60 -0.3
0.9s 36.60nm 5.9mb
pP 51 04.00 168kmX
LPG 99.05 43 iPc 50 26.60 0.7
EAB 99.18 30 ePc 50 26.00 0.2
1.0s 16.00nm 5.5mb
EKA 99.20 31 Pd 50 25.80 -0.1
1.1s 34.30nm 5.8mb
EAU 99.37 31 ePc 50 26.10 -0.6
EMS 99.45 43 eP+ 50 28.40 0.8
EBL 99.51 31 ePc 50 28.80 1.5
E8H 99.59 30 iPc 50 27.20 -0.5
1.0s 31.00nm 5.8mb
ELO 99.63 30 iPc 50 27.60 -0.3
1.0s 57.00nm 6.1mb

15d 15h

D·ɪ 99.75 43 eP+ 50 29.80 0.8
ESr 99.79 31 iPc 50 28.00 -0.6
1.0s 33.00nm 5.8mb
EDU 99.99 30 iPc 50 29.20 -0.2
1.0s 44.00nm 5.9mb
MMK 100.07 43 ePdiff50 31.10 0.5
HAU 100.09 41 iPdiff50 30.20 -0.1
DOU 100.19 38 Pdiff 50 32.00 1.4
pP 51 13.00
e 54 33.10
SKS 00 54.00
SP 03 30.00
BSF 100.26 41 iPdiff50 31.00 -0.2
1.0s 37.00nm 5.9mb
WLF 100.83 39 Pdiffc50 34.10 0.6
PP 54 50.80
SKS 01 00.00
SKKS 01 35.00
S 02 01.00
SP 03 31.00
CDF 100.84 41 iPdiff50 33.60 -0.1
0.8s 21.40nm 5.8mb
pP 51 16.10
ZUL 101.03 42 ePdiff50 35.00 0.5
LLS 101.09 43 ePdiff50 35.50 0.5
MEM 101.23 38 Pdiff 50 38.00 2.8X
e 54 40.90
SLE 101.23 42 ePdiff50 35.50 0.1
ENN 101.26 38 ePdiff50 35.00 -0.4
e 50 38.50
e(pP) 51 11.00
ePP 54 42.00
GWF 101.32 40 ePdiff50 35.60 -0.1
SAX 101.48 42 ePdiff50 37.20 0.3
OSS 101 69 43 ePdiff50 37.60 -0.1
WTS 102.36 37 ePdiff50 41.00 0.8
1.0s 14.00nm 5.7mb
epP 51 18.00
ePP 54 54.00
TNS 102.39 40 ePdiff50 40.80 0.3
e 54 50.00
TRI 103.48 45 ePdiff50 46.00 0.6
epP 51 25.00
iPP 54 59.00
ipPP 55 38.00
iSKS 01 11.00
i 01 47.00
iS 02 24.00
iPS 03 59.00
iPPS 05 12.00
iSS 09 44.00
isSS 10 50.00
eSSS 13 16.00
esSSS 14 28.00
VOY 103.71 45 e(Pdif50 48.00 1.5
GRF 103.73 41 ePdiff50 47.40 1.0
1.3s 29.00nm 6.0mb
Z 19s 1.00um 5.4Msz
KBA 103.83 44 ePdiff50 44.00 -3.1X
1.1s 27.20nm 6.1mb
i 50 47.70
i 50 50.90
i 55 00.80
LJU 104.11 45 ePdiff50 50.00 1.8
epP 51 30.00
MOX 104.38 40 ePdiff50 51.00 1.7
Z 18s 2.00um 5.7Msz
N 19s 0.50um
E 19s 1.50um
epP 51 30.00
e 54 28.00
ePP 55 05.00
iSKS 01 17.00
eSKKS 02 00.00
eS 02 30.00
eSP 04 00.00
e 05 00.00
ePKKP 06 36.50
e 06 56.00
KMR 104.73 43 e(Pdif50 52.00 1.1
i 55 06.00
e 03 54.00
KHC 104.86 42 Pdiff 50 52.30 0.8
Z 17s 0.80um 5.3MszX
N 16s 0.50um
E 17s 0.70um
e 51 24.10

e 55 08.00
S 01 17.00
CLL 105.46 40 iPdiff50 55.20 1.2
1.1s 14.00nm 6.0mb
Z 19s 2.00um 5.7Msz
epP 51 37.00
PKKP 06 50.00
PRU 105.79 42 ePdiff50 56.00 0.5
Z 19s 2.10um 5.7Msz
N 20s 0.60um
E 20s 1.30um
iS 01 22.00
VKA 106.15 44 ePKP 54 46.00 -22.4X
Z 10s 1.64um 5.9MszX
e 55 16.00
OHR 106.24 52 ePKP 55 14.30 5.4X
ZST 106.60 44 e(Pdif51 06.00 6.8X
e 54 32.50
SKO 107.02 51 ePdiff51 08.00 6.8X
Z 19s 3.30um 5.9Msz
N 19s 1.44um
E 19s 2.13um
i 55 23.00
i 56 01.00
iS 01 15.00
i 02 10.00
INK 107.56 339 ePdiff51 05.00 2.1X
VAY 107.56 52 ePdiff51 05.50 1.9
e 53 34.50
i 55 29.50
i 56 10.40
DAG 108.55 10 iPdiff51 06.00 -1.2
1.1s 7.59nm 5.8mb
i 04 40.00
NB2 108.63 30 PKP 55 13.20 0.5
0.9s 5.40nm
MBC 108.88 348 ePdiff51 12.00 3.4X
MBC 108.88 348 ePKP 55 13.00 0.3
HFS 109.40 32 ePKP 55 12.80 -1.3
0.8s 5.40nm
TOA 109.48 331 e(PKP)55 15.00 0.7
UPP 111.15 33 iPKP 55 01.00 -16.4X
iPP 55 51.30
SVW 113.41 328 e(PKP)55 24.00 2.2X
JER 113.80 65 e(PKP)55 20.00 -3.5X
IMA 113.89 334 e(PKP)55 23.50 0.8
0.7s 3.60nm
TTA 114.06 330 e(PKP)55 23.90 0.8
NUR 114.70 33 ePKP 55 20.00 -4.2X
0.8s 23.50nm
i 55 23.90
iPP 56 09.20
eSKS 01 56.00
eS 03 06.00
eSP 05 36.00
eSPP 06 52.00
ePPS 07 56.00
HRI 114.71 64 ePKP 55 25.30 0.0
SUF 115.87 31 iPKP 55 23.70 -2.7X
0.6s 15.20nm
SOD 116.85 26 iPKP 55 27.50 -0.6
SOD 116.85 26 ePKP 55 20.00 -8.1X
i 55 27.50
iPP 56 16.70
KEV 117.30 23 ePKP 55 28.00 -0.9
e 55 34.00
ePP 56 16.00
e 56 41.00
eSKS 02 06.00
eS 03 24.00
eSP 06 12.00
eSS 12 40.00
RTB 118.31 66 ePKPc 55 33.00 1.0
e 56 17.50
eS 02 17.00
e 03 13.00
e 03 38.00
NWAO 119.32 184 ePKP 55 34.00 0.1
Z 20s 1.00um 5.4Msz
N 20s 0.60um
E 20s 0.40um
MUN 120.32 183 ePKP 55 33.00 -2.9X
KLB 120.61 185 ePKP 55 34.00 -2.4X
MSL 121.42 63 ePKP 55 39.50 1.7
e 56 22.00
BAL 121.66 184 ePKP 55 35.00 -3.4X
CTA 122.42 218 iPKPd 55 40.00 -0.2

1.1s 39.24nm
i 56 27.80
i 57 18.00
i 58 14.00
i 03 40.00
i 05 37.00
i 07 54.00
i 09 30.20
i 14 08.00
MRWA 123.08 183 ePKP 55 38.00 -3.2X
ADK 123.41 316 ePKPc 55 40.80 -0.3
TAB 124.25 61 ePKP 55 44.00 0.6
e 56 27.00
WBN 124.65 195 ePKP 55 42.00 -2.4X
0.7s 40.00nm
ASPA 124.86 203 iPKPd 55 42.50 -2.4X
0.8s 136.00nm
e 03 46.00
e 09 13.00
MEK 125.48 186 ePKP 55 43.00 -3.0X
SHI 127.51 73 ePKP 55 48.00 -2.0
WRA 128.10 206 PKPd 56 03.60 12.4X
0.6s 16.10nm
PMG 130.29 227 e(PKP)55 55.00 -0.4
RAB 130.56 236 e(PKP)55 48.00 -8.0X
MBL 130.73 188 ePKP 55 53.00 -3.1X
MOM 135.48 234 e(PKP)56 03.00 -2.3X
QUE 139.89 75 ePKP 56 05.00 -8.4X
KOD 142.26 111 ePKP 56 14.00 -4.1X
POO 142.95 96 iPKP 56 15.50 -3.3X
GBA 143.96 106 PKPd 56 15.80 -4.7X
0.5s 26.30nm
TRT 144.55 179 iPKPd 56 19.50 -2.1
LEM 145.03 171 ePKPc 56 22.00 -0.6
MKS 146.43 192 iPKPc 56 24.00 -0.8
HYB 146.63 101 iPKPc 56 25.30 0.3
0.9s 575.00nm
i 57 10.00
GUA 147.02 251 ePKP 56 26.20 0.6
0.8s 340.30nm
GUMO 147.08 251 ePKP 56 26.10 0.4
PJG 147.08 251 ePKP 56 26.20 0.5
KSH 147.35 60 iPKPd 56 27.00 1.3
pPKP 57 13.00
NDI 148.56 80 iPKPd 56 28.50 0.7
1.0s 40.00nm
ePcP 57 13.00
eS 06 34.00
PPI 149.27 155 ePKP 56 29.00 -0.3
0.7s 77.20nm
VIS 150.86 104 ePKP 56 46.00 14.5X
PSI 151.51 149 ePKPd 56 33.40 0.8
0.8s 63.20nm
e 01 17.50
TSI 152.05 148 ePKPc 56 34.50 1.1
KGM 152.59 159 ePKPc 56 34.40 0.2
i 56 41.70
i 57 25.30
IPM 154.10 152 ePKPd 56 36.20 -0.1
1.0s 50.50nm
i 56 45.00
e 57 29.00
WMO 154.24 45 PKP 56 35.00 -0.7
e 57 00.80
SKKS 07 08.40
DMN 155.33 84 ePKP 56 38.30 0.4
0.9s 37.00nm
KKN 155.51 84 ePKP 56 38.30 0.2
PKI 155.59 84 ePKP 56 38.40 0.0
SNG 156.23 148 ePKP 56 40.00 0.9
MAT 157.08 298 iPKPd 56 39.10 -0.5
KKM 157.99 189 ePKPc 56 42.60 1.2
MDJ 158.73 326 PKPd 56 40.50 -0.7
e 57 18.00
pPKP 57 25.00
e 58 00.00
PP 01 00.00
LSA 160.77 80 PKP 56 43.60 -0.9
e 57 29.00
SHL 160.99 92 iPKP 56 45.00 0.6
iS 07 37.00
KHT 161.27 131 ePKP 56 45.70 1.0
e 57 29.50
CN2 161.28 331 PKPd 56 43.40 -0.5
pPKP 57 25.00
e 57 29.50
e 58 11.00

			PKS	00	16.00	
			PP	01	11.00	
			SKKS	07	41.00	
SHK	161.96	296	iPKPc	56	46.50	1 6
NST	162 92	133	ePKP	56	47.00	0.7
SNY	163 69	331	iPKPd	56	47.00	0.6
			pPKP	57	30.00	
			e	57	42.20	
			e	58	24.00	
			SKKS	07	56.00	
GTA	164.18	40	PKP	56	46.60	-0.5
			pPKP	57	33.40	
			PP	01	30.90	
			iSKKS	07	57.00	
			SS	21	42.00	
CHTO	164.22	122	iPKPd	56	48.90	1.3
	0.9s	23.87nm				
			pP	57	33.70	
LOE	165.23	133	ePKP	56	47.00	-1.5
BAG	166.54	213	ePKP+	56	38.00	-11.8X
DL2	166.93	329	ePKP	56	49.30	0.1
HHC	167.09	5	iPKPd	56	50.20	0.8
			pPKP	57	34.50	
BTO	167.15	10	iPKPd	56	51.00	1.5
			ipPKP	57	33.00	
			i	57	56.00	
			i	58	38.00	
			PP	01	45.00	
			SKKS	08	14.00	
			SS	22	12.00	
BJI	167.67	349	ePKP	56	50.00	0.3
			epPKP	57	36.00	
LZH	168.78	41	iPKPc	56	52.00	1.2
	2.5s	284.00nm				
	E 11s	1.10um				
			pPKP	57	35.50	
			PP	01	52.00	
			SKKS	08	21.00	
TIY	170.26	3	ePKP	56	52.30	0.9
			pPKP	57	38.00	
			e	58	07.50	
			PP	01	59.50	
			SKKS	08	32.00	
KMI	170.39	105	PKPd-	56	53.00	0.9
	6.0s	1.50nm				
			sPKP	57	38.00	
QIZ	170.65	161	PKP	56	53.40	1.4
			pPKP	57	37.00	
			e	58	11.50	
			e	58	54.00	
			PP	01	56.50	
TIA	171.05	338	PKPd	56	52.60	0.8
			pPKP	57	37.00	
			sPKP	57	55.40	
			e	58	12.70	
			e	58	54.00	
			PP	02	02.50	
CD2	171.42	68	iPKPd	56	53.40	1.2
			ipPKP	57	40.00	
			e	58	14.50	
			PP	02	06.00	
			SKKS	08	33.00	
ANP	171.89	252	ePKP	56	54.00	1.5
SSE	172.22	296	iPKP-	56	53.00	0.7
	7.0s	1.40nm				
			pPKP	57	37.00	
			sPKP	57	52.00	
XAN	173.00	29	PKPd	56	53.60	0.9
			pPKP	57	37.40	
			SKKS	08	44.00	
NJ2	173.49	310	PKPd	56	54.00	1.2
			pPKP	57	35.00	
			e	58	25.00	
			e	59	07.00	
			PP	02	14.50	
			pPP	02	57.00	
			SKKS	08	44.50	
GYA	174.16	103	PKPd	56	54.00	0.6
			pPKP	57	40.00	
			e	58	26.00	
			e	59	07.00	
			PP	02	22.00	
			SKKS	08	49.00	
			SS	23	29.00	
QZH	174.16	240	PKPd	56	55.00	1.7
			pPKP	57	40.00	
			e	58	27.00	
			e	59	13.00	
			PP	02	05.00	
HKC	174.27	191	ePKP	56	55.00	1.6
			ePP	02	19.00	
GZH	175.14	184	ePKP	56	52.00	-1.6
			pPKP	57	38.00	
			e	58	33.00	
			PP	02	15.00	
			pPP	03	00.00	
WHN	177.17	336	ePKP	56	55.00	1.2
			pPKP	57	40.00	
			e	58	38.00	
			PP	02	32.00	

S.D. = 1.1 on 281 of 331 obs.

JUN 10, 1985 16h 53m 45.53± 0.81s
39.485 N ± 8.9km 26.043 E ± 5.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.40	33	iPg	53	52.10	-1.7
			iSg	53	56.10	
KGT	1.37	45	iPn	54	11.90	1.3
IZM	1.44	138	iPn	54	10.90	-0.8
MFT	1.61	36	iPn	54	16.40	2.3
EDC	1.64	58	iPn	54	14.40	-0.1
OUR	1.80	299	ePb	54	17.20	0.4
PAIG	1.88	284	ePb	54	19.20	1.3
			eSb	54	47.60	
DST	2.00	86	iPn	54	19.30	-0.5
KDZ	2.22	346	iP	54	22.00	-0.9
			iS	54	47.00	
SRS	2.48	312	ePbc	54	26.70	0.0
			eSn	55	05.60	
DIM	2.58	352	eP	54	27.00	-1.0
MMB	2.74	321	iPd	54	30.00	-0.4
PLD	2.81	339	eP	54	40.00	8.7X
YER	2.93	142	ePn	54	42.20	9.1X
JMB	3.01	8	eP	54	40.00	6.0X
GRG	3.15	299	ePb	54	34.80	-1.4
VAY	3.22	306	ePn	54	47.00	9.8X
GPA	3.38	75	ePn	54	40.00	0.6
PVL	3.72	350	eP	54	48.00	3.8X
VTS	3.78	326	eP	54	46.00	0.9
			iS	55	28.00	

S.D. = 1.2 on 15 of 20 obs.

& JUN 10, 1985 19h 15m 05.70s
59.824 N 152.910 W
DEPTH = 91.7km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.36	7	iP	15	19.25	-0.7
			iS	15	30.37	
AUL	0.52	211	iP	15	19.86	-1.1
			iS	15	32.04	
AUH	0.54	211	eP	15	20.17	-1.0
RDT	0.79	18	iP	15	23.04	-0.6
BRLK	1.03	92	iP	15	25.17	-1.0
NKA	1.24	41	eP	15	29.77	1.1
SPU	1.43	17	eP	15	30.71	-0.3
CRP	1.50	14	eP	15	31.63	-0.4
SLKM	1.51	62	eP	15	31.33	-0.8
CGLM	1.55	16	iP	15	32.36	-0.4
SEW	1.76	79	iP	15	33.93	-1.4
SVW	1.86	315	eP	15	35.38	-1.3
MPA	1.90	68	eP	15	35.74	-1.3
SUA	1.96	32	eP	15	38.12	0.0
KDC	2.09	174	eP	15	37.20	-2.5
PMS	2.18	48	eP	15	40.34	-0.7
PTE	2.20	60	eP	15	39.86	-1.2
SKT	2.27	17	eP	15	41.21	-0.9
PWA	2.36	38	eP	15	42.83	-0.5
KNK	2.71	52	eP	15	46.37	-1.8
GHO	2.76	43	eP	15	47.67	-1.2
MSE	2.79	42	eP	15	47.74	-1.6
CFI	2.89	60	eP	15	48.65	-1.8
SML	3.00	46	eP	15	49.95	-2.1
GLI	3.08	67	eP	15	49.98	-3.2
TTV	3.12	64	eP	15	51.60	-2.2
HIN	3.26	77	iP	15	52.81	-2.9
FID	3.33	71	eP	15	52.95	-3.7
VZW	3.38	66	eP	15	54.50	-2.9
SCM	3.40	51	eP	15	55.51	-2.1
VLZ	3.51	65	eP	15	56.33	-2.7
KLU	3.83	61	iP	16	00.84	-2.7
SGAM	3.91	77	eP	16	01.07	-3.5
TOA	4.00	52	eP	16	04.09	-1.9
KMP	4.23	63	eP	16	06.23	-2.9

35 obs. associated

• JUN 10, 1985 21h 30m 03.18± 1.39s
35.892 N ±12.0km 139.937 E ±15.1km
DEPTH = 33.0km (normal)
NEAR S. COAST OF HONSHU, JAPAN (230)

TOK	0.25	215	iP	30	11.80	1.5
			S	30	20.70	
TSK	0.35	24	iPc	30	11.30	-0.3
SRY	0.61	243	iPd	30	14.80	-0.5
DDR	0.61	280	eP	30	15.80	0.3
OYM	0.74	230	iPd	30	15.80	-1.3
MAT	1.54	295	eP	30	29.00	0.3
			eS	30	54.00	

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

? JUN 10, 1985 22h 19m 30.24± 3.52s
0.529 S ±25.6km 99.487 E ±27.4km
DEPTH = 52.5 ± 29.3 km
3.9mb (1 obs.)
SOUTHERN SUMATERA (274)

PPI	0.91	85	iPc	19	47.30	0.3
			iS	19	58.50	
PSI	3.25	350	iPc	20	19.50	-0.5
TSI	4.11	347	e(P)	20	35.00	3.0X
KGM	4.59	57	eP	20	38.00	-0.8
			i	21	49.00	
IPM	5.30	17	ePd	20	49.90	1.0
			e	22	08.80	
WRA	39.19	122	P	27	03.00	7.8X
	0.6s	1.10nm			3.9mb	
WB2	39.20	122	eP	26	55.30	0.0

S.D. = 1.4 on 5 of 7 obs.

JUN 10, 1985 23h 10m 33.63± 0.68s
18.412 S ± 5.3km 69.173 W ±10.3km
DEPTH = 129.8 ± 7.7 km
4.8mb (3 obs.)
NORTHERN CHILE (123)

CNCB	1.96	36	iP	11	09.50	1.4
ZOBO	2.35	25	iPc	11	13.80	0.7
ARE	2.94	311	iPc	11	18.60	-1.8
			iS	11	50.00	
TPZ	3.07	172	iPc	11	45.80	23.7X
ANT	5.39	192	iP	11	51.30	-1.7
			eS	12	50.50	
SLA	7.16	152	iPc	12	19.00	1.8
FSA	8.18	160	iPd	12	31.50	0.7
TCA	13.52	163	e(P)	13	38.00	-3.4X
JACH	14.27	185	eP	13	51.90	1.8
MDZ	14.41	179	eP	13	56.20	3.4X
ROCH	14.59	186	eP	13	55.20	0.0
PEL	14.73	185	iPd	13	55.60	-1.2
			i	13	57.50	
FCH	14.89	184	ePd	14	01.00	2.0
BACH	14.93	184	eP	13	57.00	-2.2
			i	14	00.90	
SAN	15.04	185	eP	14	01.50	0.9
PCH	15.19	184	eP	14	03.00	0.4
TACH	15.26	186	ePc	14	04.00	0.6
LNV	15.61	187	eP	14	07.50	-0.2
RFA	16.31	178	eP	14	14.60	-1.8
VBA	20.56	164	ePc	15	03.80	0.0
PSO	21.07	337	eP	15	10.00	0.5
VAO	21.26	106	eP	15	09.40	-1.6
			e	15	16.00	
			e	15	23.60	
SOB1	28.91	75	eP	16	20.60	-2.0
	0.7s	17.70nm			4.9mb	
			i	16	21.70	
			i	16	23.20	
			e	16	24.30	
			e	16	36.80	
ITR	31.34	76	eP	16	42.60	-1.5
			e	17	29.30	
SNA	65.05	160	eP	21	01.50	-0.2
KIC	68.12	75	iPc	21	20.40	-1.6
SPA	71.70	180	eP	21	44.90	1.8
	1.0s	23.50nm			4.9mb	
FRB	81.89	0	eP	22	24.00	-15.2X
MAL	82.05	47	iPc	22	42.00	1.3

10d 23h

PGC 82.38 327 eP 22 43.00 0.9
TOL 83.87 45 eP 22 51.00 1.0
LGR 86.15 43 eP 23 00.00 -1.3
BUL 90.77 111 eP 23 25.00 1.2
0.6s 3.33nm 4.7mb
MBC 99.17 349 eP 23 50.00 -10.8X
CTA 128.31 224 iPKPc 29 27.70 0.6
0.8s 4.10nm
WRA 135.45 212 PKPc 29 40.70 0.1
0.6s 5.40nm
GBA 147.58 94 PKPd 30 04.50 2.5X
1.0s 15.60nm
NDI 147.63 65 ePKP 30 02.00 0.2
HYB 149.29 87 ePKP 30 10.00 5.2X
MAT 149.89 312 ePKP 30 10.00 4.9X
S.D. = 1.3 on 32 of 40 obs.

JUN 10, 1985 23h 13m 13.00± 0.35s
13.221 N ± 7.1km 89.994 W ± 6.3km
DEPTH = 33.0km (normal)
4.6mb (20 obs.) 3.8Msz (1 obs.)
EL SALVADOR (73)

COM 3.65 326 iPc 14 11.00 2.2
PBJ 6.13 302 iP 14 40.00 -3.7X
VHO 7.63 302 iPc 15 03.00 -1.9
GCM 10.24 53 P 15 48.00 7.3X
TPM 10.43 305 iPc 15 43.20 -0.3
III 10.46 301 iPc 15 42.00 -2.0
IIC 11.01 307 iPc 15 55.00 3.3X
UPA 11.10 111 eP 15 55.20 2.7X
1.0s 34.00nm 5.5mb
Z 20s 1.24um
GIE 13.87 181 iPc 16 29.00 -0.5
iS 20 02.00
JCT 19.42 334 eP 17 39.50 -0 1
1.0s 30.00nm 4.5mb
LTX 20.45 324 eP 17 51 10 0 6
0.6s 7.91nm 4.3mb
BHO 21.52 349 ePd 18 02.90 1.5
PRM 21.90 17 eP 18 09.20 4 1X
PSCP 22.63 9 eP 18 16 40 4.0X
1.0s 78.00nm 5.1mb
TUL 23.19 348 eP 18 17.90 0.1
0.8s 87.50nm 5.3mb
Z 19s 0.35um 3.8Msz
e 23 43.00
OCO 23.21 344 e(P) 18 18.80 0.8
RLO 23.29 350 eP 18 19.70 0.9
GLA 30.05 315 eP 19 22.00 0.5
TPC 31.49 316 eP 19 34.00 -0.1
PLM 31.63 314 eP 19 35.00 -0 5
RVR 32.34 314 eP 19 40.00 -1.5
GSC 32.68 317 eP 19 41.00 -3.6X
MWC 32.94 314 eP 19 47.00 0 1
SBB 33.03 315 eP 19 28.00 -19 6X
CLC 33.51 317 eP 19 52 00 0 3
BDW 33.97 334 eP 19 54.00 -1 8
1.2s 3.77nm 4.2mb
ISA 34.01 316 eP 19 59.00 2 9X
OTT 34.29 18 eP 20 09 00 10 8X
EUR 34.77 324 iP 20 03.20 0.4
0.8s 3.69nm 4.4mb
MNT 35.05 20 eP 20 04.00 -0.8
MNA 35.42 320 ePc 20 11.10 2.9X
epP 20 17.00 20kmX
BMN 36.12 324 eP 20 15.00 0.9
0.9s 8.20nm 4.7mb
JAS1 36.57 318 ePc 20 19.70 1.9
epP 20 25.90 21kmX
ePcP 21 55.80
LRM 37.66 334 eP 20 27.50 0.5
RSON 37.66 356 eP 20 27.60 0.9
0.9s 9.66nm 4.7mb
ORV 38.18 319 eP 20 32.50 1.2
ePcP 22 05.70
WDC 39.42 320 ePd 20 41.00 -0.6
ePcP 22 11.00
TPZ 40.31 148 P 21 04.30 14.8X
FHC 40.46 319 eP 20 52.90 2.7
COR 42.22 324 eP 21 04.00 -0.5
FFC 42.46 350 iPd 21 05.60 -0.8
0.7s 7.00nm 4.5mb
PNT 43.46 332 eP 21 15.00 0.4
0.8s 17.00nm 4.9mb
EDM 44.01 340 eP 21 18.50 -0.6
SCH 45.30 19 eP 21 29.00 -0.4

MDZ 50.10 157 eP 22 07.70 0.6
YKC 52.20 346 eP 22 26.00 3.4X
0.7s 19.00nm 5.2mb
YKA 52.24 346 eP 22 22.60 -0.3
SOB1 53.60 112 eP 22 35.30 1.6
0.8s 9.40nm 4.8mb
e 22 39.80
e 22 45.20
VAO 55.41 130 e(P) 22 46.00 -0.9
ITR 55.67 110 eP 22 48.00 -0.8
e 22 50.10
e 22 51.70
e 22 54.00
INK 61.72 343 eP 23 29.00 -1.1
ALE 70 19 4 eP 24 22.50 -1.5
0.9s 7.00nm 4.7mb
DAG 72.94 13 iPc 24 39.20 -1.3
0.9s 7.56nm 4.7mb
EKA 77.45 36 Pd 25 06.10 -0.5
0.6s 3.40nm 4.6mb
LPF 79.61 43 eP 25 18.00 -0.5
GRR 79.68 43 eP 25 18.50 -0.4
FLN 79.87 42 eP 25 19.50 -0.4
LDF 80.13 42 eP 25 20.80 -0.5
TCF 82.08 44 eP 25 30.80 -0.9
0.8s 2.90nm 4.4mb
MZF 82.35 44 eP 25 32.40 -0.6
0.8s 4.20nm 4.5mb
BGF 82.46 44 eP 25 33.10 -0.5
0.8s 6.40nm 4.7mb
AVF 82.76 44 eP 25 34.20 -0.9
SSF 82.81 43 eP 25 34.30 -1.1
LOR 83.00 43 eP 25 35.90 -0.5
SMF 83.12 44 eP 25 36.00 -1.0
LBF 83.14 43 eP 25 36.20 -0.9
ENN 83.58 39 eP 25 39.00 -0.2
WTS 83.84 38 eP 25 41.00 0.5
NB2 83.89 29 P 25 44.00 3.3X
0.9s 2.80nm 4.4mb
KIC 83.97 85 eP 25 44.50 2.6
e 25 52.90
CDF 84.99 42 eP 25 46.20 -0.3
GRF 87.15 40 eP 25 58.50 1.5
BRG 88.44 38 e(P) 26 08.00 4.8X
KHC 88.78 40 P 26 06.20 1.3
e 26 14.70
PRU 89.09 39 eP 26 07.00 0.7
e 26 11.00
BUL 121.06 106 iPKPc 32 05.50 0.6
1.0s 5.00nm
KRI 121.75 102 iPKPc 32 07 00 0.7
MHI 122.94 29 ePKP 31 52.00 -16.0X
MTD 123.62 101 iPKPc 32 11.00 1.2
QUE 131.46 27 ePKP 32 25.00 0.3
CHG 146.97 344 iPKPc 32 55.60 2.9X
1.1s 18.99nm
CHTO 146.97 344 ePKP 32 55.70 3.0X
1.2s 20.83nm
LOE 147.44 339 ePKP 32 54.00 0.6
NST 149.59 340 ePKP 33 01.30 4.5X
GBA 150.58 26 PKPc 33 00.80 2.5X
0.8s 23.30nm
KHT 150.91 343 ePKP 33 05.50 6.7X
S.D. = 1.1 on 65 of 86 obs.

? JUN 11, 1985 00h 22m 06.98± 7.93s
31.139 S ±52.9km 68.964 W ±55.8km
DEPTH = 124.9 ± 37.0 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 0.37 158 iPd 22 25.10 -0.1
S 22 35.60
RTLL 0.46 114 iPd 22 25.40 -0.2
CFA 0.78 127 iP 22 27.40 -0.3
S 22 40.50
RTCV 0.81 153 iPd 22 28.00 0.0
S 22 41.00
MDZ 1.74 177 iPc 22 39.40 1.4
iS 22 59.50
RFA 3.65 174 ePc 23 01.70 -1.1
TCA 3.75 94 iPc 23 04.50 0.3
S 23 42.00
S.D. = 1.0 on 7 of 7 obs.

• JUN 11, 1985 00h 58m 56.45± 0.91s
18.593 N ± 6.3km 145.542 E ±17.6km
DEPTH = 187.0 ± 11.1 km
4.5mb (2 obs.)
MARIANA ISLANDS (216)

GUMO 5.02 188 eP 00 11.60 0.1
PJG 5.02 188 eP 00 11.50 0.0
GUA 5.06 187 eP 00 11.90 -0.2
0.3s 498.70nm 6.2mb X
eS 01 08.90
OYM 17.67 343 eP 02 52.40 0.1
SRY 17.83 343 eP 02 54.00 0.0
TSK 18.19 346 eP 02 57.70 -0.1
DDR 18.22 343 eP 02 58.00 -0.1
MAT 19.01 342 iPd 03 06.40 0.1
0.8s 44.78nm 5.0mb
eS 06 37.00
WRA 39.84 197 Pd 06 14.00 0.7
KRP 62.89 154 P 09 04.00 -0.7
MNG 65.16 155 P 09 15.00 -4.4X
INK 69.54 23 iPc 09 45.40 -0.9
MBC 73.29 14 eP 10 09.00 0.5
YKA 78.15 28 eP 10 36.60 0.6
YKC 78.21 28 eP 10 37.00 0.7
SOD 83.41 340 eP 11 04.00 0.4
EUR 84.70 50 eP 11 11.00 0.1
KJF 84.77 337 eP 11 10.00 -0.4
SUF 86.17 336 iP 11 16.40 -1.0
0.4s 1.20nm 4.1mb
S.D. = 0.6 on 18 of 19 obs.

? JUN 11, 1985 01h 07m 45.12±10.29s
31.024 S ±69.9km 68.770 W ±70.2km
DEPTH = 113.7 ± 53.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.40 140 iPd 08 02.50 0.4
RTCB 0.46 183 iPc 08 02.20 -0.3
S 08 14.60
RTCV 0.86 167 iPd 08 05.30 -0.3
S 08 28.00
MDZ 1.86 182 eP 08 17.20 0.2
iS 08 37.20
TCA 3.60 96 iPd 08 40.00 -0.1
S 09 20.00
S.D. = 0.6 on 5 of 5 obs.

? JUN 11, 1985 01h 29m 21.22± 0.99s
44.642 S ±13.6km 80.716 W ±27.0km
DEPTH = 10.0km (geophysicist)
4.8mb (4 obs.)
OFF COAST OF SOUTHERN CHILE (143)

MDZ 14.93 42 eP 33 02.50 8.5X
TCA 18.34 49 ePd 33 36.30 -1.0
LPA 19.97 69 eP- 34 01.00 4.7X
eS 37 36.00
ANT 22.52 25 e(P) 34 23.50 1.1
SLA 23.41 37 eP 34 33.80 2.5X
TPZ 25.15 27 Pd 35 01.00 12.6X
CNCB 29.75 25 P 35 29.00 -1.6
LPB 29.98 25 eP 35 30.00 -2.5
LR 44 00.00
ZOBO 30.22 25 eP 35 36.90 2.1
1.0s 4.50nm 4.3mb
LR 44 12.00
SPA 45.55 180 eP 37 43.60 0.9
1.0s 10.00nm 4.7mb
SOB1 49.26 57 e(P) 38 13.00 1.0
ITR 51.10 59 eP 38 26.40 0.3
e 38 36.20
SBA 51.21 195 eP 38 24.60 -1.6
TUL 81.33 348 e(P) 41 39.70 0.8
1.1s 12.40nm 4.9mb
RLO 81.47 348 e(P) 41 45.60 6.0X
SLR 84.68 121 eP 41 56.00 -0.7
1.0s 20.00nm 5.3mb
BUL 88.99 118 eP 42 17.80 0.0
MTD 93.36 117 eP 42 39.00 1.0
MHI 148.86 92 ePKP 49 11.00 4.6X
QUE 150.76 109 ePKP 49 17.00 7.4X
S.D. = 1.5 on 13 of 20 obs.

• JUN 11, 1985 02h 03m 20.18± 0.57s
44.968 S ± 9.5km 80.222 W ±12.9km
DEPTH = 10.0km (geophysicist)
5.0mb (5 obs.) 4.9Msz (1 obs.)
OFF COAST OF SOUTHERN CHILE (143)

MDZ	14.94	40	eP	06	58.20	5.0X
BAA	19.60	66	eP-	07	52.80	1.4
			S	11	32.40	
LPA	19.77	67	eP+	07	54.00	0.9
			eS	11	30.00	
ANT	22.67	24	e(P)	08	18.00	-4.8X
SLA	23.46	35	ePc	08	28.80	-1.9
TPZ	25.29	26	P	08	56.00	7.4X
CNCB	29.90	24	P	09	32.00	1.1
			(S)	14	33.00	
LPB	30.13	24	Pc	09	33.20	0.4
			LR	17	40.00	
ZOBO	30.37	23	Pc	09	34.20	-0.9
	0.9s		23.79nm			5.0mb
			LR	18	04.00	
SNA	44.51	152	e(P)	11	33.00	0.0
SPA	45.23	180	e(P)	11	39.90	0.8
SOB1	49.15	56	eP	12	09.60	-0.5
			e	12	18.60	
ITR	50.97	58	eP	12	22.20	-1.9
			e	12	25.20	
			e	12	30.40	
SBA	50.98	195	eP	12	22.20	-1.2
LTX	76.97	339	eP	15	15.90	1.4
	1.2s		1.16nm			3.8mb X
JCT	77.18	343	eP	15	16.00	0.4
	1.0s		6.00nm			4.6mb
TUL	81.73	347	eP	15	39.60	-0.3
	1.3s		34.00nm			5.3mb
	Z 23s		0.24um			4.5MszX
RLO	81.86	348	eP	15	40.50	-0.1
SLR	84.21	121	eP	15	48.30	-5.0X
	1.0s		18.00nm			5.3mb
KIC	84.30	75	eP	15	54.00	0.4
BUL	88.52	117	eP	16	19.00	4.5X
BDW	91.20	339	eP	16	26.10	-0.4
	1.3s		3.77nm			4.6mb
KRI	91.61	116	eP	16	27.00	-2.0
MTD	92.90	117	eP	16	36.00	1.2
MHI	148.50	92	ePKP	23	06.00	1.3
QUE	150.33	109	ePKP	23	15.00	7.2X
CHTO	153.91	178	e(PKP)	23	31.90	18.8X
	1.2s		11.11nm			
	Z 20s		0.17um			4.9Msz
	S.D. = 1.2		on 20 of 27 obs.			

JUN 11, 1985 02h 57m 14.11± 0.67s
37.956 N ± 5.8km 29.189 E ± 6.9km
DEPTH = 10.0km (geophysicist)
3.8mb (1 obs.)
TURKEY (366)

YER	1.09	222	iPn	57	33.80	-0.9
BCK	1.22	114	iPn	57	36.40	-0.4
IZM	1.58	287	iPn	57	41.90	-0.4
DST	1.70	345	iPn	57	44.20	0.1
GPA	2 49	20	ePn	57	55.40	0.1
EDC	2 60	337	ePn	57	56.00	-0.9
YLV	2 61	3	iPn	57	58.40	1.3
PRK	2.62	300	eP	57	57.00	-0.2
KGT	2.89	330	iPn	58	00.90	-0.1
ISK	3.11	358	iPn	58	12.90	8.9X
MFT	3 19	333	ePn	58	04.00	-1.3
CTT	3.24	350	iPn	58	15.90	9.9X
NPS	3.94	228	eP	58	17.20	1.3
KDZ	4.72	322	iP	58	26.00	-1.0
MMB	5.55	312	iPd	58	41.00	2.1
PVL	6.02	331	eP	58	45.00	-0.3
VTS	6.52	317	eP	59	00.00	7.7X
NB2	25.71	340	P	02	46.40	0.5
	0.7s		1.60nm			3.8mb
	S.D. = 1.0		on 15 of 18 obs.			

? JUN 11, 1985 04h 56m 30.71± 3.26s
5.180 S ±51.9km 151.005 E ±15.4km
DEPTH = 33.0km (normol)
3.7mb (1 obs.)
NEW BRITAIN REGION (192)

BGA	4.26	103	eP	57	35.00	-0.1
PAA	4.60	104	eP	57	40.00	0.2
LMG	4.66	217	eP	57	40.00	-0.8
PMG	5.68	222	eP	57	56.00	1.0
WB2	21.86	226	eP	01	22.30	-0.3
WRA	21.87	226	Pd	01	22.70	0.0
	0.6s		1.80nm			3.7mb
	S.D. = 0.8		on 6 of 6 obs.			

* JUN 11, 1985 05h 01m 51.93± 0.96s
36.004 S ±14.0km 143.363 E ± 8.1km
DEPTH = 33.0km (normol)
VICTORIA, AUSTRALIA (602)
ML 2.8 (TOO), 2.6 (BFD).

BFD	1.34	209	iPc	02	14.10	-0.4
			eS	02	30.00	
TOO	2.32	133	eP	02	29.00	0.4
			eS	02	59.00	
WKA	2.49	260	iPc	02	31.30	0.2
YOU	4.46	69	eP	02	59.10	0.1
CAN	4.64	83	eP	03	01.20	-0.4
			eS	03	55.80	
	S.D. = 0.5		on 5 of 5 obs.			

* JUN 11, 1985 06h 54m 37.19± 0.47s
1.712 S ±14.2km 14.967 W ± 8.3km
DEPTH = 10.0km (geophysicist)
4.7mb (6 obs.) 4.7Msz (1 obs.)
NORTH OF ASCENSION ISLAND (407)

KIC	12.98	52	eP	57	38.00	-6.5X
			S	59	52.50	
			eTT	07	12.00	
ITR	24.37	252	eP	59	55.60	-1.2
			e	59	59.40	
SOB1	26.84	253	eP	00	14.10	-5.9X
			e	00	20.80	
BCAO	34.03	80	eP	01	23.60	-0.2
	1.0s		17.50nm			4.9mb
BNG	34.04	80	iPc	01	23.90	-0.1
	0.4s		20.00nm			5.4mb
			i	01	25.90	
BUL	46.33	116	iPc	03	05.70	0.1
	0.8s		4.85nm			4.6mb
MTD	48.16	111	iPc	03	20.00	-0.1
OHR	53.60	33	eP	04	14.50	13.6X
CNCB	54.23	251	eP	04	08.00	1.5
ZOBO	54.27	251	Pc	04	06.50	-0.3
			LR	19	48.00	
LPB	54.29	251	eP	04	07.00	0.2
			LR	22	08.00	
SKO	54.54	33	eP	04	08.40	0.7
	Z 20s		0.60um			4.7Msz
	E 19s		0.50um			
			eS	11	30.00	
VAY	54.73	34	eP	04	22.60	13.5X
TPZ	55.85	245	P	04	11.70	-6.3X
KHC	56.33	22	eP	04	23.20	2.5X
EKA	57.68	8	P	04	30.00	0.0
	1.7s		19.30nm			4.9mb
CLL	57.93	20	e(P)	04	45.00	13.2X
MLR	59.32	32	eP	04	45.00	3.2X
NB2	65.75	14	P	05	20.20	-4.1X
	1.0s		3.80nm			4.5mb
SUF	71.30	19	eP	05	58.00	-0.6
	0.7s		2.90nm			4.5mb
SPA	88.30	180	e(P)	07	48.50	18.4X
	S.D. = 0.8		on 11 of 21 obs.			

& JUN 11, 1985 07h 21m 45.12s
39.166 N 111.470 W
DEPTH = 0.1km
UTAH (478)
<SLC>. ML 2.8 (NEIS).

MSU	0.85	220	eP	22	01.30	-0.9
DAU	1.26	7	eP	22	08.20	-1.4
DUG	1.46	315	eP	22	11.70	-1.2
PV09	1.94	109	eP	22	20.60	0.6
RMU	2.12	169	e(P)	22	24.00	1.5
BDW	3.88	21	eP	22	53.50	5.9
GOL	4.75	82	e(P)	23	02.50	2.5
ALQ	5.82	135	eP	23	12.70	-2.3
	8 obs. ossocioted					

* JUN 11, 1985 08h 04m 58.26± 2.01s
19.066 N ±13.6km 104.494 W ±15.1km
DEPTH = 83.2 ± 18.4 km
4.6mb (3 obs.)
NEAR COAST OF JALISCO, MEXICO (55)
Felt strongly ot Manzonillo.

PIM	2.60	107	iP	05	37.00	-2.0
			iS	06	08.00	
OXM	4.55	86	eP	06	08.00	1.5
III	4.81	97	iP	06	10.00	0.0
			iS	07	06.00	
IIC	4.99	81	eP	06	14.00	1.4
TAC	5.02	85	iP	06	12.00	-1.0
			iS	07	15.00	
TPM	5.14	90	iP	06	15.00	0.5
			iS	07	16.50	
VHO	7.60	103	iP	06	48.00	-0.6
LTX	10.25	4	eP	07	27.00	2.4
JCT	12.13	20	eP	07	53.10	3.5X
	1.0s		20.00nm			4.9mb
BAR	17.41	324	eP	09	09.00	11.8X
BHO	17.49	27	e(P)	09	10.20	12.0X
PLM	18.02	325	eP	09	10.00	5.1X
TPC	18.17	328	eP	09	13.00	6.4X
TUL	18.45	23	eP	09	09.70	-0.2
	1.2s		52.20nm			4.7mb
	Z 18s		0.55um			4.4Msz
			e	09	21.70	
			e	12	52.00	
RLO	18.97	24	eP	09	13.60	-2.2
MWC	19.33	324	eP	09	30.00	10.1X
GSC	19.50	329	eP	09	21.00	-0.5
SBB	19.55	325	eP	09	30.00	8.0X
CLC	20.30	328	eP	09	29.00	-0.8
ISA	20.63	326	eP	09	33.00	-0.2
EUR	22.64	336	iP	09	53.80	0.5
	0.8s		0.74nm			3.1mb X
PRM	24.73	48	eP	10	12.80	-0.5
YKA	43.95	353	eP	12	57.50	-0.9
SOB1	68.68	108	eP	15	56.60	1.3
	0.5s		1.30nm			4.1mb
WB2	124.78	259	ePKP	23	51.30	0.6
WRA	124.79	259	PKPd	23	51.40	0.7
	0.6s		2.30nm			
GBA	147.48	357	PKP	24	37.00	4.7X
	0.3s		3.40nm			
PSI	148.41	311	iPKPc	24	38.10	4.2X
	0.7s		10.70nm			
	S.D. = 1.3		on 19 of 28 obs.			

JUN 11, 1985 08h 33m 40.79± 0.20s
52.627 N ± 7.6km 157.783 E ± 4.8km
DEPTH = 129.7km (2 depth phases)
4.7mb (23 obs.)
KAMCHATKA (217)

MDJ	20.19	258	eP	38	06.00	-0.8
MAT	21.17	228	iPd	38	17.30	0.5
	0.8s		44.78nm			4.9mb
CN2	23.12	261	iPc	38	35.00	-0.7
IMA	27.33	42	P	39	15.00	0.1
PMR	29.39	51	P	39	31.40	-1.8
FBA	29.74	44	P	39	36.50	0.2
	0.7s		20.35nm			5.0mb
NJ2	34.78	249	iP	40	21.20	0.8
INK	35.10	37	iPc	40	23.10	0.4
MBC	38.02	23	eP	40	49.00	1.9
GTA	41.26	275	P	41	14.50	0.1
			pP	41	47.60	149kmX
YKA	44.45	41	eP	41	40.70	0.9
RSNT	44.46	42	P	41	40.70	0.8
	0.9s		12.60nm			4.6mb
YKC	44.51	41	eP	41	41.00	0.7
	0.9s		13.00nm			4.6mb
CD2	44.52	263	eP	41	41.10	0.2
WMQ	45.79	288	P	41	50.80	0.0
GYA	46.03	256	P	41	53.00	0.1
PNT	49.40	59	iP	42	19.00	0.3
	0.8s		13.00nm			4.8mb
EDM	50.16	52	iPc	42	24.50	0.0
NEW	51.35	58	P	42	33.00	-0.6
	0.8s		5.81nm			4.5mb
SES	53.05	53	eP	42	45.50	-0.7
FFC	54.35	45	eP	42	55.00	-0.6
	0.8s		11.00nm			4.8mb
ORV	54.63	69	P	42	57.80	-0.1
JAS1	56.36	70	P	43	11.00	0.7
	0.6s		3.21nm			4.5mb
CHG	56.43	257	iPc	43	11.20	0.2
	0.8s		7.84nm			4.7mb
BMN	56.45	66	eP	43	11.90	0.8
	0.8s		7.84nm			4.7mb
			pP	44	01.70	221kmX
MNA	57.30	68	P	43	17.80	0.7
EUR	57.80	66	iP	43	21.00	0.3
	0.2s		44.66nm			6.1mb X

11d 08h

		pP	44	00.70	171kmX	
FRB	58.48	22 eP	43	23.00	-1.7	
BDW	58.96	59 iP	43	29.00	0.3	
	1.0s	22.80nm			5.1mb	
DUG	59.04	63 P	43	29.70	0.5	
	0.8s	6.94nm			4.7mb	
CLC	59.45	70 eP	43	31.00	-0.9	
SBB	60.12	71 eP	43	36.00	-0.5	
GSC	60.27	70 eP	43	38.00	0.5	
MWC	60 32	72 eP	43	38 00	0.0	
RSON	60.63	44 eP	43	39.00	-0.7	
	0.5s	3.63nm			4.6mb	
RSSD	60.83	55 iPc	43	41.70	0.3	
	0.8s	46.13nm			5.5mb	
		pP	44	14.00	135km	
TPC	61.56	70 eP	43	45.00	-1.2	
PLM	6,1.63	71 eP	43	47.00	0.1	
BAR	62.23	72 eP	43	51.00	0.4	
GLA	63.02	70 eP	43	56.00	0.1	
NB2	63.58	343 P	43	53.60	-5.6X	
	0.7s	2.10nm			4.2mb	
ALQ	66.31	63 eP	44	17.00	-0.3	
	0.6s	5.47nm			4.6mb	
		pP	44	47.70	125km	
TUL	71.16	55 ePc	44	46.70	-0.1	
	0.8s	20.80nm			5.0mb	
RLO	71.34	55 iPc	44	47.40	-0.5	
LTX	72.11	65 eP	44	53.20	0.5	
	0.9s	13.50nm			4.7mb	
FVM	72.12	50 eP	44	52.00	-0.5	
	0.5s	19.59nm			5.1mb	
BHO	72.83	56 ePc	44	56.20	-0.5	
CTA	73.10	191 iPd	44	58.00	-0.3	
	1.0s	11.00nm			4.6mb	
JCT	73.33	62 iP	45	00.00	0.3	
	0.8s	4.85nm			4.3mb	
OLY	73.61	53 P	45	00.90	-0.3	
WB2	75 08	203 eP	45	09.30	-0.4	
WRA	75 09	203 Pc	45	09.50	-0 3	
	0 8s	9.80nm			4.6mb	
RSCP	76.31	49 eP	45	16.10	-0.5	
	0 7s	11.80nm			4.8mb	
MA2	77 57	42 P	45	23.20	-0.2	
GFM	77.57	46 P	45	24.00	0.2	
ASPA	78.78	202 eP	45	31.00	0.8	
SPA	142 44	180 ePKP	52	53.30	-5.0X	
	0.7s	3.91nm				
	S.D. = 0.7	on 55 of 57 obs.				

* JUN 11, 1985 09h 04m 05.29± 1.99s
17.869 S ±12.6km 178.860 W ±12.1km
DEPTH = 627.0 ± 27.0 km
4.8mb (8 obs.)
FIJI ISLANDS REGION (181)

NOU	14.49	250 iPc	07	09.60	1.6	
KOU	16.15	258 iPd	07	22.90	-1.0	
KRP	20.58	193 P	08	03.00	-1.7	
MNG	23.19	191 eP	08	23.00	-5.2X	
COO	29.42	239 iPd	09	22.20	-0.3	
	0.5s	27.00nm			5.1mb	
RMQ	31.12	248 iPd	09	36.90	0.1	
CTA	33.03	260 iPd	09	52.40	-0.5	
	0.6s	11.33nm			4.7mb	
CAN	33.39	232 eP	09	55.90	0.1	
YOU	33.47	234 eP	09	56.60	0.2	
WAM	33.82	231 eP	10	01.30	2.0	
CMS	34.67	240 iPd	10	06.10	-0.2	
TOO	36.86	231 eP	10	24.00	-0.3	
STK	38.28	241 iPd	10	36.20	0.4	
	0.4s	20.00nm			5.0mb	
ADE	41.30	237 iPd	11	00.10	0.2	
	0.8s	22.39nm			4.7mb	
WB2	44.20	260 iPd	11	21.80	-1.0	
WRA	44.21	260 Pc	11	22.00	-0.8	
	0.5s	6.50nm			4.4mb	
ASPA	44.39	254 iPd	11	25.00	0.8	
	0.6s	165.00nm			5.7mb	
WBN	50.95	251 iPd	12	13.10	-0.1	
	0.4s	23.00nm			4.9mb	
MRWA	60.13	246 eP	13	15.50	-0.8	
NAU	61.35	254 eP	13	14.50	-9.8X	
MAT	67.62	324 eP	14	03.00	-0.2	
SPA	72.24	180 e(P)	14	30.60	0.5	
BMN	81.47	43 eP	15	20.00	0.1	
EUR	81.79	44 eP	15	21.20	-0.5	
PNT	84.95	34 eP	15	37.00	0.3	
	0.7s	5.00nm			4.3mb	
FBA	85.86	13 eP	15	40.30	-0.5	
LTX	86.34	58 eP	15	45.00	1.1	
BDW	87.62	44 eP	15	49.10	-0.7	
	0.8s	1.02nm			3.6mb X	
YKA	94.48	25 eP	16	21.10	0.6	
	S.D. = 0.9	on 27 of 29 obs.				

? JUN 11, 1985 09h 34m 08.45± 1 66s
12.858 N ±26.3km 90.531 W ±18 7km
DEPTH = 33.0km (normal)
4.0mb (4 obs.) 3.6Msz (1 obs.)
OFF COAST OF CENTRAL AMERICA (76)

COM	3.71	336 eP	35	06.00	1.0	
PBJ	5.91	308 iP	35	35.00	-1.0	
VHO	7.40	307 iPc	35	57.00	-0.2	
TPM	10.22	308 iPc	36	38.00	1.9	
OXM	10.88	307 iPc	36	49.00	3.6X	
JCT	19.52	335 eP	38	37.00	0.8	
	1.0s	6.00nm			3.8mb	
BHO	21.79	350 e(P)	38	59.40	0.0	
TUL	23.44	349 eP	39	17.60	1.9X	
	0.8s	8.30nm			4.3mb	
	Z 18s	0.18um			3.6Msz	
RLO	23.56	351 eP	39	18.40	1.6	
EUR	34.75	324 iP	41	02.50	4.4X	
	1.0s	2.88nm			4.2mb	
RSON	37.98	357 eP	41	21.30	-3.6X	
	0.5s	0.95nm			3.9mb	
EDM	44.18	340 eP	42	14.00	-1.9	
YKC	52.42	346 eP	43	18.00	-1.7	
YKA	52.46	346 eP	43	18.60	-1.4	
SOB1	53.95	112 eP	43	32.80	1.1	
	S.D. = 1.5	on 11 of 15 obs.				

JUN 11, 1985 11h 12m 28.72± 0.29s
32.628 S ± 5.1km 71.860 W ± 5.4km
DEPTH = 33.0km (normal)
5.1mb (17 obs.) 5.2Msz (3 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (V) ot Volporoiso ond (III) ot Sontiogo. Also felt ot Son Antonio.
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 16S, 27C
Centroid Locotion:
Origin Time 11:12:32.6 0.3
Lot 32.57S 0.05 Lon 72.00W 0.07
Dep 34.4 2.7 Holf-durotion 1.9
Moment Tensor; Scole 10**24 D-CM
Mrr= 1.50 0.07 Mtt= 0.36 0.07
Mff=-1.87 0.13 Mrt= 0.05 0.09
Mrf=-1.23 0.16 Mtf=-0.25 0.08
Principol Axes:
T Vol= 1.91 Plg=71 Azm= 76
N 0.37 6 183
P -2.29 18 275
Best Double Couple:Mo=2.1*10**24
NP1:Strike= 14 Dip=28 Slip= 103
NP2: 180 63 83

ROCH	0.79	116 iPd	12	43.00	-0.7	
PEL	1.11	118 iPd-	12	48.20	0.1	
TACH	1.28	143 iPc	12	51.40	1.0	
SAN	1.30	130 iPd	12	51.30	0.6	
BACH	1.36	123 iPd	12	52.20	0.6	
LNV	1.38	164 iPd	12	52.90	1.1	
FCH	1.49	118 iPd	12	53.80	0.0	
CHCH	1.65	142 iPd	12	57.70	1.9	
RTCB	2.84	67 iPc	13	14.50	1.7	
		S	13	48.60		
ZON	2.91	69 iPc	13	17.00	3.2X	
RTCV	2.92	76 iPc	13	15.80	1.9	
		S	13	49.00		
RTLL	3.16	67 iPc	13	18.60	1.3	
		(S)	13	55.60		
CFA	3.24	73 ePc	13	19.60	1.2	
		S	13	53.20		
RFA	3.55	128 eP	13	24.40	1.5	
		S	14	18.00		
ANT	8.98	9 eP	14	50.00	10.9X	
	Z 18s	11.86um				
		e(S)	16	36.00		
		eLR	17	34.00		
SLA	9.65	37 eP	14	50.60	2.1	

VBA	9.72	127 ePc	14	46.70	-2.6	
BAA	11.32	104 eP+	15	17.20	6.0X	
		S	17	08.40		
TPZ	11.47	15 eP	15	13.00	-0.5	
		e	15	35.00		
LPA	11.81	105 eP+	15	16.00	-1.8	
CNCB	16.14	13 P	16	18.50	3.2X	
		(S)	19	49.00		
LPB	16.38	13 P	16	20.00	1.7	
	Z 17s	8.16um				
		LR	21	27.00		
ZOBO	16.64	13 Pc	16	20.80	-0.8	
	0.5s	31.17nm			4.7mb	
		LR	21	16.00		
NNA	21.05	346 eP	17	13.50	1.2	
VAO	23.96	73 eP	17	39.10	-2.0	
		e	17	42.40		
		e	18	01.90		
		e	18	06.00		
		e	18	13.50		
SOB1	36.90	58 eP	19	33.90	-2.4	
BOG	37.10	356 eP	19	47.00	8.7X	
		eS	24	46.00		
ITR	38.99	60 iPc	19	50.50	-3.4X	
	1.0s	20.30nm			4.8mb	
		e	19	57.00		
		e	20	07.80		
		e	20	22.10		
		e	20	42.30		
CAR	43.15	7 eP	20	28.00	-0.1	
SNA	52.78	157 eP	21	41.00	-1.4	
SPA	57.55	180 iPc	22	17.80	0.5	
	1.0s	57.50nm			5.6mb	
SBA	64.45	192 eP	23	05.00	1.4	
PRM	67.09	351 P	23	20.00	-0.9	
JCT	68.12	334 iP	23	28.10	0.6	
	1.0s	16.00nm			5.1mb	
LTX	68.61	330 P	23	31.00	0.3	
TKL	68.84	350 P	23	30.40	-1.4	
PWLA	68.95	346 P	23	31.60	-0.9	
GFM	69.01	351 P	23	30.80	-2.3	
RSCP	69.08	348 eP	23	32.30	-1.0	
	0.7s	54.28nm			5.7mb	
BHO	70.08	340 ePc	23	39.70	0.3	
NAV	70.08	352 P	23	38.20	-1.2	
CVL	70.52	354 P	23	40.70	-1.3	
NA2	70.61	355 P	23	42.20	-0.3	
TUL	71.77	340 ePd	23	49.30	-0.3	
	1.0s	21.20nm			5.1mb	
	Z 18s	0.31um			4.6Msz	
RLO	71.79	340 ePd	23	49.30	-0.5	
FVM	72.35	345 eP	23	52.00	-1.0	
	1.1s	30.49nm			5.2mb	
MAW	74.45	164 eP	24	05.00	0.1	
KIC	74.51	72 eP	24	04.30	-1.8	
ALQ	74.65	331 P	24	07.90	1.1	
RSNY	76.85	358 eP	24	18.30	-0.4	
	1.0s	9.00nm			4.7mb	
GLA	76.86	324 eP	24	20.00	0.9	
BAR	77.50	322 eP	24	24.00	1.4	
PLM	78.13	323 eP	24	28.00	1.7	
GLD	78.37	334 P	24	28.60	1.1	
GOL	78.38	334 eP	24	27.90	0.2	
	1.0s	4.50nm			4.4mb	
MWC	79.42	323 eP	24	35.00	1.6	
GSC	79.64	324 eP	24	36.00	1.6	
SBB	79.67	323 eP	24	36.00	1.5	
MSU	80.10	329 P	24	38.40	1.5	
CLC	80.44	324 eP	24	39.00	0.4	
ISA	80.76	323 eP	24	42.00	1.7	
DUG	81.77	330 P	24	46.90	1.4	
RSSD	81.83	337 eP	24	45.40	-0.5	
	1.1s	11.63nm			4.8mb	
LHC	82.17	348 eP	24	46.50	-0.7	
EUR	82.58	327 iP	24	51.00	1.1	
	0.2s	8.37nm			5.5mb	
BDW	82.62	333 eP	24	49.70	-0.4	
	1.4s	6.05nm			4.5mb	
KSR	83.28	116 iPc	24	53.50	-0.4	
	0.9s	41.54nm			5.6mb	
SLR	84.39	117 iPc	24	57.50	-2.0	
	0.9s	109.24nm			6.0mb	
	Z 21s	1.51um			5.4Msz	
HPI	84.80	331 P	25	02.50	1.4	
RSON	85.33	346 eP	25	02.60	-0.7	
	0.9s	8.82nm			5.0mb	
BUL	87.73	112 iPc	25	15.80	-0.2	

0.9s 10.50nm 5.1mb
SES 89.64 336 eP 25 23.00 -1.2
KRI 90.36 110 iPc 25 29.00 0.5
MTD 91.95 111 iPc 25 37.00 1.3
BNG 92.70 86 iPc 25 38.80 -0.3
0.8s 11.00nm 5.3mb
i 26 14.20
EDM 92.79 336 eP 25 36.50 -2.1
NUR 120 91 35 iPKP 31 17.90 -0.5
0 8s 7.40nm
WB2 122 02 209 ePKP 31 21.50 -0.3
WRA 122.03 209 PKPd 31 21.00 -0.8
0.8s 2.20nm
SUF 122.03 33 iPKP 31 20.00 -0.5
0.6s 2.40nm
KJF 122.95 31 ePKP 31 21.00 -1.2
QUE 144.91 83 ePKP 32 03.90 -0.6
GBA 146.19 117 PKPd 32 04.90 -1.8
PSI 148.99 162 iPKPc 32 14.50 3.2X
1.0s 29.30nm
KGM 149.21 171 ePKPd 32 15.80 4.1X
HYB 149.34 112 ePKPc 32 15.80 4.0X
IPM 151.31 165 ePKPd 32 20.20 5.4X
NDI 153.16 90 ePKP 32 24.00 7.0X
MAT 154.99 287 ePKP 32 18.00 -1.3
Z 20s 0.53um 5.4Msz
S.D. = 1.3 on 78 of 89 obs.

JUN 11, 1985 12h 52m 38.69± 0.64s
7.218 S ± 9.4km 154.682 E ± 9.9km
DEPTH = 33.0km (normal)
3.9mb (2 obs.)
SOLOMON ISLANDS (193)

BGA 1.17 25 iPd 52 59.00 0.1
eS 53 14.00
PAA 1.22 41 iPd 52 59.50 0.0
eS 53 14.00
LMG 6.68 255 eP 54 17.00 -0.3
LAT 7.65 274 eP 54 31.00 0.4
PMG 7.76 253 eP 54 36.00 3.8X
CTA 15.18 212 iPd 56 13.30 0.9
1.0s 10.00nm 4.0mb
RMQ 19.98 196 eP 57 11.00 -0.3
WB2 23.42 235 eP 57 45.80 -0.2
WRA 23.43 235 Pd 57 45.40 -0.6
0.5s 1.30nm 3.7mb
S.D. = 0.5 on 8 of 9 obs.

* JUN 11, 1985 14h 50m 45.50± 1.80s
33.688 S ± 8.3km 71.511 W ±16.5km
DEPTH = 30.0 ± 6.3 km
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.28 163 iPd 50 52.80 0.1
iS 50 58.80
TACH 0.48 86 iP 50 55.50 -0.1
iS 51 03.70
SAN 0.75 72 iPd 50 59.80 -0.1
iS 51 11.00
CHCH 0.76 109 iPd 51 00.00 0.0
ROCH 0.83 31 iP 51 00.00 -1.2
iS 51 10.80
PCH 0.83 86 iPc 51 01.00 -0.2
PEL 0.88 52 iPd 51 01.90 0.1
i(S) 51 08.30
BACH 0.92 69 iPd 51 02.50 0.2
FCH 1.08 71 iPd 51 05.00 0.0
JACH 1.27 38 iPc 51 07.10 -0.2
RFA 2.74 114 e(P) 51 39.20 10.7X
RTCV 3.10 55 ePd 51 37.30 3.8X
S 52 20.50
RTCB 3.17 47 iPd 51 38.20 3.6X
S 52 21.30
RTLL 3.48 48 ePc 51 41.30 2.3
S 52 27.20
TCA 6.30 70 ePc 52 18.00 -0.8
S 53 34.30
S.D = 1.0 on 12 of 15 obs.

* JUN 11, 1985 16h 17m 37.04± 1.58s
4.526 N ± 9.9km 95.513 E ±13.5km
DEPTH = 109.5 ± 15.7 km
4.3mb (8 obs.)
NORTHERN SUMATERA (706)

TSI 3.21 108 ePd 18 26.90 0.3
PSI 3.86 118 iPc 18 35.50 0.1
eS 19 21.00
IPM 5.50 89 ePc 18 56.80 -1.1
iS 19 57.60
SNG 5.72 62 eP 19 59.50 58.5X
PPI 6.95 135 ePc 19 16.70 -1.2
0.7s 49.30nm 5.1mb
KGM 8.18 107 ePd 19 33.20 -1.5
KHT 10.64 16 eP 20 07.50 -0 2
LOE 14.18 25 eP 20 56.00 1.9
CHG 14.59 13 iPd 21 02.60 3.2X
0.8s 12.31nm 4.2mb
CHTO 14.59 13 iP 21 02.30 2.9
0.8s 13.36nm 4.2mb
Z 20s 0.14um 4.3Msz
pP 21 16.80
GBA 19.98 298 P 22 05.00 1.8
S 25 32.00
HYB 20.98 309 eP 22 13.50 0.2
KMI 21.62 18 eP 22 21.50 1.6
GYA 24.28 25 P 22 46.00 0.4
PKI 24.86 338 eP 22 50.00 -1.3
0.5s 6.00nm 4.3mb
KKN 25.11 338 eP 22 51.70 -1.8
0.5s 13.00nm 4.6mb
CD2 27.37 16 iPc 23 12.20 -1.8
XAN 31.90 21 iPc 23 52.00 -2.2
BJI 39.97 25 eP 25 03.00 0.7
WRA 45.25 124 Pd 25 47.00 1.6
0.7s 7.80nm 4.6mb
WB2 45.26 124 eP 25 47.20 1.7
ASPA 46.75 129 eP 25 59.00 1.7
CN2 47.19 30 P 25 59.00 -1.4
KJF 76.39 335 iP 29 15.00 -0.7
SUF 76.62 334 eP 29 16.00 -0.9
SOD 77.80 338 eP 29 23.00 -0.4
HFS 82.02 330 eP 29 45.60 -0.4
0.5s 2.30nm 4.2mb
NB2 83.30 331 P 29 49.60 -3.1X
0.8s 2.50nm 4.2mb
S.D. = 1.5 on 25 of 28 obs.

JUN 11, 1985 17h 02m 59.47± 0.75s
21.348 S ± 9.4km 179.385 W ± 6.7km
DEPTH = 625.8 ± 10.9 km
4.8mb (12 obs.)
FIJI ISLANDS REGION (181)

NDF 4.65 320 eP 04 30.80 -0.9
CRZ 14.79 207 P 06 07.00 2.0
KOU 15.28 270 iPc 06 12.10 2.3
KRP 17.09 194 P 06 27.00 0.2
GNZ 17.38 187 P 06 31.20 1.7
S 09 16.00
RMQ 29.53 254 iPd 08 18.50 0.9
PMO 30.54 83 iP 08 24.60 -1.5
0.8s 20.00nm 4.8mb
TPT 30.80 84 iP 08 26.80 -1.5
0.8s 35.00nm 5.0mb
RUV 30.96 84 iP 08 28.10 -1.6
0.8s 30.00nm 5.0mb
CAN 30.97 236 eP 08 30 00 0.3
WAM 31.34 235 eP 08 32.70 0.0
CTA 32.13 266 iPd 08 39.60 0.1
0.5s 31.69nm 5.2mb
ASPA 43.07 258 iPd 10 07.90 -0.4
e 14 41.00
eS 15 10.00
e 19 03.00
JAY 43.10 290 ePd 10 08.30 -0.3
WB2 43.20 263 iPd 10 08.20 -1.0
MTN 47.89 272 iPc 10 44.80 -0.2
0.4s 20.00nm 4.9mb
KNA 49.30 267 iPd 10 55.00 -0.4
WBN 49.41 253 iPd 10 55.70 -0.4
0.5s 31.00nm 5.0mb
MBL 56.32 258 iPd 11 44.10 -1.0
0.5s 31.00nm 4.8mb
MEK 56.49 252 iPc 11 44.80 -1.5
KLB 56.52 246 iPc 11 45.80 -0.6
SBA 56.95 183 e(P) 11 47.70 -0.9
BAL 57.53 247 eP 11 52.00 -1.3
MRWA 58.33 248 eP 11 57.80 -0.9
0.5s 5.00nm 4.0mb
NAU 59.96 256 iPd 12 09.30 -0.2
0.4s 22.00nm 4.7mb
MAT 70.14 325 eP 13 12.00 -0.3
0.8s 9.70nm 4.3mb
GCC 79.34 43 e(P) 14 03.70 0.7
FRI 80.79 44 e(P) 14 12.40 1.8
JAS1 80.88 43 e(P) 14 11 80 0 8
WDC 81.15 40 e(P) 14 13.50 1 2
ORV 81.16 42 e(P) 14 13.30 0.9
IPM 82.00 278 ePd 14 17.80 0.6
MNA 82.62 44 e(P) 14 20.70 0.7
BMN 84.35 43 eP 14 29 10 0 7
0.9s 0.59nm 3.2mb X
ALQ 88.94 52 eP 14 50.20 -0.1
1.0s 5.00nm 4.3mb
BDW 90.46 44 eP 14 57.90 0.8
0.8s 1.75nm 4.1mb
SOB1 129.17 122 ePKP 20 59.60 -0.6
S.D. = 1.1 on 37 of 37 obs.

? JUN 11, 1985 17h 24m 47.31± 4.38s
59.425 N ±25.0km 6.569 E ±33.3km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.5 (BER).

ODD 0.53 5 iPg 24 58.00 0.0
iSg 25 06.20
KMY 0.71 253 iPg 25 01.40 0.1
iSg 25 16.60
ASK 1.27 328 iPn 25 11.60 0.8
iSn 25 30.70
HYA 1.76 354 iPn 25 18.50 0.6
eSn 25 43.00
SUE 1.87 332 ePn 25 18.00 -1.6
iSn 25 45.30
S.D. = 1.3 on 5 of 5 obs.

* JUN 11, 1985 18h 47m 32.34± 0 98s
3.166 S ±11.4km 146.412 E ±13.2km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
BISMARCK SEA (203)

MOM 1.49 42 iPd 47 57.00 -0.1
MDG 2.16 197 eP 48 06.00 -0.7
WEW 2.81 262 eP 48 15.00 -0.9
LMG 5.96 163 e(P) 49 04.00 3.2X
PMG 6.25 173 eP 49 04.00 -0.7
CTA 16.82 181 iPd 51 34.10 7.0X
1.2s 32.81nm 4.3mb
WB2 20.41 214 iPc 52 10.30 0.8
WRA 20.42 214 Pd 52 11.10 1.5
1.0s 24.50nm 4.5mb
ASPA 23.70 210 eP 52 48.00 5.8X
XAN 51.15 320 eP 56 41.20 6.7X
BJI 51.16 330 eP 56 43.00 8.6X
CHG 51.55 297 eP 56 48.50 10.7X
CHTO 51.55 297 e(P) 56 40.20 2.5X
CD2 52.91 313 eP 56 56.60 8.8X
HHC 54.13 328 eP 57 06.00 9.3X
BTO 54.80 326 eP 57 11.00 9.4X
GTA 60.21 320 eP 57 46.20 6.4X
WMO 70.28 319 P 58 53.80 9.2X
S.D. = 1.3 on 6 of 18 obs.

* JUN 11, 1985 23h 09m 37.16± 1.23s
44.499 N ± 7.7km 114.216 W ±12.0km
DEPTH = 5.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.0 (NEIS).

HPI 1.13 134 iPc 09 58.40 -0.5
LRM 1.82 43 ePc 10 09.50 -0.1
BUT 1.91 37 ePn 10 10.90 0.0
ePg 10 13.70
eSn 10 36.00
eSg 10 39.50
TMI 2.05 125 eP 10 12.90 0.0
IMW 2.43 103 eP 10 19.30 0.8
SXM 2.69 51 ePn 10 22.40 0.3
HRY 2.77 36 ePn 10 22.50 -0.7
NEW 4.27 333 eP 10 44.50 0.2
S.D. = 0.6 on 8 of 8 obs.

* JUN 12, 1985 02h 04m 06.18± 0.77s
45.038 S ± 9.0km 167.752 E ±10.1km
DEPTH = 101.7 ± 12.5 km
4.5mb (2 obs.)
SOUTH ISLAND, NEW ZEALAND (162)

12c 02h

BRZ	0.76	191	P	04 24.00	-0.5
			S	04 36.00	
OBZ	1.88	172	P	04 37.20	-0.6
COB	5.38	44	P	05 26.00	0.6
			S	06 24.00	
SNZO	6.30	56	e(P)	05 38.50	0.4
WEL	6.35	56	P	05 30.00	-8.8X
			S	06 47.00	
MNG	7 19	55	P	05 56.00	5.6X
			S	07 06.00	
ARP	9.20	42	eP	06 16.00	-1.6
			S	07 57.00	
CRZ	11.25	21	P	06 46 00	0.9
WAM	16.80	295	eP	07 58.10	1.7
			e	10 55.40	
			eTT	23 07.20	
CAN	17.27	298	eP	08 03.80	1.5
			e	11 05.20	
			eTT	23 20.60	
TOO	18.28	286	eP	08 14.00	-0.5
			e	08 19.00	
SBA	32.93	180	e(P)	10 33.00	0.8
WB2	37.25	301	eP	11 07.30	-2.2
WRA	37.26	301	Pd	11 07.80	-1.8
	0.7s		4.00nm	4.5mb	
SPA	45 16	180	eP	12 15.10	1.1
	1.0s		9.50nm	4.6mb	
KJF	150 68	325	iPKP	23 45.50	4.8X
SUF	151 87	323	iPKP	23 48.20	5.7X
	0.5s		7.40nm		
	S.D. = 1.5		on 13 of 17 obs.		

& JUN 12, 1985 02h 30m 31.87s
61.498 N 146.433 W
DEPTH = 28.4km
SOUTHERN ALASKA (2)
<AGS-P>.

KLU	0.25	91	iP	30 39.01	0.4
VLZ	0.37	172	iP	30 39.95	-0 2
			eS	30 46.64	
VZW	0 44	188	iP	30 40.88	-0.5
			eS	30 48.40	
SCM	0.54	309	iP	30 42.39	-0.6
TTV	0.56	217	iP	30 43.01	-0.1
			eS	30 52.03	
TSIM	0.59	117	iP	30 43.03	-0.8
TOA	0.62	11	iP	30 44.06	-0.2
KMP	0.67	88	iP	30 44.30	-0.8
			eS	30 54.20	
GLI	0.70	208	iP	30 44.81	-0.7
			eS	30 55.26	
CFI	0.72	244	iP	30 44.86	-0.9
			eS	30 55.81	
FID	0.75	182	eP	30 45.90	-0.5
			eS	30 56.91	
SML	0.96	290	iP	30 48.09	-1.3
KNK	0.98	266	iP	30 48.94	-0.7
CVA	1.01	160	iP	30 49.86	-0.2
			eS	31 05.45	
BMRM	1.05	120	eP	30 49.01	-1.7
HIN	1.11	182	iP	30 51.30	-0.2
CSG	1.14	137	iP	30 52.48	0.5
SGAM	1.17	149	iP	30 51.87	-0.5
GHO	1.22	284	iP	30 52.23	-1.0
			eS	31 08.67	
MSE	1.26	287	iP	30 52.32	-1.4
GLB	1.26	91	iP	30 52.77	-0.9
PTE	1.41	244	eP	30 55.64	-0.1
RAGM	1 41	142	eP	30 56.52	0.7
PMS	1.53	262	iP	30 57.52	0.0
PWA	1.66	277	eP	30 59.59	0.2
MPA	1.75	236	eP	31 00.27	-0.4
BALM	2 03	101	iP	31 03.90	-1.0
SEW	2 04	228	eP	31 04.85	0.0
SUA	2.07	271	iP	31 05.76	0.3
SLKM	2.10	243	eP	31 05.65	-0.1
SKT	2.47	284	eP	31 11.22	0.1
CTGM	2.52	100	eP	31 11.64	-0.3
YAH	2.56	114	eP	31 11.67	-0.8
SPU	2.73	266	eP	31 14.26	-0.5
CRP	2.76	268	eP	31 10.39	-4.9
BRLK	2.80	234	eP	31 14.43	-1.3
PCA	3.34	112	eP	31 21.53	-1.9
	37 obs. associated				

• JUN 12, 1985 02h 42m 32.99± 1.11s
37.495 N ±12.0km 22.140 E ± 9.7km
DEPTH = 33.0km (normal)
3.8mb (2 obs.)
SOUTHERN GREECE (368)
ML 3.1 (ATH).

ATH	1.34	69	ePb	42 55.20	-0.3
			eSb	43 15.50	
VLS	1.40	300	ePn	42 56.00	-0.5
			eSg	43 21.00	
KZN	2.82	354	ePn	43 18.00	1.2
NPS	3.58	127	ePb	43 28.50	0.9
OHR	3.76	344	ePn	43 31.20	1.1
VAY	3.84	5	ePn	43 31.00	-0.1
IZM	4.15	76	iPn	43 34.90	-0.7
SKO	4.50	353	ePn	43 46.20	5.5X
HFS	23.29	349	(P)	47 38.30	-0.1
	0.2s		1.00nm	4.0mb	
NB2	24.55	347	P	47 49.20	-1.5
	0.6s		1.20nm	3.6mb	
	S.D. = 1.1		on 9 of 10 obs.		

• JUN 12, 1985 02h 52m 53.71± 2.18s
8.162 N ±20.7km 74.518 W ±19.4km
DEPTH = 33.0km (normal)
NORTHERN COLOMBIA (99)

BMG	1.79	127	eP	53 23.00	0.0
CHN	3.36	199	eP	53 52.00	6.7X
UAV	3.37	82	iPnd	53 45.70	0.2
	0.4s		83.30nm		
BOG	3.54	173	iP	53 43.00	-5.1X
			iS	54 13.50	
LGN	3.76	58	ePn	54 30.20	39.4X
SDV	3.91	79	iPnd	53 52.60	-0.5
	0.2s		31.60nm		
TOV	4.94	71	iPnd	54 07.90	0.2
	0.5s		66.90nm		
UPA	5.03	280	eP	54 35.50	26.7X
	0.7s		24.66nm		
			e	55 48.50	
PSO	7.47	202	eP	54 43.50	0.0
	S.D. = 0.4		on 5 of 9 obs.		

• JUN 12, 1985 02h 57m 50.36± 0.76s
17.601 S ±10.0km 69.627 W ±11.1km
DEPTH = 149.5 ± 8.7 km
5.4mb (1 obs.)
PERU-BOLIVIA BORDER REGION (118)

LPB	1.81	54	iPd	58 24.20	0.1
			(S)	58 55.00	
ZOBO	1.96	48	iPc	58 25.80	-0.1
ARE	2.11	302	iPc	58 27.10	-0.4
			iS	58 55.00	
TPZ	3.94	168	iPc	59 12.70	21.8X
YJA	5.98	140	eP	59 19.80	1.7
ANT	6.12	187	iP	59 18.80	-0.8
	0.5s		115.49nm	5.4mb	
			eS	00 26.00	
VAO	21.91	108	eP	02 31.20	-1.3
			e	02 38.20	
			e	02 50.50	
			e	03 02.40	
SOB1	29.13	77	eP	03 32.50	-7.0X
			e	03 37.20	
			e	04 27.60	
KIC	68.33	76	iPc	08 36.90	-0.9
YKC	87.25	341	eP	10 21.00	0.4
YKA	87.30	341	eP	10 22.10	1.3
	S.D. = 1.2		on 9 of 11 obs.		

? JUN 12, 1985 04h 21m 00.00± 4.41s
51.578 N ±30.8km 16.276 E ±26.3km
DEPTH = 12.2 ± 4.8 km
POLAND (548)

KSP	0.74	179	iP	21 14 60	0.4
			iS	21 24.00	
CLL	2.07	264	ePn	21 35 00	0 1
			iPg	21 38.60	
			iSg	22 02.70	
KRA	2.78	122	eP	21 56.70	11.7X
			eS	22 34 90	
HOF	3.06	247	iPnc	21 48.30	-0.7
MOX	3.08	254	ePn	21 50.00	0.7
			ePg	21 56.50	
			iSg	22 36.00	
WET	3.27	223	iPnc	21 52.00	0.0
ZST	3.43	171	e(Pn)	21 54.00	-0.2
GRF	3.73	242	ePn	21 58.50	-0.1
			e(Pg)	22 11.00	
			eSg	22 55.30	
KBA	4.89	204	iP	22 15.30	0.1
	0.8s		8.10nm		
			i	23 05.20	
			i	23 40.30	
			i	23 47.50	
	S.D. = 0.5		on 8 of 9 obs.		

? JUN 12, 1985 06h 13m 06.51±14.00s
51.893 N ±65.2km 16.955 E ±95.2km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.9 (GRF), 3.9 (VKA).

KSP	1.13	202	iPd	13 27.80	0.1
	0.3s		68.00nm		
			iS	14 27.00	
CLL	2.53	258	iPn	13 48.30	0.0
			iPg	13 50.20	
			iSg	14 17.50	
SPC	3.43	141	e(Pn)	14 48.00	46.8X
			e(Sn)	15 09.40	
KHC	3.51	219	Pn	14 02.10	-0.1
			Pg	14 07.60	
			Sn	15 36.30	
			Sg	15 51.20	
HOF	3.57	246	iPc	14 11.40	8.3X
MOX	3.58	252	ePg	14 11.00	7.8X
			iSg	14 50.00	
VKA	3.65	187	iPgc	14 16.30	12.0X
			iSn	14 46.90	
			iSg	15 01.60	
ZST	3.70	178	e(Pn)	15 04.00	59.0X
WET	3.78	225	ePn	14 05.80	-0.4
GRF	4.25	241	ePn	14 13.00	0.2
			e(Pg)	14 24.00	
			eSg	15 10.90	
KBA	5.36	207	iPnd	14 28.70	0.1
			iSn	15 23.60	
			iSg	15 51.50	
	S.D. = 0.3		on 6 of 11 obs.		

• JUN 12, 1985 07h 05m 51.85± 0.71s
13.062 N ±15.1km 90.142 W ±11.7km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
NEAR COAST OF GUATEMALA (71)

COM	3.71	329	iP	06 48.00	-0.4
PBJ	6.10	304	iP	07 17.00	-5.1X
TPM	10.40	306	iP	08 20.50	-1.5
III	10.42	302	iP	08 21.50	-0.8
IIP	10.49	308	eP	08 23.50	0.1
IIC	10.99	309	eP	08 31.00	0.7
OXM	11.07	305	iP	08 33.00	1.7
BHO	21.65	349	eP	10 40.20	-1.3
RLO	23.42	350	eP	10 57.50	-1.4
BAR	31.14	313	eP	12 10.00	0.1
TPC	31.50	316	eP	12 13.00	-0.1
PLM	31.64	314	eP	12 14.00	-0.4
GSC	32.70	317	eP	12 24.00	0.4
MWC	32.94	314	eP	12 26.00	0.1
PAS	32.98	314	eP	12 26.00	0.0
SBB	33.04	315	eP	12 26.00	-0.5
CLC	33.53	317	eP	12 31.00	0.3
ISA	34.02	316	eP	12 36.00	0.9
BDW	34.05	334	P	12 38.00	2.6
	1.0s		3.00nm	4.2mb	
OTT	34.48	18	eP	12 41.00	2.3
MNT	35.25	20	eP	12 53.00	7.7X
YJA	42.54	145	eP	13 46.40	-0.4
SOB1	53.68	112	eP	15 13.10	0.0
	0.8s		8.50nm	4.8mb	
			e	15 14.90	
			e	15 23.40	
			e	16 29.70	
MBC	65.07	353	eP	16 28.00	-2.8
KIC	84.12	85	eP	18 21.80	0.3
KRI	121.86	102	ePKP	24 54.00	8.7X
MTD	123.73	102	iPKPc	24 49.00	0.1
GBA	150.79	25	PKPc	25 42.80	5.3X
	0.9s		19.10nm		

```
KHT   151.01 342 ePKP  25 43.20   5.4X
      S.D. = 1.2  on  24 of  29 obs.

*  JUN 12, 1985  08h 48m 42.35± 0.84s
   4 726 S ±10.4km  130 478 E ±15.9km
   DEPTH =  33.0km  (normal)
   4 4mb (  2 obs )
 BANDA SEA                          (280)

TLE     2 44 112 iPc    49 20.00   -0.7
                 iS     49 50.00
AAI     2.50 294 e(P)   50 05.50   43.9X
MTN     8.09 175 iPc    50 43.80    3.2X
                 eS     51 53.00
KNA    11.08 189 iPc    51 21.50   -0.2
                 eS     53 00.00
WRA    15.59 166 Pc     52 20.40   -1.0
       0.5s      3.40nm          3.8mb
WB2    15.59 166 eP*    52 21.70    0.3
                 eS     54 55.20
ASPA   19.12 170 iPc    53 07.30    1.8
WHN    38.31 337 eP     56 09.00    7.2X
TIA    42.60 344 eP     56 57.80   20.7X
TIY    45.44 340 P      57 01.60    1.5
HHC    48.55 341 Pc     57 24.50   -0.1
BTO    48.85 339 eP     57 20.00   -6.9X
GBA    55.70 290 Pd     58 16.70   -1.6
       0.7s     10.70nm          5.0mb
      S.D. = 1.4  on   8 of  13 obs.

   JUN 12, 1985  08h 49m 10.94± 0.98s
    4.103 S ± 5.3km  102.581 E ± 6.1km
   DEPTH =  81.4 ±  8.3 km
   5.3mb ( 23 obs.)
 SOUTHERN SUMATERA                  (274)

KGM     6.12   7 iPd    50 42.60    1.9
       0.8s   541.90nm          5.9mb
                 i      51 02.50
PSI     7.68 332 ePc    50 59.60   -2.6
       0.8s    18.10nm          4.8mb
TSI     8.55 332 e(P)   51 14.00   -0.2
IPM     8.76 350 ePc    51 18.30    1.2
       0.7s    63.80nm          5.5mb
                 i      51 37.00
SJI     9.82 112 eP     51 30.90   -0.6
                 eS     51 50.60
TRT    10.62 110 iPd    51 43.00    0.7
       0.5s    38.90nm          5.6mb
SNG    11.38 350 eP     51 53.00    0.6
BSI    11.98 323 iPc    51 56.00   -4.5X
DNP    13.34 111 eP     52 30.00   11.6X
KKM    16.94  54 ePd    53 08.90    4.5X
WSI    18.44 108 iPc    53 27.50    4.8X
       0.5s     2.50nm          3.7mb X
                 e      54 33.50
KHT    19.18 348 eP     53 31.30    0.3
NST    19.80 353 eP     53 36.30   -1.2
LOE    21.39 358 eP     53 53.00   -0.7
KUG    21.69 107 eP     53 57.30    0.6
KUPT   21 70 107 eP     53 57.50    0.7
CHTO   23.05 351 eP     54 10.00   -0.1
       0.9s    41.99nm          4.8mb
MBL    23.84 137 eP     54 18.00    0.3
QIZ    24.07  17 eP     54 22.00    2.0
KMI    29.05   0 Pc     55 07.00    1.1
GBA    30.53 306 Pd     55 19.00    0.1
       0.9s    17.10nm          4.8mb
GYA    30.64   7 P      55 20.40    0.6
                 PcP    58 16.40
SHL    31.27 341 iP     55 24.20   -1.3
WBN    31.76 136 eP     55 26.00   -3.6X
WRA    34.72 120 Pc     55 53.90   -1.4
       0.5s    26.60nm          5.4mb
WB2    34.73 120 eP     55 54.20   -1.2
                 ePcP   58 27.30
                 eS     01 16.30
CD2    34.83   2 iPc    55 56.00   -0.2
LSA    35.35 343 Pd     55 59.30   -1.8
PKI    35.58 333 iPc    56 02.80   -0.1
KKN    35.83 333 iPc    56 05.00    0.1
ASPA   35.94 126 iPc    56 05.30   -0.3
                 ePcP   58 31.00
                 eS     01 37.00
XAN    38.41   8 iPc    56 26.20    0.0
SSE    39.25  26 Pc     56 36.00    2.8
LZH    40.00   2 iPc    56 40.50    1.0

NDI    40.71 325 iPc    56 45.00   -0.3
       0.8s   261.19nm          6.1mb
                 eS     02 49.00
GTA    43.37 357 iPd    57 08.00    1.0
PMG    44.55  99 eP     57 15.00   -1.8
CTA    45.38 114 iPc    57 22.60   -0.7
       0.9s    92.44nm          5.6mb
ADE    45.39 137 iPd    57 23.90    0.6
       0.6s    32.00nm          5.4mb
BJI    45.67  15 eP     57 25.00   -0.2
                 ePcP   59 02.00
STK    45.83 132 iPc    57 26.80    0.1
       0.7s    47.00nm          5.5mb
QUE    48.21 317 eP     57 44.60   -1.0
CMS    48.88 129 eP     57 50.00   -0.5
SNY    49.55  21 eP     57 53.70   -1.8
WMQ    49.55 346 P      57 54.70   -0.9
KSH    49.79 333 P      57 57.00   -0.6
YOU    52.00 131 eP     58 14.20   -0.1
MAT    52.35  36 iPc    58 15.20   -1.7
       0.7s    17.12nm          5.2mb
CAN    52.90 132 iPc    58 21.00    0.0
WAM    53.19 133 eP     58 23.70    0.7
COO    53.36 125 iPd    58 25.20    0.8
MDJ    54.20  24 eP     58 29.30   -1.0
AVY    55.49 250 eP     58 55.80   15.5X
MHI    56.87 319 eP     58 48.00   -1.8
KOU    62.10 111 iPc    59 25.10   -0.8
MTD    70.64 254 eP     00 20.00   -0.3
KRI    72.53 254 iPd    00 31.00   -0.7
BUL    73.55 250 iPd    00 37.60    0.0
       0.9s    13.45nm          4.8mb
                 iPP    03 17.20
TCW    73.56 132 eP     00 36.00   -1.1
MNG    74.37 131 P      00 41.00   -0.9
SBA    80.71 169 eP     01 17.10    1.0
       0.8s     7.46nm          4.6mb
MLR    83.59 316 ePd    01 32.00    0.2
BNG    84.38 275 iPd    01 36.90    0.7
       0.8s    18.00nm          5.1mb
BCAO   84.39 275 eP     01 36.70    0.4
       1.0s     9.25nm          4.7mb
SPA    85.92 180 e(P)   01 44.30    1.2
OHR    86.49 311 eP     01 45.70   -0.5
KJF    87.13 335 iPc    01 49.00    0.3
       0.7s    56.10nm          5.8mb
                 i      01 59.00
SUF    87.43 333 iPc    01 50.60    0.4
       0.6s    25.30nm          5.5mb
NUR    87.62 331 iPc    01 51.80    0.7
       0.6s    45.60nm          5.8mb
SPC    88.07 319 iP     01 54.70    0.9
SOD    88.39 338 iP     01 54.80    0.1
KRA    88.40 320 eP     01 55.50    0.4
KEV    88.86 340 iP     01 57.20    0.3
       0.6s    22.20nm          5.5mb
                 i      02 06.90
ZST    90.01 318 i(P)   02 03.50    0.8
UPP    90.98 330 iP     02 06.90    0.0
LJU    91.57 316 eP     02 10.40    0.5
PRU    91.85 320 P      02 12.00    0.9
VOY    92.01 316 eP     02 12.30    0.2
KHC    92.42 319 P      02 14.50    0.7
KBA    92.45 317 eP     02 13.00   -1.2
       1.0s     4.20nm          4.8mb
                 i      02 17.80
CLL    92.91 321 iP     02 16.40    0.4
HFS    92.97 330 eP     02 15.80   -0.3
       0.7s    12.30nm          5.4mb
GRF    93.98 319 eP     02 21.50    0.5
NB2    94.22 331 P      02 18.80   -3.1X
       0.7s     4.30nm          5.0mb
YKA   115.59  18 ePKP   07 44.60   -0.3
YKC   115.64  18 ePKP   07 45.00    0.0
       0.9s     7.00nm
FRB   120.13 355 ePKP   07 53.00   -0.5
PNT   122.50  31 ePKP   07 58.00   -0.5
FFC   125.74  17 ePKP   08 04.00   -0.6
       0.8s     6.00nm
LRM   128.46  31 ePKP   08 10.20   -0.3
SCH   128.71 352 ePKP   08 10.50    0.2
EUR   130.44  39 iPKP   08 15.40    1.0
ITR   139.07 252 ePKP   08 21.90   -9.2X
ALQ   139.20  38 e(PKP) 08 24.00   -7.0X
VAO   139.88 226 e(PKP) 08 32.00   -0.4
SOB1  141.27 250 ePKP   08 29.40   -5.7X
                 e      08 35.40

                 e      08 38.30
TUL   144.09  26 iPKPc  08 37 10   -2.2
       0.8s   110.40nm
RLO   144.20  25 iPKPc  08 37.40   -2.1
FVM   144.25  18 ePKP   08 37 00   -2 5X
       0 6s    65.67nm
LTX   144.67  42 iPKPc  08 46 66    0.6
       0.6s    29.67nm
BHO   145.79  26 ePKPc  08 42.40    0 2
JCT   146.32  36 iPKP   08 44.50    1.2
       1.0s   120.00nm
RSCP  147.76  13 ePKP   08 47.30    1.9
       0.9s    27.12nm
SLA   149.08 201 ePKP   08 52.80    4.8X
PRM   149.82   8 ePKP   08 48.20   -0.4
                 pP     08 56.60
YJA   151.40 204 ePKP   08 53.80    1.9
TPZ   153.20 198 PKPd    08 55.20    0.8
                 i      09 01.50
LPB   157.52 204 ePKP   09 07.00    6.7X
ZOBO  157.77 204 PKPc    09 02.20    1.4
      S.D. = 1.0  on  96 of 109 obs.

   JUN 12, 1985  11h 03m 04.94± 0.78s
   15.765 N ± 5.7km   93.966 W ± 5.2km
   DEPTH =  62.9 ±  7.0 km
   5.5mb ( 73 obs.)
 NEAR COAST OF CHIAPAS, MEXICO    ( 69)

PBJ     1.54 296 iP      03 30.00   -0.6
                 iS     03 46.00
COM     1.83  74 iP      03 40.00    5.1X
                 iS     04 06.00
VHO     3.03 299 iP      03 49.20   -2.5
TPM     5.82 304 iP      04 32.00    1.0
                 iS     05 32.00
III     5.87 297 iP      04 31.00   -0.6
IIP     5.91 308 eP      04 33.80    1.4
UNM     6.11 306 eP      04 36.00    0.9
TAC     6.16 307 iP      04 40.00    4.2X
IIC     6.42 309 iP      04 41.00    1.5
OXM     6.49 304 iP      04 42.00    1.6
PIM     7.97 289 iP      04 59.00   -1.6
GCM    12.50  72 P       06 02.75    0.7
                 S      08 19.35
JCT    15.59 341 eP      06 42.80    0.4
       1.0s   105.00nm          5.0mb
LTX    16.19 328 eP      06 51.10    1.1
       1.5s    37.14nm          4.3mb X
BHO    18.55 358 eP      07 18.50   -0 6
OLY    19.78   6 P       07 31.20   -1 6
TUL    20.13 356 ePd     07 35.20   -1.2
       1.0s   130.70nm          5.2mb
     Z 19s      0.18um          3.4Msz
                 e      11 13.00
                 e(S)   11 26.00
RLO    20.34 358 iPd     07 37.90   -0 7
PRM    21.02  28 P       07 46.40    0 8
RSCP   21.13  19 eP      07 46.60    0 8
ALQ    22.14 332 iPc     07 57.90    0.9
       0.8s    15.67nm          4.5mb
FVM    22.35   7 eP      07 56.00   -2 8
       0.7s    33.33nm          4.9mb
BOG    22.47 117 eP      08 06.00    5.5X
GLA    25.55 316 P       08 30.20    0.6
GLD    25.84 340 P       08 33.10    0.7
GOL    25.85 340 iP      08 33.00    0.4
       0.9s    31.44nm          4.8mb
RMU    26.04 328 eP      08 34.80    0.6
BAR    26.60 313 eP      08 51.00   11.7X
PLM    27.11 314 eP      08 44.00   -0.1
MSU    27.75 328 P       08 50.30    0.4
GSC    28.22 318 eP      08 55.00    1.0
MWC    28.42 315 eP      09 11.00   15.0X
PAS    28.46 314 eP      09 16.00   20.0X
SBB    28.53 316 eP      08 56.00   -0.8
DAU    28.80 332 P       08 59.80    0.4
CLC    29.04 318 eP      09 01.00   -0.4
RSSD   29.53 345 P       09 05.80   -0 1
BDW    30.06 337 iP      09 10.00   -0.6
       1.0s     7.40nm          4.4mb X
EUR    30.47 325 iP      09 14.30    0.0
       0.5s    11.57nm          4.9mb
MNA    31.03 321 eP      09 20.80    1 7
TMI    31.44 334 P       09 22.80    0 1
BMN    31.82 325 eP      09 26.10    0.1
       1.0s    10.50nm          4.6mb
```

12d 11h

JAS1 32.12 318 eP 09 29.50 1.1
LHC 32.79 6 eP 09 32.00 -2.1
0.6s 430.00nm 6.5mb
OTT 33.29 24 eP 09 39.00 0.5
LRM 33.74 336 eP 09 42.70 0.0
ORV 33.76 320 e(P) 09 43.10 0.4
MNT 34.22 26 eP 09 47.00 0.5
RSON 35.01 0 eP 09 51.20 -2.0
0.9s 57.56nm 5.5mb
SES 37.20 342 ePc 10 11.50 -0 3
NEW 37.59 334 eP 10 13.00 -2.0
FFC 39.37 353 iPc 10 29.20 -0.6
1.0s 95.00nm 5.6mb
PNT 39.45 334 eP 10 31.00 0.4
0.8s 10.00nm 4.7mb
ZOBO 40.79 140 ePc 10 42.30 -0.2
Z 20s 0.23um 4.0Msz
LR 24 40.00
LPB 41.00 140 eP 10 42.00 -2.1
eLR 24 50.00
TPZ 44.52 145 Pc 11 27.00 14.3X
i 11 46.00
YJA 46.89 143 ePd 11 31.80 0.2
YKC 48.85 348 ePc 11 48.80 3.0X
0.8s 46.00nm 5.6mb
RSNT 48.88 347 P 11 45.30 -0.6
0.9s 50.42nm 5.5mb
YKA 48.89 347 eP 11 45.70 -0.4
FRB 51.05 14 ePc 12 00.60 -2.0
0.8s 138.00nm 6.0mb
SOB1 58.11 112 eP 12 53.30 -1.4
1 0s 16 20nm 5.1mb
i 12 55.30
e 12 57.50
ENP 58.20 344 iPc 12 53.00 -1.6
0 7s 21.00nm 5.4mb
VAO 59.99 129 eP 13 06.90 -0.7
e 13 25.40
PMR 59.99 333 P 13 07.90 0.9
0.8s 8.62nm 4.9mb
ITR 60.16 110 ePc 13 07.80 -1.0
1.4s 16.60nm 5.0mb
e 13 55.40
FBA 60.88 337 P 13 10.60 -2.5
1.0s 20.00nm 5.2mb
MBC 61.94 353 iPc 13 19.10 -1.0
0.8s 43.00nm 5.6mb
TTA 63.47 333 P 13 28.80 -1.7
1.0s 12.50nm 4.9mb
ALE 67.93 4 ePc 13 56.90 -1.7
0.9s 46.00nm 5.5mb
AKU 69.93 25 iPc 14 11.10 0.0
0.9s 40.34nm 5.4mb
DAG 71.37 14 iPd 14 18.20 -1.5
0.6s 18.00nm 5.2mb
DCN 75.56 38 iPc 14 43.80 -0.6
DLE 76.00 38 eP 14 46.40 -0.5
0.8s 70.00nm 5.6mb
EAB 76.86 35 iPc 14 51.30 -0.4
0.8s 64.00nm 5.6mb
ELO 77.16 35 iPc 14 53.00 -0.4
0.8s 50.00nm 5.5mb
EBH 77.31 35 iPc 14 54.00 -0.2
0.7s 68.00nm 5.7mb
EAU 77.40 35 ePc 14 54.30 -0.4
0.9s 58.00nm 5.6mb
EDU 77.53 35 iPc 14 55.30 -0.1
0.8s 103.00nm 5.9mb
EDI 77.54 35 ePc 14 55.20 -0.2
0.7s 78.00nm 5.8mb
ESK 77.63 36 eP 14 55.00 -0.9
0 5s 14.40nm 5.2mb
EBL 77.64 35 iPc 14 55.70 -0.3
0.9s 62.00nm 5.6mb
EKA 77.65 36 Pd 14 56.20 0.1
0.9s 93.90nm 5.8mb
ESY 77.86 35 iPc 14 57.20 0.0
0.7s 96.00nm 5.9mb
LPF 80.38 43 eP 15 10.90 -0.1
0.8s 49.70nm 5.5mb
GRR 80.42 42 iPc 15 11.60 0.4
0.8s 73.30nm 5.7mb
FLN 80.58 42 eP 15 12.40 0.4
0.8s 73 60nm 5.7mb
LGR 80.60 49 ePd 15 16.00 3.7X
LDF 80.85 42 iPc 15 13.80 0.3
0 8s 42.90nm 5.4mb

MFF 81.30 44 eP 15 15.90 0.0
0.9s 39.30nm 5.4mb
LFF 82.30 46 eP 15 21.10 0.0
0.8s 42.30nm 5.5mb
EPF 82.50 48 iPc 15 22.20 -0.1
1.1s 44.90nm 5.4mb
LSF 82.51 44 eP 15 21.80 -0.4
0.7s 31.00nm 5.4mb
LPO 82.67 46 eP 15 23.20 0.1
1 1s 43.90nm 5.3mb
RJF 82.74 45 eP 15 23.60 0.2
0.8s 41.30nm 5.5mb
TCF 82.95 44 iPc 15 24.20 -0.3
0.7s 33.60nm 5.4mb
UCC 83.10 39 Pc 15 26.50 1.4
CAF 83.21 45 eP 15 25.60 -0.3
0.8s 30.80nm 5.3mb
GRC 83.25 43 iPc 15 25.90 -0.1
BGF 83.30 44 iPc 15 26.30 0.0
DOU 83.44 40 Pc 15 27.40 0.5
0.8s 95.00nm 5.8mb
NB2 83.50 28 P 15 24.80 -2.2
1.0s 66.20nm 5.6mb
AVF 83.58 43 iPc 15 27.20 -0.4
0.8s 39.10nm 5.5mb
SSF 83.60 43 iPc 15 27.40 -0.4
LOR 83.77 43 iPc 15 28.70 0.0
1.0s 64.00nm 5.6mb
WIT 83.87 37 eP 15 30.00 1.0
LBF 83.93 43 iPc 15 29.10 -0.4
1.0s 26.60nm 5.2mb
SMF 83.94 43 iPc 15 29.20 -0.3
0.8s 26.80nm 5.3mb
ENN 84.06 39 iPc 15 30.50 0.5
0.8s 97.00nm 5.9mb
MEM 84.15 39 Pc 15 30.90 0.5
WTS 84.21 38 ePc 15 31.50 0.8
1.0s 105.00nm 5.8mb
BNS 84.75 39 eP 15 34.50 1.1
1.3s 200.00nm 6.0mb
HFS 84.98 29 eP 15 35.20 0.8
1.0s 40.00nm 5.4mb
Z 24s 0.27um 4.5MszX
LR 44 30.00
HAU 85.16 42 iPc 15 36.00 0.4
1.0s 96.10nm 5.8mb
KEV 85.37 17 iP 15 36.50 0.3
0.5s 182.00nm 6.4mb
BSF 85.50 42 iPc 15 37.70 0.3
1.0s 96.20nm 5.9mb
CDF 85.63 41 iPc 15 38.40 0.4
1.0s 84.00nm 5.8mb
GWF 85.66 40 iPc 15 38.30 0.2
TNS 85.76 39 iPc 15 39.40 0.8
CDR 86.12 46 iPc 15 40.90 0.4
i 15 41.20
i 15 48.40
BUH 86.14 40 ePc 15 40.90 0.4
EMS 86.15 43 eP+ 15 41.50 0.7
LPG 86.22 44 iPc 15 42.30 1.0
1.5s 106.30nm 5.8mb
DIX 86.47 43 eP+ 15 43.50 1.0
LRG 86.60 46 iPc 15 43.20 0.4
1.0s 124.00nm 6.0mb
SOD 86.60 19 iP 15 41.50 -0.8
SLE 86.61 41 eP+ 15 43.40 0.6
ZUL 86.64 42 eP+ 15 43.60 0.6
LMR 86.74 46 iPc 15 43.80 0.3
FRF 86.76 46 iPc 15 43.80 0.2
1.0s 104.30nm 6.0mb
MMK 86.84 43 eP+ 15 45.60 1.4
UPP 86.89 28 iP 15 43.60 -0.2
LLS 87.24 42 eP+ 15 47.10 1.0
SAX 87.33 42 eP+ 15 47.50 0.9
MOX 87.50 38 eP 15 48.00 1.0
1.5s 56.00nm 5.5mb
KIC 87.55 84 eP 15 47.00 -0.9
GRF 87.62 39 iPd 15 49.50 1.9
1.2s 86.00nm 5.8mb
Z 22s 0.10um 4.2Msz
VDL 87.67 42 eP+ 15 49.20 1.0
OSS 88.04 42 eP+ 15 50.70 0.8
CLL 88.06 37 eP 15 50.00 0.3
1.2s 29.00nm 5 3mb
CVF 88.63 46 iPc 15 52.40 -0.2
1.0s 56.50nm 5.8mb
KJF 88.77 22 iP 15 52.00 -0.8

0.8s 26.40nm 5.5mb
SUF 89.03 23 iP 15 53.60 -0.5
0.8s 7.10nm 5.0mb
KHC 89.26 39 iPc 15 56.10 0.6
1.0s 26.00nm 5.5mb
PRU 89.49 38 P 15 57.00 0.5
NUR 89.63 26 iP 15 56.40 -0.5
0.9s 25.30nm 5.5mb
KBA 89.93 41 i(P) 15 59.10 0.3
0.6s 7.10nm 5 1mb
i 16 03.10
VOY 90.69 42 eP 16 02.40 0.1
ZST 91.77 39 eP 16 08.50 1.4
KRA 92.58 36 eP 16 11.20 0.5
SRO 92.67 39 eP 16 12.80 1.6
SPC 93.17 37 eP 16 15.20 1.5
OHR 97.35 44 e(P) 16 33.20 0.4
SKO 97.36 43 e(P) 16 33.50 0.7
BUL 125.42 104 iPKPd 22 03.70 2.3X
0.8s 5.97nm
KRI 126.00 100 iPKPd 22 05.00 2.4X
MTD 127.86 99 ePKP 22 06.00 -0.1
WRA 133.95 257 PKPd 22 16.70 -0.8
0.7s 1.70nm
HYB 146.21 13 ePKPc 22 39.00 -0.6
0.9s 45.00nm
GBA 149.61 17 PKPc 22 48.30 3.4X
0.7s 14.10nm
S.D. = 0.9 on 148 of 160 obs.

% JUN 12, 1985 12h 17m 49.58± 0.86s
39.668 N ± 7.1km 28.623 E ±10.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.06 176 iPg 17 50.40 -1.5
iSg 17 51.90
KCT 0.61 341 iPg 18 01.10 -0.9
EDC 0.89 320 iPg 18 05.90 -0.8
iSg 18 17.90
KGT 1.28 308 ePn 18 14.00 0.7
GPA 1.44 64 iPn 18 16.60 0.9
CTT 1.48 354 iPn 18 16.60 0.3
IZM 1.65 220 ePn 18 19.90 1.1
S.D. = 1.3 on 7 of 7 obs.

& JUN 12, 1985 12h 45m 33.73s
62.348 N 149.043 W
DEPTH = 45.5km
CENTRAL ALASKA (1)
<AGS-P>.

MSE 0.51 176 iP 45 44.50 -0.6
GHO 0.58 174 iP 45 45.40 -0.5
eS 45 54.64
SML 0.64 148 iP 45 45.91 -0.7
PWA 0.80 210 eP 45 48.13 -0.7
eS 45 59.38
SCM 0.96 122 eP 45 50.56 -0.5
eS 46 06.39
KNK 0.98 163 iP 45 50.86 -0.4
PMS 1.13 193 eP 45 53.08 -0.4
SUA 1.20 223 eP 45 54.10 -0.4
SKT 1.22 254 eP 45 53.87 -0.9
eS 46 12.49
CFI 1.32 152 eP 45 55.59 -0.4
TOA 1.37 99 eP 45 57.44 0.7
PTE 1.49 180 eP 45 58.15 -0.3
TTV 1.59 144 eP 46 00.24 0.4
eS 46 21.72
KLU 1.71 119 eP 46 01.49 -0.1
GLI 1.74 147 eP 46 01.77 -0.3
eS 46 24.68
CGLM 1.75 235 eP 46 01.77 -0.5
VZW 1.75 136 eP 46 01.95 -0.3
eS 46 25.73
VLZ 1.78 132 eP 46 01.85 -0.6
SPU 1.85 232 eP 46 03.04 -0.6
MPA 1.87 185 eP 46 03.25 -0.6
SLKM 1.93 198 eP 46 04.86 0.1
FID 2.02 141 eP 46 05.51 -0.5
eS 46 31.45
KMP 2.07 112 eP 46 06.85 0.0
SEW 2.26 185 eP 46 11.32 2 0
RDT 2.40 224 eP 46 10.52 -1.0
FBA 2.62 12 eP 46 13.24 -1.3
26 obs. associated

JUN 12, 1985 13h 23m 13.60± 0.72s
24.621 N ± 4.3km 122.337 E ± 4.6km
DEPTH = 30.4 ± 5.9 km
4.3mb (3 obs.) 4.1Msz (1 obs.)
TAIWAN REGION (243)
Felt on northern Taiwan.

TATO	0.85	295	iP	23	28.80	-0.5
ANP	0.93	307	iPd	23	31.00	0.4
			eS	23	49.00	
ISI	1.69	99	eP	23	42.00	0.5
			S	24	03.00	
MYK	2.69	86	eP	24	02.00	6.4X
OZH	3.42	276	ePn	24	05.30	-0.8
PIP	6.47	195	iPc	24	48.00	-1.2
SSE	6.53	351	Pc	24	47.50	-2.6
			S	26	09.00	
HKC	7.84	255	eP	25	08.50	0.0
			eS	26	31.50	
NJ2	8.01	338	Pc	25	07.60	-3.2X
			S	26	34.60	
			Lg	27	20.00	
BAG	8.33	192	eP	25	15.00	-0.5
GZH	8.37	261	Pc	25	15.40	-0.5
MCO	8.44	255	eP	25	17.30	0.5
WHN	9.22	312	eP	25	26.50	-1.0
			eS	27	09.00	
			Lg	27	54.00	
			e	28	06.00	
QCP	10.00	187	eP	25	28.00	-10.4X
TIA	12.39	340	eP	26	13.60	2.8X
			Lg	29	56.50	
QIZ	12.86	247	eP	26	18.30	1.2
SHK	13.35	40	eP	26	29.90	6.4X
DL2	14.25	358	eP	26	36.50	1.2
			eS	29	21.00	
GYA	14.27	281	P	26	35.00	-0.7
BJI	16.22	343	eP	27	02.00	1.2
			eS	30	04.00	
SNY	17.19	3	Pc	27	14.00	1.0
			eS	30	27.00	
CD2	17.59	295	P	27	17.50	-0.6
KMI	17.79	276	Pc	27	22.00	1.1
E	11s		7.70um			
			eS	30	39.00	
			sS	30	50.00	
MAT	18.08	45	eP	27	28.00	3.8X
	0.9s		5.04nm		3.7mb	
Z	20s		2.31um			
			eS	30	58.00	
HHC	18.52	333	P	27	31.00	1.4
BTO	18.98	330	P	27	35.00	-0.2
			S	31	09.00	
CN2	19.30	7	Pd	27	39.20	0.3
			sP	27	52.00	
			PP	27	59.00	
			S	31	17.50	
LZH	19.59	310	P	27	43.00	0 5
	1.6s	1183	.00nm		5.9mb X	
N	11s		2.50um			
E	13s		2.90um			
			S	31	27.00	
			Lg	33	54.00	
			e	34	00.50	
LOE	20.52	253	eP	27	55.00	2.9X
MDJ	20.80	15	eP	27	54.50	-0.3
CHG	22.47	260	eP	28	13.50	1.7
NST	22.64	251	eP	28	14.00	0.6
GUMO	23.91	113	eP	28	26.60	0.8
PJG	23.91	113	eP	28	26.60	0.8
GTA	24.04	313	P	28	27.40	0.4
SHL	27.57	278	iP	29	00.20	0.0
WMQ	34.12	313	eP	29	59.00	1.1
NDI	40.35	286	eP	30	50.00	-0.3
KSH	41.54	302	eP	30	58.00	-2.1
WRA	45.81	164	Pd	31	33.80	-0.8
	0.8s		10.50nm		4.8mb	
WB2	45.81	164	iPc	31	34.20	-0.4
QUE	49.09	289	eP	32	03.00	2.5
ASPA	49.29	166	eP	32	02.00	0.2
WBN	50.63	175	eP	32	12.00	0.0
MHI	54.56	298	eP	32	42.00	0.5
KEV	68.96	338	eP	34	16.00	-1.6
SOD	69.70	336	iP	34	21.20	-0.9
KJF	70.10	332	eP	34	23.00	-1.6
			eS	43	20.00	
			eSSS	51	40.00	

SUF	71.19	331	eP	34	35.00	3.8X
INK	72.44	22	eP	34	38.00	-0.6
NUR	72.55	329	eP	34	51.00	11.6X
Z	18s		0.10um		4.1Msz	
			eS	44	06.00	
			eSSS	52	06.00	
NB2	78.33	332	P	35	07.00	-5.2X
	0.7s		2.50nm		4.3mb	
S.D. = 1.1 on 42 of 52 obs.						

JUN 12, 1985 14h 05m 19.18± 0.32s
43.123 N ± 2.5km 27.490 E ± 3.9km
DEPTH = 10.0km (geophysicist)
4.3mb (12 obs.)
BULGARIA (359)

PSN	0.75	42	iPd	05	33.00	-0.9
JMB	0.94	226	iPc	05	38.00	1.0
CVD	1.27	18	eP	05	44.00	1.2
CGN	1.50	314	ePc	05	47.00	0.9
TLB	1.52	15	ePd	05	47.10	0.8
BUC1	1.62	320	iPd	05	48.00	0.2
BUC	1.64	322	iPd	05	49.00	0.9
PVL	1.70	272	iPc	05	50.00	1.0
CTT	2.09	160	iPn	05	55.00	0.3
CFR	2.12	13	iPc	05	55.30	0.3
ISR	2.13	342	ePd	05	57.80	2.5X
KDZ	2.17	228	iPd	05	56.00	0.2
			iS	06	37.00	
MFT	2.34	184	ePn	05	58.00	-0.4
ISK	2.36	150	iPn	05	59.50	0.9
BRD	2.41	353	ePd	06	02.60	3.3X
MLR	2.62	335	ePd	06	03.60	1.3
KGT	2.67	183	iPn	06	03.50	0.5
CMP	2.78	321	ePd	06	07.00	2.5X
EDC	2.79	174	ePn	06	04.90	0.2
VRI	2.80	349	ePd	06	06.10	1.3
DRA	2.81	305	eP	06	05.00	0.1
CVO	2.86	341	iPd	06	06.50	0.8
KCT	2.94	167	iPn	06	06.00	-0.9
PPE	3.10	2	ePd	06	12.00	3.1X
BIR	3.14	2	eP	06	14.00	4.4X
MMB	3.18	242	iPc	06	11.00	0.7
VTS	3.20	262	iPd	06	11.00	0.6
			iSg	06	19.00	
EZN	3.41	195	iPn	06	12.40	-1.0
CLI	3.43	358	iPd	06	15.10	1.3
SRE	3.46	298	eP	06	26.00	11.9X
MSR	3.48	328	eP	06	10.00	-4.5X
SRS	3.52	237	ePnd	06	15.20	0.1
			eSn	06	51.20	
GPA	3.53	142	iPn	06	15.60	0.4
DST	3.62	166	iPn	06	16.40	-0.1
OUR	3.83	224	ePn	06	18.20	-1.2
DOC	3.84	350	eP	06	24.50	4.9X
SOH	3.85	235	ePn	06	19.80	0.1
			eSn	07	01.40	
KNT	3.94	242	ePn	06	21.10	0.2
			eSn	07	28.90	
IAS	4.07	1	eP	06	57.00	34.2X
VAY	4.07	245	iPn	06	22.60	-0.2
			i	06	31.30	
			iSn	06	32.50	
THE	4.20	235	ePn	06	23.70	-0.9
DEV	4.29	312	iPc	06	25.00	-0.9
GRG	4.36	242	ePn	06	29.70	2.6X
SSR	4.50	295	iP	06	29.00	0.1
HNM	4.59	336	eP	06	31.00	0.7
VLR	4.59	322	eP	06	30.00	-0.3
SKO	4.62	258	ePn	06	32.30	1.7
Z	11s		2.25um			
N	10s		2.50um			
			i	06	44.80	
			iSn	07	37.20	
IZM	4.72	182	eP	06	39.00	6.8X
LIT	4.81	233	ePn	06	32.60	-0.8
OHR	5.37	250	ePn	06	58.20	16.9X
JOS	7.24	320	eP	07	05.60	-2.0
SPC	7.88	323	e(P)	07	14.50	-2.2
SRO	7.97	309	eP	07	44.00	26.2X
			i	08	15.30	
KRA	8.66	326	eP	07	26.70	-0.7
			e	07	46.50	
ZST	8.87	308	eP	08	03.00	32.8X
			e	09	23.00	
LJU	9.70	292	eP	07	40.90	-0.8
			e	08	20.00	

			e(S)	10	12.70	
VOY	10.13	291	eP	08	06.00	18.2X
			e(S)	09	46.00	
KSP	10.86	319	eP	07	57.00	-0 6
PRU	11.24	312	eP	08	17.00	14.1X
Z	11s		1.30um			
N	13s		0.70um			
E	12s		0.80um			
			e	10	28.50	
KHC	11.36	307	P	08	03.80	-0.8
			e	10	23.00	
CDF	15.05	298	eP	08	59.50	5.9X
BSF	15.25	295	eP	09	01.00	4.8X
	1.4s		35.40nm		4.5mb	
HAU	15.58	296	eP	09	04.80	4.5X
	1.4s		36.80nm		4.5mb	
LBF	17.04	291	eP	09	21.40	2.4X
	1.1s		14.40nm		4.0mb	
LOR	17.14	292	eP	09	22.70	2.4X
SSF	17.37	291	eP	09	25.00	2.0
NUR	17.50	355	eP	09	15.00	-9.5X
	0.8s		14.70nm		4.2mb	
			i	12	24.50	
			i	19	20.20	
UPP	17.81	344	eP	09	28.00	-0.4
TCF	18.22	289	eP	09	34.10	0.4
	1.4s		13.70nm		3.9mb	
LSF	18.69	289	eP	09	38.70	-0.8
	1.9s		27.90nm		4.1mb	
SUF	19.65	358	eP	09	46.00	-4.7X
MFF	19.85	290	eP	09	50.00	-3.0X
	1.3s		24.50nm		4.4mb	
LDF	19.94	296	eP	09	51.90	-2.0
	1.5s		52.20nm		4.6mb	
FLN	20.19	296	eP	09	53.20	-3.3X
	1.2s		44.00nm		4.7mb	
NB2	20.44	337	P	09	53.80	-5.3X
	0.7s		3.30nm		3.8mb	
LPF	20.50	294	eP	09	56.80	-3 0X
	1.5s		32.80nm		4.5mb	
KJF	21.12	0	eP	10	04.00	-2 0
	0.8s		16.10nm		4.5mb	
			e	13	39.00	
TOL	23.77	273	eP	10	34.00	1 5
SOD	24.31	359	eP	10	36.00	-1.4
KEV	26.70	360	eP	11	06.00	6.1X
			e	15	53.00	
S.D. = 1.0 on 52 of 80 obs.						

? JUN 12, 1985 15h 02m 17.21± 9.36s
31.400 S ±47.1km 69.887 W ±74.7km
DEPTH = 141.5 ± 33.1 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.93	96	iPd	02	40.70	-0.3
			S	02	54.80	
ZON	1.04	98	eP	02	42.00	0.1
			eS	02	56.00	
RTLL	1.21	87	iPd	02	43.80	0.3
			(S)	02	59.60	
RTCV	1.24	112	iPc	02	43.70	-0.1
			(S)	02	59.50	
CFA	1.42	99	iPc	02	45.70	0.0
			S	03	03.20	
MDZ	1.72	150	iP	02	49.10	0.1
			iS	03	11.00	
RFA	3.57	161	ePc	03	12.30	0.0
			(S)	03	51.00	
TCA	4.53	91	ePd	03	25.10	0.0
			S	04	12.70	
S.D. = 0.2 on 8 of 8 obs.						

& JUN 12, 1985 15h 15m 00.08s
37.248 N 116.489 W
DEPTH = 0.0km
5.5mb (67 obs.) 4.5Msz (1 obs.)
SOUTHERN NEVADA (41)
<DOE>. ML 5.3 (BRK). 37° 14' 52.28" N., 116° 29' 20.60" W., Surface Elev. 1900 m., Depth of Burial 608 m., Shot Time 151500.082, "SALUT", Nevodo Test Site (Depth. of Energy).

VPEM	1.68	220	P	15	31.00	0.0
CLC	1.68	212	iPc	15	30.40	-0.6
MNA	1.77	312	iPc	15	31.50	-0.9

12d 15h

GSC	1.96	188	iPc	15	34.30	-0.7		0.9s	345.00nm		5.7mb			0.9s	15.20nm		5.1mb
WkTM	2.14	228	P	15	37.20	-0.4	OLY	20.21	87 P	19	38.00	-1.3	LDF	77.56	38 eP	26	57.90	-1.4
ISA	2.25	226	iPd	15	38.80	-0.4	FVM	20.64	80 P	19	42.60	-1.2		1.2s	59.50nm		5.6mb
EUR	2.27	10	iP	15	38.50	-1.1	RSON	21.18	43 P	19	46.70	-2.5	UCC	78.11	34 Pc	27	02.20	0.0
FRI	2.59	265	iPc	15	43.60	-0.3		1.2s	268.97nm		5.5mb		WTS	78.30	32 eP	27	02.00	-1.3
SDW	2.68	190	P	15	44.60	-0.7	CHI	22.67	69 P	20	04.00	-0.2	DOU	78.71	34 Pd	27	04.60	-1.0
SBB	2.77	203	iPc	15	45.70	-1.0	LHC	22.75	52 eP	20	03.00	-1.9	ENN	78.82	33 iPc	27	04.80	-1.3
TPC	3.16	173	iPd	15	50.80	-1.2		0.8s	129.00nm		5.5mb			1.2s	80.00nm		5.6mb
JAS1	3.20	283	iPc	15	51.60	-1.0	IIC	23.01	134 iP	20	09.50	1.4	MFF	78.91	39 eP	27	05.30	-1.5
			iPg	16	00.00		OXM	23.15	136 iPc	20	13.00	3.6		1.1s	48.80nm		5.5mb
			eS	16	50.00		SIT	23.45	334 eP	20	13.00	1.4	MEM	78.97	33 Pc	27	06.20	-0.8
BMN	3.23	350	P	15	52.60	-0.6	RSCP	24.87	84 P	20	25.20	-0.5	MAT	79.18	308 iPc	27	07.20	-1.3
MWC	3.28	203	ePc	15	53.30	-0.6		0.8s	106.38nm		5.6mb			0.8s	38.06nm		5.5mb
WCN	3.29	310	P	15	53.20	-1.0	YKC	25.29	2 ePc	20	27.60	-1.8	LSF	79.99	38 iPc	27	10.80	-1.8
PHAM	3.45	247	P	15	55.80	-0.4		1.0s	101.00nm		5.5mb			1.2s	31.40nm		5.1mb
PRI	3.53	253	iPc	15	57.20	-0.3	YKA	25.30	2 eP	20	28.00	-1.5	GRC	80.01	37 iPd	27	11.70	-1.0
HAY	3.60	169	ePc	15	56.90	-1.4	UTO	25.70	70 iPc	20	32.20	-1.3	TCF	80.30	38 iPc	27	12.40	-1.9
LLA	3.62	261	iPc	15	57.60	-1.1	VHO	26.47	134 iPc	20	42.00	1.0		0.9s	25.70nm		5.2mb
SLC	3.78	269	P	15	59.80	-1.2	PRM	27.82	86 P	20	51.20	-1.8	SSF	80.38	37 iPc	27	13.10	-1.6
SAC	4.00	265	eP	16	02.80	-1.2	BLA	28.61	79 eP	20	59.20	-1.0		1.2s	72.50nm		5.5mb
APN	4.02	273	P	16	03.20	-1.2		1.3s	288.46nm		5.9mb		LOR	80.40	37 iPc	27	13.40	-1.4
PRS	4.02	258	ePc	16	03.20	-1.1	KDC	31.25	323 eP	21	23.00	-0.4		1.1s	76.30nm		5.6mb
			e	16	10.30		OTT	31.41	62 eP	21	23.00	-1.9	BGF	80.42	38 iPc	27	13.10	-1.8
MHC	4.11	273	iPgc	16	05.00	-0.7	PME	31.70	331 eP	21	27.10	-0.2		0.8s	31.50nm		5.3mb
			eS	17	10.20			1.3s	141.50nm		5.7mb		LGR	80.49	43 iPd	27	17.00	1.6
DUG	4.11	43	P	16	04.60	-1.1	PMR	31.72	331 P	21	27.50	0.1	AVF	80.50	37 iPc	27	13.50	-1.8
CIS	4.14	203	ePc	16	04.80	-1.2		1.0s	80.00nm		5.6mb			1.2s	58.80nm		5.4mb
BLP	4.16	231	P	16	05.80	-0.4	RSNY	32.26	64 P	21	30.10	-2.3	MZF	80.54	38 iPc	27	13.80	-1.8
SLBC	4.29	189	iP	16	07.30	-0.7		1.0s	50.00nm		5.4mb			0.9s	31.80nm		5.3mb
CPE	4.39	187	iPd	16	08.30	-1.2	INK	32.51	348 iPc	21	32.70	-1.6	LBF	80.66	37 iPc	27	14.50	-1.7
GCC	4.41	269	e(P)	16	07.60	-2.2	MNT	32.88	62 iPd	21	35.50	-2.3		1.2s	50.60nm		5.4mb
			e	16	15.00			1.2s	83.00nm		5.5mb		SMF	80.84	37 iPc	27	15.20	-2.0
BAR	4.56	182	ePc	16	10.60	-1.4	FBA	33.29	336 eP	21	40.00	-1.1		1.2s	66.60nm		5.5mb
ORV	4.56	302	iPc	16	10.60	-1.4	TTA	35.16	330 eP	21	56.60	-0.8	GWF	80.88	34 eP	27	15.60	-1.7
IKP	4.60	176	eP	16	11.90	-0.7	IMA	35.95	335 eP	22	03.60	-0.5	HAU	81.03	35 eP	27	16.60	-1.5
BKS	4.61	280	iPc	16	11.50	-1.1	SCH	37.80	46 eP	22	17.00	-2.6		1.2s	57.20nm		5.5mb
			i	16	22.90		FRB	38.96	32 ePc	22	27.70	-1.5	CDF	81.15	34 iPc	27	17.30	-1.5
			i	18	04.00			0.8s	68.00nm		5.3mb			1.2s	47.60nm		5.4mb
BRK	4.63	279	eP	16	11.40	-1.5	MBC	39.11	359 eP	22	30.00	-0.3	MOX	81.30	30 eP	27	18.00	-1.5
ZSP	4.63	280	eP	16	12.30	-0.7		0.5s	28.00nm		5.1mb			1.2s	23.00nm		5.1mb
PCC	4.70	275	eP	16	12.60	-1.3	UPA	43.66	121 iPc	23	06.00	-2.4	CLL	81.34	29 iPc	27	17.90	-1.7
MIN	5.05	309	iPc	16	18.10	-1.0		1.0s	40.00nm		5.2mb			1.3s	31.00nm		5.2mb
DAU	5.16	51	P	16	21.30	0.4			i	23	10.00		TOL	81.34	46 iP	27	18.50	-1.4
MDC	5.77	307	iPc	16	26.60	-2.5	ADK	44.05	309 eP	23	09.00	-2.1		1.2s	3.00nm		4.2mb X
			e	16	48.50		STJ	46.97	56 eP	23	33.00	-1.4	BSF	81.36	35 iPc	27	18.50	-1.5
HPI	6.95	21	P	16	44.00	-2.0	SJG	47.89	99 iP	23	40.20	-1.9		0.9s	66.70nm		5.7mb
TMI	6.99	29	P	16	45.80	-0.6	ALE	48.77	8 ePc	23	45.30	-2.8	BUH	81.37	33 eP	27	18.60	-1.3
BDW	7.66	42	P	16	52.00	-3.9		0.8s	16.00nm		5.1mb		JACH	81.69	142 eP	27	21.00	-0.8
ALQ	8.44	103	eP	17	04.80	-2.0	SDV	50.08	112 iPd	23	58.80	-0.4	ROCH	81.73	143 iP	27	21.10	-1.0
MFW	8.77	351	P	17	13.20	2.2		0.6s	44.40nm		5.6mb		CN2	81.73	320 Pc	27	20.00	-1.8
GOL	9.06	71	P	17	14.80	-0.6	TOV	50.12	111 iPc	23	59.30	0.0	GRF	81.88	31 iPc	27	21.80	-0.7
LRM	9.08	18	eP	17	16.50	0.8		0.7s	123.10nm		5.9mb			1.2s	32.00nm		5.3mb
LON	10.28	339	P	17	34.30	2.3	BOG	50.55	119 eP	24	01.50	-1.4	Z	18s	0.20um		4.5Msz
CLX	11.00	5	iP-	17	42.60	0.7	PSO	50.87	126 eP	24	02.50	-2.9	PEL	82.02	143 eP	27	22.50	-0.9
NEW	11.02	358	P	17	42.60	0.5	DAG	55.82	16 iPd	24	37.10	-3.8	SLE	82.17	34 ePd	27	22.70	-1.4
LHD	11.02	3	iP-	17	43.40	1.2		0.7s	10.96nm		5.0mb		BACH	82.29	143 eP	27	24.00	-0.8
LDM	11.23	4	iP-	17	45.40	0.4	KEV	70.02	13 eP	26	11.00	-4.1	TACH	82.32	143 eP	27	24.40	-0.5
YKM	11.62	3	iP-	17	51.00	0.6	ZOBO	70.04	130 Pd	26	14.40	-2.2	LNV	82.34	144 eP	27	24.10	-0.8
RXF	11.65	4	iP-	17	51.40	0.6	LP8	70.26	130 iPc	26	16.50	-1.3	ZUL	82.34	34 ePd	27	23.80	-1.2
PNT	12.27	350	eP	18	00.00	0.9	ELO	70.74	33 iPc	26	17.00	-2.7	FCH	82.36	142 iP	27	25.50	0.0
	0.9s	124.00nm				6.2mb		1.2s	97.00nm		5.8mb		PCH	82.49	143 eP	27	25.00	-0.9
			pP	18	12.00		E8H	70.97	33 ePc	26	18.40	-2.7	MDZ	82.72	141 e(P)	27	26.80	-0.2
PGC	12.48	338	eP	18	03.00	1.3		1.1s	70.00nm		5.7mb		EMS	82.72	36 ePd	27	26.30	-0.9
LTX	13.31	123	P	18	15.20	2.2	EBL	71.47	33 ePc	26	21.40	-2.7	DIX	82.94	36 ePd	27	27.90	-0.5
SES	13.71	15	eP	18	19.00	0.8		1.2s	74.00nm		5.7mb		KSP	82.97	28 iPd	27	26.70	-1.4
ACO	13.88	87	eP	18	20.40	-0.1	SOD	72.02	14 iP	26	24.20	-3.0	PRU	82.98	29 Pc	27	26.80	-1.4
	1.2s	339.60nm				6.1mb	NB2	73.20	24 P	26	28.50	-5.9		1.4s	26.00nm		5.3mb
RRO	14.72	92	eP	18	31.90	0.4		0.8s	11.90nm		5.1mb		WET	82.98	31 eP	27	27.10	-1.2
	1.3s	213.60nm				5.6mb	KONO	73.71	25 eP	26	35.30	-2.0		1.2s	21.00nm		5.2mb
			e	18	38.10		TPZ	73.72	134 Pc	26	48.00	9.7	LPG	83.06	36 iPc	27	28.40	-0.7
			e	19	38.20		HFS	74.69	23 iP	26	40.60	-2.3		1.1s	36.10nm		5.5mb
JCT	15.41	111	iP	18	40.80	0.3		0.8s	32.30nm		5.4mb		LLS	83.07	34 ePd	27	28.50	-0.5
	1.0s	150.00nm				5.3mb	Z	16s	0.19um		4.5MszX		FUR	83.08	32 eP	27	28.50	-0.3
OCO	15.41	91	e(P)	18	41.20	0.6			LR	57	26.00			1.2s	65.00nm		5.7mb
PHC	15.57	333	ePd	18	43.00	0.7	KJF	75.01	15 iP	26	42.80	-1.9	BAO	83.08	115 eP	27	28.70	-0.7
	1.1s	196.00nm				5.3mb		1.0s	32.00nm		5.3mb		MMK	83.22	35 ePd	27	29.90	0.1
PCO	15.60	86	eP	18	48.20	5.2	SUF	75.96	17 iP	26	47.90	-2.3	MAL	83.23	49 iPd	27	29.30	-0.4
	1.0s	295.10nm				5.5mb		1.1s	21.10nm		5.2mb		KHC	83.28	30 iPd	27	29.00	-0.8
SID	16.30	89	ePc	18	52.00	0.0	UPP	76.12	22 iP	26	48.60	-2.4		1.0s	17.50nm		5.2mb
TUL	16.68	88	eP	18	57.00	0.2	YJA	76.14	132 ePc	26	51.60	-0.7			e	27	48.50	
	1.2s	374.70nm				5.4mb	FLN	77.27	38 eP	26	56.20	-1.5	CRT	83.40	48 eP	27	30.50	-0.2
Z	19s	1.39um				5.0MszX		1.2s	71.40nm		5.7mb		VDL	83.58	34 ePd	27	31.10	-0.5
RLO	17.25	87	eP	19	03.00	-0.9	GRR	77.34	38 eP	26	56.90	-1.2	AVE	83.63	53 iP	27	30.50	-1.4
BHO	17.77	93	eP	19	10.20	-0.2		1.2s	62.90nm		5.6mb		OSS	83.72	34 ePd	27	31.70	-0.6
	1.1s	74.00nm				4.7mb	LPF	77.49	38 eP	26	57.50	-1.4	CDR	83.93	38 iPc	27	32.20	-1.0
			e	19	13.60			1.2s	66.10nm		5.6mb				e	27	50.80	
FFC	20.11	25	iPc	19	35.50	-2.6	NUR	77.51	19 iP	26	57.00	-1.8	SNY	84.10	319 Pc	27	35.00	1.0

SOB1 84.25 106 ePc 27 35.10 -0.1
0.9s 11.40nm 5.1mb
epP 27 36.50 4kmX
e 27 40.60
LRG 84.39 38 iPc 27 34.30 -1.2
1.3s 43.30nm 5.5mb
FRF 84.45 38 iPc 27 34.20 -1.6
1.2s 77.60nm 5.8mb
LMR 84.55 38 iPc 27 34.90 -1.4
1.1s 60.50nm 5.7mb
KBA 84.80 32 iPd 27 36.50 -1.2
1.1s 21.90nm 5.3mb
i 27 40.90
KRA 84.95 26 iPd 27 37.30 -0.8
1.4s 105.00nm 5.9mb
e 27 50.50
ZST 85.42 29 iPc 27 40.00 -0.6
SOP 85.63 30 ePc 27 39.90 -1.7
SPC 85.78 27 eP 27 42.00 -0.6
ITR 85.88 104 iPc 27 42.40 -0.9
1.1s 34.80nm 5.4mb
e 27 46.60
e 27 48.10
e 28 02.10
SRO 86.21 29 iP 27 44.20 -0.3
JOS 86.47 27 eP 27 44.40 -1.4
DL2 87.24 318 Pc 27 49.00 -0.7
GUA 88.62 286 eP 27 53.70 -2.9
GUMO 88.62 286 eP 27 53.50 -3.1
PJG 88.62 286 eP 27 53.70 -2.9
VAO 88.68 120 eP 27 54.70 -2.1
BJI 89.16 322 eP 27 56.00 -2.9
HHC 90.69 326 P 28 05.00 -1.1
BTO 91.58 326 eP 28 09.50 -0.7
TIA 91.63 319 eP 28 09.50 -0.9
TIY 92.79 323 eP 28 15.70 -0.1
SSE 93.23 313 eP 28 17.00 -0.8
VAY 93.30 30 eP 28 16.50 -1.5
XAN 97.43 323 eP 28 35.20 -1.9
WB2 116.79 265 iPKPc 33 46.10 -2.4
SPA 127.06 180 e(PKP) 34 06.00 -1.0
KRI 143.88 65 iPKPc 34 35.00 -4.6
BUL 145.21 70 iPKPc 34 39.10 -2.7
1.2s 64.84nm
i 35 02.20
MTD 145.26 63 iPKPc 34 40.00 -1.9
SWZ 146.36 84 iPKPd 34 43.00 -0.6
1.5s 138.89nm
KSR 146.99 81 iPKPd 34 45.00 0.3
1.0s 70.00nm
BFS 147.39 82 iPKPd 34 45.20 0.0
1.0s 94.00nm
SLR 148.01 79 iPKPc 34 47.70 1.4
1.2s 156.25nm
Z 22s 2.41um 5.9MszX
SEK 148.70 84 iPKPd 34 49.60 2.3
MAW 149.59 180 ePKP 34 51.00 3.8
220 obs. ossociated

JUN 12, 1985 17h 22m 51.67± 0.58s
24.585 N ± 3.3km 122.078 E ± 3.0km
DEPTH = 27.9 ± 4.3 km
5.2mb (37 obs.) 5.8Msz (6 obs.)
TAIWAN REGION (243)
Felt on northern Taiwan. Felt (I JMA) on Ishigoki-shima, Ryukyu Islands.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 26C
Centroid Location:
Origin Time 17:22:50.6 0.3
Lat 24.57N 0.03 Lon 122.04E 0.06
Dep 27.5 3.4 Half-duration 3.3
Moment Tensor; Scale 10**24 D-CM
Mrr=-4.24 0.34 Mtt= 7.83 0.29
Mff=-3.60 0.57 Mrt=-1.56 0.69
Mrf=-1.53 0.45 Mtf=-3.71 0.23
Principal Axes:
T Val= 9.02 Plg= 5 Azm=196
N -2.60 48 101
P -6.42 42 290
Best Double Couple:Mo=7.7*10**24
NP1:Strike=324 Dip=58 Slip= -29
NP2: 71 65 -144

TATO 0.66 306 iP 23 05.90 1.3

ANP 0.78 320 iPd 23 08.00 1.2
ISI 1.92 97 P 23 19.30 -3.7X
iS 23 40.60
MYK 2.92 85 eP 23 35.00 -2.3
i 24 12.50
OZH 3.19 277 Pnd 23 41.60 0.5
KMJ 4.62 67 Pd 24 01.70 0.3
S 24 54.00
NAH 5.32 71 Pd 24 12.20 0.8
S 25 10.30
NGO 5.69 68 Pd 24 17.20 0.7
S 25 19.20
PIP 6.37 193 iPc 24 25.00 -1.2
1.0s 554.60nm 6.3mb X
SSE 6.53 353 Pnc 24 25.00 -3.4X
Pg 24 56.00
Sn 25 44.00
SZP 7.16 193 iPc 24 39.00 1.8
0.8s 667.70nm 6.7mb X
HKC 7.61 254 iP 24 45.00 1.5
iS 26 09.70
NZJ 7.65 59 eP 24 44.00 0.0
eS 26 16.00
NJ2 7.96 340 Pnc 24 45.00 -3.4X
Sn 26 11.00
GZH 8.13 261 iPd 24 51.40 0.6
iS 26 18.50
MCO 8.20 254 iP 24 52.70 0.9
iS 26 24.20
BAG 8.25 190 iP+ 24 50.00 -2.7
MVI 8.39 80 eP 24 55.00 0.7
e 26 14.00
WHN 9.07 313 eP 25 01.00 -2.7
iS 26 39.80
MAN 9.92 186 eP 25 22.00 6.5X
OCP 9.94 186 eP 25 05.00 -10.8X
KAG 10.22 45 eP 25 24.00 4.4X
NGS 10.61 38 eP 25 28.00 3.1X
S 27 41.60
MYZ 11.01 46 eP 25 32.00 1.6
eS 27 50.00
KUM 11.16 41 Pd 25 35.60 3.2X
eS 27 50.00
SAG 11.24 38 eP 25 37.00 3.5X
eS 27 48.00
IZU 11.46 32 ePd 25 40.00 3.5X
eS 28 03.00
FKK 11.53 37 ePc 25 37.00 -0.4
eS 27 54.00
OIT 12.00 42 eP 25 46.00 2.2
eS 28 12.00
TIA 12.35 341 eP 25 45.20 -3.3X
eS 28 11.00
QIZ 12.63 246 P 25 52.00 -0.4
S 28 21.00
Lg 29 49.00
SHK 13.53 40 ePc 26 06.30 2.1
GYA 14.04 281 P 26 12.00 0.9
S 28 46.00
DL2 14.28 359 eP 26 11.50 -2.5
XAN 14.83 312 eP 26 20.00 -1.3
Lg 30 30.00
e 30 59.50
TIY 15.46 330 eP 26 29.60 0.2
BJI 16.19 344 eP 26 40.00 1.3
ePP 26 53.00
eS 29 36.00
CGP 16.23 171 ePc 26 42.00 2.6X
SNY 17.24 4 iPc 26 52.00 0.0
PP 27 05.00
iS 30 07.00
CD2 17.39 295 eP 26 54.00 0.0
eS 30 08.00
Lg 32 24.00
KMI 17.56 276 iPd 26 58.00 1.7
E 12s 109.80um
eS 30 17.00
Lg 32 50.00
MAT 18.27 46 (P) 27 05.00 0.1
1.0s 38.00nm 4.5mb
eS 30 28.00
OYM 18.35 50 eP 27 05.70 -0.1
SRY 18.47 50 eP 27 07.70 0.5
DDR 18.62 48 eP 27 10.20 1.0
BTO 18.89 331 P 27 13.00 0.5
S 30 44.00
KKM 19.27 198 ePd 27 17.20 -0.1

1.2s 158.50nm 5.1mb
TSK 19.36 49 eP 27 12.10 -5.9X
CN2 19.37 7 iPc 27 17.00 -1.1
S 30 53.00
LZH 19.43 310 iPc- 27 20.50 1.4
2.0s 6505.00nm 6.6mb X
PPP 27 51.50
S 31 02.50
Lg 33 22.00
e 33 44.00
LOE 20.28 253 iPd 27 29.00 1.0
i 33 57.00
MDJ 20.90 15 Pc 27 32.50 -1.7
CHG 22.23 260 iPd 27 50.00 2.2
1.0s 99.50nm 5.2mb
eS 32 04.00
CHTO 22.23 260 eP 27 50.10 2.3
0.8s 48.13nm 5.0mb
NST 22.41 251 eP 27 52.50 3.0X
GTA 23.89 314 P 28 05.60 1.6
GUMO 24.12 113 iP 28 07.00 0.8
2.4s ********nm 7.0mb X
PJG 24.11 113 iP 28 07.00 0.8
KHT 24.13 251 eP 28 10.00 3.7X
GUA 24.18 113 iP 28 07.00 0.2
1.0s 728.00nm 6.2mb
SNG 26.86 233 eP 28 33.50 1.5
SHL 27.34 278 iP 28 36.20 -0.4
iS 33 20.20
LSA 27.94 287 Pd 28 41.50 -0.8
IPM 28.39 229 ePd 28 45.90 0.0
1.0s 34.60nm 5.0mb
e 29 37.60
AAI 28.72 167 ePd 28 47.50 -1.4
0.6s 79.00nm 5.6mb
KGM 28.84 222 eP 28 49.50 -0.4
MKS 29.73 185 ePc 28 55.20 -2.7
PPI 32.57 223 ePc 29 23.50 0.6
PKI 33.00 283 eP 29 26.80 -0.2
1.0s 64.00nm 5.5mb
BOK 33.04 276 iP 29 26.00 -1.0
KKN 33.10 284 eP 29 28.30 0.6
SJI 33.66 199 eP 29 30.80 -1.5
DNP 33.73 192 eP 29 33.50 0.6
WMO 33.97 313 Pd 29 34.00 -1.6
PP 30 42.00
S 35 00.00
LEM 34.25 206 iPc 29 39.00 1.3
0.7s 20.55nm 5.2mb
iS 35 10.00
MOM 36.12 134 eP 29 53.00 -0.4
MTN 38.24 166 eP 30 08.00 -3.2X
DDI 39.30 288 eP 30 22.00 1.9
LAT 39.42 139 eP 30 25.00 3.9X
NDI 40.13 286 iP 30 21.80 -5.1X
eS 36 36.00
KNA 40.62 170 eP 30 29.00 -1.9
HYB 41.12 269 eP 30 36.00 0.8
PMG 41.72 141 eP 30 41.00 1.0
LMG 41.89 139 eP 30 44.00 2.4
GBA 43.40 264 P 30 57.00 3.2X
0.9s 27.80nm 5.0mb
ALOA 44.33 138 eP 31 04.00 2.8X
KOD 44.69 259 eP 31 06.20 1.6
eS 37 44.00
POO 45.08 272 iP 31 11.00 3.6X
WB2 45.84 164 iPd 31 11.30 -2.0
eS 37 54.10
BOM 45.92 273 eP 31 13.50 -0.5
eS 38 18.00
QUE 48.88 289 iPd- 31 37.50 0.2
eS 38 36.00
ASPA 49.32 166 iPd 31 39.00 -1.4
eS 38 46.00
HNR 50.08 128 eP 31 47.00 0.6
CTA 50.25 150 iPd 31 47.80 0.2
1.5s 129.17nm 5.7mb
iS 39 00.00
WBN 50.61 175 eP 31 46.00 -4.3X
MEK 51.01 184 eP 31 50.00 -3.3X
MHI 54.37 298 iPd- 32 19.30 0.8
0.8s 50.75nm 5.6mb
eS 40 05.00
KLG 55.06 181 eP 32 20.00 -3.3X
MUN 56.52 186 eP 32 37.00 3.2X
NWAO 57.38 185 iPd 32 38.50 -1.3
CMS 60.21 157 eP 33 00.00 0.5

12d 17h

KOU	60.82	134	iPc	33	04.10	0.2	SKO	81.35	312	iPd	35	06.00	-1.2		1.6s	29.80nm		5.3mb
SHI	61.28	292	eP	33	07.00	-0.3				iS	45	16.00		CDR	90.46	319	ePd	35	53.20	1.0
ADE	61.29	164	iPd	33	06.50	-0.4				iSS	50	38.00		FHC	90.64	44	eP	35	55.40	2.3
	1.1s	88.61nm				5.8mb	TCW	81.40	143	eP	35	09.30	2.0	MZF	90.77	323	eP	35	52.60	-1.0
NOU	63 48	134	iPd	33	24.80	3.1X	ATH	81.44	308	eP	35	08.00	0.3		1.1s	23.50nm			5.4mb
YOU	63.65	156	eP	33	22.50	-0.1	BRN	81.57	324	eP	35	12.00	4.0X	TCF	90.94	323	eP	35	52.90	-1.4
BRW	64.11	21	e(P)	33	26.00	0.8	MNG	81.67	142	P	35	09.00	0.3		1.4s	20.10nm			5.3mb
TAB	64 48	302	eP	33	31.00	2.7X	WEL	81.73	143	(P)	35	08.00	-1.0	FRB	91.57	5	eP	35	55.00	-1.8
HEP	64 58	298	eP	33	22 00	-7.7X				(SKS)	45	26.00		WDC	91.67	44	ePc	35	59.50	1.7
TTA	64 75	36	P	33	27.50	-2.1				(S)	45	46.00		SES	91.82	31	eP	35	56.00	-2 4
	2.8s	12 07nm				5.1mb	VKA	81.80	319	e(P)	35	10.00	0.6	CAF	91.85	322	eP	35	57.90	-0.7
CAN	64 8'	156	eP	33	31.10	0.9		6.5s	728.00nm				5.8mb X		1.0s	20.80nm			5.5mb
			e	38	04.90		Z	16s	5.60um				6.0MszX	RJF	91.92	323	eP	35	58.20	-0.7
IMA	65 48	26	e(P)	33	36.40	2.1	KZN	81.84	311	eP	35	11.00	1.1		1.2s	26.10nm			5.5mb
TOO	65 63	160	eP	33	34.00	-1.4	GNZ	81.84	139	P	35	10.00	0.4	MIN	92.39	43	e(P)	36	02.00	0.7
MSL	67 33	301	eP	33	45.50	-0.9	PRU	82.01	322	eP	35	08.50	-2.0	ORV	92.91	44	ePc	36	04.50	1.0
FBA	68.08	27	P	33	50.00	-0.6		Z	17s	8.60um			6.2MszX	BRK	93.39	46	e(P)	36	10.00	4.3X
PMR	68.13	31	P	33	50.30	-0.6		N	16s	16.10um				BKS	93.40	46	e(P)	36	10.00	4.2X
PME	68.17	31	eP	33	51.00	-0.2		E	16s	7.70um					Z	20s	1.40um			5.4Msz
KEV	68.91	338	eP	33	54.00	-1.7				eS	45	20.00			N	20s	1.10um			
	0.6s	23.50nm				5.5mb	CLL	82.22	323	eP	35	12.00	0.5		E	20s	1.10um			
	Z 16s	11.40um				6.2MszX				eS	45	26.00					eS	46	40.00	
		ePP	36	32.00			YKA	82.29	23	eP	35	10.60	-1.0				e(ScS)	47	20.00	
		ePPP	38	04.00			RSNT	82.30	23	P	35	10.50	-1.2				e	48	24.00	
		eS	42	56.00				1.0s	20.00nm				5.1mb				eLR	02	00.00	
		eSS	47	40.00			YKC	82.34	23	eP	35	09.00	-2.9X	MHC	94.09	46	eP	36	10.80	1.6
		eSSS	50	40.00				0.9s	20.00nm				5.2mb	JAS1	94.54	45	ePc	36	12.50	1.4
SOD	69.63	336	iP	33	58.80	-1.3	KHC	82.98	321	Pd	35	18.50	2.9X	PRS	94.85	46	eP	36	14.00	1.5
WJF	70.02	332	iP	34	01.50	-1.0		Z	14s	4.60um			6.0MszX	LLA	94.97	46	ePc	36	14.70	1.6
	0.8s	41.10nm				5.6mb		N	14s	4.40um				BMN	95.02	41	P	36	11.20	-2.2
		i	34	12.50				E	16s	5.20um				EBR	95.31	320	eP	36	11.00	-3.5X
		ePPP	38	20.00						S	45	40.00					e	40	10.00	
		eS	43	08.00			KMR	83.19	320	iP+	35	20.00	3.4X	PRI	95.43	46	eP	36	17.00	1.7
		eSS	47	36.00			MOX	83.31	323	eP	35	20.00	2.8X	FRI	95.55	45	ePc	36	16.90	1.2
		eSSS	51	04.00						eS	45	32.00		MNA	95.67	43	e(P)	36	18.00	1.5
RIB	70.48	298	eP	34	07.00	1.1				eSS	51	00.00		MTD	97.25	255	eP	36	24.00	0.3
TAU	71.07	161	iPd	34	12.30	3.2X	VLS	83.58	309	eP	35	17.00	-1.9	TOL	98.56	321	eP	36	32.00	2.7X
SUF	71 10	331	iP	34	08.00	-1.1	LJU	83.93	318	eP	35	22.40	1.9				ePP	40	32.00	
	0.8s	12.00nm				5.0mb				e	36	50.00					e(SS)	54	35.00	
NUR	72 46	329	eP	34	18.00	0.7				eS	45	40.00		KRI	99.00	256	eP	36	33.00	1.3
	0.8s	19.10nm				5.2mb	GRF	84.02	322	eP	35	23.50	2.6X	MAL	100.87	319	ePdiff	36	00.00	-3.6X
	Z 18s	2.60um				5.5Msz		Z	21s	9.00um			6.1Msz				iPP	40	40.00	
		i	34	23.00			KBA	84.14	319	ePc	35	22.00	0.3	BUL	101.15	253	iPdiff	36	40.70	-0.7
		ePPP	38	40.00				1.0s	10.60nm				5.0mb	ALQ	105.03	40	e(Pdif	37	00.00	1.5
		eS	43	40.00						i	35	33.10			Z 20s	3.37um				5.9Msz
		eScS	44	12.00						i	35	42.00		SBA	105.50	171	e(PKP)	41	11.20	-1.4
INK	72.56	22	eP	34	16.00	-1.7	AVY	84.31	246	iPc	35	23.40	0.5	SPA	114.44	180	e(PKP)	41	31.50	1.4
MBC	72.69	13	eP	34	18.00	-0.4	VOY	84.33	318	eP	35	20.70	-1.9		Z 18s	1.18um				5.5Msz
	1.2s	32.00nm				5.2mb				i	35	24.20		KIC	119.79	294	ePKP	41	41.00	-0.7
JER	74.99	298	ePc	34	32.20	-0.4	TRI	84.56	318	eP	35	20.00	-3.6X	SNA	124.30	200	e(PKP)	41	47.00	-1.7
CSS	75.38	302	eP	34	38.00	3.2X				ePP	38	40.00		TOV	143.93	20	ePKP	42	24.00	-3.0X
PRNI	75.64	297	eP	34	39.50	3.2X				iS	45	47.00		CAR	144.03	15	ePKP	42	23.00	-4.3X
UPP	75.97	330	iP	34	40.30	2.8X				eSS	51	18.00		SDV	144.50	22	ePKP	42	25.10	-3.1X
		iS	44	16.00						eSSS	56	28.00		BMG	145.24	27	ePKP	42	27.00	-2.3X
DAG	76.11	351	iPd	34	38.00	-0.1	NAI	86.22	267	eP	35	37.00	4.3X	BOG	146.99	31	ePKP	42	33.00	0.5
	0.6s	8.00nm				4.9mb		1.0s	30.00nm				5.5mb	PSO	148.21	39	ePKP	42	36.00	1.5
		iS	44	18.00			ENN	86.29	325	e(P)	35	31.00	-1.1	SOB1	157.70	310	ePKP	42	47.80	0.4
VRI	76.31	314	eP	34	40.00	0.2	MEM	86.33	325	P	35	44.00	11.7X				e	43	01.40	
BUC	77.26	313	eP	34	41.00	-4.0X	GWF	86.39	323	eP	35	34.80	2.1	BAO	167.11	312	e(PKP)	42	58.00	1.4
HFS	77.61	331	ePKP	34	45.80	-0.9	CDF	86.90	323	eP	35	34.30	-1.0	LPB	167.56	52	PKP	43	01.00	3.7X
	0.7s	8.20nm				4.9mb		1.0s	12.00nm				5.1mb	YJA	172.63	72	ePKP	43	00.80	0.9
JMB	77.65	311	eP	34	41.00	-6.3X	UCC	87.08	326	P+	35	39.00	3.1X		S.D. = 1.3		on 175 of 239 obs.			
VLR	78.18	316	eP	34	53.00	2.8X	FIR	87.09	317	eP	35	54.00	17.9X							
NB2	78.25	332	P	34	44.90	-5.3X	DOU	87.37	325	Pc	35	39.20	1.8	& JUN 12, 1985 17h 30m 00.09s						
	0.8s	13.40nm				5.0mb		Z	17s	11.00um			6.3MszX	37.088 N 116.084 W						
HLW	78.77	298	eP	34	54.00	0.4				e	39	01.00		DEPTH = 0.0km						
		eS	44	50.00						S	46	24.00		4.4mb (3 obs.)						
KDZ	78.82	311	iP	35	01.00	7.3X	GMW	87.57	38	P	35	37.80	-0.6	SOUTHERN NEVADA (41)						
SPC	79.06	319	eP	34	56.00	0.9	BFW	87.93	39	P	35	38.40	-1.8	<DOE>. ML 4.2 (BRK). 37° 05'						
Z	11s	5.80um				6.2MszX	PNT	88.26	35	eP	35	43.00	1.3	17.93" N., 116° 05' 02.17" W.,						
KONO	79.65	332	eP	35	12.00	14.2X	LON	88.58	38	P	35	43.00	-0.3	Surface Elev. 1521 m., Depth of						
ASW	79.65	292	Pc	35	04.00	5.5X	LPG	88.84	321	eP	35	42.90	-2.1	Burial 293 m., Shot Time						
		eS	45	12.00				0.8s	10.40nm				5.2mb	173000.088, "VILLE", Nevada Test						
KRP	79.90	140	P	35	00.00	0.6	EDM	88.86	30	eP	35	45.00	0.5	Site (Dept. of Energy).						
WTS	79.91	312	iPd	34	59.00	-0.5	COR	88.94	41	iPc	35	43.00	-2.0							
MMB	79.96	311	iPc	35	11.00	11.1X	LOR	89.44	323	eP	35	45.80	-1.6	TIN	1.72	270	iPc	30	31.40	-0.1
COP	80.35	327	eP+	35	05.00	3.4X		0.9s	0.50nm				3.8mb X	CLC	1.76	224	iPc	30	31.20	-0.9
Z	21s	11.47um				6.2Msz	LBF	89.54	323	eP	35	46.20	-1.7	GSC	1.88	198	iPc	30	32.90	-0.9
		iS	45	05.00				0.9s	9.00nm				5.1mb	MNA	2.12	310	iPc	30	36.80	-0.6
MSZ	80.64	149	eP	35	04.00	0.8	SSF	89.76	323	eP	35	47.20	-1.6	WKTM	2.30	237	P	30	39.20	-0.7
SRO	80.82	318	e(P)	35	09.00	4.8X		1.1s	5.80nm				4.8mb	SDW	2.60	198	P	30	43.20	-1.1
N	16s	13 50um					SMF	89.82	323	eP	35	47.90	-1.3	FRI	2.90	269	ePc	30	47.80	-0.6
E	18s	11.00um						1.2s	36.80nm				5.5mb				i	30	53.40	
		i	35	46.40			AVF	90.00	323	eP	35	48 70	-1.3	MSU	3.41	64	P	30	54.90	-1.0
VAY	80.86	311	eP	35	03.00	-1.6	,	1.3s	39.10nm				5.5mb	BMN	3.45	345	P	30	55.20	-1.2
BER	81.05	333	eP	35	12.00	6.8X	NEW	90.21	35	eP	35	49.00	-2.0	JAS1	3.55	285	iPc	30	57.00	-0.6
NPS	81.15	305	eP	35	06.00	-0.3	BGF	90.42	323	eP	35	50.50	-1.4				i	31	05.70	

			i	31	07.40	
WCN	3.65	309	P	30	58.20	-1.0
PHAM	3.70	252	P	30	59.20	-0.5
PRI	3.80	257	e(P)	31	00.40	-1.0
			e	31	09.70	
DUG	4.02	39	P	31	03.40	-1.1
GLA	4.16	165	P	31	05.00	-1.2
SAO	4.31	267	e(P)	31	16.00	7.6
ORV	4.92	302	eP	31	16.00	-1.1
WDC	6.13	307	eP	31	31.00	-3.1
ALO	8.09	102	e(P)	32	02.00	0.1
LRM	9.14	16	eP	32	19.30	2.8
NEW	11.19	356	eP	32	48.00	3.5
ACO	13.57	87	e(P)	33	18.70	2.3
EDM	16.25	6	eP	33	52.00	0.8
BHO	17.43	93	e(P)	34	07.80	1.5
FFC	20.12	24	eP	34	37.00	-1.2
	0.7s		5.00nm			4.0mb
RSON	21.08	42	P	34	46.00	-2.2
	1.4s		46.23nm			4.6mb
RSCP	24.56	84	P	35	19.30	-3.5
	0.6s		6.06nm			4.5mb
NAV	28.01	79	P	35	51.20	-3.6
BLA	28.33	79	P	36	01.20	3.6
	29 obs. associated					

* JUN 12, 1985 18h 11m 02.17± 3.02s
24.549 N ±15.1km 122.746 E ±20.5km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWD	1.15	246	iPc	11	23.70	0.1
TWZ	1.19	297	iPd	11	24.30	-0.1
TATO	1.22	291	eP	11	24.50	-0.4
ANP	1.28	300	eP	11	26.50	0.5
OZH	3.80	277	ePn	12	04.00	2.0X
SSE	6.67	348	Pnc	12	42.50	0.0
NJ2	8.22	336	ePn	13	01.00	-3.3X
CN2	19.33	6	eP	15	34.30	3.9X
WB2	45.64	165	eP	19	30.70	5.9X
	S.D. = 0.4		on 5 of 9 obs.			

? JUN 12, 1985 18h 25m 54.48± 3.20s
24.572 N ±15.9km 122.729 E ±22.0km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWD	1.14	245	iPc	26	16.00	0.1
TWZ	1.17	297	iPd	26	16.00	-0.3
TATO	1.20	290	eP	26	16.00	-0.8
ANP	1.26	299	eP	26	19.00	1.1
OZH	3.78	276	ePn	27	01.00	7.0X
SSE	6.64	348	Pc	27	34.40	-0.1
CN2	19.31	6	Pd	30	26.70	4.2X
	S.D. = 1.0		on 5 of 7 obs.			

* JUN 12, 1985 18h 37m 55.71± 0.50s
16.660 S ±12.8km 173.972 W ±16.1km
DEPTH = 33.0km (normal)
5.1mb (3 obs.)
TONGA ISLANDS (173)

AFI	3 46	38	P	38	48.00	-0.7
			S	39	23.00	
SVA	7.37	258	eP	39	58.00	14.2X
SGE	7.80	262	iPd	40	05.00	15.0X
NOU	19.29	250	iPd	42	24.90	4.1X
GNZ	23.00	196	P	42	59.00	0.4
KRP	23.11	202	P	43	00.40	0.7
MNG	25.56	199	P	43	23.00	-0.3
MSZ	31.82	205	eP	44	19.00	-0.5
CAN	37.84	233	eP	45	10.00	-1.2
CMS	39.32	240	eP	45	23.00	-0.6
WB2	49.02	258	iPd	46	41.20	-0.5
ASPA	49.21	253	iPc	46	43.10	-0.1
	0.8s		60.00nm			5.7mb
WBN	55.75	249	iPc	47	31.40	-0.6
	0.5s		9.00nm			5.1mb
ALO	82.03	50	eP	50	12.50	-1.9
	1.0s		5.00nm			4.5mb
BJI	85.93	314	eP	50	35.50	1.7
EDM	86.84	32	iPc	50	36.60	-1.4
TSI	88.56	274	e(P)	50	46.00	-1.1
INK	89.61	14	eP	50	50.00	-0.9
CLL	144.99	352	ePKP	57	34.00	2.9X
	1.1s		12.00nm			
			e	57	53.00	
SPC	145.55	343	e(PKP)	57	34.00	1.6
			e	57	56.70	
MOX	145.80	354	ePKP	57	33.50	1.0
			e	57	38.50	
			e	57	56.00	
PRU	146.05	350	ePKP	57	35.50	2.6X
			e	57	57.80	
KHC	147.04	351	PKP	57	36.50	1.9
	1.2s		10.00nm			
			i	58	00.80	
FLN	147.54	8	ePKP	57	36.30	1.0
GRR	147.86	9	ePKP	57	37.30	1.5
LPF	148.18	9	ePKP	57	39.00[1]	2.6X
KBA	149.07	350	e(PKP)	57	46.00	7.9X
LOR	149.43	3	ePKP	57	42.60	4.2X
SSF	149.61	3	ePKP	57	43.30	4.6X
LBF	149.71	3	ePKP	57	43.40	4.5X
AVF	149.87	4	ePKP	57	43.90	4.9X
SMF	150.05	3	ePKP	57	44.20	4.9X
LSF	150.26	6	ePKP	57	44.40	4.7X
TCF	150.29	5	ePKP	57	44.20	4.5X
MZF	150.39	5	ePKP	57	45.00	5.1X
	S.O. = 1.2		on 20 of 35 obs.			

? JUN 12, 1985 19h 29m 39.91± 6.00s
37.208 N ±41.4km 20.731 E ±28.4km
DEPTH = 10.0km (geophysicist)
IONIAN SEA (399)
ML 3.5 (ATH).

VLS	0.97	353	iPgc	29	58.00	-0.4
ATH	2.49	71	ePn	30	21.10	0.0
			eSn	30	54.00	
KZN	3.20	14	ePn	30	32.40	1.1
LIT	3.20	25	ePn	30	32.60	1.4
			eSn	31	10.40	
PAIG	3.57	39	ePn	30	35.90	-0.5
			eSn	31	18.30	
THE	3.84	26	ePn	30	40.40	0.2
OHR	3.90	1	iPn	30	41.60	0.4
OUR	4.02	38	ePn	30	42.70	-0.2
SOH	4.15	29	ePn	30	44.80	0.1
KNT	4.29	22	ePnd	30	46.70	0.0
			eSn	31	31.90	
SRS	4.49	29	ePn	30	48.80	-0.7
SKO	4.79	6	iPn	30	53.00	-0.8
			i	31	09.50	
			iSn	31	45.00	
MMB	4.95	27	iPd	30	55.00	-1.1
KDZ	5.69	37	iP	31	07.00	0.5
	S.D. = 0.8		on 14 of 14 obs.			

* JUN 12, 1985 19h 36m 49.51± 0.68s
54.709 N ±12.6km 161.519 E ±12.0km
DEPTH = 31.6km (2 depth phases)
4.7mb (12 obs.)
NEAR EAST COAST OF KAMCHATKA (218)

MAT	24.22	231	(P)	42	05.00	0.8
IMA	24.28	44	eP	42	04.70	0.0
INK	32.09	39	eP	43	15.00	-0.2
MBC	35.22	24	eP	43	42.00	-0.2
YKA	41.41	44	eP	44	34.60	0.7
YKC	41.47	44	eP	44	35.00	0.6
DAG	48.79	0	iPd	45	32.00	-0.7
	0.3s		6.49nm			5.1mb
FRB	55.69	24	eP	46	23.00	-1.4
KJF	56.19	338	eP	46	27.00	-1.1
SUF	57.83	338	iP	46	38.40	-1.3
	0.4s		4.40nm			4.9mb
NUR	60.12	337	iP	46	55.80	0.2
NB2	62.22	344	P	47	05.40	-4.5X
	0.7s		6.40nm			4.9mb
HFS	62.66	343	eP	47	11.30	-1.5
	0.6s		3.30nm			4.6mb
CLL	71.13	340	iP	48	06.40	0.0
	1.1s		14.00nm			4.9mb
			e	48	16.00	31km
MOX	72.04	340	eP	48	12.00	0.2
PRU	72.07	338	eP	48	12.00	0.0
KHC	73.08	339	iPc	48	18.40	0.4
			e	48	28.50	32km
CDF	74.99	343	eP	48	29.10	0.0
	0.8s		5.30nm			4.6mb
KBA	75.08	338	iPc	48	30.70	0.9
	0.8s		9.00nm			4.8mb
GBA	75.61	273	Pc	48	32.30	-0.7
	0.7s		9.80nm			4.9mb
LOR	76.66	345	eP	48	38.90	0.4
	1.0s		4.80nm			4.5mb
SSF	76.91	345	eP	48	39.90	0.0
	1.0s		4.00nm			4.4mb
AVF	77.20	345	eP	48	42.40	0.9
	1.0s		7.00nm			4.6mb
BGF	77.50	345	eP	48	45.20	2.1
LPG	77.90	342	eP	48	46.90	1.2
	0.9s		3.76nm			4.4mb
WB2	77.90	206	eP	48	44.20	-1.4
	S.D. = 0.9		on 25 of 26 obs.			

JUN 12, 1985 20h 34m 09.43± 0.57s
24.485 N ± 5.5km 122.300 E ± 6.3km
DEPTH = 10.0km (geophysicist)
4.3mb (4 obs.)
TAIWAN REGION (243)
Felt on northern Taiwan.

TATO	0.88	304	eP	34	22.90	-3.5X
ANP	0.99	314	eP	34	28.80	0.5
OZH	3.40	278	ePn	35	02.50	-1.1
			Sn	35	43.00	
			Sg	35	59.00	
SSE	6.66	352	Pnd	35	45.70	-4.0X
HKC	7.78	255	eP	36	05.50	0.1
NJ2	8.13	339	eP	36	05.50	-4.7X
BAG	8.19	192	eP	36	16.00	4.6X
GZH	8.32	262	P	36	12.50	-0.5
			S	37	46.50	
MCO	8.37	255	eP	36	13.70	0.0
WHN	9.28	312	eP	36	27.00	0.7
			eS	38	03.00	
			Lg	38	57.60	
QCP	9.86	187	eP	36	58.00	23.7X
QIZ	12.78	247	eP	37	16.50	2.5X
GYA	14.26	281	eP	37	35.80	2.2X
XAN	15.05	312	eP	37	43.00	-0.9
			Lg	42	25.00	
BJI	16.34	343	eP	38	00.00	-0.5
			eS	41	05.00	
SNY	17.33	3	eP	38	14.00	1.1
CD2	17.61	295	eP	38	18.50	1.9X
HHC	18.63	334	P	38	29.00	-0.1
BTO	19.08	330	eP	38	35.00	0.3
CN2	19.44	7	Pc	38	37.50	-1.4
LZH	19.65	310	eP	38	42.00	0.4
LOE	20.45	254	eP	38	54.00	4.2X
MDJ	20.94	15	eP	38	54.00	-0.8
CHG	22.42	260	eP	39	12.50	2.7X
CHTO	22.42	260	eP	39	12.20	2.4X
	0.8s		5.49nm			4.1mb
GTA	24.11	313	eP	39	27.00	0.7
SHL	27.56	279	iP	39	59.00	0.2
WB2	45.69	164	eP	42	32.30	-0.1
ASPA	49.17	166	eP	43	00.00	0.3
CTA	50.07	150	eP	43	11.00	4.4X
MHI	54.60	298	eP	43	45.00	4.5X
KJF	70.20	332	eP	45	26.00	1.9X
	0.6s		13.00nm			5.2mb
SUF	71.29	331	iP	45	35.00	4.3X
	0.6s		2.80nm			4.6mb
NB2	78.43	332	P	46	12.60	0.8
	0.8s		1.50nm			4.1mb
YKA	82.30	23	eP	46	36.60	4.4X
	S.O. = 0.7		on 19 of 35 obs.			

JUN 12, 1985 20h 35m 01.82± 0.64s
39.612 N ± 5.1km 29.496 E ± 6.4km
DEPTH = 9.1 ± 3.6 km
TURKEY (366)

DST	0.67	270	iPn	35	13.90	-1.3
GPA	0.92	43	iPn	35	19.60	0.1
KCT	1.08	306	iPn	35	22.90	0.6
EDC	1.45	301	iPn	35	27.90	-0.3
ISK	1.49	347	iPn	35	28.40	-0.3
CTT	1.74	332	iPn	35	31.90	-0.4
KGT	1.88	297	iPn	35	34.40	0.0
MFT	2.06	305	iPn	35	41.90	4.8X
IZM	2.12	236	iPn	35	39.90	2.0
BCK	2.31	158	iPn	35	40.60	-0.1
EZN	2.45	276	iPn	35	42.40	-0.2
YER	2.65	201	iPn	35	44.40	-1.1
JMB	3.60	323	eP	35	59.00	0.1
KDZ	3.75	304	iP	36	00.00	-1.1

12d 20h

		iS	37 02.00		
DIM	3.84	311 eP	36 16.00	13.7X	
PSN	4.18	347 iPd	37 07.00	59.9X	
PLD	4.41	306 eP	36 12.00	1.7	
PVL	4.80	319 iPd	36 16.00	0.0	
MMB	4.81	296 iPc	36 16.00	-0.2	
VAY	5.55	290 ePn	36 33.20	6.6X	
VTS	5.61	304 eP	36 27.00	-0.5	
VPI	6.58	343 iPc	36 40.80	-0.2	
S D. = 0 9 on 18 of 22 obs.					
• JUN 12, 1985 23h 02m 29.67± 1.25s					
19.489 S ± 9.3km 68.653 W ±18.6km					
DEPTH = 148.4 ± 8.7 km					
4.4mb (1 obs.)					
CHILE-BOLIVIA BORDER REGION (124)					
TPZ	1.97	182 Pc	03 25.50	20.4X	
LPB	2.99	10 iPc	03 18.00	0.2	
	1.0s	180.00nm			
ZOBO	3.24	9 iPd	03 20.70	-0.5	
	0.4s	71.02nm			
TJA	3 97	133 ePc	03 32.00	1.3	
ANT	4 50	201 eP	03 29.50	-7.8X	
		eS	04 14.00		
SLA	5.98	151 ePc	03 56.20	-1.0	
ITB1	14.18	114 P	05 50.20	5.2X	
ITB7	14.52	115 P	05 55.00	5.6X	
BAO	20.07	82 e(P)	06 53.70	0.1	
		e	06 56.90		
VAO	20.51	104 eP	06 57.30	-0.6	
SOB1	28.72	73 eP	08 15.60	0.3	
	0.5s	3.70nm	4.4mb		
		e	08 16.30		
ITR	31 14	74 eP	08 36.40	-0.2	
KIC	67 92	74 iP	13 14.50	-0.2	
YKA	89 38	341 eP	15 10.70	0.6	
WB2	134.79	211 iPKPc	21 44.00	10.9X	
S D = 0.8 on 10 of 15 obs.					
? JUN 12, 1985 23h 26m 17.14± 1.83s					
11.818 S ±19.4km 117.297 E ±29.5km					
DEPTH = 33.0km (normal)					
3.9mb (1 obs.)					
SOUTH OF SUMBAWA ISLAND (291)					
TRT	6.15	311 ePc	27 48.00	-0.1	
MBL	9.60	166 eP	28 35.00	-1.2	
	0.3s	7.00nm	5.4mb X		
		eS	30 14.00		
NAU	10.80	189 eP	28 52.00	-0.6	
		eS	30 43.50		
WBN	16.72	150 eP	30 11.00	0.4	
	0.3s	3.00nm	3.9mb		
		eS	33 08.00		
MRWA	17.35	184 eP	30 20.00	1.5	
S.D. = 1.4 on 5 of 5 obs.					
• JUN 12, 1985 23h 45m 47.24± 1.59s					
36.662 N ±13.4km 21.803 E ±12.0km					
DEPTH = 95.8 ± 10.3 km					
4.1mb (5 obs.)					
SOUTHERN GREECE (368)					
VLS	1.79	328 ePn	46 16.60	-0.9	
ATH	2.01	49 ePn	46 20.80	0.5	
		ePg	46 24.20		
		eSg	46 47.40		
NPS	3.39	113 ePn	46 40.90	1.8	
PAIG	3.58	24 ePb	46 40.60	-1.0	
		eSg	46 52.10		
KZN	3.64	360 ePn	46 43.40	0.9	
THE	4.07	13 ePn	46 47.80	-0.5	
GRG	4.31	6 ePb	46 51.70	-0.1	
SOH	4.33	16 ePg	46 52.70	0.7	
PPK	4 37	53 ePb	46 58.90	6.3X	
DMB	4 51	350 iPn	46 55.00	0.5	
KNT	4.57	10 ePnd	46 55.40	0.0	
SRS	4.66	17 ePnd	46 56.40	-0.2	
VAY	4.69	7 iPn	46 57.20	0.3	
MMB	5.14	16 iPc	47 02.00	-1.3	
SKO	5.31	357 iPn	47 05.00	-0.6	
		iSn	48 05.50		
KDZ	5 69	28 iP	47 10.00	-0.8	
VTS	6 03	10 eP	47 16.00	0.6	
KCT	6.27	53 ePn	47 12.80	-6.0X	
PVL	6.97	21 eP	47 33.00	4.5X	

CEY	10.63	331 e(P)	48 17.40	-0.7	
		eS	50 12.10		
LJU	10.84	332 eP	48 36.00	15.1X	
		eS	50 19.50		
VOY	11.08	330 eP	48 23.60	-0.6	
		iS	50 22.10		
NUR	23.94	3 iP	50 55.00	1.9	
HFS	24.06	350 eP	50 55.50	1.2	
	0.5s	2.80nm	3.9mb		
Z	15s	0.06um	3.2MszX		
		LR	00 56.00		
NB2	25.31	348 P	51 05.20	-1.0	
	0.6s	1.40nm	3.6mb		
SUF	26.22	5 iP	51 16.10	1.6	
	0.5s	1.50nm	3.8mb		
KJF	27.80	6 eP	51 24.00	-4.8X	
KEV	33.27	3 eP	52 19.00	2.0	
KKN	53.57	80 eP	54 58.80	-1.9	
	0.6s	4.00nm	4.6mb		
PKI	53.77	80 eP	54 59.70	-2.6	
	0.8s	8.00nm	4.8mb		
S.D. = 1.3 on 25 of 30 obs.					
JUN 13, 1985 00h 53m 09.80± 0.34s					
38.947 N ± 3.9km 25.949 E ± 3.2km					
DEPTH = 10.0km (geophysicist)					
4.4mb (26 obs.)					
AEGEAN SEA (365)					
ML 4.2 (ATH), 4.2 (SKO).					
PRK	0.39	40 iPgc	53 19.50	1.7	
		eSg	53 27.00		
EZN	0.93	18 iPn	53 27.40	0.0	
IZM	1.17	118 iPn	53 34.40	2.8	
KGT	1.83	34 iPn	53 42.80	1.3	
ATH	2.00	242 ePn	53 43.70	-0.3	
		ePg	53 48.00		
		eSg	54 14.10		
PAIG	2.01	300 ePb	53 46.90	2.7	
		eSn	54 14.40		
EDC	2.03	46 iPn	53 45.40	0.9	
MFT	2.10	29 iPn	53 45.80	0.2	
DST	2.18	72 iPn	53 48.30	1.6	
KCT	2.27	54 iPn	53 48.30	0.4	
YER	2.58	134 iPn	53 54.60	2.2	
KDZ	2.73	351 iPd	53 54.00	-0.5	
		iS	54 25.00		
SOH	2.74	314 ePn	53 54.70	0.1	
		eSn	54 36.30		
SRS	2.82	321 ePn	53 54.70	-1.1	
		eSn	54 36.30		
SRS	2.82	321 ePnc	53 55.50	-0.3	
		eSn	54 37.30		
THE	2.85	307 ePnc	53 55.70	-0.4	
		eSn	54 38.60		
CTT	2.91	40 iPn	53 56.80	-0.2	
LIT	2.91	294 ePn	53 57.00	-0.1	
		eSn	54 28.80		
DIM	3.11	355 iP	53 59.00	-0.7	
MMB	3.14	328 iPd	53 59.00	-1.2	
ISK	3.19	47 iPn	54 00.80	-0.1	
KNT	3.22	314 ePnc	54 01.60	0.2	
GRG	3.39	307 ePn	54 04.10	0.3	
KZN	3.50	294 ePn	54 05.40	0.0	
JMB	3.55	8 iPd	54 06.00	0.0	
GPA	3.62	67 iPn	54 08.00	0.8	
NPS	3.69	184 ePb	54 07.50	-0.6	
BCK	3.94	111 iPn	54 14.70	2.9X	
VTS	4.20	331 iPd	54 16.00	0.7	
PVL	4.24	352 iPc	54 18.00	2.2	
VLS	4.27	261 ePn	54 17.00	0.7	
OHR	4.51	300 ePn	54 22.10	2.4	
SKO	4.38	313 iPn	54 06.00	-14.7X	
		i	54 16.50		
		iSn	55 01.20		
SKO	4.58	313 iPn	54 21.00	0.3	
N	10s	4.40um			
		iSn	55 14.00		
		iSg	55 36.90		
PSN	5.02	19 iPc	54 26.00	-0.8	
CGN	5.22	0 eP	54 30.00	0.4	
BUC1	5.40	1 eP	54 54.00	21.8X	
BUC	5.46	1 eP	54 36.00	2.8X	
TLB	5.85	15 iPc	54 38.00	-0.5	
DRA	5.87	348 eP	54 07.00	-31.8X	
ISR	6.20	4 ePc	54 43.50	-0.1	
CMP	6.35	354 ePc	54 45.00	-0.8	

MLR	6.54	360 iPc	54 48.00	-0.5	
BRD	6.62	7 eP	54 00.00	-49.4X	
SSR	6.69	333 iP	54 54.00	3.5X	
CVO	6.87	1 iPd	54 53.00	-0.1	
VRI	6.94	4 iPc	54 54.00	0.0	
PPE	7.37	9 eP	55 01.00	1.0	
CLI	7.66	7 iPc	55 04.00	-0.1	
VLR	7.94	347 eP	55 06.00	-2.0	
HNM	8.37	354 eP	55 13.00	-1.2	
HLW	10.10	152 eP	55 35.00	-2.9	
JOS	10.31	339 eP	55 38.80	-2.0	
SRO	10.45	330 e(P)	55 43.00	0.3	
VOY	11.36	312 ePc	55 53.60	-1.7	
VKA	11.63	326 e(P)	56 00.00	1.3	
KRA	11.90	341 eP	56 08.90	6.5X	
KBA	12.28	315 i(P)	56 10.30	2.6	
	1.3s	25.00nm	5.3mb X		
KHC	13.50	323 iP	56 25.40	1.6	
		e	57 53.50		
PRU	13.70	327 eP	56 28.50	2.2	
N	11s	0.80um			
E	11s	0.60um			
KSP	13.71	333 eP	56 27.50	1.1	
SAX	14.68	310 eP	56 46.80	7.3X	
MMK	15.03	304 eP	56 49.50	5.4X	
FRF	15.23	294 eP	56 50.10	3.7X	
	1.0s	26.00nm	4.6mb		
CLL	15.34	328 eP	56 48.00	0.2	
	1.6s	19.00nm	4.2mb		
ZUL	15.36	309 eP	56 53.10	5.0X	
DIX	15.40	304 eP	56 54.70	5.8X	
LRG	15.41	293 eP	56 51.00	2.2	
	0.9s	14.40nm	4.3mb		
SLE	15.43	310 eP	56 54.10	5.1X	
MOX	15.47	324 e(P)	56 55.00	5.5X	
LPG	15.64	301 eP	56 56.60	4.5X	
	0.8s	17.40nm	4.4mb		
EMS	15.71	303 eP	56 57.40	4.6X	
CDF	16.45	311 eP	57 04.30	2.0	
BSF	16.48	309 eP	57 04.10	1.5	
GWF	16.53	313 eP	57 08.40	5.2X	
HAU	16.83	309 eP	57 08.40	1.5	
	0.8s	5.10nm	3.7mb		
WLF	17.71	314 P	57 19.60	1.7	
SMF	17.92	303 eP	57 21.70	1.1	
	1.0s	6.80nm	3.7mb		
LBF	17.93	304 eP	57 21.30	0.5	
	0.9s	8.10nm	3.9mb		
LOR	18.10	304 eP	57 22.70	-0.2	
	0.8s	5.30nm	3.7mb		
SSF	18.26	304 eP	57 24.40	-0.4	
	0.8s	7.20nm	3.9mb		
MEM	18.27	316 P	57 29.00	4.1X	
AVF	18.28	303 eP	57 24.90	-0.1	
	1.0s	19.50nm	4.2mb		
BGF	18.55	302 eP	57 28.00	-0.4	
	1.0s	19.20nm	4.2mb		
GRC	18.62	304 iPd	57 28.80	-0.4	
DOU	18.80	313 P	57 26.50	-4.8X	
		e	57 32.70		
UCC	19.27	315 P	57 38.80	1.7	
LDF	21.06	306 eP	57 53.10	-3.1X	
	1.0s	9.60nm	4.1mb		
FLN	21.34	306 eP	57 56.20	-2.8	
	0.8s	8.00nm	4.2mb		
GRR	21.47	305 eP	57 57.80	-2.6	
	1.0s	20.70nm	4.5mb		
LPF	21.49	304 eP	57 58.20	-2.4	
	0.8s	18.40nm	4.5mb		
UPP	21.59	349 iP	57 58.80	-2.6	
NUR	21.60	358 eP	58 00.00	-1.5	
	1.0s	26.00nm	4.6mb		
		i	58 02.50		
		eS	02 02.00		
LGR	21.81	288 eP	58 03.00	-0.9	
HFS	22.58	344 eP	58 09.00	-2.3	
	0.6s	3.20nm	4.0mb		
Z	14s	0.53um	4.1MszX		
		LR	05 22.00		
TOL	23.15	282 e(P)	58 18.00	0.9	
SUF	23.80	0 iP	58 23.10	-0.1	
	0.8s	7.60nm	4.3mb		
NB2	23.95	342 P	58 21.10	-3.6X	
	1.4s	49.30nm	4.9mb		
MAL	24.03	274 iPc	58 26.00	0.4	
EKA	25.44	320 P	58 39.00	0.0	
	0.6s	7.00nm	4.5mb		

MHI	26.62	85	eP	58	51.00	0.7
SOD	28.48	1	eP	59	06.00	-0.7
BNG	35.01	193	iPd	00	05.10	0.6
	0.5s		8.00nm			4.8mb
			i	00	08.50	
			i	00	21.50	
DAG	42.54	346	iPd	01	05.90	-0.7
	0.6s		6.00nm			4.5mb
			i	01	20.00	
KKN	50.00	84	eP	02	06.80	0.2
PKI	50.21	84	eP	02	08.40	0.1
	1.0s		10.00nm			4.7mb
GBA	51.80	105	Pc	02	20.20	0.2
	1.0s		8.10nm			4.6mb
FRB	57.76	328	eP	03	01.00	-1.8
SCH	60.73	318	eP	03	21.00	-2.6
CD2	62.51	71	iPc	03	36.30	0.3
MBC	62.98	351	eP	03	37.50	-0.8
XAN	64.66	66	eP	03	49.40	-0.6
KMI	64.80	77	eP	03	50.00	-1.3
CHG	65.37	85	iPd	03	53.40	-1.4
	1.1s		18.99nm			5.2mb
GYA	67.03	74	P	04	04.60	-0.8
YKC	74.03	342	eP	04	46.00	-1.0
YKA	74.05	342	eP	04	46.70	-0.4
FFC	76.59	332	eP	05	01.00	-0.8
	0.7s		4.00nm			4.6mb
SOB1	78.27	248	e(P)	05	12.00	0.3
LRM	87.72	332	eP	05	59.80	-0.4
	S.D. = 1.3		on 98 of 120 obs.			

% JUN 13, 1985 00h 59m 36.40± 2.26s
39.220 N ±10.3km 26.349 E ±23.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.61	358	iPg	59	48.40	-0.2
			iSg	00	03.40	
IZM	1.09	139	iPn	59	56.90	0.0
KGT	1.43	31	ePn	00	02.80	0.4
EDC	1.62	46	ePn	00	05.40	0.3
DST	1.81	77	ePn	00	14.30	6.5X
KCT	1.86	56	ePn	00	08.00	-0.6
	S.D. = 0.6		on 5 of 6 obs.			

? JUN 13, 1985 01h 22m 20.92± 7.91s
39.009 N ±24.9km 25.768 E ±64.8km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.92	28	iPg	22	37.90	-0.6
			iSg	22	51.90	
IZM	1.32	117	ePn	22	45.00	-0.3
KGT	1.87	39	ePn	22	52.90	-0.2
EDC	2.10	50	ePn	22	55.90	-0.6
MFT	2.12	33	ePn	22	58.00	1.0
DST	2.30	74	ePn	23	00.30	0.8
KCT	2.35	57	ePn	23	00.00	-0.2
	S.D. = 0.8		on 7 of 7 obs.			

? JUN 13, 1985 01h 52m 36.15±11.39s
39.024 N ±36.4km 25.795 E ±96.6km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.90	27	iPg	52	51.40	-2.0
			iSg	53	05.40	
IZM	1.31	118	ePn	52	59.90	-0.5
KGT	1.84	39	iPn	53	08.80	0.8
MFT	2.10	33	ePn	53	13.00	1.1
DST	2.27	74	ePn	53	14.80	0.4
KCT	2.33	57	ePn	53	18.00	2.9X
	S.D. = 1.8		on 5 of 6 obs.			

& JUN 13, 1985 01h 53m 23.90s
38.813 N 122.797 W
DEPTH = 1.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.2 (BRK).

NWRM	0.36	191	eP	53	31.30	0.2
ZSP	0.97	154	eP	53	43.50	0.4
			eS	53	57.10	
BRK	1.03	156	eP	53	43.70	-0.5
			iS	53	58.30	
BKS	1.03	155	eP	53	44.00	-0.3
			eS	53	59.20	
ORV	1.25	53	eP	53	45.90	-2.1
PCC	1.35	166	eP	53	47.50	-2.2
MHC	1.73	148	e(P)	53	53.70	-1.7
ARN	1.77	145	eP	53	54.00	-1.9
WDC	1.78	6	eP	53	59.60	3.7
MIN	1.79	31	e(P)	53	54.70	-1.5
GCC	1.89	160	e(P)	53	56.10	-1.5
JAS1	2.07	115	iPd	53	58.90	-1.3
SAO	2.31	152	eP	54	01.70	-2.0
	13 obs. associated					

? JUN 13, 1985 01h 53m 30.81± 3.92s
24.545 N ± 8.5km 122.070 E ±33.1km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC	0.21	288	iPd	53	35.50	0.1
			eS	53	40.00	
TWD	0.63	223	iPd	53	43.50	0.0
			eS	53	54.10	
TATO	0.68	309	eP	53	44.00	-0.3
			eS	53	54.50	
TWZ	0.71	321	iPc	53	44.50	-0.3
			eS	53	55.00	
ANP	0.81	322	eP	53	47.00	0.4
	S.D. = 0.4		on 5 of 5 obs.			

JUN 13, 1985 01h 58m 09.84± 0.40s
36.536 S ± 4.8km 72.339 W ± 7.0km
DEPTH = 54.5km (5 depth phases)
5.0mb (4 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (IV) at Chillan and (III)
at Los Angeles. Felt also at
Talcahuano and Concepcion.

LNV	2.68	17	iPc	58	52.00	0.6
CHCH	2.94	28	iPc	58	56.10	0.9
TACH	3.10	22	iPc	58	57.50	0.1
PCH	3.27	28	iP	59	00.80	0.9
SAN	3.37	25	iPd	59	01.60	0.3
			i	59	40.60	
			i	59	52.20	
BACH	3.52	26	iPd	59	03.80	0.4
RFA	3.61	62	ePd	59	07.20	2.5
			S	00	00.80	
FCH	3.62	28	ePd	59	05.50	0.5
PEL	3.65	22	iPd	59	05.90	0.7
ROCH	3.72	17	iPd	59	06.50	0.1
JACH	4.11	21	iPc	59	11.50	-0.2
MDZ	4.64	39	eP	59	20.50	1.4
			iS	59	35.70	
RTCV	5.63	35	ePc	59	32.70	-0.3
			(S)	00	33.70	
RTCB	5.83	31	ePd	59	35.80	-0.1
ZON	5.83	32	eP	59	36.00	0.1
CFA	5.98	36	ePc	59	37.00	-0.9
			S	00	49.70	
RTLL	6.11	33	ePd	59	39.00	-0.7
			(S)	00	49.60	
TCA	8.26	53	ePd	00	08.00	-1.7
VBA	8.40	103	ePc	00	11.70	0.2
CYA	9.78	36	ePd	00	15.00	-15.5X
ANT	12.90	8	e(P)	01	03.00	-9.4X
SLA	13.16	28	eP	01	13.80	-2.2
TPZ	15.35	13	P	01	54.20	9.4X
			i	02	17.00	
ITB7	19.27	59	P	02	31.80	-1.1
ITB1	19.44	57	eP	02	33.80	-0.8
LPB	20.28	12	Pd	02	44.50	0.5
			LR	09	12.00	
ZOBO	20.53	12	Pc	02	47.00	0.2
	1.0s		50.00nm			4.8mb
			LR	08	56.00	
VAO	25.73	65	eP	03	35.90	-1.1
			e	03	39.00	
			e	03	46.10	
			e	03	51.40	
BAO	30.04	53	e(P)	04	18.10	2.1
SOB1	39.41	54	eP	05	35.50	-0.7
			e	05	50.40	
			e	07	43.80	
ITR	41.38	57	eP	05	50.90	-1.4
SNA	49.39	155	e(P)	06	49.00	-6.4X
SPA	53.65	180	eP	07	28.50	0.7
	1.0s		59.50nm			5.6mb
SBA	60.55	192	eP	08	17.30	1.0
	1.0s		10.00nm			4.9mb
MAW	70.83	163	eP	09	22 00	-0.1
PRM	70.88	351	eP	09	22.00	-0 8
			e	09	37.50	
JCT	71.47	335	eP	09	27 00	0 5
			ipP	09	42.00	53km
			esP	09	50.00	
LTX	71.83	331	eP	09	29.00	0.2
			epP	09	44.00	53km
			esP	09	52.70	
RSCP	72.82	349	eP	09	33.80	-0.6
			epP	09	49.40	56km
BHO	73.61	341	eP	09	39.30	0.3
			e	09	54.80	
POW	74.41	344	eP	09	42.50	-1.0
			epP	09	58.00	55km
TUL	75.30	340	iP	10	04.00	15.3X
	0.8s		35.40nm			
	Z 23s		0.05um			3.8MszX
			i	10	11.70	
RLO	75.34	341	eP	10	04.50	15.6X
			e	10	12.30	
KIC	76.12	71	eP	09	53.90	0.1
			e	10	09.70	
ALQ	77.89	332	eP	10	04.00	0.6
			epP	10	19.40	55km
SWZ	80.00	116	eP	10	14.00	-1.2
RSNY	80.73	358	eP	10	34.30	16.0X
	1.1s		12.79nm			
GOL	81.73	335	eP	10	33.90	9.9X
			pP	10	40.00	19kmX
RSSD	85.28	338	eP	10	58.30	16.4X
	0.8s		5.99nm			
BDW	85.92	333	eP	10	44.50	-0.6
			e	11	01.00	
BUL	86.61	112	iP	11	04.90	15.9X
RSON	89.03	347	eP	11	05.60	6.0X
	0.9s		11.76nm			5.2mb
KRI	89.38	110	iPc	11	03.00	0.7
MTD	90.89	112	eP	11	11.00	1.8
GBA	144.60	122	PKPc	17	40.10	-2.2
	0.7s		49.90nm			
PSI	145.37	165	iPKPc	17	43.50	-0.2
	0.7s		27.90nm			
KGM	145.42	172	ePKPc	17	43.80	0.0
QUE	145.60	89	ePKP	17	44.50	0.6
	S.D. = 1.0		on 47 of 58 obs.			

• JUN 13, 1985 01h 58m 13.44± 0.68s
35.762 N ±13.7km 34.909 W ± 9.3km
DEPTH = 10.0km (geophysicist)
4.8mb (6 obs.)
AZORES ISLANDS REGION (404)

MAL	24.57	79	iPc	03	35.70	1.2
FRB	34.69	334	eP	05	04.00	-0.9
KHC	37.55	54	eP	05	28.20	-1.2
BRG	37.89	51	e(P)	05	34.00	1.8
NB2	38.50	34	P	05	32.30	-4 9X
	0.8s		2.50nm			4 8mb
RSCP	40.78	285	eP	05	57.00	0 6
DAG	41.74	6	iPc	06	05.40	1 7
	0.8s		4.48nm			4.2mb
SUF	45.76	34	iP	06	34.40	-1.9
SOD	46.65	28	iP	06	41.30	-2.0
KEV	47.26	25	eP	06	49.00	0.9
RLO	47.95	289	eP	06	54.20	0.1
TUL	48.62	289	e(P)	07	00.00	0.7
	1.0s		5.90nm			4.6mb
MBC	54.29	343	eP	07	40.50	-0.9
	1.0s		12.00nm			4.9mb
YKA	54.35	326	eP	07	43.40	1.4
BDW	56.49	302	eP	07	57.00	-1.2
ALQ	57.10	292	eP	08	03.00	0.4
LTX	57.26	285	eP	08	03.00	-0.6
DUG	59.70	300	eP	08	20.30	-0.2
MSU	59.90	298	eP	08	22.50	0.4
INK	60.34	335	eP	08	25.00	0.6
ZOBO	60.56	217	Pc	08	26.50	-0.6
	1.0s		35.00nm			5.4mb
LPB	60.77	217	P	08	28.30	-0.1
	1.2s		37.50nm			5.4mb
	S.D. = 1.2		on 21 of 22 obs.			

• JUN 13, 1985 03h 10m 14.13± 1.21s
39.243 N ±10.2km 26.479 E ±10.9km
DEPTH = 10.0km (geophysicist)

13d 03h

TURKEY (366)

EZN	0.59	349	iPg	10 24.50	-1.6
			iSg	10 39.50	
IZM	1.04	144	iPn	10 32.90	-0.9
KGT	1.36	27	iPn	10 38.20	-0.9
EDC	1.53	44	ePn	10 41.90	0.3
MFT	1.66	22	ePn	10 45.70	2.2X
DST	1.70	77	ePn	10 44.80	0.7
KCT	1.76	55	ePn	10 46.00	1.1
VAY	3.64	306	ePn	11 13.00	1.3

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

? JUN 13, 1985 03h 15m 17.14± 5.06s
24.534 N ±10.0km 122.095 E ±41.3km
DEPTH = 10.0km (geophysicist)

TAIWAN REGION (243)

TWC	0.24	288	iPd	15 22.00	-0.2
TWD	0.64	225	iPc	15 30.00	0.0
			eS	15 40.50	
TATO	0.71	309	eP	15 31.50	0.5
			eS	15 42.00	
TWZ	0.73	320	iPd	15 31.20	-0.3
			eS	15 41.50	
ANP	0.83	321	eP	15 36.00	2.7X

S.D. = 0.6 on 4 of 5 obs.

JUN 13, 1985 03h 37m 48.59± 1.32s
15.199 N ± 9.2km 61.321 W ± 5.4km
DEPTH = 145.0 ± 12.5 km
4.6mb (23 obs.)

LEEWARD ISLANDS (92)

SJG	5.46	303	iP	39 08.70	-0.3
BAO	33.35	156	eP	44 15.40	0.3
FVM	34.29	317	eP	44 23.00	0.2
BHO	35.71	308	eP	44 35.40	0.5
RLO	36.58	311	eP	44 47.50	5.3X
TUL	37.03	310	iPc	44 46.50	0.5
	0.8s	17.50nm		4.9mb	
JCT	38.38	300	iP	44 57.20	-0.2
	1.0s	15.00nm		4.7mb	
SCH	39.76	355	iPd	45 09.40	0.9
LHC	40.32	331	eP	45 14.00	1.0
RSON	44.09	331	eP	45 43.80	0.0
	0.6s	3.10nm		4.1mb	
ALQ	44.92	304	eP	45 51.00	0.1
	1.0s	3.25nm		3.9mb	
RSSD	46.24	317	eP	46 01.80	0.6
BDW	49.48	314	eP	46 26.60	0.2
	1.0s	7.40nm		4.4mb	
LRM	52.42	317	eP	46 47.40	-1.1
BMN	54.45	309	eP	47 03.40	0.1
	1.0s	2.75nm		4.1mb	
KIC	56.14	93	eP	47 15.10	-0.6
NEW	56.19	318	iPc	47 15.30	-0.3
GRR	59.24	42	eP	47 36.70	-0.1
	0.8s	7.70nm		4.7mb	
FLN	59.56	42	eP	47 38.90	-0.1
	0.8s	6.40nm		4.6mb	
EKA	59.68	34	P	47 40.00	0.3
	0.7s	5.20nm		4.6mb	
EAU	59.68	34	e(P)	47 39.80	0.1
EBL	59.88	34	e(P)	47 41.00	-0.1
	0.5s	10.00nm		5.0mb	
YKC	60.02	335	eP	47 41.00	-0.9
	0.5s	7.00nm		4.9mb	
YKA	60.08	335	eP	47 41.80	-0.5
CAF	60.62	47	iPc	47 46.90	0.6
	0.8s	6.70nm		4.6mb	
GRC	61.65	44	iPd	47 53.70	0.5
AVF	61.77	45	iPc	47 54.30	0.3
	0.8s	6.90nm		4.6mb	
SSF	61.91	45	eP	47 54.70	-0.2
	0.6s	4.50nm		4.6mb	
SMF	62.08	45	eP	47 56.60	0.5
	0.8s	4.00nm		4.4mb	
LOR	62.17	44	iPc	47 56.80	0.1
	0.6s	9.90nm		4.9mb	
LBF	62.22	45	iPc	47 56.80	-0.2
	0.8s	7.40nm		4.7mb	
DOU	63.06	41	Pc	48 02.50	0.1
LPG	63.97	47	iPc	48 09.30	0.4
	0.8s	3.70nm		4.4mb	
DAG	65.33	10	iPc	48 16.10	-0.6
	0.7s	7.53nm		4.7mb	
ALE	67.33	360	ePd	48 29.00	-0.3
	0.6s	16.00nm		5.0mb	
MBC	67.96	347	ePd	48 34.00	0.7
	0.6s	8.00nm		4.7mb	
NB2	68.37	30	P	48 33.60	-2.5
	0.7s	4.40nm		4.4mb	
CLL	68.50	41	eP	48 37.00	0.0
INK	69.41	338	ePd	48 41.60	-0.7
NUR	74.93	31	iP	49 15.20	0.2
KEV	75.28	21	eP	49 17.00	0.1
SOD	75.31	24	eP	49 17.00	-0.1
SUF	75.47	28	iP	49 18.60	0.6
	0.6s	2.50nm		4.1mb	

S.D. = 0.6 on 42 of 43 obs.

? JUN 13, 1985 04h 05m 06.73± 8.66s
31.485 S ±47.9km 69.546 W ±67.5km
DEPTH = 139.4 ± 39.7 km

SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.64	90	iPd	05 28.00	-0.1
			S	05 40.60	
RTLL	0.93	81	iPc	05 30.30	0.0
RTCV	0.94	114	iPc	05 30.20	-0.1
CFA	1.12	97	iPc	05 32.10	0.1
			S	05 47.70	
MDZ	1.51	157	eP	05 39.80	3.7X
			iS	05 55.60	
RFA	3.40	165	ePc	05 59.60	0.0
			S	06 37.00	
TCA	4.24	89	ePd	06 10.70	0.0
			S	06 55.10	

S.D. = 0.1 on 6 of 7 obs.

JUN 13, 1985 04h 19m 25.40± 0.15s
63.641 N ± 2.7km 148.990 W ± 2.9km
DEPTH = 33.0km (normal)
4.9mb (41 obs.)

CENTRAL ALASKA (1)

ML 4.7 (PMR). Felt (V) at Cantwell, Healy and Denali National Park. Also felt at Broad Pass.

FBA	1.37	22	eP	19 50.20	1.8
PMR	2.06	182	eP	19 56.80	-1.5
IMA	3.15	323	eP	20 16.00	2.0
TTA	3.25	260	eP	20 16.00	0.7
SVW	4.00	234	eP	20 25.70	-0.2
DWY	4.25	80	P	20 28.20	-1.2
			e	20 33.20	
			S	21 20.20	
			Lg	22 26.20	
MID	4.41	162	eP	20 32.00	0.3
PNL	6.06	127	eP	20 53.00	-2.0X
KDC	6.16	198	eP	20 53.20	-3.1X
INK	7.84	47	eP	21 18.00	-1.9X
BRW	8.24	342	eP	21 24.20	-1.3X
SIT	9.44	128	eP	21 39.00	-3.0X
SDN	10.16	220	eP	21 52.10	0.3
YKA	15.51	79	eP	23 01.50	-1.4X
RSNT	15.52	79	P	23 01.30	-1.8X
	1.2s	48.2Bnm		4.6mb	
YKC	15.57	79	eP	23 02.00	-1.8X
	1.1s	45.00nm		4.6mb	
MBC	15.91	26	eP	23 06.00	-2.0X
	1.0s	52.00nm		4.6mb	
EDM	21.07	103	eP	24 07.80	-0.9
PNT	21.38	118	eP	24 14.50	2.7X
	1.0s	24.00nm		4.6mb	
NEW	23.21	116	eP	24 31.00	1.0
SES	24.10	105	eP	24 39.00	0.4
MFW	24.65	122	P	24 44.80	0.9
FFC	25.12	89	eP	24 48.00	-0.2
	0.8s	6.00nm		4.2mb	
LRM	27.07	114	eP	25 06.80	0.1
WDC	27.84	133	eP	25 14.20	0.8
MIN	28.36	132	ePc	25 18.40	0.1
ORV	29.11	133	eP	25 24.00	-0.8
BMN	29.80	126	eP	25 31.70	0.5
	1.0s	3.50nm		4.1mb	
BDW	30.75	114	P	25 40 50	0.8
	1.1s	43.53nm		5.2mb	
JAS1	30.94	133	eP	25 41.20	0.1
MHC	31.08	135	ePc	25 42.80	0.3
EUR	31.09	125	iP	25 43.00	0.3
	0.2s	30.14nm		5.8mb	
MNA	31.24	129	eP	25 44.70	0.7
RSON	31.43	88	P	25 44.70	-0.6
	1.2s	17.24nm		4.8mb	
LLA	31.96	134	e(P)	25 50.70	0.6
RSSD	31.97	106	P	25 52.40	2.0
	1.1s	43.60nm		5.3mb	
PRI	32.49	134	ePc	25 55.90	1.1
FRB	33.44	53	eP	26 02.00	-0.7
ISA	33.64	132	eP	26 04.00	-0.8
CLC	33.79	130	eP	26 06.00	-0.1
			e	28 44.00	
GSC	34.53	130	eP	26 12.00	-0.5
SBB	34.74	132	eP	26 14.00	-0.3
			e	28 47.00	
GOL	35.05	112	P	26 18.00	0.9
	1.0s	15.00nm		4.9mb	
			pP	26 22.40	15kmX
RMU	35.07	121	eP	26 16.90	-0.3
TPC	35.88	130	eP	26 24.00	0.1
PLM	36.28	131	eP	26 27.00	-0.5
DAG	36.45	17	iPd	26 28.20	0.0
	0.5s	28.17nm		5.4mb	
BAR	36.96	131	eP	26 33.00	0.0
GLA	37.25	129	eP	26 36.00	0.5
			e	28 55.00	
ALQ	38.70	117	eP	26 48.00	0.2
	1.0s	18.25nm		4.8mb	
TUL	42.30	105	eP	27 16.70	-0.5
	1.3s	26.40nm		4.8mb	
	Z 17s	0.73um		4.6MszX	
RLO	42.42	104	ePd	27 17.90	-0.2
FVM	42.91	98	eP	27 21.80	-0.4
	0.5s	14.00nm		4.9mb	
OTT	43.49	79	eP	27 26.00	-0.7
BHO	44.00	105	eP	27 31.00	0.0
MNT	44.32	77	eP	27 32.00	-1.5
LTX	44.75	118	eP	27 38.10	0.9
	0.9s	3.76nm		4.3mb	
			pP	27 43.00	16kmX
JCT	45.29	113	iP	27 41.90	0.4
	0.9s	16.81nm		4.9mb	
KEV	46.85	2	iP	27 53.80	0.5
	0.6s	13.00nm		5.1mb	
SOD	49.24	2	iP	28 12.20	0.3
PRM	49.75	93	eP	28 15.70	-0.5
CN2	50.04	290	Pd	28 18.00	-0.4
MAT	50.45	274	(P)	28 15.00	-6.5X
SNY	52.45	290	iPd	28 36.70	0.1
SUF	53.90	3	iP	28 46.90	-0.1
	0.7s	2.30nm		4.3mb	
NB2	54.74	12	P	28 49.20	-4.1X
	1.1s	12.00nm		4.8mb	
TPM	55.86	119	iPd	29 02.00	0.0
NUR	56.08	4	iP	29 02.60	-0.3
	0.8s	11.80nm		5.0mb	
UPP	56.40	8	iP	29 04.40	-0.8
BJI	57.01	294	eP	29 09.50	-0.3
VHO	58.35	117	iPc	29 21.00	1.3
PBJ	59.61	116	iPc	29 27.50	-0.7
NJ2	62.72	287	Pd	29 48.60	-0.4
GTA	63.85	306	P	29 56.80	0.2
CLL	64.52	12	eP	30 00.00	-0.6
MOX	65.04	13	eP	30 04.00	0.0
BRG	65.04	12	e(P)	30 09.00	5.0X
XAN	65.11	296	eP	30 03.20	-1.5
FLN	65.23	22	eP	30 04.80	-0.4
	1.0s	13.60nm		5.0mb	
KSP	65.28	10	eP	30 05.50	0.0
LDF	65.45	22	eP	30 05.90	-0.7
	1.0s	9.60nm		4.9mb	
GRR	65.52	23	eP	30 06.80	-0.3
	1.0s	7.60nm		4.7mb	
LPF	65.84	23	eP	30 08.10	-1.0
	1.0s	12.50nm		5.0mb	
WHN	65.93	290	eP	30 09.50	-0.4
PRU	65.98	12	P	30 10.60	0.6
KRA	66.31	8	ePd	30 12.40	0.3
	0.6s	23.00nm		5.5mb	
CDF	66.73	17	eP	30 14.00	-1.0
KHC	66.74	12	iPc	30 15.20	0.3
	1.2s	14.00nm		4.9mb	
			e	30 31.00	
HAU	67.01	18	eP	30 15.40	-1.2
SPC	67.20	8	eP	30 18.40	0.4
BSF	67.24	17	eP	30 17.80	-0.4
LOR	67.37	20	eP	30 18.70	-0.2
	0.8s	9.40nm		4.9mb	

MFF	67.37	23	eP	30	19.00	0.1
	0.9s	13.10nm			5.0mb	
SSF	67.52	20	eP	30	19.70	-0.1
	1.0s	20.80nm			5.2mb	
LBF	67.67	20	eP	30	20.50	-0.3
	0.8s	5.40nm			4.7mb	
AVF	67.76	20	eP	30	21.00	-0.3
	0.9s	10.20nm			4.9mb	
JOS	67.90	7	ePc	30	22.30	0.1
	0.9s	18.30nm			5.2mb	
BGF	67.91	21	eP	30	21.90	-0.4
	0.8s	7.70nm			4.9mb	
SMF	67.98	20	eP	30	22.20	-0.5
	1.0s	8.80nm			4.8mb	
KBA	68.75	13	iPc	30	28.00	0.3
	0.7s	18.30nm			5.3mb	
			i	30	33.80	
			i	30	37.90	
CAF	69.37	22	eP	30	31.10	-0.3
	1.0s	8.80nm			4.8mb	
CD2	69.90	299	P	30	34.80	0.0
LGR	70.95	26	eP	30	38.00	-3.0X
CDR	71.17	19	ePc	30	42.70	0.4
GYA	72.70	295	Pd	30	52.00	0.2
TOL	73.12	28	iPd	30	55.00	1.1
	1.0s	2.00nm			4.1mb	
OHR	75.28	8	eP	31	06.00	-0.4
MAL	76.08	29	iPd	31	12.80	1.9
KKN	79.39	313	iP	31	30.40	0.8
	0.6s	32.00nm			5.5mb	
PKI	79.56	313	P	31	30.90	0.3
	0.9s	29.00nm			5.3mb	
NDI	81.04	320	iPc	31	38.60	0.6
	0.8s	18.66nm			5.1mb	
SBA	143.78	194	iPKPd	38	54.80	-1.8
	1.0s	16.00nm				
SPA	153.49	180	e(PKP)	39	11.60	-0.6

S.D. = 0.7 on 99 of 113 obs.

JUN 13, 1985 04h 34m 09.14± 0.53s
38.973 N ± 5.3km 25.878 E ± 4.4km
DEPTH = 9.7 ± 3.2 km
AEGEAN SEA (365)
ML 3.5 (ATH).

PRK	0.41	48	ePg	34	18.00	0.5
EZN	0.92	22	iPg	34	26.50	-0.2
			eSg	34	40.50	
IZM	1.23	117	iPn	34	32.90	0.9
KGT	1.84	36	iPn	34	40.70	-0.4
PAIG	1.95	300	ePn	34	46.60	3.9X
			eSn	35	12.30	
ATH	1.97	240	ePn	34	45.00	2.1
			eSn	35	13.00	
EDC	2.06	48	iPn	34	44.40	0.2
MFT	2.11	30	ePn	34	44.70	-0.3
DST	2.23	73	iPn	34	46.80	0.1
KCT	2.30	56	iPn	34	47.20	-0.6
YER	2.64	133	ePn	34	52.70	0.1
SOH	2.68	314	ePn	34	53.50	0.3
KDZ	2.70	352	iP	34	53.00	-0.4
SRS	2.77	321	ePn	34	51.80	-2.6
			eSn	35	24.70	
LIT	2.85	294	ePn	34	54.40	-1.2
MMB	3.09	328	iPc	34	58.00	-0.9
KNT	3.16	315	ePn	35	00.00	0.0
ISK	3.21	48	ePn	34	59.70	-1.0
PLD	3.25	344	eP	35	02.00	0.8
GRG	3.33	308	ePn	35	02.30	0.0
VAY	3.45	314	iPn	35	04.00	-0.1
			i	35	14.70	
JMB	3.53	8	eP	35	07.00	1.9
GPA	3.67	68	ePn	35	06.00	-1.2
NPS	3.71	183	ePn	35	06.50	-1.3
VTS	4.15	332	iP	35	14.00	0.0
PVL	4.20	353	eP	35	17.00	2.3
MLR	6.51	0	eP	35	43.00	-4.5X

S.D. = 1.2 on 25 of 27 obs.

? JUN 13, 1985 04h 34m 53.92± 1.76s
7.562 S ±27.7km 27.562 E ±57.5km
DEPTH = 33.0km (normal)
ZAIRE REPUBLIC (567)

KRI	9.43	168	iPn	37	11.00	0.3
			iSn	38	52.00	
			eSg	39	46.00	
MTD	9.97	157	iPn	37	18.00	-0.1
			iSn	39	04.00	
			iSg	40	01.00	
BUL	12.55	175	ePn	37	53.00	-0.2
			iSn	40	07.50	
			iLg	41	26.00	
BNG	14.93	323	iPd	38	25.00	0.5
	0.4s	28.00nm			4.9mb	X
			i	41	04.00	
			i	43	00.80	
BCAO	14.94	323	eP	38	24.00	-0.5
			eS	41	02.50	
			eLg	42	52.00	

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

? JUN 13, 1985 04h 42m 53.66± 1.55s
38.678 N ±42.7km 67.460 E ±45.2km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
SOUTHEASTERN UZBEK SSR (714)
Felt (III) at Pendzhikent and Gezani-Payen.

MHI	6.76	252	iPc	44	25.00	-8.3X
			eS	45	59.00	
QUE	8.48	183	eP	45	05.30	8.0X
NDI	12.85	138	eP	45	58.00	1.3
			eS	48	17.00	
KKN	18.41	121	eP	47	07.00	-1.2
	0.5s	18.00nm			4.5mb	
PKI	18.64	121	eP	47	10.60	-0.5
	0.7s	20.00nm			4.4mb	
GBA	26.49	158	P	48	45.00	15.2X
	0.8s	7.10nm				
SUF	34.59	328	eP	49	42.00	0.9
NB2	40.94	322	P	50	32.50	-1.9
	0.7s	1.00nm			3.7mb	
MBC	65.27	2	eP	53	35.00	1.3
YKA	79.16	1	eP	54	59.40	3.3X

S.D. = 1.8 on 6 of 10 obs.

& JUN 13, 1985 06h 58m 04.50s
37.390 N 121.800 W
DEPTH = 0.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.3 (BRK). Felt in the eastern part of Son Jose.

MHC	0.14	111	iPc	58	07.30	0.1
			eS	58	09.70	
ARN	0.22	101	eP	58	08.90	0.1
GCC	0.39	204	eP	58	12.70	0.4
PCC	0.48	284	iPc	58	13.90	-0.1
SLD	0.56	124	eP	58	15.40	-0.3
BKS	0.60	325	ePd	58	16.80	0.4
			eS	58	26.20	
BRK	0.61	323	eP	58	16.50	-0.1
			e(S)	58	26.70	
LLA	1.03	138	eP	58	23.80	-1.2
PRS	1.11	162	ePc	58	25.40	-0.9
JAS1	1.22	64	eP	58	26.90	-1.2
			eS	58	43.40	

10 obs. associated

? JUN 13, 1985 08h 14m 45.35± 0.74s
16.112 N ±45.9km 39.627 E ±21.7km
DEPTH = 10.0km (geophysicist)
4.7mb (5 obs.)
ETHIOPIA (558)

BNG	23.73	243	iPc	19	59.00	0.3
	0.6s	6.00nm			4.3mb	
BCAO	23.74	243	eP	19	58.50	-0.3
			eLR	27	09.00	
DMN	43.51	67	eP	22	51.40	0.2
	1.0s	14.00nm			4.7mb	
KKN	43.68	67	eP	22	52.70	0.1
	1.0s	16.00nm			4.8mb	
PKI	43.78	67	eP	22	53.20	-0.3
	0.8s	9.00nm			4.6mb	
WRA	99.66	108	Pd	28	31.00	-0.1
	0.6s	2.70nm			5.0mb	
WB2	99.67	108	eP	28	31.20	0.1

S.D. = 0.3 on 7 of 7 obs.

• JUN 13, 1985 09h 46m 44.74± 1.86s
39.004 N ±13.7km 25.912 E ±13.5km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.88	21	iPg	47	01.50	-0.1
			iSg	47	16.50	
IZM	1.22	119	iPn	47	07.90	0.5
KGT	1.80	36	iPn	47	15.50	-0.5
EDC	2.02	48	ePn	47	17.90	-1.3
MFT	2.07	30	iPn	47	22.00	2.6
DST	2.19	73	iPn	47	21.80	0.0
KCT	2.26	56	ePn	47	22.00	-0.8
KDZ	2.67	351	iP	47	30.00	1.5
MM8	3.07	328	eP	47	33.00	-1.3
VAY	3.45	313	ePn	47	49.50	9.9X
VTS	4.14	331	eP	48	34.00	44.7X

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

• JUN 13, 1985 10h 11m 21.02± 0.85s
9.226 S ±13.9km 158.469 E ± 9.7km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
SOLOMON ISLANDS (193)

HNR	1.47	98	iP	11	45.50	0.0
			iS	12	05.00	
PAA	4.14	314	eP	12	23.00	-0.6
			eS	13	10.00	
BGA	4.47	313	eP	12	29.00	0.6
			eS	13	20.00	
CTA	16.00	226	eP	15	15.00	9.7X
WB2	25.62	243	eP	16	49.50	0.1
WRA	25.63	243	Pc	16	49.30	-0.2
	0.4s	1.10nm			3.8mb	

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

& JUN 13, 1985 10h 21m 53.02s
61.101 N 151.179 W
DEPTH = 64.8km
SOUTHERN ALASKA (2)
<AGS-P>.

NKA	0.36	185	iP	22	05.61	1.4
SUA	0.42	30	iP	22	04.52	-0.4
			eS	22	13.56	
SPU	0.43	281	iP	22	04.60	-0.4
			eS	22	13.65	
CGLM	0.45	298	iP	22	04.75	-0.4
			eS	22	13.99	
CRP	0.50	290	iP	22	05.36	-0.4
			eS	22	15.06	
SLKM	0.76	141	eP	22	07.72	-0.8
			eS	22	19.66	
PMS	0.80	79	iP	22	08.62	-0.4
			eS	22	20.92	
RDT	0.80	229	iP	22	08.60	-0.5
			eS	22	20.98	
PWA	0.83	48	eP	22	09.39	0.0
SKT	0.90	349	iP	22	09.60	-0.6
			eS	22	22.87	
PTE	1.08	102	iP	22	11.73	-0.8
MPA	1.08	124	iP	22	11.73	-0.8
			eS	22	29.23	
ILM	1.23	222	iP	22	14.09	-0.4
			eS	22	30.56	
GHO	1.28	57	eP	22	14.68	-0.6
			eS	22	31.07	
MSE	1.29	54	eP	22	14.76	-0.8
SEW	1.32	139	eP	22	14.13	-1.5
BRLK	1.35	174	eP	22	15.45	-0.8
KNK	1.35	75	eP	22	15.40	-0.9
SML	1.54	61	eP	22	17.88	-1.0
CFI	1.66	86	iP	22	18.81	-1.5
GLI	2.00	95	iP	22	22.66	-2.5
SVW	2.16	272	iP	22	25.92	-1.5
VZW	2.25	89	iP	22	26.33	-2.3
			eS	22	53.43	
FID	2.32	97	eP	22	26.22	-3.4
			eS	22	53.73	
VLZ	2.35	87	eP	22	27.87	-2.2
KLU	2.57	79	eP	22	30.89	-2.3
KMP	3.00	79	eP	22	37.02	-2.2

27 obs. associated

• JUN 13, 1985 11h 19m 37.87± 0.46s
45.147 S ± 9.5km 95.819 E ±10.8km
DEPTH = 10.0km (geophysicist)
5.1mb (2 obs.) 5.2Msz (1 obs.)

13d 11h

SOUTHEAST INDIAN RISE (435)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B., 11S, 17C
Centroid Location:
Origin Time 11:19:45.5 0.7
Lat 45.13S 0.08 Lon 96.04E 0.12
Dep 10 0 Fix Half-duration 1.5
Moment Tensor, Scale 10**23 D-CM
Mrr=-1.31 0.39 Mtt= 6.89 0.49
Mff=-5.58 0.45 Mrt= 1.07 1.57
Mrf=-2.21 1.44 Mtf=-3.75 0.48
Principal Axes:
T Val= 8.21 Plg=10 Azm= 17
N -1.00 70 136
P -7.21 17 284
Best Double Couple:Mo=7.7*10**23
NP1:Strike= 61 Dip=71 Slip=-175
NP2: 329 85 -19

KLB	21.80	59	eP	24	32.00	0.2
BAL	21.88	56	eP	24	35.00	2.4
MEK	25.95	52	eP	25	12.00	-0.1
ASPA	37.56	68	eP	26	53.00	-1.0
			eS	32	48.00	
WRA	40.50	64	Pc	27	17.80	-0.7
	1.2s	31.00nm			4.9mb	
WB2	40.50	64	eP	27	17.70	-0.9
SBA	42.31	163	e(P)	27	33.10	0.3
PPI	44.68	7	e(P)	28	02.50	9.9X
SPA	45.05	180	e(P)	27	55.70	0.4
Z	19s	2.74um			5.2Msz	
SNA	50.89	206	eP	28	40.00	-0.5
CMTO	63.71	3	e(P)	30	12.00	0.3
KMI	70.21	7	eP	30	53.50	0.5
GYA	71.94	10	eP	31	03.60	0.3
CD2	76.04	7	eP	31	27.10	0.2
OUE	79.45	335	eP	31	45.00	-0.9
XAN	79.71	11	eP	31	45.80	-1.2
BNG	84.19	282	iPd	32	11.80	1.0
	0.5s	9.00nm			5.3mb	
			i	32	19.80	
GTA	84.25	3	P	32	19.30	8.7X
MBC	145.53	14	ePKP	39	16.00	-0.3
INK	145.84	30	ePKP	39	17.00	0.0
PAS	151.81	101	ePKP	39	23.00	-4.4X
MWC	151.93	101	ePKP	39	35.00	7.2X
BAR	152.02	105	ePKP	39	35.00	7.2X
PLM	152.27	104	ePKP	39	36.00	7.7X
SBB	152.34	100	ePKP	39	35.00	6.8X
ISA	152.40	98	ePKP	39	36.00	7.7X
CLC	153.09	99	ePKP	39	37.00	7.8X
TPC	153.26	103	ePKP	39	38.00	8.5X
GSC	153.38	100	ePKP	39	27.00	-2.7X
GLA	153.49	106	ePKP	39	39.00	9.2X
YKA	155.38	34	ePKP	39	40.80	9.4X

S.D. = 0.9 on 18 of 31 obs.

JUN 13, 1985 11h 19m 59.02± 0.96s
24.112 N ± 7.2km 121.698 E ±10.6km
DEPTH = 7.3 ± 7.8 km

TAIWAN (244)

TWD	0.10	251	iP	20	01.50	0.1
			eS	20	03.00	
TWC	0.51	16	iPc	20	09.00	-0.3
			eS	20	16.50	
TWQ	0.80	282	iPd	20	14.50	-0.4
TWF1	0.84	206	eP	20	15.50	0.0
			eS	20	28.00	
TATO	0.88	348	eP	20	16.30	0.2
			eS	20	29.00	
ANP	1.08	351	eP	20	20.00	0.4
TWK	1.39	233	iPc	20	25.00	0.2
TWG	1.41	204	eP	20	25.00	0.0

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

JUN 13, 1985 11h 42m 32.35± 0.18s
14.729 N ± 3.7km 90.546 W ± 3.1km
DEPTH = 222.6km (18 depth phases)
5.0mb (67 obs.)

GUATEMALA (70)
Felt (II) at San Salvador, El Salvador.

BVA	0.11	235	iPd	43	02.50	-0.4
MMG	0.23	215	iPd	43	02.50	-0.5
REC	0.29	176	iPd	43	02.50	-0.5
FGO	0.40	225	iPd	43	02.00	-1.3
TER	0.44	198	iPd	43	02.00	-1.2
TP2	0.46	277	iPc	43	03.00	-0.7
LHG	0.68	245	iP	43	01.90	-1.2
ZIS	0.70	173	iPc	43	03.15	0.1
			S	43	13.80	
MYT	0.82	145	iPc	43	05.00	1.1
MRL	0.89	68	ePc	43	06.50	2.2
OZG	1.13	95	ePd	43	08.40	2.6
COM	2.15	315	iP	43	14.80	0.2
			iS	43	44.80	
PBJ	4.98	291	iP	43	45.00	-2.7
			iS	44	36.90	
VHO	6.45	294	iP	44	04.50	-2.1
TPM	9.18	299	iP	44	42.50	0.5
IIP	9.23	301	iP	44	43.00	0.3
III	9.29	294	iP	44	43.00	-0.4
UNM	9.44	300	iP	44	46.00	0.6
TAC	9.49	301	iP	44	47.00	1.0
IIC	9.71	302	iP	44	49.00	0.1
OXM	9.85	299	iP	44	51.20	0.5
GCM	9.87	61	P	44	54.00	3.4X
PIM	11.43	290	iP	45	10.00	-0.5
UPA	12.19	117	iPc	45	21.80	1.7
	1.2s	318.75nm			5.5mb	
			i	45	28.20	
CHN	17.61	122	eP	46	26.00	0.7
JCT	17.84	333	iP	46	27.50	0.0
	1.0s	75.00nm			5.1mb	
PSO	18.75	135	iP	46	40.00	2.6
BMG	18.76	112	iP	46	37.00	-0.2
LTX	18.93	322	P	46	40.20	1.4
OUR	18.99	140	eP	46	43.50	3.6X
BOG	19.08	120	eP	46	42.50	1.7
			eS	50	18.00	
BHO	19.95	349	iPc	46	49.50	0.5
PWLA	20.29	6	P	46	54.00	1.6
SDV	20.33	104	iPc	46	54.20	1.1
	0.5s	106.50nm			5.6mb	
PRM	20.64	20	eP	46	57.70	1.8
TOV	20.86	101	eP	46	59.50	1.3
RSCP	21.25	11	eP	47	05.20	3.3X
	0.9s	561.02nm			6.1mb X	
TUL	21.61	348	iPc	47	05.50	0.2
	0.7s	188.00nm			5.7mb	
Z	18s	0.32um			3.8Msz	
			e	48	12.20	
			eS	50	52.00	
OCO	21.62	345	eP	47	06.00	0.5
			e	47	40.50	
TKL	21.71	15	P	47	09.40	3.1X
RLO	21.72	350	iPc	47	06.80	0.4
RRO	21.80	343	eP	47	08.70	1.5
	0.7s	77.40nm			5.3mb	
FVM	23.16	0	eP	47	20.00	-0.3
	0.6s	19.51nm			4.9mb	
ACO	23.19	342	eP	47	21.00	0.4
	0.8s	55.40nm			5.2mb	
CAR	23.42	98	iPd	47	23.00	-0.1
SJG	23.64	78	iP	47	25.70	0.7
NAV	24.11	19	P	47	30.80	1.5
BLA	24.14	20	eP	47	31.00	1.4
	1.0s	152.00nm			5.5mb	
ALQ	24.70	327	eP	47	35.30	0.3
	0.9s	5.67nm			4.2mb	
			e	48	19.00	228km
CVL	25.52	23	P	47	43.20	1.0
GOL	28.07	335	P	48	06.20	0.6
	0.8s	7.44nm			4.4mb	
GLA	28.61	314	eP	48	11.00	0.8
			e	48	55.00	220km
RMU	28.73	325	eP	48	12.20	0.8
			pP	48	56.00	218km
			eScP	54	35.90	
DLA	29.07	14	P	48	13.90	-0.2
LDN	29.34	14	P	48	15.80	-0.6
ELF	29.45	14	P	48	16.85	-0.6
WVLY	29.51	18	P	48	18.80	0.8
BAR	29.73	312	eP	48	20.00	0.0
			e	49	06.00	230km
TBR	29.90	25	P	48	22.30	0.9
PAL	29.91	26	eP	48	22.20	0.7
TPC	30.05	314	eP	48	23.00	0.2
			e	49	08.00	223km
PLM	30.21	312	eP	48	25.00	0.5
			e	49	08.00	212kmX
MSU	30.43	325	P	48	27.40	1.1
GSC	31.23	316	eP	48	33.00	-0.2
RSSD	31.47	341	eP	48	35.00	-0.3
	1.0s	8.50nm			4.4mb	
			pP	49	21.60	230km
			eScP	54	43.30	
MWC	31.52	313	eP	48	36.00	0.2
			e	49	21.00	221km
PAS	31.56	313	eP	48	37.00	1.1
			e	49	21.00	215km
SBB	31.60	314	eP	48	36.00	-0.3
			e	49	21.00	221km
DUG	31.97	327	P	48	40.00	0.3
SKLY	32.28	22	P	48	42.80	0.8
BDW	32.39	333	P	48	42.60	-0.7
	1.0s	5.00nm			4.1mb	
ISA	32.57	315	eP	48	46.00	1.2
RSNY	32.69	21	P	48	46.30	0.6
	1.1s	261.63nm			5.8mb	
OTT	33.04	19	iPc	48	49.00	0.4
	0.9s	333.00nm			6.0mb	
EUR	33.25	323	iP	48	51.20	0.4
	0.2s	13.40nm			5.2mb	
LHC	33.61	2	eP	48	52.50	-0.9
	0.9s	122.00nm			5.5mb	
MNT	33.84	22	iPc	48	56.00	0.6
	0.9s	210.00nm			5.8mb	
TMI	33.86	331	P	48	56.20	0.3
MNA	33.93	319	iPc	48	58.00	1.5
			e	49	43.70	222km
			e	50	09.00	
FRI	34.12	316	eP	48	57.90	0.0
PRI	34.33	314	eP	49	01.60	1.7
			e	49	46.20	215km
BMN	34.60	323	eP	49	03.00	0.9
			pP	49	49.00	224km
			eScP	56	02.90	
LLA	34.77	314	e(P)	49	03.20	-0.3
PRS	34.92	314	e(P)	49	05.30	0.6
JAS1	35.10	317	eP	49	06.70	0.4
			e	49	53.00	219km
			e	50	19.30	
MHC	35.62	315	eP	49	12.00	1.3
GCC	35.70	314	eP	49	12.10	0.8
EMM	35.74	29	P	49	12.80	1.4
LRM	36.06	334	ePc	49	15.00	0.5
			e	50	00.80	215km
RSON	36.13	357	P	49	16.30	1.7
HNME	36.61	27	P	49	20.00	1.2
ORV	36.70	318	eP	49	20.90	1.2
			e	49	53.00	144kmX
			e	50	32.40	
MIN	37.21	319	eP	49	24.40	0.3
ZOBO	37.94	143	iPd	49	32.20	1.4
	1.0s	72.50nm			5.2mb	
			LR	15	52.00	
LPB	38.16	144	iPc	49	34.30	1.8
	1.0s	60.00nm			5.1mb	
			LR	16	10.00	
SES	39.27	339	eP	49	40.50	-0.4
NEW	39.99	332	eP	49	41.00	-5.8X
FFC	40.89	350	iPc	49	54.40	0.3
	0.7s	58.00nm			5.2mb	
PNT	41.89	332	eP	50	02.00	-0.3
	0.8s	38.00nm			4.9mb	
			pP	50	52.00	237kmX
EDM	42.42	340	iPc	50	06.70	0.1
			pP	50	54.00	222km
SCH	44.06	20	iPc	50	19.80	0.0
	0.7s	269.00nm			5.8mb	
YJA	44.13	146	ePc	50	22.80	1.7
SLA	46.21	148	eP	50	38.80	1.6
YKC	50.61	346	ePc	51	09.40	-0.9
	0.8s	19.00nm			4.6mb	
RSNT	50.64	346	P	51	11.60	1.1
	0.8s	21.13nm			4.7mb	
YKA	50.66	346	eP	51	10.10	-0.6
FRB	51.30	12	ePc	51	14.20	-1.3
	0.8s	60.00nm			5.1mb	
BAO	51.75	124	iPc	51	18.70	-1.0
			i	51	25.30	22kmX
TCA	52.15	152	iPd	51	22.00	-0.3
ITB1	52.69	138	Pc	51	25.30	-0.9
SOB1	54.67	113	eP	51	39.10	-1.8
	0.5s	14.00nm			4.8mb	
			e	51	40.60	5kmX
			e	51	48.90	

		e	52 20.00		
ITR	56.70	111 ePc	51 53.50	-1.9	
VAO	56.79	131 iP	51 55.30	-0.6	
INK	60.13	343 ePc	52 16.90	-1.3	
	0.9s	45.00nm		5.2mb	
PMR	62.41	333 eP	52 32.00	-1.5	
FBA	63.14	336 eP	52 36.40	-1.9	
	1.0s	5.00nm		4.3mb	
MBC	63.37	353 iPc	52 38.50	-1.1	
	0.6s	19.00nm		5.1mb	
		pP	53 33.50	240kmX	
TTA	65.89	333 P	52 54.20	-1.9	
		pP	53 47.90	231km	
ALE	68.73	4 eP	53 08.00	-5.4X	
	0.6s	16.00nm		4.9mb	
DAG	71.61	13 iPd	53 29.60	-1.2	
	0.4s	16.10nm		5.1mb	
		i	54 24.00	231km	
DCN	74.32	38 iPc	53 45.60	-1.3	
DLE	74.77	38 iPc	53 48.60	-0.8	
	0.7s	19.00nm		4.9mb	
ELO	76.12	35 iPc	53 56.40	-0.6	
	0.7s	31.00nm		5.1mb	
EBH	76.26	35 iPc	53 57.10	-0.7	
	0.6s	34.00nm		5.3mb	
EAU	76.33	35 ePc	53 57.40	-0.8	
	0.7s	21.00nm		5.0mb	
EDU	76.50	35 iPc	53 58.80	-0.3	
ESK	76.53	36 eP	53 58.00	-1.3	
EKA	76.55	36 Pd	53 59.00	-0.4	
	0.8s	51.20nm		5.3mb	
EBL	76.57	35 ePc	53 58.60	-0.9	
ESY	76.79	35 iPc	54 00.20	-0.5	
	0.6s	39.00nm		5.3mb	
LPF	78.88	43 iPc	54 11.40	-0.9	
	0.8s	20.80nm		4.9mb	
GRR	78.94	43 iPc	54 12.00	-0.6	
	0.7s	39.00nm		5.2mb	
FLN	79.12	42 iPc	54 13.00	-0.6	
	0.6s	24.10nm		5.1mb	
LDF	79.39	42 iPc	54 14.40	-0.6	
	0.7s	22.00nm		5.0mb	
MFF	79.73	44 eP	54 16.00	-0.8	
	0.8s	8.00nm		4.5mb	
LFF	80.65	46 eP	54 21.00	-0.7	
	0.9s	13.80nm		4.7mb	
EPF	80.75	48 eP	54 21.70	-0.6	
	0.8s	8.50nm		4.5mb	
LSF	80.93	45 eP	54 22.00	-1.2	
RJF	81.12	46 eP	54 23.30	-0.9	
	0.9s	13.10nm		4.7mb	
MLS	81.29	48 iPc	54 24.10	-1.0	
TCF	81.39	44 iPc	54 24.40	-1.2	
	0.8s	14.90nm		4.8mb	
CAF	81.57	46 eP	54 25.70	-0.9	
	0.7s	5.90nm		4.4mb	
GRC	81.75	43 iPc	54 27.00	-0.4	
BGF	81.76	44 iPc	54 26.50	-1.0	
	0.8s	26.30nm		5.0mb	
AVF	82.05	44 iPc	54 27.80	-1.1	
	0.9s	13.60nm		4.7mb	
SSF	82.09	44 iPc	54 28.00	-1.2	
	0.8s	19.30nm		4.9mb	
DOU	82.10	40 P	54 28.90	-0.2	
	0.7s	24.40nm		5.0mb	
		e	54 35.00	19kmX	
		e	16 04.40		
LOR	82.28	43 iPc	54 29.10	-1.1	
	0.8s	20.10nm		4.9mb	
SMF	82.41	44 eP	54 29.70	-1.1	
	0.8s	15.30nm		4.8mb	
LBF	82.42	44 iPc	54 29.60	-1.3	
	0.8s	7.40nm		4.5mb	
ENN	82.76	39 iPc	54 32.30	-0.2	
	0.9s	43.00nm		5.2mb	
NB2	82.84	29 P	54 30.20	-2.6	
	0.8s	11.10nm		4.6mb	
MEM	82.86	40 P	54 33.20	0.2	
HAU	83.73	42 iPc	54 36.90	-0.6	
	0.6s	20.80nm		5.1mb	
BSF	84.06	42 iPc	54 38.50	-0.8	
	0.6s	13.30nm		4.9mb	
CDF	84.22	42 iPc	54 39.50	-0.6	
	0.7s	11.00nm		4.7mb	
GWF	84.29	41 iPc	54 39.80	-0.5	
KIC	84.37	85 eP	54 40.50	-0.8	
		e	55 38.10	239kmX	

CDR	84.45	46 ePd	54 42.40	1.2	
EMS	84.62	44 ePd	54 42.30	0.0	
LPG	84.65	44 eP	54 42.00	-0.6	
	0.8s	6.20nm		4.4mb	
LRG	84.93	47 eP	54 42.40	-1.1	
	0.8s	11.80nm		4.7mb	
DIX	84.94	44 ePd	54 44.20	0.2	
LMR	85.06	47 eP	54 43.80	-0.4	
	0.8s	19.80nm		4.9mb	
FRF	85.10	46 iPc	54 44.10	-0.3	
	0.7s	28.70nm		5.2mb	
SLE	85.18	42 ePd	54 44.50	-0.3	
ZUL	85.20	42 ePd	54 44.70	-0.2	
MMK	85.32	44 ePd	54 46.60	0.8	
KEV	85.35	18 ePKP	54 33.00	-12.2X	
		eSKP	58 05.00		
LLS	85.77	43 ePd	54 48.40	0.4	
SAX	85.89	42 ePd	54 48.70	0.1	
VDL	86.19	43 ePd	54 50.50	0.5	
UPP	86.23	29 iP	54 49.20	-0.4	
MOX	86.27	39 eP	54 50.00	0.0	
GRF	86.33	40 iPc	54 51.10	0.7	
	0.9s	27.00nm		5.1mb	
SOD	86.45	20 ePKP	54 40.00	-10.6X	
		i	54 50.00	31kmX	
		eSKP	58 13.00		
OSS	86.58	43 ePd	54 52.10	0.3	
CLL	86.88	38 eP	54 53.00	0.1	
		i	54 59.00	19kmX	
		e	55 48.00		
CVF	86.94	47 eP	54 52.60	-0.9	
	0.8s	21.60nm		5.0mb	
BRG	87.59	38 iP	54 56.10	-0.3	
		e	55 50.60	223km	
		e	58 25.00		
KHC	87.97	40 eP	54 50.50	-7.8X	
		e	54 58.40	25kmX	
		e	55 04.00		
		e	55 53.60		
KBA	88.53	42 iP	55 02.00	0.8	
		i	55 09.20	23kmX	
SUF	88.63	24 iPKP	55 00.60	-0.5	
	0.5s	5.50nm		4.7mb	
NUR	89.10	27 ePKP	55 03.00	-0.3	
	0.5s	14.00nm		5.1mb	
		i	55 14.10	35kmX	
		iSKP	58 36.40		
CAN	123.13	237 ePKP	01 05.00	0.7	
WAM	123.14	236 ePKP	01 05.40	1.2	
YOU	123.72	239 ePKP	01 06.20	0.7	
MAW	124.40	168 ePKP	01 06.00	0.4	
WB2	136.92	256 ePKP	01 21.80	-9.2X	
		i	01 31.20		
WRA	136.93	256 PKPc	01 20.30	-10.7X	
	0.7s	1.50nm			
ASPA	137.24	251 ePKP	01 22.00	-9.6X	
W8N	143.53	246 ePKP	01 42.00	-0.7	
CHG	145.38	344 iPKPc	01 44.20	-1.8	
	0.7s	8.56nm			
HYB	146.30	19 ePKPc	01 47.50	0.0	
RKG	148.53	227 ePKP	01 55.00	4.4X	
NWAO	148.94	229 iPKPd	01 52.50	1.2	
KLB	149.17	232 iPKPc	01 59.60	7.9X	
KHT	149.31	342 ePKP	01 56.10	3.8X	
GBA	149.44	23 PKPc	01 52.80	0.3	
	0.6s	18.70nm			
MUN	150.16	230 iPKPd	01 54.30	1.1	
MEK	150.40	242 ePKP	01 59.00	5.3X	
BAL	150.41	233 ePKP	01 52.00	-1.6	
MBL	150.43	253 iPKPc	01 59.60	5.7X	
MRWA	151.57	235 ePKP	02 02.00	6.6X	
	S.D. = 1.0	on 186 of 204 obs.			

* JUN 13, 1985 12h 32m 00.47± 1.38s
24.507 N ± 8.0km 122.261 E ±12.8km
DEPTH = 10.0km (geophysicist)
4.1mb (1 obs.)

TAIWAN REGION (243)

TWC	0.39	285 iPd	32 07.50	-0.9	
		eS	32 12.00		
TWD	0.74	235 iPc	32 15.00	0.0	
		eS	32 25.00		
TATO	0.84	304 eP	32 16.80	0.1	
		eS	32 28.00		
TWZ	0.85	314 iPc	32 17.00	0.1	
ANP	0.95	315 eP	32 19.30	0.6	

TWF1	1.45	218 iPd	32 27 58		
WRA	45.72	164 Pc	40 23.10	-0 6	
	0.6s	1.30nm		4.1mb	
	S.D. = 0.7	on 7 of 7 obs.			

JUN 13, 1985 12h 43m 32.11± 0.37s
13.821 N ± 4.6km 144.646 E ± 6.0km
DEPTH = 158.1 ± 3.4 km
4.8mb (4 obs.)

MARIANA ISLANDS (216)

GUMO	0.32	137 iP	43 54.40	-0.5	
PJG	0.32	137 iP	43 54.50	-0.4	
GUA	0.38	137 iP	43 54.30	-0.9	
		eS	44 10.00		
MOM	15.99	170 eP	47 11.50	1.8	
JAY	16.69	194 ePc	47 19.00	0.7	
LMG	22.85	171 eP	48 22.00	-0.7	
PMG	23.21	174 eP	48 27.00	1.0	
MAT	23.35	347 eP	48 26.00	-1.3	
BAG	23.37	279 eP	48 28.00	0.2	
QIZ	33.74	284 eP	50 01.30	0.6	
WB2	35.05	197 iPc	50 11.00	-0.7	
		eS	55 25.30		
		eScP	56 11.30		
WRA	35.05	197 Pc	50 10.90	-0.8	
	1.0s	22.70nm		4.8mb	
BJI	36.13	322 P	50 24.00	3.4X	
GYA	37.67	295 P	50 35.60	1.7	
XAN	38.08	308 eP	50 37.20	0.0	
ASPA	38.71	196 eP	50 42.00	-0.4	
PVC	39.10	143 iPc	50 46.00	0.4	
KOU	39.24	150 iPc	50 46.90	0.2	
KMI	40.92	292 eP	51 02.50	1.6	
CD2	41.19	301 eP	51 03.30	0.5	
NOU	41.79	149 iPd	51 08.50	0.9	
MBL	42.45	215 eP	51 12.00	-1.1	
LZH	42.71	309 eP	51 16.50	1.3	
WBN	43.44	204 iPc	51 21.80	0.8	
NAU	46.06	219 eP	51 42.00	0.1	
GTA	46.86	312 iPd	51 49.00	0.8	
		pP	52 23.10	151kmX	
		iS	58 26.90		
YOU	47.96	176 eP	51 57.20	0.6	
CAN	49.04	175 eP	52 05.50	0.6	
WAM	49.90	176 eP	52 12.20	0.8	
MRWA	50.95	213 eP	52 17.50	-2.0	
BAL	51.71	211 eP	52 26.00	0.8	
KLB	52.00	209 eP	52 24.00	-3.4Y	
MUN	53.07	210 eP	52 34.00	-1.2	
PKI	56.61	294 eP	53 00.20	-1.2	
KKN	56.73	294 eP	53 01.00	-1 1	
	0.8s	12.00nm		4.8mb	
WMO	56.82	314 P	53 02.50	0.2	
DMN	56.88	294 eP	53 02.60	-0.6	
	0.8s	12.00nm		4.8mb	
KRP	59.07	152 P	53 18.00	0.2	
GNZ	60.82	150 P	53 29.00	-0.7	
TCW	61.23	155 P	53 31.80	-0.7	
MNG	61.25	154 P	53 31.00	-1.6	
MSZ	61.94	161 eP	53 33.00	-4.1X	
MBC	78.10	14 eP	55 13.50	-1.0	
		pP	56 14.50	258kmX	
YKA	82.75	27 eP	55 38.90	-0.3	
YKC	82.82	27 eP	55 38.00	-1.6	
CLC	88.18	54 eP	56 07.00	0.3	
MWC	88.24	55 eP	56 08.00	0.8	
SBB	88.30	55 eP	56 03.00	0.7	
		e	56 48.00		
EUR	88.41	50 iP	56 08.20	0.3	
	0.2s	13.40nm		5.6mb	
GSC	88.94	54 eP	56 11.00	0.6	
LRM	88.97	43 eP	56 10.70	0.2	
PLM	89.44	56 eP	56 13.00	0.2	
BAR	89.78	56 eP	56 14.00	-0.2	
TPC	89.88	55 eP	56 15.00	0.3	
GLA	91.16	56 eP	56 22.00	1.4	
MEM	106.36	334 ePKP	01 40.60	1.4	
DOU	107.34	334 ePKP	01 40.80	-0.4	
BNG	123.53	285 iPKPd	02 13.20	0.6	
	0.3s	5.00nm			
KIC	143.59	301 ePKP	02 48.00	-2.6	
	S.D. = 1.0	on 56 of 59 obs.			

* JUN 13, 1985 12h 54m 48.26± 1.02s
36.991 N ± 9.6km 26.208 E ±13.7km
DEPTH = 33.0km (normal)

13d 12h

3.9mb (1 obs.)
DODECANESE ISLANDS (369)
ML 4.0 (ATH).

IZM	1.63	30	iPn	55 15.40	0.3
YER	1.67	84	ePn	55 14.30	-1.3
MPS	1.79	196	ePn	55 18.50	1.1
			eSg	55 47.00	
ATH	2 21	297	ePb	55 34.70	11.4X
			eSn	56 06.50	
PRK	2.25	1	ePn	55 25.00	1.1
			ePg	55 32.00	
EZN	2.83	2	iPn	55 32.50	0.4
DST	3.23	35	ePn	55 38.30	0.4
BCK	3.53	81	ePn	55 46.00	3.8X
EDC	3.59	21	iPn	55 54.40	11.4X
KCT	3 66	27	ePn	55 44.40	0.4
VAY	5.17	328	ePn	56 32.40	27.1X
EKA	27.08	322	P	00 27.00	-2.5
	0 4s		1.40nm		3.9mb

S.D. = 1.5 on 8 of 12 obs.

* JUN 13, 1985 13h 13m 10.77± 1.73s
36.258 N ±13.0km 69.476 E ± 7.9km
DEPTH = 64.7 ± 22.4 km
4.4mb (2 obs.)
HINDU KUSH REGION (718)

QUE	6.41	200	eP	14 44.90	0.0
			eS	15 52.50	
MHI	8.06	273	iPc	15 07.50	-0.2
			e	16 33.00	
NDI	9.99	137	iPc	15 35.00	1.0
	0 5s	28.17nm			5.6mb X
			iS	17 19 00	
DMN	15 61	119	eP	16 50 80	-0.2
KKN	15.83	118	eP	16 51.00	-0.2
PKI	16 05	118	eP	16 53.30	-0 8
HYB	20 42	154	eP	17 45 00	-0.1
NUR	37.31	325	iP	20 18.20	0.2
SUF	37.48	329	iP	20 19.90	0.5
KEV	40 58	339	eP	20 45.00	0.0
HFS	42.50	322	eP	21 00.30	-0.6
	0 3s	3.50nm		4 6mb	
NB2	43.84	323	P	21 07.80	-4.0X
	0.5s	2.50nm		4.3mb	
MBC	67.63	2	eP	24 02.50	0.3

S.D. = 0.6 on 12 of 13 obs.

JUN 13, 1985 13h 51m 56.77± 0.88s
8.057 S ± 8.7km 120.209 E ± 7.4km
DEPTH = 234.1 ± 10.6 km
4.8mb (5 obs.)
FLORES ISLAND REGION (286)

KUPT	3.95	122	eP	53 00.50	0.8
TRT	7.51	272	ePd	53 45.00	0.5
KNA	11.34	133	eP	54 32.00	-1.4
			eS	56 35.00	
MTN	11.75	115	eP	54 39.00	0.4
			eS	56 42.00	
MBL	13.03	182	eP	54 53.00	-1.7
			eS	57 13.00	
NAU	15 10	197	eP	55 20.00	-0.1
			eS	58 03.00	
WRA	18.08	132	Pc	55 53.30	-0.4
	0.3s	6.80nm		4.6mb	
WB2	18.09	132	iPc	55 53.30	-0.5
			eS	59 10.00	
MEK	18.52	185	iPc	55 58.50	0.2
	0.5s	94.00nm		5.6mb	
			eS	59 20.00	
WBN	18.98	162	iPc	56 03.80	0.9
			e	56 07.00	
			eS	59 40 00	
ASPA	20 33	141	iPc	56 17.70	1.2
	0 3s	39.00nm		5.4mb	
			eS	59 52.00	
MRWA	21.42	190	iPc	56 27 60	0.5
			eS	00 29.00	
KLG	22 64	177	eP	56 39 00	0.1
BAL	22 67	188	iPd	56 48 30	9 1X
KLB	23 53	185	eP	56 40.00	-7.4X
MUN	24 09	188	eP	56 53 00	0 4
NWAO	24 90	186	eP	57 00 00	-0.1
RYG	26 05	186	eP	57 17.00	6.4X
DMN	49 10	318	eP	00 22.40	-0.6
	0.5s	7.00nm		4.3mb	
KKN	49.10	318	eP	00 22.70	-0.3
	0.5s	5.00nm		4.2mb	

S.D. = 0.9 on 17 of 20 obs.

* JUN 13, 1985 13h 56m 31.36± 2.38s
24.662 N ±11.1km 122.518 E ±20.0km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC	0.61	265	iPd	56 41.80	-1.9
TATO	0.99	289	iPd	56 50.90	0.8
			e(S)	57 03.00	
TWD	1.02	236	iPd	56 50.00	-0.7
ANP	1.05	300	eP	56 52.50	1.3
TWG	2.26	216	iPd	57 10.50	1.1
SSE	6.52	350	Pc	58 08.80	-0.8
			Lg	00 18.50	

S.D. = 1.7 on 6 of 6 obs.

% JUN 13, 1985 14h 21m 04.00± 1.07s
60.286 N ± 6.0km 5.070 E ±13.0km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.0 (BER).

ASK	0.21	17	iPg	21 08.50	0.0
			eSg	21 12.20	
SUE	0.79	349	iPg	21 19.00	-0.3
			eSg	21 30.50	
ODD	0.87	112	iPg	21 20.40	-0.3
			eSg	21 32.00	
HYA	1.04	31	iPg	21 24.00	0.4
			iSg	21 39.40	
KMY	1.08	175	iPg	21 24.50	0.2
			iSg	21 40.50	

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

* JUN 13, 1985 14h 44m 09.64± 1.97s
43.161 N ±19.0km 25.347 E ± 9.8km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PVL	0.13	264	iPd	44 12.00	-0.8
JMB	1.14	127	iP	44 31.00	0.0
PLD	1.16	204	iPgc	44 31.00	-0.3
			iSg	44 45.00	
KDZ	1.52	180	iP	44 37.00	0.1
			iS	44 57.00	
VTS	1.67	251	eP	44 40.00	0.9
			S	45 02.00	
MMB	1.98	218	eP	44 47.00	3.5X
MLR	2.37	10	iPd	44 55.50	6.2X
VAY	2.76	229	iPn	45 01.20	6.5X
VRI	2.88	20	ePd	45 40.00	43.6X
SKO	3.12	249	eP	45 44.00	44.2X

S.D. = 0.9 on 5 of 10 obs.

JUN 13, 1985 14h 51m 02.89± 0.61s
20.294 N ± 7.9km 122.313 E ± 8.9km
DEPTH = 33.0km (normol)
4.6mb (5 obs.)
PHILIPPINE ISLANDS REGION (248)

PIP	2.53	220	iPc	51 43.00	0.5
SZP	3.25	213	iPd	51 57.00	4.3X
			iS	52 39.00	
HKC	7.85	286	eP	52 58.00	0.3
GZH	8.79	290	eP	53 09.00	-1.7
QIZ	11.82	266	eP	53 51.60	-0.6
GYA	15.62	296	eP	54 44.60	2.2
XAN	18.12	322	P	55 14.60	0.8
TIY	19.37	336	eP	55 28.30	-0.5
CD2	19.76	306	P	55 33.40	0.2
BJI	20.37	346	eP	55 37.00	-2.4
SNY	21.49	3	eP	55 52.20	1.4
LZH	22.58	318	eP	56 03.50	1.6
BTO	22.80	335	eP	56 05.00	1.0
CN2	23.59	6	eP	56 11.60	0.2
			S	00 23.00	
WRA	41.69	163	P	58 51.00	0.7
	0.9s	2.50nm		3.9mb	
WB2	41.69	163	eP	58 49.70	-0 6
KEV	72.96	339	iP	02 29 80	-0.8
	0 5s	8 40nm		5.0mb	
SOD	73.62	336	iP	02 34 00	-0 5
SUF	74 96	332	iP	02 41.30	0 9
	0.4s	4.00nm		4.8mb	
NUR	76.25	330	eP	02 49.00	-0.6
UPP	79.77	330	iP	03 08.20	-0.7
HFS	81.46	331	eP	03 16.40	-1.5
	0.7s	2.90nm		4.4mb	
NB2	82.14	333	P	03 17.00	-4.5X
	0.8s	4.00nm		4.5mb	
YKA	86.13	23	eP	03 42.70	1.1
YKC	86.19	23	eP	03 43.00	1.1

S.D. = 1.2 on 23 of 25 obs.

* JUN 13, 1985 14h 57m 44.20± 0.60s
36.627 N ±10.1km 76.961 E ± 9.9km
DEPTH = 33.0km (normol)
5.0mb (7 obs.)
KASHMIR-XINJIANG BORDER REGION (324)

KSH	2.93	345	Pg	58 39.00	9.4X
			Sg	59 17.00	
NDI	7.92	178	iPn	59 42.30	2.3
	0.6s	33.33nm		5.6mb	
			iSn	01 02.00	
QUE	10.54	235	eP	00 17.20	0.9
			eS	02 09.80	
WMQ	10.90	45	iPnd	00 22.60	1.6
GTA	18.21	74	P	01 53.60	-2.6
HYB	19.19	175	eP	02 06.50	-1.5
LZH	21.64	83	eP	02 34.50	0.7
CD2	22.96	97	eP	02 49.10	2.4
MLR	38.90	299	iPc	05 06.50	-2.0
UPP	43.96	321	iP	05 50.60	1.2
HFS	45.94	322	iP	06 05.80	0.5
	0.5s	7.40nm		4.9mb	
KHC	46.79	306	iPc	06 13.50	1.2
NB2	47.18	323	P	06 12.10	-3.1X
	0.6s	5.40nm		4.7mb	
BNG	62.24	254	iPc	08 03.80	-1.6
	0.4s	10.00nm		5.3mb	
MBC	66.92	4	ePd	08 34.80	0.0
	0.5s	15.00nm		5.3mb	
WRA	78.08	126	Pc	09 40.20	-1.3
	0.6s	2.10nm		4.3mb	
WB2	78.09	126	eP	09 40.10	-1.4
YKA	80.78	5	eP	09 55.40	0.0
YKC	80.81	5	eP	09 55.00	-0.5
	0.5s	4.00nm		4.7mb	

S.D. = 1.6 on 17 of 19 obs.

JUN 13, 1985 14h 59m 57.48± 0.87s
44.550 N ± 5.9km 6.940 E ± 9.7km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.9 (LDG).

FOUF	0.11	260	P	59 59.70	-0.7
LPG	0.96	352	Pg	00 16.20	0.3
			Sg	00 29.20	
FRF	1.01	192	Pg	00 16.20	-0.4
			Sg	00 28.50	
LRG	1.17	201	Pg	00 20.10	0.8
			Sg	00 35.50	
CDR	1.22	224	ePd	00 20.30	0.2
			i	00 21.10	
			e	00 35.30	
			e	00 36.30	
LMR	1.25	195	Pg	00 21.00	0.2
			Sg	00 36.90	
CVF	2.43	144	Pn	00 37.50	-0.3
			Sn	01 06.30	

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

* JUN 13, 1985 15h 29m 06.85± 1.54s
6.871 S ±11.7km 147.242 E ±19.0km
DEPTH = 10.0km (geophysicist)
3.5mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.32	312	iPc	29 12.60	-1.0
MDG	2.17	318	eP	29 44.50	1.0
LMG	2.22	156	eP	29 44.00	-0.3
PMG	2.52	182	iPc	29 52.00	3.5X
WB2	18.04	223	eP	33 19.50	0.1
WRA	18.05	223	Pc	33 19.70	0.2
	1.0s	3.70nm		3.5mb	

S.D. = 1.0 on 5 of 6 obs

* JUN 13, 1985 15h 58m 21.88± 1.20s

36.896 N ±14.8km 77.166 E ±13.4km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
KASHMIR-XINJIANG BORDER REGION (324)

NDI	8 19 180	ePn	00 23.00	1.6	
		iSn	01 41.00		
QUE	10.83 235	eP	00 57.00	-0.9	
		eS	02 50.50		
KKN	11.37 141	eP	01 04.80	-0.5	
	0.5s 13.00nm			5.4mb X	
PKI	11.62 141	eP	01 08.20	-0.5	
	0.6s 9.00nm			5.1mb X	
NB2	47.06 323	P	06 52.60	0.7	
	0.5s 0.70nm			3.9mb	
BNG	62.48 254	iPc	08 44.20	-0.4	
	0.6s 6.00nm			4.9mb	
	S.D. = 1.2 on 6 of 6 obs.				

• JUN 13, 1985 16h 01m 09.72± 0.76s
9.811 S ± 7.9km 159.975 E ±13.4km
DEPTH = 33.0km (normal)
4.9mb (6 obs.)
SOLOMON ISLANDS (193)
Felt at Honiara.

HNR	0.38 356	iPc	01 17.90	-0.6	
		iS	01 23.00		
PAA	5.65 308	eP	02 36.00	2.4	
		eS	03 50.00		
BGA	5.98 307	e(P)	02 43.00	4.6X	
PMG	12.65 271	e(P)	04 13.00	2.8	
CTA	16.72 231	iPd	05 07.40	4.2X	
	1.7s 192.31nm			5.0mb	
		eS	08 40.00		
RMO	19.70 211	eP	05 40.00	0.7	
JAY	20.47 289	ePc	05 45.50	-2.0	
CMS	25.25 209	eP	06 34.00	-0.5	
YOU	26.57 202	eP	06 47.30	0.6	
WB2	26.70 245	iPc	06 47.50	-0.5	
WRA	26.71 245	Pc	06 45.90	-2.2	
	0.7s 13.70nm			4.7mb	
CAN	27.30 200	eP	06 54.30	0.9	
ASPA	28.45 238	eP	07 02.00	-1.9	
		eS	13 08.00		
WBN	35.53 238	eP	08 05.00	-0.9	
MEK	42.53 241	eP	09 04.00	-0.1	
PPI	59.97 275	eP	11 14.90	-0.9	
CN2	61.89 332	P	11 28.00	-0.3	
XAN	65.16 315	eP	11 48.70	-1.3	
CD2	67.39 309	P	12 04.40	0.1	
SBA	68.11 178	e(P)	12 08.50	0.5	
SPA	80.25 180	e(P)	13 20.00	1.4	
PKI	81.09 300	eP	13 24.00	0.0	
	0 6s 9.00nm			4.9mb	
KKN	81.26 300	eP	13 25.00	0.3	
	0.6s 10.00nm			5.0mb	
DMN	81.36 300	eP	13 26.00	0.7	
	0.8s 23.00nm			5.2mb	
GBA	85 13 285	Pc	13 45.00	0.7	
	0.9s 6.40nm			4.8mb	
YKA	96 51 28	eP	14 37.00	0.2	
SOB1	151.92 132	ePKP	21 04.30	7.1X	
	S.D. = 1.3 on 24 of 27 obs.				

• JUN 13, 1985 17h 27m 06.91± 0.92s
30.937 S ±12.3km 178.143 W ±16.0km
DEPTH = 33.0km (normal)
4.7mb (1 obs.)
KERMADEC ISLANDS (178)

MNG	10.96 206	eP	29 45.00	0.6	
		S	31 30.00		
CTA	33.77 280	iPc	33 49.00	1.2	
	0.6s 6.00nm			4.7mb	
ASPA	42.96 268	eP	35 04.00	-0.7	
WB2	43.98 273	eP	35 12.80	-0.2	
WRA	43.99 273	Pd	35 12.40	-0.7	
SBA	47.49 184	e(P)	35 39.80	-0.4	
SPA	59.23 180	e(P)	37 07.00	-0.2	
SUF	144.58 341	iPKP	46 37.40	-3.4X	
	0.5s 7.20nm				
NUR	146.77 340	iPKP	46 45.00	0.4	
	0.6s 7.80nm				
NB2	149.26 351	PKP	46 48.70	0.1	
	0.7s 2.10nm				
BNG	149.31 214	ePKPd	46 53.20	3.1X	
	0.3s 3.00nm				
SLL	149.48 349	(PKP)	46 56.20	7.3X	
	0.3s 3.90nm				
	S.D. = 0.7 on 9 of 12 obs.				

JUN 13, 1985 19h 36m 35.42± 0.22s
33.085 N ± 3.5km 137.666 E ± 2.8km
DEPTH = 349.6 ± 2.1 km
4.9mb (32 obs.)
NEAR S. COAST OF HONSHU, JAPAN (230)
Felt (I JMA) at Utsunomiya.

HMM	1.62 2	eP	37 26.00	1.5	
		iS	38 05.30		
HJJ	1.78 89	Pd	37 25.00	-0.5	
		S	38 02.30		
TSU	1.87 330	P	37 28.10	2.0	
		S	38 09.10		
SHZ	1.98 18	iPd	37 28.10	1.2	
		iS	38 08.90		
NAG	2.15 345	eP	37 29.00	0.9	
		S	38 12.40		
OSH	2.20 40	Pd	37 28.10	-0.3	
		S	38 08.60		
MIS	2.28 27	iPd	37 29.40	0.4	
		iS	38 10.90		
AJI	2.29 31	iPd	37 29.20	0.1	
		iS	38 10.10		
OSA	2.39 312	Pc	37 32.20	2.3	
		iS	38 15.90		
IID	2.42 3	eP	37 28.00	-2.2	
		iS	38 14.80		
HIK	2.48 332	eP	37 32.00	1.4	
		S	38 16.90		
KOB	2.61 308	eP	37 34.00	2.3	
		eS	38 19.00		
TAT	2.63 43	eP	37 31.00	-0.9	
		iS	38 13.30		
OYM	2.67 29	iPd	37 31.70	-0.6	
KOF	2.68 16	eP	37 33.00	0.7	
		eS	38 16.00		
SRY	2.85 27	iPd	37 32.90	-0.9	
YOK	2.87 35	iPd	37 33.30	-0.6	
		iS	38 17.60		
KYS	2.95 44	iPd	37 36.10	1.5	
TOK	3.12 33	iP	37 35.60	-0.6	
		iS	38 20.50		
DDR	3.17 23	iPd	37 36.10	-0.7	
		S	38 22.80		
MAT	3.48 7	iPd	37 39.70	0.1	
		iS	38 29.20		
NGN	3.59 7	eP	37 41.00	0.2	
		S	38 32.70		
TSK	3.71 32	iPd	37 39.20	-2.7	
CHO	3.72 44	eP	37 41.00	-1.0	
		iS	38 30 40		
UTS	3.90 27	eP	37 42.00	-1.8	
		iS	38 31.80		
MIT	4.02 34	eP	37 42.00	-3.0X	
		S	38 35.50		
SHK	4.40 291	iPc	37 51 00	2.0	
		eS	38 50.70		
OIT	5.07 273	eP	38 02.00	5.7X	
		S	39 07.00		
FKS	5.19 25	eP	37 56.00	-1.6	
		S	38 57.50		
MDJ	13.11 334	eP	39 30.00	-1.5	
		sP	40 54.00		
		S	41 51.00		
		ScP	47 30.00		
		ScS	51 09.00		
SSE	14.11 266	P-	39 41.00	-1.9	
		sP	39 51.00		
		ePP	39 52.00		
		eS	42 12.00		
		sS	42 22.00		
SNY	14.18 312	iPd	39 43.00	-0.6	
		sP	41 18 00		
		S	42 14.50		
DL2	14.22 299	eP	39 43.00	-1.0	
		S	42 11.00		
CN2	14.34 322	iPd	39 44.00	-1.3	
		sP	41 07.00		
		S	42 18 00		
		ScS	51 08.00		
NJ2	15.90 271	Pc	40 01.00	-1.0	
TIA	17.19 286	iPd	40 15.50	0.1	
		S	43 17.00		
		ScP	47 48.50		
BJI	18.58 298	iPd	40 29.50	0 1	
		S	43 45.00		
		ScP	47 43 00		
		ScS	51 23.50		
WHN	19.97 269	iPd	40 44.00	0 9	
GUMO	20.49 160	e(P)	40 48.80	0 6	
PJG	20.49 160	e(P)	40 48 50	0 3	
GUA	20.55 160	e(P)	40 49 20	0.4	
	0.8s 77.61nm			5.1mb	
TIY	21.06 290	Pd	40 54.00	0.3	
HHC	22.19 298	iPd	41 04.80	0.2	
		S	44 47.00		
BAG	22.67 227	eP	41 07.00	-2.3	
BTO	23.30 297	iPd	41 15.40	0.5	
QCP	23.76 223	eP	41 35.00	15.9X	
XAN	23.94 280	iPd	41 20.60	-0.2	
		pP	42 22.00		
		PcS	48 24.00		
GYA	27.64 264	P	41 53.20	-1.0	
LZH	27.93 286	eP	41 56.00	-0.7	
	2.0s 1402.00nm			5.9mb X	
		ScS	55 02.00		
QIZ	28.54 248	eP	42 03.30	1.3	
CD2	28.77 275	iPd	42 03.90	-0.1	
GTA	31.01 293	iPc	42 23.60	0.0	
		pP	43 44.50	452kmX	
		ScP	48 19.00		
		SS	49 16.20		
		ScS	52 14.20		
KMI	31.42 265	Pc	42 27.00	-0.4	
LOE	35.85 253	eP	43 03.00	-1.7	
CHG	37.38 257	iPd	43 17.80	0.4	
	0.7s 27.40nm			4.7mb	
ADK	37.80 46	eP	43 20.00	-0.5	
NST	38.08 252	eP	43 23.00	-0.1	
LSA	39.60 278	eP	43 36.00	-0.1	
WMO	40.03 300	iPd	43 39.70	0.7	
IPM	44.39 238	iPd	44 14.30	0.1	
	0.6s 114.00nm			5.3mb	
		e	44 20.00		
KGM	44.63 233	ePd	44 16.00	0.0	
PKI	45.06 277	iPd	44 20.20	0.4	
KKN	45.10 278	iPd	44 20.40	0.4	
DMN	45.30 278	iPd	44 22.20	0.5	
PPI	48.41 234	e(P)	44 46.50	1.2	
TTA	50.41 33	eP	45 00.00	0.0	
BRW	51.23 22	P	45 06.50	0.6	
NDI	51.45 282	iPd	45 07.80	-0.2	
IMA	51.63 29	eP	45 09.40	0.3	
KDC	52 14 40	P	45 11.50	-1 2	
WB2	52.82 184	eP	45 16.70	-1.4	
		i	45 52.70		
WRA	52.82 184	Pd	45 16 50	-1 6	
	0.4s 9.90nm			4 5mb	
PMR	53.62 35	eP	45 22.50	-0 9	
	1.0s 24.00nm			4 5mb	
FBA	54.07 31	eP	45 26.40	-0.2	
HYB	55.03 269	ePd	45 34.00	-0.3	
	0.8s 57.10nm			5.1mb	
ASPA	56.55 184	eP	45 44.00	-0.6	
	0.5s 16.00nm			4.7mb	
MBL	56.56 200	iPd	45 43.50	-1.2	
	0.4s 6.00nm			4.4mb	
GBA	57.84 266	Pd	45 53.30	-0.5	
	0.7s 34.80nm			4.9mb	
POO	58.46 273	iPd	45 57.50	-0.6	
KOU	59.09 151	iPc	46 01.80	-0.3	
QUE	59.21 288	iPd	46 02.80	-0.4	
NAU	59.22 204	iPd	46 02.20	-0.8	
INK	59.29 26	iPc	46 02.20	-0.8	
	0.4s 15.00nm			4.8mb	
KOD	59.56 262	eP	46 05.00	-0.9	
WBN	59.83 192	eP	46 07.00	-0.1	
MBC	61.16 15	iPc	46 15.40	0.0	
	0.8s 40.00nm			5.0mb	
SIT	61.38 38	eP	46 18.80	1 8	
NOU	61.55 150	iPc	46 18.50	0 0	
MEK	62.09 199	eP	46 21.60	-1.1	
MHI	62.66 297	iPd	46 26.30	0 4	
KLG	65.35 195	eP	46 42.00	-0.9	
KEV	66.03 339	iP	46 47.20	0.3	
	0.8s 14.70nm			4.8mb	
BAL	66.38 200	eP	46 52.00	2.6	
KLB	67.02 198	iPc	46 48.50	-4.9X	
SOD	67.40 337	iP	46 55.40	0.0	

13d 19h

YOU	67 76 170 iPc	46 58.10	0.2	MSU	83.69 48 P	48 28.00 1.0
	e	47 31 30		PLM	83.69 54 eP	48 26.00 -1.0
MUN	67 81 200 eP	46 59.00	0.8	TPC	83.81 53 eP	48 27.00 -0.4
WAM	68 42 198 iPc	47 01.40	-0.6	BAR	84.21 55 eP	48 29.00 -0.5
YKA	68 75 28 eP	47 03 80	0 1	KHC	84.23 327 P	48 29.90 0.7
PSNT	68.76 28 P	47 03.20	-0.5		e	49 56.40
YKC	68.81 28 ePc	47 03.80	-0.2	RSSD	84.82 40 eP	48 30.70 -1.8
	0 9s 43 00nm	5 2mb			0.8s 15.49nm	4.9mb
CAN	68.87 170 iPc	47 04.80	0 1	VAY	84.89 317 eP	48 33.30 0.7
	e	47 40 10		RSON	84.95 30 eP	48 34 00 1.3
DAG	69.42 354 iPd	47 07 00	-0.6		0.8s 6.34nm	4.5mb
	0.8s 8.21nm	4.5mb		GLA	85.25 53 eP	48 35.00 0.4
RKG	69.56 198 eP	47 12 00	3.1X	GOL	87.02 44 eP	48 44.50 1.2
WAM	69.71 170 iPc	47 10.00	0.3		0.7s 34.67nm	5.4mb
SUF	70.11 333 iP	47 11 50	-0.4	GLD	87.07 43 eP	48 45.10 1.6
	0.5s 5.50nm	4.5mb			1.0s 32.00nm	5.2mb
SHI	70.78 293 eP	47 16.00	-0.6	LHC	88.67 29 eP	48 50.50 -0.1
PGC	71.30 44 ePc	47 19.60	0.5	ALQ	89.50 48 eP	48 55.50 0.5
TAB	71.45 304 eP	47 21.00	0.5		1.0s 11.50nm	4.8mb
NUR	71.96 331 eP	47 21.00	-1.8	LTX	94.98 50 P	49 21.00 0.8
GMW	72.22 45 P	47 25.50	0.9	JCT	96.64 47 eP	49 27.10 -0.4
PNT	73.15 42 iPc	47 29.80	-0.2		1.0s 5.50nm	4.7mb
	1.0s 60.00nm	5.3mb		SPA	122.91 180 e(PKP)	54 51.50 0.6
EDM	74 34 36 iPc	47 36.80	0.0	ZOBO	151.32 61 PKPc	55 43.50 -0.4
	1.0s 129.00nm	5.6mb			1.0s 37.50nm	
FRC	74 86 51 ePc	47 41.20	1.3	LPB	151.51 61 iPKP	55 50.00 6.0X
NEW	75 11 42 iPc	47 41.20	0.0	TPZ	153.92 70 ePKP	55 52.00 4.8X
	0.9s 24.80nm	4.9mb			i	56 21.50
UPP	75 11 333 iP	47 40.50	-0.3	YJA	156.82 68 ePKPc	55 53.00 1.9
WDC	75.92 51 iPc	47 46.20	0.5		S.D. = 1.0 on 170 of 177 obs.	
	ePP	50 38.00				
HFS	76 38 335 eP	47 47.00	-0.8	?	JUN 13, 1985 19h 47m 08.38± 4.18s	
	0.3s 2.00nm	4.4mb			24.543 N ± 9.1km 122.064 E ±35.5km	
NB2	76.60 336 P	47 46.40	-2.7		DEPTH = 10.0km (geophysicist)	
	0 4s 1.80nm	4.2mb			TAIWAN REGION	(243)
ORV	77 14 51 iPc	47 52.50	0.0			
BRV	77 53 53 eP	47 54.80	0.2	TWC	0.21 289 iPd	47 12.90 0.0
BKS	77 55 53 ePc	47 55.40	0.7	TWD	0.63 223 ePc	47 21.00 0.0
	0.8s 88 00nm	5.6mb		TATO	0.68 310 eP	47 21.80 0.0
PCC	77 65 53 ePc	47 55.10	-0.1		eS	47 31.50
GCC	78 16 54 ePc	47 58.20	0.2	TWZ	0.71 321 iPc	47 21.40 -0.9
MHC	78 23 53 ePc	47 58.80	0.2	ANP	0.81 322 eP	47 25.00 0.9
FFC	78 67 31 eP	48 00.00	-0.4		S.D. = 0.9 on 5 of 5 obs.	
	1 1s 26.00nm	5.0mb				
SAO	78 67 54 eP	48 01.00	0.2		JUN 13, 1985 20h 05m 29.67± 0.65s	
JAS1	78.73 52 iPc	48 01.40	0.3		22.788 N ± 5.1km 121.472 E ± 5.7km	
	e	48 33.80			DEPTH = 14.4 ± 3.7 km	
	ePP	51 03.00			4.5mb (5 obs.)	
KRP	78.96 150 P	48 03.00	1.0		TAIWAN REGION	(243)
PRS	78.96 54 ePc	48 02.80	0.4			
LLA	79 09 53 ePc	48 03.50	0.4	TWG	0.37 275 iPd	05 38.10 0.6
LRM	79.12 42 iPc	48 04.00	0.6	TWF1	0.58 344 iPd	05 40.00 -1.1
BMN	79.40 49 eP	48 05.70	0.9	TWK	1.02 298 iPd	05 48.00 -0.7
	1.0s 25.50nm	5.0mb		TWD	1.29 5 iPc	05 52.00 -1.1
PRI	79.54 54 ePc	48 06.20	0.6	TWC	1.85 11 iP	06 01.00 -0.1
	ePcP	48 13.50			eS	06 23.50
FRI	79.71 53 ePc	48 06.50	0.2	TATO	2.18 0 eP	06 06.00 0.1
	epP	51 12.00		TWZ	2.30 2 iPd	06 07.00 -0.7
MNA	79.93 51 iPc	48 08.40	0.8	ANP	2.39 1 eP	06 11.00 2.1
MLR	80.35 318 eP	48 10 00	0.3	QZH	3.40 310 Pnd	06 21.20 -2.0
KRA	80.58 325 eP	48 11.30	0.7		Sn	06 57.20
	e	48 17.50		HKC	6.77 267 eP	07 09.80 -1.1
SPC	81.01 324 eP	48 14.10	1.1		eS	08 24.20
MNG	81.23 152 P	48 13.00	-0.9	GZH	7.50 274 Pc	07 22.50 1.3
ISA	81.28 53 eP	48 13.00	-1.6	SSE	8.28 358 eP	07 32.00 0.0
KSP	81.78 327 iPd	48 17.00	0.2		Lg	09 55.50
CLC	81.78 53 eP	48 17.00	-0.2	NJ2	9.52 346 eP	07 50.00 0.9
MSZ	82.14 159 P	48 20.00	1.5	WHN	10.01 322 iPc	07 52.80 -3.1X
SBB	82.27 54 eP	48 20.00	0.3		eS	09 38.40
DUG	82.28 47 P	48 20.50	0.7	QIZ	11.49 253 eP	08 16.40 0.1
PAS	82 34 54 eP	48 19.00	-1.0	TIA	13.90 345 eP	08 53.60 5.2X
MWC	82 38 54 eP	48 20.00	-0.4	GYA	13.95 288 eP	08 49.40 0.1
JER	82.51 303 ePd	48 20.50	-0.5	XAN	15.72 318 eP	09 13.20 1.0
GSC	82 61 53 eP	48 21.00	-0.4	CD2	17.74 301 P	09 40.50 2.6X
BDW	82 62 43 P	48 21.80	0.2	BJI	17.78 347 eP	09 39.50 1.4
	0 9s 21.37nm	5 0mb		MAT	19.94 43 (P)	10 04.00 0.0
	pP	48 39.00	62kmX	BTO	20.22 334 eP	10 06.50 -0.5
GV.	82 80 303 iP	48 22 50	0.2	LZH	20.24 315 eP	10 09.00 1.7
BRG	82.82 328 iP	48 23.00	1.0	CHG	21.42 264 eP	10 23.00 3.6X
	1 9s 39.00nm	4.9mb		GTA	24.77 317 P	10 53.40 1.1
CLL	82 92 329 iPd	48 22.90	0.3	WRA	44.29 163 Pd	13 40.00 -0.8
	1.3s 30 00nm	5.0mb			0.5s 1.20nm	4.0mb
	e	48 54.00		W82	44.29 163 eP	13 40.20 -0.6
	i	49 55.10		NAU	45.43 188 iPd	13 50.60 0.8
PRU	83.18 327 P	48 25.40	1.5	WBN	48.89 174 eP	14 17.00 0.0
ZST	83.22 325 e(P)	48 25.20	1.1		0.4s 8.00nm	5.1mb
PRNI	83.46 302 iP	48 25.50	-0.2	MEK	49.19 183 iPd	14 18.80 -0.5

KLG	53.26 180 eP	14 49.00	-1.0			
YOU	62.25 155 eP	15 54.10	0.8			
CAN	63.41 155 eP	16 01.70	0.7			
WAM	64.13 156 eP	16 06.60	1.0			
KEV	70.37 338 eP	16 47.00	2.5X			
SOD	71.04 336 eP	16 45.00	-3.7X			
SUF	72.40 331 iP	16 55.00	-1.9			
	0.3s 0.90nm	4.3mb				
MBC	74.56 13 eP	17 08.00	-1.2			
HFS	78.91 331 eP	17 32.00	-1.8			
	0.3s 2.30nm	4.7mb				
NB2	79.58 332 P	17 32.20	-5.3X			
	0.9s 5.80nm	4.6mb				
YKA	84.15 23 eP	18 02.50	1.3			
	S.D. = 1.1 on 34 of 41 obs.					
?	JUN 13, 1985 20h 44m 34.43± 1.80s					
	37.805 N ±19.2km 21.898 E ± 9.6km					
	DEPTH = 10.0km (geophysicist)					
	SOUTHERN GREECE		(368)			
	ML 3.1 (ATH).					
VLS	1.10 290 ePb	44 55.00	-0.1			
ATH	1.45 83 ePn	45 00.70	0.0			
	eSb	45 20.00				
KZN	2.50 358 ePn	45 16.50	0.7			
OHR	3.41 346 ePn	45 34.50	5.7X			
VAY	3.55 8 ePn	45 30.00	-0.7			
MMB	4.03 20 eP	45 33.00	-4.6X			
	S.D. = 0.9 on 4 of 6 obs.					
*	JUN 13, 1985 20h 50m 15.61± 1.63s					
	23.160 N ± 8.7km 121.408 E ±14.4km					
	DEPTH = 10.0km (geophysicist)					
	TAIWAN		(244)			
TWF1	0.22 332 iPd	50 20.80	0.5			
TWG	0.46 223 iPd	50 25.00	0.1			
	eS	50 32.00				
TWK	0.85 277 iPd	50 32.00	-0.1			
	eS	50 44.50				
TWD	1.23 335 iPd	50 38.00	-0.5			
TWC	1.50 16 eP	50 42.50	0.0			
TATO	1.81 2 e(P)	50 52.00	5.0X			
	S.D. = 0.5 on 5 of 6 obs.					
	JUN 13, 1985 20h 54m 49.84± 1.28s					
	9.478 S ± 8.1km 113.742 E ±11.4km					
	DEPTH = 98.2 ± 13.1 km					
	5.1mb (8 obs.)					
	SOUTH OF JAVA		(282)			
TRT	2.08 328 iPd	55 24.50	0.7			
	iS	55 48.50				
MBL	13.01 154 eP	57 45.00	-7.2X			
	0.4s 33.00nm	5.3mb				
	eS	59 55.00				
NAU	13.10 173 eP	57 48.00	-5.3X			
	eS	00 00.00				
KNA	15.93 115 eP	58 29.00	-0.6			
	eS	01 21.00				
MEK	17.64 166 eP	58 49.00	-1.8			
	0.3s 33.00nm	5.0mb				
	eS	01 40.00				
IPM	18.86 317 ePc	59 05.70	0.6			
MRWA	19.75 174 eP	59 14.00	-0.5			
	eS	02 57.00				
WBN	20.56 145 iPc	59 23.00	0.2			
	eS	03 00.00				
KLB	22.32 171 eP	59 32.00	-8.2X			
	eS	03 13.00				
KLG	22.38 162 eP	59 40.00	-0.9			
	eS	03 37.00				
WRA	22.45 120 Pc	59 41.80	0.2			
WB2	22.46 120 eP	59 41.20	-0.5			
	eS	03 46.00				
MUN	22.51 175 eP	59 52.00	10 0X			
ASPA	23.88 129 eP	59 56.00	0.5			
	eS	04 24.00				
QIZ	28.59 352 eP	00 40.60	1.8			
CHG	31.68 333 iPd	01 06.60	0.4			
	1.1s 20.89nm	4.8mb				
GYA	36.38 349 P	01 47.80	1.3			
YOU	40.20 133 eP	02 20.00	1.7			
CAN	41.16 134 eP	02 27.60	1.5			
CD2	41.28 347 iPc	02 28.30	1.1			
WAM	41.52 135 eP	02 31.30	2.3			

GBA	42.71	302	Pc	02 38.50	-0.5
	0.5s		5.70nm		4.7mb
XAN	43.52	354	Pc	02 44.80	-0.5
HYB	43.86	307	eP	02 47.50	-0.8
TIA	45.55	4	P	03 01.00	-0.5
PKI	45.93	324	iPc	03 04.60	-0.4
	0.6s		13.00nm		4.9mb
DMN	46 14	324	iPc	03 06.50	-0.1
	0 6s		49 00nm		5.5mb
KKN	46.17	324	iPc	03 06.60	-0.2
	0 6s		18.00nm		5.1mb
LZH	46.27	349	Pc	03 08.50	1.1
	1.0s		61.00nm		5.4mb
BJI	49.32	2	eP	03 30.00	-0.8
GTA	50.33	346	iPd	03 40.20	1.5
MAT	51.23	25	iPc	03 42.90	-2.6
SNY	51.85	9	iPd	03 48.70	-1.3
CN2	54.08	10	eP	04 04.40	-2.1
MDJ	55.72	14	eP	04 17.00	-1.3
MHI	68.33	315	eP	05 42.00	-0.9
YKA	116.70	23	ePKP	13 25.50	1.7
YKC	116.76	23	ePKP	13 25.00	1.1
SOB1	148.66	234	ePKP	14 35.00	10.8X
			e	14 54.90	
TPZ	149.16	176	(PKP)	14 37.00	11.8X
ZOBO	154.35	176	(PKP)	14 31.80	-1.3
			LR	32 18.00	
	S.D. = 1.3		on 35 of 41 obs.		

? JUN 13, 1985 21h 13m 19.31± 3.64s
33.872 N ±48.7km 72.100 E ±10.9km
DEPTH = 33.0km (normal)
PAKISTAN (710)

QUE	5.71	231	eP	14 44.20	0.0
NDI	6.78	138	ePn	14 59.00	0.0
			eSn	16 19.00	
DMN	12.81	116	eP	16 22.70	0.7
	0.4s		5.00nm		5.0mb X
KKN	12.84	115	eP	16 22.50	0.1
	0 5s		8.00nm		5.1mb X
PKI	13.05	115	eP	16 24.60	-0.8
	0.5s		7.00nm		5.0mb X
	S.D = 0.7		on 5 of 5 obs.		

? JUN 13, 1985 21h 18m 16.16± 4.03s
37.126 N ±39.4km 14.876 E ± 9.2km
DEPTH = 10.0km (geophysicist)
3.9mb (2 obs.)
SICILY (398)

CHR	6 09	47	ePn	19 50.10	1.7
SKO	7 01	44	ePn	20 02.50	1.2
			eSn	21 20.20	
CVF	7.13	321	eP	20 05.70	2.6X
VAY	7.29	53	iPn	20 02.50	-2.8
LMR	8.91	317	eP	20 26.80	-1.0
FRF	8.98	318	eP	20 27.10	-1.7
LRG	9 07	317	eP	20 29.50	-0.5
	0 9s		40.60nm		5.8mb X
CDR	9.54	316	ePc	20 36.50	0.0
KBA	10.01	354	eP	20 42.00	-1.2
			i	21 29.20	
LPG	10.35	326	eP	20 53.50	5.5X
	1.3s		38.10nm		5.7mb X
MLR	11 78	41	eP	21 08.00	0.6
KHC	12 04	356	P	21 08.30	-2.3
BSF	12.24	333	eP	21 16.70	3.2X
	1.1s		18.00nm		5.2mb X
HAU	12.55	333	eP	21 20.40	2.9X
CDF	12.58	336	eP	21 19.00	1.1
SPC	12.67	16	eP	21 20.30	1.0
GRF	12.84	349	eP	21 21.00	-0.3
PRU	12.86	359	eP	21 21.00	-0.6
AVF	12.90	322	eP	21 24.40	2.2
	1.5s		18.40nm		5.1mb X
BGF	12.99	320	eP	21 25.90	2.5
	1.2s		9.70nm		4.9mb X
MOX	13.72	351	e(P)	21 41.00	8.1X
KSP	13.75	4	eP	21 35.50	2.1
BRG	13.76	358	e(P)	21 33.00	-0.5
CLL	14.24	355	e(P)	21 55.00	15.2X
HFS	23.04	358	eP	23 20.70	-1.5
	0.8s		4.80nm		4.1mb
NB2	24.05	356	P	23 27.80	-4.2X
	0.8s		1.70nm		3.7mb
NUR	24.22	12	eP	23 36.00	2.4X

SUF	26.55	12	eP	24 00.00	4.4X
BCAO	32.71	173	e(P)	25 08.00	17.0X
	S.D. = 1.7		on 19 of 29 obs.		

? JUN 13, 1985 21h 39m 20.03± 9.79s
59.309 N ±55.0km 6.876 E ±67.6km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2 1 (BER).

ODD	0.65	351	iPg	39 32.10	-1 0
			eSg	39 41 30	
KMY	0.84	264	iPn	39 36.00	-0.3
			eSn	39 50.60	
ASK	1.45	325	ePn	39 46.30	0 1
			eSn	40 05.60	
HYA	1.89	350	iPn	39 53.00	0.3
			iSn	40 18.30	
SUE	2.05	330	ePn	39 55 70	0 8
			iSn	40 20.40	
	S.D. = 1 0		on 5 of 5 obs.		

• JUN 13, 1985 22h 18m 25.27± 1.93s
33.271 S ±12.4km 72.939 W ±16.4km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.45	119	iPd	18 49.20	-0.1
			iS	19 07.50	
ROCH	1.65	80	iPc	18 51.60	-0.9
			iS	19 09.80	
TACH	1.72	103	iPd	18 53.00	-0.3
			iS	19 14.50	
PEL	1.89	87	iPc	18 56.30	0.4
			iS	19 19.90	
SAN	1.91	96	iPc	18 56.20	0.0
			iS	19 20.00	
CHCH	2.02	110	iPc	18 57.60	-0 1
BACH	2.05	93	iPc	18 58.40	0.2
FCH	2.22	92	iPc	19 01 00	0.2
			iS	19 28.50	
MDZ	3.45	85	eP	19 23.50	5.4X
RTCB	3.93	64	eP	19 25.50	0.6
			S	20 11.80	
RTCV	3.97	70	eP	19 27.00	1.5
			S	20 15.00	
RFA	4.00	113	eP	19 27.00	1.1
RTLL	4.25	64	ePd	19 29.80	0.4
			S	20 19.00	
CFA	4.31	69	ePd	19 30.20	0.0
TCA	7.33	77	ePc	20 09.80	-2.9
			S	21 28.70	
SPA	56.91	180	e(P)	28 09.20	-0.1
	S.D. = 1.1		on 15 of 16 obs		

JUN 13, 1985 22h 30m 07.19± 0.63s
78.479 N ± 8.1km 6.723 E ± 8.0km
DEPTH = 10.0km (geophysicist)
4.5mb (9 obs.)
SVALBARD REGION (643)

KBS	1.12	64	iP+	30 27.40	-0.7
DAG	5.71	265	iPd	31 32.90	-1.0
	0.4s		27.97nm		5.3mb
			i	32 35.00	
KEV	10.28	137	eP	32 36.00	-1.5
			i	32 42.80	
ALE	11.34	321	eP	32 51.00	-0.9
	0.4s		3.00nm		5.0mb
SOD	12.47	142	iP	33 02.20	-5.0X
SUF	16.91	148	iP	34 02.10	-2.9
	0.7s		2.00nm		3.4mb X
NB2	17.58	173	P	34 13.00	-0.5
	0.8s		3.90nm		3.6mb
HFS	18.57	169	eP	34 26.00	0 4
	0.7s		5.50nm		3.9mb
NUR	18.93	152	eP	34 26.00	-4.0X
MBC	22.66	330	eP	35 14.50	5.4X
LOR	31.35	184	eP	36 30.00	0.5
SSF	31.56	184	eP	36 31.90	0.6
INK	31.59	333	eP	36 41.00	9.6X
LBF	31.63	184	eP	36 32.30	0.3
	0.8s		2.90nm		4.2mb
AVF	31.83	184	eP	36 34.40	0.7
	0.9s		7.80nm		4.6mb
TCF	32.35	186	eP	36 38.80	0.5
	0.8s		2.90nm		4.3mb

LSF	32.41	187	eP	36 39 40	0.7
	0.8s		3 70nm		4 4mb
MZF	32.42	185	eP	36 39 20	0 3
KKN	60.68	95	eP	40 21 50	0 7
	0.7s		20.00nm		5 4mb
DMN	60.82	95	eP	40 22 60	0 8
PKI	60.92	95	eP	40 24 50	1 0
	S.D. = 1.2		on 17 of 21 obs		

• JUN 13, 1985 23h 17m 54 97± 0 94s
42 090 N ±12.8km 142 065 E ±14 3km
DEPTH = 55.7 ± 13.5 km
4.5mb (14 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (I JMA) at Urakowo

URA	0 54	82	iPc	18 07.60	0 5
			iS	18 16.60	
OBI	1 19	45	eP	18 16 00	0 4
			S	18 31 50	
TSK	6.06	195	eP	19 22.40	-1.8
MAT	6.29	210	(P)	19 31.00	3.6X
DDR	6.48	201	eP	19 30.80	0.8
BJI	19.61	273	eP	22 20.00	-1.4
TIA	20.18	261	eP	22 26.60	-0.8
WMO	39.23	292	eP	25 21.10	1.7
CHG	43.22	251	eP	25 57.00	4.7X
KKN	47.86	272	eP	26 30.60	1.2
	0.6s		13.00nm		5.1mb
PKI	47.88	271	eP	26 30.80	1.0
	0.5s		6.00nm		4.8mb
DMN	48.09	272	eP	26 32.70	1.4
	0.5s		5.00nm		4 8mb
YKA	59.22	32	eP	27 51.00	-1 3
SOD	60.52	336	eP	28 02.00	0 8
SUF	63.72	332	iP	28 21.20	-1 3
	0.5s		2.50nm		4 5mb
NUR	65.75	331	eP	28 33 00	-2 6
HFS	69.70	335	eP	28 50 90	-1 5
	0.5s		4.10nm		4 6mb
NB2	69.73	337	P	28 56 00	-4 6
	0.6s		3 30nm		4 4mb
LOR	83.62	333	eP	30 18 10	-0 3
	0.8s		2.60nm		4.3mb
LBF	83.83	333	eP	30 19.00	-0 5
	0.8s		2.40nm		4.3mb
SSF	83.92	333	eP	30 19.70	-0.2
	0.8s		2.60nm		4.3mb
SMF	84.17	333	eP	30 21.20	0.0
	0.6s		2.10nm		4.4mb
AVF	84.21	333	eP	30 21 40	0.1
	0.6s		4.10nm		4 7mb
MZF	84.97	333	eP	30 25.60	0 4
	0.8s		3 70nm		4 5mb
LSF	85.29	334	eP	30 26.70	-0 1
	0 6s		2.50nm		4.5mb
CAF	86.28	333	eP	30 32.60	0 9
	0.8s		5.90nm		4 8mb
LFF	86.71	334	eP	30 33.90	0.1
LPO	86.79	333	eP	30 34.90	0 7
SOB1	147.15	5	ePKP	37 33 00	1 6
	S.D. = 1.2		on 26 of 29 obs		

JUN 14, 1985 00h 00m 43.84± 0 69s
37.464 N ± 6.0km 22.343 E ± 5.6km
DEPTH = 71.0 ± 7 6 km
4.1mb (4 obs)
SOUTHERN GREECE (368)

ATH	1.20	65	ePg	01 05.60	0 4
			eSg	01 20.50	
VLS	1.56	298	ePn	01 10.60	0 5
			eSg	01 33.50	
LIT	2.64	2	ePn	01 24.90	0.0
			eSn	01 56.70	
PAIG	2.67	23	ePn	01 25.30	-0 1
KZN	2.87	351	ePn	01 29.50	1 2
OUR	3.14	24	ePn	01 31.90	0.0
			eSn	02 07.30	
THE	3.20	9	ePn	01 32.20	-0 6
			eSn	02 09.70	
NPS	3.43	129	ePn	01 35.50	-0.6
			eSn	02 16.50	
SOH	3.44	13	ePn	01 36.70	0.5
GRG	3.49	1	ePn	01 36.50	-0 4
			eSb	02 20.70	
PRK	3.56	59	ePn	01 37.60	-0.3

14d 00h

KNT	3.72	6	ePn	01 40.60	0.6	
			eSn	02 22.50		
SRS	3.77	14	ePn	01 40.70	-0.1	
			eSn	02 23.30		
OHR	3 83	342	iPn	01 41.70	0.0	
VAY	3.86	3	iPn	01 42 30	0.4	
IZM	4 00	75	iPn	01 43.90	-0.2	
MMB	4 26	14	iPc	01 48 00	0 3	
[illegible]	4 56	351	ePn	01 50 50	-1 3	
			i	01 52 50		
			iSn	02 41.50		
TEP	4 75	92	ePn	01 55 40	0.8	
KBZ	4 78	28	iP	01 54.00	-0.9	
KOT	4 88	51	ePn	01 55.60	-0.8	
PLB	4 98	21	eP	01 58 00	0.3	
VTS	5 17	7	eP	02 00 00	-0.4	
DST	5 37	65	iPn	02 03 70	0.4	
PLL	6 07	20	iPd	02 13.00	0.0	
MLP	8 46	17	ePd	02 47 50	1.4	
VOI	10 63	326	eP	03 13.70	-1.9	
			eS	05 05.20		
KMC	13.28	334	P	03 59.50	8.8X	
PRL	13.72	338	eP	04 03.00	6.6X	
BPG	14.68	339	i(P)	04 14.10	5.2X	
CLL	15 35	337	iPd	04 21 80	4.4X	
	1.1s		14 00nm		4.1mb	
DCU	17 93	320	Pc	04 51.00	1.3	
HFS	23.35	349	eP	05 45.90	-0.4	
	0.5s		4.10nm		4 1mb	
NB2	24 62	347	P	05 54.20	-4.4X	
	0 5s		: 80nm		3.8mb	
EKA	24.85	324	P	06 01 00	0.3	
	0 9s		7.30nm		4.1mb	
EDU	25 51	327	eP	06 07 50	0 6	
E8H	25.54	326	eP	06 07 00	-0 3	
ELO	25.77	326	eP	06 08 90	-0.5	
	S.D. = 0 7		on	33 of 38 obs		

? JUN 14, 1985 01h 35m 06 62± 7.67s
31 282 S ±42 3km 68 658 W ±51.3km
DEPTH = 123 6 ± 58 5 km
SAN JUAN PROVINCE, ARGENTINA (137)

PTCL	0 17	106	iPd	35 24.00	-0.1	
			S	35 35 20		
PTCB	0 24	211	iPd	35 24.50	0.1	
			S	35 36 00		
CFA	0.48	132	ePd	35 25.30	0.1	
			S	35 37.10		
RTCV	0.59	170	iPd	35 25.70	-0.1	
			S	35 38.20		
TCA	3 48	92	iPd	36 00.20	0.0	
			S	36 38.50		
	S D = 0.3		on	5 of 5 obs		

? JUN 14, 1985 02h 00m 09.09± 6.16s
3.743 S ±61.7km 133.354 E ±38.9km
DEPTH = 33.0km (normal)
WEST IRIAN REGION (196)

KNA	12.76	200	eP	03 18.00	7.0X	
			eS	06 00.00		
WRA	16.13	177	Pd	03 55.70	0.6	
WB2	16.13	177	eP	03 55.30	0.2	
ASPA	19.81	179	eP	04 38.00	-2.0	
CTA	20.55	143	e(P)	04 48.00	0.4	
WBN	23.20	196	eP	05 15.00	0.9	
	S.D. = 1.6		on	5 of 6 obs.		

? JUN 14, 1985 02h 22m 20.80± 2.83s
3.778 S ±33.3km 135.927 E ±26.2km
DEPTH = 33.0km (normal)
3 8mb (1 obs.)
WEST IRIAN REGION (196)

[illegible]	4 93	75	ePc	23 34.30	-0.3	
MTN	12 19	207	eP	24 48.00	0.2	
			eS	26 36.00		
WB2	16 14	185	eP•	26 00.20	-6.8X	
			eS	28 46.10		
WRA	16 14	185	Pc	26 09 80	2.8X	
	0 6s		4 30nm		3.8mb	
CTA	19.08	149	e(P)	26 44 00	0.5	
ASPA	19.87	185	eP	26 50.00	-2.3	
WBN	23 97	201	eP	27 34.00	0.7	
	S.D. = 1.7		on	5 of 7 obs		

• JUN 14, 1985 03h 20m 18.58± 0.90s
38.446 N ±12.4km 39.420 E ±12.2km
DEPTH = 10.0km (geophysicist)
4.2mb (1 obs)
TURKEY (366)

MSL	3.61	124	ePnd	21 15.80	0.0	
			ePn•	21 25 50		
			iSn	22 14 00		
			iS•	22 28 00		
			iLg	22 37.00		
RTB	5.38	172	ePn	21 52.00	11.2X	
			ePn•	22 07.00		
			ePg	22 23.00		
			iSn	23 10.80		
			iS•	23 31.50		
			iSn	23 47.00		
TAB	5.45	92	eP	22 11.00	29.0X	
BHL	5.46	215	Pn	21 42.00	-0.1	
			Sn	23 18.00		
KER	7.42	121	eP	22 28.00	18.3X	
JER	7.50	209	eP	22 39.00	28.3X	
			eS	24 22.50		
MHI	16.10	91	eP	24 13.00	6.3X	
KBA	20.92	303	iPc	25 04.50	0.7	
	0.7s		7.70nm		4.2mb	
PRU	21.13	311	eP	25 05.00	-0.7	
KHC	21.39	308	P	25 08.50	0.1	
	S.D. = 0.7		on	5 of 10 obs.		

? JUN 14, 1985 03h 20m 24 94± 3.88s
24.532 N ± 8.3km 122.027 E ±34.5km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC	0 18	295	iPd	20 29 00	0 0	
TWD	0 60	221	ePd	20 37.00	0 0	
			eS	20 47 50		
TATO	0.66	312	eP	20 38.00	-0 1	
			eS	20 50.80		
TWZ	0.69	324	iPd	20 38.20	-0 5	
ANP	0.80	325	eP	20 41 00	0.5	
	S.D. = 0.5		on	5 of 5 obs.		

JUN 14, 1985 03h 27m 24.56± 0.75s
26.229 S ± 7.5km 27.535 E ± 7.7km
DEPTH = 5.0km (geophysicist)
4.4mb (1 obs)
REPUBLIC OF SOUTH AFRICA (584)

KSR	0.68	302	iPd	27 39.00	0 8	
			S	27 48.30		
SLR	0.83	54	iPc	27 42.60	1.3	
	2.5s		333.33nm			
SEK	2.09	178	eP	28 01.10	0 3	
			S	28 25.60		
SWZ	2.19	244	iPc	28 02.00	-0.3	
			S	28 28.00		
JOZ	4.24	108	eP	28 45.50	14.3X	
BUL	6.14	10	iPnc	28 59.10	0.8	
			iSn	30 08.00		
			iS•	30 21.60		
			iSg	30 38.10		
KRI	9.55	12	iPn	29 46.00	0.1	
			iSn	31 30.00		
			iSg	32 27.00		
MTD	10.13	23	iPnc	29 53.00	-0.8	
			iSn	31 43.00		
			iSg	32 43.00		
CLK	12.58	35	iPnc	30 26.00	-1.2	
			eSn	32 42.00		
			eLg	34 01.00		
BNG	31 70	343	ePc	33 50 50	-1.0	
	0.9s		5.00nm		4.4mb	
			i	34 47.00		
	S.D. = 1.1		on	9 of 10 obs.		

? JUN 14, 1985 04h 21m 11.73± 7.87s
14.576 S ±59.5km 69.036 W ±71.3km
DEPTH = 146.6 ± 25.8 km
PERU-BOLIVIA BORDER REGION (118)

ZOBO	1.90	153	iPc	21 47.10	0.6	
	0.2s		62.68nm			
LPB	2.14	155	Pc	21 49.10	-0.1	
			S	22 39.00		
CNCB	2.44	156	iP	21 52.10	-0.9	
			i	22 06.00		
			S	22 41.00		
TPZ	6.86	178	Pd	22 51.80	0.4	
YJA	8.26	157	ePc	22 59.40	-10.9X	
BAO	20.35	96	eP	25 40.10	1.5	
VAO	22.49	115	e(P)	25 59.00	-0.7	
SOB1	28.03	82	eP	26 50.50	-0.8	
	S.D. = 1.3		on	7 of 8 obs		

JUN 14, 1985 04h 34m 22.35± 0 52s
10.233 N ± 7.8km 93.745 E ± 6.4km
DEPTH = 33.0km (normal)
4.7mb (11 obs.)
ANDAMAN ISLANDS REGION (703)

KHT	6.55	46	eP	36 00.00	1.1	
SNG	7.44	114	eP	36 11.60	0.2	
IPM	9.15	127	ePc	36 32.90	-2.2	
	0.3s		19.20nm		5.8mb X	
CHG	9.90	30	iPd	36 50.20	4.6X	
	1.0s		17.00nm		5.3mb	
LOE	10.53	47	eP	36 55.00	0.8	
SHL	15.35	354	eP	37 57.00	-1.5	
KOD	16.02	271	eP	38 10.00	2.7	
GBA	16.31	283	P	38 14.00	3.4X	
	0.6s		14.90nm		4.3mb	
HYB	16.38	297	eP	38 12.00	0.4	
PKI	18.95	337	eP	38 43.40	-0.4	
	0.8s		47.00nm		4.8mb	
DMN	19.10	336	eP	38 45.50	0.0	
	0.7s		30.00nm		4.6mb	
KKN	19.20	337	eP	38 46.00	-0.6	
	0.7s		36.00nm		4.7mb	
GYA	20.24	35	Pc	38 59.40	1.6	
CD2	22.58	23	eP	39 21.90	0.6	
NDI	24.02	322	eP	39 37.00	1.7	
XAN	27.48	28	eP	40 06.60	-1.0	
NJ2	31.78	43	P	40 47.40	1.4	
QUE	31.89	312	eP	40 40.00	-7.2X	
WMQ	33.87	352	P	41 02.50	-1.7	
HHC	34.32	24	eP	41 07.40	-0.7	
BJI	35.75	30	eP	41 21.00	0.9	
CN2	43.27	34	Pd	42 23.00	0.5	
WRA	49.96	127	Pd	43 16.50	0.9	
	0.5s		1.10nm		4.1mb	
WB2	49.97	127	eP	43 16.20	0.5	
CTA	59.81	120	iPd	44 36.80	9.6X	
KJF	70.51	335	iP	45 35.00	-0.5	
	0.6s		13.00nm		5.2mb	
SUF	70.76	333	iP	45 36.10	-1.0	
	0.7s		4.40nm		4.6mb	
SOD	71.89	338	iP	45 42.90	-0.9	
			i	45 50.80		
KEV	72.50	340	iP	45 47.00	-0.4	
BNG	74.68	272	ePd	46 00.70	-0.5	
	0.3s		3.00nm		4.8mb	
			i	46 09.00		
KHC	75.91	318	eP	46 07.00	-0.5	
SLL	76.44	330	eP	46 08.60	-1.7	
	0.7s		7.40nm		4.8mb	
EKA	85.57	325	P	46 59.00	0.5	
	0.8s		2.80nm		4.5mb	
MBC	91.49	8	eP	47 26.00	-0.3	
JCT	137.48	17	ePKP	53 47.80	2.5X	
	0.9s		5.04nm			
	S.D. = 1.2		on	30 of 35 obs.		

? JUN 14, 1985 05h 27m 20.91± 4 70s
33.307 S ±12.0km 71.939 W ±39.4km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.78	146	iPc	27 35.20	-0.3	
			iS	27 43.50		
ROCH	0.85	67	iPd	27 36.60	0.0	
TACH	0.91	113	iPc	27 36.50	-0.8	
			i(S)	27 47.00		
PEL	1.06	82	iPd	27 39.70	0.1	
SAN	1.08	98	iPd	27 39.60	-0.2	
			iS	27 48.90		
BACH	1.21	93	iPd	27 41.90	0.2	
CHCH	1.24	121	iPd	27 42.00	-0.1	
JACH	1.29	62	iPc	27 43.70	0.8	
FCH	1.38	91	iPd	27 44.50	0.1	
MDZ	2.63	82	eP	28 07.40	5.4X	
			iS	28 39.70		
RFA	3.23	118	ePc	28 12.00	1.4	

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TCA      6.52  74 ePc    28 55.80  -1.3
                 S       30 09.00
      S.D. = 0.8  on  11 of  12 obs.

*  JUN  14, 1985  05h 58m 53.21± 3.40s
   24 789 N ±11.1km  121.951 E ±32.2km
   DEPTH =  10.0km  (geophysicist)
 TAIWAN                                (244)

TWC      0 20 207 iPd    58 57.20  -0.4
                 eS      59 00.50
TWZ      0.46 312 iPc    59 02.20  -0.3
                 eS      59 09.00
TATO     0 46 294 eP     59 02.80   0.2
                 eS      59 08.00
ANP      0.56 315 eP     59 04.50  -0.1
TWF1     1.55 203 eP     59 21.30   0.4
      S.D. = 0.5  on   5 of   5 obs.

*  JUN  14, 1985  06h 19m 25.78± 1.04s
   81.243 N ±17.8km    5.098 W ±14.5km
   DEPTH =  10.0km  (geophysicist)
   4.5mb (  6 obs.)
 NORTH OF SVALBARD                     (641)

DAG      5.18 217 iPd    20 44.70  -0.4
        0.3s    42.86nm          5.5mb X
                 i       21 47.00
ALE      7.91 306 eP     21 15.00  -8.4X
        0.5s    11.00nm          5 3mb
SOD     15.92 132 iP     23 10.60  -0.4
KJF     19.11 134 iP     23 49.30  -1.4
        0.6s    15.60nm          4.4mb
MBC     19.20 318 eP     23 35.00 -16.6X
                 pP      23 54.00  96kmX
SUF     20.38 137 eP     24 08.00   3.3X
NB2     20.80 157 P      24 08.80  -0 3
        0 8s    4.60nm           3.9mb
SLL     21.49 155 eP     24 16.30   0.2
        0.8s    5 90nm           4 0mb
NUR     22.40 140 iP     24 24.00  -1.1
        0 7s    13.30nm          4.5mb
MOX     31 19 159 e(P)   25 48.00   1.4
YKC     31.63 303 eP     25 53.00   2.6
YKA     31 63 303 eP     25 55.20   4.8X
KRA     32.33 149 eP     25 57.30   0.7
KHC     32.81 157 P      26 02.50   1.7
SPC     33.21 149 eP     26 05.00   0.5
EDM     40.47 298 ePc    27 10.40   4.8X
SES     42.92 295 eP     27 24.00  -1.7
JCT     60.80 280 iP     29 38.00  -1.9
        1 0s    10 00nm          4.9mb
      S.D. = 1 5  on  13 of  18 obs.

?  JUN  14, 1985  07h 03m 49.05± 7.00s
   33.799 S ±16.4km    71.915 W ±57.4km
   DEPTH =  33.0km  (normol)
 NEAR COAST OF CENTRAL CHILE           (135)

LNV      0.45 111 iPc    03 57.00  -1.8
                 iS      04 07.20
TACH     0.83  80 iP     04 03.60  -0.7
                 iS      04 21.50
CHCH     1.06  98 iPc    04 07.20  -0.5
SAN      1.10  72 iPc    04 08.30   0.1
                 iS      04 28.50
ROCH     1.12  43 iPc    04 08.20  -0.5
                 i(S)    04 31.50
PEL      1.22  58 iPc    04 10.50   0.6
                 iS      04 31.50
BACH     1.27  70 iPc    04 11.10   0.5
                 iS      04 35.00
FCH      1.44  71 iPc    04 13.50   0.2
JACH     1.57  45 iPd    04 14.50  -0.6
MDZ      2.72  71 eP     04 35.40   3.9X
                 iS      05 24.60
RFA      3.02 110 eP     04 37.20   1.5
TCA      6.65  70 ePc    05 27.30   0.2
                 S       05 57.00
      S.D. = 1.0  on  11 of  12 obs

   JUN  14, 1985  07h 11m 13.41± 0.32s
    6.758 N ± 3.3km   73.031 W ± 4.3km
   DEPTH = 163.6 ±  3.6 km
   4.8mb ( 30 obs.)
 NORTHERN COLOMBIA                     ( 99)
      Felt at Bogota.

BMG      0.31 352 iP     11 36.00  -1.2
FUQ      1.46 209 iP     11 44.00  -0.3
BOG      2.36 206 iP     11 55.00   0.7
                 iS      12 24.00
UAV      2.62  45 iPnd   11 58.40   1.0
        0.2s    442.00nm
CHN      3.13 235 iP     12 03.00  -0 6
SDV      3.18  48 iPnc   12 05.10   0 8
        0.2s    257 90nm
LGN      3.79  27 iPnd   12 13.20   1 3
TOV      4.40  47 iPnc   12 20.30   0 4
        0.7s    353.80nm
UPA      6.81 289 iPc    12 48.50  -3 5X
        0.9s     84.03nm          5.1mb
                 i       12 52.00
                 i       12 58.90
                 i       13 06.00
PSO      6.99 218 iP     12 55.50   0.7
CAR      7.09  58 iPnc   12 54.00  -1.8
        1.0s    400 00nm          5.8mb
SJG     13.13  30 eP     14 13.00  -1.9
NNA     19.00 192 iP     15 24.80  -0.4
        1.1s    22 78nm          4.5mb
ZOBO    23.39 168 Pd     16 09.50   0.2
        0.9s    62.72nm          5.1mb
LPB     23.65 168 Pc     16 12.70   1.1
        1.1s    81.01nm          5.2mb
                 i       16 47.00
CNCB    23.94 168 iP     16 15.30   0.7
                 i       16 49.00
TPZ     28.36 172 eP     16 59.00   4.3X
JSC     28.42 346 P      16 55.40   0.7
PRM     28.53 344 eP     16 56.40   0.7
        0.9s     1.90nm          3.8mb
YJA     29.68 166 ePc    17 04.60  -1.9
GFM     30.30 346 P      17 12.20   0.6
RSCP    30.93 340 eP     17 19.70   2.8X
        0.8s    38.30nm          5.2mb
BLA     31.05 349 P      17 18.80   0.8
        0.9s    32.71nm          5.1mb
PWLA    31.31 336 P      17 20.80   0 6
CVL     31.47 352 P      17 22.00   0.5
GRT     32 98 335 P      17 35.00   0.3
OLY     33.25 332 P      17 37.20   0.2
BAO     33.32 132 Pd     17 38.60   0.6
POW     33.65 333 P      17 40.40   0.0
BHO     34.09 327 eP     17 43.80  -0.4
JCT     34.46 317 iP     17 47.00  -0.5
        1.0s    10.50nm          4.5mb
FVM     34.86 336 eP     17 50.80   0.0
        0.9s    93.22nm          5.5mb
RLO     35.53 329 iPd    17 55.70  -0.7
TUL     35.74 327 iPd    17 57.40  -0.7
        0.8s    43.30nm          5.2mb
SOB1    35.74 116 eP     17 59.30   0 9
        0.6s     4 00nm          4.3mb
OCO     36.38 325 eP     18 03.40  -0.1
LTX     36.57 312 eP     18 05.60   0.2
        0.7s     5.42nm          4.4mb
ITR     37.79 114 e(P)   18 05.00 -10.6X
OTT     38.56 357 eP     18 22.00   0.4
MNT     38.60 359 eP     18 23.50   1.5
                 pP      18 57.50 155kmX
VAO     39.05 140 eP     18 25.90  -0.2
                 e       18 35.40
                 e       19 02.40
ALQ     41.62 317 eP     18 47.20   0.0
        1.0s    10.25nm          4.4mb
LHC     43.74 344 eP     19 03.00  -1.0
GLD     43.74 324 eP     19 05.80   1.4
        0.8s    68.24nm          5.3mb
GOL     43.80 323 eP     19 05.60   0.6
        0.8s    21.43nm          4.8mb
RMU     45.84 317 eP     19 21.70   0.7
        0.8s     2.90nm          3.9mb
RSSD    46.04 329 eP     19 24.20   1.7
        0.8s    10.21nm          4.5mb
GLA     46.74 310 eP     19 29.00   0.9
RSON    47.21 342 eP     19 32.60   1.2
        0.5s    13.18nm          4.8mb
MSU     47.41 318 P      19 34.00   0.6
DAU     47.84 320 P      19 37.40   0.6
BAR     48.01 308 eP     19 38.00   0.1
TPC     48.11 310 eP     19 39.00   0 4
SCH     48.18   5 eP     19 38.50  -0 3
BDW     48.19 324 P      19 39.00  -0.4
        1.0s    18.00nm          4.7mb

PLM     48.42 309 eP     19 41.00  -0.2
GSC     49.17 312 eP     19 47 00   0.2
IMW     49.67 324 P      19 50 40  -0.3
SBB     49.68 310 eP     19 50 00  -0 7
TMI     49.89 323 P      19 52.30  -0 1
CLC     49.97 312 eP     19 52 00  -0 9
EUR     50.45 317 iP     19 56.00  -0 7
        0.3s    9.62nm           5 0mb
HPI     50.83 323 P      19 59.80   0 2
LRM     51.68 326 ePd    20 05.60  -0.3
BMN     51.75 317 eP     20 06.30  -0.1
        1.1s    10.39nm          4.4mb
FFC     53.18 339 iPd    20 15.60  -0.8
        0.6s    8.00nm           4.7mb
SES     53.80 331 eP     20 20.00  -1.2
        1.2s    76.00nm          5.3mb
ORV     54.32 315 P      20 25.00  -0.2
NEW     55.69 326 eP     20 33.00  -1.9
EDM     56.72 332 iPd    20 40.70  -1.4
PNT     57 65 326 eP     20 48.00  -0.7
        1.0s    24.00nm          5.0mb
YKC     63.30 340 eP     21 26.00  -0.6
        0.9s    23.00nm          5.1mb
YKA     63.35 340 eP     21 26.50  -0.5
KIC     67.79  86 eP     21 55.10  -1.1
INK     73.10 340 eP     22 26.00  -1.1
MBC     73.88 350 ePd    22 32.00   0.5
        0.7s    17.00nm          4.9mb
                 pP      23 11.00 159kmX
DAG     75.68  11 iPc    22 40.80  -1.0
        0.7s    8.90nm           4.6mb
PMR     77.48 332 P      22 52.70   0.8
        0.8s    6.90nm           4.4mb
IMA     80.06 336 P      23 06.60   0.5
TTA     80.82 333 P      23 10.80   0.8
NAO     81.15  30 P      23 12.40   0.8
        0.8s    3.10nm           4.1mb
SHL    144.68  24 iPKP   30 32.00  -1.1
ASPA   149.15 234 ePkP   30 44.00   3.8X
WB2    150.37 241 iPKPc  30 47.10   5 0X
WRA    150.38 241 PKPd   30 42.90   0 8
        0.4s    4.50nm
      S.D. = 0.9  on  79 of  85 obs

   JUN  14, 1985  07h 43m 57.95± 0 53s
   17.679 N ± 4.7km   94.553 W ± 4 4km
   DEPTH = 153.5 ±  5.6 km
   4.8mb ( 46 obs.)
 CHIAPAS, MEXICO                       ( 61)

VHO      2.13 258 iP     44 34.00  -1.4
IIP      4.46 293 iP     45 06 00   0 6
TPM      4.47 288 iP     45 06.00   0.6
UNM      4.69 291 iP     45 09.00   0 6
TAC      4.73 292 iP     45 00.00  -0 9
                 iS      46 10.00
III      4.73 279 iP     45 08.00  -0 8
IIC      4.92 296 iP     45 12.00   0 5
OXM      5.13 289 iP     45 15.00   0 6
PIM      7.00 276 iP     45 38.00  -1 1
GCM     12.60  81 P      46 54.10   1.2
JCT     13.61 340 eP     47 06.00   0 1
        0.9s    50.42nm          4.9mb
LTX     14.29 326 eP     47 16.00   1 5
        1.0s    24.40nm          4.5mb
                 e       47 31.70
BHO     16.64 359 iPc    47 43.80   0 3
UPA     16.97 119 ePc    47 48.00   0 3
        1.0s   120.00nm          5.2mb
OCO     17.96 352 iPc    47 59.50   0.2
TUL     18.19 357 iPc    48 00.80  -1.0
        0.9s   479.10nm          5.8mb X
      Z 20s     0.32um
RLO     18.42 359 iPc    48 03.10  -1.1
RSCP    19.55  22 eP     48 16.50   0.6
        1.0s   166.00nm          5.4mb
PRM     19.65  31 eP     48 15.90  -1.0
        0.8s    14.30nm          4.4mb
                 e       48 30.00
ALQ     20.20 331 iPd    48 23.60   0 8
        0.8s    57.84nm          5.1mb
FVM     20.55   9 P      48 24.70  -1 4
BLA     23.10  30 eP     48 51.80   0.8
        1.1s    65.82nm          5.0mb
GLA     23.81 314 eP     48 58.00   0.0
                 e       49 32.00
GLD     23.86 339 eP     48 59.90   1.3
```

14d 07h

0.6s 68 85nm 5.4mb
GOL 23.87 339 eP 48 59.70 1.0
0.7s 32.28nm 5.0mb
e 49 16.50
pP 49 36.50 189kmX
RMU 24 13 326 eP 49 02.70 1 5
0.6s 8 80nm 4.5mb
SLBC 25 50 311 eP 49 14.80 1.1
UTO 25 69 19 ePd 49 13 50 -1 8
RSSD 27 55 345 eP 49 34.70 2 2
1.0s 4 50nm 4 1mb
BDW 28.09 336 P 49 36.90 -0.5
EUR 28.60 324 iP 49 42.00 0 0
0.2s 41.31nm 5.8mb X
MNA 29.20 320 iPd 49 48.50 1.2
FRI 29.34 316 ePd 49 47.70 -0.6
PRI 29.52 314 eP 49 50.60 0.5
BMN 29.95 324 eP 49 55.50 1.7
0.9s 21.48nm 4.9mb
LLA 29.96 314 ePd 49 52.90 -1.0
PRS 30.11 313 eP 49 55.20 0.1
JAS1 30.33 317 ePd 49 57.00 -0.1
MHC 30.82 315 ePd 50 02.20 0.7
GCC 30.90 314 eP 50 02.50 0.5
LHC 30.96 7 eP 50 00.50 -1.9
pP 50 36.50 172kmX
RSNY 31.63 28 eP 50 09.00 0.7
1.0s 49.00nm 5.2mb
pP 50 45.30 174kmX
LRM 31.77 336 eP 50 10.20 0.4
OTT 31.79 26 ePd 50 08.50 -1.2
1.0s 67.00nm 5.4mb
pP 50 43.00 164kmX
OPV 31.95 319 eP 50 11.80 0.6
MIN 32 48 320 ePd 50 15.90 -0.1
MNT 32 77 28 eP 50 17.00 -1.2
pP 50 54 00 176kmX
RSON 33.11 1 eP 50 21.30 0 2
0.9s 23.53nm 4.9mb
WDC 33.20 319 ePd 50 19.90 -2 1
FHC 34.23 318 ePd 50 31.90 1 0
SES 35.21 342 eP 50 39.00 -0 1
NEW 35 63 334 eP 50 42.00 -0.6
FFC 37 41 353 iPd 50 56.80 -0 7
0.6s 22.00nm 5 1mb
PNT 37.50 333 iPd 50 58.80 0.5
0.8s 19.00nm 4.9mb
EDM 38.38 342 iPd 51 05.40 -0.3
0.5s 36.00nm 5.4mb
PGC 38.79 329 eP 51 09.00 0.0
ZOBO 42 61 141 ePc 51 41.10 -0.3
0.3s 11.13nm 5.0mb
LR 01 32.00
LPB 42.83 141 P 51 44.00 1.0
CNCB 43.12 141 iP 51 45.90 0.4
TPZ 46.41 146 P 52 24.80 13.4X
YKC 46 87 347 eP 52 13 00 -1.1
0.8s 29.00nm 4.9mb
YKA 46.91 347 eP 52 13.90 -0.5
YJA 48.75 143 ePc 52 29.20 -0.5
INK 56.22 344 eP 53 22.00 -1.9
SOB1 59.35 112 eP 53 45.80 -0.7
e 54 25.10
MBC 59.99 353 iPd 53 49.20 -0.7
0.7s 19.00nm 5.1mb
VAO 61.62 129 eP 54 01.40 -0.4
e 54 38.70
e 54 51.40
e 54 55.90
ALE 66.08 4 ePd 54 28.30 -1.6
0.8s 15 00nm 5 0mb
DAG 69.66 14 iPd 54 50.30 -1 8
0.3s 15.58nm 5 3mb
i 55 29.00
EKA 76 44 36 Pd 55 31.50 -0 5
0 8s 20 40nm 4.9mb
LPF 79 37 43 eP 55 47 80 -0.3
1 2s 18 70nm 4.7mb
GRP 79 39 43 eP 55 48 40 0.1
1 2s 13 70nm 4.6mb
FLN 79 54 42 eP 55 49.20 0.1
1 0s 8 00nm 4.4mb
LDF 79 82 42 eP 55 50.60 0.1
1 2s 8.30nm 4.3mb
LSF 81 53 44 eP 55 59.40 -0.2
1 1s 6 70nm 4.3mb
RJF 81.80 45 eP 56 00.80 -0.2

0.8s 6.40nm 4.4mb
TCF 81.97 44 eP 56 01.80 -0.1
1.0s 8.10nm 4.4mb
NAO 82.00 28 P 56 02.50 0.8
0.8s 11.70nm 4.7mb
MZF 82.24 44 eP 56 03.20 -0.1
1.0s 10.00nm 4.5mb
CAF 82.28 45 eP 56 03.20 -0.4
0.9s 4 90nm 4.3mb
BGF 82.32 44 iPc 56 03 40 -0 3
0.8s 13.40nm 4.8mb
DOU 82.34 40 P 56 04.30 0.6
S 06 00.00
AVF 82.58 43 iPc 56 04.70 -0.3
1.0s 6.20nm 4.3mb
SSF 82.59 43 eP 56 04.80 -0.3
0.9s 9.80nm 4.6mb
LOR 82.76 43 eP 56 06.00 0.0
1.1s 17.00nm 4.8mb
LBF 82.92 43 eP 56 06.40 -0.5
1.1s 6.70nm 4.4mb
MEM 83.03 39 P 56 07.20 0.0
KEV 83.73 17 eP 56 09.00 -1.4
HAU 84.11 42 iPc 56 13.00 0.2
1.0s 9.20nm 4.6mb
BSF 84.45 42 iPc 56 14.80 0.2
1.0s 14.80nm 4.8mb
CDF 84.56 41 iPc 56 15.40 0.3
1.0s 12.00nm 4.7mb
GWF 84.57 40 iPc 56 15.10 0.0
SOD 84.99 19 eP 56 09.00 -7.8X
EMS 85.15 43 eP 56 19.20 0.9
CDR 85.19 46 ePd 56 19.20 0.9
DIX 85.46 43 eP 56 21.10 1.2
SLE 85.55 41 eP 56 20.50 0.5
LRG 85.67 46 eP 56 21.20 0.6
1.0s 20.00nm 4.9mb
LMR 85.82 46 iPc 56 21.80 0.5
1.0s 17.60nm 4.8mb
MMK 85 83 43 eP 56 23.20 1.5
LLS 86.20 42 eP 56 24.60 1.2
MOX 86.35 38 e(P) 56 25.00 1.2
VDL 86 64 42 eP 56 27.00 1.4
OSS 87.00 42 eP 56 28.60 1.3
KJF 87.21 22 iP 56 27.40 -0.3
0.7s 9.30nm 4.8mb
SUF 87.50 23 iP 56 28.80 -0.3
0.8s 6.40nm 4.6mb
KIC 87.92 84 e(PKP)56 32.40 0.4
WB2 133.78 259 ePKP 02 57.70 -1.2
WRA 133.79 259 PKP 02 59.00 0.1
0.6s 2.70nm
HYB 144.47 11 ePKPd 03 16.00 -2.4
0.8s 35.70nm
e 04 00.80
GBA 147.93 15 PKPc 03 26.70 2.7X
1.1s 33.70nm
MUN 148.79 237 iPKPd 03 28.40 3.4X
S.D. = 0.9 on 108 of 112 abs.

† JUN 14, 1985 09h 10m 02.91± 1.10s
43.441 N ±12.6km 20.971 E ±10.6km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.1 (TTG). Felt in the Mount
Kopaonik area.

SKO 1.51 167 iPg 10 29.00 -1.0
i 10 31.00
iSg 10 49.50
VTS 1.84 116 iP 10 35.00 0.3
iPg 10 38.00
OHR 2.33 183 ePn 10 43.90 1.9
VAY 2.43 150 iPn 10 41.70 -1.5
MMB 2.75 131 iPc 10 48.00 0.1
BLY 3.03 297 eP 11 15.00 23.3X
PVL 3.08 94 iPc 10 53.00 0.5
DIM 3.67 111 eP 11 13.00 12.1X
KDZ 3.70 118 iPd 11 07.00 5.6X
VRI 4.77 57 eP 11 44.00 27.5X
CEY 5.21 298 eP 11 05.00 -17.7X
e(S) 12 25.80
VOY 5.67 300 e(P) 11 29.00 -0.3
eS 12 35.00
KHC 7.65 321 eP 12 07.00 9.9X
PRU 7.90 328 eP 12 29.50 29.0X
S.D. = 1.4 on 7 of 14 obs.

• JUN 14, 1985 10h 20m 21.67± 2.57s
24.535 N ± 8.2km 122.048 E ±27.4km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC 0.20 292 iPd 20 26.00 0.0
eS 20 29.50
TATO 0.67 311 eP 20 35.00 0.0
eS 20 47.00
TWZ 0.70 323 iPd 20 34.90 -0.7
eS 20 45.40
ANP 0.81 323 eP 20 38.00 0.6
TWF1 1.36 210 iPc 20 46.50 -0.2
TWG 1.93 208 eP 20 55.00 0.2
S.D. = 0.6 on 6 of 6 obs.

JUN 14, 1985 10h 42m 18.30± 0.92s
23.089 N ± 6.8km 120.570 E ± 9.0km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWK 0.19 337 iPc 42 21.50 -1.1
eS 42 24.20
TWM1 0.29 207 iPc 42 24.80 0.3
TWG 0.53 120 iPd 42 28.50 -0.6
eS 42 36.50
TWF1 0.72 68 iPc 42 32.00 -0.4
eS 42 42.50
TWQ 1.21 12 iPd 42 40.10 -0.7
eS 42 57.00
TWC 1.91 37 eP 42 51.50 0.3
TATO 2.06 24 e(P) 42 55.50 2.2
S.D. = 1.3 on 7 of 7 obs.

& JUN 14, 1985 11h 24m 03.10s
36.162 N 120.268 W
DEPTH = 9.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.2 (BRK). Felt (III)
at Huron and Raisin. Also felt
at Coalinga.

PRI 0.32 267 iPd 24 09.20 -0.6
PHAM 0.34 198 P 24 09.80 -0.3
LLA 0.71 310 iPd 24 16.00 -1.2
PRS 0.91 281 eP 24 18.70 -1.9
FRI 0.94 28 iPd 24 18.60 -2.5
SAO 1.12 303 iPd 24 22.20 -2.1
SLD 1.19 320 P 24 23.40 -2.0
WKTM 1.53 103 P 24 28.20 -2.4
ARN 1.56 320 P 24 28.00 -3.1
BLP 1.60 184 P 24 29.00 -2.6
MHC 1.61 317 eP 24 29.00 -2.9
GCC 1.64 302 eP 24 28.80 -3.4
JAS1 1.77 356 iPd 24 31.80 -2.2
iS 24 53.90
VPEM 2.00 95 P 24 35.60 -1.9
PCC 2.16 309 eP 24 36.50 -3.2
BKS 2.33 318 eP 24 39.50 -2.6
eS 25 07.30
BRK 2.34 318 ePc 24 39.10 -3.2
ZSP 2.39 319 eP 24 40.00 -3.0
MNA 2.82 36 eP 24 48.20 -1.2
SDW 3.03 120 P 24 48.30 -4.0
ORV 3.53 344 eP 24 57.50 -1.6
MIN 4.31 346 eP 25 09.70 -0.7
EUR 4.75 44 iP 25 17.60 0.8
23 obs. associated

JUN 14, 1985 11h 50m 11.34± 0.79s
49.629 N ± 6.8km 16.612 E ± 7.6km
DEPTH = 0.0km (geophysicist)
CZECHOSLOVAKIA (547)
ML 3.9 (VKA), 3.6 (GRF).
Explosion.

KSP 1.23 351 iPn 50 34.70 -0.5
0.4s 129.00nm
iPgd 50 35.30
iSn 50 52.50
iSg 50 53.60
VKA 1.38 188 iPnc 50 37.20 -0.5
iSg 50 57.30
PRU 1.39 286 Pg 50 38.70 0.8
Sg 50 59.50
ZST 1.47 167 i(P) 50 38.40 -0.7
i(Sn) 50 57.30

EDR No. 6-85
November 25, 1985
P. 125-246 Part 2 of 2

U. S. DEPARTMENT OF THE INTERIOR

Geological Survey

EARTHQUAKE DATA REPORT

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

Hypocentral coordinates are determined by a modified Geiger's method and may be constrained by reported first arriving P-waves, Pdiff, and the DF branch of PKP. Data are corrected for station elevation and for the ellipticity of the Earth. Outliers may be truncated (ie., removed from the calculation) either automatically or manually. The solution is allowed to converge between rounds of automatic truncation to insure a unique result. Convergence is aided by step length damping.

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

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

Two types of magnitude are computed: body-wave magnitude (m_b) and surface-wave magnitude (M_{SZ}). Each is a 25% trimmed mean of individual station values. Station magnitudes not used in the trimmed mean are marked with an X. This includes station magnitudes of either type which deviate significantly from the mean and surface-wave magnitudes determined from horizontal amplitudes. Body-wave magnitudes are computed according to the formula $\log(A/T) + Q$, derived by Gutenberg and Richter (1956), where A is the P-wave amplitude in micrometers, T is the period in seconds, and Q is the depth-distance factor. Surface-wave magnitudes are computed from the formula $\log(A/T) + 1.66\log(\Delta) + 3.3$, where A is the maximum vertical surface-wave amplitude in micrometers,

T is the period in seconds, and Δ is the epicentral distance in degrees. Surface-wave magnitudes are determined only for earthquakes whose focal depths (taking into account the computed standard deviations) are potentially less than 50 km, for stations having $20° \leq \Delta \leq 160°$, and for reported periods of $18 \leq T \leq 22$ s. No correction for focal depth is used in the M_S calculation. Body-wave magnitudes are not determined from PKP arrivals or for stations having $\Delta \leq 5°$. Amplitude values stated in this report are in nanometers (nm) for body-waves and micrometers (μm) for surface-waves.

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

Hypocenter Symbols

& Indicates that parameters of the hypocenter were supplied or determined by a computational procedure not normally used by the National Earthquake Information Service (NEIS). The source or nature of the determination is indicated by a 2 to 5 letter code enclosed by angle brackets and appearing in the first line of comments. A "-P" appended to the code indicates that the computation is preliminary. These codes are included with the list of abbreviations in the PDE Monthly Listing.

% Indicates a single network solution. A non-furnished hypocenter has been computed using data reported by a single network of stations for which the date and/or origin time cannot be confirmed from seismograms available to a NEIS analyst. Also, if we define η to be the geometric mean of the semi-major and semi-minor axes of the horizontal 90% confidence ellipse, then $\eta \leq 16.0$ km.

* Indicates a less reliable solution. In general, $8.5 < \eta \leq 16.0$ km.

? Indicates a poor solution, published for completeness of the catalog. In general, $\eta > 16.0$ km. This includes poor solutions computed using data reported by a single network.

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

Note: On printers available to the NEIS for this publication, the symbol for degrees (°) appears as "`".

References

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

Gutenberg, B. and C. F. Richter (1956), Magnitude and Energy of Earthquakes, *Ann. di Geofisica*, **9**, no. 1, pp. 1–15.

Jeffreys, Harold and K. E. Bullen (1940), *Seismological Tables*, British Assoc. for the Advancement of Science, Gray Milne Trust.

Jordan, Thomas H. and Keith A. Sverdrup (1981), Teleseismic Location Techniques and their Application to Earthquake Clusters in the South-Central Pacific, *Bull. Seis. Soc. Am.*, **71**, pp. 1105–1130.

SOP	1.95	181	e(Pn)	50	45.00	-1.0
KHC	2.04	257	Pn	50	48.00	0.5
			Pg	50	51.60	
			Sn	51	12.50	
			Sg	51	20.10	
BRG	2.12	307	iPg	50	52.40	3.9X
			iSg	51	22.40	
KMR	2.27	227	iPg-	50	51.90	1.2
			eSg	51	23.00	
SPC	2.41	99	i(Pn)	50	53.90	1.0
			i(Sn)	51	24.20	
WET	2.49	260	iPnc	50	54.60	0.8
CLL	2.85	308	iPn	50	59.60	0.6
			iPg	51	07.20	
			iSg	51	44.60	
HOF	3.13	284	iPnc	51	02.50	-0.4
KBA	3.36	222	iPgc	51	07.50	1.2
			i	51	10.90	
			i	51	17.20	
			iSg	51	51.20	
			i	52	02.60	
MOX	3.37	289	ePn	51	06.50	0.1
			iSg	52	03.00	
GRF	3.50	273	e(Pn)	51	05.00	-3.2
			ePg	51	17.00	
			eSg	52	05.60	

S.D. = 1.3 on 14 of 15 obs.

* JUN 14, 1985 12h 17m 00.11± 1.01s
42.512 N ±10.6km 24.149 E ± 7.6km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PLD	0.58	134	iPgc	17	11.00	-0.8
			iSg	17	20.00	
VTS	0.71	278	iPgc	17	12.00	-2.0
MMB	0.97	199	iPc	17	20.00	1.4
PVL	0.98	49	iPd	17	20.00	1.2
KDZ	1.25	134	iPd	17	22.00	-1.3
VAY	1.67	225	ePn	17	30.60	1.0
SKO	2.08	256	ePn	17	36.00	0.5

S.D. = 1.7 on 7 of 7 obs.

JUN 14, 1985 13h 14m 14.89± 0.19s
40.767 S ± 4.5km 74.953 W ± 5.8km
DEPTH = 33.0km (normal)
5.5mb (24 obs.) 4.6Msz (1 obs.)
OFF COAST OF SOUTHERN CHILE (143)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 29C
Centroid Location:
Origin Time 13:14:16.6 0.4
Lat 40.74S FIX;Lon 74.92W FIX
Dep 10.0 FIX Half-duration 2.0
Moment Tensor; Scale 10**24 D-CM
Mrr=-1.43 0.06 Mtt= 0.04 0.06
Mff= 1.39 0.10 Mrt= 0.43 0.14
Mrf=-0.24 0.16 Mtf= 0.72 0.07
Principal Axes:

	Val=	Plg=	Azm=
T	1.70	1	113
N	-0.09	20	23
P	-1.61	70	206

Best Double Couple:Mo=1.6*10**24
NP1:Strike=223 Dip=48 Slip= -62
NP2: 4 49 -117

LNV	7.36	24	iPd	15	56.80	-5.9X
CHCH	7.63	28	iPc	16	01.70	-4.9X
			i	17	25.30	
TACH	7.79	26	iP	16	04.00	-4.8X
RFA	7.89	43	ePd	16	07.30	-2.9X
SAN	8.06	26	iP	16	08.80	-3.8X
BACH	8.21	27	iPd	16	09.70	-5.1X
			i	17	39.90	
FCH	8.31	28	eP	16	11.00	-5.3X
PEL	8.34	25	iPd	16	10.50	-6.0X
			iS	17	43.00	
ROCH	8.40	23	iPc	16	11.70	-5.7X
			iS	17	43.20	
JACH	8.79	25	iPd	16	16.60	-6.2X
TCA	12.59	45	ePc	17	09.00	-5.6X
LPA	14.66	72	eP+	17	37.00	-4.6X
ANT	17.44	14	eP	18	15.00	-2.1
			eS	21	33.00	
SLA	17.84	29	ePd	18	25.70	3.3X
YJA	20.19	26	ePd	18	50.80	0.7

ITB7	23.31	54	e(P)	19	20.40	-0.4
ITB1	23.53	53	P	19	22.50	-0.3
ITB	23.53	54	eP	19	25.00	2.1
AAS	23.62	161	iPd-	19	25.00	1.6
	1.4s		530.00nm			5.9mb
Z	16s		5.10um			5.1MszX
			e	27	34.00	
ARE	24.40	8	iPd	19	32.70	0.9
CNC8	24.62	16	iP	19	35.50	1.3
LPB	24.87	16	P-	19	36.00	-0.4
			S	24	16.00	
			LR	29	24.00	
ZOBO	25.12	16	Pc	19	39.50	0.6
	1.2s		138.51nm			5.4mb
			S	24	22.00	
			LR	26	53.00	
NNA	28.72	356	eP	20	13.50	2.2
	1.2s		29.69nm			4.9mb
VAO	29.45	62	eP	20	18.00	0.0
			e	20	20.90	
			e	20	27.60	
RDJ	32.08	66	eP	20	42.40	1.5
BAO	34.26	51	Pc	20	58.40	-1.7
			i	21	02.30	
			i	21	07.80	
			i	21	11.60	
			i	21	19.30	
SOB1	43.56	53	eP	22	17.80	0.4
	0.9s		18.80nm			4.9mb
			e	22	21.20	
			e	22	27.10	
BOG	45.18	1	eP	22	31.50	0.7
			eS	29	13.00	
ITR	45.43	56	ePd	22	32.20	-0.3
	1.3s		41.60nm			5.2mb
			e	22	40.30	
CHN	45.51	359	iP	22	34.00	0.8
SPA	49.42	180	eP	23	03.60	0.2
	1.0s		90.00nm			5.8mb
CAR	51.55	10	eP	23	19.00	-0.9
SBA	55.98	193	iPd	23	52.20	0.4
	1.2s		51.56nm			5.4mb
MAW	67.35	164	eP	25	08.00	-0.3
DRV	69.60	194	eP	25	21.50	-0.7
CER	72.00	119	iPd	25	38.60	1.2
	1.0s		80.00nm			5.7mb
JCT	74.53	338	iP	25	51 00	-0.9
	1.3s		96.15nm			5.6mb
LTX	74.65	334	P	25	53.00	0.3
	1.0s		26.00nm			5.2mb
PRM	74.79	354	eP	25	52.20	-1.1
	1.0s		2.70nm			4.2mb X
TKL	76.48	353	P	26	01.60	-1.3
RSCP	76.62	351	eP	26	04.50	0.8
	1.2s		107.59nm			5.7mb
GFM	76.76	354	P	26	03.20	-1.4
MNG	76.81	227	P	26	05.00	0.1
BHO	77.00	343	eP	26	05.20	-0.5
			e	26	14.50	
NAV	77.89	355	P	26	09.60	-1.0
MSZ	77.96	220	P	26	11.00	-0.1
NA2	78.56	358	P	26	13.60	-0.6
TUL	78.67	343	eP	26	13.80	-1.1
	1.3s		163.80nm			5.9mb
Z	22s		0.31um			4.6Msz
			e	26	24.00	
OCO	78.69	341	eP	26	14.50	-0.6
RLO	78.75	344	ePc	26	14.50	-0.9
KIC	79.40	72	iPd	26	19.90	0.5
FVM	79.64	348	eP	26	19.20	-1.0
	1.3s		61.40nm			5.4mb
SWZ	79.93	117	eP	26	22.50	0.1
	1.5s		55.56nm			5.3mb
ALQ	80.73	334	ePd	26	26.00	-0.3
	1.0s		47.00nm			5.4mb
BFS	81.10	118	iPd	26	27.50	-1.0
	1.0s		120.00nm			5.9mb
GLA	82.16	327	eP	26	34.00	0.4
BAR	82.61	326	eP	26	37.00	1.1
SLR	82.87	118	iPd	26	37.40	-0.4
	1.3s		67.31nm			5.6mb
PLM	83.27	326	eP	26	40.00	0.5
RVR	84.04	326	eP	26	44.00	0.9
PAS	84.51	325	eP	26	47.00	1.5
MWC	84.53	325	eP	26	46.00	0.2
GOL	84.75	337	eP	26	47.00	0.1
	0.9s		6.44nm			4.8mb

GLD	84.75	337	eP	26	47.60	0.8
	1.0s		54.00nm			5.7mb
SBB	84.82	326	eP	26	47.00	-0.1
GSC	84.92	327	eP	26	49.00	1.4
RSNY	84.93	0	eP	26	49.30	2.0
	1.2s		44.14nm			5.5mb
CLC	85.69	326	eP	26	51.00	-0.4
OTT	85.78	359	eP	26	51.00	-0.5
MNT	85.89	1	eP	26	48.00	-4.1X
BUL	86.83	114	iPd	26	58.20	0.5
PRI	87.29	325	eP	27	01.00	1.7
FRI	87.58	326	eP	27	00.80	0.3
LLA	87.81	325	eP	27	02.80	1.1
MNA	88.16	327	iPd	27	04.00	0.5
			e	27	11.70	
EUR	88.19	329	iP	27	04.20	0.5
	0.5s		5.32nm			5.1mb
RSSD	88.46	339	eP	27	06.60	1.7
	1.0s		4.00nm			4.7mb
GCC	88.62	324	eP	27	06.40	0.9
JAS1	88.68	326	ePd	27	06.50	0.7
			i	27	15.80	
MHC	88.72	325	eP	27	07.30	1.1
			e	27	17.00	
BDW	88.85	335	eP	27	05.60	-1.2
	1.2s		23.77nm			5.4mb
BRK	89.43	324	eP	27	10.00	0.7
LHC	89.70	351	eP	27	09.50	-0.8
KRI	89.76	112	iPd	27	12.00	0.3
ORV	90.50	326	ePd	27	15.10	0.8
			i	27	24.30	
MTD	91.17	113	iPd	27	19.00	0.9
MIN	91.20	326	eP	27	17.20	-0.5
WDC	91.79	326	eP	27	19.80	-0.4
			e	27	29.10	
RSON	92.71	348	P	27	23.00	-1.2
8NG	95.52	89	iPc	27	39.70	1.6
	0.9s		36.00nm			5.8mb
			ic	31	30.10	
EDM	99.31	338	eP	27	52.00	-2.3
MOX	118.21	46	ePKP	32	59.50	-0.1
KHC	118.53	48	ePKP	32	59.20	-1.1
			e	34	16.50	
CLL	119.30	46	iPKP	33	01.40	-0.2
			i	33	10.20	
BRG	119.60	47	ePKP	33	01.60	-0.6
			e	33	11.40	
MBC	120.11	349	ePKP	33	02.00	-0.4
SPC	122.41	51	ePKP	33	07.70	-0.1
KRA	122.62	50	ePKP	33	07.80	-0.1
			e	33	17.80	
NB2	122.92	35	PKP	33	07.80	-0.4
	1.3s		15.70nm			
NUR	128.90	39	iPKP	33	19.00	-0.7
SUF	130.14	36	ePKP	33	20.00	-2.0
KJF	131.13	35	ePKP	33	23.00	-0.8
SOD	131.21	30	iPKP	33	23.00	-0.9
KEV	131.65	27	ePKP	33	24.00	-0.7
GBA	143.75	130	PKP	33	47.00	-1.5
	0.9s		47.60nm			
MHI	144.40	82	iPKPd	33	47.50	-1.7
	1.0s		92.00nm			
POO	145.28	120	iPKPc	33	51.00	-0.1
SNG	146.32	172	ePKP	33	53.00	0.1
HYB	147.41	128	ePKP	33	55.00	0.4
	1.1s		131.60nm			
			e	34	06.50	
QUE	147.46	97	ePKP	33	55.30	0.7
DDR	152.92	271	ePKP	34	09.40	6.9X
MAT	153.85	272	(PKP)	34	11.00	7.3X
NDI	154.26	109	ePKP	34	04.00	-0.5
DMN	158.98	122	PKP	34	10.70	-0.1
PKI	159.15	123	PKP	34	10.80	-0.3
	1.6s		36.00nm			
KKN	159.22	122	PKP	34	10.70	-0.3
	1.2s		33.00nm			
MDJ	161.57	290	ePKP	34	08.00	-4.6X
WMQ	166.80	71	PKP	34	17.00	-0.5
TIA	169.50	248	ePKP	34	18.30	-1.1
CD2	170.11	174	ePKP	34	20.50	0.5
XAN	172.61	206	ePKP	34	21.20	0.2
GTA	175.76	107	PKP	34	22.40	0.5

S.D. = 1.0 on 106 of 123 obs.

? JUN 14, 1985 14h 09m 30.69± 1.49s
23.615 S ±18.6km 69.807 W ±12.5km
DEPTH = 33.0km (normal)

14d 14h

NORTHERN CHILE (123)
Felt (II) at Antofogasto.

ANT	0.56	261	iPc	09	42.20	0.0
			iS	09	51.50	
YJA	4.22	71	ePd	10	34.80	0.0
CNCB	6.98	15	eP	11	13.00	-0.9
LPB	7.23	13	P	11	18.00	0.9
ZOBO	7.48	13	ePc	11	14.20	-6 6X
	0.3s		9 89nm			5.3mb

S.D. = 1.2 on 4 of 5 obs.

% JUN 14, 1985 16h 07m 26.96± 0.75s
60.716 N ± 5.7km 5.585 E ± 7.6km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.9 (BER).

ASK	0.30	220	iPg	07	33.30	0.0
			iSg	07	37.50	
SUE	0.53	311	iPg	07	37.60	-0.1
			eSg	07	44.50	
HYA	0.54	33	iPg	07	37.90	0.1
			eSg	07	45.30	
ODD	0.94	145	iPg	07	44.80	-0.1
			eSg	07	58.10	
KMY	1.52	187	iPnd	07	54.20	0.1
			eSn	08	14.50	

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

• JUN 14, 1985 16h 59m 45.83± 1.12s
3 207 S ±11.8km 145.773 E ±11.5km
DEPTH = 33.0km (normal)
4 2mb (1 obs.)
NEAR N COAST OF PAPUA NEW GUINEA(200)

MOM	2.00	55	eP	00	18.00	0.1
MDG	2.03	180	eP	00	20.00	1.6
WEW	2.17	261	eP	00	20.50	0.2
LAT	3.64	160	eP	00	42.00	0.8
PMG	6.31	168	eP	01	17.00	-2.1
WB2	20.02	213	eP	04	18.10	-0 8
WRA	20.03	213	Pd	04	19.20	0.2
	0.9s		11.50nm			4.2mb

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

• JUN 14, 1985 17h 19m 05.91± 0.85s
29.808 N ±11.8km 79.312 E ± 8.3km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
NORTHERN INDIA (308)

DDI	1.20	296	eP	19	28.00	1.4
			eS	19	45.00	
NDI	2.15	239	iPn	19	45.30	5.2X
			iSn	20	16.30	
DMN	5.54	112	Pn	20	29.40	0.9
KKN	5.61	110	Pn	20	29.60	0.2
PKI	5.80	111	Pn	20	32.40	0.2
QUE	10.73	275	eP	21	40 50	0.0
			eS	23	37.00	
POO	12.28	205	eP	22	03.00	1.6
HYB	12.35	183	eP	22	01.00	-1.4
GBA	16.22	187	P	22	52.00	-0.9
			S	25	44.00	
GBA	16.22	187	P	23	03.00	10.1X
	0.4s		2.60nm			
NB2	53.85	326	P	28	25.60	-2.1
	0.5s		0.70nm			3.9mb

S.D. = 1.5 on 9 of 11 obs.

• JUN 14, 1985 18h 16m 02.18± 1.02s
5.547 S ±12.6km 151.177 E ±11.3km
DEPTH = 33.0km (normal)
3.7mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	0.27	332	iPc	16	09.60	0.1
LAT	4.30	255	eP	17	11.00	4.1X
PAA	4.36	100	eP	17	08.00	0 1
LMG	4.49	222	iPd	17	09.10	-0.8
PMG	5.53	226	eP	17	26.00	1.6
WB2	21.74	227	eP	20	51.80	-1.0
WRA	21.75	227	Pd	20	56.90	4.0X
	0.7s		2.50nm			3.7mb

S.D. = 1.4 on 5 of 7 obs.

• JUN 14, 1985 19h 45m 22.53± 1.37s
36.227 N ±16.0km 24.403 E ±15.2km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
SOUTHERN GREECE (368)
ML 3.6 (ATH).

NPS	1.38	134	ePg	45	47.00	1.4
ATH	1.83	343	ePg	46	02.50	10.4X
			eSn	46	24.00	
			eSg	46	28.50	
IZM	3.15	46	iPn	46	29.90	19.0X
YER	3.25	73	ePn	46	10.60	-1.8
PRK	3.36	26	ePn	46	18.00	4.1X
VLS	3.61	304	ePn	46	16.00	-1.6
OUR	4.11	356	ePn	46	26.00	1.4
			eSn	47	13.90	
LIT	4.15	339	ePnd	46	25.30	0.1
			eSn	47	13.80	
KZN	4.57	334	ePn	46	32.00	0.8
GRG	4.98	342	ePn	46	15.50	-21.4X
KNT	5.07	347	ePn	46	16.60	-21.6X
VAY	5.28	345	ePn	46	42.40	1.2
HFS	24.90	347	(P)	50	42.00	-1.5
	0.3s		0.90nm			3.8mb

S.D = 1.7 on 8 of 13 obs.

JUN 14, 1985 19h 53m 37.82± 0.53s
29.149 S ± 4.7km 69.716 W ± 7.6km
DEPTH = 100.6 ± 7.3 km
5.0mb (7 obs.)
CHILE-ARGENTINA BORDER REGION (127)

RTLL	2.43	154	iPc	54	18.40	1.7
RTCB	2.46	161	iPc	54	19 10	1 9
CFA	2.76	153	iPc	54	23.50	2.3
			S	54	55.10	
RTCV	2.89	160	iPc	54	24.50	1.6
			S	54	49.20	
CYA	3.51	79	iPc	54	32.20	0.8
			S	55	11.00	
JACH	3.60	192	iPd	54	33.40	0.7
MDZ	3.80	169	iP	54	35.40	0.1
			iS	55	07.90	
ROCH	3.97	196	iPc	54	36.50	-1.4
PEL	4.07	192	iPc	54	38.20	-0.8
			i	55	12.40	
			i	55	19.10	
FCH	4.19	187	iPc	54	42.00	0.9
			i	55	20.00	
			i	55	31.40	
BACH	4.24	189	iPc	54	41.60	0.1
			i	55	19.00	
SAN	4.37	190	eP	54	42.50	-0.6
PCH	4.51	188	eP	54	44.50	-0.7
TACH	4.61	193	eP	54	45.00	-1.5
CHCH	4.84	189	iPd	54	48.60	-1.0
TCA	4.94	117	iPd	54	50.30	-0.8
			S	55	41.00	
LNV	5.01	196	iPc	54	50.00	-1.9
ANT	5.46	353	eP	54	55.50	-2.7
RFA	5.70	170	ePc	55	00.20	-1.5
			S	56	02.30	
SLA	5.79	42	ePd	55	03.80	0.8
YJA	7.92	30	ePc	55	32.00	-0.4
CNCB	12.38	8	eP	56	27.00	-5.4X
			i	56	39.80	
LPB	12.65	7	(P)	56	34.00	-1.6
			i	56	41.70	
ARE	12.73	352	eP	56	38.00	1.3
ZOBO	12.90	7	Pd	56	41.30	2.1
	1.0s		30.00nm			4.9mb
			LR	01	10.00	
NNA	18.32	337	eP	57	46.50	-0.5
VAO	21.31	79	eP	58	17.20	-0.9
			e	58	22.30	
			e	58	47.00	
			e	58	54.50	
BAO	24.12	61	e(P)	58	52.00	6.4X
SOB1	33.52	60	e(P)	00	07.00	-2.9
			e	00	13.20	
ITR	35.69	62	e(P)	00	27.00	-1.4
SPA	61.02	180	eP	03	43.00	0.2
	1.0s		14.00nm			4.9mb
			e	04	24 00	
JCT	65.87	332	iP	04	15.00	0.3
	1.1s		31.65nm			5.2mb
FVM	69.54	343	eP	04	36.80	-0.7
	1.0s		71.00nm			5.5mb
KIC	71.67	72	iP	04	50.00	-0.9
ALQ	72.57	329	eP	04	55.90	-0.1
	1.0s		7.75nm			4.5mb
			e	05	38.00	
GLA	75.20	322	eP	05	11.00	-0.1
BAR	75.93	321	eP	05	16.00	0.8
PLM	76.54	321	eP	05	20.00	1.2
TPC	76.66	322	eP	05	20.00	0.7
RVR	77.30	321	eP	05	24.00	1.3
MWC	77.85	321	eP	05	27.00	1.0
GSC	77.97	322	eP	05	28.00	1.5
SBB	78.07	321	eP	05	27.00	0.0
CLC	78.78	322	eP	05	32.00	1.1
ISA	79.14	321	eP	05	25.00	-7.9X
LHC	79.18	347	eP	05	32.50	-0.2
RSON	82.43	345	eP	05	49.10	-0.7
	1.0s		14.00nm			4.8mb
BNG	90.62	85	iPd	06	31.00	0.5
	0.4s		8.00nm			5.3mb
			id	07	02.30	
GBA	145.87	110	PKPd	13	06.90	0.0
	1.0s		33.70nm			
HYB	148.70	105	ePKP	13	15.50	4.1X

S.D. = 1.3 on 46 of 50 obs.

• JUN 14, 1985 20h 48m 29.95± 0.94s
17.024 N ±23.8km 95.050 W ±10.5km
DEPTH = 157.2 ± 12.7 km
4.3mb (2 obs.)
OAXACA, MEXICO (60)

VHO	1.62	278	iP	49	01.50	-0.4
			iS	49	23.00	
COM	2.90	105	iP	49	18.00	0.9
			iS	49	53.00	
PIO	3.01	258	iP	49	17.00	-1.3
			iS	49	50.00	
TPM	4.29	298	iP	49	35.00	0.0
			i	50	31.00	
IIP	4.34	303	iP	49	37.00	1.1
III	4.42	288	iP	49	36.50	-0.3
			i	50	17.00	
IIC	4.84	305	iP	49	41.50	-1.0
OXM	4.96	298	iP	49	45.00	0.9
PIM	6.63	282	iP	50	06.00	-0.2
			iS	51	20.00	
ALQ	20.55	332	eP	52	57.00	-1.0
	0.9s		5.88nm			4.0mb
GLA	23.93	316	eP	53	33.00	2.2
TPC	25.37	316	eP	53	46.00	1.7
PLM	25.49	314	eP	53	47.00	1.5
FFC	38.01	353	eP	55	33.00	-1.1
	0.6s		6.00nm			4.5mb
YKC	47.41	348	eP	56	49.00	-0.9
YKA	47.45	348	eP	56	49.60	-0.6
INK	56.71	344	eP	57	58.00	-1.0
MBC	60.58	354	eP	58	25.00	-0.6

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

? JUN 15, 1985 00h 16m 10.65± 6.57s
51.344 N ±39.8km 16.178 E ±43.3km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.4 (VKA).

KSP	0.51	172	iP	16	20.80	-0.1
	0.4s		82.00nm			
			iS	16	29.70	
BRG	1.48	252	iPg	16	36.80	-0.6
			iSg	16	57.30	
PRU	1.71	218	Pg	16	41.50	0.9
			eSn	16	57.50	
			Sg	17	03.50	
CLL	1.99	270	e(Pg)	16	45.00	0.3
			eSg	17	13.00	
KHC	2.77	218	Pn	16	55.50	-0.5
			Pg	17	01.40	
			Sn	17	28.50	
			Sg	17	40.00	
MOX	2.97	258	ePg	17	06.00	7.4X
			eSg	17	45.00	
VKA	3.08	178	iPgd	17	08,80	8.5X
			iSn	17	37.50	
			iSg	17	51.40	
ZST	3.21	169	eP	17	52.50	50.4X

GRF	3.57	244	e(Pg)	17 20.00	12.8X
			eSg	18 05.00	
S.D. = 0.8			on	5 of 9 obs.	

? JUN 15, 1985 00h 16m 1?.23± 9.29s
33.689 S ±14.5km 72.037 W ±76.8km
DEPTH = 33.0km (normol)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.58	117	iPc	16 22.10	-0.9
			iS	16 28.50	
TACH	0.92	88	iP	16 27.20	-0.6
			iS	16 39.50	
SAN	1.17	79	iPd	16 31.50	0.1
			iS	16 47.00	
CHCH	1.18	102	iPd	16 31.60	0.1
PEL	1.25	65	iPd	16 33.20	0.6
			iS	16 50.20	
BACH	1.33	76	iPd	16 34.50	0.7
FCH	1.50	77	iPd	16 37.00	0.5
			iS	16 57.70	
JACH	1.57	51	iP	16 37.50	0.2
MDZ	2.79	74	iP	17 01.70	7.1X
			iS	17 43.40	
RFA	3.15	111	eP	17 01.00	1.3
TCA	6.71	72	ePc	17 48.00	-2.1
			S	19 11.60	
S.D. = 1.1			on	10 of 11 obs.	

JUN 15, 1985 00h 40m 19.86± 0.29s
56.453 N ± 2.5km 12.028 E ± 3.5km
DEPTH = 33.0km (normol)
SWEDEN (536)
ML 4.4 (UPP). Felt in the Vorberg-Molmo-Kristionstod oreo. Felt also in parts of Denmark.

COP	0.80	163	iPd	40 37.00	2.3
			iS	40 48.00	
DEL	1.02	88	iPgc	40 37.30	-0.6
HAM	3.23	203	eP	41 29.40	20.0X
KONO	3.46	339	ePn	41 14.90	2.3
			iPg	41 23.30	
			iSn	42 00.10	
			iSg	42 06.30	
UDD	3.74	12	iPn	41 17.20	0.6
			iPg	41 24.30	
			iSg	42 11.60	
HFS	3.80	13	ePn	41 18.50	1.1
0.4s		23.80nm			
Z 10s		0.16um			
			LR	42 29.00	
BRL	4 06	169	eP	41 23.00	1.9
BRN	4 10	170	ePn	41 23.50	1.7
ODD	4.51	323	ePn	41 28.70	1.1
			eSn	42 17.00	
UPP	4.52	39	iPn	41 28.00	0.3
			iPg	41 38.90	
			iSn	42 18.60	
			iSg	42 35.00	
KMY	4.56	310	ePn	41 29.30	1.1
			eSn	42 18.90	
WIT	4.79	223	iPnd	41 38.00	6.5X
			e(Sg)	42 57.00	
CLL	5.19	173	iPnd	41 36.50	-0.7
			iPg	42 03.20	
			eSn	42 35.00	
BER	5.29	321	iPn	41 39.00	0.5
			eSn	42 35.80	
ASK	5.40	321	iPn	41 40.50	0.4
			eSn	42 39.30	
WTS	5.41	217	iPnc	41 45.00	4.7X
0.5s		22.00nm		4.9mb X	
			eSn	42 40.50	
HYA	5.62	330	iPn+	41 42.90	-0.2
BRG	5.71	168	iPn	41 42.80	-1.7
			i	41 51.50	
			i	42 00.00	
			i	42 27.50	
			i	42 47.00	
			i	43 40.00	
MOX	5.82	183	ePn	41 45.50	-0.7
			ePg	42 17.00	
			e	42 47.00	
SUE	5.97	324	iPn	41 47.60	-0.5
			eSn	42 54.90	
HOF	6.15	181	eP	41 49.70	-1.1

KSP	6.17	154	ePn	41 50.00	-1.0
1.0s		78.00nm		5.3mb X	
			iPg	42 12.50	
			eS	42 55.00	
BNS	6.21	210	iPn	41 54.00	2 5X
0.3s		100.00nm		6.0mb X	
			iSn	42 59.00	
			iSn	42 59.40	
PLH	6.27	212	iP	41 54.20	1.9
			eS	42 58.90	
TNS	6.60	200	ePn	41 58.00	0.9
			eSn	43 10.00	
MYV	6.61	9	iPn	41 57.20	0.0
			iSn	43 08.00	
STB	6.63	210	iPnc	41 58.30	0.8
			iSn	43 09.40	
GSH	6.64	213	iP	42 00.90	3.3X
			eS	43 07.20	
PRU	6.65	166	Pn	41 57.00	-0.8
			Sn	43 09.90	
ENN	6.75	215	iPnd	42 03.10	3.9X
0.6s		21.00nm		5.2mb X	
			eSn	43 11.50	
GRF	6.79	184	eP	41 59.00	-0.8
			e(S)	43 20.00	
BGG	6.86	206	iPn	42 01.90	1.3
			iSn	43 15.40	
MEN	6.87	214	Pn	42 03.10	2.4X
			e	42 06.50	
			Sn	43 14.80	
WET	7.34	176	eP	42 08.40	1.0
KHC	7.40	172	Pn	42 07.90	-0.3
			Sg	43 30.40	
WLF	7.66	210	Pn	42 15.50	3.6X
			Sn	43 35.30	
NUR	7.76	53	iP	42 11.00	-2.3X
0.5s		22.50nm		5.5mb X	
			iSg	44 16.00	
			iS	00 32.00	
DOU	7.77	218	Pn	42 14.20	0.8
			i	42 18.00	
			e	42 39.50	
			Sn	43 37.00	
KRA	7.97	140	eP	42 13.60	-2.6X
			e	42 21.60	
			i	43 39.60	
BUH	8.13	198	eP	42 18.50	0.1
ESY	8.19	272	ePn	42 19.10	-0.1
			eSn	43 43.30	
EDU	8.33	277	ePn	42 20.90	-0.2
			eSn	43 46.00	
UME	8.44	26	iPn	42 20.90	-1.7
			i	42 25.70	
			iSn	43 52.50	
			iSg	44 35.00	
EBL	8.45	272	ePn	42 22.80	-0.1
			eSn	43 50.70	
EDI	8.50	273	ePn	42 23.70	0.1
			eSn	43 53.40	
CDF	8.56	202	Pn	42 24.60	0.1
			Sn	43 56.60	
VKA	8.61	160	iPnd	42 24.10	-1.0
			i	42 28.70	
			i	43 05.30	
			iSn	44 02.20	
			i	45 06.00	
EBH	8.63	275	ePnc	42 23.70	-1.7
ESK	8.64	269	eP	42 25.00	-0.5
1.0s		280.00nm		6.4mb X	
ELO	8.72	277	ePn	42 26.10	-0.5
SPC	8.81	142	e(Pn)	42 26.90	-1.1
EAB	9.10	275	ePnc	42 30.30	-1.5
			eSn	44 05.20	
HAU	9.15	205	Pn	42 31.80	-0.7
			Sn	44 08.40	
JOS	9.51	143	ePn	42 36.30	-1.1
SUF	9.51	43	iP	42 34.50	-3.0X
0.5s		33.00nm		5.8mb X	
LOR	10.49	212	Pn	42 50.90	0.0
			Sn	44 39.50	
GRC	10.70	215	eP	42 54.40	0.6
				45 29.70	
LBF	10.71	211	Pn	42 53.40	-0.5
			Sn	44 45.20	
SSF	10.78	213	Pn	42 54.40	-0.4
			Sn	44 47.30	
FLN	10.81	230	Pn	42 53.80	-1.5

			Sn	44 48.40	
KJF	10.96	38	iP	42 53.00	-4.3X
0.5s		21.10nm		5.6mb X	
			iS	44 48.00	
			iSg	45 56.00	
SMF	11.06	211	Pn	42 58.60	0.0
			Sn	44 54.60	
AVF	11.07	213	Pn	42 59 60	0.8
			Sn	44 55 80	
DLE	11.15	261	eP	42 58 90	-1 0
			eS	44 56.40	
GRR	11.26	230	Pn	42 59.80	-1.6
			Sn	44 59.00	
BGF	11.43	214	Pn	43 03.40	-0.3
			Sn	45 00.70	
DCN	11.53	262	eP	43 04.40	-0.7
			eS	45 06.20	
MZF	11.82	214	Pn	43 10.80	1.8
			Sn	45 14.90	
TCF	11.87	215	Pn	43 10.50	0.8
			Sn	45 13.50	
LSF	12.13	217	Pn	43 15.50	2.4X
			Sn	45 20.30	
MFF	12.42	223	Pn	43 17.60	0.6
			Sn	45 28.70	
SOD	12.88	26	iP	43 19.00	-4.1X
			iS	45 33.50	
			iSg	47 04.50	
CAF	13.14	213	Pn	43 29.00	2.4X
CLI	13.70	130	eP	43 35.00	1.1
VRI	14.01	133	eP	43 33.00	-5.0X
KEV	14.90	20	iP	43 48.50	-0.9
			iS	46 26.50	
			iSg	48 06.00	
S.D. = 1.1			on	60 of 76 obs.	

JUN 15, 1985 00h 57m 00.79± 0.08s
49.889 N ± 2.1km 78.881 E ± 1.7km
DEPTH = 0.0km (geophysicist)
6.0mb (130 obs.) 4.4Msz (2 obs.)
EASTERN KAZAKH SSR (329)
Underground nucleor explosion (Dept. of Energy press releose N85-026).

WMO	8.56	132	iPc	59 08.50	-0.4
KSH	10.63	192	eP	59 38.00	0.4
GTA	18.15	117	P	01 15.80	-0.1
MHI	19.54	233	eP	01 30.00	-2.9
0.8s		343.28nm		5.7mb	
			eS	04 58.00	
NDI	21.22	184	iPc	01 49.50	-0.8
KHI	21.66	231	iP+	01 56.10	1.1
LSA	22.20	151	Pc	02 00.90	0.1
			S	06 03.00	
KKN	22.61	165	iPc	02 04.90	0.4
LZH	22.75	118	Pd	02 07.00	1.1
2.0s		1630.00nm		6.2mb	
E 11s		1.30um			
			Lg	09 15.50	
			e	09 47.00	
DMN	22.75	166	iPc	02 06.70	0.6
PKI	22.84	165	iPc	02 07.50	0.5
BTO	23.66	101	Pc	02 15.50	0.9
HHC	24.51	99	eP	02 22.80	-0.1
TAB	26.03	255	eP	02 39.50	2.2
SHL	26.29	153	iP	02 39.00	-0.9
			eS	07 54.00	
CD2	26.60	126	iPc	02 44.00	1.5
TIY	26.87	104	Pc	02 45.80	0.8
XAN	27.14	114	iPc	02 47.80	0.3
BJI	27.90	96	Pc	02 55.00	0.8
			ePP	03 37.00	
			Lg	11 47.00	
SHI	28.38	234	eP	02 59.00	0.1
MSL	29.06	256	ePd	03 06.00	1.3
KJF	30.32	318	iPc	03 14.00	-1.7
0.5s		74.40nm		5.8mb	
TIA	30.75	102	Pc	03 20.50	0.7
			PcP	06 16.60	
KMI	30.88	134	Pc	03 21.50	0.2
SUF	30.98	315	iP	03 20.70	-0.8
0.5s		173.40nm		6.2mb	
SOD	31.08	324	iP	03 21.00	-1.3
BOM	31.30	191	iPd	03 24.00	-0.7
KEV	31.35	328	iPc	03 23.50	-1.2
0.5s		266.70nm		6.4mb	

15d 01h

POO 31.54 189 iPc 03 27.00 0 1
0.8s 59.70nm 5 6mb
GYA 31.68 127 Pc 03 28.60 0.4
SNY 31.75 87 eP 03 28.00 -0.5
NUR 31.81 310 iPc 03 27.80 -1.0
0.5s 912.20nm 7.0mb
CN2 32.00 83 iPc 03 30.00 -0.7
ePP 04 37.00
PPP 04 51 80
iPcP 06 19.00
eS 08 40.00
DL2 32.05 94 P 03 31.10 0.0
HYB 32.39 181 iPc 03 33.50 -0.9
1 0s 350.00nm 6.2mb
iPcP 06 21.50
WHN 32 85 113 iPc 03 38.60 0.4
PcP 06 22.00
RTB 32 97 254 iPd 03 41.00 1.8
e 06 23.00
PPE 33.92 284 iPd 03 46.30 -1.0
CLI 33.98 285 iPc 03 48.00 0.0
CFR 34.03 282 iPc 03 48.00 -0.3
MDJ 34.28 79 iPc 03 49.80 -0.7
TLB 34.38 281 iPc 03 51.50 0.2
NJ2 34.54 106 Pc 03 53.00 0.1
PcP 06 27.00
VRI 34 63 284 iPc 03 54.00 0.5
CHG 34.92 145 iPc 03 56.20 0.0
0.5s 123.24nm 6.0mb
ePcP 06 28.20
GPA 35.05 273 iPd 03 57.60 0.4
ISR 35.07 283 iPc 03 59.00 1.7
HNM 35.26 287 ePd 03 59.00 -0.1
MLR 35.29 284 iPc 04 00.00 0.7
BHL 35.37 260 PKPc 04 01.00 0.9
UPP 35.37 310 iPc 03 59.20 -0.5
ISK 35.45 275 iP 04 00.50 0.0
HRI 35.73 259 iP 04 03.50 0 4
CTT 35.81 276 iP 04 03.50 -0.1
CGN 35.86 282 iPc 04 04.00 0.0
CMP 35.96 284 iPd 04 06.00 1.2
CSS 36.19 263 eP 04 07.50 0.6
GBA 36.20 182 Pc 04 06.20 -0.9
0.7s 255.10nm 6.1mb
JMB 36.32 279 eP 04 05.00 -2.9
KCT 36.34 274 iP 04 08.50 0.4
BCK 36.45 269 iP 04 09.00 -0.2
DST 36.51 273 iPc 04 10.00 0.4
EDC 36.60 275 iP 04 11.00 0.7
SSE 36.65 105 ePKP 04 11.00 0.3
1.2s 154.00nm 5.6mb
MFT 36.74 276 eP 04 12.50 0.9
ZNT 36.85 258 iP 04 12.50 0.0
KGT 36.91 275 iP 04 12.50 -0.3
DEV 37.01 286 ePd 04 15.00 1.4
KRA 37.04 294 iPc 04 13.60 -0.3
0.8s 535.00nm 6.3mb
Z 12s 2.50um 5.2MszX
N 12s 1.40um
E 12s 1.90um
i 04 17.10
i 04 20.10
JER 37.06 257 iPc 04 12.50 -1.8
KBS 37 13 343 iP+ 04 12.00 -2.3
DIM 37.17 279 eP 04 16.00 1.0
SPC 37.21 292 iPc 04 16.80 1.3
i(PP) 05 26 50
HFS 37.24 311 iPc 04 14 70 -0.7
0.6s 2491.90nm 7.1mb X
Z 11s 0.67um 4.7MszX
LR 19 10.00
LOE 37.26 142 eP 04 15.00 -1.0
JOS 37.32 291 iPc 04 17.10 0.9
0.9s 249.50nm 5.9mb
PLD 37.71 279 iPc 04 19.00 -0.5
EZN 37.88 275 iP 04 20.70 -0.2
GZH 37.96 122 iPc 04 22.50 0.7
IZM 38.07 273 iP 04 22.90 0.2
YER 38.14 270 iP 04 22.70 -0.6
NB2 38.20 313 P 04 22.40 -1.1
0.6s 803.30nm 6.6mb
PRK 38.23 274 iPc 04 24.30 0.4
NST 38.24 146 iPc 04 21.30 -2.9
VTS 38.41 281 iPc 04 26.00 0.6
KHT 38.52 148 ePc 04 27.20 0.6
ePcP 06 40.00
MMB 38.60 279 iPc 04 27.00 -0.1
KSP 38.87 296 iPc 04 29.70 0.5
0.8s 273.00nm 5.9mb
SRS 38.93 279 iPc 04 30.50 0.6
eS 06 02.50
SRO 38.96 291 iPc 04 31.10 1.1
0.8s 431.00nm 6.1mb
i 05 59.80
HKC 39.04 122 iP 04 32.00 1.1
COP 39.20 305 iPc 04 31.00 -0.9
0.6s 240.00nm 6.0mb
KNT 39.35 279 ePc 04 34.00 0.6
eS 06 08.00
KONO 39.36 311 iP+ 04 32.90 -0.3
OIZ 39.48 130 iPc 04 35.10 0.5
VAY 39.48 280 iPc 04 35.20 0.8
ZST 39.52 292 iPc 04 35.80 1.2
i(PP) 06 01.20
KOD 39.55 182 iP 04 35.50 0.0
THE 39.59 279 ePc 04 35.50 0.2
eS 06 04.00
SKO 39.85 281 iPc 04 37.50 0.0
0.8s 50.00nm 5.2mb
Z 10s 0.47um 4.6MszX
N 11s 0.44um
E 10s 0.47um
BRL 39.93 300 iPc 04 39.00 1.1
VKA 39.95 293 iPc 04 39.40 1.1
1.9s 539.00nm 5.9mb
BRN 40.00 300 iPc 04 39.50 1.0
SOP 40.07 292 iPc 04 40.30 1.1
BRG 40.21 297 iPc 04 40.00 -0.3
1.0s 170.00nm 5.7mb
i 04 53.50
PRU 40.25 296 iPc 04 41.10 0.5
1.1s 131.50nm 5.5mb
Z 14s 0.90um 4.8MszX
N 14s 0.40um
E 14s 0.80um
PP 06 14.00
HYA 40.51 315 iP+ 04 42.00 -0.6
KZN 40.54 279 eP 04 43.50 0.3
CLL 40.57 298 iPc 04 42.90 -0.3
0.9s 390.00nm 6.1mb
i 06 14.00
ATH 40.60 275 iPc 04 44.00 0.4
ODD 40.67 313 eP 04 43.90 -0.1
OHR 40.72 281 eP 04 38.80 -5.9X
NPS 40.99 270 iPc 04 46.00 -0.9
BER 41.16 314 IP+ 04 47.70 -0.2
KHC 41.19 295 iPc 04 49.10 0.7
1.0s 254.50nm 5.9mb
e 06 20.50
ASK 41.19 314 iP 04 47.70 -0.5
SUE 41.20 315 iP+ 04 47.70 -0.5
KMR 41.35 293 iP+ 04 50.20 0.5
HAM 41.39 302 iPc 04 51.80 1.9
WET 41.59 295 iPc 04 52.50 0.8
KMY 41.60 312 iP 04 51.10 -0.5
HOF 41.64 297 iPc 04 52.70 0.6
0.7s 204.00nm 6.0mb
MOX 41.65 298 iPc 04 53.00 0.9
1.0s 323.00nm 6.0mb
Z 12s 0.60um 4.7MszX
E 12s 0.50um
i 06 23.50
i 06 31.00
LJU 42.08 290 iPc 04 56.00 0.3
ePP 06 32.40
BHG 42.25 293 iPc 04 58.10 1.0
1.0s 295.00nm 6.0mb
KBA 42.29 292 iPc 04 58.20 0.6
0.7s 152.00nm 5.8mb
i 05 00.30
iPP 06 36.10
GRF 42.30 297 iPc 04 58.50 1.0
1.1s 280.00nm 5.9mb
Z 18s 0.40um 4.3Msz
SAP 42.43 74 eP 04 58.00 -0.6
VOY 42.47 291 iPc 04 58.20 -0.8
ePP 06 34.80
VLS 42.49 277 iPc 04 58.00 -1.2
TRI 42.71 290 iP 04 59.50 -1.3
FUR 42.99 295 iPc 05 04.30 1.1
0.8s 376.00nm 6.2mb
WIT 43.45 303 iPc 05 07.70 1.0
ePP 06 46.00
e 06 51.00
GAP 43.45 294 iPc 05 07.70 0.8
0.7s 122.00nm 5.8mb
WTS 43.74 302 iPc 05 09.30 0.2
0.6s 112.00nm 5.8mb
ePP 06 52.50
DAG 43.75 341 iPd 05 07.90 -1.1
0.5s 32.39nm 5.4mb
i 06 55.00
STU 43.91 297 iPc 05 11.00 0.4
0.9s 184.87nm 5.9mb
KOE 43.95 299 iPc 05 11.50 0.6
0.8s *******nm 8.6mb X
BNS 44.01 300 iPc 05 11.50 0.1
1.2s 145.00nm 5.7mb
MAT 44.12 84 eP 05 10.00 -2.5
0.7s 39.73nm 5.4mb
(S) 13 24.00
PLH 44.19 300 ePc 05 13.10 0.4
BGG 44.28 299 iPc 05 13.90 0.4
0.7s 80.00nm 5.7mb
OSS 44.39 293 iP+ 05 15.10 0.4
BUH 44.51 297 iPc 05 15.40 -0.2
GSH 44.57 300 ePc 05 16.10 0.2
SAX 44.57 295 iP+ 05 16.60 0.3
KLL 44.65 300 iPc 05 16.50 0.0
GWF 44.71 298 iPc 05 16.80 -0.3
ENN 44.80 301 iPc 05 17.90 0.1
0.9s 108.00nm 5.8mb
ePcP 07 03.00
SLE 44.81 296 iP+ 05 17.80 -0.2
MEM 44.83 300 Pc 05 17.80 -0.2
e 07 00.80
VDL 44.89 294 iP+ 05 19.00 0.2
LLS 44.97 294 iP+ 05 19.20 -0.3
ZUL 45.02 295 iP+ 05 19.60 0.0
DDR 45.09 84 eP 05 19.70 -0.6
CDF 45.19 297 iPc 05 20.60 -0.5
0.9s 60.20nm 5.5mb
WLF 45.21 299 iPc 05 21.40 0.4
e 07 08.20
FIR 45.24 289 iPc 05 22.00 0.7
iPP 07 10.00
SRY 45.37 85 eP 05 21.40 -1.1
OYM 45.47 85 eP 05 22.10 -1.3
TSK 45.55 83 eP 05 22.40 -1.5
UCC 45.66 301 Pc+ 05 24.50 -0.1
e 07 10.20
BSF 45.77 297 iPc 05 25.20 -0.4
0.6s 122.50nm 6.1mb
DOU 45.87 300 Pc 05 26.30 0.0
0.8s 133.30nm 6.0mb
PcP 07 03.00
HAU 45.94 297 iPc 05 26.50 -0.3
0.6s 143.70nm 6.2mb
MMK 46.01 294 iP+ 05 27.10 -0.6
KYS 46.19 84 eP 05 19.70 -9.3X
SNG 46.30 149 eP 05 30.50 0.5
i 07 05.50
DIX 46.32 294 iP+ 05 29.90 -0.3
BSI 46.36 157 iP 05 28.50 -1.9
ALE 46.40 353 iPc 05 30.20 0.1
0.5s 42.00nm 5.8mb
EMS 46.61 294 iP+ 05 31.90 -0.5
EDU 46.72 311 iPc 05 32.20 -0.7
0.8s 418.00nm 6.6mb
ESY 46.83 310 iPc 05 32.90 -0.9
0.8s 243.00nm 6.4mb
LPG 47.02 294 iPc 05 36.00 0.2
ELO 47.10 311 iPc 05 35.00 -0.9
0.8s 246.00nm 6.4mb
EBH 47.11 311 iPc 05 35.10 -0.9
0.8s 149.00nm 6.2mb
EDI 47.11 310 iPc 05 35.00 -0.9
0.8s 89.00nm 5.9mb
EBL 47.11 310 iPc 05 35.30 -0.7
0.7s 124.00nm 6.1mb
EAU 47.28 310 iPc 05 36.60 -0.7
0.7s 190.00nm 6.3mb
BAG 47.34 120 eP 05 38.90 0.5
CVF 47.36 289 iPc 05 38.00 -0.2
0.6s 77.50nm 6.0mb
EKA 47.39 310 Pc 05 37.30 -0.9
0.8s 170.40nm 6.2mb
ESK 47.42 310 eP 05 37.50 -0.9
FOUF 47.53 293 P 05 39.30 -0.1
EAB 47.54 311 iPc 05 38.30 -1.1
0.8s 74.00nm 5.9mb

15d 01h

LOR	47.76	297	iPc	05	40.10	-1.1	IMA	57.59	23	eP	06	53.70	-0.7	SKLY	83.64	341	P	09	32.30	0.2
	0.5s	68.30nm			6.0mb			0.9s	541.70nm			6.6mb		MEK	83.92	145	iPc	09	33.00	-0.7
OBO	47.77	230	eP+	05	42.50	0.9	CRT	58.22	291	iPc	06	58.30	-0.8		0.5s	88.00nm			6.2mb	
LBF	47.84	297	iPc	05	40.60	-1.3	MAL	59.02	291	iP	07	03.00	-1.5	COR	83.94	16	iPc	09	35.00	1.3
	0 5s	46.60nm			5.9mb		TAF	59.07	289	iP	07	06.00	0.9	LRM	84.16	8	eP	09	34.80	-0.3
SSF	48.07	297	iPc	05	42.50	-1.2	TTA	59.47	26	eP	07	07.00	-0.5	WB2	85.05	129	iPc	09	39.20	-0.2
	0.5s	58.00nm			6.0mb		INK	59.69	13	iPc	07	07.90	-0.9	MRWA	85.38	148	iPc	09	40.50	-0.4
SMF	48.10	297	iPc	05	42.80	-1.2		0.5s	77.00nm			6.1mb			0.5s	49.00nm			6.0mb	
	0.5s	39.80nm			5.8mb		FBA	59.97	21	P	07	10.00	-0.8	ELF	85.69	346	P	09	44.45	1 9
TDD	48.12	231	eP+	05	45.50	1.1	ADK	60.10	44	eP	07	11.10	-0.7	LDN	85.82	345	P	09	43 40	6 3
FRF	48.15	292	iPc	05	43.70	-0.7	LIS	60.50	296	iPc	07	14.50	-0.2	WVLY	85.92	343	P	09	44 20	6 5
	0.6s	218.40nm			6.4mb		NAI	62.41	229	iPc	07	30.00	1.9	DLA	86.06	346	P	09	42.90	-1 4
GRC	48.19	298	iPc	05	43.80	-0.8		0.8s	93.28nm			6.1mb		HPI	86.20	9	P	09	45.80	0.4
AVF	48.30	297	iPc	05	44.50	-1.0	PMR	62.43	24	eP	07	25.60	-1.8	IMW	86.20	7	P	09	46.40	1.6
	0.6s	42.20nm			5.7mb			0.9s	500.00nm			6.7mb		PAA	86.23	104	eP	09	46.00	0.4
LMR	48.36	291	iPc	05	45.60	-0 4	AVE	63.15	290	iPc	07	31.80	-0.8	TBR	86.32	340	P	09	45.50	-0.1
	0.7s	111.90nm			6.1mb		FRB	63.85	345	iPc	07	35.60	-1.2	RSSD	86.34	2	P	09	46.60	0.6
LRG	48.38	292	iPc	05	45.90	-0.2		0.4s	125.00nm			6.5mb			0.7s	183.78nm			6.4mb	
	0.6s	56.30nm			5.8mb		GUMO	64.28	100	eP	07	38.50	-1.7	TMI	86.71	8	P	09	48.50	0.7
ARO	48.39	230	iP+	05	47.50	1.0	PJG	64.28	100	eP	07	38.30	-1.9	WBN	86.72	138	iPc	09	47.80	0.2
DAF	48.48	231	eP	05	48.40	1.2	GUA	64.34	100	eP	07	37.90	-2.7		0.5s	50.00nm			6.0mb	
HLD	48.54	231	eP	05	48.80	1.2		0.7s	87.67nm			6.1mb		BAL	86.90	148	iPc	09	47.90	-0.4
AKU	48.58	327	iPc	05	48.50	1.2	TRT	64.44	142	iPc	07	40.40	-0.7		0.6s	47.00nm			5.9mb	
	0.7s	213.70nm			6.3mb			0.5s	218.60nm			6.6mb		LMHM	87.15	15	P	09	50.80	0.8
		i		07	13.90		KDC	64.71	28	P	07	41.70	-0.7	BDW	87.42	6	eP	09	51.30	0.0
CDR	48.61	292	ePc	05	47.40	-0.5	YKA	67.45	7	eP	07	59.40	-0.5		0.8s	24.53nm			5.5mb	
		i		05	47.80		RSNT	67.47	7	P	07	59.20	-0.8	FHC	87.48	17	ePc	09	52.90	1.6
		i		05	55.60		YKC	67.48	7	iPc	07	59.20	-0.8	JOZ	87.49	220	iPd	09	55.20	3.9X
		i		06	07.00			1.0s	459.00nm			6.7mb			1.0s	86.00nm			6.0mb	
		i		07	13.30		8NG	67.81	249	iPc	08	01.90	-0.9	UTO	87.54	347	ePd	09	52.10	0.6
		i		07	24.70			0.2s	236.00nm			7.1mb	X	SLR	87.65	224	iPc	09	52.00	-0.3
		i		07	37.90					ic	10	32.00			0.9s	46.22nm			5.8mb	
BGF	48.72	297	iPc	05	47.80	-0.9				id	12	33.00		ASPA	87.96	131	iPc	09	54.10	0.4
	0.6s	49.30nm			5.7mb		SIT	69.73	19	eP	08	14.60	0.6	WDC	87.96	16	iPc	09	54.00	0.4
IPM	48.88	150	iPc	05	50.50	0.3	SCH	71.77	340	ePc	08	25.00	-1.5	MUN	87.98	149	iPc	09	53.30	-0.2
	0 9s	343.30nm			6.4mb			0.8s	226.00nm			6.4mb			0.7s	150.00nm			6.4mb	
		i		07	15.00		AVY	73.85	211	iPc	08	38.40	-0.8	KLB	88.16	148	iPc	09	54.10	-0.3
MZF	49 06	297	iPc	05	51.00	-0.4	STJ	74.32	328	eP	08	40.50	-0.9		0.6s	72.00nm			6.2mb	
	0.6s	115.50nm			6.1mb			0.5s	83.00nm			6.0mb		MIN	88.36	16	iPc	09	55.90	0.2
PYM	49.08	296	iPc	05	51.50	-0.1	FFC	75.76	1	iPc	08	49.10	-0.5	ISO	88.37	125	iPc	09	55.40	-0.3
TSI	49.14	154	e(P)	05	51.00	-1.2		0.6s	289.00nm			6.6mb			0.5s	146.00nm			6.5mb	
TCF	49.24	297	iPc	05	52.00	-0.7	EDM	76.75	8	iPc	08	55.10	-0,2	KLG	88.77	144	eP	09	57.00	-0.3
	0.6s	59.80nm			5.8mb			0.6s	253.00nm			6.5mb		BMN	88.95	12	P	09	59.90	1.3
LDF	49.29	301	iPc	05	52.20	-0.8	MTN	77.42	128	eP	08	58.00	-1.4	ORV	89.14	16	iPc	09	59.40	0.1
	0.6s	214.10nm			6.3mb			0.5s	45 00nm			5.9mb		NWAO	89.20	149	iPc	09	59.40	0.1
FLN	49.40	301	iPc	05	53.10	-0.8	KNA	78.72	131	iPc	09	06.90	0.4		0.4s	50.00nm			6.1mb	
	0.5s	239.10nm			6.4mb			0.6s	123.00nm			6.1mb		BFS	89.33	225	iPc	09	58.50	-1.8
LSF	49.65	297	iPc	05	54.70	-1.2	NAU	79.09	146	iPc	09	09.20	0.8		0.7s	80.82nm			6.1mb	
	0.6s	59.80nm			5.7mb			0.5s	70.00nm			5.9mb		DAU	89.64	8	P	10	03.50	1.5
RR	49.81	301	iPc	05	56.10	-0.9	KRI	79.35	228	iPc	09	09.00	-1.1	NWRM	89.96	17	P	10	04.20	1.1
	0.6s	112.70nm			6.0mb		RSON	79.43	355	P	09	09.30	-0.7	NA2	89.96	342	P	10	02.90	-0.2
AF	50.09	296	iPc	05	59.20	-0.1		0.8s	239.44nm			6.2mb		EUR	90.05	11	iP	10	04.80	0.9
	0.7s	103.30nm			5.9mb		MBL	79.50	142	eP	09	10.00	-0.6	RKG	90.17	149	iPc	10	06.50	2.7
LPF	50.11	301	iPc	05	58.50	-0.8	SES	79.73	6	iPc	09	11.30	-0.4		0.5s	107.00nm			6.3mb	
	0.5s	170.80nm			6.2mb		PNT	79.91	12	iPc	09	12.50	-0.1	SEK	90.18	223	iPd	10	02.70	-1.5
DLE	50.14	309	iPc	05	58.70	-0.8		0.8s	139.00nm			5.9mb		SWZ	90.24	226	iPc	10	04.00	-0.6
	1.0s	640.00nm			6.5mb		PGC	79.98	15	eP	09	13.00	0.1		0.4s	42.37nm			6.0mb	
RJF	50.20	296	iPc	05	59.80	-0.3		0.7s	44.00nm			5.5mb		CVL	90.25	342	P	10	04.80	0.3
	0.6s	93.00nm			5.9mb		MCW	80.05	14	P	09	13.80	0.4	BRK	90.64	17	eP	10	06.90	0.6
MFF	50.41	299	iPc	06	01.00	-0.7	HNME	80.11	337	P	09	14.00	0.3	BKS	90.64	17	eP	10	07.50	1 2
	0.5s	170.80nm			6.2mb		YKM	80.83	10	iPc	09	17.00	-0.7		0.9s	109.00nm			6.1mb	
DCN	50.48	309	iPc	06	01.40	-0.7	RXF	80.89	9	iPc	09	17.00	-1.0	GLD	90.67	3	P	10	07.30	0 7
LPO	50.74	296	iPc	06	04.20	0.0	KIC	81.06	269	iPc	09	19.30	0.0	GOL	90.71	3	P	10	07.40	0.4
	0.6s	259.30nm			6.3mb					e	27	55.30			0.8s	50.60nm			5.9mb	
REY	50.78	326	iPc	06	05.20	1.0	GMW	81.15	15	P	09	20.00	0.7	MNA	90.78	13	iPc	10	08.30	1.1
LFF	50.86	296	iPc	06	05.00	-0.1	MIM	81.22	338	P	09	20.00	0.4	JAS1	90.91	15	iPc	10	08.50	0.9
	0.6s	126.80nm			6.0mb		NEW	81.26	11	iPc	09	19.80	0.0	MHC	91.27	16	ePc	10	10.40	1.0
MLS	51.82	294	iP	06	11.60	-0.8		0.8s	46.00nm			5.6mb		ARN	91.28	16	P	10	10.50	1.2
KGM	52.04	148	iPc	06	14.80	0.5	LAT	81.28	111	eP	09	19.00	-1.3	NAV	91.33	344	P	10	09.20	-0.3
	0.9s	418.00nm			6.4mb		LDM	81.28	10	iPc	09	19.50	-0.4	BLA	91.36	344	P	10	09.50	-0.2
		e		07	25.90		EMM	81.31	336	P	09	20.30	0.3	GCC	91.51	17	eP	10	11.30	1.0
EPF	52.21	295	iPc	06	14.20	-1.2	LHD	81.45	10	iPc	09	20.30	-0.6	CTA	91.52	120	iPc	10	10.00	-0.4
	0.6s	160.60nm			6.1mb		CLX	81.54	9	iPc	09	21.00	-0.5		0.9s	62.18nm			5.9mb	
VAL	52.77	309	iP	06	18.40	-1.0	LHC	81.54	352	iPc	09	21 10	-0.1	SLD	91.60	16	P	10	12.30	1.5
BRW	52.83	20	eP	06	19.50	-0.1		0.7s	224.00nm			6.4mb		SAO	91.87	16	eP	10	12.90	0.9
PPI	53.44	153	eP	06	17.40	-7.3X	MNT	82.03	341	iPc	09	23.70	-0.1	FRI	91.95	15	iPc	10	13.30	1.0
EBR	53.46	292	eP	06	25.00	0.4		1.0s	106.00nm			5.9mb		FVM	92.00	352	P	10	12.70	0.2
MBC	53.60	5	iPc	06	24.90	-0.3	LON	82.09	14	P	09	24.80	0.6	LLA	92.10	16	eP	10	14.40	1.3
	0.5s	284.00nm			6.5mb		BFW	82.11	15	P	09	25.40	1.1	PRS	92.30	16	ePc	10	15.00	1.0
KKM	53.75	132	ePc	06	27.60	0.5	OTT	82.56	342	iPc	09	26.80	0.2	ELC	92.57	351	P	10	15.60	0.4
	0.8s	126.10nm			6.0mb			0.7s	143.00nm			6.3mb		PRI	92.61	16	eP	10	16.80	1.2
LGR	54.22	296	iPd	06	30.00	-0.3	SHW	82.56	15	P	09	28.00	1.2	GFM	92.68	344	P	10	16.00	0.0
	0.8s	0.30nm			3.4mb	X	8UL	82.68	227	iPc	09	27.80	0.2	RMU	92.97	8	eP	10	18.20	0.9
SMY	55.28	47	eP	06	36.10	-1.7	RSNY	83.13	341	P	09	30.10	0.5		0.7s	5.00nm			5.1mb	
TOL	56.75	294	iPc	06	47.50	-1.1	MFW	83.42	12	P	09	31.00	0.0	WKTM	93.32	14	P	10	19.20	0.4
	1.0s	10.00nm			4.8mb	X	PMG	83.55	113	iPc	09	33.10	1.1	CLC	93.43	13	eP	10	20.00	0.7
		i		08	51.00			0.8s	149.25nm			6.3mb		ISA	93.44	14	eP	10	20.00	0.7

15d 01h

TKL	93 45 346 P	10 19.00	-0.3		
ACO	93.77 358 ePc	10 21.20	0.4		
	0.9s 10.30nm	5.2mb			
RSCP	93.78 347 P	10 20.00	-0.8		
POW	93 88 352 P	10 21 00	-0.2		
GSC	94 05 13 eP	10 23.00	0.8		
RLO	94.15 355 iPc	10 22.60	0.1		
JSC	94 37 344 P	10 23.50	0.0		
TUL	94.44 356 iPc	10 24 20	0 4		
	1.2s 132 10nm	6 2mb			
	Z 18s 0.15um	4.5Msz			
SBB	94.50 14 eP	10 25.00	0.8		
SIO	94 63 356 ePc	10 25.00	0.3		
SDW	94 69 13 P	10 26 30	1.1		
PWLA	94.71 349 P	10 24.50	-0.6		
PRM	94.76 344 eP	10 25.50	0.2		
	0.7s 5.90nm	5.1mb			
OCO	94.90 357 eP	10 27.30	1.3		
MWC	94.92 14 eP	10 27.00	0.7		
RRO	94.99 358 ePc	10 26.50	0.1		
	0.7s 42.00nm	6.0mb			
COW	95.14 343 P	10 27.30	0.3		
SGS	95.28 343 P	10 28.00	0.3		
TPC	95.33 12 eP	10 29.00	0.9		
ALQ	95 41 4 iPc	10 29.80	1.2		
	1.0s 20.00nm	5.5mb			
HBF	95.51 343 P	10 29.00	0.2		
BHO	95.92 355 iPc	10 31.20	0.6		
	0.9s 31.50nm	5.8mb			
PLM	95.95 13 eP	10 31.00	-0.1		
GLA	96 53 12 eP	10 35.00	1.5		
BAR	96 64 13 eP	10 34.00	0.0		
RMO	97.98 122 eP	10 40.00	0.2		
STK	98.54 130 iPd	10 41.50	-0.7		
	0.4s 19.00nm	6.2mb			
ADE	99.68 134 eP	10 47.20	-0.1		
JCT	99.98 359 iP	10 49.50	0.3		
	0.9s 20.17nm	5.7mb			
BRS	100.92 120 iPdiff	10 53.00	-0.2		
LTX	101.10 2 Pdiff	10 54.50	0.5		
YOU	103.89 127 ePdiff	11 05.60	-0.6		
WAM	105.63 128 ePdiff	11 15.30	1.4		
ITR	114.12 286 ePKP	15 44.20	0.3		
MAW	117.79 187 ePKP	15 49.00	-0.2		
KRP	121.74 113 PKP	15 56.80	-0.9		
MSZ	121.77 123 PKP	15 56.20	-1.3		
TCW	123.12 116 PKP	15 57.80	-2.4		
MNG	123.45 115 PKP	15 59.00	-1.9		
DRV	125.11 155 e(PKP)	16 01.90	-1.4		
BAO	125.32 289 ePKP	16 04.90	-0.5		
RUV	129.07 64 iPKP	16 13.80	1.4		
	0.9s 30.00nm				
PPT	129.64 68 iPKP	16 14.90	1.4		
	0.9s 55.00nm				
PAE	129.71 68 iPKP	16 14.90	1.4		
	0.9s 80.00nm				
TVO	130.00 68 iPKP	16 15.90	1.7		
	0.9s 105.00nm				
VAO	130.19 282 ePKP	16 14.80	0.3		
	e	16 18.20			
	e	16 22.40			
	e	16 28.70			
LPB	137.38 309 (PKP)	16 20.00	-8.7X		
	i	16 29.00			
CNCB	137.56 309 ePKP	16 20.00	-9.2X		
	i	16 30.30			
	S	20 06.00			
ARE	138.96 314 ePKP	16 24.00	-7.5X		
SPA	139.70 180 ePKP	16 21.60	-9.5X		
	1.0s 19.50nm				
ANT	144.55 306 iPKP	16 40.30	-0.4		
TCA	147.08 290 ePKPd	16 45.60	0.8		
WBA	149 79 278 ePKPd	16 48.40	-0.4		
MDZ	150.73 293 ePKP	16 52.30	1.9		
JACH	151 61 296 ePKP	16 55.70	3.9X		
	i	16 59.00			
FCH	151.89 294 ePKP	16 53.50	1.0		
PEL	151.99 295 iPKPc	16 52.00	-0.3		
BACH	152.03 295 ePKP	16 53.50	1.1		
ROCH	152.06 296 ePKP	16 53.00	0.4		
PCH	152.23 294 ePKP	16 59.50	6.8X		
TACH	152.50 295 ePKP	16 53.50	0.5		
LNV	153.00 295 ePKP	16 54.00	0.4		
	i	17 01.20			
S.D. = 0.9 on 413 of 423 obs.					

JUN 15, 1985 02h 42m 55 75± 0.91s
3.043 N ± 4.1km 124.514 E ± 8.2km
DEPTH = 307.3 ± 10.6 km
4.9mb (16 obs.)
CELEBES SEA (262)

CGP	5.38 2 iPc	44 18.50	0.0		
	0.5s 13.30nm	4.1mb			
BAG	13.84 344 eP	46 02.00	0.3		
TRT	15.95 228 ePd	46 25.00	-0 5		
MTN	17.10 158 eP	46 37.00	-0 6		
	0.3s 163.00nm	5.9mb X			
KNA	19.14 167 iPc	46 58.00	-0.4		
QIZ	21.41 319 eP	47 22.20	1.7		
MBL	24.49 191 eP	47 49.10	-0.3		
WRA	24.80 157 Pc	47 51.40	-0.9		
	0.5s 62.20nm	5.3mb			
WB2	24.80 157 iPc	47 51.30	-1.1		
	eS	51 50.70			
NAU	26.91 199 iPd	48 11.30	0.0		
	0.4s 6.00nm	4.4mb			
ASPA	28.08 161 iPc	48 21.20	-0.6		
	0.3s 55.00nm	5.5mb			
GYA	28.90 325 eP	48 29.40	0.3		
WHN	28.99 342 eP	48 30.50	0.8		
WBN	29.08 176 iPc	48 31.20	0.6		
	0.4s 60.00nm	5.4mb			
CHG	29.52 304 iPd	48 35.00	0.4		
	0.6s 8.33nm	4.4mb			
MEK	30.04 191 iPc	48 38.30	-0.7		
	0.5s 63.00nm	5.4mb			
CTA	31.37 138 iPd	48 50.90	0.3		
	0.9s 9.24nm	4.3mb			
MRWA	33.10 194 iPc	49 05.00	-0.4		
	0.5s 27.00nm	5.0mb			
TIA	33.70 349 eP	49 08.50	-1.9		
CD2	33.95 327 iPc	49 13.50	0.9		
XAN	34.10 337 iPd	49 13.40	-0.4		
BAL	34.28 192 iPc	49 15.00	-0.3		
	0.4s 17.00nm	4.9mb			
KLB	35.04 190 iPc	49 21.40	-0.3		
	0 4s 37.00nm	5.2mb			
MAT	35.65 19 eP	49 25.00	-1.8		
	0.9s 35.29nm	4.9mb			
MUN	35.71 192 iPc	49 27.20	-0.1		
TIY	36.24 344 eP	49 31.10	-0.7		
NWAO	36.43 190 iPc	49 34.00	0.6		
STK	38.34 156 eP	49 50.00	0.8		
ADE	40.09 162 iPc	50 05.10	1.5		
	0.6s 62.67nm	5.1mb			
BRS	40.72 140 iPc	50 09.50	0.7		
LSA	41.27 313 P	50 14.70	0.9		
GTA	42.59 331 iPd	50 24.80	0.8		
TOO	44.86 156 eP	50 43 00	1.1		
HYB	47.28 291 eP	51 01.50	0.4		
GBA	47.66 286 Pc	51 04.30	0.3		
	0.6s 6.90nm	4.1mb			
NDI	51.67 305 eP	51 33.00	-1.1		
WMQ	52.05 327 P	51 36.70	0.0		
MSZ	61.27 146 P	52 42.00	0.9		
DRV	70.43 174 e(P)	53 37.50	-0.9		
TTA	82.51 27 eP	54 46.80	1.4		
IMA	83.90 24 eP	54 53.70	1.3		
KJF	90.25 334 eP	55 21.00	-1.6		
	0.6s 11.70nm	5.0mb			
	i	55 24.00			
SOD	90.25 337 eP	55 21.00	-1.6		
SUF	91.15 333 iP	55 25.50	-1.3		
	0.3s 1.70nm	4.5mb			
SPA	93.02 180 e(P)	55 37.00	1.4		
MBC	93.10 12 eP	55 36.00	0.4		
S.D. = 1.0 on 46 of 46 obs.					

? JUN 15, 1985 03h 43m 37.05± 0.96s
5.174 S ±24.4km 25.029 E ±40.2km
DEPTH = 10.0km (geophysicist)
ZAIRE REPUBLIC (567)

BNG	11.53 326 ePc	46 25.00	0.1		
	0.5s 3.00nm	4.9mb X			
	ic	47 23.50			
	ic	48 24 90			
BCAO	11.54 326 eP	46 24.80	-0.2		
	e	47 17.70			
	eS	48 25 00			
KRI	12.42 159 ePn	46 35.00	-2.0		
	eSn	48 45.00			
MTD	13.20 151 ePn	46 48.00	0.6		
	iSn	49 08.00			
	iLg	50 30.00			
CLK	14.30 138 ePn	47 02.00	0 2		
	eSn	49 34.00			
BUL	15.28 167 ePn	47 16.00	1.3		
	eSn	49 58.00			
S.D. = 1.4 on 6 of 6 obs.					

* JUN 15, 1985 04h 29m 55 64± 1.32s
15.179 S ±10.1km 71.660 W ±11.9km
DEPTH = 143.9 ± 11.2 km
4.5mb (3 obs.)
SOUTHERN PERU (117)

ARE	1.29 173 iPc	30 22.40	-0.8		
	iS	30 43.20			
ZOBO	3.57 108 iPd	30 53.00	1.6		
	iS	31 31.50			
LPB	3.68 112 iPc	30 54.80	2.1		
	(S)	31 39.00			
CNCB	3.89 115 iP	30 48.00	-7.6X		
	S	31 28.00			
TPZ	6.85 156 P	31 57.10	21.9X		
YJA	9.08 141 ePd	32 03.90	-1.2		
SLA	11.13 150 ePd	32 29.90	-1.9		
ROCH	17.72 178 iPc	33 54.60	-0.6		
MDZ	17.81 172 e(P)	33 57.10	1.1		
PEL	17.91 177 iPKPd	33 56.30	-0.8		
FCH	18.11 176 iPc	34 00.20	0.5		
TACH	18.41 178 eP	34 02.00	-0.5		
BAD	22.82 94 e(P)	34 47.00	-0.2		
VAO	24.57 112 eP	35 03.40	-0.5		
	e	35 04.70			
	e	35 20.00			
SOB1	30.63 82 eP	35 56.60	-1.9		
	e	38 54.20			
ITR	33.10 83 e(P)	36 16.00	-4.1X		
ALQ	59.80 327 eP	39 46.80	-1.3		
	1.0s 3.75nm	4.3mb			
KIC	69.66 77 eP	40 51.40	-0.5		
SPA	74.92 180 eP	41 23.90	1.6		
	1.0s 9.50nm	4.5mb			
SBA	81.54 191 e(P)	41 59.60	1.7		
YKC	84.34 342 eP	42 12.00	-0.3		
	0.8s 10.00nm	4.7mb			
YKA	84.39 341 eP	42 12.80	0.3		
ZST	100.34 43 ePdiff	43 45.00	17.9X		
WRA	136.74 217 PKPc	49 04.00	0.6		
	0.9s 2.70nm				
MAT	145.95 314 ePKP	49 20.00	0.7		
	0.8s 33.58nm				
GBA	150.04 89 PKPd	49 32.10	5.9X		
	0.5s 11.60nm				
S.D. = 1.3 on 21 of 26 obs.					

* JUN 15, 1985 04h 59m 37.60± 1.12s
39.222 N ± 9.5km 26.450 E ±12.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.61 351 iPg	59 48.70	-1.2		
	iSg	00 03.70			
IZM	1.04 142 iPn	59 56.90	-0.3		
KGT	1.39 28 iPn	00 03.40	0.4		
EDC	1.56 44 ePn	00 06.00	0.5		
MFT	1.69 22 iPn	00 11.20	3.9X		
DST	1.73 77 ePn	00 11.00	3.1X		
VAY	3.63 306 ePn	00 35.70	0.6		
S.D. = 1.1 on 5 of 7 obs.					

& JUN 15, 1985 05h 30m 00.85s
60.147 N 153.177 W
DEPTH = 115.1km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.18 79 iP	30 16.69	1.2		
	eS	30 29.21			
RDT	0.57 41 iP	30 18.50	-0.6		
NKA	1.13 57 eP	30 25.11	1.0		
SPU	1.18 28 iP	30 23.86	-0.8		
	eS	30 42.21			
BRLK	1.22 107 eP	30 24.06	-1.0		
	eS	30 42.54			
CRP	1.23 24 eP	30 24.84	-0.6		
CGLM	1.30 26 eP	30 25.28	-0.8		
SLKM	1.51 75 eP	30 27.12	-1.4		

SVW	1.54	310	eP	30 28.19	-0.7
SUA	1.78	41	eP	30 31.06	-0.8
			eS	30 53.64	
SEW	1 87	90	eP	30 30.70	-2.1
MPA	1.93	78	eP	30 31.80	-1.8
SKT	2.01	23	eP	30 34.26	-0.4
PMS	2 09	57	eP	30 33.93	-1 8
PTF	2 18	69	eP	30 34 25	-2 5
GHO	2 64	50	eP	30 40 16	-2 8
			eS	31 11.05	
PNF	2 64	59	eP	30 40.12	-2 8
			eS	31 11.08	
MSE	2.66	49	eP	30 40.51	-2.8
CFI	2.86	66	eP	30 44.02	-1.7
SML	2.89	53	eP	30 43.06	-3.2
GLI	3.10	74	eP	30 46.99	-2.0
FID	3.37	77	eP	30 49.74	-3.0
VZW	3.39	71	eP	30 49.74	-3.3
KLU	3.80	66	eP	30 55.12	-3.5

24 obs. associated

? JUN 15, 1985 05h 42m 29.56± 3.23s
10.181 S ±25.6km 166.191 E ±25.0km
DEPTH = 175.5 ± 16.1 km
4.1mb (2 obs.)
SANTA CRUZ ISLANDS (184)

HNR	6.20	276	eP	44 00.00	0.0
KOU	10.48	190	iPc	44 57.00	0.6
			iS	46 43.90	
NOU	12.06	179	iPc	45 15.90	-1.1
			iS	47 18.50	
CTA	21.60	241	iPc	47 07.00	0.6
	0.8s		8.96nm		4.3mb
YOU	29.00	211	eP	48 14.70	-0.3
CAN	29.52	209	eP	48 19.50	-0.1
WAM	30.28	209	eP	48 26.20	0.0
TCW	31.72	168	P	48 40.30	1.6
WB2	32.18	249	eP	48 42.80	-0.2
WRA	32.20	249	Pc	48 43.10	0.0
	0.9s		2.60nm		3.9mb
SPA	79.89	180	e(P)	54 19.00	-0.9
SOB1	146.87	125	ePKP	01 58.90	7.4X
	0.7s		9.20nm		
			e	02 34.50	
BNG	147.42	262	iPKPd	02 00.20	7.8X
	0.3s		8.00nm		
			id	02 33.00	
ITR	149.11	127	ePKP	02 05.10	10.1X

S.D. = 0.9 on 11 of 14 obs.

• JUN 15, 1985 06h 35m 48.00± 0.89s
21.486 S ± 9.3km 68.322 E ±12.9km
DEPTH = 145 8 ± 11 6 km
CHILE-BOLIVIA BORDER REGION (124)

TPZ	0.37	273	iPc	36 30.00	20.2X
YJA	2.71	105	iPc	36 33.00	0.5
			S	37 09.80	
ANT	2 94	221	eP	36 33.50	-1.4
SLA	4 15	142	ePc	36 52.80	1.8
CNCB	4 66	4	iP	36 58.70	0.4
LPB	4 93	2	Pc	37 01.60	-0.1
	1.0s		42.00nm		
ZOBO	5.19	2	ePc	37 05.00	-0.4
ARE	5.83	329	eP	37 10.00	-3.6X
			iS	38 13.50	
VAO	19.82	98	iP	40 08.00	-1.5
			i	41 47.50	
BAO	20.12	77	e(P)	40 11.00	-1.7
SOB1	29.07	69	eP	41 29.90	-7.0X
			e	41 36.90	
ITR	31.44	71	eP	41 57.90	0.2
KIC	68.17	74	eP	46 35.00	0.1
YKA	91.36	340	eP	48 39.90	2.1

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

• JUN 15, 1985 08h 01m 38.96± 1.31s
24.678 N ± 8.8km 122.422 E ±11.9km
DEPTH = 10.0km (geophysicist)
3.9mb (1 obs.)
TAIWAN REGION (243)

TWC	0.53	263	iPd	01 47.50	-2.1
TWZ	0.87	299	eP	01 56.00	0.3
TATO	0.90	289	eP	01 56.30	0.1
			eS	02 05.50	
ANP	0.96	302	eP	01 59.00	1.7
TWF1	1.67	218	ePd	02 09.00	0.6
TWG	2.23	214	eP	02 17.30	0.9
SSE	6.49	351	eP	03 16.00	-0.8
WRA	45.85	164	Pc	10 02.60	-0.6
	0 8s		1.20nm		3.9mb

S.D. = 1.4 on 8 of 8 obs

• JUN 15, 1985 09h 14m 16 89± 1 09s
5.374 S ±19 3km 153 673 E ± 7.4km
DEPTH = 83.3 ± 13 3 km
4.3mb (1 obs.)
NEW IRELAND REGION (190)

PAA	2.03	117	eP	14 49.00	-0.9
			eS	15 17.00	
BIAL	2.61	271	eP	14 57.00	-0.8
LMG	6.51	237	iPc	15 51.00	-1.1
LAT	6.76	259	eP	15 54.00	-1.4
MOM	7.08	298	eP	16 01.20	1.4
VSG	7.12	123	eP	16 02.00	1.5
SVO	7.16	122	P	16 00.00	-0.9
HNR	7.41	123	eP	16 05.00	0.6
			eS	17 28.00	
PMG	7.61	238	eP	16 09.00	1.9
KOU	18.28	147	iPc	18 40.10	13.5X
BRS	21.91	182	eP	19 06.00	1.3
WB2	23.73	231	eP	19 22.70	0.3
			eS	22 47.20	
WRA	23.74	231	Pc	19 22.70	0.2
	0.4s		4.90nm		4.3mb
MSZ	41.08	165	e(P)	21 53.00	-0.8
SPA	84.66	180	e(P)	26 41.10	-1.4

S.D. = 1.3 on 14 of 15 obs.

• JUN 15, 1985 10h 01m 40.77± 1.33s
24.579 N ±13.0km 122.023 E ±15.7km
DEPTH = 10.0km (geophysicist)
3.9mb (1 obs.)
TAIWAN REGION (243)

TWC	0.16	281	iPd	01 44.50	0.0
			eS	01 47.50	
TATO	0.63	309	iP	01 53.30	-0.1
			iS	02 05.80	
TWZ	0.66	322	iPd	01 53.50	-0.3
			eS	02 03.50	
ANP	0.76	323	eP	01 56.00	0.4
WRA	45.85	164	P	10 05.00	0.0
	0.6s		0.90nm		3.9mb

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

• JUN 15, 1985 10h 02m 26.40± 0.98s
24.611 N ± 8.7km 122.410 E ± 9.8km
DEPTH = 10.0km (geophysicist)
4.6mb (1 obs.)
TAIWAN REGION (243)

TWC	0.51	270	iP	02 35.00	-1.7
TWZ	0.90	303	iP	02 44.50	0.9
			eS	02 55.30	
TATO	0.91	294	iPd	02 44.30	0.5
			eS	02 54.00	
ANP	0.99	305	eP	02 46.00	0.7
TWF1	1.61	219	eP	02 55.60	0.6
SSE	6.55	351	Pc	04 04.20	-0.9
			Lg	06 06.00	
WRA	45.78	164	Pc	10 50.00	-0.1
	0.7s		4.50nm		4.6mb
W82	45.79	164	eP	10 50.20	0.1

S.D. = 1.1 on 8 of 8 obs.

• JUN 15, 1985 12h 48m 11.44± 1.19s
6.348 S ± 9.3km 147.498 E ±14.7km
DEPTH = 72.9 ± 13.9 km
4.4mb (3 obs.)
EAST PAPUA NEW GUINEA REGION (207)

MDG	2.03	302	iPd	48 46.10	2.0
PMG	3.06	186	iPd	48 58.00	-0.5
MOM	4.28	359	eP	49 14.00	-1.6
WEW	4.75	306	eP	49 27.00	4.8X
CTA	13.71	185	iPd	51 25.20	1.1
	0.7s		6.85nm		4.2mb
W82	18.59	222	eP	52 23.80	-1.8
			eS	55 50.00	
WRA	18.60	222	Pc	52 24.30	-1.4
	0.7s		9.50nm		4.1mb
RMO	20.07	177	eP	52 41.00	-0.5
	0.6s		92.00nm		5.3mb
BRS	21.52	167	iPd	52 58.30	2.0
ASPA	21.62	216	eP	52 57.00	-0.3
			eS	56 56.00	
STK	26.00	192	eP	53 39.00	-0.3
YOU	27.81	178	eP	53 55.40	-0 3
WBN	28 03	223	eP	53 58 00	0 1
CAN	28 87	177	eP	54 04.70	-0 6
WAM	29.73	178	eP	54 04 20	-0 8
MEK	34.15	231	iPc	54 52.30	0 5
MRWA	37.42	229	eP	55 20.00	0 6
SPA	83.69	180	e(P)	00 34.20	0.8

S.D. = 1.3 on 16 of 18 obs.

JUN 15, 1985 12h 56m 56.89± 0.70s
33.045 S ± 6.4km 68.820 W ± 6.6km
DEPTH = 23.3 ± 7.3 km
MENDOZA PROVINCE, ARGENTINA (139)

MDZ	0.16	351	iP	57 02.40	0.4
RTCV	1.20	12	iPc	57 19.00	0.6
			S	57 34.00	
FCH	1.26	257	iPd	57 19.10	-0.4
			iS	57 34.90	
BACH	1.43	257	iPd	57 21.90	0.2
			iS	57 40.60	
PCH	1.53	247	iPc	57 24.20	1.1
			iS	57 44.00	
JACH	1.54	283	iPc	57 22.60	-0.6
			i(S)	57 42.00	
RTCB	1.55	1	iPc	57 24.40	1.0
			(S)	57 44.70	
PEL	1.57	266	iPd	57 23.60	0.0
			iS	57 43.00	
SAN	1.60	255	iPd	57 25.10	1.1
			iS	57 45.30	
RTLL	1.74	10	iPc	57 27.20	1.2
			S	57 50.00	
RFA	1.75	170	ePc	57 28.40	2.2
			S	57 56.40	
CHCH	1.77	239	iPd	57 28.60	2.1
			iS	57 51.00	
ROCH	1.84	272	iPd	57 28.70	1.0
			iS	57 51.20	
TACH	1.87	251	iPc	57 29.70	1.7
			iS	57 53.50	
LNV	2.35	247	eP	57 35.70	1.0
			i	57 37.30	
			iS	58 08.50	
VBA	7.49	134	e(P)	58 46.00	-1.4

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

% JUN 15, 1985 14h 16m 32.57± 0.83s
37.703 N ± 9.0km 29.234 E ± 7.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YER	0.95	233	iPn	16 51.00	0.4
BCK	1.10	102	ePn	16 53.10	-0.2
IZM	1.70	295	iPn	17 01.90	-0.6
DST	1.96	346	ePn	17 01.10	-5.1X
GPA	2.71	18	iPn	17 17.40	0.4
EDC	2.85	338	ePn	17 19.00	0.1

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

? JUN 15, 1985 14h 53m 52.95± 1.86s
21.468 S ±17.0km 68.042 W ±29.4km
DEPTH = 145.9 ± 15.1 km
CHILE-BOLIVIA BORDER REGION (124)

TPZ	0.63	270	Pc	54 33.00	17.7X
YJA	2.46	107	iPd	54 35.80	1.5
			S	55 12.00	
SLA	4.00	145	ePd	54 53.20	-0.8
CNCB	4.63	1	iP	55 04.00	1.2
LPB	4.91	359	P	55 04.50	-1.9
ZOBO	5.17	359	eP	55 10.00	0.0
VAO	19.57	98	eP	58 10.90	-1.0
YKC	91.37	340	eP	06 43.00	0.2
YKA	91.43	340	eP	06 44.00	0.9

S.D. = 1.5 on 8 of 9 obs.

JUN 15, 1985 15h 17m 42.98± 0.67s
34.620 N ± 3.0km 82.992 E ± 2.5km
DEPTH = 43.2 ± 6.3 km

15d 15h

5.4mb (73 obs.) 5.2Msz (4 obs.)
TIBET (306)
CENTROID, MOMENT TENSOR (HRV)
Data Used. GDSN
L P.B. 13S, 21C
Centroid Location:
Origin Time 15:17:47.5 0.5
Lat 34.59N 0.12 Lon 83.34E 0 12
Dep 33.9 4.6 Half-duration 1 7
Moment Tensor: Scale 10**24 D-CM
Mrr=-0.58 0.06 Mtt=-0.65 0.05
Mff= 1.23 0.08 Mrt=-0.19 0.07
Mrf=-0.06 0.11 Mtf= 0.06 0.07
Principal Axes:
T Val= 1.23 Plg= 2 Azm= 92
N -0.42 50 185
P -0.81 40 0
Best Double Couple:Mo=1.0*10**24
NP1:Strike=144 Dip=61 Slip=-151
NP2: 39 65 -32

KKN 7.08 163 iP 19 26.80 -0.2
DMN 7.22 165 iP 19 28.60 -0.3
PKI 7.33 163 iPc 19 30.00 -0.5
KSH 7.40 313 Pd 19 32.00 0.7
Lg 21 50.00
NDI 7.70 221 iPc 19 35.30 0.0
0.6s 93.33nm 5.9mb
eS 21 09.50
LSA 8.48 123 eP 19 47.40 0.9
S 21 22.30
WMG 9.88 20 P 20 03.50 -2.0
SHL 11.85 137 iP 20 28.80 -3.6X
iS 24 00.00
OUE 14.25 256 eP 21 00.00 -4.1X
eS 23 32.00
GTA 14.26 66 P 21 02.40 -1.8
eS 23 37.40
LZH 17.08 79 eP 21 43.00 2.7X
E 10s 5.60um
iS 24 57.00
HYB 17.59 194 eP 21 42.50 -4.1X
1.0s 80.00nm 4.8mb
CD2 17.85 96 P 21 50.80 1.0
POO 17.97 209 iPd 21 51.50 0.1
1.0s 95.00nm 4.9mb
S 25 08.00
BOM 18.09 213 eP 21 55.90 3.2X
iS 26 22.40
MHI 19.21 282 iPd 22 05.40 -0.9
0.9s 100.84nm 5.1mb
eS 25 35.00
KMI 19.54 114 Pd 22 09.50 -0.6
N 11s 4.20um
sP 22 18.50
eS 25 41.00
sS 25 50.00
CHG 21.19 134 iPd 22 27.40 0.4
1.0s 32.50nm 4.7mb
XAN 21.41 84 Pd 22 28.20 -1.0
GBA 21.52 195 Pd 22 29.70 -0.6
0.9s 127.00nm 5.3mb
GYA 21.92 105 Pc 22 35.40 1.0
S 26 35.00
BTO 22.18 66 eP 22 37.00 0.1
S 26 40.00
HHC 23.38 66 iPc 22 51.00 2.4
TIY 23.92 74 eP 22 54.40 0.5
LOE 23.96 131 eP 22 52.20 -2.1
KHT 24.25 141 eP 23 02.00 4.9X
NST 24.36 137 eP 23 00.00 1.9
KOD 24.79 193 eP 23 04.50 1.8
eS 27 44.00
SHI 26.22 268 eP 23 16.00 0.2
WHN 26.68 90 eP 23 20.00 0.2
BJI 26.84 69 eP 23 22.00 0.9
PcP 26 44.00
eS 28 03 00
eScS 34 19.00
KER 29.49 280 eP 23 46.00 0.6
TAB 29.61 287 eP 23 49 00 2.6
HKC 29.91 106 eP 23 48.00 -1 0
eS 28 41.00
DL2 31.09 71 P 24 00.00 0.8
eS 29 05 00
SSE 32.15 85 eP 24 09.70 1.1
N 10s 2.00um

E 10s 1.20um
S 29 16.00
sS 29 26.00
SNY 32.45 65 eP 24 09.50 -1.6
S 29 28.00
CN2 33.83 61 eP 24 21.40 -1.8
pP 24 26.00 16kmX
ePP 25 34.50
eS 29 45 00
sS 29 52 00
SS 31 52.00
TSI 34.18 152 e(P) 24 30.00 3.7X
IPM 34.25 147 ePd 24 26.80 -0 2
PSI 35.06 151 Pc 24 32.50 -1.4
MDJ 36.82 60 eP 24 48.50 0.0
PP 26 16.00
eS 30 30.00
BAG 38.18 109 eP 25 03.90 3.4X
PPI 38.51 151 e(P) 25 03.80 0.8
HRI 38.94 282 eP 25 07.00 0.4
JER 39.81 280 eP 25 12.50 -1.2
PRNI 40.41 278 eP 25 18.50 -0.2
SHK 40.57 75 ePc 25 11.00 -8.9X
GPA 41.69 294 eP 25 30.00 0.9
KKM 41.82 125 ePd 25 32.20 1.8
0.9s 58.30nm 5.3mb
DST 43.09 293 iP 25 41.50 1.0
EDC 43.52 294 iP 25 44.50 0.5
VRI 43.57 303 eP 25 45.00 0.7
CVO 43.95 303 ePc 25 49.00 1.5
JMB 44.11 298 iP 25 50.00 1.3
MLR 44.15 302 ePd 25 51.00 1.8
IZM 44.38 292 iP 25 50.90 -0.1
MAT 44.43 71 iPc 25 50.20 -1.2
1.0s 43.00nm 5.2mb
eS 32 20.00
KJF 44.43 329 iP 25 51.50 0.5
0.8s 19.10nm 4.9mb
ePP 27 30.00
eS 32 28.00
eSS 35 40.00
SUF 44.78 327 iP 25 53.80 0 0
EZN 44.78 294 iP 25 34.80 -19.3X
CMP 44.81 302 ePc 25 55.00 0.6
DIM 44.91 297 eP 25 56.00 0.9
PVL 45.02 299 iPd 25 57.00 1.0
NUR 45.12 324 iP 25 57.20 0.7
0.9s 30.40nm 5.2mb
ePP 27 36.00
eS 32 40.00
eSS 36 20.00
KDZ 45.15 297 iP 25 58.00 0.9
SOD 45.71 333 iP 26 00.80 -0.3
KEV 46.31 336 iP 26 05.80 0.0
0.7s 17.40nm 5.1mb
eS 33 00.00
eSS 36 24.00
MMB 46.36 297 iPd 26 08.00 1.3
VTS 46.55 298 iPd 26 09.00 1.0
VAY 47.26 297 iP 26 13.70 -0.1
JOS 47.47 307 iPd 26 16.20 0.9
0.8s 20.00nm 5.2mb
SPC 47.58 308 iPd 26 17.20 0.8
KRA 47.68 309 ePd 26 17.10 0.2
1.0s 42.00nm 5.4mb
Z 28s 2.00um 4.9MszX
N 28s 5.40um
E 28s 2.30um
i 26 20.40
e 28 09.00
eS 33 39.00
e 36 57.00
DAV 47.78 115 eP 26 20.00 1.9
eS 33 23.00
SKO 47.95 298 iPd 26 19.20 0.0
1.2s 40.00nm 5.3mb
i 26 34.50
eS 33 18.00
eSS 36 55.00
UPP 48.57 322 iP 26 23.80 0.2
iSKS 37 10.00
ZST 49.78 307 iP 26 33 70 0 6
KSP 49.90 310 ePd 26 34.60 0.6
0.9s 27.00nm 5 3mb
SOP 50.23 306 iPd 26 36.80 0.2
1.0s 25.50nm 5.2mb
VKA 50.29 307 iP 26 38.00 1.0

0.7s 19.00nm 5.2mb
Z 17s 1.10um 4.9MszX
HFS 50.54 323 eP 26 38.50 -0.3
0.7s 18.50nm 5.2mb
TRT 50.57 141 iPd 26 39.50 0.0
0.6s 40.80nm 5.6mb
PRU 51.14 310 Pd 26 44.10 0.7
1.3s 28.90nm 5.1mb
Z 18s 1.90um 5.2Msz
N 19s 1.90um
E 19s 1.30um
e 28 26.00
e 34 21.00
BRG 51.36 311 iPd 26 45.00 -0.1
1.0s 50.00nm 5.5mb
N 20s 3.50um
E 20s 2.00um
i 27 02.00
eS 34 20.00
COP 51.57 317 iPd 26 47.20 0.6
0.8s 77.61nm 5.8mb
iS 34 31.00
NB2 51.72 324 P 26 46.90 -0.8
0.8s 18.60nm 5.1mb
CLL 51.87 311 iPd 26 48.80 -0.2
1.3s 37.00nm 5.2mb
KHC 51.91 309 iPd 26 49.90 0.5
0.8s 30.00nm 5.3mb
Z 13s 0.70um 4.9MszX
N 14s 0.40um
E 14s 0.60um
e 27 09.50
e 28 49.60
LJU 51.92 305 ePd 26 49.90 0.4
WET 52.36 309 iPd 26 53.30 0.6
1.0s 34.00nm 5.3mb
VOY 52.36 305 ePd 26 52.50 -0.4
KBA 52.49 306 iPc 26 53.30 -0.6
0.7s 11.00nm 5.0mb
TRI 52.52 304 iPd 26 52.50 -1.4
eS 34 18.00
eSS 38 00.00
KONO 52.64 322 eP 26 54.50 -0.1
HOF 52.76 310 iPd 26 55.80 0.1
0.8s 27.00nm 5.3mb
MOX 52.86 311 eP 26 57.00 0.6
1.0s 103.00nm 5.8mb
Z 14s 2.20um 5.4MszX
N 21s 3.30um
eS 34 44.00
eSS 38 16.00
GRF 53.30 310 iPd 27 00.70 1.0
1.1s 73.00nm 5.6mb
Z 19s 2.00um 5.2Msz
FUR 53.61 308 iPd 27 02.60 0.7
0.8s 105.00nm 5.9mb
OSS 54.72 306 ePd 27 09.70 -0.6
TNS 54.93 311 ePd 27 11.70 0.0
SAX 55.10 307 ePd 27 12.50 -0.7
LLS 55.43 307 ePd 27 14.50 -1.0
BUH 55.45 309 ePd 27 15.30 -0.1
WTS 55.51 313 eP 27 16.50 0.8
1.0s 42.00nm 5.4mb
SLE 55.52 308 ePd 27 15.20 -0.7
ZUL 55.66 308 ePd 27 16.10 -0.9
NAI 56.06 240 iPd 27 23.00 2.6
0.9s 46.22nm 5.5mb
CDF 56.13 309 eP 27 20.00 -0.4
1.0s 41.60nm 5.4mb
MMK 56.34 306 ePd 27 21.90 -0.2
MEM 56.34 312 Pd 27 20.90 -0.8
ENN 56.35 312 eP 27 22.00 0.2
1.0s 22.00nm 5.1mb
WLF 56.50 311 Pd 27 23.50 0.6
ROF 56.58 308 iPd 27 23.00 -0.5
BSF 56.60 308 eP 27 23.60 -0.2
1.0s 116.20nm 5.9mb
DIX 56.70 306 ePd 27 24.30 -0.4
HAU 56.84 309 eP 27 25.00 -0.4
1.0s 26.90nm 5.2mb
EMS 57.02 306 ePd 27 26.70 -0.2
UCC 57.30 312 P 27 29.30 0.8
LPG 57.32 306 eP 27 28.80 -0.3
DOU 57.35 311 Pc 27 29.20 0.3
Z 18s 2.10um 5.3Msz
S 35 48.00
CDR 58.57 304 iPd 27 37.10 -0.4

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LOR     58.67 308 eP     27 37.00  -1.2
        1.0s     36.00nm          5.4mb
LBF     58.68 308 eP     27 37.20  -1.1
        1 0s     37.00nm          5.5mb
SMF     58.88 308 eP     27 38.80  -0.9
SSF     58.96 308 eP     27 39.20  -1.0
AVF     59.15 308 eP     27 40.80  -0.7
        1.2s     80.50nm          5.7mb
GRC     59 16 309 iPd    27 40.90  -0.7
DAG     59.23 345 iPc    27 40.00  -1.7
        0.8s     8.96nm           4.9mb
BGF     59.56 308 eP     27 43.20  -1.1
        1.0s     23.00nm          5.3mb
ESY     59.80 319 ePd    27 45.20  -0.7
        1.1s     50.00nm          5.6mb
MZF     59.84 308 eP     27 46.00  -0.3
        1.1s     72.30nm          5.7mb
TCF     60.06 308 eP     27 47.20  -0.6
EDI     60.11 320 ePd    27 47.40  -0.5
        1.1s     54.00nm          5.6mb
EBH     60.18 320 ePd    27 47.60  -0.8
        1.0s     32.00nm          5.4mb
EAU     60.28 320 ePd    27 48.70  -0.4
EKA     60.28 319 Pd     27 48.50  -0.6
        0.9s     23.00nm          5.3mb
ESK     60.31 319 eP     27 49.00  -0.3
LSF     60.52 308 eP     27 49.80  -1.1
        1.0s     45.10nm          5.6mb
CAF     60.63 306 eP     27 51.40  -0.3
        1.0s     42.00nm          5.5mb
LDF     60.75 311 eP     27 51.80  -0.7
        0.9s     83.20nm          5.9mb
RJF     60.86 307 eP     27 53.20   0.0
        1.4s     99.30nm          5.8mb
FLN     60.92 311 eP     27 52 80  -0.8
        1.0s     44.00nm          5.5mb
GRR     61.28 311 eP     27 55.40  -0.7
MFF     61.47 309 eP     27 56.40  -1.0
        1.0s     49.60nm          5.6mb
LFF     61.51 307 eP     27 57.40  -0.2
        1.2s     82.30nm          5.7mb
LPF     61.53 311 eP     27 57.40  -0.3
        1.0s     20.00nm          5.2mb
EPF     62.49 305 eP     28 02.80  -1.5
        1.2s     24.90nm          5.2mb
DLE     62.85 318 eP     28 05.80  -0.7
        1.1s     70.00nm          5.7mb
DCN     63.24 318 eP     28 09.10   0.1
EBR     63.26 303 (P)    28 15.00   5.7X
LGR     64.64 305 iPc    28 18.50   0.1
NAU     64.70 147 eP     28 18.00  -0.8
VAL     65.46 317 PKP    28 23.80   0.4
                SS       44 24.00
MBL     65.60 142 eP     28 24.00  -0.7
KNA     66 34 131 eP     28 29.00  -0.5
BRW     66.34  18 eP     28 29.40   0.6
BNG     66.54 259 iPd    28 29.30  -1.6
        0.4s     33.00nm          5.7mb
                 ic       28 32.40
TOL     66 80 303 iPd    28 31.50  -0.8
        1.1s     7.00nm           4.6mb
                 e        37 30.00
CRT     67 69 300 iPc    28 38.80   0.8
CLK     67.70 231 iPd    28 37.90  -0.3
MBC     68.50   6 ePd    28 41.50  -0.8
        1.0s     53.00nm          5.5mb
MEK     69.59 146 iPd    28 48 90  -0.8
        0 6s     16.00nm          5.2mb
IMA     70.64  21 eP     28 56.40   0.6
MRWA    70.73 150 eP     28 55.40  -1.2
GDH     71.63 345 eP+    29 05.00   3.5X
                 e        33 25.00
TTA     72.03  24 eP     29 05.10   1.0
KRI     72.03 234 iPd    29 03.00  -1.8
BAL     72.24 150 eP     29 04.00  -1.6
WRA     72.97 130 Pd     29 09.90  -0.2
        0.3s     7.30nm           5.1mb
WB2     72.98 130 iPd    29 10.00  -0.1
WBN     73.19 140 iPd    29 11.40   0.1
FBA     73.20  20 eP     29 11.20   0.4
        1.0s     168.70nm         6.0mb
MUN     73.24 151 eP     29 10.00  -1.4
KLB     73.54 150 eP     29 12.00  -1.1
INK     73.84  13 iPd    29 14.20  -0.2
        1.2s     45.00nm          5.3mb
KLG     74.47 146 iPd    29 18.20  -0.4
NWAO    74.49 151 iPc    29 17.90  -0.7

PMG     74.76 113 eP     29 22.00   1.4
BUL     75.07 232 iPd    29 21.90  -0.5
PMR     75.25  23 eP     29 23.00   0.3
        1.0s     100.00nm         5.7mb
ASPA    75.46 133 eP     29 25.00   0.6
KDC     76.89  27 eP     29 33.00   1.1
ISO     76.90 127 eP     29 33.00   0.4
        0.9s     48.00nm          5.5mb
SLR     79.31 229 eP     29 46.00   0.1
        0.9s     10.08nm          4.8mb
FRB     79.39 348 eP     29 45.00  -0.5
KSR     80.26 229 iPc    29 51.20   0.2
        1.0s     20.00nm          5.0mb
CTA     81.04 122 iPd    29 55.90   0.8
        0.9s     42.02nm          5.4mb
SEK     81.59 227 iPd    29 57.70  -0.2
        1.2s     218.75nm         6.0mb
SWZ     82.19 229 iPc    30 01.00   0.0
        1.0s     80.00nm          5.7mb
YKA     82.19   8 eP     30 01.00   0.7
YKC     82.22   8 ePd    30 00.70   0.2
        0.8s     47.00nm          5.6mb
SIT     83.10  20 eP     30 07.20   2.1
KIC     84.57 274 eP     30 16.70   3.4X
RMO     86.99 125 eP     30 27.00   2.0
BRS     90.31 123 iPc    30 42.80   2.1
BRS     90.31 123 ePc    30 47.80   7.1X
                iS       56 05.00
FFC     90.91   3 iPd    30 43.20   0.0
        1.1s     18.00nm          5.4mb
EDM     91.38  10 iPd    30 45.70   0.3
YOU     91.87 131 eP     30 46.10  -1.7
CAN     92.94 132 eP     30 49.00  -3.7X
WAM     93.44 132 eP     30 54.80  -0.1
PNT     94.05  15 eP     30 59.00   1.2
JCT    115.20   3 ePKP   36 21.00  -0.5
SBA    122.26 166 e(PKP) 36 31.90  -1.6
SPA    124.44 180 ePKP   36 37.90  -0.3
        1.0s     15.00nm
ZOBO   148.32 298 PKPc   37 24.50   0.7
        1.5s     21.51nm
                 LR       26 32.00
LPB    148.48 298 ePKP   37 25.00   1.2
       Z 21s      0.36um           5.1Msz
                 eLR      32 20.00
CNCB   148.57 297 (PKP)  37 28.00   3.9X
YJA    149.76 286 ePKPc  37 27.20   1.5
ARE    150.86 302 ePKP   37 34.00   6.7X
TPZ    151.91 290 PKP    37 27.50  -1.3
PEL    158.11 266 ePKPc  37 35.50  -0.9
                 i        38 10.80

    S.D. = 0.9  on 196 of 213 obs.

&  JUN  15, 1985  15h 23m 44.04s
    60.071 N          153.304 W
    DEPTH = 124.8km
  SOUTHERN ALASKA                    ( 2)
       <AGS-P>.

ILM      0.27  65 eP     24 01.10   1.0
                eS       24 14.82
RDT      0.67  41 iP     24 03.28  -0.8
                eS       24 18.61
AUL      0.69 186 eP     24 03.40  -0.7
BRLK     1.26 103 iP     24 08.35  -1.1
                eS       24 27.59
SPU      1.27  28 eP     24 08.72  -0.9
                eS       24 28.40
CRP      1.33  25 eP     24 09.76  -0.6
CGLM     1.40  27 eP     24 10.20  -0.9
SLKM     1.60  73 eP     24 12.09  -1.2
SUA      1.88  41 iP     24 15.66  -1.2
                eS       24 41.37
SEW      1.93  87 eP     24 15.61  -1.7
MPA      2.01  76 eP     24 16.66  -1.6
PMS      2.19  56 eP     24 19.85  -0.7
PTE      2.26  68 eP     24 20.26  -1.2
KNK      2.73  58 eP     24 25.22  -2.4
GHO      2.74  50 eP     24 25.10  -2.6
MSE      2.76  48 eP     24 25.32  -2.8
SML      2.99  52 eP     24 27.91  -3.1
FID      3.45  76 iP     24 34.53  -2.6
        18 obs. ossociated

?  JUN  15, 1985  16h 06m 14.38± 5.83s
    7.597 S ±57.1km  128.762 E ±21.2km
   DEPTH = 143.9 ± 17.3 km

    4 3mb (  3 obs.)
  BANDA SEA                          (280)

KUPT    5.69 243 eP     07 38.00   0.1
                eS       08 38.90
MTN     5.71 156 iPc    07 39.10   0.9
                eS       08 42.00
KNA     8.10 180 eP     08 10.00  -0 4
        0.3s     15.00nm          5.1mb
                eS       09 36.00
WRA    13.41 157 Pd     09 19.60  -0 6
        0.2s     0.50nm           3.6mb
WB2    13.42 157 eP*    09 18.70  -1.6
                eS       11 40.20
MBL    16.01 212 eP     09 53.00   0.2
                eS       12 39.00
ASPA   16.72 163 eP     10 03.00   1.3
                eS       13 01.00
WBN    18.56 186 eP     10 23.00   0.1
        0.4s     6.00nm           4.3mb
NAU    19.59 219 eP     10 32.00  -1.6
                eS       13 58.00
MEK    21.26 206 eP     10 51.00   0.5
                eS       14 44.00
KLG    24.06 196 iPd    11 17.80   0.2
MRWA   24.64 208 eP     11 24.00   0.9
                eS       16 01.00
      S.D. = 1.1  on  12 of  12 obs.

&  JUN  15, 1985  18h 49m 52.58s
    59.101 N          147.768 W
    DEPTH =  42.0km
  GULF OF ALASKA                     ( 15)
      <AGS-P>. ML 3.3 (PMR).

MID     0.80  65 eP     50 07.33  -0.2
SEW     1.32 320 iP     50 13.72  -1.1
HIN     1.45  26 iP     50 16.47  -0.3
MPA     1.61 331 iP     50 18.12  -0.8
                eS       50 37.32
BRLK    1.73 294 eP     50 19.85  -0.8
CVA     1.77  34 iP     50 21.01  -0.2
FID     1.78  21 iP     50 20.47  -0.9
GLI     1.82  10 eP     50 21.58  -0.3
PTE     1.88 341 iP     50 21.98  -0.8
SLKM    1.88 320 eP     50 21.73  -1.1
                eS       50 44.94
KAIM    1.90  63 iP     50 23.32   0.2
SGAM    1.91  42 iP     50 23.23   0.0
TTV     1.99   9 eP     50 24.15  -0.2
RAGM    2.03  49 iP     50 25.46   0.5
VZW     2.06  17 iP     50 25.14  -0.3
                eS       50 49.29
VLZ     2 16  19 eP     50 26.82   0.0
PMS     2 33 338 eP     50 28.44  -0.9
KNK     2.34 352 eP     50 29.13  -0.4
TSIM    2.45  29 eP     50 30.92  -0.2
KLU     2.57  20 eP     50 32.65  -0.1
PMR     2.59 345 eP     50 33.00   0.1
PME     2.61 347 eP     50 33.30   0.1
SNH     2.73  65 eP     50 34.74  -0.2
SML     2.73 354 eP     50 34.58  -0.4
GHO     2.74 348 eP     50 35.13  -0.1
SCM     2.75   4 eP     50 35.82   0.5
PWA     2.76 339 eP     50 35.69   0.3
RDT     2.77 304 iP     50 34.29  -1.3
KMP     2.78  28 iP     50 35.53  -0.2
ILM     2.78 295 eP     50 35.09  -0.6
SUA     2.80 329 eP     50 35.05  -1.0
MSE     2.81 348 eP     50 35.90  -0.3
KDC     2.83 243 eP     50 34.70  -1.6
WAX     2.83  59 iP     50 35.81  -0.7
AUI     2.92 277 eP     50 38.23   0.6
SPU     2.99 316 iP     50 37.49  -1.3
GLB     3.07  38 iP     50 39.36  -0.4
TOA     3.12  14 eP     50 44.00   3.5
YAH     3.30  65 iP     50 42.48  -0.8
BALM    3.34  52 iP     50 42.99  -0.7
SKT     3.43 329 eP     50 44.95   0.0
CTGM    3.73  57 eP     50 49.15  -0.2
PCA     3.95  72 eP     50 51.52  -0.7
PNL     4.32  79 eP     50 56.40  -1.1
SVW     4.42 300 eP     50 56.50  -2.4
TTA     5.55 317 eP     51 13.10  -1.8
FBA     5.82 360 eP     51 17.10  -1.5
IMA     7.50 341 eP     51 40.00  -2.3
INK    11.15  28 eP     52 39.00   6.8
```

15d 18h

YKA 16.42 64 eP 53 42.40 1.2
YKC 16.48 64 eP 53 42.00 0.0
51 obs. associated

• JUN 15, 1985 20h 18m 01.25± 1.13s
3.126 S ±11.9km 146.303 E ±21.9km
DEPTH = 22.1 ± 9.1 km
4.1mb (1 obs.)
BISMARCK SEA (203)

MOM 1.54 46 iPd 18 27.50 0 0
MDG 2.17 194 eP 18 36.50 -0.2
LAT 3.57 169 eP 18 57.00 0.3
PMG 6.30 172 eP 19 35.00 -0.2
WB2 20.38 214 eP 22 39.20 -0.2
WRA 20.39 214 Pc 22 39.90 0.4
0.7s 6.50nm 4.1mb
S.D. = 0.5 on 6 of 6 obs.

• JUN 15, 1985 20h 27m 59.71± 1.95s
30.340 S ±11.4km 71.710 W ±16.4km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

JACH 2.52 158 iPc 28 39.60 0.2
i(S) 29 09.50
ROCH 2.69 167 iP 28 41.50 -0 3
i(S) 29 17.50
RTCB 2.75 115 eP 28 43.70 1.2
S 29 19.00
PEL 2.93 163 iPc 28 44.90 -0 1
iS 29 20.70
i 29 27.50
RTLL 2.96 110 ePd 28 45.70 0.2
S 29 23.00
RTCV 3.11 120 eP 28 49.50 1 8
S 29 31.20
BACH 3.18 161 iP 28 48.80 0.2
iS 29 28.60
FCH 3.21 158 eP 28 50.00 0.6
iS 29 30.50
SAN 3.23 164 iP 28 52.00 2.7X
iS 29 27.00
CFA 3.24 114 e(P) 28 49.50 0.1
S 29 35.20
TACH 3.37 169 eP 28 51.20 -0.1
i(S) 29 29.00
PCH 3.43 163 eP 28 52.20 0.0
iS 29 31.00
MDZ 3.52 137 iP 28 56.60 3.1X
i 29 35.60
LNV 3.61 176 eP 28 55.00 0.3
CHCH 3.69 166 iPd 28 55.60 -0.3
iS 29 38.50
RFA 5.20 149 eP 29 15.80 -1.5
TCA 6.20 101 iPd 29 28.80 -2.7
S 30 39.00
SLA 7.85 46 e(P) 29 55.00 0.3
S.D. = 1.1 on 16 of 18 obs.

• JUN 15, 1985 20h 58m 23.73± 0.90s
28.328 S ±10.8km 67.249 W ±12.6km
DEPTH = 157.7 ± 14.5 km
LA RIOJA PROVINCE, ARGENTINA (138)

CYA 1.29 96 iPd 58 52.00 -0.1
S 59 11.50
TCA 3.79 143 iPd 59 22.20 0.1
S 00 05.40
SLA 3.91 24 ePc 59 24.00 0.1
FCH 5.63 207 eP 59 47.50 0.8
PEL 5.64 211 eP 59 45.50 -1.1
BACH 5.73 208 iPd 59 48.20 0.3
VAO 19.03 78 e(P) 02 36.00 -0.1
S.D. = 0.8 on 7 of 7 obs.

• JUN 15, 1985 21h 01m 15.18± 1.15s
24.670 N ±12.6km 122.489 E ±11.9km
DEPTH = 10.0km (geophysicist)
4.3mb (1 obs.)
TAIWAN REGION (243)

TWC 0.59 264 iPd 01 25.10 -1.9
eS 01 30.50
TWZ 0.93 297 iPc 01 33.50 0.6
eS 01 45.30
TATO 0.96 289 eP 01 33.80 0.4
eS 01 43.80
ANP 1.02 300 eP 01 36.00 1.5
SSE 6.50 350 Pc 02 52.00 -1.3
eLg 04 57.20
WRA 45.82 164 Pc 09 39.30 0.1
0.8s 3.00nm 4.3mb
WB2 45.82 164 eP 09 39 80 0.6
S.D. = 1.4 on 7 of 7 obs.

% JUN 15, 1985 21h 23m 00.39± 0.88s
45.977 N ± 6.9km 2.763 E ± 7.3km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 1.9 (LDG).

TCF 0.49 309 Pg 23 10.70 0.3
Sg 23 16.60
BGF 0.58 6 Pg 23 11.90 -0.3
Sg 23 19.70
LSF 0.90 288 Pg 23 17.50 -0.1
Sg 23 29.20
CAF 1.16 205 Pg 23 22.10 0.0
Sg 23 37.30
SSF 1.20 25 Pg 23 22.70 0.0
Sg 23 38.40
LBF 1.31 39 Pg 23 24.90 0.2
Sg 23 41.80
S.D. = 0.3 on 6 of 6 obs.

• JUN 15, 1985 21h 34m 34.20± 0.66s
34.717 N ± 7.6km 83.269 E ±13.3km
DEPTH = 33.0km (normal)
4.3mb (2 obs)
TIBET (306)

KKN 7.12 165 eP 36 18.90 0.0
0.5s 23.00nm 5.4mb X
DMN 7.26 167 eP 36 22.30 1.4
0.7s 25.00nm 5.3mb X
PKI 7.36 165 eP 36 21.20 -1.1
0.5s 22.00nm 5.4mb X
KSH 7.50 311 eP 36 25.00 0.8
eS 37 53.00
NDI 7.92 222 eP 36 30.00 0.1
e(S) 37 55.00
WMQ 9.72 19 eP 36 54.80 0.0
CHG 21.09 135 eP 39 24.50 6.3X
XAN 21.17 85 eP 39 23.00 4.1X
GBA 21.67 196 P 39 26.00 2.0
0.6s 8.70nm 4.4mb
GYA 21.72 106 P 39 29.00 4.4X
MMB 46.52 297 eP 43 20.00 19.8X
MTD 70.94 233 eP 45 50.00 -0.6
WRA 72.86 130 Pc 46 01.50 -0.4
0.6s 1.50nm 4.2mb
BUL 75.31 232 iPc 46 13.40 -2.8
YKA 82.06 8 eP 46 52.90 0.8
YKC 82.09 8 eP 46 52.00 -0.3
S.D. = 1.4 on 12 of 16 obs.

& JUN 15, 1985 22h 17m 34.68s
59.803 N 139.136 W
DEPTH = 14.5km
SOUTHEASTERN ALASKA (19)
<AGS-P>.

PNL 0.19 225 iP 17 38.60 -0.7
BCPM 0.29 301 iP 17 40.29 -0.8
HQN 0.38 159 iP 17 42.43 -0.1
eS 17 47.78
PCA 0.64 298 eP 17 46.52 -0.5
eS 17 55.72
AGAM 1.02 291 iP 17 53.38 -0.2
eS 18 07.72
YAH 1.42 294 eP 18 00.11 -0.1
CTGM 1.60 318 eP 18 02.99 0.4
SNH 1.90 283 eP 18 07.28 0.4
WAX 1.97 291 eP 18 08.24 0.3
BALM 2.02 309 eP 18 08.72 0.1
eS 18 35.73
RAGM 2.84 284 eP 18 22.94 2.6
CSG 2.98 289 eP 18 23.37 1.1
KMP 3.37 303 eP 18 27.83 -0.1
13 obs. associated

? JUN 16, 1985 00h 20m 07.39± 3.06s
39.013 N ±14.1km 26.312 E ±27.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN 0.81 1 iPg 20 22.80 -0.3
iSg 20 37.80
IZM 0.96 129 iPn 20 25.90 0.1
KGT 1.63 28 iPn 20 36.60 0.4
EDC 1.79 41 ePn 20 38.00 -0.6
DST 1.89 71 ePn 20 39.00 -1.1
KCT 2.00 51 ePn 20 43.00 1.3
S.D. = 1.1 on 6 of 6 obs.

JUN 16, 1985 00h 37m 13.57± 0.19s
71.362 N ± 3.8km 11.148 W ± 3.7km
DEPTH = 10.0km (geophysicist)
5.1mb (62 obs.) 4.6Msz (4 obs.)
JAN MAYEN ISLAND REGION (639)

DAG 5.82 342 iPd 38 37.70 -4.2X
0.6s 520.00nm 6.4mb X
i 40 16.00
AKU 6.24 207 iP 38 43.20 -4.6X
0.9s 763.03nm 6.5mb X
i 39 53.30
REY 8.31 215 eP 39 15.60 -1.2
KBS 9.52 27 iP+ 39 30.50 -2.9X
TRO 10.14 85 eP 39 39.50 -2.5
eS 41 28.00
KEV 12.66 79 iP 40 16.90 0.8
0.7s 34.70nm 5.7mb
i 40 29.30
eS 42 40.00
SOD 13.72 88 iP 40 28.80 -1.3
GDH 14.22 282 iPd 40 32.40 -4.3X
0.8s 126.87nm 5.7mb
e 43 10.00
i 44 15.00
KONO 14.44 134 eP 40 37.00 -2.7
ALE 15.17 337 ePd 40 43.00 -6.0X
0.7s 36.00nm 4.9mb
EDU 15.27 163 ePd 40 48.70 -1.8
1.0s 85.00nm 5.1mb
ELO 15.28 164 ePd 40 50.30 -0.4
0.9s 58.00nm 4.9mb
EAB 15.51 166 iPd 40 53.50 -0.1
0.7s 41.00nm 4.8mb
EBH 15.52 164 iPd 40 51.60 -2.2
1.0s 89.00nm 5.0mb
EAU 15.92 164 iPd 40 58.50 -0.5
0.9s 109.00nm 5.0mb
ESY 15.93 162 iPd 40 58.60 -0.4
1.2s 125.00nm 4.9mb
EBL 16.03 163 ePd 41 02.50 2.1
1.2s 85.00nm 4.8mb
KJF 16.06 97 eP 40 59.00 -1.6
0.7s 66.70nm 4.9mb
i 41 04.00
eS 43 52.00
UPP 16.32 120 iP 41 02.30 -1.7
iS 44 12.00
EKA 16.46 164 Pd 41 05.40 -0.3
1.3s 57.20nm 4.5mb
ESK 16.47 164 eP 41 06.00 0.1
1.5s 200.00nm 5.0mb
SUF 16.62 102 eP 41 07.00 -0.7
NUR 17.84 109 iP 41 21.60 -1.4
0.9s 101.40nm 5.0mb
Z 20s 2.10um 4.7Msz
i 41 27.00
eS 44 38.00
DCN 18.17 173 eP 41 32.30 5.2X
DLE 18.26 171 eP 41 32.60 4.4X
1.0s 120.00nm 5.0mb
COP 18.69 135 iPd 41 33.50 0.1
1.0s 164.00nm 5.2mb
WIT 20.23 148 eP 41 54.00 3.0X
WTS 21.04 148 eP 41 58.00 -1.4
1.0s 59.00nm 4.9mb
e 42 02.50
UCC 21.81 153 P 42 05.70 -1.5
i 42 10.00
S 46 13.00
BRL 21.86 137 eP 42 09.00 1.4
BRN 21.89 137 ePd 42 09.00 1.1
ENN 22.08 150 ePc 42 09.00 -0.9
1.0s 335.00nm 5.7mb
e 42 12.50

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                    e      42 22.00
BNS      22.10 148 eP      42 10.30    0.2
         1.3s   180.00nm            5.4mb
MEM      22.25 150 Pc      42 10.50   -1.1
FRB      22.31 279 eP      42 12.00    0.0
                   pP      42 19.00  25kmX
STB      22.40 149 eP      42 12.20   -0.9
DOU      22.53 153 Pc      42 14.40    0.0
         1.0s    80.00nm            5.2mb
      Z  16s      1.20um          4.4MszX
                    e      42 25.00
                    S      46 28.00
CLL      22.89 139 iP      42 17.50   -0.4
         1.4s   120.00nm            5.2mb
                   eS      46 28.00
TNS      23.03 147 eP      42 20.50    1.1
WLF      23.19 151 Pc      42 20.80    0.0
                    e      42 26.00
FLN      23.21 162 eP      42 21.20    0.1
         1.0s    56.00nm            5.1mb
MOX      23.23 141 eP      42 21.00   -0.3
         1.8s   115.00nm            5.1mb
      Z  16s      0.90um          4.3MszX
      N  16s      1.40um
      E  16s      1.10um
                   eS      46 35.00
LDF      23.42 161 iPd     42 24.00    0.9
         1.0s    60.00nm            5.1mb
BRG      23.50 138 iP      42 23.50   -0.3
         1.5s    78.00nm            5.0mb
      Z  20s      2.00um           4.6Msz
      N  20s      1.50um
      E  20s      1.50um
                    i      42 40.00
GRR      23.55 163 eP      42 24.60    0.3
         1.0s    50.00nm            5.0mb
HOF      23.60 141 eP      42 26.00    1.2
LPF      23.88 163 eP      42 28.40    0.8
         1.0s    64.40nm            5.2mb
GRF      24.06 143 eP      42 30.20    0.9
      Z  18s      1.00um           4.3Msz
GWF      24.09 149 eP      42 30.20    0.5
PRU      24.46 137 Pc      42 34.00    0.8
         1.7s   111.70nm            5.2mb
      Z  14s      1.30um          4.6MszX
      N  14s      1.00um
      E  13s      0.90um
                    e      43 07.00
                    S      47 00.00
BUH      24.49 148 eP      42 33.10   -0.4
CDF      24.58 150 eP      42 35.60    1.1
HAU      24.83 151 eP      42 38.00    1.2
WET      24.91 141 iPd     42 39.80    2.2
GRC      25.07 157 iPc     42 39.20    0.2
KHC      25.07 140 iPd     42 40.50    1.4
         1.0s    42.50nm            5.1mb
      Z  15s      0.80um          4.3MszX
      N  14s      0.50um
      E  15s      0.40um
                    e      43 38.20
BSF      25.07 151 eP      42 39.80    0.6
         1.0s    62.90nm            5.3mb
LOR      25.19 156 iPd     42 40.20   -0.1
         1.1s    51.20nm            5.1mb
SSF      25.35 156 eP      42 41.40   -0.3
         1.2s    27.90nm            4.8mb
MFF      25.39 162 eP      42 42.30    0.2
         1.0s    53.60nm            5.2mb
LBF      25.49 155 iPd     42 42.90   -0.2
         1.1s    76.80nm            5.3mb
AVF      25.60 157 eP      42 44.80    0.8
         1.2s    35.30nm            4.9mb
KRA      25.65 130 eP      42 44.20   -0.3
         1.3s    54.00nm            5.1mb
      Z  14s      3.00um          5.0MszX
      N  14s      2.10um
      E  16s      3.10um
                    i      42 48.20
                    i      42 54.70
                   eS      47 17.00
BGF      25.76 157 eP      42 45.00   -0.6
         1.1s    63.30nm            5.2mb
SMF      25.80 156 eP      42 46.00    0.0
         1.2s    89.20nm            5.3mb
LSF      25.91 160 eP      42 46.60   -0.4
         1.2s    71.60nm            5.2mb
TCF      25.95 159 iPd     42 46.80   -0.6
         1.1s    85.90nm            5.4mb
MZF      26.07 158 iPd     42 47.80   -0.7
         1.2s    99.10nm            5.4mb
MBC      26.45 329 eP      42 52.00    0.3
         1.2s    50.00nm            5.1mb
VKA      26.48 136 eP      42 54.00    1.8
      Z  12s      0.90um          4.5MszX
                    e      43 58.00
SPC      26.53 130 eP      42 53.10    0.2
ZST      26.72 135 eP      42 54.70    0.3
                    i      43 00.50
RJF      26.84 160 iPd     42 55.80    0.2
         0.8s    29.50nm            5.0mb
KBA      26.98 141 iPd     43 01.80    4.8X
         1.0s    29.60nm            4.9mb
                    i      43 05.40
                    i      44 35.30
LFF      27.12 161 eP      42 58.00   -0.1
         1.0s    50.00nm            5.2mb
JOS      27.25 130 eP      42 59.50    0.3
CAF      27.28 159 iPd     43 00.20    0.6
         1.1s    43.90nm            5.1mb
LPG      27.34 152 eP      43 01.20    0.7
         1.0s    23.00nm            4.9mb
SCH      28.69 264 eP      43 12.00   -0.3
EPF      28.97 162 iPd     43 14.20   -0.7
         1.0s    40.00nm            5.2mb
CDR      28.98 154 ePd     43 10.30   -4.6X
MLS      29.12 161 eP      43 16.20    0.0
LGR      29.30 167 eP      43 27.50    9.7X
EBR      31.18 163 (P)     43 50.00   15.6X
                    e      48 44.00
VRI      31.27 124 eP      43 37.00    1.8
CMP      31.38 127 ePd     43 36.00   -0.3
TOL      31.76 170 eP      43 42.00    2.4
                    e      48 50.00
PVL      33.40 128 iPd     43 53.00   -0.8
VTS      33.43 131 iPd     43 56.00    2.0
SKO      33.60 133 eP      44 07.00   11.4X
                   iS      49 25.00
                   iSSS    52 22.00
OHR      34.27 135 eP      43 50.00  -11.5X
VAY      34.48 132 iP      44 03.00   -0.2
MMB      34.51 131 eP      44 04.00    0.5
KDZ      34.86 129 iP      44 06.00   -0.5
INK      35.42 327 iPc     44 10.30   -0.6
YKC      36.48 311 eP      44 20.00    0.1
         1.2s    71.00nm            5.4mb
YKA      36.50 311 eP      44 21.30    1.2
RSNT     36.50 311 P       44 20.00   -0.1
         1.0s    55.00nm            5.3mb
DST      37.61 126 iP      44 31.30    1.5
IZM      38.40 128 iP      44 38.90    2.5
FFC      39.77 295 eP      44 47.00   -0.6
         1.1s    41.00nm            5.0mb
YER      39.86 128 eP      44 51.90    3.4X
RSNY     40.09 263 e(P)    44 36.30  -14.1X
IMA      40.50 338 eP      44 54.00    0.4
RSON     40.64 285 P       44 54.30   -0.4
FBA      40.82 333 eP      44 57.00    0.9
LHC      41.39 280 eP      45 01.50    0.6
TTA      43.81 338 P       45 16.50   -4.1X
PME      44.11 333 eP      45 23.20    0.2
TAB      44.12 107 eP      45 30.00    6.5X
EDM      44.30 303 iPc     45 24.80    0.2
         0.9s    94.00nm            5.6mb
JER      46.75 122 eP      45 42.00   -2.4
PRNI     48.04 123 eP      45 53.50   -1.1
PNT      49.51 305 eP      46 06.00    0.4
         1.0s    24.00nm            5.1mb
NEW      49.81 303 eP      46 08.00    0.0
MHI      49.89  95 eP      46 13.00    4.2X
LRM      50.74 298 eP      46 15.20   -0.2
FVM      51.13 274 eP      46 17.30   -0.8
         0.8s     7.58nm            4.7mb
RSCP     51.75 268 eP      46 24.50    1.6
         0.7s    14.16nm            5.0mb
WMO      51.86  65 Pc      46 23.70    0.0
PRM      52.11 265 e(P)    46 21.00   -4.6X
BDW      52.69 294 P       46 28.70   -1.5
         1.2s    14.49nm            4.8mb
HPI      52.86 297 P       46 31.00   -0.5
GOL      54.26 289 eP      46 41.00   -0.7
         0.9s     6.06nm            4.6mb
RLO      54.26 278 ePd     46 39.80   -1.6
                    e      46 44.00
TUL      54.74 278 eP      46 47.60    2.6
         0.7s     4.70nm            4.6mb
      Z  19s      0.48um           4.6Msz
      N  23s      0.46um
      E  23s      0.90um
BMN      57.06 299 P       47 01.00   -0.9
EUR      57.59 298 iP      47 05.30   -0.4
         0.6s     3.21nm            4.5mb
ALQ      58.97 287 eP      47 14.00   -1.4
         1.2s    11.72nm            4.9mb
GTA      59.36  57 P       47 18.40    0.5
JAS1     60.29 301 P       47 22.50   -1.[illegible]
JCT      61.03 279 iP      47 28.20   -1.1
         1.0s    21.50nm            5.2mb
      Z  20s      0.53um           4.7Msz
CN2      61.06  35 eP      47 31.80    2.5
CLC      61.47 297 eP      47 32.00   -0.3
GSC      61.72 297 eP      47 34.00    0.0
ISA      61.86 298 eP      47 35.00    0.1
SDW      62.45 297 P       47 38.00   -0.9
SBB      62.59 297 eP      47 40.00    0.2
NDI      62.60  82 eP      47 36.00   -3.8X
SNY      62.61  37 Pd      47 43.20    3.5X
TPC      62.62 295 eP      47 41.00    1.0
BJI      62.80  43 P       47 44.50    3.5X
MWC      63.09 297 eP      47 29.00  -14.2X
GLA      63.25 294 eP      47 44.00   -0.1
PLM      63.56 296 eP      47 46.00   -0.3
BAR      64.13 295 eP      47 50.00    0.1
KIC      65.05 173 eP      48 00.50    4.6X
BNG      69.44 148 iPd     48 24.40    0.8
         1.0s    28.00nm            5.4mb
                   id      48 30.00
                   id      48 43.10
MAT      70.21  26 (P)     48 32.00    3.9X
                   (S)     57 24.00
GYA      73.43  56 P       48 48.40    0.8
     S.D. = 1.1  on 124 of 150 obs.
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 * JUN 16, 1985 00h 43m 23.56± 0.92s
   3.427 S ±10.5km  146.789 E ±14.2km
   DEPTH = 33.0km (normal)
   4.5mb ( 2 obs.)
 BISMARCK SEA                       (203)

MOM       1.51  24 iPd     43 48.00   -0.5
MDG       2.07 209 eP      43 55.00   -1.7
LAT       3.21 176 eP      44 18.00    5.1X
PMG       5.95 177 eP      44 55.00    3.2X
JAY       6.14 278 ePd     44 55.00    0.5
CTA      16.57 182 iPc     47 22.00    6.9X
         1.5s    66.67nm            4.5mb
WB2      20.41 216 iPc     48 00.30   -0.4
WRA      20.42 216 Pc      48 00.70   -0.1
         0.8s    18.00nm            4.5mb
KNA      21.55 234 eP      48 12.00   -0.3
ASPA     23.66 211 eP      48 35.00    1.9
                   eS      52 56.00
BRS      24.51 167 eP      48 42.00    0.7
     S.D. = 1.2  on  8 of  11 obs.
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   JUN 16, 1985 01h 40m 32.57± 0.49s
   52.235 N ±10.1km  159.972 E ± 7.0km
   DEPTH = 33.0km (normal)
   4.8mb ( 31 obs.) 4.2Msz ( 2 obs.)
 OFF EAST COAST OF KAMCHATKA        (219)

MDJ      21.43 261 eP      45 18.50   -1.1
MAT      21.96 233 eP      45 27.00    2.0
         0.8s    26.12nm            4.7mb
      Z  20s      0.89um           4.2Msz
                   (S)     49 34.00
CN2      24.39 264 Pd      45 47.80   -0.9
SNY      26.63 262 eP      46 10.70    1.0
MBC      37.86  23 eP      47 48.00    0.6
ALE      43.79   7 eP      48 35.00   -1.1
         0.8s     7.00nm            4.5mb
YKA      43.85  42 eP      48 37.20    0.4
WMO      47.19 290 eP      49 01.20   -2.5
KEV      53.61 342 eP      49 51.00   -1.1
SOD      55.69 340 iP      50 11.00    3.7X
EUR      56.73  67 iP      50 15.20   -0.3
         0.2s     4.74nm            5.2mb
CHG      57.66 259 iPc     50 22.80    0.8
         0.8s     8.58nm            4.9mb
BDW      58.00  60 eP      50 24.30   -0.1
KJF      58.13 338 iP      50 23.50   -1.2
         0.7s    36.00nm            5.6mb
```

16d 01h

KKN	59.37	277	eP	50 33.00	-1.1
	0.6s		19.00nm		5.4mb
PKI	59.45	276	eP	50 33.50	-1.3
	0.7s		18.00nm		5.3mb
DMN	59 60	277	eP	50 35.20	-0.5
	0.7s		33 00nm		5.6mb
SUF	59.76	337	iP	50 35.30	-0.8
	0 6s		28.70nm		5.6mb
RSSD	59.95	56	e(P)	50 36.30	-1 6
UPP	64.21	340	iP	51 05 40	-0 4
NB2	64.35	344	P	51 06.60	-0 2
	0.7s		4.60nm		4 7mb
HFS	64.75	342	eP	51 08.60	-0.7
	0.3s		4.00nm		5.0mb
ALQ	65.28	65	e(P)	51 13.00	-0.4
TUL	70.27	57	eP	51 42.40	-1.8
	0.6s		6.70nm		4.9mb
Z	19s		0.12um		4.2Msz
RLO	70.46	56	e(P)	51 45.50	0.1
HYB	71.20	274	ePc	51 49.60	-0.6
EKA	71.89	350	Pc	51 52.70	-1.0
	0.9s		4.90nm		4.5mb
WTS	73.71	343	eP	52 05.00	0.6
	0.6s		6.00nm		4.8mb
PRU	74.02	338	P	52 06.20	0.0
GBA	74.81	273	Pd	52 11.30	0.0
	0.9s		16.90nm		5.0mb
GRF	75.04	340	eP	52 12.90	0.7
KHC	75.04	338	iPc	52 12.50	0.2
			e	52 25.50	
ENN	75.05	343	eP	52 12.00	-0.2
	1.0s		15.00nm		4.9mb
MEM	75.19	343	Pc	52 13.10	0.1
DOU	75.93	344	P	52 21.80	4.6X
KBA	77.02	337	iPd	52 24.70	1.1
	0.7s		20.30nm		5 3mb
CDF	77.06	342	eP	52 23.70	0.0
	1.0s		8.00nm		4 7mb
HAU	77.63	342	eP	52 26.70	0.0
BSF	77.71	342	eP	52 27.10	-0.2
	1.0s		8.80nm		4.7mb
ZUL	77.73	341	ePd	52 27.80	0.5
FLN	78.01	347	eP	52 28.50	-0.3
GRR	78.43	347	eP	52 31.10	0.0
LOR	78.79	344	eP	52 33.10	0.0
	1.0s		6.80nm		4.6mb
GRC	78.90	344	iPc	52 33.90	0.3
LBF	79.04	344	eP	52 34.40	-0.1
SSF	79.05	344	eP	52 34.60	0.1
	0.8s		4.50nm		4.5mb
MMK	79.18	341	ePd	52 36.80	1.2
DIX	79.27	341	ePd	52 37.40	1.3
AVF	79.34	344	eP	52 36.50	0.4
	1.0s		8.30nm		4.7mb
EMS	79.37	341	ePd	52 37.70	1.2
SMF	79.39	344	eP	52 36.90	0.5
	1.0s		6.00nm		4.5mb
BGF	79.65	344	eP	52 38.00	0.2
	0.8s		3.00nm		4.3mb
LPG	79.96	341	eP	52 41.00	1.2
	0.9s		11.20nm		4.9mb
TCF	80.02	345	eP	52 40.00	0.2
	0.8s		3.70nm		4.4mb
LSF	80.16	345	eP	52 40.90	0.4
	0.8s		5.40nm		4.6mb
RJF	81.09	345	eP	52 46.10	0.7
CAF	81.36	344	eP	52 48.10	1.2
	1.0s		10.00nm		4.8mb
LFF	81.57	345	eP	52 48.80	0.9
	1.0s		9.20nm		4.7mb
LPG	81.74	345	eP	52 49.90	1.1
	0.8s		6.40nm		4.7mb
EPF	83.49	345	eP	52 58.70	0.7
	1.0s		6.80nm		4.7mb
S.D. = 0.9		on	58 of	60 obs.	

* JUN 16, 1985 04h 20m 40.60± 1.46s
0.166 S ±14.5km 99.168 E ±14.8km
DEPTH = 101.3 ± 14.0 km
4.1mb (1 obs.)
SOUTHERN SUMATERA (274)

PPI	1.26	103	iPd	21 04.40	0.0
			i(S)	21 18.00	
PSI	2.85	355	iP	21 26.00	0.9
TSI	3.69	351	ePc	21 39.30	2.7X
KGM	4.68	62	iPd	21 49.70	-0.5
	0.5s		82.70nm		
			e	22 39.40	
IPM	5.07	21	ePd	21 55.60	0.0
			i	22 34.90	
			i	23 05.10	
BSI	6.82	326	iP	22 19.00	-0.7
			iS	23 34.00	
WRA	39.65	122	Pc	28 04.40	0.0
	0.7s		2.20nm	4	1mb
WB2	39.66	122	eP	28 04.70	0.2
S.D. = 0.7		on	7 of	8 obs.	

JUN 16, 1985 05h 05m 14.09± 0.64s
44.544 N ± 4.8km 9.761 E ± 5.4km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.3 (LDG).

FIR	1.32	125	ePn	05 45.00	6 5X
			eSn	06 03.00	
VDL	1.95	354	eP	05 48.90	1.1
MMK	1.97	321	eP	05 49.10	1.0
CVF	2.08	198	Pn	05 49.90	0.4
			Sn	06 15.20	
FOUF	2.13	271	P	06 12.00	21.9X
OSS	2.16	7	eP	05 52.40	1.6
DIX	2.26	314	eP	05 54.10	1.8
LPG	2.34	295	Pn	05 53.90	0.4
			Sn	06 23.80	
LLS	2.39	347	eP	05 55.30	1.3
FRF	2.45	247	Pn	05 54.60	-0.1
			Sn	06 23.50	
EMS	2.51	308	eP	05 59.00	3.2X
LMR	2.64	244	Pn	05 57.00	-0.5
			Sn	06 27.80	
LRG	2.68	247	Pn	05 59.10	1.0
			Sn	06 29.40	
SAX	2.72	354	eP	06 00.40	1.5
CDR	3.01	255	ePnc	06 02.80	0.2
			e	06 05.90	
			e	06 15.00	
			iSn	06 37.40	
			e	06 37.50	
			i	06 43.00	
			i	06 48.80	
			i	06 49.60	
ZUL	3.09	342	eP	06 03.80	0.0
VOY	3.27	62	ePn	06 05.80	-0.8
			e(Sn)	06 49.60	
SLE	3.34	345	eP	06 06.60	-0.8
KBA	3.56	43	i(Pn)	06 16.50	5.8X
			iPg	06 27.80	
			iSn	06 54.80	
			iSg	07 13.50	
			e	39 15.00	
LJU	3.69	64	eP	06 16.40	4.1X
			e(Pg)	06 28.90	
			eSn	06 58.40	
			e(Sg)	07 14.00	
BSF	3.88	329	Pn	06 15.00	-0.2
			Sn	06 59.20	
HAU	4.19	327	Pn	06 19.60	0.1
			Sn	07 06.60	
CDF	4.23	337	Pn	06 19.20	-0.9
			Sn	07 07.00	
BUH	4.27	346	ePn	06 19.40	-1.2
SMF	4.66	299	Pn	06 25.70	-0.4
			Sn	07 17.10	
GWF	4.67	342	ePn	06 25.20	-1.1
LBF	4.73	303	Pn	06 26.50	-0.6
			Sn	07 19.80	
LOR	4.94	306	Pn	06 29.60	-0.5
			Sn	07 24.30	
AVF	5.02	299	Pn	06 30.60	-0.6
SSF	5.05	302	Pn	06 31.50	-0.1
			Sn	07 27.70	
GRF	5.25	10	e(Pn)	06 38.50	4.1X
			ePg	06 53.00	
			e(Sg)	08 08.00	
BGF	5.26	295	Pn	06 34.20	-0.4
			Sn	07 31.20	
KHC	5.28	28	ePn	06 34.00	-1.0
			Sg	07 32.00	
MZF	5.33	291	Pn	06 34.90	-0.7
			Sn	07 33.40	
CAF	5.50	277	Pn	06 38.30	0.3
TCF	5.59	291	Pn	06 38.80	-0.6
			Sn	07 42.30	
S.D. = 0.9		on	30 of	36 obs.	

JUN 16, 1985 05h 38m 27.80± 0.86s
46.615 N ± 7.6km 9.769 E ± 6.2km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)

VDL	0.24	238	eP+	38 32.60	-0.5
OSS	0.27	74	eP+	38 33.30	-0.2
LLS	0.59	296	ePd	38 38.60	-1.3
SAX	0.70	336	eP+	38 41.60	-0.2
ZUL	1.28	313	ePd	38 52.50	0.9
MMK	1.37	246	eP	38 54.10	0.9
SLE	1.44	323	iP	38 56.50	2.5X
BUH	2.31	334	ePn	39 06.80	0.3
BSF	2.37	302	Pg	39 14.80	7.4X
			Sg	39 46.10	
CDF	2.47	318	Pn	39 09.10	0.3
			Pg	39 16.20	
			Sg	39 48.40	
HAU	2.71	302	Pn	39 11.90	-0.3
			Pg	39 19.20	
			Sg	39 55.50	
GWF	2.77	329	iPg	39 21.80	8.7X
KHC	3.59	44	ePn	39 35.40	10.7X
			eSg	40 20.80	
S.D. = 0.8		on	9 of	13 obs.	

? JUN 16, 1985 05h 57m 55.16± 1.21s
41.223 S ±22.3km 90.444 W ±16.6km
DEPTH = 10.0km (geophysicist)
4.5mb (4 obs.) 4.6Msz (1 obs.)
SOUTHERN PACIFIC OCEAN (692)

PEL	17.66	69	ePd	02 02.50	-0.4
BACH	17.69	70	eP	02 03.00	-0.2
TCA	22.98	73	ePd	02 58.80	-2.2
TPZ	26.93	50	(P)	03 19.00	-19.9X
CNCB	31.09	45	eP	04 18.00	1.6
LPB	31.25	45	eP	04 20.00	2.3
Z	22s		1.30um		4.6Msz
			LR	12 55.00	
ZOBO	31.46	44	eP	04 29.50	9.8X
ZOBO	31.46	44	eP	04 21.80	2.1
	1.0s		3.00nm		4.2mb
VAO	40.58	77	eP	05 34.80	-1.8
			e	05 41.70	
BOG	48.02	22	eP	06 38.50	1.7
			eS	13 46.00	
SBA	52.69	195	eP	07 12.90	1.6
SOB1	54.02	68	eP	07 12.10	-9.7X
			e	07 20.50	
			e	07 28.00	
			e	07 38.00	
JCT	71.87	352	eP	09 19.00	-1.0
	1.0s		6.00nm		4.6mb
TUL	76.92	356	eP	09 47.90	-1.1
	0.9s		11.70nm		5.0mb
			e	09 55.90	
RLO	77.13	356	eP	09 48.60	-1.6
			e	09 57.40	
ALQ	77.21	347	eP	09 50.00	-0.9
	1.0s		3.25nm		4.4mb
S.D. = 1.8		on	13 of	16 obs.	

JUN 16, 1985 06h 03m 47.10± 0.34s
28.621 N ± 8.1km 140.550 E ± 5.3km
DEPTH = 33.0km (normal)
4.9mb (14 obs.)
BONIN ISLANDS REGION (212)

MAT	8.14	347	eP	05 48.00	2.1
	0.7s		12.33nm		5.1mb
			(S)	07 44.00	
NJ2	19.03	286	eP	08 10.60	1.6
SNY	19.08	318	eP	08 05.20	-4.3X
TIA	21.14	297	Pd	08 31.10	-0.4
BAG	22.05	241	eP	08 42.50	1.6
BJI	23.05	306	eP	08 52.50	2.1
TIY	25.15	298	eP	09 10.10	-0.7
HHC	26.64	305	eP	09 28.40	3.8X
XAN	27.49	289	eP	09 31.00	-1.4
BTO	27.68	304	eP	09 35.00	0.8
CD2	31.93	283	eP	10 11.00	-1.0
GTA	35.17	299	P	10 39.20	-0.9
CHTO	39.15	265	eP	11 12.80	-0.9

	0.8s	3.29nm		4.1mb		
		e	11	24.30		
KKN	48.34	283 eP	12	28.00	0.1	
	0.8s	16.00nm		5.1mb		
WB2	48.65	188 iPc	12	29.80	-0.2	
WRA	48.65	188 Pc	12	30.10	0.1	
	1.0s	11.10nm		4.8mb		
INK	62.26	25 ePd	14	06.10	-1.6	
QUE	63 04	291 eP	14	19.00	5.4X	
MBC	64.80	15 eP	14	23.50	-0.8	
	0.9s	16.00nm		5.1mb		
ALE	68.54	3 eP	14	47.00	-0.9	
	0.7s	4.00nm		4.6mb		
YKA	71.49	28 eP	15	05.70	-0.4	
YKC	71.55	28 eP	15	05.00	-1.5	
	0.7s	9.00nm		4.9mb		
DAG	74.08	355 iPd	15	20.00	-1.1	
	0.8s	8.21nm		4.8mb		
PNT	74.81	42 eP	15	26.00	0.2	
	0.8s	10.00nm		4.9mb		
NEW	76.76	42 eP	15	37.00	0.1	
SES	79.14	38 eP	15	49.50	-0.4	
JAS1	79.48	53 P	15	52.90	0.9	
BMN	80.46	49 P	15	58.30	0.9	
LRM	80.74	43 eP	15	59.20	0.3	
FFC	81.21	31 eP	16	01.00	0.2	
	1.1s	19.00nm		5.0mb		
NB2	81.66	338 P	16	01.00	-2.1	
	0.8s	5.20nm		4.6mb		
EUR	81.77	50 iP	16	05.00	0.6	
	2.0s	34.44nm		5.0mb		
CLC	82.48	53 eP	16	08.00	0.1	
YMT3	82.82	52 P	16	10.30	0.6	
SBB	82.88	54 eP	16	10.00	0.0	
GSC	83.30	53 eP	16	12.00	-0.2	
PRN	83.45	51 P	16	14.10	1.1	
BDW	84.13	44 P	16	16.80	0.4	
	1.0s	6.00nm		4.7mb		
PLM	84.24	55 eP	16	17.00	-0.1	
TPC	84.44	54 eP	16	18.00	0.1	
BAR	84.72	56 eP	16	20.00	0.7	
FRB	85.12	13 eP	16	20.00	-0.6	
GLA	85.86	55 eP	16	26.00	1.0	
RSSD	86.63	41 P	16	28.90	0.1	
RSON	87.53	31 P	16	32.50	-0.3	
ALO	90.60	49 eP	16	48.20	0.3	
	1.0s	3.75nm		4.7mb		
LHC	91.29	31 eP	16	51.00	0.5	
ARE	148.13	75 e(PKP)	23	28.00	-0.7	
ZOBO	150.87	71 ePKPc	23	39.80	6.5X	
LPB	151.02	72 PKPd	23	40.80	7.5X	
	1.0s	20.00nm				
		LR	46	35.00		
CNCB	151.25	72 PKP	23	41.00	7.2X	
	S.D = 1.0	on 45 of 51 obs.				

* JUN 16, 1985 06h 10m 25.55± 1.16s
18.590 N ± 8.3km 145.576 E ±23.1km
DEPTH = 169.6 ± 9.9 km
4.8mb (3 obs.)
MARIANA ISLANDS (216)

GUMO	5 02	188 eP	11	41.20	0.9	
PJG	5.02	188 eP	11	40.20	-0.1	
GUA	5.06	187 eP	11	40.20	-0.7	
	0.6s	112.00nm		5.2mb		
		eS	12	37.50		
MAT	19.02	342 (P)	14	37.00	0.1	
		(S)	21	10.00		
MOM	20.58	175 iPd	14	51.80	-1.0	
CTA	38.44	179 iPc	17	34.00	1.5	
	0.6s	3.33nm		4.2mb		
WB2	39.85	197 iPd	17	44.00	0.0	
WRA	39.85	197 Pd	17	44.00	-0.1	
	0.6s	13.50nm		4.8mb		
MBL	46.86	214 iPd	18	41.00	0.5	
WBN	48.14	203 eP	18	51.00	0.6	
MRWA	55.45	212 eP	19	44.30	-0.4	
BAL	56.25	210 iPd	19	50.10	-0.4	
MUN	57.62	210 iPd	19	59.70	-0.4	
NWAO	57.95	208 eP	20	02.00	-0.3	
YKA	78.14	28 eP	22	06.80	-0.2	
	S.D. = 0.7	on 15 of 15 obs.				

* JUN 16, 1985 07h 25m 01.48± 0.94s
13.313 N ±16.4km 90.236 W ± 9.9km
DEPTH = 33.0km (normal)

4.3mb (9 obs.)
NEAR COAST OF GUATEMALA (71)

COM	3.45	328 iP	25	59.90	5.5X	
		iS	26	46.00		
PBJ	5.88	302 iP	26	26.00	-2.7	
		iS	27	36.00		
VHO	7.38	303 iP	26	48.00	-1.9	
		iS	28	15.00		
PIO	8.22	293 iP	26	59.00	-2.4	
TPM	10.18	305 iP	27	30.50	1.8	
III	10.21	301 eP	27	29.00	-0.1	
TAC	10.51	306 eP	27	35.00	1.7	
OXM	10.85	304 eP	27	40.50	2.5	
BOG	18.14	117 eP	29	14.00	0.9	
JCT	19.23	334 eP	29	26.30	0.4	
	1.0s	16.50nm		4.2mb		
LTX	20.23	324 eP	29	37.50	0.7	
	0.9s	6.50nm		4.0mb		
RSCP	22.58	10 P	30	01.30	0.9	
TUL	23.05	348 eP	30	04.50	-0.4	
	0.8s	10.00nm		4.4mb		
OCO	23.06	345 e(P)	30	05.40	0.4	
RLO	23.16	350 eP	30	06.20	0.2	
ALO	26.06	329 eP	30	34.00	0.1	
	1.0s	3.25nm		3.9mb		
GLA	29.82	315 eP	31	08.00	0.1	
RMU	30.06	326 eP	31	11.00	0.9	
	1.0s	2.30nm		3.0mb		
BAR	30.90	313 eP	31	18.00	0.6	
PLM	31.40	314 eP	31	22.00	0.0	
MWC	32.70	314 eP	31	34.00	0.6	
SBB	32.80	315 eP	31	34.00	0.0	
RSSD	32.90	342 P	31	35.50	0.5	
YMT3	33.09	320 P	31	38.80	2.2X	
CLC	33.28	317 eP	31	39.00	0.8	
EUR	34.56	324 iP	31	50.50	1.1	
	0.2s	8.37nm		5.3mb		
BMN	35.91	324 P	32	02.00	1.2	
RSON	37.55	356 P	32	12.00	-2.3	
	0.9s	15.97nm		4.9mb		
YKC	52.05	346 eP	34	08.00	-2.0	
YKA	52.09	346 eP	34	09.00	-1.3	
SOB1	53.86	112 eP	34	23.60	-0.4	
INK	61.57	343 eP	35	14.00	-3.6	
MBC	64.81	353 eP	35	37.00	-1.8	
	0.8s	5.00nm		4.7mb		
EKA	77.52	36 P	36	52.00	-3.4X	
	1.2s	5.30nm		4.4mb		
	S.D. = 1.4	on 30 of 34 obs.				

* JUN 16, 1985 07h 45m 19.50± 0.63s
52.419 S ±12.5km 26.314 E ±20.4km
DEPTH = 10.0km (geophysicist)
4.5mb (3 obs.)
SOUTH OF AFRICA (430)

MAW	23.27	145 eP	50	29.00	1.5	
SLR	26.69	4 e(P)	51	02.00	1.4	
BUL	32.26	4 iPd	51	50.20	-0.2	
SPA	37.77	180 eP	52	36.70	-0.4	
	1.0s	7.00nm		4.4mb		
BNG	57.02	351 ePc	55	07.50	-0.2	
	0.7s	3.00nm		4.4mb		
		id	55	15.60		
TPZ	76.26	253 Pd	57	01.40	-9.0X	
CNCB	79.44	256 P	57	29.00	0.8	
LPB	79.73	256 P	57	31.00	1.5	
WRA	84.85	116 Pc	57	55.20	-0.4	
	1.2s	13.00nm		5.0mb		
WB2	84.86	116 eP	57	55.20	-0.4	
RSSD	146.51	276 ePKP	04	59.10	-1.5	
	1.0s	10.50nm				
BDW	149.17	270 ePKP	05	02.70	-2.2	
	1.0s	3.00nm				
	S.D. = 1.3	on 11 of 12 obs.				

* JUN 16, 1985 08h 42m 00.76± 1.26s
16.955 N ±12.7km 92.357 W ±15.2km
DEPTH = 33.0km (normal)
CHIAPAS, MEXICO (61)

COM	0.73	163 eP	42	15.00	0.2	
PBJ	2.97	260 eP	42	45.00	-1.7	
VHO	4.19	274 eP	43	06.00	1.8	
TPM	6.69	289 eP	43	46.00	6.5X	
RLO	19.28	353 eP	46	25.50	-0.2	
ALO	21.90	328 e(P)	46	53.00	-0.1	
	S.D. = 1.7	on 5 of 6 obs				

? JUN 16, 1985 08h 55m 24.16±16.84s
33.996 S ±55.8km 72.264 W ±124.km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.71	87 iPc	55	37.70	0.0	
		iS	55	52.00		
TACH	1.16	73 iPd	55	44.00	-0.1	
		iS	56	03.50		
CHCH	1.34	88 iPd	55	47.20	0.4	
SAN	1.44	68 iPc	55	48.50	0.3	
ROCH	1.46	46 iP	55	48.50	-0.2	
PCH	1.50	76 iPd	55	49.40	0.2	
PEL	1.57	58 iPc	55	50.50	0.4	
		iS	56	17.00		
BACH	1.61	67 iPc	55	51.10	0.4	
		iS	56	18.30		
FCH	1.78	68 iPd	55	53.60	0.2	
JACH	1.92	47 eP	55	55.50	0.3	
MDZ	3.06	70 i(P)	56	21.00	9.6X	
TCA	6.99	70 e(P)	57	05.00	-2.0	
	S.D. = 0.8	on 11 of 12 obs.				

JUN 16, 1985 09h 16m 30.42± 0.26s
0.672 S ± 4.9km 124.094 E ± 6.0km
DEPTH = 63.8km (4 depth phases)
5.0mb (13 obs.)
MOLUCCA SEA (269)

AAI	5.08	126 iPd	17	45.70	-0.1	
		iS	17	53.80		
MKS	6.46	226 iPc	18	04.00	-1.1	
		iS	19	34.00		
		e	22	31.00		
DAV	7.85	11 eP	18	26.00	1.6	
		eS	20	06.00		
CGP	9.09	4 ePd	18	58.00	16.6X	
KKM	10.31	310 ePc	19	01.00	2.7	
	1.1s	71.80nm		5.6mb		
MAP	10.92	359 eP	19	12.00	5.6X	
MTN	13.96	150 eP	19	46.00	-0.7	
OCP	15.50	349 eP	19	52.00	-14.7X	
MAN	15.52	349 eP	20	11.50	4.6X	
	0.9s	486.50nm		5.7mb		
KNA	15.68	163 eP	20	13.00	4.1X	
JAY	16.70	96 ePc	20	21.60	-0.3	
BAG	17.32	349 eP	20	31.00	1.2	
WEW	19.73	99 eP	20	57.00	-0.7	
MBL	20.78	191 eP	21	07.00	-1.7	
		e	21	14.00	26kmX	
KGM	20.94	277 ePc	21	10.80	0.5	
WRA	21.62	153 Pc	21	15.70	-1.4	
	0.8s	22.60nm		4.6mb		
WB2	21.63	153 eP	21	15.10	-2.1	
MDG	22.12	102 e(P)	21	07.00	-15.1X	
NAU	23.29	200 eP	21	34.00	0.6	
IPM	23.63	283 ePd	21	36.90	0.1	
	1.0s	33.20nm		4.7mb		
		e	21	53.20	71km	
		e	22	23.50		
PPI	23.70	270 eP	21	38.70	1.3	
QIZ	24.07	325 P	21	42.00	1.0	
SNG	24.68	289 eP	21	49.00	2.0	
ASPA	24.76	158 eP	21	48.00	0.3	
		eS	26	20.00		
PSI	25.38	278 ePd	21	53.70	0.1	
WBN	25.43	175 eP	21	57.00	3.0X	
MEK	26.34	191 eP	22	03.00	0.7	
LOE	28.42	310 eP	22	19.50	-1.8	
NST	28.71	305 eP	22	23.00	-0.9	
CTA	29.03	133 eP	22	27.00	0.2	
CHG	31.39	309 iPc	22	48.00	0.3	
	1.0s	18.75nm		4.8mb		
SSE	31.71	355 P	22	52.00	1.7	
GYA	31.78	329 P	22	51.40	0.2	
WHN	32.40	344 eP	22	57.50	1.2	
NJ2	32.92	352 eP	23	00.50	-0.3	
KMI	32.94	323 eP	23	01.50	0.1	
SHK	35.93	12 ePc	23	26.10	-0.6	
ADE	36.74	160 eP	23	31.90	-1.6	
CD2	36.88	330 eP	23	34.10	-0.6	
TIA	37.26	351 Pc	23	37.80	0.0	
XAN	37.35	339 P	23	37.00	-1.7	
BRS	38.25	136 iPc	23	46.20	-0.1	

16d 09h

MAT 39.28 18 iPc 23 53.50 -1.2
0.8s 31.34nm 5.2mb
(S) 30 50.00
TIY 39.69 345 eP 23 57.00 -1.1
YOU 40.42 148 eP 24 05.60 1.4
e 24 20.40 58km
LZH 41.14 335 eP 24 10.50 0.3
2.0s 61.00nm 5.0mb
BJI 41.16 351 eP 24 08 00 -2.1
CAN 41.55 149 eP 24 15.20 1 8
e 24 32.10 68km
WAM 42.17 150 eP 24 17.80 -0.6
e 24 33.00 59km
SNY 42.31 359 eP 24 16.20 -3.2X
HHC 42.87 346 eP 24 23.40 -0.9
CN2 44.29 1 Pd 24 35.80 0.2
pP 24 48.20 45kmX
PcP 26 19.40
MDJ 45.36 6 eP 24 43.00 -1.0
GTA 45.67 334 P 24 45.80 -1.0
ScP 30 13.20
PKI 46.56 310 eP 24 52.90 -1.4
0.9s 15.00nm 4.9mb
KKN 46.77 310 eP 24 54.20 -1.6
0.8s 24.00nm 5.2mb
DMN 46.82 310 eP 24 55.00 -1.2
0.9s 33.00nm 5.3mb
HYB 48.30 294 eP 25 06.50 -1.2
GBA 48.35 289 P 25 10.00 2.0
0.2s 1.90nm 4.7mb
NDI 53.49 307 iPd 25 44.00 -2.7
WMO 54.93 328 P 25 55.60 -1.6
MSZ 58.47 145 P 26 24.00 1.8
MNG 61.15 137 eP 26 50.00 9.3X
AVY 76.88 251 ePd 28 18.40 0.2
SBA 80.38 172 e(P) 28 43.20 7.3X
BRW 87.16 18 eP 29 12.40 2.1
IMA 87.45 24 eP 29 13.00 1.0
CLK 88.97 254 eP 29 23.00 2.8
SPA 89.33 180 e(P) 29 24.00 3.0X
FBA 89.80 25 eP 29 24.40 1.4
MTD 92.21 253 iPd 29 36.00 0.8
KEV 93.09 340 eP 29 58.00 19.9X
KJF 93.39 334 eP 29 38.00 -1.5
SOD 93.50 337 eP 29 38.00 -2.0
KRI 94.10 253 iPd 29 44.00 0.1
SUF 94.24 333 eP 29 42.00 -1.5
BUL 94.92 250 iPd 29 48.10 0.4
INK 95.21 21 eP 29 48.00 0.1
MBC 96.79 12 eP 29 56.00 1.0
HFS 100.63 331 ePdiff30 10.40 -2.1
0.5s 1.30nm 4.8mb
DAG 101.24 352 iPdiff30 13.70 -1.2
0.8s 5.97nm 5.3mb
YKA 104.57 24 ePdiff30 45.90 15.9X
EUR 113.18 47 iPKP 35 04.20 1.2
0.2s 0.56nm
RSSD 119.26 38 ePKP 35 14.90 0.4
0.9s 12.18nm
ALQ 121.91 48 ePKP 35 21.00 1.2
1.0s 5.25nm
e 35 43.00
LHC 124.41 26 ePKP 35 24.50 0.6
JCT 128.90 50 iPKP 35 34.00 0.8
1.0s 20.00nm
TUL 129.03 42 ePKP 35 35.40 2.2
1.0s 6.30nm
Z 23s 0.04um 4.0MszX
BACH 143.47 159 ePKPd 35 59.00 -1.1
PEL 143.59 159 iPKPd 35 59.10 -1.2
SLA 153.10 160 ePKP 36 25.40 9.8X
TPZ 154.69 151 ePKP 36 33.00 14.9X
YJA 155.44 158 ePKPd 36 23.00 3.8X
CNCB 158.94 146 ePKP 36 29.00 5.2X
LPB 159.10 145 PKPd 36 26.00 2.2
SOB1 162.11 236 ePKP 36 28.60 2.1
e 37 15.10
e 37 26.40
S.D. = 1.3 on 79 of 96 obs.

* JUN 16, 1985 10h 02m 50.62± 1.57s
3.569 N ±16 0km 74.269 W ±17.3km
DEPTH = 33.0km (normal)
COLOMBIA (103)

BOG 1.07 11 eP 03 08.50 -1.1
eS 03 26.50
CHN 1.93 316 eP 03 22.00 0.1
BMG 3.68 19 iP 03 48.10 1.4
PSO 3.86 232 eP 03 49.50 0.0
SDV 6.40 34 ePn 04 24.90 -0.4
TOV 7.61 36 eP 04 32.00 -10.1X
S.D. = 1.3 on 5 of 6 obs.

& JUN 16, 1985 10h 22m 58.95s
47.437 N 121.851 W
DEPTH = 17.8km
WASHINGTON (29)
<SEA>. CL 3.1 (SEA), ML 3.4
(NEIS).

GMW 0.64 280 iP 23 11.30 -0.1
LON 0.69 178 eP 23 11.50 -0.7
SHW 1.27 192 eP 23 21.20 -0.8
BFW 1.33 225 eP 23 22.50 -0.3
MCW 1.41 332 eP 23 23.30 -0.5
PNT 2.40 38 eP 23 38.00 0.0
MFW 2.83 122 eP 23 43.50 -0.6
NEW 3.29 74 eP 23 48.00 -2.7
eLg 24 41.00
8 obs. associated

& JUN 16, 1985 10h 26m 58.80s
32.960 N 117.820 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 3.9 (PAS).

SLBC 0.46 85 iP 27 07.80 -0.3
eS 27 14.50
CPE 0.61 97 eP 27 10.50 -0.5
CIS 0.66 312 iPc 27 11.10 -1.0
BAR 1.01 106 iPc 27 17.00 -1.3
IKP 1.47 102 iPd 27 24.70 -1.3
SDW 1.76 20 iP 27 29.30 -0.8
GLA 2.52 87 eP 27 38.70 -2.2
BLP 2.68 307 eP 27 40.30 -2.9
WKTM 2.87 350 eP 27 44.00 -2.1
VPEM 2.98 0 eP 27 45.70 -2.0
JAS1 5.39 338 eP 28 18.70 -3.0
EUR 6.68 12 iP 28 40.00 -0.1
RMU 6.96 52 e(P) 28 48.00 4.1
ALQ 9.64 75 eP 29 26.00 4.6
14 obs. associated

? JUN 16, 1985 10h 53m 10.55± 1.03s
56.262 S ±14.2km 147.361 E ±55.1km
DEPTH = 10.0km (geophysicist)
4.4mb (1 obs.)
WEST OF MACQUARIE ISLAND (701)

WAM 20.10 4 eP 57 47.90 1.0
CAN 20.97 4 eP 57 50.70 -5.3X
YOU 22.00 2 eP 58 05.20 -1.1
S8A 22.71 169 eP 58 13.00 0.0
BRS 29.11 10 e(P) 59 17.00 3.6X
WB2 37.55 340 eP 00 26.00 -0.5
WRA 37.55 340 P 00 27.00 0.5
0.8s 5.20nm 4.4mb
S.D. = 1.2 on 5 of 7 obs.

* JUN 16, 1985 11h 07m 19.26± 1.08s
40.132 N ±11.7km 25.531 E ±10.6km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN 0.68 116 iPg 07 32.90 0.1
iSg 07 47.90
KGT 1.39 76 ePn 07 43.60 -1.1
KDZ 1.51 355 iP 07 41.00 -5.4X
EDC 1.80 82 ePn 07 52.00 1.5
DIM 1.91 1 iPd 07 50.00 -2.2
PLD 2.07 343 eP 07 53.00 -1.4
iS 08 18.00
IZM 2.19 142 ePn 07 55.40 -0.9
DST 2.44 101 iPn 08 00.00 0.2
JMB 2.46 18 iP 08 02.00 1.9
iS 08 36.00
VAY 2.54 299 ePn 08 02.00 0.8
PVL 3.02 355 iPd 08 12.00 4.0X
VTS 3.03 325 iP 08 09.00 1.0
S.D. = 1.5 on 10 of 12 obs.

* JUN 16, 1985 11h 11m 43.42± 2.08s
40.036 N ±19.2km 25.570 E ±16.3km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN 0.62 110 iPg 11 55.90 0.1
iSg 12 10.90
KGT 1.39 72 ePn 12 07.10 -1.7
KDZ 1.61 354 iP 12 04.00 -8.0X
EDC 1.78 79 ePn 12 15.00 0.5
DST 2.39 99 ePn 12 24.00 0.7
JMB 2.55 17 iP 12 26.00 0.6
VTS 3.12 326 eP 12 33.00 -0.5
PVL 3.12 355 iPc 12 34.00 0.4
GPA 3.64 84 ePn 13 06.40 25.4X
S.D. = 1.1 on 7 of 9 obs.

* JUN 16, 1985 11h 27m 49.40± 2.26s
10.623 S ±16.9km 166.059 E ±21.2km
DEPTH = 186.8 ± 17.7 km
4.2mb (2 obs.)
SANTA CRUZ ISLANDS (184)

HNR 6.13 281 eP 29 19.00 0.0
eS 29 30.00
SVO 6.32 283 eP 29 22.00 0.5
VSG 6.40 282 eP 29 28.00 5.5X
KOU 10.03 190 iPc 30 16.20 6.0X
iS 32 04.80
NOU 11.63 178 iPc 30 30.80 -0.1
iS 32 39.00
BRS 20.85 215 iPc 32 29.00 11.1X
CTA 21.27 241 eP 32 48.00 25.9X
GNZ 29.89 161 P 33 40.20 -1.3
TCW 31.32 168 eP 33 54.00 0.0
WB2 31.91 249 eP 33 58.80 -0.6
WRA 31.92 249 Pc 33 59.10 -0.4
0.7s 2.50nm 4.0mb
MAT 53.74 332 eP 36 54.00 -0.5
SBA 67.22 180 e(P) 38 25.50 0.6
SPA 79.45 180 eP 39 38.00 1.8
0.6s 4.88nm 4.4mb
SOB1 146.72 125 ePKP 47 13.60 3.9X
1.0s 17.80nm
e 47 15.20
e 47 21.20
e 47 52.70
BNG 147.23 262 iPKPd 47 15.00 4.4X
0.3s 10.00nm
S.D. = 1.0 on 10 of 16 obs.

JUN 16, 1985 11h 43m 15.16± 0.39s
56.345 S ± 5.8km 146.998 E ± 8.3km
DEPTH = 10.0km (geophysicist)
5.0mb (4 obs.) 4.9Msz (1 obs.)
WEST OF MACQUARIE ISLAND (701)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 25C
Centroid Location:
Origin Time 11:43:21.4 0.5
Lat 56.14S 0.08 Lon 146.20E 0.11
Dep 10.0 FIX Half-duration 1.9
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.67 0.07 Mtt= 1.14 0.09
Mff=-0.46 0.05 Mrt= 0.85 0.19
Mrf= 0.75 0.15 Mtf=-1.08 0.07
Principal Axes:
T Val= 1.77 Plg=12 Azm= 22
N 0.16 47 279
P -1.93 41 123
Best Double Couple:Mo=1.9*10**24
NP1:Strike=153 Dip=52 Slip= -24
NP2: 259 71 -140

DRV 10.87 195 eP 45 55.00 1.3
TAU 13.45 1 eP 46 31.00 2.6
MSZ 17.62 57 P 47 20.00 -2.1
TOO 18.81 356 eP 47 37.00 0.2
WAM 20.20 4 iPc 47 54.10 1.6
CAN 21.07 5 eP 48 02.90 1.3
YOU 22.09 3 iPc 48 12.00 0.1
ADE 22.12 342 eP 48 13.20 1.0
SBA 22.66 169 iPc 48 18.40 1.2
1.3s 50.00nm 4.9mb
WEL 23.47 62 P 48 26.00 0.7
e 50 52.00
S 52 54.00

MNG	24.33	62	eP	48	35.00	1.3
BRS	29.23	11	iPc	49	18.80	-0.2
KLB	32.04	308	iPc	49	43.30	-0.6
BAL	33.35	308	eP	49	55.00	-0.3
WBN	33.59	325	eP	49	57.00	-0.4
SPA	33.83	180	eP	50	00.10	0.7
	1.8s	57.41nm			5.2mb	
ASPA	34.03	338	iPc	50	00.90	-0.3
			eS	55	31.00	
MRWA	34.86	308	eP	50	08.50	0.2
MEK	36.06	314	eP	50	19.00	0.4
CTA	36.21	359	iPc	50	19.90	0.1
	1.1s	29.11nm			5.0mb	
			eS	56	04.00	
			i	58	38.00	
WB2	37.56	340	iPc	50	30.20	-0.9
WRA	37.56	340	Pd	50	30.10	-1.1
	0.9s	23.70nm			5.0mb	
MBL	40.49	319	eP	50	55.50	-0.1
MTN	45.10	338	eP	51	32.00	-1.1
CHG	85.05	315	eP	55	52.50	0.5
MAT	92.83	353	(P)	56	28.00	-0.5
			eS	07	46.00	
EUR	125.37	70	iPKP	02	17.00	-0.4
	1.0s	3.85nm				
TUL	133.77	89	ePKP	02	32.00	-1.2
	1.3s	9.80nm				
RLO	134.38	89	ePKP	02	33.60	-0.8
INK	137.16	33	ePKP	02	36.00	-2.6X
MBC	144.59	24	ePKP	02	49.50	-2.1
	1.5s	57.00nm				
RSON	144.61	73	ePKP	02	49.10	-3.3X
	1 0s	13.50nm				
LHC	145.64	79	ePKP	02	51.50	-2.7X
JOS	147.17	279	ePKP	02	56.50	-0.2
SPC	147.72	280	ePKP	03	00.70	2.9X
SRO	148.01	277	ePKP	03	01.60	3.6X
KRA	148.36	281	ePKP	03	02.40	3.9X
			e	03	06.90	
ZST	148.90	276	ePKP	03	02.70	3.2X
KJF	150.01	310	ePKP	03	05.00	4.4X
SUF	150.32	307	ePKP	03	06.00	4.9X
	0.8s	2.80nm				
KBA	150.35	272	ePKP	03	05.50	3.6X
	1.4s	23.40nm				
			i	03	06.40	
			i	03	15.50	
NUR	150.37	302	ePKP	03	06.00	4.8X
KSP	150.76	280	ePKP	03	07.50	5.3X
SOD	151.03	316	iPKP	03	07.50	5.4X
KEV	151.11	321	iPKP	03	08.00	5.9X
	0.5s	16.80nm				
PRU	151.29	278	PKP	03	09.10	6.1X
			e	03	15.00	
OTT	151.36	94	ePKP	03	08.00	4.8X
	1.0s	25.00nm				
KHC	151.37	275	iPKP	03	09.00	5.8X
RSNY	151.49	97	ePKP	03	08.60	5.1X
WET	151.76	275	iPKPc	03	10.00	6.2X
	1.5s	24.00nm				
FRF	151 89	260	ePKP	03	11.00	6.9X
	0.8s	7.00nm				
OSS	151 90	268	ePKP	03	10.30	6.0X
LRG	151.98	259	ePKP	03	11.30	7.1X
	1.0s	13.60nm				
BRG	152.06	279	iPKP	03	10.50	6.4X
MNT	152.59	96	ePKP	03	10.00	5.0X
LLS	152.65	268	ePKP	03	12.20	6.8X
MMK	152.73	265	ePKP	03	12.60	7.0X
CLL	152.80	279	iPKP	03	17.30	12.2X
	2.6s	60.00nm				
GRF	152.97	275	ePKP	03	12.80	7.3X
	Z 20s	0.20um			4.9Msz	
DIX	153.06	265	ePKP	03	13.50	7.5X
LPG	153.07	263	ePKP	03	10.00	3.9X
MOX	153.24	277	ePKP	03	13.00	7.2X
BSF	154.43	268	ePKP	03	12.20	4.5X
CAF	155.28	257	ePKP	03	23.80	15.0X
AVF	155.73	262	ePKP	03	08.70	-0.6
LOR	155.73	264	ePKP	03	08.80	-0.5
	S.D. = 1.1	on	33 of	66	obs.	

% JUN 16, 1985 11h 46m 07.12± 1.00s
39.117 N ± 7.8km 27.566 E ±10.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.76	198	iPg	46	21.90	-0.1
			iSg	46	35.90	
DST	0.96	59	iPn	46	25.50	0.1
EZN	1.19	307	iPn	46	29.90	0.6
EDC	1.25	10	ePn	46	31.00	0.7
KGT	1.35	351	ePn	46	30.50	-1.4
	S.D. = 1.2	on	5 of	5	obs.	

JUN 16, 1985 12h 08m 30.13± 0.49s
11.609 S ± 5.4km 117.965 E ± 7.3km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
SOUTH OF SUMBAWA ISLAND (291)

MKS	6.52	13	iPc	10	06.00	-0.3
			iS	11	13.50	
			e	12	44.00	
TRT	6.53	306	iPd	10	07.00	0.6
			iS	11	13.00	
MBL	9.66	170	eP	10	49.00	-1.0
	0.3s	27.00nm			6.0mb X	
			eS	12	28.00	
NAU	11.13	192	iPd	11	09.40	-0.6
	0.3s	35.00nm			6.0mb X	
			eS	13	04.00	
KNA	11.27	113	eP	11	12.00	-0.1
			eS	13	11.00	
MTN	12.93	97	eP	11	34.00	-0.3
			eS	13	47.00	
MEK	14.93	178	eP	12	00.00	-0.7
	0.3s	39.00nm			5.2mb	
			eS	14	32.00	
WBN	16.58	152	eP	12	22.00	0.2
	0.3s	8.00nm			4.3mb	
MRWA	17.62	186	eP	12	34.00	-0.8
			eS	15	34.00	
WRA	17.79	120	P	12	42.00	4.9X
	0.4s	0.60nm			3.1mb X	
WB2	17.80	120	eP	12	37.70	0.5
			eS	15	41.30	
BAL	18.94	183	eP	12	52.00	0.9
	0.3s	13.00nm			4.6mb	
			eS	16	06.00	
KLG	19.35	171	eP	12	58.00	2.1
			eS	16	13.00	
KLB	19.89	181	eP	13	06.00	4.3X
			eS	16	22.00	
MUN	20.34	184	eP	13	11.00	4.6X
			eS	16	39.00	
NWAO	21.23	182	eP	13	22.00	6.5X
			eS	17	01.00	
RKG	22.37	182	eP	13	46.00	19.0X
			eS	17	43.00	
PKI	50.13	322	eP	17	24.50	-0.4
	0.6s	5.00nm			4.7mb	
DMN	50.34	321	eP	17	26.30	-0.1
SOB1	150.51	226	ePKP	28	24.50	9.0X
	S.D. = 0.9	on	14 of	20	obs.	

JUN 16, 1985 12h 11m 06.08± 0.50s
17.738 N ± 9.6km 97.341 W ± 7.1km
DEPTH = 98.5 ± 10.4 km
4.2mb (2 obs.)
OAXACA, MEXICO (60)

VHO	0.77	131	iP	11	25.00	0.6
PIO	1.53	209	iP	11	32.50	-0.5
			iS	11	51.00	
TPM	2.05	307	iP	11	40.00	0.0
III	2.12	288	iP	11	41.00	0.1
			iS	12	05.00	
IIP	2.19	317	eP	11	42.00	0.0
PBJ	2.26	125	iP	11	43.00	0.5
UNM	2.36	313	eP	11	45.00	0.8
TAC	2.42	314	iP	11	57.00	12.1X
OXM	2.71	305	iP	11	49.00	0.0
IIC	2.72	318	eP	11	49.00	0.0
PIM	4.35	278	iP	12	10.50	-0.7
			iS	13	00.00	
COM	5.20	106	iP	12	22.50	-0.6
			iS	13	19.00	
JCT	12.88	350	eP	14	12.50	5.8X
	0.6s	7.33nm			4.5mb	
TUL	18.15	4	eP	15	11.40	-1.8
	0.8s	7.50nm			4.0mb	
RLO	18.47	6	eP	15	17.00	0.0
ALQ	18.96	336	eP	15	22.70	0.1

YKA	46.31	349	eP	19	25.00	1.6
SOB1	61.84	111	e(P)	21	38.00	20.5X
	S.D. = 0.9	on	15 of	18	obs.	

JUN 16, 1985 12h 35m 03.29± 0 98s
0.148 S ± 4.4km 123.805 E ± 6 3km
DEPTH = 133.6 ± 9.6 km
5.0mb (20 obs.)
MINAHASSA PENINSULA (265)

MKS	6.64	221	iPd	36	37.50	-2.2
			iS	37	51.00	
			e	41	54.00	
DAV	7.40	14	eP	36	52.00	2.0
			eS	38	25.00	
KKM	9.76	309	ePc	37	23.20	1.5
MAN	14.96	350	eP	38	33.50	4.3X
KNA	16.26	163	eP	38	45.00	-0.4
	0.5s	58.00nm			5.1mb	
BAG	16.76	349	eP	38	51.00	-0.7
JAY	17.06	98	ePc	38	55.60	0.4
KGM	20.60	276	ePc	39	36.00	2.4
MBL	21.24	190	eP	39	40.00	-0.1
WRA	22.22	153	Pc	39	48.20	-1.5
	0.7s	87.80nm			5.3mb	
WB2	22.22	153	iPc	39	48.20	-1.5
IRM	23.24	282	ePc	40	01.50	1.9
			e	40	28.00	
			e	41	03.20	
PPI	23.41	269	ePd	40	04.50	3.2X
	0.7s	51.50nm			5.1mb	
NAU	23.68	199	iPd	40	04.60	0.7
PMG	25.00	112	eP	40	16.00	-0.4
ASPA	25.35	158	iPc	40	19.10	-0.5
	0.8s	48.00nm			5.1mb	
			ePcP	43	50.00	
			eS	44	45.00	
WBN	25.98	174	iPd	40	26.00	0.7
	0.5s	13.00nm			4.8mb	
MEK	26.79	190	eP	40	32.00	-0.8
NST	28.17	305	eP	40	45.70	0.4
CTA	29.59	133	iPd	40	58.10	0.1
	1.1s	24.05nm			4.8mb	
MRWA	29.85	194	eP	40	59.00	-1.1
BAL	31.03	192	iPd	41	09.80	-0.7
KLB	31.79	190	iPd	41	16.50	-0.6
MUN	32.46	192	eP	41	22.00	-0.9
NWAO	33.19	190	iPd	41	28.80	-0.4
RKG	34.34	190	eP	41	44.00	4.9X
STK	35.77	154	iPc	41	51.10	-0.1
	0.4s	43.00nm			5.6mb	
CD2	36.28	330	eP	41	55.70	0.1
XAN	36.76	339	eP	41	58.80	-0.8
ADE	37.33	160	iPd	42	05.20	0.8
	0.7s	41.10nm			5.3mb	
CMS	37.50	148	iPc	42	06.20	0.4
BRS	38.82	137	iPc	42	16.20	-0.8
MAT	38.88	19	iPc	42	15.30	-1.9
	0.7s	20.55nm			5.0mb	
TIY	39.11	346	eP	42	19.00	-0.2
BJI	40.60	351	eP	42	30.00	-1.3
YOU	41.02	148	iPc	42	36.20	1.3
			e	43	14.90	
CAN	42.14	149	iPc	42	46.00	1.9
			i	44	37.90	
TOO	42.28	154	eP	42	47.00	1.8
	0.8s	57.00nm			5.3mb	
WAM	42.76	150	iPc	42	50.70	1.7
MDJ	44.87	6	eP	43	05.00	-0.8
GTA	45.08	334	P	43	08.00	0.2
PKI	46.01	310	eP	43	15.20	-0.4
	0.6s	8.00nm			4.6mb	
KKN	46.22	310	eP	43	16.80	-0.3
	0.5s	13.00nm			4.9mb	
DMN	46.26	310	eP	43	17.40	-0.1
	0.7s	19.00nm			4.9mb	
HYB	47.83	294	ePc	43	30.20	0.6
	0.8s	35.70nm			5.2mb	
GBA	47.91	288	Pc	43	34.80	4.6X
	0.2s	2.50nm			4.6mb	
NDI	52.94	307	eP	44	06.00	-2.2
WMO	54.34	328	eP	44	17.20	-1.1
MSZ	59.06	145	P	44	52.00	0.5
	0.7s	77.00nm			5.8mb	
TCW	61.19	138	P	45	05.50	-0.6
MNG	61.72	137	P	45	08.90	-0.9
QUE	61.83	305	eP	45	10.50	-0.4

16d 12h

GNZ	62.65	134	P	45	16.40	0.6
SBA	80.93	172	eP	47	05.30	1.7
SPA	89.85	180	eP	47	50.00	1.9
	1.0s		9.00nm			4.8mb
KJF	92.79	334	eP	48	04.00	2.6
SOD	92.91	337	eP	48	01.00	-0.9
SUF	93.65	333	iP	48	03.80	-1.6
	0.4s		2.50nm			4.9mb
KRI	93.97	253	eP	48	08.00	0 1
NUR	94.64	331	eP	48	25.00	15.0X
BUL	94.83	250	iPd	48	12.50	0.7
INK	94.83	21	eP	48	09.00	-1.7
HFS	100 04	331	(Pdiff	48	28.90	-5.5X
	0.5s		1.10nm			4.7mb
NB2	100.91	333	Pdiff	48	34.00	-4.4X
	0.7s		1.30nm			4.7mb
YKA	104.21	24	ePdiff	48	57.00	4.1X
GOL	120.40	43	ePKP	53	42.40	1.4
	0.7s		7.52nm			
ALQ	121.78	48	ePKP	53	44.90	1.2
	1.0s		7.50nm			
LHC	124.07	26	ePKP	53	48.00	0.6
JCT	128.78	50	ePKP	53	58.00	0.9
	0.9s		25.21nm			
TACH	143.63	159	ePKP	54	23.00	-1.5
PCH	143.81	160	iPKPc	54	24.20	-0.7
BACH	144.06	159	iPKPd	54	25.20	-0.1
FCH	144.16	160	ePKP	54	26.00	0.2
PEL	144.18	159	iPKPd	54	25.30	-0.2
ROCH	144.22	158	iPKPc	54	25.60	-0.2
MDZ	145.05	161	i(PKP)	54	26.30	-0.7
TCA	147.69	166	ePKPd	54	35.50	4.2X
YJA	156.03	158	ePKP	54	47.20	3.0X
CNCB	159.53	146	ePKP	54	53.00	4.5X
LPB	159.69	145	ePKP	54	51.00	2.5X
ZOBO	159.88	145	PKPc	54	51.60	2.7X
SOB1	162.15	238	ePKP	54	53.20	2.6X
	0.7s		3.50nm			
			e	55	40.10	

S.D. = 1.2 on 68 of 82 obs.

& JUN 16, 1985 13h 51m 28.48s
60.287 N 153.053 W
DEPTH = 137.6km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.16	132	iP	51	46.90	1.1
			iS	52	01.34	
RDT	0.43	48	iP	51	47.86	-0.5
AUL	0.93	192	eP	51	51.32	-0.4
NKA	1.01	62	eP	51	53.30	0.9
SPU	1.02	28	iP	51	51.94	-0.7
CRP	1.08	24	iP	51	52.77	-0.5
CGLM	1.15	26	iP	51	53.16	-0.7
BRLK	1.21	115	eP	51	53.88	-0.5
SLKM	1.42	80	eP	51	55.30	-1.4
SVW	1.51	304	iP	51	55.73	-1.9
SUA	1.63	43	eP	51	58.21	-0.9
			eS	52	21.53	
SEW	1.81	94	iP	51	59.89	-1.1
MPA	1.84	82	eP	51	59.82	-1.6
SKT	1.85	23	eP	52	00.45	-1.1
PMS	1.97	59	iP	52	01.44	-1.5
			eS	52	27.05	
PWA	2.07	47	eP	52	02.41	-1.6
PTE	2.07	72	iP	52	02.11	-2.0
PME	2.38	54	eP	52	05.61	-2.3
GHO	2.50	52	iP	52	07.24	-2.4
KNK	2.52	61	eP	52	07.48	-2.3
MSE	2.52	50	iP	52	07.51	-2.4
KDC	2.56	173	eP	52	07.49	-2.8
CFI	2.75	69	eP	52	10.99	-1.6
SML	2.76	54	eP	52	10.20	-2.6
MTG	2.81	95	eP	52	12.16	-1.2
GLI	3.00	76	eP	52	13.28	-2.7
TTA	3.01	333	eP	52	13.50	-2.6
SCM	3.19	58	eP	52	15.86	-2.6
HIN	3.26	85	eP	52	17.86	-1.5
FID	3.28	79	eP	52	16.16	-3.5
VZW	3.29	74	eP	52	17.06	-2.7
VLZ	3.41	73	eP	52	18.84	-2.4
KLU	3.69	68	iP	52	22.61	-2.5
TOA	3.80	58	eP	52	24.57	-1.9
KMP	4.11	69	eP	52	28.18	-2.5

35 obs. ossociated

JUN 16, 1985 14h 54m 51.68± 0.70s
39.234 N ± 5.9km 26.320 E ± 6.9km
DEPTH = 11.6 ± 3.9 km
TURKEY (366)

EZN	0.59	0	iPg	55	03.40	-0.1
			iSg	55	12.40	
IZM	1.11	138	iPg	55	12.90	0.5
			iSg	55	27.90	
KGT	1.43	32	iPn	55	17.50	0.0
EDC	1.63	46	iPn	55	21.00	0.7
DST	1.83	78	iPn	55	24.00	0.8
KCT	1.87	57	iPn	55	23.50	-0.3
KDZ	2.52	343	iP	55	32.00	-1.1
			iS	56	07.00	
YER	2.60	143	ePn	55	33.60	-0.8
DIM	2.86	349	eP	55	38.00	0.0
PLD	3.12	337	eP	55	50.00	8.4X
JMB	3.24	3	eP	55	56.00	12.7X
GPA	3.25	70	ePn	55	43.40	-0.2
VAY	3.55	307	iPn	55	48.40	0.7
PVL	4.00	348	iPc	55	54.00	-0.1
VTS	4.11	326	iPd	55	56.00	0.4
			iS	56	04.00	

S.D. = 0.7 on 13 of 15 obs.

JUN 16, 1985 15h 10m 43.89± 0.45s
43.280 N ± 5.4km 20.907 E ± 4.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 4.1 (TRI), 3.1 (TTG).

SKO	1.37	163	iPgd	11	09.00	0.1
			i	11	10.40	
			iSn	11	26.80	
SSR	1.69	21	eP	11	13.00	-0.6
VTS	1.82	111	iPgd	11	16.00	0.6
			iSg	11	37.00	
OHR	2.17	182	iPn	11	21.10	0.5
VAY	2.31	147	iPn	11	22.60	0.0
DEV	2.97	28	iPc	11	40.00	8.1X
PLD	3.04	111	eP	11	41.00	8.2X
BLY	3.06	300	eP	11	44.60	11.4X
			eS	12	12.10	
PVL	3.12	91	iPc	11	35.00	1.0
CMP	3.57	55	ePd	11	56.00	15.5X
DIM	3.66	108	eP	11	45.00	3.2X
KDZ	3.67	115	iP	11	42.00	0.1
			iS	12	28.00	
VLR	3.79	26	eP	11	54.00	10.3X
BUC	3.92	71	eP	12	37.50	52.1X
MLR	4.23	57	ePd	11	51.00	1.0
JMB	4.25	99	eP	11	48.00	-2.1
CVO	4.54	54	eP	11	55.00	0 7
SRO	4.89	339	e(P)	12	01.70	2.6X
			i	12	57.50	
VRI	4.90	56	eP	11	55.00	-4.3X
JOS	5.22	357	eP	12	03.70	-0.2
PSN	5.31	83	eP	12	04.00	-1.1
LJU	5.32	303	ePn	12	05.50	0.2
	1.6s		240.00nm			5.6mb X
			eSn	13	03.30	
ZST	5.59	333	eP	12	20 00	10.9X
TRI	5.66	298	i(Pn)d	12	09.50	-0.5
			e(Sn)	13	10.60	
			e(Sg)	13	41.50	
			e	13	45.00	
VOY	5.71	301	ePn	12	10.90	0 0
			eSn	13	13.30	
KBA	6.56	308	iPnd	12	22.30	-0.6
			i	12	24.10	
			iSg	13	33.80	
KHC	7.75	322	P	12	38.30	-1.1
			e	12	42.00	
			e	14	02.50	
			e	14	18.40	
PRU	8.01	329	eP	12	45.00	2.0
			e	13	07.00	
			e	14	25.20	

S.D. = 1.0 on 18 of 28 obs.

? JUN 16, 1985 16h 59m 48.99± 2.11s
35.326 N ±19.6km 22.087 E ±16.9km
DEPTH = 10.0km (geophysicist)
4.4mb (2 obs.)
MEDITERRANEAN SEA (400)
ML 4.0 (ATH).

NPS	2.88	90	ePn	00	37.50	1.7
			ePg	00	49.00	
ATH	2.95	26	ePn	00	38.70	2.0
			eSb	01	22.50	
			eSg	01	28.00	
VLS	3.09	338	ePb	00	41.50	2.8X
			eSn	01	15.50	
KZN	4.98	357	ePn	01	07.00	1.4
YER	5.32	68	ePn	01	11.10	0.6
OHR	5.86	350	ePn	01	18.30	0.2
VAY	6.00	3	iPn	01	19.00	-0.9
SKO	6.66	356	iPn	01	28.00	-1.2
KDZ	6.80	21	iP	01	29.00	-2.3
PVL	8.17	16	eP	01	57.00	6.7X
KHC	15.15	338	eP	03	31.00	6.4X
			e	04	00.90	
DOU	19.50	325	Pc	04	21.00	2.0
HFS	25.41	350	eP	05	17.00	-0.9
	0.3s		1.30nm			4.1mb
KKN	53.58	79	eP	09	11.70	-1.0
	0.5s		5.00nm			4.8mb
PKI	53.78	79	eP	09	12.80	-1.5

S.D. = 1.7 on 12 of 15 obs.

JUN 16, 1985 17h 51m 51.39± 0.71s
4.619 S ± 6.5km 153.324 E ± 4.8km
DEPTH = 91.5 ± 6.3 km
5.0mb (7 obs.)
NEW IRELAND REGION (190)
Felt (V) at Rabaul, New Britain.

RAB	1.23	290	eP	52	36.00	21.8X
BIAL	2.37	253	eP	52	29.00	-0.1
BGA	2.39	130	iPc	52	31.75	2.1
			eS	52	57.00	
PAA	2.73	128	eP	52	32.00	-2.1
			eS	53	07.00	
MOM	6.44	293	iPd	53	25.50	0.1
LAT	6.61	252	eP	53	27.50	-0.2
LMG	6.67	230	iPc	53	26.60	-2.2
MDG	7.54	265	eP	53	41.00	0.4
PMG	7.75	232	eP	53	44.00	0.5
VSG	7.84	126	eP	53	45.00	0.4
SVO	7.86	125	eP	53	44.00	-0.9
			S	55	08.00	
HNR	8.13	126	eP	53	48.00	-0.6
			eS	55	30.00	
JAY	12.77	279	ePd	54	51.20	0.4
CTA	16.85	204	iPd	55	45.00	2.0
	1.1s		31.05nm			4.5mb
			iS	58	56.00	
RMQ	22.18	191	eP	56	42.00	0.9
	0.8s		146.00nm			5.4mb
BRS	22.65	181	iPc	56	46.80	1.1
			e	56	49.00	
MTN	23.39	248	eP	56	54.00	1.1
WB2	23.95	229	eP	56	58.70	0.4
			eS	01	20.20	
WRA	23.95	229	Pd	56	59.20	0.8
	0.6s		31.10nm			4.9mb
COO	25.86	183	eP	57	17.00	0.8
KNA	26.54	244	eP	57	23.00	0.4
ASPA	26.64	223	eP	57	24.00	0.6
			eS	01	54.00	
YOU	29.87	188	eP	57	52.20	-0.2
CAN	30.81	187	eP	58	00.80	0.1
WAM	31.69	187	eP	58	08.60	0.3
WBN	33.36	227	eP	58	23.00	-0.1
	0.4s		18.00nm			5.3mb
MBL	36.42	240	eP	58	49.00	-0.1
TAU	38.50	187	eP	59	07.00	0.7
KLG	39.71	225	eP	59	16.00	-0.5
MEK	39.77	233	eP	59	17.00	-0.1
NAU	40.68	240	eP	59	24.00	-0.5
TCW	40.99	156	Pd	59	26.30	-0.5
MSZ	41.90	164	P	59	34.00	-0.2
			pP	59	59.50	110kmX
MRWA	42.97	231	eP	59	42.00	-1.2
			e	59	47.00	
MUN	44.14	227	eP	59	50.00	-2.6
CN2	54.35	335	eP	01	12.00	1.2
XAN	56.85	316	eP	01	28.00	-1.0
CD2	59.02	310	P	01	44.20	0.0
GTA	65.88	317	iPc	02	30.20	0.5
PKI	72.79	301	eP	03	12.20	-0.4
KKN	72.96	301	eP	03	11.80	-1.6
	0.6s		7.00nm			4.7mb

```
DMN    73.06 301 eP     03 14.20   0.1
       0.7s     22.00nm          5.1mb
SBA    73.53 177 eP     03 15.90   0.4
KSH    83.20 310 P      04 11.00   1.9
SPA    85.41 180 eP     04 19.80   0.0
       1.0s     16.00nm          5.0mb
YKA    95.02  28 eP     05 07.00   2.3
MTD   118.65 248 iPKPc  10 31.00  -0.4
BUL   120.39 244 iPKPc  10 33.50  -1.2
KRI   120.45 248 ePKP   10 33 00  -1.9
VAO   146.14 145 ePKP   11 21.10  -1.3
                e       11 48.30
BAO   150.84 134 ePKP   11 30.50   0.6
ITR   162.28 139 e(PKP) 11 52.00   7.9X
      S.D. = 1.1  on  50 of  52 obs.

   JUN  16, 1985  20h 08m 17.66± 0.96s
   32.699 N ± 7.8km  130.086 E ± 7.0km
   DEPTH =  12.3 ±  7.5 km
 KYUSHU, JAPAN                    (235)
      Felt (II JMA) at Unzendake and
      Nagasaki.

UNZ    0.16  75 iPd    08 21.00  -0.6
                S      08 23.20
NGS    0.18 280 Pd     08 22.60   0.6
                S      08 25.80
KUM    0.54  78 eP     08 30.00   1.5
                eS     08 35.00
SAG    0.57  19 iPc    08 28.50  -0.6
                S      08 35.60
FKK    0.91  16 iPc    08 34.40  -0.5
                S      08 46.10
KAG    1.19 160 eP     08 39.00  -0.6
SHK    2.83  49 ePc    09 04.00   0.5
MAT    7.71  58 eP     10 12.00  -0.4
                (S)    12 14.00
      S.D. = 1.0  on   8 of   8 obs.

   JUN  16, 1985  20h 56m 22.96± 0.22s
    9.430 S ± 4.0km  148.531 E ± 4.9km
   DEPTH =   5.0km  (geophysicist)
   5.2mb ( 13 obs.)
 EAST PAPUA NEW GUINEA REGION     (207)

LMG    0.64 324 iPc    56 31.00  -4.8X
PMG    1.36 271 iPd    56 52.20   3.7X
LAT    3.15 331 eP     57 13.00  -1.1
MDG    4.97 327 eP     57 43.00   3.0
BGA    7.35  64 eP     58 15.00   1.3
MOM    7.42 351 eP     58 05.00  -9.6X
PAA    7.56  66 eP     58 19 00   2.3
WEW    7.60 320 eP     58 20.00   2.9
JAY   10 38 311 ePc    59 00 00   4.3X
CTA   10.82 191 iPd    59 01.20  -0.5
      1.4s   238.37nm          6.4mb X
                iS     01 40.00
RMO   16.97 179 eP     00 25.00   2.2
WB2   17.23 231 eP     00 26.30   0.2
                eS     03 28.00
WRA   17.24 231 Pd     00 25.00  -1.2
      0.7s     17.00nm          4.3mb
MTN   17.41 257 eP     00 30.00   1.7
BRS   18.31 168 iPc    00 40.30   0.7
                e      00 51.00
                eS     04 14.00
KOU   18.79 128 iPc    00 53.80   8.3X
ASPA  19.90 223 iPc    00 59.30   0.8
                eS     04 34.00
KNA   20.28 250 eP     01 02.00  -0.4
NOU   21.44 129 iPc    01 14.10  -0.3
CMS   22.09 186 eP     01 21.00   0.2
PJG   23.15 351 e(P)   01 34.10   2.7
STK   23.25 195 eP     01 32.00  -0.2
KUPT  24.57 266 eP     01 40.00  -5.2X
YOU   24.73 180 eP     01 47.70   1.1
                e      02 12.70
CAN   25.77 179 eP     02 00.20   3.7X
                i      02 12.80
WBN   26.63 229 eP     02 05.00   0.5
MBL   29.98 244 eP     02 34.00  -0.8
MEK   33.11 235 eP     03 02.00  -0.3
NAU   34.23 244 iPc    03 12.00   0.0
MAN   36.25 311 eP     03 31.00   1.8
MRWA  36.27 233 iPc    03 29.10  -0.3
      0.5s     5.00nm          4.6mb
KRP   37.36 144 P      03 42.40   4.0X

KGM    46.45 282 ePc    04 54.00   0.9
MAT    46.74 349 iPd    04 54.30  -0.7
       0.8s     11.19nm          5.0mb
                eS     11 43.00
GZH    47.23 314 P      05 00.00   1.0
QIZ    47.48 307 P      05 02.00   0.9
SSE    48.07 328 eP     05 03.50  -2.0
     E  28s      0.30um
                e      12 00.00
IPM    49.34 284 ePd    05 15.20  -0.5
       0.7s     31.10nm          5.4mb
                e      05 32.30
PSI    50.87 281 eP     05 27.00  -0.3
WHN    51.55 322 P      05 33.00   0.8
LOE    53.38 300 eP     05 45.00  -1.2
NST    54.03 297 eP     05 51.00   0.1
GYA    54.09 312 P      05 52.60   1.3
TIA    54.17 329 Pc     05 50.80  -0.8
KHT    55.04 295 eP     06 02.10   3.7X
CHG    56.38 300 iPd    06 08.00   0.0
       1.1s     34.81nm          5.3mb
MDJ    56.45 344 eP     06 06.50  -1.6
CN2    56.98 340 eP     06 10.00  -1.9
                pP     06 14.80  16kmX
                PcP    07 10.00
XAN    57.28 321 Pd     06 13.00  -1.2
DRV    57.45 184 eP     06 14.00  -0.9
BJI    57.62 331 eP     06 11.00  -5.4X
TIY    57.78 326 eP     06 17.10  -0.6
CD2    58.75 315 eP     06 24.60   0.0
HHC    60.53 328 eP     06 36.00  -0.7
BTO    61.16 327 P      06 40.40  -0.6
LZH    61.79 320 Pd     06 45.50   0.0
                pP     06 49.00  11kmX
GTA    66.33 321 iPc    07 15.40   0 3
                pP     07 20.50  16kmX
LSA    67.51 308 P      07 22.70  -0 5
PKI    71.27 303 iPd    07 45.80  -0 4
       1.2s     95.00nm          5.8mb
KKN    71.46 303 iPd    07 47.20   0 0
       1.0s     62.00nm          5.7mb
DMN    71.54 303 iPd    07 48.00   0.3
       1.1s    157.00nm          6.0mb
HYB    74.09 291 eP     08 03.00   0.5
GBA    74.17 287 Pc     08 03.10   0.1
       0.2s      4.40nm          5.1mb
WMQ    76.37 319 iPd    08 15.50   0.3
NDI    78.46 302 iPd    08 06.00 -21.0X
SPA    80.63 180 eP     08 38.80   0.6
       1.0s     15.50nm          5.0mb
TTA    83 61  22 eP     08 53.40  -0.2
PME    85.69  25 eP     09 02.80  -1.1
       1.0s     10.00nm          4.9mb
IMA    86.22  20 eP     09 06.60   0.0
QUE    87.50 301 eP     09 14.00   0.3
FBA    87.74  22 eP     09 12.20  -1.6
       1.0s     31.00nm          5.6mb
8RW    88.30  15 eP     09 16.20  -0.2
PNL    89.20  29 eP     09 21.50   0.6
INK    94.28  21 eP     09 42.00  -2.2
ORV    95.90  51 eP     09 52.60   0.3
JAS1   96.54  53 eP     09 55.70   0.5
BMN    99.26  50 eP     10 13.00   5.4X
       0.9s      1.56nm          4.7mb
MBC    99.60  14 eP     10 12.50   4.3X
EUR   100.15  51 iPdiff 10 04.80  -7.1X
       0.5s      0.27nm          4.0mb X
MLR   119.31 317 ePKP   15 14.00  -1.4
NB2   119.68 338 PKP    15 13.60  -1.9
       0.9s      3.20nm
SRO   123.34 322 iPKP   15 25.80   3.0X
SKO   123.52 314 ePKP   15 26.00   2.6
ZST   123.90 323 ePKP   15 23.60  -0.3
BRG   124.39 327 ePKP   15 24.20  -0.6
                e      15 30.00
                e      17 14.00
PRU   124.52 326 PKP    15 24.60  -0.4
CLL   124.66 328 e(PKP) 15 29.00   3.8X
KHC   125.49 325 iPKPc  15 26.50  -0.5
                e      15 32.00
MOX   125.75 328 e(PKP) 15 27.00  -0.5
GRF   126.49 327 ePKP   15 29.00   0.1
KBA   126.67 323 e(PKP) 15 31.00   1.4
       1.2s      7.30nm
WTS   127.36 331 ePKP   15 34.00   3.6X
MEM   128.64 330 PKP    15 32.00  -0.9
                e      15 37.80

WLF   129.16 329 PKP    15 33.80  -0.1
BSF   129.96 327 ePKP   15 34.90  -0.8
       1.1s     15.30nm
HAU   130.09 327 ePKP   15 35.10  -0.7
BNG   130.14 268 iPKPd  15 37.40   0.5
       1.0s     15.00nm
                ic     15 41.00
LPG   131.37 325 ePKP   15 35.80  -2.9
       0.9s      3.60nm
LOR   131.87 328 ePKP   15 38.80  -0.4
LBF   131.99 328 ePKP   15 39.30  -0.2
SSF   132.18 328 ePKP   15 39.50  -0.3
       0.9s      3.20nm
TPZ   132.25 130 ePKP   15 47.00   5.8X
SMF   132.27 327 ePKP   15 39.90  -0.1
AVF   132.44 328 ePKP   15 39.80  -0.5
FRF   132.54 322 ePKP   15 40.10  -0.5
       0.8s      5.80nm
LMR   132.75 322 ePKP   15 40.50  -0.5
LRG   132.77 323 ePKP   15 40.70  -0.3
BGF   132.86 328 ePKP   15 40.60  -0.5
       0.7s      3.10nm
TCF   133.37 328 ePKP   15 41.70  -0.4
LPF   133.76 332 ePKP   15 42.90   0.2
CAF   134.33 327 ePKP   15 44.30   0.3
       1.0s      4.00nm
LPO   134.96 327 ePKP   15 45.80   0.6
LFF   135.04 328 ePKP   15 46.80   1.5
LPB   135.52 125 ePKP   15 38.00  -9.5X
ZOBO  135.64 125 PKPc   15 49.30   1.3
EPF   136.51 326 ePKP   15 48.60   0.4
       1.0s      4.00nm
VAO   144.38 155 ePKP   16 01.00  -1.9
                i      16 05.00
                i      16 11.60
                e      16 18.20
AVE   147.51 321 ePKP   15 58.00  -9.7X
                i      16 10.50
BAO   150.20 147 ePKP   16 12.80   0.3
                i      16 16.50
                i      16 20.90
                e      16 26.40
KIC   153.35 265 ePKP   16 24.70   7.7X
SOB1  159.24 153 ePKP   16 25.80   1.3
                e      16 34.30
ITR   160.65 159 ePKP   16 25.70  -0.3
                e      16 30.80
                e      17 12.20
      S.D. = 1.1  on 101 of 122 obs.

*  JUN  16, 1985  22h 17m 35.99± 1.11s
    4.579 S ±10.8km  143.063 E ±12.6km
   DEPTH =  33.0km  (normal)
   3.5mb (  1 obs.)
 PAPUA NEW GUINEA                 (202)

WEW    1.16  29 eP     17 56.00   0.0
MDG    2.79 104 e(P)   18 15.00  -4.2X
LAT    4.43 118 eP     18 42.50  -0.1
PMG    6.29 140 eP     19 09.00   0.1
WB2   17.47 208 eP     21 37.80  -1.1
WRA   17.48 208 P      21 40.00   1.1
       0.6s      2.30nm          3.5mb
      S.D. = 1.1  on   5 of   6 obs.

?  JUN  16, 1985  22h 34m 44.57± 2.51s
   35.543 S ±19.5km   73.244 W ±17.8km
   DEPTH =  33.0km  (normal)
 OFF COAST OF CENTRAL CHILE       (134)

LNV    2.19  44 iPc    35 19.40   0.1
LNV    2.19  44 iP     35 27.20   7.9X
                i(S)   36 00.50
CHCH   2.67  54 ePc    35 27.50   1.3
TACH   2.68  46 eP     35 26.50   0.2
PCH    2.96  50 eP     35 30.50   0.1
                i(S)   36 27.20
SAN    2.98  46 eP     35 31.00   0.3
SAN    2.98  46 iP     35 40.40   9.7X
                i      36 13.20
BACH   3.15  47 iPd    35 33.50   0.4
BACH   3.15  47 iP     35 43.00   9.9X
                iS     36 13.80
ROCH   3.16  36 ePc    35 33.20  -0.2
                i(S)   36 35.50
PEL    3.20  42 iPc    35 33.70   0.0
                i      35 43.50
```

16d 22h

			i	36 15.50		
			i	36 31.00		
FCH	3.29	49	eP	35 35.50	0.2	
JACH	3.60	38	iPd	35 39.10	-0.4	
			i	36 25.60		
RFA	3.99	80	eP	35 45.40	0.4	
MDZ	4.50	55	eP	35 54.30	2.0	
CFA	5.73	48	ePc	36 09 40	-0.2	
TCA	8.36	62	ePd	36 44 20	-2 3	
SLA	12 69	34	e(P)	37 43.00	-2 6	
CNCB	19.24	15	P	39 14.00	4.4X	
LPB	19.48	15	eP	39 13.00	0.8	
			LR	47 28.00		
ZOBO	19.73	15	Pc	39 15 70	0.6	
VAO	26.02	68	eP	40 15.70	-0.8	
			e	40 19.00		
SOB1	39.45	56	eP	42 13.70	0.2	
S.D. = 1.1			on	19 of 23 obs.		

? JUN 16, 1985 23h 35m 22.01± 3.51s
31.513 S ±32.7km 67.968 W ±21.4km
DEPTH = 91.8 ± 45.5 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.25	248	iPd	35 35.70	0.0	
			S	35 46.40		
RTLL	0.47	293	iPd	35 37.20	0.2	
			S	35 48.20		
RTCV	0.60	234	iPd	35 38.20	0.2	
			S	35 50.30		
RTCB	0.71	272	iPc	35 38.90	-0.2	
			S	35 51.00		
TCA	2.89	87	iPd	36 07.00	0.0	
			S	36 40.00		
S.D. = 0.4			on	5 of 5 obs		

JUN 17, 1985 01h 09m 26.85± 0 46s
17.579 S ±10.0km 178.634 W ± 6.7km
DEPTH = 556.1 ± 6.0 km
5.1mb (8 obs.)
FIJI ISLANDS REGION (181)

KRO	1.90	278	iP	10 37.10	-1.1	
SVA	2.82	259	iPc	10 42.20	0.4	
			eS	11 47.00		
NMS	3.09	260	iP	10 43.60	0.1	
SGE	3.28	269	iPc	10 46.00	1.1	
NDF	3.74	267	iPc	10 48.60	0.8	
AFI	7.54	62	P	11 17.00	-4.2X	
			S	12 51.00		
NOU	14.79	249	iPc	12 33.80	0.0	
KOU	16.42	257	iPc	12 51.50	1.8	
			iS	15 38.50		
KRP	20 91	193	P	13 12.40	-19.5X	
GNZ	21.19	187	P	13 35.00	0.5	
MNG	23.52	191	eP	13 53.50	-2.1	
AFR	27.50	94	iP	14 30.10	-0.8	
	0.8s		45.00nm		5.2mb	
PAE	27.68	95	iP	14 31.80	-0.7	
	0.8s		35.00nm		5.0mb	
PPT	27.69	94	iP	14 32.00	-0.6	
	0.8s		35.00nm		5.0mb	
TVO	27.98	95	iP	14 34.90	-0.3	
	0.8s		50.00nm		5.2mb	
BRS	28.11	245	eP	14 36.00	-0.2	
MSZ	29.28	200	P	14 46.00	0.0	
PMO	29.60	90	eP	14 49.00	-0.1	
	0.8s		45.00nm		5.2mb	
CAN	33.73	232	eP	15 24.70	0.8	
YOU	33.81	234	eP	15 22.00	-2.6	
WAM	34.17	231	iPd	15 28.70	1.2	
TOO	37.21	230	eP	15 53.00	0.4	
TAU	38.34	222	iPc	16 02.70	1.0	
STK	38.61	241	iPd	16 04.80	0.8	
WB2	44.47	259	iPd	16 49.40	-1.3	
WRA	44.48	259	Pd	16 49.20	-1.6	
	0.5s		7.30nm		4.5mb	
ASPA	44.68	254	iPd	16 50.90	-1.4	
	0.7s		90.00nm		5.4mb	
			eS	22 47.00		
WBN	51.25	250	eP	17 41.00	-0.7	
DRV	55.91	199	eP	18 14.00	0.0	
			e	19 26.00		
KLB	58.78	243	iPc	18 33.10	-1.0	
BAL	59.73	244	eP	18 39.00	-1.4	
MRWA	60.44	246	iPc	18 44.20	-1.0	
SBA	60.73	184	eP	18 48.70	2.4	
NAU	61.64	253	iPd	18 53.00	0.0	
SPA	72.53	180	e(P)	20 00.50	1.5	
PLM	77.68	49	eP	20 28.00	0.0	
SBB	77.68	47	eP	20 27.00	-0.8	
ISA	77.74	46	eP	20 28.00	-0.1	
CLC	78.43	47	eP	20 31.00	-0.7	
TPC	78.64	49	eP	20 33.00	0.1	
GLA	79.01	50	eP	20 36.00	1.2	
ALO	86.06	52	eP	21 09 00	-1.3	
	1.1s		4.75nm		4.1mb	
			e	23 10.00		
YKA	94.12	25	eP	21 47.30	0.6	
SQB1	130.49	119	e(PKP)	27 38.00	1.2	
CLL	145.09	347	iPKP	28 03.50	1.2	
	1.2s		18.00nm			
BRG	145.30	346	iPKP	28 03.60	1.0	
PRU	145.97	345	ePKP	28 05.50	1.7	
ENN	146.69	355	ePKP	28 10.50	5.6X	
	0.5s		3.00nm			
KHC	147.01	345	PKP	28 09.00	3.5X	
DOU	147.46	356	PKP	28 09.50	3.4X	
WLF	147.76	354	PKP	28 11.60	5.0X	
FLN	148.86	2	ePKP	28 12.90	4.5X	
CDF	148.87	352	ePKP	28 13.20	4.7X	
GRR	149.22	3	ePKP	28 14.00	5.1X	
BSF	149.50	353	ePKP	28 15.20	5.7X	
LPF	149.56	3	ePKP	28 14.80	5.4X	
LOR	150.32	357	ePKP	28 16.50	5.8X	
SSF	150.55	357	ePKP	28 17.10	6.1X	
LBF	150.60	356	ePKP	28 17.00	5.9X	
AVF	150.82	357	ePKP	28 17.50	6.1X	
MFF	151.03	2	ePKP	28 17.60	5.9X	
BGF	151.08	358	ePKP	28 18.20	6.4X	
S.D. = 1.1			on	45 of 62 obs.		

JUN 17, 1985 02h 17m 40.07± 0.99s
45.591 N ± 7.6km 2.777 E ± 8.9km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.3 (LDG).

MZF	0.64	348	Pg	17 52.90	0.0	
			Sg	18 00.60		
TCF	0.80	331	Pg	17 55.30	-0.4	
			Sg	18 05.80		
CAF	0.83	217	Pg	17 56.00	-0.2	
			Sg	18 06.70		
BGF	0.97	3	Pg	17 57.80	-0.7	
			Sg	18 10.10		
LSF	1.09	308	Pg	18 00.90	0.3	
			Sg	18 15.70		
SMF	1.29	35	Pg	18 02.90	-1.1	
			Sg	18 19.50		
SSF	1.56	19	Pg	18 08.70	0.9	
			Sg	18 27.70		
LBF	1.62	30	Pg	18 09.60	0.8	
			Sg	18 29.90		
S.D. = 0.8			on	8 of 8 obs.		

• JUN 17, 1985 02h 26m 00.79± 1.60s
33.594 S ± 5.9km 71.493 W ±13.0km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.37	169	iPc	26 08.30	0.0	
			iS	26 14.10		
TACH	0.47	97	iPc	26 10.90	0.6	
SAN	0.71	79	iPd	26 14.60	-0.2	
			iS	26 27.10		
ROCH	0.74	33	iPd	26 14.00	-1.5	
CHCH	0.78	116	iPd	26 15.20	-0.8	
PEL	0.81	57	iPd	26 16.10	-0.5	
			iS	26 27.50		
PCH	0.82	92	iPc	26 16.30	-0.4	
FCH	1.04	76	iPd	26 20.00	-0.6	
MDZ	2.33	73	eP	26 41.00	1.2	
			iS	27 15.90		
RFA	2.77	116	eP	26 46.10	0.0	
RTCV	3.03	56	ePd	26 51.30	1.6	
			S	27 32.30		
RTCB	3.10	48	e(P)	26 51.40	0.7	
			S	27 37.00		
RTLL	3.41	49	ePd	26 55.00	-0.1	
			S	27 39.20		
TCA	6.25	71	ePd	27 30.90	-4.5X	
			S	28 49.00		
S.D. = 0.9			on	13 of 14 obs.		

JUN 17, 1985 02h 48m 32.03± 0.26s
34.599 N ± 6.4km 82.831 E ± 4.4km
DEPTH = 33.0km (normal)
4.8mb (26 obs.)
TIBET (306)

KSH	7.31	313	eP	50 24.00	4.6X	
			S	51 52.00		
NDI	7.59	221	ePn	50 27.00	3.8X	
			eSn	51 53.00		
WMQ	9.95	21	eP	50 51.60	-4.2X	
QUE	14.12	256	eP	51 50.80	-1.1	
			e(S)	54 29.00		
GTA	14.39	66	P	52 00.00	4.6X	
HYB	17.53	194	eP	52 31.50	-4.1X	
CD2	17.98	96	eP	52 42.20	1.1	
			eS	56 05.00		
KMI	19.65	113	eP	52 59.50	-1.8	
			S	56 29.00		
CHG	21.27	134	iPc	53 20.00	2.2	
	1.0s		22.00nm		4.5mb	
GBA	21.47	194	Pc	53 20.20	0.4	
	0.8s		11.30nm		4.3mb	
XAN	21.54	84	eP	53 18.10	-2.4	
GYA	22.04	105	P	53 28.20	2.6	
BTO	22.31	66	eP	53 27.50	-0.7	
TIY	24.06	74	eP	53 45.60	0.4	
MLR	44.05	302	iPc	56 41.00	2.5	
UPP	48.50	322	iP	57 13.60	0.3	
HFS	50.48	323	eP	57 28.00	-0.4	
	0.5s		2.60nm		4.5mb	
PRU	51.05	310	P	57 34.00	1.1	
BRG	51.27	311	iP	57 35.50	0.9	
NB2	51.65	324	P	57 36.60	-0.8	
	0.8s		3.70nm		4.4mb	
KHC	51.82	309	P	57 39.90	1.0	
MOX	52.77	311	eP	57 46.50	0.6	
OSS	54.62	306	eP+	57 59.50	-0.3	
LLS	55.33	307	eP+	58 04.70	-0.3	
CDF	56.04	309	eP	58 10.00	0.1	
	0.7s		4.20nm		4.6mb	
MMK	56.25	306	eP+	58 12.00	0.4	
WLF	56.42	311	P	58 13.50	1.1	
BSF	56.51	308	eP	58 13.40	0.1	
	0.8s		14.90nm		5.1mb	
DIX	56.61	306	eP+	58 14.40	0.1	
EMS	56.93	306	eP+	58 16.70	0.2	
LPG	57.22	306	eP	58 18.90	0.2	
	0.7s		13.20nm		5.1mb	
LOR	58.58	308	eP	58 27.00	-0.7	
	0.8s		4.00nm		4.6mb	
LBF	58.59	308	eP	58 27.10	-0.8	
	0.9s		5.10nm		4.6mb	
SMF	58.79	308	eP	58 28.90	-0.3	
	0.8s		5.90nm		4.8mb	
SSF	58.87	308	eP	58 29.30	-0.5	
	0.8s		8.00nm		4.9mb	
AVF	59.06	308	eP	58 30.90	-0.2	
	0.9s		7.50nm		4.8mb	
MZF	59.75	308	eP	58 36.00	0.1	
	0.8s		6.70nm		4.8mb	
TCF	59.97	308	eP	58 37.30	-0.1	
	1.0s		12.90nm		5.0mb	
LSF	60.43	308	eP	58 40.00	-0.5	
	0.8s		3.70nm		4.6mb	
CAF	60.54	306	eP	58 41.50	0.2	
	0.8s		4.50nm		4.7mb	
LDF	60.67	311	eP	58 41.70	-0.4	
	0.8s		11.80nm		5.1mb	
RJF	60.77	307	eP	58 43.20	0.4	
GRR	61.20	311	eP	58 45.40	-0.3	
	0.8s		11.30nm		5.0mb	
LPO	61.21	306	eP	58 46.00	0.2	
LFF	61.41	307	eP	58 47.50	0.3	
	0.9s		6.20nm		4.7mb	
BNG	66.40	259	ePc	59 19.20	-1.1	
	0.2s		4.00nm		5.2mb	
TOL	66.70	303	P	59 22.00	0.1	
CLK	67.58	231	iPc	59 28.20	0.5	
MBC	68.53	6	eP	59 32.00	-0.8	
	0.6s		4.00nm		4.7mb	
MTD	70.58	232	iPc	59 46.00	-0.2	
IMA	70.71	21	ePd	59 46.00	-0.4	
	0.7s		12.90nm		5.1mb	
KRI	71.91	234	iPc	59 53.00	-1.3	
TTA	72.10	24	eP	59 55.20	0.5	
WRA	73.06	130	Pd	59 59.50	-1.4	

```
        0.5s      2.80nm          4.5mb
FBA   73.26  20 ePd    00 01.20  -0.2
        0.7s     20.70nm          5.2mb
SVW   73.47  26 eP     00 04.20   1.4
INK   73.89  13 ePd    00 03.80  -1.2
BUL   74.95 232 iPc    00 12.10   0.1
PMR   75.33  23 eP     00 12.90  -0.5
        0.7s     14.30nm          5.1mb
TOA   75 86  21 eP     00 16.60   0.1
KDC   76.97  27 eP     00 23.10   0.5
YKA   82.23   8 eP     00 50.80   0.0
YKC   82.26   8 eP     00 50.00  -1.0
        0.7s      9.00nm          4.9mb
SPA  124.42 180 e(PKP)07 28.00  -0.5
      S.D. = 0.9  on  59 of  64 obs.

*  JUN  17, 1985  04h 03m 05.60± 1.57s
   33.072 S ± 8.7km   72.383 W ±15.3km
   DEPTH =  33.0km  (normal)
 OFF COAST OF CENTRAL CHILE          (134)

ROCH    1.16  85 iPc    03 25.40  -0.3
                iS     03 39.00
LNV     1.20 138 iPd    03 25.60  -0.5
                iS     03 40.50
TACH    1.34 116 iP     03 28.40   0.2
                iS     03 44.70
PEL     1.43  93 iPc    03 29.90   0.4
SAN     1.49 105 iPc    03 30.50   0.1
                iS     03 50.30
PCH     1.66 110 iPd    03 33.30   0.5
                iS     03 53.60
CHCH    1.68 121 iPd    03 33.10  -0.1
                iS     03 54.60
FCH     1.77  99 iP     03 35.00   0.3
                iS     03 58.50
MDZ     2.98  87 iP     03 57.60   6.0X
                iS     04 39.80
RTCB    3.42  63 ePd    04 02.30   4.3X
                (S)    04 45.70
RTCV    3.47  71 eP     04 05.30   6.7X
                S      04 52.50
RTLL    3.74  63 ePd    04 07.50   5.0X
                S      04 57.40
TCA     6.83  77 e(P)   04 45.30  -0.8
CNCB   16.67  15 eP     06 59.00   0.1
LPB    16.92  14 eP     07 02.00   0.1
      S.D. = 0.4  on  11 of  15 obs.

*  JUN  17, 1985  04h 24m 05.14± 0.56s
   31.644 N ±12.9km   82.305 E ± 8.0km
   DEPTH =  33.0km  (normal)
   4 6mb (  6 obs.)
 TIBET                               (306)

NDI     5.30 237 ePn    25 26.00   1.9
                eSn    26 27.00
QUE    13.27 268 eP     27 12.00  -1.8
                e      29 36.70
HYB    14.57 194 eP     27 25.50  -5.3X
CD2    18.35  87 P      28 20.20   1.4
KMI    19.10 105 eP     28 27.00  -1.2
CHG    19.71 126 iPc    28 33.80  -1.0
        0 8s     13.43nm          4.3mb
GYA    21.89  97 P      28 57.60   0.3
SUF    46.98 328 iP     32 36.10   1.6
        0.5s      4.00nm          4.7mb
HFS    52.58 324 eP     33 17.70   0.2
        0.6s      6.50nm          4.8mb
NB2    53.80 325 P      33 24.80  -1.7
        0.8s      4.60nm          4.5mb
MBC    71.51   5 eP     35 24.00   0.0
        1.0s     11.00nm          4.8mb
WRA    71.54 129 P      35 26.00   0.9
        0.6s      1.90nm          4.3mb
WB2    71.55 129 eP     35 24.20  -0.9
YKA    85.21   8 eP     36 39.70   0.6
YKC    85.24   8 eP     36 39.00  -0.3
      S.D. = 1.3  on  14 of  15 obs.

*  JUN  17, 1985  05h 58m 42.51± 2.36s
   0.017 N ±18.6km   99.329 E ±20.5km
   DEPTH =  33.0km  (normal)
 NORTHERN SUMATERA                   (706)

PPI     1.17 114 iPd    59 02.50  -0.1
                iS     59 19.50
PSI     2.69 351 iPc    59 24.00  -0.4
TSI     3.54 348 e(P)   59 37.00   0.4
KGM     4.46  64 ePd    59 49.70   0.1
IPM     4.84  20 ePd    59 54.80  -0.1
                e      00 31.00
      S.D. = 0.4  on   5 of   5 obs.

   JUN  17, 1985  06h 31m 59.72± 0.9?s
    9.374 S ± 3.7km  148.600 E ± 4.7km
   DEPTH =  29.6 ±  6.4 km
   5.5mb ( 12 obs.)
 EAST PAPUA NEW GUINEA REGION        (207)
      CENTROID, MOMENT TENSOR        (HRV)
      Data Used: GDSN
      L.P.B.: 11S, 20C
      Centroid Location:
      Origin Time        06:32: 3.2 0.7
      Lat  9.49S 0.08 Lon 148.74E 0.07
      Dep  42.6 7.7 Half-duration  1.4
      Moment Tensor; Scale 10**23 D-CM
        Mrr=-4.85 0.31  Mtt= 4.28 0.56
        Mff= 0.57 0.54  Mrt=-1.50 0.71
        Mrf= 0.35 0.64  Mtf=-1.17 0.38
      Principal Axes:
        T  Val=  4.87  Plg= 9   Azm=196
        N        0.23        1       106
        P       -5.10       81        11
      Best Double Couple:Mo=5.0*10**23
       NP1:Strike=287 Dip=36 Slip= -89
       NP2:       105     54      -91

PMG     1.43 268 iPc    32 25.40   1.6
LAT     3.13 330 iPd    32 47.50  -0.7
BIAL    4.71  31 eP     33 09.00  -1.7
MDG     4.96 325 eP     33 16.00   1.8
BGA     7.26  64 eP     33 47.00   0.3
                eS     35 13.00
PAA     7.48  66 eP     33 47.00  -2.7
                eS     35 13.00
WEW     7.60 319 eP     33 57.00   5.6X
JAY    10.39 310 ePc    34 48.60  18.6X
CTA    10.89 192 iPc    34 34.80  -2.0
        1.4s    156.98nm          6.0mb
                eS     37 12.00
RMO    17.02 180 eP     36 02.00   4.7X
WB2    17.32 231 eP     36 00.20  -0.9
                eS     39 03.00
WRA    17.33 231 Pd     36 00.20  -1.0
        0.9s     24.80nm          4.3mb X
MTN    17.49 257 eP     36 03.00  -0.1
BRS    18.35 168 P      36 16.00   2.1
                eS     39 40.00
ASPA   19.99 223 eP     36 33.00  ; 0.2
        1.0s     74.00nm          5.0mb
                eS     40 15.00
KNA    20.36 250 eP     36 37.00   0.3
NOU    21.42 129 iPc    36 42.90  -4.7X
CMS    22.15 186 eP     36 54.00  -0.8
STK    23.32 195 eP     37 06.00  -0.3
KUPT   24.64 266 ePc    37 22.50   3.3X
YOU    24.79 180 eP     37 22.00   1.5
CAN    25.83 179 eP     37 31.40   1.1
                e      37 40.60
WAM    26.70 179 eP     37 39.80   1.6
                e      37 52.00
WBN    26.72 229 eP     37 38.00  -0.6
MBL    30.06 244 eP     38 07.00  -1.8
MEK    33.20 235 eP     38 35.00  -1.3
NAU    34.32 244 eP     38 45.00  -1.0
MRWA   36.36 233 eP     39 02.00  -1.3
OYM    45.42 349 eP     40 17.20  -0.5
SRY    45.60 349 eP     40 18.50  -0.6
DDR    45.99 349 eP     40 22.50   0.2
TSK    46.04 350 eP     40 22.90   0.3
MAT    46.70 348 iPd    40 27.50  -0.3
        0.8s     26.12nm          5.3mb
                eS     47 14.00
GZH    47.24 314 iPc    40 34.00   1.8
QIZ    47.50 307 P      40 35.10   0.7
SSE    48.06 328 Pc     40 38.50  -0.1
IPM    49.40 284 ePd    40 48.80  -0.4
        0.9s     66.80nm          5.7mb
NJ2    50.05 327 Pc     40 54.40   0.5
WHN    51.54 322 Pd     41 06.00   0.8
LOE    53.41 300 eP     41 19.00  -0.4
GYA    54.10 312 P      41 25.20   0.7
SNY    55.89 338 iPd    41 36.30  -0.8
                eS     49 21.00
KMI    56.31 309 Pd     41 41.50   0.7
                pP     41 46.00  15kmX
CHG    56.41 300 iPd    41 41.20  -0.1
        1.0s     57.00nm          5.6mb
MDJ    56.42 344 eP     41 40.20  -0.7
CN2    56.95 340 P      41 43.00  -1.7
XAN    57.28 321 iPd    41 46.40  -0.9
BJI    57.60 331 eP     41 48 00  -1.3
TIY    57.77 326 eP     41 49.80  -0 9
CD2    58.76 315 iPd    41 57.70   0 1
HHC    60.52 328 eP     42 08 60  -1.1
BTO    61.15 327 eP     42 13.50  -0.5
LZH    61.79 320 Pd     42 19.00   0.5
        1.5s    159.00nm          5.9mb
GTA    66.33 320 iPc    42 48.40   0.3
                pP     42 54.20  19kmX
LSA    67.53 307 P      42 55.80  -0.5
SBA    69.10 176 e(P)   43 02.50  -2.1
PKI    71.30 303 iP     43 19.00  -0.3
KKN    71.49 303 iP     43 20.40   0.1
DMN    71.56 303 iP     43 21.10   0.3
GBA    74.22 287 Pc     43 34.40  -1.8
        1.5s     88.30nm          5.6mb
WMQ    76.37 319 Pd     43 48.50   0.4
SDN    77.13  27 eP     43 52.20   0.3
NDI    78.49 302 eP     43 59.00  -1.1
SPA    80.69 180 eP     44 11.90   0.5
        0.9s     27.73nm          5.3mb
SVW    82.64  24 ePd    44 22.90   1.4
TTA    83.54  22 ePd    44 26.90   0.8
PMR    85.56  25 ePd    44 36.10   0.0
        0.9s     33.30nm          5.6mb
IMA    86.14  20 ePd    44 38.80  -0.3
        0.8s     24.00nm          5.5mb
TOA    87.04  25 ePd    44 44.40   0.9
QUE    87.53 301 iPc    44 47.10   0.4
FBA    87.66  22 ePd    44 45.70  -0.6
        0.8s     36.00nm          5.7mb
BRW    88.23  15 ePd    44 49.90   1.0
PNL    89.12  29 eP     44 55.00   1.6
INK    94.20  21 eP     45 17.00   0.3
ORV    95.81  51 eP     45 25.60   0.9
JAS1   96.45  53 eP     45 29.00   1.3
MBC    99.53  14 eP     45 40.50  -0.3
NEW    99.76  43 eP     45 42.00  -0.5
EUR   100.06  51 iPdiff45 45.00   0.6
        0.5s     1.06nm          4.6mb
YKA   101.39  28 ePdiff45 53.70   4.4X
MLR   119.31 317 ePKPd 50 47.00  -1.1
NB2   119.66 338 PKP    50 47.00  -1.2
        1.0s     4.40nm
SPC   121.59 323 e(PKP)50 53.00   0 6
ZST   123.90 323 e(PKP)50 56.70   0.1
OHR   124.26 314 ePKP   50 57.00  -0.7
CLL   124.64 328 iPKPd 50 57.40  -0.5
        1.1s     12.00nm
KHC   125.49 325 ePKP   51 00.00   0.3
MEM   128.62 330 PKP    51 05.70   0.1
BSF   129.95 327 ePKP   51 07.40  -1 6
        1.2s     13.20nm
HAU   130.08 327 ePKP   51 07.70  -0.9
BNG   130.21 268 iPKPd 51 08.10  -1.7
        0.9s     20.70nm
LBF   131.98 328 ePKP   51 12.50   0.3
        0.8s      4.00nm
SSF   132.17 328 ePKP   51 12.40  -0.1
        0.7s      3.70nm
SMF   132.26 328 ePKP   51 13.40   0.7
        1.0s      6.00nm
BGF   132.84 328 ePKP   51 13.60  -0.2
        0.7s      4.20nm
LDF   132.92 332 ePKP   51 13.60  -0.3
FLN   132.96 332 ePKP   51 13.70  -0.2
TCF   133.35 328 ePKP   51 14.80   0.0
        0.7s      5.10nm
GRR   133.40 332 ePKP   51 14.20  -0.6
LPF   133.75 332 ePKP   51 15.70   0.3
        0.7s      6.10nm
CAF   134.32 327 ePKP   51 16.90   0.2
        1.0s      4.80nm
LPO   134.95 327 ePKP   51 18.30   0.4
        0.9s      7.80nm
LFF   135.03 328 ePKP   51 18.30   0.3
CNCB  135.44 126 ePKP   51 05.00 -15 3X
LPB   135.49 125 ePKP   51 05.00 -15.2X
EPF   136.50 326 ePKP   51 23.30   2.3
```

17d 06h

0.9s 4.90nm

VAO	144.40	155	ePKP	51	34.30	-1.4
			i	51	38.40	
AVE	147.51	321	ePKP	51	43.00	2.6
BAC	150 21	146	e(PKP)	51	45.80	0.6
			i	51	50.90	
			i	51	54.70	
			e	51	59.70	
PIC	153 43	265	ePKP	51	58 70	8.9X
SOB1	159 26	153	e(PKP)	51	59 00	1.8
ITR	160.67	159	ePKP	52	00.10	1.4

S.D. = 1.0 on 103 of 112 obs.

& JUN 17, 1985 07h 00m 17.19s
47.058 N 120.050 W
DEPTH = 0.7km
WASHINGTON (29)
<SEA>. CL 3.0 (SEA), ML 3.3 (NEIS).

MFW	1.62	135	eP	00	46.20	-0.8
SHW	1.74	241	eP	00	48.00	-0.9
GMW	1 93	286	eP	00	50.40	-1.1
BFW	2 25	256	eP	00	52.50	-3.7
NEW	2 32	58	eP	00	55.00	-2.2
			eLg	01	51.00	

5 obs. ossociated

? JUN 17, 1985 07h 08m 23.09± 1.63s
6.092 S ±14.7km 80.745 W ±28.4km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
NEAR COAST OF NORTHERN PERU (109)

QUR	6.28	21	eP	09	56.50	0.2
NNA	7.01	147	eP	10	06 80	0.6
	0.6s	15	33nm			5.1mb X
			e	10	12.00	
			eS	11	23.50	
BOG	12.56	32	eP	11	27.50	4.8X
ZOBO	15 98	130	Pc	12	09.20	1.5
LPB	16.16	131	eP	12	10.00	0.2
CNCB	16.42	132	eP	12	11.00	-2.3
TPZ	19.21	144	eP	13	05.00	17.3X
ALQ	47.47	331	eP	16	57.00	-0.1
	0.9s	2.73nm				4.3mb
			e	17	15.00	
SPA	83 95	180	e(P)	20	56.90	5.8X

S.D. = 1.6 on 6 of 9 obs.

JUN 17, 1985 07h 36m 18.60± 1.23s
37.662 N ± 9.1km 20.738 E ± 8.1km
DEPTH = 46.5 ± 10.3 km
4.5mb (10 obs.)
IONIAN SEA (399)

VLS	0.53	347	ePg	36	29.50	-0.6
			eSg	36	38.50	
ATH	2.38	82	ePn	36	56.50	0.6
			ePg	37	04.50	
			eSn	37	28.00	
			eSb	37	32.50	
LIT	2.79	29	eP	37	03.00	1.1
THE	3.43	30	eP	37	12.00	1.1
			eS	37	52.50	
OHR	3.45	1	iPn	37	13.60	2.5
KNT	3.87	25	eP	37	18.00	0.8
VAT	3.92	21	iPn	37	18.60	0.8
			i	37	26.60	
SRS	4.10	32	eP	37	21.00	0.6
SKO	4.34	7	iPnd	37	25.00	1.3
			i	37	42.00	
			iSn	38	14.40	
MMB	4 55	30	iPd	37	27.00	0.3
NPS	4.60	120	ePn	37	27.00	-0.4
PRK	4.62	68	ePb	37	33.00	5.3X
IZM	5.20	80	iPn	37	35 90	-0.1
VTS	5.28	20	eP	37	37.00	0.0
KDZ	5.33	40	iPd	37	36.00	-1.8
PLD	5.38	33	eP	37	38.00	-0.4
DIM	5 75	39	iP	37	44.00	0.4
YEP	6.03	93	ePn	37	47.30	-0.3
PVL	6 44	30	iPc	37	53.00	-0.2
DST	6 47	70	ePn	37	53.90	0.1
JMB	6.57	41	eP	37	02.00	-53.0X
GZR	7.87	11	ePc	38	12.50	-0.8
MLR	8.74	25	iPd	38	25.50	0.2
CEY	9.35	332	ePn	38	33.10	-0.5
			e	38	44.20	
			eSn	40	15.80	
LJU	9.57	333	eP	38	35.80	-0.8
			eS	40	20.00	
TRI	9.58	329	e(PKP)	38	40.00	3.3X
			e	40	20.00	
			e	41	58.00	
VOY	9.79	331	eP	38	37.00	-2.8
			eS	40	36 80	
JOS	10.83	359	eP	38	52.30	-1.5
KBA	10.88	332	e(P)	38	53.00	-1.6
	1.1s	18.40nm				5.1mb
			i	39	05.70	
			i	40	46.30	
			i	41	12.70	
FRF	12.22	303	eP	39	27.60	15.1X
	0.8s	9.90nm				
LRG	12.37	302	eP	39	27.90	13.4X
	0.9s	22.90nm				
KHC	12.58	338	eP	39	16.50	-0.9
PRU	13.10	342	eP	39	34.50	10.3X
GRF	13.84	333	iPc	39	44.80	10.9X
	1.0s	40.00nm				
BSF	14.41	319	eP	39	50.60	9.1X
	1.0s	16.20nm				4.5mb X
MOX	14.52	336	eP	39	52.00	9.2X
	1.4s	26.00nm				4.5mb X
CDF	14.55	322	eP	39	52.60	9.4X
	0.8s	5.30nm				4.1mb
CLL	14.71	341	iPc	39	53.80	8.6X
	1.4s	23.00nm				4.4mb X
HAU	14.75	319	eP	39	54.70	8.9X
	0.6s	8.60nm				4.3mb X
LBF	15.48	312	eP	40	01.50	6.2X
	1.0s	7.60nm				3.8mb
WLF	15.94	323	P	40	09 50	8.4X
TCF	16.22	308	eP	40	09.30	4.5X
	1.0s	5.50nm				3.6mb
MEM	16.67	326	P	40	17.80	7.5X
DOU	16.98	322	Pc	40	20.70	6.5X
LGR	18.41	292	eP	40	36.50	4.6X
NUR	23.00	5	eP	41	18.00	-1.9
EKA	23.95	325	Pd	41	31.30	2.1
	1.0s	18.20nm				4.6mb
NB2	24.16	349	P	41	32.60	1.4
	0.9s	5.50nm				4.1mb
SUF	25.31	6	iP	41	42.90	0.8
	0.6s	5.70nm				4.3mb
KJF	26.90	7	eP	41	56.00	-0.8
SOD	29.95	5	eP	42	31.00	6.9X
BNG	33.13	184	iPd	42	54.10	1.6
	0.9s	13.80nm				4.8mb
DMN	54.19	81	eP	45	40.70	-1.3
	0.7s	19.00nm				5.2mb
KKN	54.24	80	eP	45	41.30	-1.0
	0.6s	12.00nm				5.1mb
PKI	54.44	80	eP	45	41.50	-2.5
MBC	63.58	350	eP	46	48.00	1.8
YKA	73.93	340	eP	47	52.60	2.3

S.D. = 1.4 on 38 of 57 obs.

• JUN 17, 1985 08h 10m 46.53± 0.73s
44.819 N ± 5.0km 110.982 W ±10.9km
DEPTH = 5.0km (geophysicist)
YELLOWSTONE NATIONAL PARK, WYO. (459)
ML 3.5 (NEIS). Felt (III) at Old Faithful.

IMW	0.92	178	P	11	03.80	-1.0
LCCM	1.20	328	iPd	11	09.70	0.2
SXM	1.34	353	eP	11	12.60	0.7
LRM	1.44	315	iPd	11	14.00	0.4
BUT	1.63	318	eP	11	17.10	0.9
			eS	11	38.40	
TMI	1.66	204	P	11	15.90	-0.7
HPI	1.88	235	P	11	19.90	0.0
HRY	1.98	343	iPnd	11	22.10	0.9
BDW	2.28	153	P	11	26.90	1.2
DAU	4.41	183	P	11	56.60	0.6
MFW	5.34	284	P	12	09.40	0.5
NEW	5.46	311	eP	12	09.00	-1.6
			eLg	13	39.00	
SES	5.58	360	eP	12	10.00	-2.3
EUR	6.49	217	eP	12	37.70	12.4X
	0.5s	0.67nm				

S.D. = 1.2 on 13 of 14 obs.

• JUN 17, 1985 08h 17m 48.79± 2.36s
34.268 S ±16.2km 72.215 W ±15.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.74	65	iPc	18	02.40	-0.3
TACH	1.23	60	iP	18	09.50	-0.2
			iS	18	27.00	
CHCH	1.34	76	iPd	18	11.60	0.2
SAN	1.53	58	iPc	18	14.20	0.1
			iS	18	36.00	
PCH	1.55	66	iPd	18	14.30	-0.3
ROCH	1.64	38	iPc	18	15.60	-0.3
			iS	18	36.00	
PEL	1.70	49	iPc	18	17.00	0.4
FCH	1.86	60	iPc	18	19.40	0.2
			iS	18	47.00	
MDZ	3.13	65	iP	18	42.00	5.0X
RFA	3.14	100	ePd	18	38.40	1.3
			S	19	27.30	
RTCV	3.91	53	ePd	18	49.30	1.2
			S	19	47.30	
RTCB	3.99	47	ePc	18	50.00	0.7
			(S)	19	50.30	
CFA	4.27	53	ePd	18	53.00	-0.1
RTLL	4.30	48	ePc	18	53.80	0.1
			S	19	54.20	
TCA	7.05	68	iPc	19	30.00	-2.4
			S	20	56.00	
CYA	7.99	45	e(P)	19	41.00	-4.5X
SLA	11.16	33	e(P)	20	23.00	-6.3X
TPZ	13.12	14	Pd	21	14.50	18.7X
CNCB	17.80	13	P	21	56.00	-0.2
LPB	18.04	13	P	22	00.00	0.9
			LR	29	32.00	
ZOBO	18.30	13	Pc	22	02.10	-0.3
VAO	24.77	70	e(P)	23	22.00	13.0X
ITR	40.08	59	eP	25	21.90	-1.1
			e	25	30.90	
			e	25	57.60	
SPA	55.91	180	e(P)	27	36.20	10.5X

S.D. = 0.9 on 18 of 24 obs.

• JUN 17, 1985 09h 03m 12.62± 1.13s
5.812 S ±11.7km 151.419 E ± 7.1km
DEPTH = 14.0 ± 9.7 km
4.7mb (5 obs.)
NEW BRITAIN REGION (192)
Felt (V) at Rabaul.

BIAL	0.62	324	iPc	03	23.00	-1.7
RAB	1.78	25	iPd	03	42.30	-0.8
BGA	3.76	95	iPd	04	11.50	0.0
			eS	05	04.00	
PAA	4.08	97	eP	04	15.00	-1.0
			eS	05	05.00	
LAT	4.47	259	iPc	04	26.50	5.0X
PMG	5.54	230	iPc	04	39.00	2.4
MDG	5.64	275	eP	04	40.00	1.9
WEW	8.08	286	e(P)	05	14.00	1.6
VSG	8.90	113	eP	05	28.00	4.2X
CTA	15.05	199	iPc	06	54.40	7.8X
	0.8s	18.66nm				4.5mb
GUA	20.28	341	eP	07	54.40	3.6X
	0.9s	248.74nm				5.6mb
PJG	20.34	341	eP	07	53.70	2.3
RMO	20.72	187	eP	07	56.00	0.7
BRS	21.50	177	P	08	04.00	0.8
WBZ	21.74	228	iPc	08	04.70	-1.0
			eS	12	05.30	
WRA	21.75	228	Pc	08	04.40	-1.4
	0.6s	14.10nm				4.6mb
KNA	24.32	244	eP	08	34.00	3.0X
ASPA	24.48	222	eP	08	33.00	0.4
			eS	13	01.00	
YOU	28.46	185	eP	09	09.50	0.2
CAN	29.45	184	eP	09	18.30	0.1
WAM	30.32	184	eP	09	26.10	0.2
WBN	31.17	227	iPc	09	32.90	-0.6
	0.5s	11.00nm				5.0mb
MBL	34.19	240	eP	09	57.00	-2.9
MEK	37.54	233	iPd	10	27.20	-1.1
NAU	38.44	241	eP	10	35.00	-0.9
KLB	40.61	227	eP	10	52.00	-1.8
TCW	40.74	153	Pd	10	55.40	0.8
MRWA	40.75	231	iPd	10	53.90	-1.0
BAL	40.88	229	eP	10	55.00	-1.0

MSZ 41.31 162 P 11 01.00 1.7
MUN 41.94 227 eP 11 03.00 -1.7
RKG 42.48 224 eP 11 11.00 1.9
SPA 84.23 180 eP 15 45.10 0.2
0.7s 2.73nm 4 6mb
VAO 146.19 149 e(PKP) 22 54.00 0 0
BAO 151.30 138 ePKP 23 07.60 5.4X
S.D = 1.4 on 29 of 35 obs.

? JUN 17, 1985 09h 54m 56 37± 4.36s
31 172 S ±35.5km 68.244 W ±27.8km
DEPTH = 93.7 ± 45.3 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.25 231 iPd 55 10.40 -0.1
S 55 21.00
CFA 0.43 179 iPd 55 11.40 0.1
S 55 22.50
RTCB 0.57 236 iPd 55 12.50 0.1
S 55 24.00
RTCV 0.73 200 ePc 55 13.70 -0.1
S 55 26.80
TCA 3.13 94 iPd 55 44.70 0.0
S 56 20.20
S.D. = 0.2 on 5 of 5 obs.

? JUN 17, 1985 11h 31m 58.50± 8.58s
33.114 S ±18.3km 72.491 W ±68.8km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV 1.23 133 iPd 32 19.40 -0.1
iS 32 33.60
ROCH 1.25 84 iPc 32 19.40 -0.6
iS 32 33.40
TACH 1.41 113 iPd 32 22.00 0.0
iS 32 38.50
PEL 1.52 92 iPc 32 23.70 0.0
iS 32 41.40
SAN 1.57 103 iPc 32 24.50 0.1
iS 33 13.60
JACH 1.65 75 iPd 32 25.10 -0.6
PCH 1.73 108 iPd 32 27.00 0.2
CHCH 1.74 119 iPd 32 26.80 -0.1
FCH 1.86 97 iPc 32 29.00 0.1
iS 32 51.00
MDZ 3.07 87 iP 32 51.40 5.5X
iS 33 31.60
RTCB 3.52 64 eP 32 57.30 5.0X
S 33 46.30
RTCV 3.57 71 eP 33 00.20 7.3X
S 33 50.60
RFA 3.73 117 e(P) 32 59.40 4.2X
RTLL 3.84 64 e(P) 33 03.00 6.2X
S 33 57.00
TCA 6.92 77 ePd 33 41.30 0.9
S 35 03.40
S.D. = 0.5 on 10 of 15 obs.

• JUN 17, 1985 12h 09m 10.43± 1.57s
32 985 S ± 8.4km 72.672 W ±15.0km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH 1.40 90 iPc 09 33.70 -0.3
iS 09 47.60
LNV 1.43 133 iPd 09 34.00 -0.3
iS 09 48.80
TACH 1.60 115 iPd 09 36.40 -0.3
iS 09 52.50
PEL 1.68 96 iPc 09 38.10 0.2
iS 09 52.20
SAN 1.75 106 iPc 09 38.90 0.0
iS 09 59.00
JACH 1.78 81 iPd 09 39.40 0.0
PCH 1.92 110 iPd 09 41.50 0.1
CHCH 1.94 120 iPd 09 41.30 -0.4
iS 10 04.20
FCH 2.03 100 iPc 09 43.50 0.2
iS 10 06.00
MDZ 3.22 89 iP 10 06.10 6.2X
iS 10 49.30
RTCB 3.61 67 ePd 10 12.00 6.6X
S 11 00.60
RTCV 3.67 73 ePc 10 13.60 7.3X
S 11 05.00
RFA 3.93 118 ePd 10 10.90 0.9

RTLL 3.93 66 e(P) 10 16.00 6.0X
S 11 10.30
TCA 7.05 79 e(P) 10 53.80 -0.2
S 12 20.00
SLA 10.35 39 e(P) 11 52.00 12.1X
CNCB 16.65 16 eP 13 04.00 0.5
LPB 16.89 15 eP 13 06.00 -0.4
ZOBO 17.14 15 eP 13 15.00 5.3X
S.D. = 0.4 on 13 of 19 obs

• JUN 17, 1985 14h 12m 25.35± 0.73s
24.389 S ± 9.2km 67.116 W ±11.6km
DEPTH = 213.7 ± 12.8 km
CHILE-ARGENTINA BORDER REGION (127)

SLA 1.52 103 iPd 13 00.80 -0.1
S 13 26.00
YJA 2.66 34 iPd 13 21.10 8.3X
S 13 44.80
ANT 3.09 282 iPc 13 16.80 -0.4
iS 13 53.00
TCA 7.27 163 iPc 14 10.50 0.5
S 15 30.00
CNCB 7.58 354 iP 14 15.00 0.4
S 15 38.00
LPB 7.87 353 eP 14 12.00 -6.2X
ZOBO 8.13 353 Pc 14 22.00 0.2
VAO 18.51 90 eP 16 27.60 -0.5
e 16 29.30
BAO 19.95 68 e(P) 16 43.00 0.1
S.D. = 0.5 on 7 of 9 obs.

JUN 17, 1985 14h 51m 19.65± 0.28s
11.689 S ± 5.3km 166.602 E ± 6.8km
DEPTH = 128.4km (5 depth phases)
5.2mb (15 obs.)
SANTA CRUZ ISLANDS (184)

KOU 9.10 194 iPc 53 31.00 1.7
iS 55 11.20
NOU 10.56 181 iPc 53 50.80 2.1
iS 55 37.80
LMG 18.36 277 e(P) 55 29.50 2.1
PMG 19.25 275 e(P) 55 36.00 -0.7
BRS 20.31 218 iPd 55 49.90 2.4
CTA 21.26 244 iPc 55 57.20 0.1
iPP 56 18.90
iS 59 04.60
MOM 21.32 295 eP 56 01.50 3.9X
RMQ 22.34 226 eP 56 10.00 2.3
CMS 27.50 221 eP 56 55.00 -0.9
YOU 27.96 214 eP 57 00.40 0.4
CAN 28.43 211 eP 57 03.60 -0.8
WAM 29.18 210 iPc 57 10.60 -0.3
TCW 30.17 168 P 57 19.20 -0.4
WB2 32.05 251 eP 57 34.70 -1.7
i 00 22.80
WRA 32.06 251 Pc 57 35.00 -1.4
1.1s 16.80nm 4.7mb
MSZ 32.88 178 P 57 42.00 -1.3
ASPA 33.27 245 eP 57 46.00 -1.0
eS 03 07.00
WBN 40.32 243 eP 58 46.00 -0.1
MBL 45.70 252 iPc 59 30.00 0.4
KLG 45.81 238 eP 59 30.00 -0.4
MEK 47.48 245 eP 59 43.00 -0.7
KLB 49.08 238 iPd 59 54.90 -1.0
BAL 49.76 240 eP 00 00.00 -1.1
NAU 49.81 250 iPc 00 01.90 0.4
0.3s 6.00nm 4.9mb
NWAO 49.81 237 iPd 00 00.90 -0.5
MRWA 50.12 242 eP 00 03.00 -0.9
MUN 50.45 238 eP 00 06.00 -0.3
BAG 53.40 301 eP 00 28.00 -0.7
MAT 54.93 332 eP 00 39.00 -0.4
0.8s 13.43nm 4.9mb
SSE 60.90 316 Pc 01 20.60 -0.5
0.8s 24.00nm 5.2mb
NJ2 63.06 315 iPd 01 36.00 0.5
KGM 64.34 278 ePd 01 44.80 0.6
MDJ 65.31 332 Pc 01 50.30 0.5
SBA 66.16 180 iPc 01 54.90 0.1
1.0s 21.00nm 5.0mb
TIA 66.65 318 eP 01 58.00 -0.6
CN2 66.72 329 iPc 01 59.10 0.2
IPM 67.18 280 iPc 02 03.20 0.8
0.7s 20.70nm 5.1mb

PSI 68.76 278 iPd 02 11.80 -0.4
0.8s 38.90nm 5.3mb
GYA 69.47 304 P 02 17.00 0.5
BJI 69.51 321 eP 02 16.00 -0.2
LOE 70.29 293 eP 02 21.00 -0.4
TIY 70.60 317 eP 02 24.00 0.9
XAN 71.17 312 iPc 02 27.00 0.5
KMI 72.17 301 iPc 02 34.00 1.1
pP 03 05.00 124km
HHC 72.86 319 eP 02 37.20 0.7
CHG 73.25 294 iPc 02 40.00 1.0
0.8s 24.25nm 5.0mb
CD2 73.66 307 P 02 42.20 1.0
LZH 75.81 312 Pc 02 55.00 1.4
1.0s 61.00nm 5.3mb
SPA 78.39 180 iPc 03 07.20 -0.1
1.0s 59.00nm 5.3mb
GTA 80.11 314 iPd 03 19.00 2.0
SBB 85.00 53 eP 03 43.00 0.9
e 04 17.00 133km
PLM 85.37 55 eP 03 45.00 0.9
e 04 18.00 129km
TPC 86.23 54 eP 03 50.00 1.8
e 04 23.00 128km
GLA 86.92 56 eP 03 53.00 1.5
e 04 26.00 128km
PKI 87.68 299 iPc 03 56.00 0.3
0.6s 24.00nm 5.4mb
KKN 87.85 299 iPc 03 57.00 0.7
0.6s 24.00nm 5.4mb
EUR 87.85 49 iP 03 57.20 1.1
0.9s 6.96nm 4.7mb
DMN 87.95 299 iPc 03 57.80 0.9
0.7s 60.00nm 5.7mb
WMQ 90.14 315 eP 04 07.10 0.5
GBA 91.90 283 Pc 04 15.20 0.1
0.4s 5.80nm 5.1mb
KJF 120.26 341 iPKP 09 56.20 -0.3
0.7s 13.30nm
SUF 121.78 340 iPKP 09 58.80 -0.6
0.5s 4.10nm
NUR 123.82 338 iPKP 10 03.50 0.0
0.7s 9.30nm
NB2 127.54 345 PKP 10 10.00 -0.7
0.7s 2.30nm
CLL 135.02 337 ePKP 10 26.00 0.8
KHC 136.48 334 PKP 10 28.50 0.4
WLF 138.83 341 PKP 10 35.60 3.3X
LDF 141.58 346 ePKP 10 36.10 -1.3
SSF 141.97 341 ePKP 10 36.80 -1.3
0.8s 4.00nm
LPF 142.32 346 ePKP 10 36.80 -1.8
1.0s 7.40nm
MZF 143.01 341 ePKP 10 38.30 -1.6
1.0s 4.40nm
TCF 143.06 342 ePKP 10 38.30 -1.7
1.0s 6.20nm
MFF 143.44 345 ePKP 10 38.40 -2.2
0.8s 8.00nm
FRF 143.82 335 ePKP 10 39.10 -2.3
0.8s 23.30nm
LRG 144.03 335 ePKP 10 40.40 -1.3
0.9s 30.70nm
LMR 144.06 335 ePKP 10 40.10 -1.7
1.0s 45.60nm
RJF 144.16 342 ePKP 10 40.80 -1.1
1.0s 16.00nm
CAF 144.33 341 ePKP 10 41.50 -0.7
1.0s 22.00nm
LFF 144.72 343 ePKP 10 42.70 -0.1
0.8s 21.60nm
LPO 144.82 342 ePKP 10 43.20 0.2
0.8s 19.80nm
SOB1 145.67 126 iPKPc 10 45.60 0.2
0.8s 23.40nm
e 10 47.00
e 10 48.10
e 10 50.00
e 11 21.80
e 11 33.40
MLS 146.40 341 ePKP 10 47.90 2.1
BNG 147.59 260 iPKPd 10 47.80 -0.7
1.4s 41.90nm
i 10 51.10
i 10 53.10
i 11 07.80
i 11 26.80

17d 15h

S.D. = 1.1 on 81 of 83 obs.

? JUN 17, 1985 15h 22m 35.30±10.40s
33.128 S ±21.9km 72.544 W ±83.5km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	1 26	131	iPd	22 56.50	-0.1
			iS	23 09 40	
ROCH	1 30	84	iPc	22 56.50	-0 9
			iS	23 11.30	
PEL	1.56	91	iPc	23 01.10	0.0
			iS	23 19.00	
JACH	1.70	75	iPd	23 02.40	-0.8
BACH	1.73	98	iPc	23 03.90	0.3
			i	23 23.90	
			iS	23 25.10	
PCH	1.77	107	iPd	23 04.20	0.0
			i	23 20.00	
			iS	23 27.40	
CHCH	1.77	117	iPd	23 04.10	-0.1
FCH	1.90	97	iPc	23 06.50	0.2
			iS	23 29.50	
MDZ	3.11	87	iP	23 29.90	6.6X
			iS	24 13.30	
RFA	3.76	117	e(P)	23 36.20	3.7X
TCA	6.97	77	ePc	24 19.00	1.2
			S	25 40.30	

S.D. = 0.7 on 9 of 11 obs.

? JUN 17, 1985 17h 19m 42.78± 3.58s
5.982 S ±10.1km 151.681 E ±38.1km
DEPTH = 33.0km (normal)
3.6mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	0.92	317	iPd	19 58.00	-1.3
LMG	4.55	230	iPc	20 51.00	-0.3
LAT	4.70	262	eP	20 58.00	4.8X
PMG	5.63	233	eP	21 07.00	0.6
MOM	5.79	312	iPc	21 10.30	1.6
MDG	5.92	277	e(P)	21 10.00	-0.5
WB2	21.82	229	iPc	24 34.20	-0.1
			i	24 42.90	
WRA	21.83	229	Pc	24 34.30	-0.1
	0.4s		1.10nm		3.6mb
ASPA	24.53	222	eP	25 12.00	11.2X
PKI	72.08	301	eP	31 01.60	-5.0X

S.D. = 1.1 on 7 of 10 obs.

? JUN 17, 1985 18h 18m 09.56± 5.41s
34.951 N ±51.6km 139.818 E ±10.7km
DEPTH = 33.0km (normal)
NEAR S. COAST OF HONSHU, JAPAN (230)

KYS	0.37	48	eP	18 18.30	0.1
OYM	0.66	315	eP	18 22.60	0.1
SRY	0.79	326	eP	18 18.30	-6.0X
DDR	1.16	334	eP	18 30.30	0.7
			S	19 00.50	
TSK	1.28	11	eP	18 30.90	-0.3
MAT	2.06	321	eP	18 42.00	-0.5
			eS	19 24.00	

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

JUN 17, 1985 19h 12m 38.86± 0.37s
30.276 N ± 2.0km 132.681 E ± 2.1km
DEPTH = 26.3 ± 2.5 km
5.8mb (77 obs.) 5.3Msz (3 obs.)
SOUTHEAST OF SHIKOKU, JAPAN (237)
Felt (I JMA) at Kagoshimo, Kyushu.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=175 Dip=62 Slip=-147
NP2: 68 61 -32
Principal Axes:
T Plg= 0 Azm=301
P 42 32
Comment: The focal mechonism is moderately well contralled ond corresponds to strike-slip faulting with o large normol component. The preferred fault plane is nat determined.
MOMENT TENSOR SOLUTION
Dep 6 Na. af sta: 8
Mament Tensor; Scale 10**24 d-cm
Mrr=-3.37 Mtt=-0.81
Mff= 4.18 Mrt=-1.66
Mrf= 2.92 Mtf= 0.96
Principal axes:
T Vol= 5.20 Plg=18 Azm=274
N -0.03 23 176
P -5.18 60 38
Best Double Couple:Mo=5.2*10**24
NP1:Strike= 36 Dip=34 Slip= -45
NP2: 165 67 -115
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 27C
Centroid Location:
Origin Time 19:12:41.2 0.3
Lat 30.04N 0.05 Lon 132.58E 0.05
Dep 10.0 FIX Half-duration 2.3
Moment Tensor; Scale 10**24 D-CM
Mrr=-2.36 0.09 Mtt= 0.05 0.08
Mff= 2.31 0.13 Mrt=-0.55 0.26
Mrf= 0.87 0.27 Mtf= 0.37 0.08
Principal Axes:
T Vol= 2.50 Plg= 9 Azm=277
N 0.15 14 184
P -2.65 73 40
Best Double Couple:Mo=2.6*10**24
NP1:Strike= 23 Dip=38 Slip= -67
NP2: 175 56 -106

TAJ	1.52	288	iPc	13 04.20	-0.3
			iS	13 23.20	
MYZ	1.96	327	iPc	13 11.80	0.9
			S	13 35.30	
KAG	2.24	306	iPc	13 15.40	0.5
			S	13 42.50	
ASZ	2.45	7	Pd	13 17.40	-0.5
			S	13 43.20	
NOB	2.45	340	Pc	13 17.80	-0.2
			S	13 45.50	
ASJ	2.93	333	Pc	13 24.90	0.0
			S	14 03.40	
KUM	3.03	327	Pc	13 26.60	0.4
			S	14 01.00	
OIT	3.08	343	P	13 28.50	1.6
			S	14 02.80	
NZJ	3.36	237	Pc	13 29.50	-1.3
			iS	14 06.60	
NGS	3.43	316	Pc	13 32.00	0.2
			S	14 10.80	
MTY	3.55	1	eP	13 34.00	0.4
			S	14 13.50	
SAG	3.58	326	eP	13 35.00	1.0
			eS	14 14.00	
FKK	3.83	330	iPc	13 37.30	-0.2
			S	14 20.20	
SHN	3.95	339	ePc	13 39.00	-0.2
			S	14 21.70	
HIR	4.08	357	Pd	13 41.30	0.2
			S	14 27.30	
TKS	4.11	23	eP	13 42.00	0.6
			e	14 23.00	
SHK	4.24	360	iPd	13 43.10	-0.3
			eS	14 29.60	
MVI	4.61	196	eP	13 49.00	0.4
			eS	14 41.00	
HMD	4.63	354	eP	13 49.00	0.1
			S	14 41.00	
OSA	5.00	28	eP	13 55.00	0.9
			eS	14 53.00	
OYM	7.53	45	eP	14 28.70	-1.1
SRY	7.68	44	eP	14 31.20	-0.6
MAT	7.77	35	eP	14 32.00	-1.1
	1.0s		167.00nm		6.2mb
			eS	16 07.00	
DDR	7.90	42	eP	14 34.80	-0.1
KYS	7.98	50	eP	14 38.50	2.6
TSK	8.58	44	eP	14 43.60	-0.8
SEO	8.68	328	iPd	14 45.60	-0.1
SSE	9.93	278	iPd	15 01.50	-1.4
	1.5s		204.00nm		6.2mb
	Z 12s		19.20um		
	N 14s		8.60um		
	E 12s		16.80um		
			eS	17 12.00	
			SS	17 36.00	
ANP	11.11	246	eP	15 25.00	5.8X
NJ2	11.97	282	Pd	15 28.00	-2.8
DL2	12.52	316	iPc	15 36.00	-2.1
			eS	17 55.00	
QZH	13.57	250	P	15 52.20	0.2
SNY	13.67	330	iPc	15 54.00	0.8
			S	18 30.00	
TIA	14.29	299	eP	15 59.50	-2.0
			eS	18 45.00	
MDJ	14.52	351	Pd	16 06.00	1.6
CN2	14.67	339	Pc	16 06.60	0 2
			ipP	16 14.20	
			sP	16 18.50	
			PP	16 20.00	
			PPP	16 28.00	
			S	18 54.00	
			SS	19 11.50	
WHN	15.82	276	eP	16 21.50	0.1
BJI	16.62	310	eP	16 30.00	-1.5
N	17s		17.70um		
E	18s		6.40um		
			ePP	16 43.00	
			ePPP	16 53.00	
			eS	19 48.00	
SZP	16.87	224	iPc	16 42.00	7.2X
			iS	16 48.00	
BAG	17.70	221	eP	16 45.00	-0.3
			eS	20 10.00	
TIY	18.33	299	eP	16 53.00	0.0
HKC	18.38	249	eP	16 54.50	1.0
			eS	20 35.00	
GZH	18.69	252	Pd	16 56.60	-0.7
			sP	17 07.50	
			S	20 25.00	
MAN	18.86	217	eP	17 00.50	1.0
GUMO	20.06	143	eP	17 13.20	0.2
			eS	21 04.00	
PJG	20.06	143	eP	17 14.00	1.0
HHC	20.11	307	eP	17 12.00	-1.5
			pP	17 20.50	32kmX
			S	20 57.50	
GUA	20.13	143	eP	17 13.00	-0.7
	1.0s		240.00nm		5.5mb
XAN	20.45	287	P	17 14.50	-2.5
			PP	17 35.50	
			S	21 00.00	
			SS	21 18.50	
BTO	21.09	305	P	17 25.50	1.9
CGP	22.96	201	iPd	17 41.00	-1.3
GYA	23.19	267	P	17 46.00	1.4
			S	21 55.00	
QIZ	23.54	247	P	17 50.00	2.1
DAV	24.01	198	eP	17 45.00	-7.5X
LZH	24.77	291	eP	18 00.50	0.6
	5.0s		1529.00nm		5.9mb X
E	12s		4.50um		
			eS	22 13.00	
CD2	24.88	279	P	18 00.00	-0.9
			eS	22 15.00	
KMI	26.96	266	eP	18 02.50	-18.0X
N	14s		4.50um		
			eS	22 50.00	
			sS	23 11.00	
KMI	26.96	266	Pd	18 20.00	-0.5
			eS	22 50.00	
GTA	28.34	298	P	18 32.70	-0.1
			PcP	21 45.50	
			S	23 18.00	
LOE	30.96	253	eP	18 55.00	-1.2
CHG	32.62	257	iPd	19 11.20	0.5
	0.8s		30.97nm		5.3mb
			eS	24 26.00	
NST	33.16	251	eP	19 16.50	1.1
JAY	33.50	165	ePd	19 19.00	0.7
KHT	34.89	251	eP	19 31.40	1.0
LSA	35.83	280	P	19 37.60	-1.2
			S	25 16.50	
MDG	37.49	158	eP	19 53.00	0.8
SNG	37.84	239	eP	19 57.00	1.7
WMQ	37.91	304	eP	19 56.60	0.9
			sP	20 07.50	
			PP	21 30.50	
			PcP	22 11.80	
			S	25 46.50	
			ScP	25 50.00	
			PcS	26 00.00	
LAT	39.20	157	eP	20 06.00	-0.6
IPM	39.30	236	ePd	20 08.60	1.1
			i	20 14.90	

KGM		39.55	230	ePc	20	11.50	1.9				e	37	52.00		PRK		82.74	311	iPc	25	02.00	0.2
KUPT		41.13	194	ePc	20	22.80	0.3				eSSS	41	44.00		ZST		82.94	323	iPd	25	04.40	1.7
PKI		41.23	278	eP	20	24.40	0.7	MSL	72.43	302	ePc	24	04.50	-0.4					i	25	14.20	
KKN		41.29	279	eP	20	24.90	0.9	PHC	72.98	41	eP	24	08.00	0.2					e(PP)	28	15.30	
DMN		41.48	279	eP	20	27.20	1.5	YKA	73.19	27	eP	24	09.40	0.5	HAM		82.98	330	iPd	25	04.00	1.3
TSI		41.81	237	e(P)	20	31.00	2.8	RSNT	73.20	27	P	24	08.50	-0.4	CLL		83.01	327	iPd	25	02.90	0.0
PSI		42.11	236	ePc	20	31.50	0.9		0.9s		60.92nm			5.6mb			1.6s		415.00nm			6.3mb
MTN		42.90	182	eP	20	36.00	-0.9	YKC	73.25	27	eP	24	08.00	-1.2					i	25	14.00	
		0.9s		93.00nm			5.5mb		1.0s		72.00nm			5.7mb	PRU		83.12	325	iPd	25	04.20	0.7
				epP	20	46.00	34kmX	TAU	74.06	169	iPd	24	13.70	-0.3			1.4s		212.00nm			6.1mb
PPI		43.34	231	ePc	20	42.00	1.4	UPP	75.63	332	iP	24	21.70	-1.2		Z	15s		3.30um			5.8MszX
		1.0s		51.70nm			5.2mb				iS	34	00.00			N	16s		1.50um			
KNA		45.91	185	iPd	21	01.20	0.1	RTB	75.97	300	iPc	24	26.00	0.6		E	15s		2.30um			
KSH		46.75	297	Pd	21	10.00	2.2	NB2	77.38	335	P	24	31.30	-1.5					i	25	14.90	
NDI		47.90	283	iPd	21	17.00	0.1		1.0s		250.00nm			6.2mb					S	35	24.00	
		1.0s		220.00nm			6.1mb	BFW	77.47	43	P	24	34.00	0.4	FFC		83.20	28	iPd	25	03.90	0.0
	Z	20s		2.13um			5.1Msz	PNT	78.04	40	eP	24	37.00	0.4			1.7s		200.00nm			6.0mb
	N	20s		1.06um				PPE	78.18	317	ePd	24	37.50	0.1	GCC		83.23	51	eP	25	04.50	0.1
	E	20s		1.42um				COR	78.39	45	iPc	24	40.00	1.4	MHC		83.30	51	ePd	25	05.00	0.1
				eS	28	14.00		VRI	78.89	317	iPc	24	42.00	0.7	VKA		83.31	323	iPd	25	05.80	1.2
WB2		49.96	178	iPd	21	31.80	-0.9	EDM	79.08	34	iPd	24	42.30	0.0			2.0s		791.00nm			6.5mb
WRA		49.95	178	Pc	21	32.40	-0.3		1.5s		263.00nm			6.0mb		Z	13s		1.46um			5.5MszX
		1.4s		78.00nm			5.5mb	CVO	79.24	317	ePd	24	44.00	0.7					ipP	25	16.30	33kmX
HYB		50.71	268	ePc	21	39.50	0.8	HNM	79.29	319	ePd	24	44.50	0.8					e(PP)	28	25.00	
CTA		51.75	164	iPd	21	45.80	-0.5	MLR	79.55	317	ePd	24	44.50	-0.6	SLD		83.73	51	P	25	07.80	0.8
		1.3s		84.62nm			5.5mb	MGI	79.88	302	iP	24	47.00	0.0	SAO		83.75	51	eP	25	07.00	0.0
				iS	29	04.00		FHC	79.92	49	ePd	24	48.30	1.3	JAS1		83.79	50	ePd	25	07.40	0.1
GBA		53.36	265	Pc	21	59.20	0.7	NEW	80.00	40	eP	24	47.00	-0.4					ePP	28	20.40	
		1.2s		125.80nm			5.8mb	CSS	80.17	305	eP	24	48.50	0.0	VAY		83.92	315	iPd	25	08.00	0.2
ASPA		53.65	179	iPd	21	59.90	-0.5	CGN	80.24	316	eP	24	38.00	-10.6X			1.4s		0.14nm			3.0mb X
				eS	29	33.00		KRA	80.33	323	ePd	24	49.30	0.3					i	25	18.40	
KOD		54.95	261	eP	22	08.00	-2.5		0.8s		221.00nm			6.2mb	LRM		84.02	40	ePd	25	09.00	0.4
TTA		55.05	32	ePd	22	10.40	0.0		Z	15s	4.50um			5.9MszX	PRS		84.03	51	ePd	25	08.80	0.3
NAU		55.05	199	iPd	22	10.60	-0.1		N	18s	4.80um				MOX		84.11	327	iPd	25	09.00	0.4
BRW		55.41	22	ePd	22	13.10	0.3		E	18s	4.00um						1.6s		247.00nm			6.2mb
QUE		56.02	288	iPd	22	17.90	-0.1				i	24	59.70			Z	14s		2.70um			5.8MszX
				ePP	22	27.50					eS	35	03.00			N	16s		1.80um			
				eS	30	10.00		JER	80.39	301	iPd	24	47.00	-2.8		E	16s		1.50um			
IMA		56.12	28	ePd	22	18.20	0.0	COP	80.41	330	iPc	24	49.40	0.2					ipPd	25	19.50	33kmX
		1.0s		67.50nm			5.6mb		0.7s		19.18nm			5.2mb					ePP	28	25.00	
WBN		56.40	187	iPd	22	20.70	0.3				i	25	00.00						eSKS	35	32.00	
PMR		58.32	33	ePd	22	32.70	-0.8				iS	34	53.00		KHC		84.15	325	iPd	25	09.30	0.4
		1.1s		200.00nm			6.1mb	SPC	80.68	322	iPd	24	51.00	-0.1			1.1s		130.00nm			6.1mb
RMO		58.50	163	eP	22	34.00	-1.2				i	25	02.80			Z	14s		1.50um			5.5MszX
FBA		58.61	29	ePd	22	35.30	-0.3				e(PP)	27	57.00			N	14s		0.90um			
KOU		58.98	145	iPc	22	39.10	0.5	KCT	80.85	311	iP	24	52.00	0.0		E	14s		1.30um			
MHI		60.14	297	iPd-	22	47.80	1.2	TCW	80.86	150	eP	24	51.50	-0.2					i	25	19.50	
				eS	31	06.00		MNG	80.92	148	eP	24	51.00	-1.1					S	35	40.00	
BRS		60.48	159	iPd	22	47.50	-1.3	JOS	80.93	321	iPd	24	53.10	0.9	LLA		84.16	51	eP	25	09.50	0.3
KHI		61.47	295	ePd	22	56.00	0.2		1.3s		125.70nm			5.8mb	HOF		84.21	326	iPd	25	09.70	0.6
KLG		61.65	191	eP	22	55.50	-1.2	WDC	80.97	48	iPd	24	52.90	0.3			1.0s		240.00nm			6.4mb
STK		62.39	171	eP	23	01.00	-0.6				ePP	27	51.00		SKO		84.23	316	iPd	25	10.30	0.9
INK		63.63	24	iPd	23	08.60	-0.8	DST	81.01	311	iP	24	52.90	0.0					iS	35	34.00	
		1.1s		110.00nm			5.9mb	EDC	81.12	312	iP	24	53.00	-0.3	BMN		84.42	46	P	25	11.40	0.8
NWAO		64.54	194	iPc	23	15.10	-0.6	MSZ	81.22	155	P	24	54.00	0.5	WET		84.49	325	iPd	25	11.10	0.5
MBC		64.96	15	ePd	23	17.50	-0.5	PRNI	81.25	300	iP	24	52.00	-2.3			1.6s		158.00nm			6.0mb
		0.9s		178.00nm			6.2mb	MFT	81.26	312	iP	24	54.50	0.3	KMR		84.57	324	iP-	25	12.40	1.5
				pP	23	28.00	34kmX	GAS	81.35	49	P	24	55.60	0.9	PRI		84.61	51	ePd	25	12.10	0.5
CAN		67.03	166	eP	23	31.40	-0.3	GZR	81.46	318	iPd	24	55.50	0.4	FRI		84.78	50	ePd	25	12.00	-0.2
				epP	23	41.80	33kmX	DIM	81.65	314	iPc	24	57.00	1.0	FRB		84.80	9	ePd	25	11.30	-0.4
KEV		67.11	339	iP	23	31.20	-0.6	KSP	81.71	325	iPd	24	57.00	0.8			1.2s		220.00nm			6.3mb
				ePP	25	59.00			1.3s		246.00nm			6.1mb	WIT		84.84	330	eP	25	13.00	0.9
				eS	32	32.00					id	25	07.50						e	25	23.50	
ALE		67.21	2	ePd	23	31.70	-0.6	AKU	81.72	348	iP	24	58.00	2.0	GRF		84.94	326	iPd	25	13.60	0.8
		1.2s		214.00nm			6.1mb		1.2s		62.50nm			5.5mb			1.5s		390.00nm			6.4mb
WAM		67.85	166	eP	23	37.30	0.5	SES	81.93	35	eP	24	57.00	-0.5		Z	22s		2.00um			5.5Msz
				epP	23	47.20	32kmX		1.0s		96.00nm			5.8mb					e	25	19.20	
SHI		67.94	292	eP	23	38.00	0.1				pP	25	08.00	35kmX					e	25	23.70	
SOD		68.28	336	iP	23	37.60	-1.6	KDZ	82.02	314	iPd	24	59.00	1.0	HPI		84.95	42	P	25	14.00	0.7
				e	26	06.00		BRL	82.12	327	eP	25	00.00	1.8	MNA		84.98	48	iPd	25	14.10	0.7
TOO		68.55	169	eP	23	41.00	-0.2	PLD	82.16	314	iPd	24	59.00	0.3	KZN		85.00	314	iPc	25	13.00	-0.4
KJF		69.31	333	iP	23	45.00	-0.6	ORV	82.19	49	ePd	24	58.70	-0.3	ATH		85.11	311	eP	25	12.00	-1.8
		1.2s		135.90nm			5.9mb	BRN	82.19	327	eP	25	01.00	2.4	OHR		85.13	315	eP	25	13.50	-0.4
				i	23	55.00		EZN	82.39	312	iP	24	59.60	-0.4	WTS		85.36	330	ePd	25	14.50	-0.3
				ePP	26	20.00		SRO	82.53	322	iP	25	01.60	1.1			1.0s		46.00nm			5.7mb
				eS	32	48.00			N	20s	3.20um								ePP	28	34.00	
				eSS	37	12.00			E	20s	3.10um				NPS		85.38	308	iPc	25	15.00	-0.3
TAB		69.43	303	eP	23	48.00	1.1				i	25	11.50		BHG		85.43	324	eP	25	15.90	0.6
KER		70.31	299	eP	23	52.00	-0.4				e	26	30.10		LJU		85.66	322	eP	25	16.50	0.1
SUF		70.62	332	iPc	23	52.70	-0.9				i(PP)	28	12.50						e	25	55.00	
		0.9s		63.30nm			5.7mb				e(S)	35	46.00						e	26	33.00	
NUR		72.34	330	iPc	24	03.30	-0.5	YER	82.55	309	iPd	25	01.60	0.6					eS	35	50.00	
		1.2s		112.70nm			5.8mb	IZM	82.56	310	iP	24	59.90	-1.0	EDU		85.71	337	iPd	25	16.00	-0.5
	Z	16s		2.00um			5.5MszX	BRK	82.60	50	eP	25	01.00	-0.1	EUR		85.76	46	iP	25	17.20	-0.2
				i	24	13.60		BKS	82.61	50	eP	25	01.80	0.6	TNS		85.88	328	ePd	25	17.50	0.0
				ePP	26	46.00			1.0s		87.00nm			5.8mb	BNS		85.93	329	iPd	25	17.40	-0.3
				eS	33	24.00		PCC	82.72	51	eP	25	01.00	-0.7			1.1s		65.00nm			5.8mb

17d 19h

DBN	85.99	331	eP	25	16.00	-1.9
	Z 20s	1.20um			5.3Msz	
			ePP	28	36.00	
			eS	35	52.00	
ELO	86.00	337	ePd	25	17.50	-0.5
VOY	86.01	322	iPc	25	18.00	-0.3
			i	25	26.80	
			i	25	43.40	
ESY	86.08	337	iPd	25	17.80	-0.5
EBH	86.11	337	ePd	25	17.80	-0.7
	1.0s	37.00nm			5.6mb	
TRI	86.29	322	iPd	25	18.00	-1.5
			iPP	28	40.00	
			iS	35	51.00	
			iSP	36	48.00	
			eSS	42	10.00	
			eSSS	45	44.00	
EBL	86.34	337	iPd	25	19.20	-0.4
	1.1s	106.00nm			6.0mb	
STB	86.35	329	iPd	25	19.50	-0.2
ISA	86.35	51	eP	25	20.00	-0.2
EAU	86.42	337	ePd	25	19.40	-0.6
EAB	86.44	338	iPd	25	19.60	-0.5
	1.0s	56.00nm			5.7mb	
ENN	86.63	329	eP	25	20.50	-0.6
	1.0s	54.00nm			5.7mb	
			e	25	31.50	
			ePP	28	44.00	
MEM	86.71	329	Pc	25	21.90	0.4
			PP	28	45.20	
EKA	86.73	337	Pd	25	20.80	-0.7
	1.1s	43.80nm			5.6mb	
ESK	86.76	337	eP	25	21.00	-0.7
CLC	86.85	50	eP	25	22.00	-0.6
VLS	87.00	313	iPc	25	23.00	-0.2
BUH	87.06	327	eP	25	23.20	-0.2
UCC	87.29	330	P	25	21.00	-3.3X
			SPP	37	03.00	
WLF	87.32	328	Pd	25	25.20	0.8
			S	36	10.00	
SBB	87.35	51	eP	25	25.00	0.0
			e	28	44.00	
PAS	87.42	52	eP	25	24.00	-1.3
MWC	87.46	52	eP	25	25.00	-0.7
OSS	87.51	324	ePd	25	25.70	0.0
SAX	87.52	325	ePd	25	25.90	0.0
BDW	87.54	41	P	25	25.50	-0.5
	0.9s	24.36nm			5.5mb	
SLE	87.57	326	ePd	25	25.50	-0.3
GSC	87.67	50	eP	25	26.00	-0.6
CDF	87.70	327	iPd	25	26.40	-0.1
	1.3s	122.70nm			6.0mb	
DOU	87.70	330	Pc	25	25.90	-0.4
	Z 14s	1.50um			5.6MszX	
			SKS	36	01.00	
ZUL	87.82	326	ePd	25	26.50	-0.5
SDW	87.90	51	P	25	28.00	0.3
LLS	87.95	325	ePd	25	27.70	-0.2
VDL	87.98	325	ePd	25	28.10	0.1
RVR	88.05	51	eP	25	29.00	0.7
BSF	88.34	327	iPd	25	29.00	-0.6
	1.1s	108.50nm			6.1mb	
HAU	88.42	327	eP	25	29.80	-0.1
	1.2s	62.90nm			5.8mb	
MSU	88.70	45	P	25	32.40	0.7
PLM	88.77	52	eP	25	31.00	-1.0
TPC	88.88	51	eP	25	32.00	-0.4
FIR	88.90	322	eP	25	25.00	-7.2X
MMK	89.03	325	ePd	25	33.10	0.0
DIX	89.29	325	ePd	25	34.20	-0.2
RSON	89.44	27	eP	25	34.00	-0.6
	1.0s	29.00nm			5.5mb	
EMS	89.53	326	ePd	25	34.90	-0.5
RSSD	89.65	37	eP	25	36.00	-0.1
	1.0s	59.00nm			5.8mb	
LPG	90.02	325	iPd	25	37.80	-0.1
	1.0s	67.30nm			5.8mb	
LOR	90.12	328	iPd	25	37.20	-0.7
	1.2s	62.40nm			5.7mb	
LBF	90.27	328	eP	25	37.80	-0.8
	1.0s	44.20nm			5.7mb	
GLA	90.32	51	eP	25	39.00	-0.1
SSF	90.43	328	iPd	25	38.80	-0.5
	1.2s	60.60nm			5.8mb	
GRC	90.45	328	iPd	25	39.30	-0.1
			i	25	44.50	
			i	25	49.40	

SMF	90.58	328	eP	25	39.80	-0.2
AVF	90.70	328	iPd	25	40.40	-0.1
LDF	90.87	331	eP	25	40.80	-0.5
	1.8s	75.90nm			5.7mb	
FLN	90.89	331	eP	25	41.00	-0.3
	1.8s	51.70nm			5.6mb	
BGF	91.11	328	eP	25	42.20	-0.2
	1.2s	57.20nm			5.8mb	
GRR	91.33	331	eP	25	43.20	-0.2
	1.2s	53.70nm			5.8mb	
FRF	91.46	324	eP	25	43.50	-0.6
	1.2s	34.90nm			5.6mb	
MZF	91.48	328	eP	25	44.20	0.0
	1.4s	130.60nm			6.1mb	
TCF	91.60	328	eP	25	44.40	-0.4
	1.2s	66.10nm			5.9mb	
LRG	91.68	324	eP	25	44.60	-0.5
	1.2s	49.90nm			5.8mb	
LPF	91.69	331	eP	25	45.00	0.0
	1.2s	79.30nm			6.0mb	
LMR	91.69	324	eP	25	44.80	-0.4
	1.6s	104.40nm			6.0mb	
CDR	91.82	325	ePd	25	45.10	-0.7
			e	25	56.20	
			e	28	44.80	
			e	29	26.80	
LSF	91.94	328	iPd	25	45.80	-0.5
	1.0s	61.50nm			6.0mb	
GOL	91.95	41	eP	25	47.30	0.5
	0.9s	11.74nm			5.3mb	
GLD	92.00	41	eP	25	48.30	1.4
	1.2s	80.81nm			6.0mb	
MFF	92.42	330	iPd	25	48.60	0.2
	1.2s	139.20nm			6.3mb	
RJF	92.66	328	eP	25	49.80	0.2
	1.2s	79.70nm			6.0mb	
CAF	92.69	327	iPd	25	50.00	0.2
	1.0s	46.00nm			5.9mb	
LHC	93.13	26	eP	25	52.00	0.3
LPO	93.29	328	eP	25	52.60	0.1
	1.6s	62.10nm			5.8mb	
LFF	93.30	328	eP	25	52.80	0.3
	1.2s	85.80nm			6.1mb	
SCH	93.61	11	eP	25	53.00	-0.9
ALQ	94.51	45	eP	25	58.80	0.2
	1.2s	33.98nm			5.7mb	
MLS	94.65	327	eP	25	58.10	-0.7
EPF	94.94	327	eP	25	59.60	-0.6
	1.4s	17.40nm			5.3mb	
AVY	95.14	251	ePc	26	02.00	0.5
TOL	99.46	328	eP	26	21.00	0.3
			ePP	31	28.00	
			eS	37	05.00	
			e	39	40.00	
			eSS	44	33.00	
LTX	100.03	48	ePdiff	26	24.00	0.5
	1.0s	4.20nm			4.9mb	
JCT	101.63	44	ePdiff	26	30.00	-0.6
BNG	108.31	287	iPKPd	31	06.50	-0.6
	1.2s	10.60nm				
SBA	109.78	173	e(PKP)	30	51.50	-16.5X
SLR	114.25	253	ePKP	31	18.00	-0.3
SWZ	117.25	253	ePKP	31	24.00	0.0
SPA	120.11	180	ePKP	31	28.00	-0.2
	1.2s	23.94nm				
			e	32	53.00	
KIC	125.30	305	iPKP	31	39.10	-0.5
	1.2s	156.00nm				
			i	31	49.10	
CHN	135.70	43	ePKP	32	02.00	2.4
BOG	136.88	41	ePKP	32	01.50	-0.6
NNA	147.15	63	ePKP	32	19.00	-0.6
	0.9s	21.01nm				
ZOBO	156.40	58	PKP	32	34.30	0.6
SOB1	158.20	343	ePKP	32	35.50	0.2
			e	33	09.00	
			e	33	15.00	
			e	33	18.90	
YJA	161.81	68	ePKPc	32	40.00	0.6
BAO	165.41	3	ePKP	32	41.50	-1.1
			i	33	40.20	

S.D. = 0.9 on 302 of 310 obs.

? JUN 17, 1985 21h 01m 00.44± 3.62s
39.783 N ± 9.7km 26.224 E ±35.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.09	61	iPg	01	03.10	0.1
			iSg	01	05.10	
KGT	1.06	51	iPn	01	11.80	-8.7X
MFT	1.29	39	iPn	01	23.90	-0.5
EDC	1.38	65	iPn	01	26.00	0.3
IZM	1.60	149	iPn	01	28.90	0.0
DST	1.86	95	iPn	01	32.40	-0.3
CTT	2.17	50	iPn	01	37.40	0.4

S.D. = 0.4 on 6 of 7 obs.

JUN 17, 1985 21h 52m 49.29± 1.00s
25.591 N ± 5.9km 90.229 E ± 4.5km
DEPTH = 22.3 ± 8.1 km
4.7mb (13 obs.)
INDIA-BANGLADESH BORDER REGION (315)

SHL	1.49	91	iP	53	16.30	1.2
CAL	3.49	210	ePn	54	02.00	18.6X
			eSn	54	48.80	
LSA	4.17	11	Pn	53	54.00	0.4
			Sn	54	39.50	
			Sg	54	58.50	
VAR	6.53	269	ePn	54	26.00	-0.4
			iS	55	37.00	
VIS	10.14	221	iP	55	16.00	-0.7
CHG	10.52	128	eP	55	18.00	-3.9X
	1.0s	10.00nm			5.1mb	
KMI	11.32	90	eP	55	32.00	-1.1
NDI	11.99	288	eP	55	37.00	-4.9X
			eS	57	42.00	
CD2	13.05	63	P	55	55.80	-0.2
HYB	13.57	235	eP	56	01.00	-1.9
GYA	14.80	83	P	56	18.00	-1.2
LZH	15.67	45	eP	56	28.00	-2.5
GTA	15.96	28	P	56	30.10	-4.1X
GBA	16.94	228	P	56	45.90	-0.6
	0.7s	16.80nm			4.3mb	
XAN	18.26	58	eP	57	00.80	-2.1
WMO	18.30	354	eP	57	02.50	-1.0
OIZ	19.28	106	P	57	16.20	0.8
KOD	19.49	221	eP	57	18.00	-0.2
QUE	21.07	288	iPd	57	34.00	-0.6
			ePP	57	46.00	
			e	01	17.50	
WHN	21.83	71	eP	57	41.00	-1.0
BTO	22.26	43	eP	57	45.00	-1.4
TIY	22.37	52	P	57	45.60	-1.9
TSI	23.38	159	ePd	58	02.50	5.2X
TIA	25.31	59	eP	58	16.00	0.1
BJI	26.02	50	eP	58	24.50	2.1
MHI	28.33	300	eP	58	45.00	1.3
VRI	53.93	309	eP	02	13.00	-0.3
MLR	54.48	309	ePd	02	17.50	-0.1
KJF	55.34	332	iP	02	22.50	-0.9
	0.7s	16.00nm			5.2mb	
NUR	56.08	327	eP	02	26.00	-2.7
SOD	56.53	335	eP	02	32.00	0.1
KEV	57.02	338	eP	02	35.00	-0.4
SPC	58.20	314	eP	02	45.30	1.1
UPP	59.53	326	iP	02	52.00	-1.0
SRO	59.58	312	e(P)	02	52.50	-1.1
PRU	61.82	315	eP	03	09.50	0.7
WRA	62.34	132	Pc	03	12.40	-0.2
	0.9s	27.40nm			5.4mb	
WB2	62.34	132	iPc	03	12.40	-0.2
KHC	62.56	314	P	03	14.00	0.2
	1.1s	5.60nm			4.6mb	
NB2	62.68	327	P	03	12.20	-2.2
	1.1s	7.60nm			4.8mb	
WTS	66.32	318	eP	03	38.00	-0.1
	0.9s	6.00nm			4.7mb	
CDF	66.79	314	eP	03	41.40	0.1
WLF	67.23	315	P	03	45.40	1.5
BSF	67.23	313	eP	03	44.40	0.2
LBF	69.30	313	eP	03	56.60	-0.3
SMF	69.48	313	eP	03	58.00	0.0
	1.0s	4.80nm			4.6mb	
SSF	69.59	313	eP	03	58.70	0.1
	1.0s	8.00nm			4.8mb	
AVF	69.76	313	eP	03	59.80	0.1
	1.0s	5.00nm			4.6mb	
MZF	70.43	313	eP	04	03.60	-0.3
	1.0s	4.40nm			4.5mb	
TCF	70.66	313	eP	04	04.80	-0.5
	1.0s	6.20nm			4.7mb	
MTD	70.92	240	eP	04	07.00	-0.3
LDF	71.48	316	eP	04	09.70	-0.4

BNG 71.58 266 iPc 04 09.60 -1.7
1.0s 9.20nm 4.8mb
KRI 72.50 241 eP 04 16.00 -0.8
BUL 75.15 239 eP 04 31.90 -0.3
YKA 90.00 11 eP 05 49.90 1.8
S.D. = 1.1 on 51 of 56 obs.

? JUN 17, 1985 22h 12m 10.36± 4.87s
8.795 S ±48 6km 128.558 E ±23.4km
DEPTH = 33.0km (normal)
TIMOR SEA (290)

MTN 4.75 148 eP 13 28.00 6.4X
eS 14 27.00
KUPT 5.07 254 eP 13 26.00 -0.1
KNA 6.92 178 iPc 13 53.00 0.9
eS 15 13.00
WRA 12.42 154 Pc 15 07.60 -0.1
0.8s 17.40nm 5.2mb X
WB2 12.42 154 eP 15 07.30 -0.5
eS 17 27.80
MBL 14.90 213 iPc 15 32.90 -7.5X
eS 18 08.00
ASPA 15.65 162 eP 15 51.00 0.8
eS 18 45.00
WBN 17.35 186 eP 16 10.00 -1.8
MEK 20.10 207 eP 16 45.00 0.7
eS 20 18.00
S.D. = 1.2 on 7 of 9 obs.

• JUN 17, 1985 22h 43m 54.21± 0.60s
14.936 S ±19.7km 173.638 W ±13.1km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
SAMOA ISLANDS REGION (169)

AFI 2.07 61 iPc 44 27.00 -0.4
S 44 46.00
WB2 49.71 256 eP 52 46.20 0.6
WRA 49.73 256 Pc 52 45.30 -0.3
0.8s 4.00nm 4.5mb
ASPA 50.04 252 eP 52 47.00 -1.0
SBA 63.69 185 e(P) 54 23.90 -0.3
SPA 75.16 180 eP 55 35.50 0.5
1.0s 8.50nm 4.7mb
PRU 144.41 351 ePKP 03 43.00 14.3X
JOS 144.55 344 ePKP 03 29.90 0.9
GRF 145.11 354 ePKP 03 33.00 3.1X
e 03 45.00
WLF 145.37 0 iPKPc 03 45.70 15.5X
KHC 145.39 352 PKP 03 30.50 0.1
i 03 40.70
ZST 145.67 347 ePKP 03 46.90 16.0X
i 03 55.60
SRO 145.75 346 iPKP 03 46.40 15.4X
GWF 146.04 359 ePKP 03 48.00 16.5X
GRC 147.62 4 iPKPd 03 40.80 6.8X
LOR 147.70 3 ePKP 03 39.90 5.7X
1.2s 8.90nm
SSF 147.88 4 ePKP 03 40.40 5.9X
LBF 147.99 3 ePKP 03 40.60 5.9X
LPG 149.53 359 ePKP 03 45.70 8.2X
1.0s 6.50nm
BNG 164.10 230 ePKPd 04 11.10 15.0X
1.0s 9.20nm
S.D. = 0.8 on 8 of 20 obs.

? JUN 17, 1985 23h 06m 59.29± 6.95s
10.379 S ±25.2km 40.082 E ±95.0km
DEPTH = 10.0km (geophysicist)
TANZANIA (573)

CLK 7.25 223 ePn 08 48.20 0.3
iSn 10 10.00
iSx 10 26.00
NAI 9.61 340 eP 09 21.00 0.0
0.8s 14.93nm 5.5mb X
MTD 10.43 231 iPn 09 32.00 -0.1
iSn 11 31.00
iLg 12 37.00
KRI 12.02 237 iPn 09 54.00 0.1
eSn 12 09.00
BUL 14.71 227 iPn 10 29.20 -0.3
iSn 13 13.50
iLg 14 52.50
S.D. = 0.3 on 5 of 5 obs.

• JUN 17, 1985 23h 15m 09.03± 0.93s
16.500 N ±10.5km 120.470 E ±21.8km
DEPTH = 5.0km (geophysicist)
4.2mb (1 obs.)
LUZON, PHILIPPINE ISLANDS (249)
Felt (III RF) at Boguio.

BAG 0.14 130 iPd- 15 12.00 0.0
SZP 1.05 359 iPd 15 29.00 -0.2
iS 15 43.00
MAN 1.92 162 iP 15 41.50 -1.2
eS 16 06.00
QCP 1.94 162 eP 15 04.00 -39.0X
BJI 23.75 352 eP 20 23.00 0.0
WB2 38.70 159 eP 22 37.30 1.5
NB2 84.69 333 P 27 45.00 -0.1
0.7s 1.00nm 4.2mb
S.D. = 1.1 on 6 of 7 obs.

• JUN 17, 1985 23h 28m 10.13± 0.77s
42.335 N ± 6.3km 25.086 E ± 7.8km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PLD 0.37 231 iPgc 28 17.00 -0.7
iSg 28 21.00
DIM 0.47 128 iPgc 28 19.00 -0.7
Sg 28 25.00
KDZ 0.72 164 iPgc 28 25.00 0.7
iSg 28 35.00
PVL 0.81 4 iPc 28 25.00 -0.9
iS 28 35.00
MMB 1.26 234 ePg 28 34.00 0.5
Sg 28 52.00
VAY 2.14 243 ePn 28 50.50 4.2X
MLR 3.22 11 eP 29 10.00 8.2X
GZR 3.48 332 ePc 29 24.00 18.5X
VRI 3.73 18 eP 29 10.00 1.1
S.D. = 1.1 on 6 of 9 obs.

? JUN 17, 1985 23h 43m 35.74± 3.59s
33.430 S ±13.1km 72.521 W ±30.7km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV 1.06 120 iPc 43 54.20 -0.1
iS 44 06.40
TACH 1.34 100 iP 43 57.50 -0.8
iS 44 14.00
ROCH 1.35 71 iPd 43 58.50 -0.1
PEL 1.56 80 iPd 44 01.90 0.3
iS 44 20.00
CHCH 1.64 108 iPd 44 02.50 -0.2
BACH 1.70 88 iPd 44 04.10 0.5
JACH 1.78 66 iPd 44 04.80 0.0
FCH 1.87 87 iPc 44 06.50 0.2
iS 44 30.50
MDZ 3.13 81 eP 44 29.50 5.6X
iS 45 13.50
RFA 3.62 113 ePc 44 32.30 1.4
RTCB 3.69 59 e(P) 44 35.00 3.0X
(S) 45 25.80
RTCV 3.71 66 ePd 44 37.00 4.9X
S 45 28.20
RTLL 4.02 60 iP 44 38.50 1.9
TCA 7.02 75 ePc 45 16.30 -2.7
S 46 43.70
SLA 10.62 37 e(P) 46 09.00 0.1
ITR 39.87 60 eP 51 07.70 -0.5
S.D. = 1.2 on 13 of 16 obs.

? JUN 17, 1985 23h 51m 28.54± 0.99s
34.958 N ±15.5km 137.623 E ±33.5km
DEPTH = 300.7 ± 13.4 km
3.6mb (2 obs.)
NEAR S. COAST OF HONSHU, JAPAN (230)

OYM 1.40 70 eP 52 11.80 0.3
SRY 1.50 64 iPd 52 12.00 -0.1
DDR 1.65 51 eP 52 13.60 0.4
S 52 48.10
MAT 1.65 17 iPd 52 12.80 -0.3
iS 52 46.60
KYS 2.08 83 eP 52 16.60 0.2
TSK 2.38 58 iPd 52 18.30 -0.6
WRA 54.69 184 P 00 29.00 -0.2
0.4s 0.60nm 3.4mb
KJF 67.02 333 eP 01 51.00 0.0
NUR 70.30 331 eP 02 11.00 -0.1
NB2 74.87 336 P 02 38.00 0.3
0.8s 1.60nm 3.8mb
S.D. = 0.4 on 10 of 10 obs.

& JUN 18, 1985 00h 12m 55.00s
32.680 N 117.150 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 3.9 (PAS). Felt (V)
at Imperial Beach, National
City, Poway and Escondido. Felt
(IV) at Bonita, El Cajon, Jomul,
La Mesa, Lemon Grove, San Diego
and Solano Beach.

CPE 0.20 12 iPc 12 59.40 0.2
SLBC 0.34 343 iP 13 01.70 -0.1
BAR 0.40 90 iPc 13 02.70 -0.4
CBX 0.55 131 iPd 13 06.10 0.1
S 13 11.50
IKP 0.88 92 iPd 13 11.20 -1.1
eS 13 22.80
ENX 0.89 152 iPd 13 11.50 -1.0
S 13 23.50
P8X 1.01 158 iPc 13 14.40 -0.1
S 13 27.40
EMX 1.76 113 iPc 13 26.40 0.3
S 13 50.40
SDW 1.93 2 P 13 28.90 0.2
GLA 1.99 79 P 13 28.60 -1.0
PRI 4.51 321 ePd 14 03.20 -2.3
EUR 6.86 8 iP 14 38.80 0.0
0.2s 19.54nm 5.9mb X
LTX 12.04 103 eP 15 50.50 0.3
0.6s 3.30nm 4.8mb X
EDM 20.71 6 ePd 17 39.00 0.5
14 obs. associated

& JUN 18, 1985 00h 23m 55.59s
59.832 N 152.492 W
DEPTH = 69.3km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM 0.39 335 iP 24 06.95 -0.6
iS 24 16.27
NNL 0.64 70 iP 24 10.20 0.2
AUL 0.66 227 iP 24 09.18 -1.0
iS 24 20.85
RDT 0.75 3 iP 24 10.58 -0.7
iS 24 23.15
BRLK 0 82 94 iP 24 10.95 -1.1
iS 24 23.95
NKA 1.11 34 iP 24 16.89 1.2
SLKM 1.32 58 iP 24 17.45 -1.1
SPU 1.37 9 iP 24 18.86 -0.4
iS 24 37.24
CRP 1.45 6 eP 24 20.15 -0.3
CGLM 1.50 9 iP 24 20.67 -0.4
SEW 1.55 79 eP 24 20.57 -1.1
MPA 1.70 66 eP 24 22.38 -1.2
SUA 1.85 27 iP 24 25.52 -0.3
SVW 2.01 311 iP 24 26.33 -1.7
PTE 2.01 58 eP 24 26.31 -1.6
PMS 2.03 44 iP 24 27.51 -0.7
KDC 2.09 180 eP 24 26.13 -2.9
SKT 2.21 12 eP 24 30.44 -0.2
PWA 2.23 34 eP 24 30.41 -0.6
PME 2.48 42 eP 24 32.87 -1.5
KNK 2.54 50 iP 24 33.67 -1.7
GHO 2.62 40 iP 24 34.90 -1.6
MSE 2.65 39 eP 24 35.05 -1.9
SML 2.84 44 eP 24 37.72 -1.9
GLI 2.88 66 eP 24 36.84 -3.2
FID 3.13 70 eP 24 39.56 -4.0
VZW 3.19 65 eP 24 41.19 -3.3
TTA 3.54 333 eP 24 47.48 -1.9
KLU 3.64 60 iP 24 47.92 -2.8
TOA 3.83 51 eP 24 51.73 -1.7
KMP 4.04 62 eP 24 53.19 -3.2
31 obs. associated

& JUN 18, 1985 00h 24m 11.40s
31.990 N 116.440 W
DEPTH = 6.0km (geophysicist)

18d 00h

BAJA CALIFORNIA (48)
<PAS-P>. ML 3.3 (PAS).

ENX	0.22	241	iPd	24	16.10	0.2
			S	24	19.30	
PBX	0.34	223	iPd	24	18.60	0.3
			S	24	23.50	
CBX	0.37	330	iPd	24	18.90	0.0
			S	24	24.60	
BAR	0.72	344	ePc	24	24.40	-1.3
			eSc	24	34.80	
IKP	0.71	23	iPc	24	24.90	-0.8
			eS	24	34.60	
EMX	1.02	90	iPd	24	30.80	-0.2
			S	24	44.30	
CPE	1.05	328	eP	24	30.70	-0.8
CPBX	1.05	66	iPd	24	32.80	1.2
			S	24	46.20	
SLBC	1.23	325	eP	24	33.90	-0.7
			eS	24	50.00	
GLA	1.73	52	eP	24	40.00	-2.2
SDW	2.67	349	eP	24	55.00	-0.8

11 obs. associated

& JUN 18, 1985 01h 23m 40.80s
35.230 N 117.320 W
DEPTH = 8.0km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.8 (PAS). Felt (III) at Barstow and Hinkley.

GSC	0.43	80	iPc	23	49.00	-0.5
CLC	0.63	339	iPc	23	52.30	-1.1
SDW	0.65	162	iP	23	52.80	-1.2
SBB	0.68	218	iPd	23	53.10	-1.4
WKTM	1.07	302	iP	24	00.30	-1.0
GWV	1.09	29	P	24	00.60	-1.0
RVR	1.23	182	ePc	24	03.00	-0.9
TMO	1.57	357	P	24	08.00	-1.3
PHAM	2.58	284	eP	24	23.00	-0.6
FRI	2.61	313	eP	24	23.00	-1.0
BLP	2.62	256	eP	24	22.00	-2.1
GLA	3.00	136	P	24	26.00	-3.5
EUR	4.38	14	iP	24	47.60	-1.7
	0.5s		4.26nm			
ALO	8.91	89	e(P)	26	00.00	7.1

14 obs. associated

• JUN 18, 1985 01h 34m 03.00± 0.75s
21.903 S ± 6.3km 68.422 W ±10.0km
DEPTH = 131.5 ± 8.7 km
4.6mb (6 obs.)
CHILE-BOLIVIA BORDER REGION (124)

TPZ	0.52	328	iP	34	46.20	23.2X
			S	35	20.50	
ANT	2.57	225	iPc	34	42.80	-1.9
	1.0s		90.00nm			
			iS	35	08.70	
YJA	2.72	96	iPc	34	47.90	0.8
			S	35	20.20	
SLA	3.89	137	ePc	35	04.10	1.8
			S	35	51.40	
FSA	4.71	153	iPd	35	14.50	1.4
CNCB	5.08	5	P	35	19.20	0.4
			S	36	03.00	
LPB	5.35	3	iPc	35	23.00	0.7
	0.9s		67.23nm		4.9mb	
			i	35	36.50	
ZOBO	5.61	3	P	35	26.50	0.6
CYA	6.93	160	ePd	35	42.00	-1.4
CFA	9.67	179	ePc	36	16.40	-3.7X
TCA	10.00	161	ePc	36	20.60	-4.0X
			S	38	08.00	
JACH	10.91	190	eP	36	32.00	-4.6X
MDZ	10.94	182	e(P)	36	38.80	1.8
ROCH	11.26	191	eP	36	40.00	-1.4
PEL	11.37	190	iPc	36	41.00	-1.7
			iS	38	59.70	
PCH	11.82	189	eP	36	48.00	-0.5
CHCH	12.14	189	iP	36	44.50	-8.3X
LNV	12.29	192	ePc	36	55.80	1.2
ITB1	13.18	105	iPc	37	12.50	6.2X
VAO	19.86	97	iP	38	23.70	-2.4
			e	38	42.20	
			e	39	13.10	
BAO	20.31	76	Pd	38	29.10	-1.7
			e	38	31.50	
			e	38	51.50	
SOB1	29.30	69	eP	39	53.40	-1.9
			e	39	55.30	
ITR	31.66	70	eP	40	14.60	-1.5
	1.0s		4.30nm		4.2mb	
RLO	63.00	336	eP	44	16.80	-1.1
FVM	63.06	341	eP	44	12.10	-6.2X
	0.8s		11.36nm		4.9mb	
TUL	63.07	335	e(P)	44	17.00	-1.4
	0.8s		5.40nm		4.5mb	
ALQ	67.08	327	eP	44	44.20	-0.3
	0.8s		2.61nm		4.2mb	
SPA	68.23	180	eP	44	53.40	2.2
	1.0s		30.00nm		5.1mb	
KIC	68.38	73	eP	44	51.90	-0.8
SBA	75.51	190	e(P)	45	33.70	-0.3
TDL	85.86	44	eP	46	31.00	2.0
BUL	88.85	111	iPc	46	45.70	1.6
KRI	91.01	108	eP	47	01.00	6.9X
YKA	91.72	340	eP	46	57.90	1.8
MTD	92.76	109	eP	47	09.00	6.9X
WRA	132.83	210	PKPd	53	04.90	0.1
	0.5s		2.30nm			
GBA	146.51	98	PKPd	53	31.30	1.9
	0.5s		5.50nm			

S.D. = 1.6 on 28 of 37 obs.

? JUN 18, 1985 02h 02m 54.46± 8.49s
32.662 S ±25.6km 72.743 W ±65.1km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH	1.49	102	iPc	03	18.60	-0.8
			iS	03	32.00	
LNV	1.71	140	iP	03	21.90	-0.4
			iS	03	37.50	
PEL	1.80	106	iPc	03	23.40	-0.3
			iS	03	39.20	
TACH	1.81	124	iP	03	23.70	-0.1
			iS	03	40.60	
JACH	1.81	91	iP	03	24.00	0.0
BACH	2.01	111	iPc	03	27.00	0.2
PCH	2.10	118	eP	03	28.00	-0.1
			iS	03	49.00	
CHCH	2.16	126	iPd	03	29.00	0.1
FCH	2.17	109	iPd	03	29.50	0.3
			iS	03	52.00	
MDZ	3.29	95	eP	03	50.40	5.5X
			iS	04	29.30	
RTCB	3.55	72	ePd	03	57.00	8.4X
			S	04	38.40	
RTCV	3.65	78	eP	04	00.30	10.2X
			S	04	44.20	
RTLL	3.87	71	ePd	04	00.70	7.6X
			S	04	45.30	
RFA	4.14	122	e(P)	03	58.00	1.0
TCA	7.05	81	ePc	04	38.30	0.2
			S	06	00.80	
SLA	10.14	41	ePc	05	45.80	24.8X

S.D. = 0.5 on 11 of 16 obs.

& JUN 18, 1985 03h 22m 28.60s
32.680 N 117.150 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 4.0 (PAS). Felt (V) at National City and Poway. Felt (IV) at Chula Vista, El Cajon, Escondido, Imperial Beach, Lakeside, Nestor, Oceanside, San Diego, Solana Beach and Spring Valley. Felt (III) at Campo, Bonsall, Julian, La Jolla and Tecate.

CPE	0.20	12	iPc	22	33.00	0.2
SLBC	0.34	343	eP	22	35.20	-0.2
BAR	0.40	90	iPc	22	36.30	-0.4
CBX	0.55	131	iPc	22	39.00	-0.6
			S	22	45.50	
IKP	0.88	92	iPc	22	45.00	-0.9
ENX	0.89	152	iPd	22	45.30	-0.8
			S	22	56.80	
PBX	1.01	158	iPc	22	47.60	-0.5
			S	22	57.68	
CIS	1.28	305	iP	22	50.80	-1.9
RVR	1.32	352	eP	22	52.50	-0.9
CPBX	1.58	99	iPd	22	58.00	0.8
			S	23	30.50	
EMX	1.76	113	iPd	23	00.00	0.3
			S	23	23.20	
SDW	1.93	2	eP	23	02.50	0.2
GLA	1.99	79	eP	23	01.80	-1.4
SBB	2.08	344	iPc	23	04.20	-0.3
WKTM	3.29	341	P	23	20.60	-1.1
BLP	3.30	306	eP	23	19.40	-2.4
VPEM	3.31	351	eP	23	21.60	-0.5
PRI	4.51	321	ePd	23	37.10	-2.0
PRS	5.04	317	ePd	23	43.20	-3.3
MNA	5.80	352	eP	23	57.60	0.2
JAS1	5.88	334	eP	23	57.20	-1.1
GCC	5.89	319	eP	23	54.60	-3.9
MHC	5.93	323	eP	23	57.70	-1.5
EUR	6.86	8	iP	24	12.80	0.4
	0.2s		16.75nm		5.8mb	X
ALQ	9.18	73	e(P)	24	37.00	-7.7
BDW	11.72	29	eP	25	21.30	1.7
	1.0s		3.20nm		4.6mb	X
LTX	12.04	103	eP	25	24.80	1.0
	0.7s		2.84nm		4.7mb	X
EDM	20.71	6	eP	27	13.00	0.9

28 obs. associated

• JUN 18, 1985 03h 39m 40.71± 1.95s
44.586 N ± 6.8km 9.904 E ±19.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.8 (LDG).

CVF	2.15	201	Pn	40	17.60	0.4
			Sn	40	42.10	
LPG	2.41	293	Pn	40	22.20	1.1
			Sn	40	52.30	
FRF	2.56	248	Pn	40	22.40	-0.5
			Sn	40	51.80	
LMR	2.75	244	Pn	40	24.20	-1.5
			Sn	40	54.80	
LRG	2.80	247	Pn	40	27.40	1.1
			Sn	40	58.30	
CDR	3.11	254	eP	40	27.50	-3.3X
			e	40	28.60	
			e	40	30.00	
			e	41	02.30	
			e	41	03.80	
			e	41	16.20	
HAU	4.22	325	Pn	40	46.60	0.2
			Sn	41	33.70	
CDF	4.24	336	Pn	40	46.20	-0.6
			Sn	41	33.90	
SMF	4.73	298	Pn	40	53.30	-0.4
LBF	4.79	302	Pn	40	55.50	0.8
			Sn	41	47.90	
LOR	5.00	305	Pn	40	57.30	-0.2
			Sn	41	52.80	
BGF	5.33	294	Pn	41	01.90	-0.4

S.D. = 0.9 on 11 of 12 obs.

JUN 18, 1985 04h 09m 17.50± 0.51s
44.576 N ± 4.9km 9.693 E ± 4.4km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.5 (LDG), 3.5 (TRI), 3.2 (KBA).

FIR	1.38	125	ePg	09	44.50	1.8
			iSg	10	05.00	
MMK	1.91	321	ePd	09	53.00	2.3
VDL	1.92	355	ePd	09	51.50	0.8
FOUF	2.08	270	Pn	09	53.35	0.5
			Sn	10	20.70	
CVF	2.10	197	Pn	09	52.80	-0.3
			Sn	10	17.40	
OSS	2.13	8	ePd	09	55.10	1.3
DIX	2.20	314	eP	09	58.80	3.9X
LPG	2.28	295	Pn	09	56.30	0.2
			Sn	10	29.30	
LLS	2.34	348	eP	09	58.60	1.7
FRF	2.42	246	Pn	09	57.40	-0.3
			Sn	10	26.30	
EMS	2.46	308	eP	10	01.60	3.2X
LMR	2.61	243	Pn	09	59.60	-0.9
			Sn	10	30.50	
LRG	2.65	246	Pn	10	01.50	0.5

		Sn	10 32.90			
SAX	2.69	355 eP	10 03.70	1.9		
CDR	2.97	254 iPnd	10 06.10	0.6		
		i	10 26.60			
		eSn	10 38.00			
		e	10 39.30			
		e	10 40.30			
		i	10 50.40			
		e	10 51.30			
		i	10 51.60			
TRI	3 10	67 e(Pn)	10 05.10	-2.2		
		e	10 38.70			
		e(Sn)	10 43.30			
		i(Sg)	10 58.30			
SLE	3.30	346 eP	10 09.40	-0.8		
VOY	3.30	62 ePn	10 09.30	-1.1		
		e	10 49.60			
		e(Sn)	10 53.20			
		iSg	11 09.20			
CEY	3.54	69 eP	10 17.11	3.4X		
		e(Sn)	10 54.70			
		e(Sg)	11 13.80			
KBA	3.57	44 iPnc	10 16.00	1.7		
		i	10 19.20			
LJU	3.72	65 ePn	10 10.90	-5.3X		
	1.0s	110.00nm				
		e(Sn)	10 57.90			
		eSg	11 16.00			
BSF	3.83	329 Pn	10 17.30	-0.5		
		Sn	11 01.20			
HAU	4.14	327 Pn	10 22.40	0.3		
		Sn	11 09.30			
CDF	4.18	337 Pn	10 21.70	-1.1		
		Sn	11 09.70			
BUH	4.22	347 eP	10 22.20	-1.2		
SMF	4.60	299 Pn	10 28.40	-0.3		
		Sn	11 20.80			
GWF	4.63	343 ePn	10 28.40	-0.7		
LBF	4.67	303 Pn	10 29.00	-0.7		
		Sn	11 23.50			
LOR	4.88	306 Pn	10 32.00	-0.7		
		Sn	11 27.60			
AVF	4.96	299 Pn	10 33.60	-0.2		
		Sn	11 30.50			
SSF	4.99	302 Pn	10 33.50	-0.7		
		Sn	11 30.60			
BGF	5.20	295 Pn	10 36.50	-0.7		
		Sn	11 35.70			
GRF	5.22	11 e(Pn)	10 42.00	4.5X		
		ePg	10 56.00			
		e(Sg)	12 11.00			
MZF	5.27	291 Pn	10 37.50	-0.7		
		Sn	11 37.40			
KHC	5.28	29 Pg	10 36.50	-1.8		
		Sg	11 31.50			
GRC	5.36	303 iPnd	10 39.80	0.4		
CAF	5.45	276 Pn	10 41.00	0.3		
TCF	5.54	291 Pn	10 42.50	0.5		
		Sn	11 44.70			
MOX	6.21	11 e(P)	11 20.00	28.6X		
PRU	6.34	30 eP	11 36.00	42.8X		
		Sg	12 44.00			
DOU	6.52	330 eP	10 52.60	-3.1X		
S.D. = 1.1 on 33 of 41 obs.						

& JUN 18, 1985 04h 28m 14.80s
32.670 N 117.170 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 3.8 (PAS). Felt (IV) at Powoy ond Son Diego. Felt (III) at Julion.

CPE	0.22	16 iPc	28 19.60	0.3		
BAR	0.42	89 iPc	28 22.80	-0.5		
CBX	0.56	130 iPd	28 25.80	-0.2		
		S	28 33.60			
ENX	0.89	151 iPd	28 32.00	-0.3		
		S	28 44.10			
IKP	0.90	91 iPd	28 31.40	-1.0		
PBX	1.01	157 iPd	28 33.90	-0.3		
		S	28 47.70			
CIS	1.27	306 iPc	28 37.00	-1.8		
RVR	1.33	353 ePc	28 38.80	-0.9		
CPBX	1.60	99 iPc	28 41.30	-2.3		
		S	29 07.20			
EMX	1.77	112 iPd	28 47.30	1.2		
		S	29 10.30			
SDW	1.94	2 eP	28 48.50	-0.2		
GLA	2.01	78 eP	28 48.60	-1.1		
OSM	3.30	4 P	29 08.60	0.6		
YMT3	4.15	8 P	29 20.00	-0.2		
LCH	4.57	355 P	29 26.00	-0.2		
BLT	4.88	10 P	29 27.20	-3.4		
PRN	5.04	20 P	29 32.80	0.0		
MNA	5.81	352 P	29 45.20	1.5		
JAS1	5.88	334 P	29 41.10	-3.5		
EUR	6.87	8 iP	30 00.00	1.3		
	0.2s	10.33nm		5.6mb X		
ALO	9.20	73 e(P)	30 30.00	-1.2		
21 obs. associated						

• JUN 18, 1985 04h 36m 54.22± 0.66s
25.815 N ±12.2km 45.035 W ±14.0km
DEPTH = 10.0km (geophysicist)
4.5mb (6 obs.) 4.1Msz (1 obs.)
NORTH ATLANTIC RIDGE (403)

RLO	43.67	296 eP	45 00.70	-0.2		
TUL	44.29	296 eP	45 06.80	0.8		
	1.1s	12.40nm		4.7mb		
	Z 19s	0.20um		4.1Msz		
		e	45 13.40			
ZOBO	47.48	211 Pc	45 32.80	0.7		
LPB	47.70	211 eP	45 34.00	0.4		
CNCB	47.89	210 eP	45 34.00	-1.3		
NB2	51.53	31 P	46 02.40	0.3		
	0.7s	1.50nm		4.0mb		
TPZ	52.31	208 eP	46 02.00	-6.8X		
ALO	53.05	295 eP	46 13.30	-0.8		
	1.2s	5.86nm		4.4mb		
BDW	54.66	305 eP	46 25.40	-0.4		
	1.2s	2.90nm		4.2mb		
ALE	57.14	357 eP	46 43.00	0.1		
	0.8s	5.00nm		4.6mb		
SOD	59.40	25 eP	46 56.00	-2.8		
KJF	59.58	29 eP	47 01.00	0.9		
KEV	59.82	23 eP	46 54.00	-7.7X		
MBC	61.39	345 eP	47 14.00	1.6		
BNG	64.33	98 ePd	47 33.30	0.5		
	1.4s	14.00nm		5.0mb		
S.D. = 1.3 on 13 of 15 obs.						

JUN 18, 1985 04h 52m 55.19± 0.57s
45.667 N ± 5.7km 11.022 E ± 4.8km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.6 (KBA), 3.4 (TRI), 3.4 (LDG).

OSS	1.19	329 ePd	53 17.00	-0.5		
VDL	1.36	308 ePd	53 20.20	-0.1		
LLS	1.85	311 ePd	53 29.00	1.6		
FIR	1.90	175 ePg	53 33.00	5.1X		
		eSg	54 01.00			
TRI	1.92	88 iPnd	53 27.50	-0.7		
		i	53 30.30			
		iPgPg	53 35.40			
		iSn	53 52.00			
		iSg	53 55.50			
SAX	1.96	324 ePd	53 31.70	2.6		
VOY	2.04	79 ePn	53 30.10	0.0		
		iPb	53 33.50			
		iPg	53 35.10			
		iSg	54 01.30			
KBA	2.14	48 iPnd	53 32.50	0.9		
		iPg	53 34.90			
		iSn	53 56.70			
		iSg	54 00.00			
		i	54 03.10			
MMK	2.17	281 ePd	53 35.30	3.2X		
CEY	2.39	87 e(Pn)	53 40.10	5.1X		
		iSn	54 04.40			
		iSg	54 10.70			
LJU	2.48	80 ePn	53 42.40	6.1X		
		i	53 44.80			
		eSg	54 14.40			
DIX	2.56	281 ePd	53 40.20	2.6		
ZUL	2.57	316 ePd	53 43.90	6.4X		
SLE	2.73	321 ePd	53 40.70	0.9		
LPG	3.00	268 Pn	53 46.20	2.2		
		Sn	54 23.80			
CVF	3.46	207 Pn	53 50.90	0.6		
		Sn	54 29.90			
BUH	3.56	329 ePn	53 51.50	-0.2		
BSF	3.63	308 Pn	53 52.40	-0.2		
		Pg	54 04.50			
		Sn	54 34.80			
		Sg	54 51.60			
CDF	3.76	318 Pn	53 54.40	-0.1		
		Pg	54 06.30			
		Sn	54 37.70			
		Sg	54 56.30			
FRF	3.77	238 Pn	53 54.60	0 0		
		Sn	54 38.40			
KHC	3.88	26 Pg	53 54.90	-1.2		
		Sn	54 37.50			
		Sg	54 57.00			
HAU	3.97	308 Pn	53 57.10	-0.3		
		Sn	54 42.90			
LMR	3.98	236 Pn	53 57.40	-0.2		
		Sn	54 43.00			
LRG	4.00	238 Pn	53 57.60	-0.2		
GRF	4.03	2 ePg	54 10.80	12.6X		
		e(Sn)	54 40.00			
		eSg	55 03.00			
GWF	4.04	326 ePn	53 58.60	0.2		
CDR	4.24	244 eP	54 02.30	1.0		
		eSn	54 47.40			
		e	54 49.50			
		e	54 50.30			
TNS	4.88	340 ePn	54 15.00	4.7X		
		eSn	55 37.00			
PRU	4.93	27 eP	55 03.60	52.6X		
		eSg	55 29.00			
MOX	5.00	4 ePn	54 33.00	21.0X		
LBF	5.05	288 Pn	54 11.60	-1.2		
		Sn	55 07.50			
SMF	5.08	284 Pn	54 12.50	-0.7		
		Sn	55 09.00			
WLF	5.18	322 eP	54 28.90	14.4X		
LOR	5.20	290 Pn	54 13.60	-1.3		
		Sn	55 11.90			
SSF	5.39	288 Pn	54 17.30	-0.2		
		Sn	55 16.10			
AVF	5.44	285 Pn	54 16.80	-1.4		
		Sn	55 17.70			
BGF	5.75	282 Pn	54 21.70	-1.0		
		Sn	54 26.00			
MZF	5.91	278 Pn	54 23.50	-1.4		
		Sn	55 28.30			
TCF	6.17	279 Pn	54 27.40	-1.2		
		Sn	55 36.40			
DOU	6.19	318 eP	54 42.30	13.5X		
CAF	6.36	267 Pn	54 30.80	-0.5		
S.D. = 1.2 on 30 of 41 obs.						

• JUN 18, 1985 05h 07m 27.99± 1.02s
24.705 N ± 6.4km 121.752 E ±14.4km
DEPTH = 33.0km (normal)
TAIWAN (244)

TWC	0.13	137 iPc	07 34.70	0.8		
		eS	07 42.50			
TATO	0.36	318 iP	07 37.00	0.5		
		eS	07 47.00			
TWZ	0.42	338 iPc	07 36.60	-0.8		
		eS	07 46.00			
ANP	0.52	336 eP	07 39.00	0.0		
TWO	0.94	243 iPd	07 45.50	0.6		
TWF1	1.41	197 eP	07 50.70	-0.9		
TWK	1.84	219 iPd	07 57.70	-0.2		
S.D. = 0.8 on 7 of 7 obs.						

• JUN 18, 1985 05h 24m 49.65± 0.84s
36.578 N ±14.2km 140.426 E ±14.3km
DEPTH = 119.6 ± 6.1 km
4.1mb (1 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (I JMA) at Mito.

MIT	0.20	169 iP	25 06.50	0.2		
		iS	25 17.00			
TSK	0.45	215 eP	25 06.80	-0.7		
UTS	0.45	266 Pc	25 07.60	0.2		
		iS	25 19.30			
ONA	0.53	46 eP	25 08.00	0.1		
		iS	25 21.40			
TOK	1.04	211 P	25 12.80	0.5		
		S	25 28.40			
DDR	1.15	240 iPc	25 13.40	-0.2		

18d 05h

		S	25 30.10		
SRY	1.34 224	eP	25 15.80	0.2	
KYS	1.40 189	eP	25 16.10	-0.1	
OYM	1.50 220	eP	25 17.40	-0.1	
WB2	56.51 187	eP	34 21.30	-0.2	
WRA	56.51 187	Pc	34 21.70	0.2	
	0.3s	0.60nm		4.1mb	
	S.D. = 0.4	on 11 of 11 obs.			

• JUN 18, 1985 05h 53m 23.14± 1.24s
24.029 N ± 8.3km 122.463 E ±11.4km
DEPTH = 32.3 ± 7.7 km
4.3mb (2 obs.)
TAIWAN REGION (243)

TWC	0.80 316	iPd	53 37.20	-0.9	
		eS	53 47.00		
TATO	1.29 317	iPc	53 46.30	1.2	
TWZ	1.33 323	iPc	53 47.00	1.4	
ANP	1.44 323	iPd	53 48.50	1.3	
	0.7s 767.12nm				
		eS	53 59.70		
TWK	1.96 248	iPd	53 54.80	-0.1	
QZH	3.64 285	Pnc	54 16.20	-2.4	
		Sn	54 54.50		
SSE	7.13 351	P	55 07.20	-0.6	
GZH	8.42 265	eP	55 26.00	0.1	
NJ2	8.60 339	eP	55 26.60	-1.8	
BJI	16.82 343	eP	57 26.00	8.3X	
CD2	17.95 297	P	57 34.40	2.5	
HHC	19.10 334	eP	57 45.00	-1.0	
CN2	19.87 6	eP	57 54.00	-0.5	
LZH	20.06 311	eP	57 56.00	-0.7	
GTA	24.53 314	P	58 41.20	0.1	
WRA	45.21 164	Pc	01 39.70	0.5	
	0.9s 4.90nm			4.4mb	
WB2	45.22 164	eP	01 38.20	-1.0	
MBC	73.15 13	eP	04 51.50	-0.5	
NB2	78.90 332	P	05 23.80	-0.9	
	1.0s 3.20nm			4.3mb	
YKC	82.71 23	eP	05 46.00	1.3	
EDM	89.16 30	eP	06 18.00	1.2	
	S.D. = 1.3	on 20 of 21 obs.			

• JUN 18, 1985 05h 59m 17.98± 1.08s
8.630 S ±13.7km 123.714 E ±13.8km
DEPTH = 33.0km (normal)
4.8mb (5 obs.)
FLORES ISLAND REGION (286)

MTN	8.40 121	eP	01 23.00	2.5	
		eS	02 48.00		
KNA	8.63 146	iPd	01 23.60	0.0	
	0.3s 61.00nm			6.2mb X	
		eS	02 52.00		
WRA	15.24 139	Pd	02 49.90	-2.6	
	0.4s 12.10nm			4.5mb	
WB2	15.25 139	eP	02 48.30	-4.3X	
		iS	05 27.20		
NAU	15.93 209	iPc	03 03.00	1.7	
		eS	05 49.00		
WBN	17.63 171	eP	03 24.00	1.2	
	0.5s 19.00nm			4.5mb	
ASPA	17.85 148	eP	03 25.00	-0.6	
		eS	06 06.00		
MEK	18.55 195	eP	03 34.00	-0.1	
		eS	06 52.00		
MRWA	21.73 198	eP	04 07.00	-1.4	
		eS	08 02.00		
CTA	24.59 120	eP	04 39.00	2.4X	
PKI	51.67 315	iPd	08 24.50	0.0	
	0.6s 23.00nm			5.3mb	
KKN	51.90 316	P	08 26.20	0.1	
	0.8s 35.00nm			5.4mb	
SPA	81.43 180	eP	11 32.20	-0.8	
	0.6s 3.25nm			4.5mb	
TPZ	147.70 158	PKPd	19 04.70	5.4X	
CNCB	152.20 155	PKP	19 13.70	7.2X	
LPB	152.40 155	PKP	19 13.50	6.9X	
ZOBO	152.63 155	PKPc	19 14.60	7.5X	
SOB1	156.57 221	ePKP	19 13.10	1.2X	
	S.D. = 1.6	on 11 of 18 obs.			

? JUN 18, 1985 07h 56m 06.10± 4.88s
17.462 N ±52.9km 100.914 W ± 9.9km
DEPTH = 33.0km (normal)
GUERRERO, MEXICO (59)

PIM	1.23 311	iP	56 27.00	0.0	
		iS	56 44.00		
III	1.65 56	iP	56 33.20	-0.2	
		iS	56 58.00		
OXM	2.16 32	iP	56 41.00	0.1	
		i	57 13.00		
TPM	2.32 49	eP	56 42.50	-0.5	
		i	57 17.00		
IIP	2.67 45	eP	56 49.00	1.0	
IIC	2.78 34	eP	56 49.00	-0.6	
	S.D. = 0.7	on 6 of 6 obs.			

JUN 18, 1985 09h 31m 13.97± 0.93s
2.727 N ± 4.6km 128.491 E ± 8.6km
DEPTH = 229.4 ± 9.0 km
4.6mb (12 obs.)
HALMAHERA (267)

DAV	5.22 326	eP	32 33.00	0.6	
BAG	15.67 331	eP	34 44.90	0.3	
MTN	15.69 170	iPc	34 43.30	-1.4	
	0.3s 53.00nm			5.4mb	
KNA	18.36 179	iPd	35 14.00	-0.1	
WRA	23.25 166	Pd	36 02.40	0.0	
	0.4s 9.00nm			4.7mb	
WB2	23.25 166	eP	36 02.20	-0.3	
		eS	40 03.10		
MBL	25.21 199	iPd	36 20.70	0.1	
	0.3s 3.00nm			4.4mb	
WBN	28.76 184	eP	36 52.00	-0.5	
MEK	30.71 198	eP	37 09.00	-0.7	
MRWA	33.95 200	iPc	37 37.30	-0.3	
	0.3s 4.00nm			4.5mb	
BAL	35.00 198	iPd	37 46.70	0.2	
KLB	35.62 196	iPc	37 51.80	0.1	
MUN	36.43 198	iPc	37 58.30	-0.2	
STK	36.60 161	eP	38 00.00	0.1	
	0.4s 16.00nm			4.9mb	
NWAO	37.03 196	eP	38 04.00	0.6	
RKG	38.17 196	eP	38 18.50	5.6X	
YOU	41.30 155	eP	38 39.00	0.3	
CAN	42.45 155	eP	38 49.00	1.0	
WAM	43.15 156	eP	38 54.60	1.0	
PKI	47.98 305	eP	39 32.40	0.2	
	0.4s 7.00nm			4.4mb	
KKN	48.17 306	eP	39 34.00	0.4	
	0.5s 9.00nm			4.4mb	
DMN	48.24 305	eP	39 34.60	0.4	
	0.6s 12.00nm			4.5mb	
HYB	51.11 290	eP	39 56.30	0.5	
GBA	51.57 285	Pd	39 58.80	-0.4	
	0.5s 5.30nm			4.3mb	
MSZ	58.84 148	P	40 51.00	0.3	
KRP	59.38 138	P	40 54.90	0.4	
MNG	60.79 140	P	41 02.10	-2.0	
GNZ	61.43 137	P	41 08.00	-0.3	
DRV	69.72 175	e(P)	42 00.00	-0.5	
BRW	82.56 18	eP	43 13.50	1.5	
SBA	83.11 172	e(P)	43 15.90	1.2	
PMR	83.98 28	eP	43 19.40	0.1	
	0.5s 12.30nm			4.9mb	
PME	84.03 28	eP	43 19.40	-0.2	
	0.5s 12.30nm			4.9mb	
KEV	91.43 340	eP	43 54.00	-0.8	
SOD	92.06 338	iP	43 56.60	-1.1	
KJF	92.25 335	eP	43 57.00	-1.6	
SPA	92.71 180	e(P)	44 02.20	1.3	
SUF	93.24 333	iP	44 02.00	-1.2	
NB2	100.46 334	Pdiff	44 34.40	-1.6	
	0.8s 1.50nm			4.5mb	
ALQ	116.38 49	ePKP	49 33.00	0.4	
	0.8s 2.05nm				
KIC	132 44 281	ePKP	50 04.60	1.0	
TACH	144.27 152	iPKPc	50 24.10	-0.5	
PCH	144.50 152	ePKP	50 25.00	-0.1	
BACH	144.73 152	iPKPd	50 26.00	0.5	
ROCH	144.79 151	ePKPc	50 26.20	0.4	
PEL	144.81 151	iPKPc	50 25.60	0.0	
FCH	144.85 152	ePKP	50 27.00	0.9	
	S.D. = 0.8	on 46 of 47 obs.			

• JUN 18, 1985 11h 10m 48.85± 0.97s
34.299 N ±10.7km 83.874 E ±14.2km
DEPTH = 33.0km (normal)
4.8mb (6 obs.)
TIBET (306)

KKN	6.60 169	eP	12 25.90	-0.4	
	0.5s 15.00nm			5.1mb	
DMN	6.75 171	eP	12 30.20	1.7	
	0.5s 21.00nm			5.3mb	
PKI	6.83 168	eP	12 29.50	-0.2	
	0.5s 28.00nm			5.4mb	
NDI	7.98 227	eP	12 45.00	-0.4	
GBA	21.41 197	Pc	15 35.60	-0.5	
	0.6s 8.20nm			4.3mb	
NB2	52.40 324	P	20 00.60	0.7	
	0.7s 1.50nm			4.1mb	
WRA	72.21 130	Pc	22 12.20	-0.5	
	0.9s 4.10nm			4.4mb	
WB2	72.22 130	eP	22 12.20	-0.5	
	S.D. = 0.9	on 8 of 8 obs.			

JUN 18, 1985 12h 53m 34.70± 1.15s
5.761 N ± 6.7km 126.721 E ±12.4km
DEPTH = 142.4 ± 11.9 km
4.6mb (4 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

CGP	3.35 323	eP	54 27.00	0.1	
		iS	55 12.50		
KNA	21.47 175	eP	58 13.00	0.0	
WRA	26.62 164	Pc	59 01.30	-0.5	
	0.4s 3.40nm			4.3mb	
WB2	26.62 164	eP	59 00.70	-1.2	
		e	02 22.30		
WBN	31.71 180	eP	59 46.00	-1.0	
CTA	32.07 144	iPc	59 50.30	0.0	
	0.8s 7.84nm			4.6mb	
XAN	32.62 332	eP	59 54.00	-0.9	
CD2	33.03 322	eP	59 58.30	-0.2	
MEK	33.14 193	eP	59 59.00	-0.5	
BJI	35.42 346	eP	00 18.50	-0.3	
MRWA	36.27 196	eP	00 26.00	0.0	
LZH	36.77 328	Pc	00 31.50	1.2	
	1.0s 41.00nm			5.1mb	
BAL	37.41 194	iPc	00 36.00	0.4	
MUN	38.84 194	iPc	00 48.10	0.6	
NWAO	39.52 193	iPc	00 54.20	1.2	
GTA	41.37 328	iPd	01 09.20	0.8	
BRS	41.48 144	iPc	01 09.00	-0.3	
YOU	44.78 154	eP	01 36.20	0.4	
PKI	44.82 304	eP	01 36.30	-0.4	
KKN	45.00 304	eP	01 37.30	-0.7	
DMN	45.08 304	eP	01 38.60	-0.1	
	0.6s 11.00nm			4.7mb	
CAN	45.93 154	iPd	01 45.20	0.3	
WAM	46.62 155	iPc	01 51.30	1.0	
	S.D. = 0.7	on 23 of 23 obs.			

JUN 18, 1985 14h 06m 57.80± 0.75s
3.146 S ± 6.7km 102.948 E ± 8.1km
DEPTH = 197.1 ± 7.3 km
5.0mb (15 obs.)
SOUTHERN SUMATERA (274)

PPI	3.69 316	iPd	07 56.00	-0.2	
		iS	08 41.50		
KGM	5.14 4	iPd	08 15.90	1.3	
	0.7s 210.50nm			5.4mb	
KLM	6.34 348	ePd	08 31.40	1.2	
PSI	7.06 325	iPd	08 39.20	-0.4	
	0.7s 139.50nm			5.3mb	
IPM	7.91 346	ePd	08 51.60	0.6	
	1.0s 103.20nm			5.0mb	
		e	09 02.00		
TSI	7.92 326	ePd	08 51.00	-0.1	
BSI	11.48 318	iP	09 34.50	-2.7	
KHT	18.33 346	eP	10 58.60	-1.4	
LOE	20.46 357	eP	11 21.50	-0.1	
CHG	22.17 350	iPd	11 39.20	0.7	
	0.8s 29.85nm			4.9mb	
NAU	22.80 149	iPd	12 05.10	20.6X	
QIZ	23.06 17	P	11 50.30	3.3X	
MBL	24.30 139	eP	11 59.20	0.4	
MEK	27.71 149	eP	12 29.00	-0.8	
GBA	30.29 304	Pd	12 53.60	0.8	
	0.5s 25.30nm			5.2mb	
HYB	31.57 311	ePc	13 04.50	0.5	
	1.1s 52.60nm			5.1mb	
WBN	32.20 137	eP	13 09.00	-0.4	
WRA	34.88 121	Pd	13 32.20	-0.2	
	0.9s 18.00nm			4.7mb	
WB2	34.89 121	eP	13 30.30	-2.2	

		eS	18 42.00			
		eScP	19 27.60			
PKI	34.91	332 iPd	13 32.10	-0.8		
	0.4s	7.00nm		4.6mb		
DMN	35.08	332 iPd	13 33.70	-0.6		
	0.5s	14.00nm		4.9mb		
KKN	35 15	332 iPd	13 34.20	-0.6		
	0.5s	30.00nm		5.2mb		
ASPA	36 21	127 iPc	13 43.10	-0.4		
XAN	37 41	8 eP	13 53.00	-0.5		
NDI	40.15	324 iPd	14 15.60	-0.6		
	0.6s	63.33nm		5.3mb		
TIY	41.59	11 eP	14 29.00	1.0		
GTA	42.44	356 P	14 35.80	0.9		
HHC	44.49	9 P	14 52.20	0.9		
CTA	45.45	115 iPd	14 59.40	0.3		
	1.3s	36.54nm		4.7mb		
ADE	45.85	138 eP	15 04.20	2.1		
WMQ	48.72	345 iPc	15 24.50	0.2		
CN2	50.92	21 Pd	15 39.70	-1.2		
YOU	52.35	132 eP	15 51.40	-0.4		
CAN	53.27	133 eP	15 58.60	0.1		
BRS	53.30	122 eP	15 59.00	0.1		
WAM	53.57	134 eP	16 06.50	5.8X		
MTD	71.26	253 iPc	17 59.00	0.9		
BUL	74.22	250 iPc	18 16.90	1.5		
KJF	86.42	335 iP	19 19.00	0.2		
	0.6s	15.60nm		5.0mb		
SUF	86.75	333 iP	19 20.60	0.2		
	0.6s	4.00nm		4.4mb		
NUR	86.97	331 iP	19 21.50	0.1		
	0.5s	11.20nm		5.0mb		
KEV	88.09	340 eP	19 26.00	-0.7		
ZST	89.55	318 eP	19 34.30	0.3		
NB2	93.57	331 P	19 52.00	-0.3		
	0.5s	0.50nm		3.9mb X		
RLO	143.19	25 e(PKP)	26 07.00	-3.4X		
BHO	144.77	26 ePKP	26 12.50	-0.6		
JCT	145.33	36 iPKP	26 14.80	0.6		
	0.6s	12.67nm				
	S.D. = 1.0	on 43 of 47 obs.				
	JUN 18, 1985 17h 32m 09.54± 0.74s					
	17.462 N ±10.5km 101.185 W ± 6.4km					
	DEPTH = 33.0km (normal)					
	4.5mb (18 obs.)					
	NEAR COAST OF GUERRERO, MEXICO (58)					
PIM	1.05	321 iP	32 25.00	-2.9		
III	1.87	61 iP	32 41.50	1.5		
OXM	2.31	38 iP	32 48.00	1.6		
TPM	2.52	53 iP	32 52.00	2.7		
UNM	2.66	45 iP	32 56.00	4.7X		
TAC	2.70	44 iP	32 58.00	6.1X		
		iS	33 35.00			
TAC	2.70	44 iP	32 54.00	2.1		
		iS	33 36.00			
PIO	3.11	109 iP	32 55.90	-1.6		
		iS	33 38.00			
VHO	4.26	92 iP	33 14.00	0.1		
		i	34 19.00			
PBJ	5.62	100 iP	33 33.00	-0.1		
LTX	12.03	350 P	35 09.20	7.4X		
JCT	13.02	5 iP	35 23.80	8.9X		
	1.0s	16.00nm		5.0mb		
		i	35 34.80			
ALQ	18.03	346 eP	36 20.80	1.3		
	1.0s	10.75nm		3.9mb		
OCO	18.29	10 e(P)	36 22.60	0.1		
TUL	18.99	14 iPc	36 29.20	-1.8		
	0.9s	97.50nm		5.0mb		
	Z 19s	0.59um		3.8Msz		
		eS	40 14.00			
RLO	19.42	15 iPc	36 33.30	-2.7		
GLA	19.80	324 eP	36 40.00	-0.2		
BAR	20.61	320 eP	36 48.00	-0.6		
PLM	21.19	321 eP	36 56.00	1.2		
TPC	21.26	324 eP	36 56.00	0.7		
RVR	21.94	322 eP	37 03.00	0.9		
GOL	22.46	352 P	37 07.00	-0.5		
	0.9s	5.68nm		4.0mb		
GLD	22.48	352 eP	37 08.50	0.9		
	0.8s	30.59nm		4.8mb		
MWC	22.51	321 eP	37 09.00	1.1		
FVM	22.52	23 P	37 06.00	-1.8		
	1.1s	14.63nm		4.4mb		
PAS	22.53	321 eP	36 52.00	-15.9X		
GSC	22.56	325 eP	37 10.00	1.7		
SBB	22.70	322 eP	37 11.00	1.4		
RSCP	22.77	34 P	37 08.30	-2.0		
	1.0s	10.00nm		4.3mb		
PRM	23.62	42 P	37 17.10	-1.5		
ISA	23.76	323 eP	37 21.00	1.0		
EUR	25.43	333 iP	37 37.00	0.8		
	1.0s	7.69nm		4.3mb		
BDW	26.22	346 P	37 43 00	-0.5		
	1.0s	14.00nm		4.5mb		
JAS1	26.46	324 e(P)	37 45 50	0.0		
BMN	26.76	332 P	37 49.20	0.9		
	1.0s	7.50nm		4.3mb		
BLA	26.86	39 P	37 48.00	-1.1		
LRM	29.80	344 ePc	38 15.70	-0.2		
NEW	33.37	341 P	38 46.00	-0.9		
RSON	33.85	9 P	38 50.00	-1.0		
	1.0s	8.00nm		4.6mb		
EDM	36.93	348 ePc	39 16.30	-0.9		
FFC	37.20	359 ePd	39 17.70	+1.6		
	0.8s	5.00nm		4.4mb		
SCH	45.65	27 eP	40 27.00	-1.7		
INK	54.76	346 eP	41 37.50	-0.5		
SOB1	65.19	109 eP	42 49.60	-0.7		
DAG	71.38	14 iPc	43 26.70	+1.1		
	0.7s	5.48nm		4.7mb		
FLN	83.90	41 eP	44 38.50	1.1		
LDF	84.18	41 eP	44 39.90	1.1		
NB2	85.21	27 P	44 44.60	0.8		
	1.0s	2.40nm		4.4mb		
LFF	85.99	44 eP	44 48.70	0.7		
	1.0s	13.00nm		5.1mb		
EPF	86.39	46 eP	44 50.60	0.5		
	1.0s	6.80nm		4.8mb		
TCF	86.47	43 eP	44 50.60	0.2		
	1.0s	6.20nm		4.8mb		
MZF	86.74	42 eP	44 52.30	0.7		
SSF	87.01	41 eP	44 53.20	0.3		
LOR	87.15	41 eP	44 53.60	0.0		
LBF	87.34	41 eP	44 54.60	0.0		
	0.9s	3.70nm		4.6mb		
WB2	127.54	258 ePKP	51 21.20	7.5X		
WRA	127.55	258 PKP	51 22.00	8.3X		
	0.8s	2.30nm				
	S.D. = 1.3	on 50 of 57 obs.				
	• JUN 18, 1985 17h 48m 09.83± 2.04s					
	33.641 S ±11.7km 72.269 W ±18.3km					
	DEPTH = 33.0km (normal)					
	4.4mb (1 obs.)					
	OFF COAST OF CENTRAL CHILE (134)					
LNV	0.78	114 iPc	48 24.50	0.2		
ROCH	1.25	58 iP	48 31.20	-0.1		
CHCH	1.38	103 iP	48 33.20	0.2		
PEL	1.42	70 iPd	48 34.40	0.9		
PCH	1.46	90 iPc	48 34.30	0.0		
BACH	1.51	80 iPd	48 35.50	0.5		
JACH	1.70	56 iPc	48 38.50	0.8		
MDZ	2.96	76 eP	48 37.70	-18.0X		
		iS	49 01.90			
RTCV	3.61	62 ePd	49 09.40	4.5X		
		S	49 56.00			
RTCB	3.63	55 eP	49 10.40	5.2X		
		(S)	50 00.00			
RTLL	3.95	55 e(P)	49 14.00	4.3X		
CFA	3.96	60 ePd	49 15.30	5.5X		
TCA	6.88	73 ePc	49 49.00	-2.1		
		S	51 12.00			
CYA	7.59	49 e(P)	49 56.50	-4.5X		
VBA	9.44	121 eP	50 27.30	0.7		
SLA	10.67	35 ePd	50 49.00	5.4X		
ZOBO	17.70	13 ePc	52 17.00	1.0		
		LR	57 18.00			
VAO	24.61	71 e(P)	53 28.00	-0.4		
SOB1	37.73	57 eP	55 23.70	-0.7		
ITR	39.80	59 eP	55 40.80	-0.9		
	1.0s	8.00nm		4.4mb		
	S.D. = 0.9	on 13 of 20 obs.				
	JUN 18, 1985 18h 02m 14.74± 0.55s					
	3.402 S ± 7.2km 146.717 E ± 9.7km					
	DEPTH = 33.0km (normal)					
	5.1mb (5 obs.)					
	BISMARCK SEA (203)					
MOM	1.51	27 iPc	02 38.00	-1.8		
MDG	2.06	207 eP	02 46.00	-1.7		
WEW	3.09	267 e(P)	03 02.00	-0.3		
LAT	3.24	175 iPd	02 08.90	-55.6X		
RAB	5.50	98 eP	03 36.00	-0.5		
CTA	16.59	182 iPc	06 12.40	5.8X		
	0.9s	19.33nm		4.2mb		
		eS	09 13.00			
WB2	20.39	215 iPd	06 50.60	-1.1		
WRA	20.40	215 Pc	06 51.20	-0.6		
	0.7s	31.30nm		4.8mb		
KNA	21.51	234 iPc	07 02.10	-1.6		
ASPA	23.65	210 iPd	07 25.50	1.3		
		eS	11 47.60			
BRS	24.55	167 P	07 35.50	2.6		
WBN	29.74	219 eP	08 20.00	-0.5		
SNY	49.69	337 eP	11 07.30	1.8		
MDJ	50.20	344 eP	11 11.00	1.6		
CN2	50.73	340 eP	11 10.80	-2.7		
BJI	51.52	330 eP	11 18.00	-1.5		
XAN	51.52	319 eP	11 20.00	0.3		
CD2	53.29	313 eP	11 34.00	1.0		
HHC	54.50	328 eP	11 42.00	0.2		
BTO	55.16	326 eP	11 46.30	-0.3		
GTA	60.59	320 P	12 26.00	1.2		
PKI	66.53	302 eP	13 04.30	0.0		
	1.2s	27.00nm		5.2mb		
KKN	66.70	302 eP	13 05.40	0.1		
	0.9s	20.00nm		5.2mb		
DMN	66.80	302 eP	13 06.20	0.2		
	1.1s	45.00nm		5.5mb		
WMQ	70.66	319 Pc	13 29.50	0.2		
QUE	82.87	301 eP	14 39.50	1.4		
	S.D. = 1.3	on 24 of 26 obs.				
	• JUN 18, 1985 18h 12m 48.23± 2.21s					
	49.223 N ±11.3km 8.135 W ±20.0km					
	DEPTH = 10.0km (geophysicist)					
	NORTH ATLANTIC OCEAN (402)					
	ML 3.3 (LDG), 3.2 (HTL).					
CRO	2.14	63 ePn	13 24.30	-0.1		
		eSn	13 45.50			
HTL	2.94	52 ePn	13 35.70	-0.1		
VAL	3.03	335 eP	14 11.00	33.9X		
DCN	4.16	7 eP	13 53.50	0.4		
		eS	14 34.40			
DLE	4.19	13 eP	13 53.20	-0.3		
		eS	14 33.70			
LPF	4.85	102 Pn	14 03.40	0.4		
		Sn	14 50.50			
GRR	4.88	97 Pn	14 03.70	0.3		
		Sn	14 53.30			
FLN	5.06	92 Pn	14 07.10	1.2		
		Sn	14 58.60			
LDF	5.32	94 Pn	14 10.40	0.8		
		Sn	15 03.90			
LSF	7.16	111 Pn	14 35.80	0.3		
		Sn	15 47.10			
TCF	7.57	109 Pn	14 40.80	-0.4		
		Sn	15 56.10			
MZF	7.83	109 Pn	14 45.50	0.6		
		Sn	16 01.30			
BGF	7.85	106 Pn	14 45.00	-0.1		
		Sn	16 01.10			
AVF	8.08	103 Pn	14 46.80	-1.5		
CAF	8.18	118 Pn	14 50.30	0.5		
		Sn	16 10.10			
LOR	8.24	99 Pn	14 50.00	-0.6		
		Sn	16 12.50			
LBF	8.41	101 Pn	14 52.30	-0.7		
SMF	8.45	103 Pn	14 52.90	-0.6		
	S.D. = 0.7	on 17 of 18 obs.				
	& JUN 18, 1985 18h 58m 31.62s					
	61.451 N 151.754 W					
	DEPTH = 89.7km					
	SOUTHERN ALASKA (2)					
	<AGS-P>.					
CGLM	0.19	220 iP	58 44.21	1.0		
		iS	58 53.79			
CRP	0.27	227 iP	58 44.72	-0.5		
		eS	58 55.68			
SPU	0.31	208 iP	58 44.73	-0.6		
		iS	58 55.03			
SUA	0.49	88 iP	58 46.58	0.0		
		iS	58 57.61			

18d 18h

SKT	0.54	11	iP	58 46.30	-0.6
NKA	0.75	160	iP	58 50.10	1.3
PWA	0.92	77	iP	58 50.77	0.1
			iS	59 06.01	
RDT	0.94	200	iP	58 50.34	-0.6
PMS	1.08	100	iP	58 52.24	-0.3
			iS	59 08.38	
SLKM	1.21	141	eP	58 53.37	-0.7
PLRM	1.27	82	iP	58 53.01	-1.7
PME	1.32	81	eP	58 53.06	-2.3
ILM	1.38	203	iP	58 55.33	-0.9
MSE	1.39	72	eP	58 55.54	-0.9
GHO	1.39	75	iP	58 55.54	-0.9
NNL	1.43	171	eP	58 57.21	0.3
PTE	1.45	113	iP	58 55.85	-1.2
MPA	1.51	129	eP	58 57.23	-0.7
KNK	1.59	90	iP	58 57.60	-1.3
SML	1.67	76	iP	58 58.64	-1.4
BRLK	1.75	165	eP	58 59.96	-1.0
SEW	1.76	139	eP	59 00.93	-0.2
SVW	1.90	261	iP	59 01.97	-1.1
CFI	1.94	96	iP	59 01.72	-1.8
SCM	2.15	78	eP	59 04.86	-1.6
TTV	2.27	98	eP	59 06.24	-1.8
GLI	2.33	102	eP	59 06.20	-2.6
VZW	2.54	97	eP	59 09.12	-2.6
VLZ	2.64	95	eP	59 10.49	-2.4
FID	2.66	103	eP	59 09.85	-3.4
TOA	2.73	74	eP	59 13.41	-0.9
KLU	2.80	87	iP	59 12.65	-2.6
KMP	3.23	86	eP	59 18.31	-2.9

33 obs. associated

? JUN 18, 1985 21h 11m 35.85± 3.76s
50.526 N ± 9.9km 7.154 E ±32.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

PLH	0.52	336	iP	11 46.40	-0.1
			eS	11 53.10	
MEM	0.74	277	Pg	11 49.60	-0.7
			e	12 01.00	
WLF	1.08	217	Pbc	11 55.60	-0.5
			e	12 11.60	
DOU	1.70	256	Pnc	12 06.80	1.2
			Pg	12 08.30	
			Sb	12 26.80	

S.D. = 1.4 on 4 of 4 obs.

& JUN 18, 1985 21h 51m 38.80s
32.700 N 117.150 W
DEPTH = 9.0km
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 2.6 (PAS). Felt at San Diego.

CPE	0.18	13	iPc	51 43.10	0.3
			eS	51 45.80	
SLBC	0.32	342	eP	51 44.70	-0.6
			eS	51 49.50	
BAR	0.40	93	iPc	51 46.40	-0.6
CIS	1.27	304	eP	52 00.70	-1.7
			iSd	52 17.60	

4 obs. associated

• JUN 18, 1985 22h 03m 54.07± 0.73s
63.827 N ± 6.4km 149.162 W ±10.8km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)
ML 3.2 (PMR).

FBA	1.23	28	eP	04 15.20	0.2
TOA	2.20	140	eP	04 28.10	-1.0
PME	2.21	178	eP	04 30.30	1.2
PWA	2.21	189	eP	04 28.00	-1.1
PMR	2.24	180	eP	04 30.30	0.7
PMS	2.60	184	eP	04 35.20	0.5
IMA	2.96	322	eP	04 40.00	0.1
TTA	3.21	257	eP	04 50.20	6.8X
SVW	4.05	231	eP	04 54.80	-0.6

S.D. = 1.0 on 8 of 9 obs

• JUN 18, 1985 22h 56m 14.02± 1.14s
37.411 S ±16.0km 145.802 E ±10.3km
DEPTH = 10.0km (geophysicist)
NEAR S.E. COAST OF AUSTRALIA (603)
ML 3.2 (BFD).

TOO	0	30	237 eP	56 20.00	-0.2
			eS	56 24.00	
BFD	2.61	274	iPd	56 57.30	0.4
			eS	57 36.00	
WAM	2.76	65	eP	57 00.20	1.2
			e	57 06.50	
			eS	57 39.50	
CAN	3.32	52	eP	57 05.00	-2.1
			eS	57 53.70	
YOU	3.76	35	eP	57 14.40	1.0
STK	6.52	327	eP	57 52.00	-0.3
			eS	59 04.00	

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

? JUN 18, 1985 23h 01m 51.11±11.42s
30.591 S ±64.8km 69.587 W ±72.6km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

RTCB	1.12	143	eP	02 10.30	-0.3
			S	02 43.50	
RTLL	1.21	128	ePc	02 13.00	1.2
			S	02 51.80	
RTCV	1.55	145	ePd	02 15.80	-1.0
			S	02 56.20	
MDZ	2.37	165	eP	02 29.00	0.4
TCA	4.36	101	ePc	02 56.50	-0.3
			S	04 06.80	

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

• JUN 19, 1985 00h 23m 14.54± 1.67s
21.464 S ±11.0km 170.396 E ±10.9km
DEPTH = 115.4 ± 14.7 km
4.4mb (2 obs.)
LOYALTY ISLANDS REGION (189)

NOU	3.76	256	iPd	24 09 60	-2.1
			iS	24 48.50	
PVC	4.19	332	iP	23 58.50	-19.1X
			S	24 18.50	
KOU	5.78	278	iPc	24 39.30	0.0
			iS	25 29.60	
SGE	8.08	63	eP	25 14.80	4.0X
CRZ	13.08	172	P	26 19.00	2.1
AFI	18.56	69	P	27 25.00	-0.3
PAA	20.86	314	eP	27 50.00	0.8
BGA	21.18	314	eP	27 54.00	1.6
CTA	22.61	269	iPd	28 07.80	1.5
	1.1s		22.15nm		4.4mb
YOU	23.21	232	eP	28 13.60	1.5
CAN	23.28	229	eP	28 14.20	1.5
WAM	23.81	227	eP	28 23.00	5.2X
WB2	33.71	266	eP	29 45 00	-1.8
WRA	33.72	266	P	29 46.00	-0.9
	0.9s		5.30nm		4.3mb
WBN	40.22	255	eP	30 41.00	-0.5
SBA	56.47	181	e(P)	32 43.90	-2.2
MAT	65.21	332	eP	33 46.00	0.4
SPA	68.67	180	e(P)	34 06.60	-0.7
GDH	125.38	18	iPKPc	42 18.00	15.5X
	0.8s		22.39nm		
			i	42 36.00	
KSP	144.35	332	ePKP	42 37.80	-0.6
EDU	144.62	354	ePKPc	42 37.00	-1.6
EBH	144.97	354	ePKP	42 38.40	-0.8
EAU	145.36	354	iPKPc	42 40.00	0.1
CLL	145.38	335	iPKP	42 40.30	0.2
	1.0s		27.00nm		
EBL	145.39	353	ePKPc	42 40.00	0.0
PRU	145.74	332	ePKP	42 20.50	-20.2X
			e	42 42.00	
ZST	145.80	328	iPKP	42 42.70	1.8X
EKA	145.84	353	PKPd	42 41.40	0.7
	1.1s		7.20nm		
MOX	146.45	335	ePKP	42 43.00	1.1
KHC	146.80	332	ePKP	42 28.30	-14.2X
			i	42 45.50	
			e	43 11.00	
SKO	146.88	315	e(PKP)	42 45 20	2.3X
GRF	147.36	335	ePKP	42 46 50	3.1X
KBA	148.41	329	iPKP	42 48.10	2.7X
	1.0s		7.00nm		
			i	43 28 80	
MEM	148.43	341	PKP	42 49 00	4.0X
LJU	148.55	327	ePKP	42 49 40	4.0X
			e	43 30.00	
VOY	148.88	327	ePKP	42 49 80	3.8X

WLF	149.21	340	PKP	42 51.60	5.4X
DOU	149.30	342	PKPc	42 51.40	5.0X
	0.7s		13.30nm		
CDF	149.90	337	ePKP	42 52.80	5.3X
SLE	149.98	335	ePKP	42 52.60	5.0X
OSS	150.16	332	ePKP	42 53.70	5.6X
LLS	150.50	334	ePKP	42 54.20	5.6X
BSF	150.56	337	ePKP	42 54.40	5.9X
	0.8s		10.90nm		
HAU	150.57	338	ePKP	42 54.40	6.0X
	0.8s		7.70nm		
MMK	151.58	334	ePKP	42 57.60	7.3X
LOR	152.05	340	ePKP	42 58.00	7.4X
LBF	152.26	340	ePKP	42 59.20	8.2X
SSF	152.34	340	ePKP	42 58.50	7.5X
LPG	152.53	335	ePKP	42 59.60	7.9X

S.D. = 1.3 on 23 of 49 obs.

JUN 19, 1985 01h 45m 28.20± 0.50s
39.053 N ± 5.1km 25.910 E ± 3.9km
DEPTH = 18.5 ± 3.8 km
3.5mb (1 obs.)
AEGEAN SEA (365)
ML 3.5 (ATH).

PRK	0.34	55	ePgc	45 35.70	0.2
			iSg	45 42.00	
EZN	0.84	22	iPg	45 44.20	0.3
			iSg	45 56.20	
IZM	1.24	121	iPg	45 50.90	0.2
			iSg	46 05.90	
KGT	1.76	37	iPn	45 50.80	-7.2X
EDC	1.99	49	iPn	46 01.60	0.3
MFT	2.03	31	ePn	46 02.20	0.2
ATH	2.03	239	ePn	46 02.00	0.1
			eSn	46 30.00	
DST	2.18	74	iPn	46 04.50	0.3
KCT	2.23	57	iPn	46 04.70	-0.2
KDZ	2.62	351	iPd	46 10.00	-0.4
YER	2.68	135	iPn	46 10.70	-0.6
CTT	2.85	42	iPn	46 13.70	0.1
DIM	3.00	355	eP	46 14.00	-1.7
MMB	3.03	327	iPd	46 16.00	-0.2
ISK	3.14	49	iPn	46 16.70	-1.1
PLD	3.18	344	eP	46 19.00	0.7
HRT	3.39	57	ePn	46 23.20	1.9X
VAY	3.42	313	iPn	46 23.00	1.4
KZN	3.43	293	ePb	46 21.50	-0.4
GPA	3.61	69	iPn	46 25.10	0.6
VTS	4.10	331	iP	46 32.00	0.8
			iSg	47 16.00	
PVL	4.13	352	eP	46 33.00	1.3
OHR	4.43	299	ePn	46 39.30	3.2X
SKO	4.48	312	ePn	46 37.40	0.6
GZR	6.75	341	ePc	47 07.00	-1.8
NB2	23.84	342	P	50 40.00	-0.8
	0.7s		1.10nm		3.5mb
EKA	25.34	320	Pc	50 54.60	-0.6

S.D. = 0.9 on 24 of 27 obs.

JUN 19, 1985 02h 08m 50.14± 0.61s
39.097 N ± 5.9km 26.008 E ± 6.0km
DEPTH = 21.0 ± 6.1 km
TURKEY (366)

PRK	0.25	54	ePgc	08 56.50	0.3
			iSg	09 03.00	
EZN	0.77	19	iPg	09 05.10	0.4
			iSg	09 18.20	
IZM	1.20	125	iPn	09 10.90	-0.9
KGT	1.68	36	iPn	09 11.70	-6.9X
EDC	1.90	48	iPn	09 22.10	0.3
MFT	1.95	30	iPn	09 24.70	2.1
DST	2.09	75	iPn	09 25.30	0.6
ATH	2.12	239	ePb	09 25.50	0.5
KCT	2.15	57	ePn	09 25.20	-0.2
KDZ	2.59	349	iP	09 31.00	-0.7
			iS	10 00.00	
YER	2.66	137	ePn	09 36.70	4.0X
CTT	2.76	41	ePn	09 34.20	0.1
MMB	3.04	326	iPc	09 37.00	-1.0
			iS	10 10.00	
ISK	3.06	49	ePn	09 46.00	7.8X
PLD	3.16	342	eP	09 41.00	1.2
HRT	3.30	57	ePn	09 49.00	7.2X
VAY	3.44	311	ePn	09 46.00	2.3X
GPA	3.53	69	ePn	09 52.00	7.0X

NPS 3.84 185 ePn 09 50.00 0.6
VTS 4.10 330 eP 09 52 00 -1.0
S D. = 1.0 on 14 of 20 obs.

JUN 19, 1985 02h 46m 59.89± 0.58s
6 939 S ± 8.1km 143.430 E ± 7.0km
DEPTH = 33.0km (normal)
3.7mb (1 obs)
PAPUA NEW GUINEA (202)

MDG 2.88 54 eP 47 44.00 -0.4
WEW 3.37 3 eP 47 52.00 0.5
LAT 3.56 86 eP 47 54.50 0.4
PMG 4.43 124 eP 48 06.00 -0.5
CTA 13.35 168 eP 50 32.00 22.3X
MTN 13.46 243 eP 50 10.00 -1.1
WB2 15.64 213 eP 50 39.20 -0.5
eS 51 26.70
WRA 15.65 213 P 50 43.00 3.3X
1.1s 6.50nm 3.7mb
KNA 16.82 237 eP 50 55.00 0.4
ASPA 18.99 208 eP 51 23.00 1.6
CHG 50.77 301 eP 55 59.00 -0.3
S.D. = 0.9 on 9 of 11 obs.

JUN 19, 1985 03h 09m 51.65± 0.76s
18.238 N ±11.1km 102.523 W ± 7.8km
DEPTH = 33.0km (normal)
4.4mb (20 obs.)
MICHOACAN, MEXICO (57)

PIM 0.61 86 iP 10 03.00 -0.8
OXM 2.88 68 iP 10 38.00 1.4
III 2.91 87 iP 10 37.00 0.2
iS 11 16.00
TPM 3.36 77 iP 10 45.00 1.6
PIO 4.58 113 iP 10 59.00 -1.4
i 11 58.00
VHO 5.61 99 iP 11 16.00 0.9
iS 12 25.00
PBJ 7.03 104 iP 11 35.00 0.1
LTX 11.10 355 P 12 33.80 2.6
ALQ 17.00 349 eP 13 51.00 2.2
1.0s 7.50nm 3.8mb
BHO 17.47 22 eP 13 54.70 0.3
GLA 18.43 326 eP 14 14.00 7.6X
TUL 18.58 17 ePd 14 07.40 -0.8
Z 18s 0.89um
eS 17 54.00
RLO 19 05 19 eP 14 12.50 -1.3
PLM 19.80 322 eP 14 20.00 -2.4
TPC 19.89 325 eP 14 27.00 3.7X
RMU 20.18 340 eP 14 25.60 -0.9
0 6s 2.90nm 3.8mb
MWC 21.11 322 eP 14 37.00 0.9
GSC 21.20 326 eP 14 37.00 0.1
SBB 21.31 323 eP 14 40.00 2.1
GOL 21.53 354 P 14 41.00 0.7
1.0s 9.00nm 4.1mb
GLD 21.56 354 eP 14 41.70 1.1
1.0s 22.00nm 4.5mb
CLC 22.02 326 eP 14 46.00 1.0
FVM 22.34 26 P 14 47.00 -1.1
0.8s 9.85nm 4.3mb
ISA 22.38 324 eP 14 51.00 2.4
RSCP 22.90 38 P 14 51.30 -2.4
1.0s 12.00nm 4.3mb
JAS1 25.10 325 P 15 15.20 0.3
1.0s 5.00nm 4.1mb
BDW 25.18 348 P 15 15.00 -0.9
1.1s 6.59nm 4.1mb
BMN 25.49 333 P 15 19.10 0.4
0.9s 1.95nm 3.7mb
RSSD 25.84 357 P 15 21.70 -0.3
0.9s 3.36nm 3.9mb
LRM 28.72 345 eP 15 47.60 -0.7
NEW 32.22 342 P 16 18.00 -1.0
RSON 33.30 10 P 16 25.00 -3.3X
1.0s 15.00nm 4.9mb
FFC 36.42 1 eP 16 53.00 -1.9
0.9s 12.00nm 4.8mb
YKC 44.98 352 eP 18 03.00 -2.3
0.6s 8.00nm 4.8mb
YKA 45.01 352 eP 18 04.20 -1.4
LPB 48.40 134 eP 18 29.00 -4.3X
FRB 51.01 19 eP 18 52.00 -0.2
INK 53.71 346 eP 19 11.00 -1.3

MBC 58.69 355 ePc 19 46.10 -1.8
0.8s 9.00nm 4.9mb
ALE 66.17 5 eP 20 35.00 -2.6
0.8s 4.00nm 4 6mb
SOB1 66.65 109 eP 20 40.90 -0.8
EKA 80.39 35 P 22 01 00 -0.2
0.9s 5.20nm 4.5mb
GRR 84.04 41 eP 22 20.90 0.7
LPF 84.05 41 eP 22 20.80 0.5
0.9s 6 00nm 4.8mb
FLN 84.14 41 eP 22 21 30 0.6
1.0s 8.00nm 4.8mb
LDF 84.43 41 eP 22 22.80 0.6
NB2 85.09 27 P 22 25.20 -0.1
1.0s 3.00nm 4.4mb
MFF 85.13 43 eP 22 26.40 0.7
LFF 86.32 44 eP 22 32.10 0.4
LSF 86.34 42 eP 22 31.80 0.0
RJF 86.69 43 eP 22 33.70 0.2
TCF 86.76 42 eP 22 34.80 0.9
0.9s 3.00nm 4.5mb
EPF 86.77 46 eP 22 34.40 0.4
MZF 87.03 42 eP 22 35.30 0.1
SSF 87.27 41 eP 22 37.30 1.0
LOR 87.41 41 eP 22 38.20 1.2
LBF 87.60 41 eP 22 38.80 0.9
S.D. = 1.3 on 53 of 57 obs.

JUN 19, 1985 03h 19m 41.19± 0.87s
40.336 N ± 8.6km 25.969 E ± 8.6km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN 0.58 152 iPg 19 52.20 -0.7
iSg 20 00.20
MFT 1.10 65 iPn 20 02.70 0.9
KDZ 1.39 340 iPc 20 04.00 -2.5
iSg 20 22.00
EDC 1.45 89 iPn 20 08.10 0.7
DIM 1.73 350 iPd 20 13.00 1.5
Sg 20 37.00
PLD 2.01 332 eP 20 18.00 2.5X
CTT 2.04 66 ePn 20 14.60 -1.3
DST 2.17 109 iPn 20 18.70 0.8
IZM 2.18 152 iPn 20 17.90 -0.1
ISK 2.46 72 ePn 20 10.00 -12.0X
VAY 2.76 292 iPn 20 27.40 1.1
HRT 2.86 79 ePn 20 34.00 6.3X
PVL 2.87 348 iPd 20 34.00 6.2X
VTS 3.07 318 iP 20 36.00 5.4X
GPA 3.32 89 ePn 20 34.00 -0.2
S.D. = 1.4 on 10 of 15 obs.

? JUN 19, 1985 03h 22m 47.06± 4.33s
59.395 N ±24.8km 6.668 E ±31.7km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.0 (BER).

ODD 0.56 360 iPg 22 57.50 -0.9
eSg 23 05.50
KMY 0.75 257 iPn 23 01.60 -0.1
iPg 23 03.50
eSg 23 16.90
ASK 1.32 326 iPn 23 11.50 0.1
eSn 23 29.60
HYA 1.79 353 iPn 23 19.20 1.0
eSn 23 43.00
SUE 1.92 331 ePn 23 20.00 -0.1
eSn 23 45.00
S.D. = 1.0 on 5 of 5 obs.

• JUN 19, 1985 03h 29m 52.69± 3.57s
24.542 N ± 7.1km 121.981 E ±39.0km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWC 0.14 299 iPd 29 56.00 0.1
eS 30 01.00
TWD 0.58 217 iPc 30 04.50 0.1
eS 30 16.50
TATO 0.62 314 iP 30 05.00 -0.2
iS 30 15.00
ANP 0.77 327 eP 30 07.80 0.1
TWF1 1.34 208 iPc 30 17.30 -0.1
TWG 1.91 206 ePc 30 25.50 0.0
S.D. = 0.2 on 6 of 6 obs.

? JUN 19, 1985 03h 45m 57.14± 7.30s
31.230 S ±47.2km 69.031 W ±52.3km
DEPTH = 135.2 ± 36.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 0.32 142 iPd 46 16.80 0.2
S 46 28.20
RTLL 0.49 102 iPd 46 16.80 -0.3
S 46 29.00
RTCV 0.76 146 iPd 46 18.80 0.0
S 46 32.00
CFA 0.77 119 iPc 46 19.00 0.1
S 46 32.10
RFA 3.56 172 ePc 46 52.00 0.0
TCA 3.80 93 iPd 46 55.30 0.0
S 47 36.20
S.D. = 0.2 on 6 of 6 obs.

• JUN 19, 1985 06h 56m 22.81± 1.50s
49.038 N ±16.5km 6.759 E ±11.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
mbLg 2.6 (DOU).

WLF 0.74 328 iPg 56 36.50 -0.8
e 56 47.00
BUH 1.04 110 ePn 56 42.50 0.1
TNS 1.62 42 ePn 56 51.00 -0.5
eSn 57 11.00
MEM 1.65 343 Pn 56 52.20 0.4
DOU 1.76 308 Pn 56 53.40 -0.1
Pg 56 55.80
Lg 57 14.60
ENN 1.81 343 iPgd 56 55.30 1.0
0.5s 28.00nm
i 57 03.10
e 57 14.00
S.D. = 0.8 on 6 of 6 obs.

? JUN 19, 1985 08h 38m 48.57± 3.76s
31.239 S ±28.5km 68.301 W ±24.3km
DEPTH = 99.9 ± 31.4 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.17 238 iPd 39 03.00 -0.2
CFA 0.37 172 iPd 39 04.00 0.2
S 39 14.80
RTCB 0.49 240 iPd 39 04.80 0.2
S 39 16.40
RTCV 0.65 198 iPd 39 05.60 -0.2
S 39 18.30
MDZ 1.70 196 iP 39 17.90 0.0
TCA 3.18 93 e(P) 39 37.60 0.0
S 40 13.50
S.D. = 0.3 on 6 of 6 obs.

• JUN 19, 1985 11h 18m 26.97± 1.03s
37.053 N ± 9.7km 140.854 E ±13.4km
DEPTH = 37.0 ± 9.2 km
3.7mb (2 obs.)
HONSHU, JAPAN (227)
Felt (II JMA) at Onohama and (I JMA) at Fukushima.

ONA 0.12 159 P 18 33.70 0.4
iS 18 40.10
FKS 0.76 337 iPd 18 40.70 -0.6
iS 18 52.00
TSK 1.03 216 iPd 18 44.50 -0.6
DDR 1.70 232 eP 18 54.40 -0.5
S 19 16.40
SRY 1.93 222 eP 18 57.40 -0.5
MAT 2.18 257 iPd 19 03.00 1.4
iS 19 33.60
WB2 57.02 187 eP 28 12.20 0.7
WRA 57.02 187 Pc 28 11.20 -0.3
0.3s 0.20nm 3.6mb
NB2 74.00 337 P 29 54.40 -5.8X
0.5s 0.60nm 3.8mb
S.D. = 1.0 on 8 of 9 obs.

& JUN 19, 1985 11h 20m 39.30s
32.710 N 117.120 W
DEPTH = 10.0km
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 2.6 (PAS). Felt at San Diego.

19d 11h

CPE	0.17	6	iPc	20	43.40	0.2
SLBC	0.32	337	eP	20	45.70	-0.2
			eS	20	50.60	
BAR	0.38	94	iPc	20	46.70	-0.4
			eSc	20	52.20	
CBX	0.55	136	iPd	20	49.50	-1.0
			S	20	57.40	
IKP	0.86	94	iPd	20	55.20	-0.6
			iSc	21	06.60	
ENX	0.91	155	iPd	20	56.60	-0.1
			S	21	07.60	
CIS	1.28	303	ePc	21	00.80	-2.3
			eSd	21	17.80	
SDW	1.89	1	eP	21	11.50	-0.6
	8 obs. associated					

& JUN 19, 1985 11h 37m 37.80s
32.700 N 117.130 W
DEPTH = 10.0km
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 2.5 (PAS). Felt (III) at San Diego.

CPE	0.18	8	iPc	37	41.90	0.0
SLBC	0.32	339	eP	37	44.00	-0.5
			eS	37	48.90	
BAR	0.39	93	iPc	37	45.30	-0.4
			iSc	37	50.60	
CBX	0.55	134	iPd	37	48.00	-1.0
			S	37	55.80	
IKP	0.86	93	iPd	37	53.70	-0.8
ENX	0.90	154	iPd	37	54.60	-0.5
			S	38	06.90	
CIS	1.28	304	ePc	37	59.30	-2.3
			eS	38	16.30	
SDW	1.90	1	eP	38	11.00	0.3
	8 obs. associated					

JUN 19, 1985 12h 44m 10.60± 0.23s
16.135 S ± 8.0km 173.229 W ± 6.0km
DEPTH = 33.0km (normal)
4.8mb (18 obs.) 4.6Msz (1 obs.)
TONGA ISLANDS (173)

AFI	2.62	33	P	44	46.00	-5.6X
			S	45	13.00	
SGE	8.59	259	eP	46	24.00	8.1X
NDF	9.07	258	eP	46	31.00	8.8X
NOU	20.14	249	iPd	48	50.00	5.2X
KOU	21.79	255	iPc	49	01.00	-0.7
GNZ	23.70	197	e(P)	49	11.90	-8.4X
KRP	23.86	202	P	49	23.80	1.9
PMO	24.42	91	iP	49	26.60	-0.9
	1.0s	50.00nm			5.0mb	
VAH	24.66	91	iP	49	28.50	-1.2
	1.0s	30.00nm			4.8mb	
TPT	24.69	91	iP	49	29.00	-1.1
	1.0s	55.00nm			5.1mb	
RUV	24.90	91	iP	49	30.60	-1.5
	1.0s	70.00nm			5.2mb	
MNG	26.29	200	P	49	45.10	0.2
CTA	38.64	258	eP	51	34.00	1.0
			eS	57	51.00	
CAN	38.72	233	eP	51	33.00	-0.5
WAM	39.11	232	eP	51	36.40	-0.3
CMS	40.20	240	iPd	51	44.90	-0.9
STK	43.82	241	iPd	52	15.20	-0.2
WB2	49.83	257	eP	53	01.20	-1.6
			e	53	34.70	
WRA	49.84	257	Pc	53	02.60	-0.3
	0.8s	12.80nm			5.0mb	
ASPA	50.05	252	iPc	53	03.00	-1.5
	0.9s	20.00nm			5.1mb	
KNA	55.61	262	iPd	53	54.10	8.2X
WBN	56.60	249	iPc	53	51.70	-1.3
	0.6s	15.00nm			5.2mb	
DRV	58.96	200	eP	54	09.00	0.1
SBA	62.54	185	eP	54	34.40	1.4
MBL	63.22	254	iPd	54	37.40	-1.0
	0.4s	5.00nm			5.0mb	
MEK	63.75	248	eP	54	40.00	-1.9
KLB	64.04	242	eP	54	42.00	-1.7
BAL	65.01	243	iPd	54	49.20	-0.8
MUN	65.33	242	iPd	54	51.80	-0.3
MRWA	65.75	245	eP	54	54.00	-0.7
NAU	67.01	252	iPd	55	03.10	0.2
PRS	71.55	42	e(P)	55	30.70	0.2
PCC	71.63	41	e(P)	55	31.50	0.6
PRI	71.90	43	e(P)	55	32.00	-0.7
BRK	71.93	40	e(P)	55	32.70	0.0
JAS1	73.12	41	eP	55	39.60	-0.2
ORV	73.44	39	eP	55	40.90	-0.7
WDC	73.45	38	eP	55	41.60	0.0
MIN	73.86	39	eP	55	44.50	0.3
SPA	73.97	180	eP	55	47.20	2.7
	1.0s	8.50nm			4.7mb	
MNA	74.86	42	eP	55	50.00	0.0
BMN	76.60	41	P	55	59.20	-0.7
	0.9s	1.37nm			4.0mb	
EUR	76.86	42	iP	56	01.50	0.1
	1.1s	4.04nm			4.4mb	
RMU	78.93	46	eP	56	13.20	0.4
	0.7s	1.30nm			4.0mb	
PNT	80.54	32	eP	56	21.00	0.0
	0.8s	6.00nm			4.6mb	
LTX	80.88	56	P	56	23.80	0.4
	1.0s	2.20nm			4.1mb	
ALQ	81.14	50	eP	56	24.70	0.0
	1.0s	6.25nm			4.6mb	
	Z 20s	0.27um			4.6Msz	
CN2	81.75	320	Pd	56	27.70	0.3
BDW	82.70	42	P	56	33.00	0.3
	1.0s	7.00nm			4.7mb	
GOL	84.04	46	P	56	40.20	0.5
	0.9s	3.79nm			4.6mb	
GLD	84.17	46	P	56	41.00	0.8
	1.0s	12.00nm			5.0mb	
SES	85.71	35	eP	56	47.00	-0.4
EDM	86.02	31	ePc	56	49.50	0.6
BJI	86.09	313	eP	56	50.00	0.5
PPI	86.39	271	eP	56	53.50	1.9
MAW	87.15	199	eP	56	56.00	1.7
GYA	88.53	298	P	57	03.60	1.8
INK	88.93	14	eP	56	57.00	-5.6X
XAN	89.19	306	eP	57	05.60	0.9
CHG	93.10	289	iPc	57	24.60	1.7
KRA	144.52	345	ePKP	03	43.50	-1.7
KSP	144.54	350	ePKP	03	44.50	-0.7
SPC	145.25	344	ePKP	03	47.30	0.6
ENN	145.45	1	ePKP	03	47.00	0.3
MEM	145.61	1	PKP	03	47.80	0.8
PRU	145.65	351	PKPc	03	47.50	0.3
	1.4s	22.00nm				
JOS	145.81	344	ePKPc	03	48.20	0.7
	1.0s	29.20nm				
DOU	146.08	3	PKP	03	49.60	1.8X
WLF	146.55	1	PKP	03	51.90	3.3X
KHC	146.63	352	ePKP	03	31.00	-17.8X
			i	03	51.60	
			i	04	03.70	
FLN	146.92	9	ePKP	03	51.00	1.8X
	1.0s	8.00nm				
LDF	147.14	8	ePKP	03	53.20	3.6X
	1.2s	11.80nm				
GRR	147.23	9	ePKP	03	52.10	2.4X
LPF	147.55	10	ePKP	03	52.70	2.5X
	1.0s	7.40nm				
CDF	147.81	359	ePKP	03	53.70	2.9X
	1.0s	10.00nm				
HAU	148.22	1	ePKP	03	54.70	3.3X
	0.8s	5.10nm				
BSF	148.39	360	ePKP	03	55.30	3.5X
	1.0s	7.40nm				
KBA	148.67	351	iPKP	03	54.80	2.4X
			i	04	10.70	
GRC	148.78	5	iPKPc	03	56.70	4.4X
LOR	148.86	4	ePKP	03	56.50	4.1X
	1.0s	5.00nm				
SSF	149.04	4	ePKP	03	57.00	4.3X
	1.2s	14.90nm				
LBF	149.15	4	ePKP	03	57.30	4.4X
	1.2s	7.40nm				
AVF	149.30	5	ePKP	03	57.30	4.2X
	1.0s	4.10nm				
OSS	149.41	355	ePKPd	03	58.70	5.2X
LJU	149.48	349	ePKP	03	58.00	4.6X
SMF	149.48	4	ePKP	03	57.90	4.5X
BGF	149.49	5	ePKP	03	57.80	4.4X
	0.8s	6.40nm				
TCF	149.70	6	ePKP	03	58.60	4.8X
	1.2s	8.90nm				
MZF	149.81	6	ePKP	03	58.90	5.0X
	1.2s	11.00nm				
TMA	150.07	357	ePKPd	04	00.10	5.6X
DIX	150.14	359	ePKPd	04	01.40	6.6X
LPG	150.73	0	ePKP	04	02.30	6.6X
	1.2s	13.70nm				
	S.D. = 1.0 on 60 of 92 obs.					

& JUN 19, 1985 12h 52m 40.89s
59.262 N 145.718 W
DEPTH = 24.6km
GULF OF ALASKA (15)
<AGS-P>.

MID	0.36	298	eP	52	49.18	0.4
KAIM	0.94	44	eP	52	57.57	-0.8
			eS	53	10.86	
MTG	1.12	307	eP	53	00.10	-0.8
			eS	53	15.50	
HIN	1.21	341	iP	53	02.11	-0.2
			iS	53	19.75	
RAGM	1.25	25	eP	53	03.26	0.4
SGAM	1.27	11	iP	53	03.11	0.0
SUK	1.28	50	eP	53	02.52	-0.7
			iS	53	17.91	
CVA	1.29	359	iP	53	03.24	-0.1
HMT	1.31	34	iP	53	03.50	-0.2
CSG	1.47	17	eP	53	06.61	0.6
FID	1.54	346	eP	53	06.68	-0.4
SNH	1.73	57	eP	53	08.48	-1.3
GLI	1.76	338	iP	53	10.00	-0.3
BMRM	1.79	18	iP	53	10.63	-0.2
VZW	1.85	347	eP	53	11.08	-0.5
WAX	1.87	49	iP	53	10.72	-1.2
VLZ	1.90	351	eP	53	12.08	-0.1
			eS	53	38.44	
TSIM	1.98	5	eP	53	13.01	-0.5
CFI	2.18	333	eP	53	15.55	-0.7
KLU	2.24	358	iP	53	16.74	-0.5
			iS	53	44.38	
KMP	2.29	8	iP	53	17.45	-0.4
YAH	2.29	59	eP	53	16.14	-1.9
PTE	2.31	316	eP	53	17.01	-1.0
GLB	2.38	23	iP	53	18.67	-0.5
			eS	53	45.45	
BALM	2.45	42	iP	53	19.10	-1.2
SLKM	2.59	301	eP	53	20.99	-1.2
SCM	2.70	344	eP	53	23.38	-0.3
CTGM	2.78	50	eP	53	23.73	-1.2
			eS	53	56.27	
TOA	2.86	356	eP	53	26.23	0.3
SML	2.86	334	eP	53	25.79	-0.2
GHO	2.98	329	eP	53	28.58	1.0
	31 obs. associated					

* JUN 19, 1985 13h 00m 23.71± 1.40s
39.939 N ± 6.5km 122.706 W ±13.8km
DEPTH = 5.0km (geophysicist)
NORTHERN CALIFORNIA (36)
ML 2.6 (BRK).

GAS	0.28	181	iPd	00	29.60	0.1
WDC	0.65	11	iPd	00	36.70	-0.1
			iS	00	46.50	
MIN	0.94	64	eP	00	41.40	-0.8
			eS	00	53.60	
ORV	1.01	112	eP	00	41.80	-1.4
			eS	00	55.20	
LMHM	1.82	26	eP	00	56.00	-0.2
WCN	2.36	104	eP	01	05.00	1.0
JAS1	2.69	138	iPd	01	07.70	-0.7
			eS	01	44.40	
EUR	5.22	93	iP	01	46.50	2.0
	S.D. = 1.3 on 8 of 8 obs.					

? JUN 19, 1985 13h 02m 49.07± 4.25s
59.404 N ±23.5km 6.626 E ±31.6km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.4 (BER).

ODD	0.55	2	iPg	02	59.50	-0.7
			iSg	03	09.50	
KMY	0.73	255	iPn	03	03.20	-0.2
			eSn	03	18.70	
ASK	1.30	327	iPg	03	13.30	0.2
			iSg	03	34.40	
HYA	1.78	353	iPn	03	20.50	0.4
			eSn	03	46.00	
SUE	1.90	332	iPn	03	21.50	-0.3

		eSn	03	48.00	
S.D. = 0.6	on	5 of	5 obs.		
? JUN 19, 1985 14h 29m 15.41± 9.93s					
33.549 S ±11.3km		72.510 W ±84.5km			
DEPTH = 33.0km	(normal)				
OFF COAST OF CENTRAL CHILE				(134)	
LNV	1.00	114	iPc	29	33.00	-0.1
ROCH	1.38	66	iPd	29	38.20	-0.6
PEL	1.58	76	iPc	29	41.20	-0.3
CHCH	1.59	104	iPd	29	41.60	-0.1
BACH	1.70	84	iPc	29	43.50	0.3
JACH	1.83	62	iPd	29	44.50	-0.6
MDZ	3.14	79	iP	30	08.90	5.1X
			iS	30	52.60	
RFA	3.57	111	ePc	30	11.20	1.3
			S	31	05.50	
RTCV	3.75	64	ePd	30	19.30	6.9X
RTCB	3.75	58	eP	30	14.20	1.8
RTLL	4.07	58	eP	30	21.50	4.5X
CFA	4.09	63	e(P)	30	16.50	-0.8
TCA	7.05	74	e(P)	30	55.90	-3.1X
			S	32	22.00	
CYA	7.69	150	e(P)	31	04.00	-3.9X
VBA	9.66	121	ePd	31	34.40	-0.8
SLA	10.71	37	e(P)	31	57.00	7.2X
S.D. = 1.0	on	10 of	16 obs.		
• JUN 19, 1985 14h 48m 01.58± 0.67s					
70.493 N ±13.4km		15.360 W ±10.7km			
DEPTH = 10.0km	(geophysicist)				
4.3mb (5 obs.)					
JAN MAYEN ISLAND REGION				(639)	
AKU	4.94	193	eP	49	13.00	-4.5X
1.0s	140.00nm				
		iS	50	08.80	
DAG	6.38	353	eP	49	35.00	-2.8X
		i	50	45.00	
REY	6.86	205	eP	49	43.30	-1.3X
KEV	14.22	73	eP	51	32.00	7.4X
		eS	54	24.00	
SOD	15.18	81	eP	51	33.00	-4.2X
ALE	15.46	339	eP	51	36.00	-4.8X
0.8s	5.00nm			3.9mb	
EKA	16.14	154	P	51	51.00	1.3
UPP	17.19	112	eP	52	04.00	1.1
KJF	17.39	90	eP	52	07.00	1.6
SUF	17.85	95	iP	52	11.50	0.4
1.0s	19.30nm			4.2mb	
NUR	18.95	102	eP	52	22.00	-2.6
Z 18s	1.00um				
		eS	56	12.00	
WTS	21.15	140	eP	52	47.50	-1.1
ENN	22.12	142	eP	52	57.00	-1.4
1.2s	12.00nm			4.2mb	
MEM	22.29	142	Pc	53	01.30	1.3
WLF	23.22	143	P	53	04.00	-5.1X
		S	57	37.00	
CLL	23.25	131	eP	53	09.00	-0.5
2.5s	90.00nm			4.9mb	
MOX	23.52	134	eP	53	12.00	-0.1
GWF	24.17	141	eP	53	16.80	-1.7
KSP	24.54	127	eP	53	21.50	-0.5
PRU	24.86	130	eP	53	25.50	0.5
Z 16s	0.40um			4.0MszX	
KHC	25.40	132	P	53	32.10	1.8
KRA	26.26	123	eP	53	38.00	-0.1
SPC	27.12	123	eP	53	46.10	-0.2
INK	35.38	325	eP	54	58.00	-0.6
FFC	38.86	293	eP	55	28.00	0.0
1.1s	15.00nm			4.6mb	
EDM	43.57	300	eP	56	07.50	0.7
S.D. = 1.2	on	19 of	26 obs.		
JUN 19, 1985 15h 19m 06.78± 0.52s					
19.344 N ± 5.7km		65.062 W ± 8.8km			
DEPTH = 33.0km	(normal)				
4.6mb (13 obs.)					
PUERTO RICO REGION				(90)	
Felt on Puerto Rico.					
LPR	1.28	217	P	19	28.00	-0.5
SJG	1.60	220	iP	19	33.30	0.1
MCP	2.15	245	P	19	40.50	-0.5
MGP	2.34	236	P	19	44.50	0.8
CAR	8.97	192	eP	21	30.00	12.8X
TRN	9.34	157	eP	21	21.20	-1.0
0.7s	68.60nm			6	0mb X	
TOV	10.54	206	ePn	21	43.00	4.2X
SDV	11.71	208	eP	21	57.00	2.1
BOG	17.06	212	eP	23	09.00	4.1X
		eS	26	28.00	
SGS	19.51	318	P	23	35.50	1.2
JSC	20.70	319	P	23	48.30	1.6
PRM	21.27	317	eP	23	51.00	-1.6
PSO	21.67	215	eP	23	56.00	-1.2
NA2	21.73	332	P	23	55.00	-2.1
CVL	21.93	331	P	23	59.80	0.6
GFM	22.27	322	P	24	03.00	0.2
BLA	22.30	326	P	24	04.00	1.1
TKL	23.16	318	P	24	11.20	-0.1
RSCP	24.29	316	eP	24	24.30	2.0
1.0s	16.00nm			4.5mb	
FVM	28.84	315	eP	25	07.30	3.0X
0.8s	24.24nm			4.9mb	
BHO	30.38	306	eP	25	17.80	-0.2
RLO	31.20	309	eP	25	26.80	1.6
TUL	31.66	308	eP	25	28.80	-0.5
0.8s	15.80nm			4.9mb	
JCT	33.28	296	eP	25	42.10	-1.4
1.0s	4.50nm			4.3mb	
ZOBO	35.52	185	ePc	26	00.50	-2.9X
LTX	36.41	293	eP	26	10.50	0.1
0.8s	3.21nm			4.3mb	
SOB1	37.04	138	eP	26	15.00	-0.7
BAO	38.60	153	e(P)	26	16.00	-12.9X
ALQ	39.68	302	P	26	38.00	0.1
1.0s	6.25nm			4.3mb	
GOL	40.09	309	eP	26	41.00	-0.3
0.8s	2.08nm			3.9mb	
BDW	44.06	312	eP	27	13.00	-0.6
0.8s	3.21nm			4.2mb	
SES	47.71	322	eP	27	41.00	-1.2
EUR	47.99	306	iP	27	45.00	0.1
0.2s	5.58nm			5.2mb	
BMN	49.09	307	eP	27	53.00	-0.2
1.0s	3.25nm			4.3mb	
EKA	58.38	36	Pc	29	02.20	1.0
1.5s	12.30nm			4.8mb	
MBC	63.16	347	eP	29	31.00	-2.3
1.0s	8.00nm			4.8mb	
INK	64.23	337	eP	29	37.00	-3.4X
BNG	82.53	88	ePd	31	30.80	2.5
1.4s	14.00nm			4.8mb	
WAM	145.81	234	ePKP	38	44.10	0.1
CAN	146.02	235	ePKP	38	44.70	0.3
YOU	146.83	237	ePKP	38	46.90	1.2
WRA	161.71	265	PKPc	39	03.80	-2.2
0.6s	1.10nm				
S.D. = 1.3	on	35 of	42 obs.		
& JUN 19, 1985 17h 45m 49.72s					
37.808 N		113.822 W			
DEPTH = 6.9km					
UTAH				(478)	
<SLC>. ML 3.0 (SLC).					
DLM	0.75	255	eP	46	04.60	-0.3
SRG	0.99	275	eP	46	08.80	-0.1
WRN	1.41	278	eP	46	16.00	0.0
MSU	1.48	61	iP	46	16.50	-0.5
OCS	1.66	269	eP	46	19.80	0.2
EUR	2.37	316	iP	46	30.20	0.3
RMU	2.38	107	eP	46	32.20	2.2
DUG	2.51	18	eP	46	30.50	-1.2
DAU	3.28	37	e(P)	46	45.50	2.7
PV09	3.76	78	eP	46	51.00	1.3
BDW	5.93	32	e(P)	47	21.00	0.7
ALQ	6.59	113	e(P)	47	39.00	9.3
12 obs. associated					
& JUN 19, 1985 18h 18m 58.16s					
60.162 N		152.543 W			
DEPTH = 100.7km					
SOUTHERN ALASKA				(2)	
<AGS-P>.					
ILM	0.14	278	iP	19	11.71	0.8
RDT	0.42	9	iP	19	13.22	-0.6
		eS	19	25.42	
NNL	0.64	100	iP	19	15.74	0.4
NKA	0.87	47	iP	19	18.88	1.4
AUL	0.90	210	eP	19	17.29	-0.6
BRLK	0.92	115	iP	19	17.75	-0.4
SPU	1.05	13	iP	19	16.80	-0.7
CRP	1.13	10	eP	19	19.70	-0.8
		eS	19	36.40	
CGLM	1.18	13	iP	19	20.15	-0.9
SLKM	1.21	72	iP	19	20.27	-1.0
SEW	1.55	91	eP	19	23.88	-1.5
SUA	1.58	33	eP	19	25.31	-0.6
MPA	1.62	77	eP	19	25.20	-1.1
PMS	1.83	52	eP	19	28.06	-1.0
PTE	1.88	66	eP	19	28.09	-1.5
SKT	1.89	15	eP	19	28.19	-1.7
PWA	1.98	40	eP	19	29.98	-1.0
KNK	2.36	56	eP	19	33.97	-2.2
GHO	2.39	46	eP	19	34.55	-2.0
MSE	2.42	44	iP	19	35.01	-2.0
KDC	2.42	179	eP	19	34.06	-2.8
MTG	2.54	93	eP	19	36.99	-1.5
SML	2.63	49	eP	19	37.38	-2.4
GLI	2.79	73	eP	19	40.46	-1.4
HIN	3.02	83	eP	19	43.26	-1.7
FID	3.06	76	eP	19	42.86	-2.7
VZW	3.09	70	eP	19	43.81	-2.1
TTA	3.24	331	eP	19	45.31	-2.7
TOA	3.65	55	eP	19	51.84	-1.8
KMP	3.92	67	eP	19	54.83	-2.5
30 obs. associated					
& JUN 19, 1985 18h 33m 17.13s					
60.141 N		153.640 W			
DEPTH = 177.0km					
SOUTHERN ALASKA				(2)	
<AGS-P>.					
ILM	0.41	84	iP	33	40.86	0.9
		iS	33	59.47	
RDT	0.75	54	iP	33	42.61	-0.6
		iS	33	58.87	
AUL	0.77	172	eP	33	42.78	-0.4
NNL	1.18	94	eP	33	46.38	0.1
SPU	1.30	36	iP	33	46.49	-0.9
NKA	1.34	62	eP	33	48.34	0.8
CRP	1.35	32	eP	33	47.36	-0.5
SVW	1.38	316	eP	33	46.55	-1.5
CGLM	1.42	34	eP	33	47.55	-0.9
BRLK	1.44	104	eP	33	47.19	-1.4
SLKM	1.74	76	eP	33	50.79	-0.8
SUA	1.94	46	eP	33	52.32	-1.5
SEW	2.10	89	iP	33	54.65	-0.7
SKT	2.11	28	iP	33	54.52	-1.1
MPA	2.16	79	eP	33	54.91	-1.2
PMS	2.29	59	iP	33	55.90	-1.8
PWA	2.38	49	eP	33	56.66	-2.0
PTE	2.40	70	eP	33	56.79	-2.0
KDC	2.47	166	eP	33	56.92	-2.8
PME	2.70	54	eP	34	00.62	-1.8
GHO	2.82	53	eP	34	01.38	-2.6
MSE	2.84	51	eP	34	01.48	-2.8
KNK	2.85	61	eP	34	01.80	-2.4
TTA	3.02	339	eP	34	04.15	-2.3
CFI	3.07	68	eP	34	05.70	-1.3
SML	3.08	55	eP	34	04.77	-2.4
MTG	3.09	92	eP	34	06.51	-0.7
GLI	3.32	74	eP	34	08.60	-1.5
TTV	3.34	71	eP	34	09.25	-1.1
HIN	3.57	83	eP	34	11.91	-1.3
FID	3.60	77	iP	34	11.77	-1.9
VZW	3.61	72	eP	34	11.99	-1.8
VLZ	3.73	71	eP	34	14.43	-0.8
KLU	4.02	67	eP	34	16.94	-2.1
TOA	4.12	58	eP	34	19.16	-1.2
KMP	4.43	68	eP	34	22.59	-1.8
36 obs. associated					
? JUN 19, 1985 19h 50m 25.71± 4.21s					
51.552 N ±30.1km		16.006 E ±23.5km			
DEPTH = 10.0km	(geophysicist)				
POLAND				(548)	
ML 4.0 (GRF), 3.6 (VKA), 3.4 (KBA).					
KSP	0.73	166	iPd	50	39.50	-0.6
0.3s	67.00nm				
		iS	50	49.00	
PRU	1.82	211	Pn	50	57.60	0.3
		Pg	50	59.40	

19d 19h

Sn 51 15.80
Sg 51 23.20
CLL 1.90 264 iPn 50 58.50 0.1
iSg 51 27.70
KHC 2.88 214 Pn 51 12.80 0.3
Pg 51 19.00
Sn 51 49.70
Sg 51 59.50
e 52 26.90
HOF 2.89 246 iPnc 51 12.70 0.0
KRA 2.91 119 eP 51 21.00 8.1X
iS 51 59.80
MOX 2.91 254 ePn 51 14.00 1.1
ePg 51 21.00
iSg 52 01.00
WET 3.13 221 iPnc 51 16.20 0.2
VKA 3.30 176 iPnc 51 19.20 0.8
0.5s 45.10nm
iPg 51 27.10
iSg 52 09.80
i 15 09.20
iSg 15 41.00
i 15 47.80
ZST 3.43 168 eP 51 47.50 27.2X
e 52 15.30
e 15 52.50
e 16 04.00
GRF 3.57 240 ePg 51 22.70 0.4
eSg 52 21.00
SPC 3.60 129 eP 51 34.40 11.5X
KBA 4.80 202 iPnc 51 39.50 -0.5
iPg 51 55.30
iSn 52 30.60
i 53 03.70
i 53 08.30
GWF 5.96 248 eP 51 54.00 -2.1
S.D. = 0.9 on 11 of 14 obs.

JUN 19, 1985 20h 00m 39.55± 0.36s
16.022 S ± 5.6km 177.988 W ± 3.8km
DEPTH = 464.5 ± 4.2 km
5.0mb (29 obs.)
FIJI ISLANDS REGION (181)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 18C
Centroid Location:
Origin Time 20:00:45.9 0.5
Lat 15.74S 0.08 Lon 178.01W 0.07
Dep 473.1 4.1 Half-duration 1.6
Moment Tensor; Scale 10**23 D-CM
Mrr= 4.22 0.53 Mtt= 0.41 0.80
Mff=-4.62 0.77 Mrt=-3.75 0.83
Mrf=-4.45 0.96 Mtf= 7.06 0.81
Principal Axes:
T val= 10.51 Plg=42 Azm=141
N -0.72 47 335
P -9.78 7 237
Best Double Couple:Mo=1.0*10**24
NP1:Strike=288 Dip=56 Slip= 28
NP2: 182 67 142

VUN 3.93 239 eP 01 56.00 0.3
SVA 3.99 238 ePd 01 56.40 0.2
iS 03 00.00
NMS 4.21 240 iP 01 58.20 -0.1
SGE 4.21 248 iP 01 58.00 -0.4
YSA 4.31 260 iPd 01 58.40 -0.7
NDF 4.70 248 iPd 02 03.10 0.5
iS 03 07.00
AFI 6.36 72 P 02 13.00 -6.2X
S 03 27.00
PVC 13.22 261 iPc 03 34.80 1.9
NOU 15.97 245 iPc 04 01.50 0.3
KOU 17.43 252 iPc 04 17.30 1.6
CRZ 20.16 203 P 04 44.70 2.5
KRP 22.55 193 P 05 05.30 0.9
SVO 22.70 285 eP 05 12.00 6.1X
GNZ 22.81 188 eP 05 06.70 0.0
MNG 25.16 192 P 05 24.60 -3.4X
TVO 27.54 98 iP 05 48.30 -1.0
0.8s 85.00nm 5.3mb
TBI 27.80 110 iP 05 51.50 0.1
0.7s 40.00nm 5.0mb
PMO 29.00 92 iP 06 01.10 -0.9
0.8s 100.00nm 5.3mb
VAH 29.23 93 iP 06 02.70 -1.3
0.8s 55.00nm 5.1mb
TPT 29.27 92 iP 06 03.30 -1.0
0.8s 50.00nm 5.0mb
BRS 29.35 242 iPd 06 04.40 -0.6
RUV 29.48 93 iP 06 04.90 -1.2
0.8s 95.00nm 5.3mb
MSZ 30.94 200 P 06 18.00 -0.5
COO 31.11 237 eP 06 20.00 -0.2
RMQ 32.61 246 eP 06 33.00 0.1
CTA 34.19 258 iPd 06 46.00 -0.3
0.9s 37.82nm 4.9mb
PMG 34.60 277 eP 06 51.00 1.3
0.9s 100.84nm 5.3mb
CAN 35.18 231 eP 06 54.40 -0.1
e 07 07.10
YOU 35.23 233 eP 06 54.80 -0.1
WAM 35.64 229 iPd 06 58.70 0.5
i 07 15.00
CMS 36.33 238 iPd 07 03.80 -0.2
0.8s 52.00nm 5.0mb
MDG 37.12 283 eP 07 10.00 -0.6
TOO 38.68 229 eP 07 23.00 -0.3
TAU 39.91 221 eP 07 34.00 0.8
STK 39.91 239 eP 07 34.00 0.7
ADE 43.01 236 iPd 07 58.30 0.2
0.7s 30.14nm 4.9mb
WB2 45.38 258 iPc 08 15.30 -1.6
eS 14 19.50
WRA 45.40 258 Pd 08 15.70 -1.3
0.7s 87.40nm 5.3mb
ASPA 45.72 252 eP 08 19.00 -0.5
0.7s 4043.00nm 7.0mb X
eS 14 28.00
eScS 17 29.00
MTN 49.28 267 iPd 08 45.60 -1.1
0.8s 163.00nm 5.5mb
KNA 51.09 263 eP 08 59.40 -0.6
WBN 52.37 249 iPc 09 08.90 -0.4
KLG 56.87 243 eP 09 40.00 -1.1
DRV 57.57 198 eP 09 45.00 -0.3
MBL 58.84 255 eP 09 53.00 -1.6
MEK 59.55 248 iPd 09 58.40 -1.0
0.4s 11.00nm 4.6mb
KLB 60.03 243 iPd 10 01.60 -0.9
0.5s 79.00nm 5.4mb
NWAO 60.46 241 eP 10 04.00 -1.3
RKG 60.64 240 iPc 10 06.50 0.0
BAL 60.96 244 iPd 10 07.80 -0.8
MUN 61.35 242 iPc 10 10.60 -0.5
MRWA 61.65 245 iPd 10 12.20 -0.9
0.5s 25.00nm 5.0mb
NAU 62.68 253 eP 10 20.00 0.1
0.5s 41.00nm 5.2mb
TRT 68.15 268 ePc 10 54.90 0.6
SPA 74.08 180 eP 11 29.80 1.4
1.0s 22.50nm 4.7mb
SYP 74.58 47 eP 11 32.00 0.3
PRS 74.61 44 ePc 11 32.10 0.5
BRK 74.88 43 eP 11 33.50 0.5
BKS 74.90 43 eP 11 34.00 0.8
0.9s 55.00nm 5.2mb
PRI 74.98 45 iPc 11 34.50 0.7
LLA 75.05 44 ePc 11 34.40 0.3
FHC 75.49 39 ePc 11 37.20 0.8
PAS 75.66 48 eP 11 37.00 -0.5
MWC 75.78 48 eP 11 38.00 -0.4
FRI 76.08 45 eP 11 39.70 0.0
JAS1 76.12 43 iPc 11 40.00 0.1
RVR 76.15 48 eP 11 41.00 0.9
SBB 76.18 47 eP 11 40.00 -0.4
PLM 76.20 49 eP 11 40.00 -0.7
ISA 76.23 46 eP 11 40.00 -0.7
WDC 76.25 40 iPc 11 40.80 0.2
ORV 76.32 42 ePc 11 41.00 0.0
CLC 76.92 47 eP 11 44.00 -0.4
TPC 77.16 49 eP 11 45.00 -0.8
GSC 77.21 47 eP 11 46.00 -0.1
GLA 77.54 50 eP 11 46.00 -1.9
MNA 77.89 44 ePc 11 50.20 0.4
BMN 79.55 43 iP 11 59.00 0.5
0.9s 10.74nm 4.4mb
EUR 79.89 44 iP 11 59.80 -0.6
0.8s 6.19nm 4.2mb
PPI 81.81 272 eP 12 11.60 1.0
RMU 82.20 48 iP 12 14.00 1.7
IPM 82.62 277 ePd 12 16.00 1.4
0.9s 31.30nm 5.0mb
PNT 82.96 34 iP 12 16.00 0.4
0.8s 25.00nm 4.9mb
NEW 83.76 36 eP 12 19.00 -0.6
ALQ 84.61 52 eP 12 24.90 0.5
1.0s 17.50nm 4.7mb
LTX 84.65 58 iP 12 26.20 1.7
1.0s 28.00nm 4.9mb
BDW 85.71 43 iP 12 29.80 0.2
1.0s 15.00nm 4.7mb
GOL 87.30 47 iP 12 37.50 0.2
1.0s 4.50nm 4.2mb
JCT 88.19 58 iP 12 42.00 0.6
1.0s 6.50nm 4.4mb
RSSD 89.93 44 iP 12 49.50 0.2
1.0s 24.00nm 5.1mb
INK 89.96 15 eP 12 48.00 -0.6
YKA 92.46 25 eP 13 00.90 0.7
YKC 92.50 25 eP 13 00.00 -0.4
TUL 93.10 54 eP 13 04.40 0.6
0.9s 16.70nm 5.1mb
BHO 93.38 55 eP 13 05.80 0.7
RLO 93.77 54 eP 13 07.50 0.6
KEV 124.09 350 ePKP 18 44.00 -0.9
SOD 126.24 348 ePKP 18 48.00 -1.2
KJF 128.74 346 iPKP 18 54.00 0.0
0.5s 15.40nm
SUF 130.38 346 iPKP 18 56.00 -1.1
0.5s 1.80nm
SO81 130.68 118 ePKP 18 59.90 0.7
NUR 132.65 345 iPKP 19 01.50 0.0
i 21 49.00
ITR 133.00 119 ePKP 19 03.90 0.3
0.5s 1.60nm
NB2 134.56 354 PKP 19 04.60 -0.6
0.6s 1.50nm
EKA 140.57 5 PKP 19 10.00 -6.4X
0.9s 1.80nm
KSP 143.41 345 iPKPd 19 20.30 -1.2
CLL 143.71 348 iPKPd 19 20.60 -1.4
0.5s 11.00nm
WTS 143.91 355 iPKPc 19 20.90 -1.3
0.8s 15.00nm
JOS 144.22 339 iPKPc 19 22.80 -0.1
0.8s 44.10nm
MOX 144.60 349 ePKP 19 23.00 -0.6
PRU 144.63 346 PKPc 19 24.00 0.4
1.0s 28.90nm
HOF 144.88 349 ePKP 19 23.70 -0.3
1.2s 29.00nm
BNS 144.90 354 ePKP 19 24.60 0.6
1.0s 65.00nm
ENN 145.20 356 ePKP 19 25.00 0.5
1.2s 34.00nm
UCC 145.26 357 PKP 19 27.00 2.4X
STB 145.29 355 ePKP 19 25.80 1.1
MEM 145.35 356 PKP 19 25.50 0.8
SRO 145.56 340 ePKP 19 27.10 1.9X
GRF 145.59 349 ePKP 19 27.00 1.8X
ZST 145.60 342 ePKP 19 26.50 1.3
KHC 145.65 347 PKPc 19 27.00 1.6X
0.9s 18.00nm
WET 145.79 347 ePKP 19 27.00 1.4
DOU 145.95 357 PKP 19 26.00 0.2
WLF 146.28 355 PKPc 19 28.80 2.5X
e 21 14.70
GWF 146.81 353 ePKP 19 29.90 2.7X
FUR 147.05 349 ePKP 19 31.00 3.4X
0.8s 40.00nm
BHG 147.14 346 ePKP 19 30.80 3.0X
FLN 147.28 3 ePKP 19 30.60 2.7X
0.8s 20.10nm
CDF 147.41 353 ePKP 19 31.40 3.1X
1.0s 32.00nm
LDF 147.47 3 ePKP 19 31.40 3.2X
1.1s 19.50nm
KBA 147.64 345 iPKPc 19 31.50 2.7X
0.8s 10.50nm
GRR 147.64 4 ePKP 19 31.80 3.3X
0.8s 21.90nm
HAU 147.91 355 ePKP 19 32.80 3.8X
1.0s 15.40nm
LPF 147.98 4 ePKP 19 32.90 3.8X
1.1s 81.40nm
BSF 148.04 354 ePKP 19 33.20 3.9X
1.2s 27.50nm
LJU 148.29 343 ePKP 19 30.00 0.3X
19 33.50

		e	21 23.50		
VOY	148.47	344 ePKP	19 30.00	-0.1	
		i	19 33.80		
OSS	148 68	349 ePKPd	19 31.10	0.6	
GRC	148 80	359 iPKPc	19 35.40	5.0X	
TRI	148.80	344 ePKP	19 34.70	4.3X	
LOR	148.81	358 iPKPc	19 35.00	4.6X	
	0.8s	17.40nm			
SSF	149 03	358 ePKP	19 35.60	4.8X	
	1.0s	37 00nm			
LBF	149.08	357 ePKP	19 35.80	4.9X	
	1.0s	34.60nm			
AVF	149.30	358 ePKP	19 36.00	4.8X	
	1.0s	17.70nm			
SMF	149.43	358 ePKP	19 36.20	4.8X	
	1.0s	13.00nm			
TMA	149.46	351 ePKPd	19 32.00	0.3	
BGF	149.55	359 ePKP	19 36.80	5.3X	
	1.0s	37.50nm			
TCF	149.82	360 ePKP	19 37.40	5.4X	
	1.2s	30.30nm			
LSF	149.86	1 iPKPc	19 37.20	5.2X	
	1.0s	25.80nm			
MZF	149.89	359 ePKP	19 36.60	4.5X	
OHR	150.18	331 ePKP	19 38.50	5.8X	
LPG	150.35	353 ePKP	19 39.80	6.6X	
	0.8s	21.00nm			
RJF	150.81	1 ePKP	19 40.00	6.5X	
	1.0s	18.00nm			
LFF	151.16	2 ePKP	19 40.80	6.8X	
	1.0s	21.10nm			
CAF	151.19	360 ePKP	19 40.80	6.7X	
	0.8s	15.40nm			
LPO	151.42	1 ePKP	19 41.60	7.2X	
	0.6s	9.90nm			
BNG	160.09	236 ePKPd	19 46.70	0.4	
	0.9s	6.90nm			
		i	20 30.70		
KIC	168.34	145 ePKP	19 54.00	0.5	
		e	21 06.60		

S.D. = 0.8 on 120 of 158 obs.

JUN 19, 1985 20h 12m 53.48± 0.40s
49.712 N ± 4.1km 8.537 E ± 3.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.4 (LDG), 3.3 (GRF).

TNS	0.52	354 ePgc	13 02.50	-1.4	
		iSg	13 08.90		
KOE	0 88	324 iPg	13 11.20	0.8	
	0.2s	295.00nm			
		iSg	13 22.30		
GWF	0.95	219 iPnc	13 14.40	2.8X	
STU	1.04	155 ePnd	13 11.00	-2.0	
	0.3s	36.36nm			
		eSg	13 30.50		
BUH	1.06	191 iPnc	13 15.60	2.2	
BNS	1.53	326 ePg	13 22.10	1.3	
	0.2s	130.00nm			
		eSg	13 39.80		
CDF	1.54	213 Pn	13 22.20	1.1	
		Pg	13 27.00		
		Sn	13 43.60		
		Sg	13 49.20		
WLF	1.55	269 Pn	13 22.90	1.8	
		e	13 50.00		
GRF	1.74	90 ePg	13 24.00	0.0	
		eSg	13 44.20		
MEM	1.86	300 Pn	13 26.70	1.1	
		Sg	13 53.20		
SLE	1.95	181 eP+	13 27.60	0.6	
ENN	1.98	303 ePn	13 32.50	5.1X	
	0.7s	17.00nm			
		e	13 34.50		
		e	13 37.00		
		e	13 45.00		
MOX	2.19	64 ePg	13 31.00	0.6	
		iSg	13 55.00		
BSF	2.21	212 Pn	13 30.90	0.1	
		Pg	13 39.20		
		Sn	13 58.80		
		Sg	14 10.80		
ZUL	2.23	183 eP+	13 32.40	1.3	
HAU	2.24	221 Pn	13 31.10	0.0	
		Pg	13 39.60		
		Sg	14 11.40		
HOF	2.24	73 eP	13 31.60	0.4	
SAX	2.52	167 ePd	13 36.40	1.0	
WTS	2.53	335 ePn	13 44.50	9.2X	
	0.7s	7 00nm			
		e	13 58.00		
		e	14 12.50		
DOU	2.58	280 Pn	13 37.00	1.1	
		iPg	13 44.70		
		Sn	14 09.10		
WET	2.89	100 iPnc	13 40.00	-0.4	
CLL	3.27	59 iPg	13 50.60	4.8X	
		eSg	14 30.00		
KHC	3.34	98 Pn	13 45.00	-1.9	
		Pg	13 55.20		
		Sg	14 35.00		
TMA	3.62	176 eP+	13 52.80	1.9	
PRU	3.90	84 Pg	14 05.10	10.5X	
		e	14 34.50		
		Sg	14 47.50		
LOR	3.96	234 Pn	13 54.60	-0.9	
		Sn	14 42.40		
		Sg	15 02.60		
LBF	4.09	230 Pn	13 56.40	-0.9	
		Pg	14 14.00		
		Sg	15 06.10		
SSF	4.27	234 Pn	13 59.10	-0.9	
		Sn	14 50.00		
		Sg	15 13.60		
GRC	4.36	238 ePn	14 01.10	-0.2	
		iPg	14 20.40		
		i	15 18.60		
LPG	4.39	197 Pn	14 02.70	0.8	
SMF	4.39	227 Pn	14 00.30	-1.4	
		Sg	15 16.80		
AVF	4.53	232 Pn	14 02.40	-1.2	
		Pg	14 21.80		
		Sn	14 56.80		
		Sg	15 20.60		
BGF	4.95	233 Pn	14 08.60	-1.0	
		Sg	15 34.40		
MZF	5.31	231 Pn	14 14.10	-0.7	
		Sg	15 45.00		
TCF	5.46	233 Pn	14 16.10	-0.7	
		Sg	15 50.50		
LDF	5.79	262 Pn	14 21.00	-0.4	
LSF	5.84	236 Pn	14 21.50	-0.7	
FLN	5.98	264 Pn	14 23.70	-0.4	
GRR	6.32	261 Pn	14 28.10	-0.8	
		Sn	15 37.20		

S.D. = 1.1 on 34 of 39 obs.

• JUN 19, 1985 20h 33m 51.41± 0.99s
23.934 N ± 7.7km 121.411 E ±16.7km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD	0.22	49 iPd	33 56.60	0.4	
		eS	34 00.50		
TWF1	0.59	190 iP	34 03.30	0.0	
TWC	0.78	31 iPd	34 06.00	-0.6	
		eS	34 17.00		
TATO	1.04	4 iP	34 11.50	0.5	
TWZ	1.17	8 eP	34 13.00	-0.2	
		eS	34 29.50		
ANP	1.25	4 eP	34 11.30	-3.3X	

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

• JUN 19, 1985 20h 40m 36.18± 3.45s
1.589 N ±14.3km 127.138 E ±17.5km
DEPTH = 163.9 ± 33.1 km
4.9mb (7 obs.)
HALMAHERA (267)

MTN	14.88	165 eP	44 01.00	1.3	
	0.5s	40.00nm		5.0mb	
KNA	17.30	175 eP	44 28.00	-1.5	
WRA	22.54	162 Pc	45 22.60	-0.5	
	0.5s	39.30nm		5.1mb	
WB2	22.54	162 iPc	45 22.30	-0.8	
ASPA	25.95	166 eP	45 54.00	-1.3	
NAU	26.54	205 eP	46 02.00	1.5	
WBN	27.57	181 eP	46 10.00	0.1	
MEK	29.24	196 eP	46 25.00	0.1	
MRWA	32.44	198 eP	46 52.00	-0.8	
STK	36.00	159 iPc	47 22 60	-0.5	
	0.5s	21.00nm		5.1mb	
YOU	40.88	153 eP	48 04.30	0.6	
CAN	42.03	153 eP	48 13.90	0.8	
WAM	42.70	154 iPd	48 19.50	1.0	
PKI	47.55	307 eP	48 57.00	-0.6	
	0 6s	5.00nm		4.3mb	
KYN	47.75	307 eP	48 58.70	-0.2	
	0.7s	11.00nm		4.6mb	
DMN	47.81	307 eP	48 59.40	-0.1	
	0.8s	13.00nm		4.6mb	
HYB	50 24	291 eP	49 18.00	0 1	
GBA	50.58	286 P	49 21.00	0.6	
	1.6s	60.50nm		5.0mb	
MHI	71.13	308 eP	51 39.00	0.0	

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

• JUN 20, 1985 00h 53m 05.79± 1.30s
50.380 N ±24.2km 18.742 E ± 9.4km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.0 (KRA).

KRA	0.84	112 iPgd	53 21.50	-0.4	
		iSg	53 31.80		
SPC	1.54	140 e(Pn)	53 34.00	0.5	
		i(Sn)	53 54.60		
KSP	1.63	288 ePn	53 35.00	0.4	
	0.5s	47.00nm			
		iPg	53 37.40		
		iS	54 00.00		
PRU	2.73	263 ePn	53 50.00	-0.4	
		ePg	54 00.00		
		Sg	54 35.00		
KHC	3.57	252 ePg	54 02.30	-0.1	
		Sg	55 03.10		

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

• JUN 20, 1985 01h 13m 59.47± 1.10s
31.296 S ±11.7km 67.953 W ± 6.4km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.40	218 ePc	14 07.40	-0.2	
		S	14 12.80		
RTLL	0.44	265 iPd	14 08.40	-0.1	
		(S)	14 15.20		
RTCB	0.75	255 eP	14 14.50	0.3	
		S	14 25.00		
RTCV	0.75	221 iPd	14 14.00	-0.2	
		(S)	14 25.50		
TCA	2.88	92 ePd	14 46.20	-0.1	
		S	15 26.30		
RFA	3.49	187 ePd	14 55.30	0.3	

S.D. = 0.3 on 6 of 6 obs.

• JUN 20, 1985 02h 30m 41.62± 3.90s
51.535 N ±27.3km 16.100 E ±22.6km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.8 (GRF), 3.6 (KBA), 3.6 (VKA).

KSP	0.70	170 iPd	30 55.00	-0.5	
	1.5s	487.00nm			
		iS	31 04.20		
		e	31 09.00		
PRU	1.84	213 Pn	31 13.50	0.0	
		Pg	31 15.40		
		Sg	31 39.00		
CLL	1.95	265 iPn	31 15.20	0.1	
		iPg	31 17.90		
		iSg	31 43.10		
KRA	2.85	120 eP	31 36.80	8.8X	
		eS	32 14.00		
KHC	2.90	215 Pn	31 29.00	0.3	
		Pg	31 35.00		
		Sn	32 03.00		
		Sg	32 19.00		
		e	32 52.00		
HOF	2.94	247 ePn	31 28.90	-0.3	
MOX	2.96	254 ePn	31 30.00	0.4	
		ePg	31 38.00		
		iSg	32 16.00		
VKA	3.28	177 ePn	31 34.50	0.5	
		iPg	31 43.10		
		iSg	32 27.20		
ZST	3.40	169 eP	32 05.00	29.2X	
		e	00 56.00		
GRF	3.61	241 ePn	31 38.90	0.1	

20d 02h

			e(Pg)	31	50.30	
			e(Sn)	32	25.30	
			eSg	32	37.00	
SPG	3.99	158	eP	32	51.90	67.8X
KBA	4.81	203	iPnd	31	56.00	0.0
			iPg	32	14.50	
			iSn	32	49.60	
			iSg	33	16.70	
			i	33	21.20	
VOY	5 70	196	e(Pn)	32	27.00	18.6X
			eSn	33	51.30	
GWF	6.01	248	eP	32	12.00	-0.7
S.D. = 0.4 on 10 of 14 obs.						

JUN 20, 1985 02h 58m 30.95± 0.46s
39.250 N ± 3.8km 22.877 E ± 3.9km
DEPTH = 44.1 ± 6.7 km
3.9mb (14 obs.)
GREECE (364)

LIT	0.90	341	iPgc	58	46.50	-0.9
PAIG	0.92	42	iPg	58	47.20	-0.4
KZN	1.36	321	iPnc	58	54.50	0.7
OUR	1.38	38	ePg	58	54.60	0.6
THE	1.38	3	ePgc	58	53.20	-0.9
ATH	1.44	152	iPnc	58	54.50	-0.4
			eSg	59	16.50	
SOH	1.61	13	iPb	58	58.00	0.6
			eSb	59	19.50	
GRG	1.74	348	ePb	58	59.30	0.0
KNT	1.91	0	iPb	59	02.30	0.7
SRS	1.94	16	ePbc	59	02.80	0.7
VAY	2.08	354	iPn	59	04.30	0.3
			iSn	59	30.00	
VLS	2.09	240	ePn	59	05.50	1.4
			eSg	59	40.00	
MMB	2.42	15	iPc	59	09.00	0.0
			iS	59	38.00	
OHR	2.45	320	iPn	59	10.40	1.0
PRK	2.64	89	ePg	59	12.00	0.0
EZN	2.73	77	iPn	59	12.90	-0.4
SKO	2.93	339	iPn	59	16.70	0.5
			iPg	59	23.60	
			iSn	59	50.00	
KDZ	3.04	38	iPc	59	17.00	-0.8
PLD	3.17	25	iPd	59	21.00	1.4
VTS	3.36	4	iPc	59	23.00	0.8
DIM	3.47	36	iP	59	23.00	-0.8
IZM	3.53	103	iPn	59	24.90	0.2
KGT	3.61	69	ePn	59	14.60	-11.2X
EDC	3.99	73	ePn	59	30.10	-1.2
PVL	4.26	23	eP	59	34.00	-1.0
JMB	4.27	40	eP	59	35.00	-0.1
KCT	4.34	75	ePn	59	36.00	-0.2
DST	4.47	84	ePn	59	37.20	-0.8
NPS	4.54	150	ePn	59	40.00	1.0
YER	4.75	115	ePn	59	42.40	0.4
GPA	5.82	77	ePn	59	55.30	-1.7
PSN	5.96	40	iPd	59	59.00	0.2
GZR	6.14	359	ePc	00	04.00	2.5
CMP	6.22	14	ePd	00	06.00	3.4X
MLR	6.64	19	iPd	00	08.50	0.0
MSR	6.93	11	eP	00	15.00	2.4
VRI	7.20	22	iPd	00	16.50	0.2
CLI	7.98	22	eP	00	27.00	-0.1
CEY	9.00	319	ePn	00	38.60	-2.6
			eSn	02	19.60	
LJU	9.15	321	ePn	00	57.00	13.6X
			e(Sn)	02	21.00	
			e	02	40.00	
TRI	9.32	317	eP	00	44.10	-1.5
			e	02	23.40	
			e	03	34.50	
			e	03	46.50	
VOY	9.47	319	eP	00	45.80	-2.0
			e(S)	02	27.80	
KHC	11.91	329	P	01	20.00	-0.9
SMF	15.75	304	eP	02	15.80	4.5X
	1.0s	12.00nm			4.0mb	
LBF	15.79	305	eP	02	16.00	4.2X
	0 9s	4.70nm			3.6mb	
AVF	16.12	304	eP	02	20.00	4 1X
SSF	16.12	305	eP	02	19.80	3.9X
	0 8s	5 30nm			3.7mb	
BGF	16.37	303	eP	02	23.00	4.0X
	0.8s	8.20nm			3.9mb	
MZF	16.43	302	eP	02	23.80	3.9X
	1.0s	11.10nm			3.9mb	
CAF	16.44	297	eP	02	23.60	3.6X
	0.8s	4.00nm			3.6mb	
GRC	16.48	306	iPc	02	25.50	5.0X
TCF	16.70	302	eP	02	27.20	3.9X
	1.0s	8.10nm			3.8mb	
LSF	17.14	301	eP	02	32.40	3.6X
	0.9s	7.80nm			3.8mb	
LDF	18.96	307	eP	02	51.20	0.1
	0.8s	8.00nm			4.0mb	
FLN	19.24	307	eP	02	53.50	-0.8
	0.8s	5.30nm			3.8mb	
GRR	19.35	306	eP	02	54.90	-0.6
	0.6s	4.10nm			3.9mb	
LPF	19.35	305	eP	02	54.70	-0.8
NUR	21.31	2	eP	03	16.00	0.2
NB2	22.99	345	P	03	31.90	-0.5
	0.7s	2.50nm			3.8mb	
SUF	23.58	4	eP	03	39.00	0.9
EKA	23.68	321	Pc	03	39.40	0.3
	0.7s	6.80nm			4.3mb	
EDU	24.28	324	eP	03	45.00	0.1
EBH	24.34	323	eP	03	45.60	0.1
	0.8s	16.00nm			4.6mb	
EAB	24.70	322	eP	03	48.50	-0.5
KJF	25.15	5	eP	03	54.00	0.8
BNG	34.88	188	iPd	05	19.70	-0.5
	0.7s	11.10nm			4.9mb X	
KIC	41.13	224	eP	06	12.30	-0.2
SOB1	76.20	246	eP	10	18.60	2.0
S.D. = 1.0 on 55 of 68 obs.						

? JUN 20, 1985 04h 11m 02.52± 7.63s
39.964 N ±14 0km 30.767 E ±61.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA	0.48	313	iPg	11	12.30	0.1
			eSg	11	23.80	
HRT	1.20	316	iPg	11	24.60	-0.3
DST	1.69	258	ePn	11	32.20	0.0
ISK	1.70	311	iPn	11	32.60	0.2
KCT	1.87	280	iPn	11	34.10	-0.8
EDC	2.26	281	iPn	11	41.10	0.6
S.D. = 0.6 on 6 of 6 obs.						

? JUN 20, 1985 06h 15m 08.71± 0.85s
41.746 N ±12.9km 141.827 E ±35.1km
DEPTH = 33.0km (normal)
4.3mb (2 obs.)
HOKKAIDO, JAPAN REGION (224)

HAC	1.24	191	eP	15	30.00	0.2
			S	15	42.70	
MAT	5.91	210	(P)	16	36.00	-0.3
INK	50.09	29	eP	24	02.00	0.0
ALE	55.41	4	eP	24	41.00	-0.5
	0.9s	4.00nm			4.4mb	
NB2	69.98	337	P	26	19.00	0.5
	0.5s	1.10nm			4.2mb	
S.D. = 0.6 on 5 of 5 obs.						

* JUN 20, 1985 06h 55m 34.30± 1.23s
24.609 N ± 9.8km 122.391 E ±12.2km
DEPTH = 10.0km (geophysicist)
4.2mb (1 obs.)
TAIWAN REGION (243)

TWZ	0.88	304	iPd	55	50.90	-0.4
			eS	56	02.00	
TWD	0.90	234	iPc	55	51.00	-0.5
TATO	0 90	294	eP	55	51.00	-0.5
			iS	56	02.80	
ANP	0.98	306	iPd	55	53.80	0.9
	0.7s	383.56nm				
			eS	56	05.10	
TWF1	1.60	219	iPc	56	03.50	0.8
WRA	45.79	164	Pd	03	58.60	0.6
	0.7s	2.00nm			4.2mb	
WB2	45.79	164	eP	03	57.20	-0.9
S.D. = 0.9 on 7 of 7 obs.						

? JUN 20, 1985 07h 40m 05.87± 8.29s
31.530 S ±40.8km 69.676 W ±66.3km
DEPTH = 147.9 ± 37.0 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.75	87	iPd	40	28.80	-0.1
			(S)	40	42.50	
RTCV	1.03	109	iPc	40	30.70	-0.3
			S	40	45.70	
RTLL	1.05	79	iPc	40	31.30	0.1
			S	40	47.30	
CFA	1.23	94	iPc	40	33.00	0.1
			S	40	49.60	
MDZ	1.52	153	iP	40	36.10	0 2
			iS	40	56.30	
RFA	3.39	163	ePc	40	58.70	-0.1
TCA	4.35	89	iPd	41	11.50	0.0
			S	41	58.00	
S.D. = 0.2 on 7 of 7 obs.						

* JUN 20, 1985 08h 24m 46.33± 0.85s
6.905 S ±12.9km 155.920 E ± 9.5km
DEPTH = 75.3 ± 10.0 km
5.1mb (4 obs.)
SOLOMON ISLANDS (193)

PAA	0.74	325	iPd	25	02.00	-0.3
			eS	25	16.00	
BGA	1.05	316	iPd	25	06.00	-0.1
			eS	25	21.00	
SVO	4.46	120	eP	25	54.00	1.1
HNR	4.71	122	eP	25	55.00	-1.5
			eS	26	49.00	
LAT	8.86	271	eP	26	54.00	0.1
PMG	9.03	253	eP	26	57.00	0.8
CTA	16.11	215	iP	28	32.20	2.5
	0.6s	4.00nm			3.7mb X	
WB2	24.61	236	iPd	29	58.80	-2.4
WRA	24.62	236	Pd	30	00.40	-0.9
	0.5s	6.40nm			4.3mb	
MRWA	43.65	234	iPd	32	43.50	-1.8
PKI	76.17	300	iPd	36	29.10	0.3
	0.6s	12.00nm			5.0mb	
KKN	76.34	301	iPd	36	30.10	0.5
	0.6s	20.00nm			5.2mb	
DMN	76.44	300	iPd	36	31.00	0.8
	0.5s	25.00nm			5.4mb	
TAB	109.64	308	ePdiff	39	12.00	4.1X
BAO	147.40	134	e(PKP)	44	22.60	1.0
S.D. = 1.5 on 14 of 15 obs.						

JUN 20, 1985 08h 50m 33.23± 0.35s
63.731 N ± 3.5km 149.745 W ± 3.9km
DEPTH = 120.0 ± 4.0 km
4.6mb (20 obs.)
CENTRAL ALASKA (1)
Felt at Cantwell and Denali National Park.

FBA	1.45	35	eP	51	02.00	1.6
PME	2.14	171	eP	51	08.70	-0.2
PMR	2.17	172	P	51	09.00	-0.2
TOA	2.31	133	eP	51	10.60	-0.6
IMA	2.88	326	eP	51	20.10	1.3
TTA	2.94	257	eP	51	20.10	0.7
SVW	3.79	229	eP	51	30.20	-0.7
DWY	4.57	81	P	51	40.60	-0.7
			Lg	52	44.60	
KDC	6.15	194	eP	51	59.40	-3.6X
PNL	6.39	125	eP	52	04.60	-1.6
INK	8.03	48	eP	52	28.50	0.1
BRW	8.06	344	eP	52	28.70	-0.1
SIT	9.76	127	eP	52	49.50	-2.2
YKA	15.82	79	eP	54	10.50	0.4
MBC	15.97	26	eP	54	12.00	0.1
	0.7s	9.00nm			4.1mb	
ADK	18.44	243	P	54	41.80	0.1
EDM	21.42	102	iPc	55	13.00	0.7
PNT	21.72	117	ePd	55	16.00	0.7
	0.7s	14.00nm			4.4mb	
NEW	23.55	116	eP	55	34.00	0.8
SES	24.45	105	eP	55	42.00	0.3
FFC	25.45	88	eP	55	51.00	0.0
	1.0s	6.00nm			4.1mb	
ALE	27.07	17	ePc	56	05.40	-0.1
	0.8s	13.00nm			4.6mb	
BMN	30.13	125	eP	56	34.00	0 6
	1.0s	2.50nm			3.9mb	
BDW	31.09	113	iP	56	42.20	0.2
	1.0s	8.00nm			4.4mb	
JAS1	31.25	132	eP	56	43.00	-0.1
	1.0s	0.90nm			3.5mb X	

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EUR     31.42 124 iP     56 45.00    0.2
        0.2s     18.70nm          5.5mb
RSSD    32.32 105 eP     56 52.60    0.0
        0.8s      6.34nm          4.4mb
FRB     33.66  52 eP     57 03.00   -0.7
CLC     34.11 130 eP     57 08.00    0.0
GSC     34.B5 129 eP     57 15.00    0.7
SBB     35.06 131 eP     57 15.00   -1.0
GOL     35.40 111 eP     57 20.00    0.9
        1.1s      4 49nm          4.2mb
MWC     35.40 131 eP     57 23.00    3 9X
RMU     35.41 120 iP     57 19.00   -0.1
GLD     35.42 111 eP     57 20.50    1.3
RVR     35.84 131 eP     57 23.00    0.4
TPC     36.19 129 eP     57 26.00    0.4
DAG     36.46  17 iPc    57 27.50    0.2
        0.7s     13.01nm          4.9mb
PLM     36.60 130 eP     57 29.00   -0.2
BAR     37.28 131 eP     57 35.00    0.3
GLA     37.57 128 eP     57 38.00    0.8
ALQ     39.04 117 eP     57 50.20    0.6
LTX     45.09 117 iP     58 39.50    0.8
        1.0s     14.20nm          4.7mb
KJF     52.36   1 iP     59 34.00   -0.1
        0.6s     13.00nm          5.0mb
NB2     54.72  11 P      59 50.10   -1.5
        0.8s      2.10nm          4.1mb
HFS     55.82  10 eP     59 57.60   -1 8
        0.4s      3.90nm          4.7mb
NUR     56.01   3 iP     59 59.80   -0.9
        0.8s     17.60nm          5.1mb
LOR     67.40  19 eP     01 16.30   -0.8
        1.0s      6.00nm          4.4mb
SSF     67.55  19 eP     01 17.30   -0.7
        1.0s     10.00nm          4.7mb
KkN     79.09 312 eP     02 25.60    0.0
        0.6s      9.00nm          4.7mb
PKI     79.25 312 eP     02 26.40   -0.2
        0.9s     11.00nm          4.6mb
DMN     79.31 312 eP     02 27.20    0.4
        0.6s     10.00nm          4.8mb
      S.D. = 0.8  on  50 of  52 obs.

•  JUN  20, 1985  09h 16m 00.29± 0.97s
   21.314 S ± 8.9km   68.727 W ±14.7km
   DEPTH = 168.4 ± 16.6 km
 CHILE-BOLIVIA BORDER REGION      (124)

TPZ      0.15 176 Pc     16 46.60   22.4X
ANT      2.85 213 eP     16 46.50   -0.5
YJA      3.12 106 iPc    16 49.90   -0.9
                  e      16 52.60
SLA      4 52 139 ePd    17 09.80    1.2
LPB      4 79   7 eP     17 13.00    0.5
                 (S)     18 43 50
ZOBO     5.05   7 ePd    17 16.00    0.0
ARE      5.49 331 eP     17 18.00   -3.6X
                  iS     18 17.50
ITB1    13.62 107 iPc    19 14.50    6.8X
ITB7    13.90 109 e(P)   19 17.60    6.2X
VAO     20.22  99 eP     20 24.60    0.5
BAO     20.45  77 e(P)   20 25.60   -0.9
      S.D. = 1.1  on   7 of  11 obs.

   JUN  20, 1985  10h 34m 24.60± 0.77s
    5.195 S ±13.6km  154.266 E ± 6.3km
   DEPTH = 196.9 ±  4.9 km
   4.8mb (  3 obs.)
 SOLOMON ISLANDS                  (193)

BGA      1.31 136 iPc    34 56.80    0.0
                  eS     35 20.00
PAA      1.64 132 ePc    34 59.50   -0.2
                  eS     35 26.00
RAB      2.32 295 iPd    35 07.00    0.4
BIAL     3.20 268 iPc    35 16.20   -0.8
LAT      7.37 258 eP     36 11.00    0.4
PMG      8.20 239 eP     36 22.00    0.4
CTA     16.73 207 iPd    38 09.40    0.1
        0.8s     26.87nm          4.7mb
KOU     18.11 148 iPc    38 24.50    0.1
NOU     20.70 146 iPc    38 51.10    0.3
MTN     24.06 250 iPc    39 23.90    0.5
WB2     24.30 231 iPd    39 25.70    0.1
WRA     24.31 231 Pc     39 26.20    0.5
        0.5s     37.70nm          5.3mb
ASPA    26.BB 225 eP     39 48.00   -1.2
KNA     27.14 245 eP     39 52.00    0.4
WBN     33.68 229 iPd    40 49.00    0.0
MBL     36.96 241 eP     41 16.00   -0.7
MNG     40.09 155 P      41 42.10   -0.2
MEK     40.19 234 eP     41 43.00   -0.4
        0.5s     13.00nm          4.7mb
MSZ     41.10 165 P      41 51.00    0.5
NAU     41.22 241 eP     41 52.00    0.2
MRWA    43.35 232 iPc    42 08.70   -0.4
      S.D. = 0.5  on  21 of  21 obs

•  JUN  20, 1985  10h 49m 23.89± 0.96s
   42.798 N ± 9.9km  143.377 E ±28.6km
   DEPTH = 140.2 ±  7.5 km
   4.5mb (  4 obs.)
 HOKKAIDO, JAPAN REGION           (224)
      Felt (II JMA) at Obihiro.

OBI      0.17 317 eP     49 42.00   -0.6
                  iS     49 54.90
URA      0.78 215 Pc     49 47.30    1.2
                  eS     50 04.00
TSK      7.05 202 eP     51 03.80   -1.9
MAT      7.41 214 eP     51 11.00    0.4
                 (S)     52 53.00
DDR      7.52 207 eP     51 11.40   -0.8
                  S      52 32.10
SRY      7.85 205 eP     51 18.90    2.3
KYS      7.99 199 eP     51 18.70    0.2
OYM      8.04 205 eP     51 17.80   -1.3
INK     48.61  29 ePc    57 54.50    0.0
SOD     60.26 337 iP     59 18.90   -0.2
KJF     62.02 333 eP     59 31.00    0.1
WRA     62.98 190 Pd     59 38.30    0.7
        0.8s      1.70nm          4.0mb
NUR     65.59 332 iP     59 54.20    0.1
        0.5s     14.10nm          5.2mb
UPP     68.45 334 iP     00 12.30    0.3
HFS     69.46 336 eP     00 17.70   -0.6
        0.6s      8.20nm          4.7mb
NAO     69.74 337 P      00 14.20   -5.8X
        0.5s      2.40nm          4.3mb
      S.D. = 1.1  on  15 of  16 obs.

   JUN  20, 19B5  11h 20m 15.20± 0.77s
   42.750 N ± 7.4km   24.064 E ± 7.2km
   DEPTH =  10.0km  (geophysicist)
 BULGARIA                         (359)

VTS      0.65 257 iPgc   20 27.00   -1.2
                  iSg    20 35.00
PLD      0.80 144 ePg    20 30.00   -0.7
                  iSg    20 41.00
PVL      0.90  64 iPc    20 33.00    0.5
                  iSg    20 46.00
MMB      1.19 192 iPgc   20 38.00    0.6
                  Sg     20 58.00
KDZ      1.46 139 iP     20 41.00   -0.6
                  iS     21 03.00
VAY      1.81 218 ePn    20 48.00    1.4
GZR      2.80 341 iPc    21 01.00    0.1
      S.D. = 1.1  on   7 of   7 obs.

?  JUN  20, 1985  11h 36m 2B.16± 2.22s
    6.060 N ±27.6km  126.069 E ±28.2km
   DEPTH =  33.0km  (normal)
   4.9mb (  3 obs.)
 MINDANAO, PHILIPPINE ISLANDS     (259)

MTN     19.44 165 eP     40 56.00    0.9
KNA     21.83 173 iPd    41 21.40    1.7
WRA     27.09 163 Pd     42 09.30   -0.7
        0.4s      2.90nm          4.3mb
WB2     27.10 163 eP     42 08.80   -1.2
MBL     27.73 193 eP     42 16.00    0.2
NAU     30.25 200 eP     42 37.00   -1.4
WBN     32.01 179 eP     42 54.00    0.1
CTA     32.70 143 eP     43 09.00    9.1X
MEK     33.29 192 iPd    43 05.00    0.0
        0.6s     13.00nm          5.0mb
MRWA    36.39 195 eP     43 32.00    0.5
BAL     37.54 193 eP     43 41.00   -0.2
KLB     38.27 191 eP     43 47.00   -0.3
MUN     38.98 193 eP     43 53.00   -0.2
NWAO    39.67 192 eP     43 59 00    0.1
GBA     48.43 283 P      45 10.00    0.3
        0.6s      9.80nm          5.0mb
      S.D. = 0.9  on  14 of  15 obs.

&  JUN  20, 1985  11h 56m 38.70s
   32.690 N          117.100 W
   DEPTH =   9.0km
 CALIFORNIA-MEXICO BORDER REGION ( 45)
      <PAS-P>. ML 2.5 (PAS). Felt at
      San Diego.

CPE      0.19   0 iPc    56 42.80    0.0
SLBC     0.34 335 eP     56 45.10   -0 6
                  eS     56 50.00
BAR      0.36  91 iPc    56 45.80   -0.3
                  eS     56 51.10
CBX      0.53 135 iPd    56 50.00    0.7
                  S      56 58.00
IKP      0.B4  93 iPd    56 54.30   -0.7
                  eS     57 05.70
ENX      0.8B 155 iPc    56 56.30    0.5
                  S      57 08.00
PBX      1.01 161 iPc    56 59.50    1.7
                  S      57 12.30
SDW      1.91   1 eP     57 12.40    0.5
        8 obs. associated

?  JUN  20, 1985  13h 27m 53.64± 5.87s
    6.746 S ±53.6km  130.723 E ±32.5km
   DEPTH =  33.0km  (normal)
   4.8mb (  1 obs.)
 BANDA SEA                        (280)

MTN      6.07 176 eP     29 29.00    5.4X
                  eS     30 42.00
KNA      9.15 192 eP     30 08.00    1.5
        0.3s     73.00nm          6.3mb X
                  eS     31 52.00
WRA     13.58 165 Pd     31 05.90   -0.5
        0.7s     10.20nm          4.8mb
WB2     13.58 165 eP     31 06.00   -0.5
                  eS     33 39.50
ASPA    17.10 170 eP     31 48.00   -3.9X
WBN     19.69 191 eP     32 22.00   -1.2
CTA     20.0B 133 eP     32 28.00    0.7
      S.D. = 1.6  on   5 of   7 obs.

%  JUN  20, 1985  13h 52m 03.22± 0.75s
   60.732 N ± 5.7km    5.553 E ± 7.6km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                  (535)
      DUR 2.2 (BER).

ASK      0.31 215 iPg    52 09.50   -0.1
                  iSg    52 13.70
SUE      0.51 310 iPg    52 13.50    0.0
                  iSg    52 21.60
HYA      0.53  35 iPg    52 14.00    0.0
                  iSg    52 22.70
ODD      0.96 144 iPn    52 21.50    0.0
                  eSn    52 34.00
KMY      1.53 186 iPn    52 30.70    0.1
                  eSn    52 50.80
      S.D. = 0.1  on   5 of   5 obs.

•  JUN  20, 1985  14h 13m 49.04± 1.25s
   35.880 N ± 8.9km  140.128 E ±12.9km
   DEPTH =  33.0km  (normal)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

TSK      0.33 357 iPd    13 57.60    0.4
TOK      0.36 237 P      14 00.70   3:2X
                  S      14 13.70
KYS      0.68 179 eP     14 01.80   -0.4
SRY      0.75 249 eP     14 03.80    0.7
DDR      0.77 279 iPd    14 03.80    0.3
                  S      14 19.10
OYM      0.85 238 iPd    14 04.80    0.1
MAT      1.69 294 iPd    14 15.40   -1.2
                  eS     14 40.00
      S.D. = 0.9  on   6 of   7 obs.

?  JUN  20, 1985  15h 13m 50.48±11.49s
   16.570 S ±68.9km  177.167 E ±67.0km
   DEPTH =  33.0km  (normal)
 FIJI ISLANDS                     (182)

YSA      0.41 108 iPc    13 59.70    0.0
                  iS     14 07.20
```

20d 15h

NDF	1.21	167	P	14	11.30	0.2
			iS	14	27.30	
SGE	1.25	145	iPc	14	11.70	-0.1
NMS	1.78	148	eP	14	19.50	0.0
NGA	1.80	154	eP	14	19.30	-0.4
SVA	1.97	141	iP	14	22.50	0 3

S.D. = 0.3 on 6 of 6 obs.

JUN 20, 1985 15h 25m 33.32± 0.54s
13 654 N ±10.4km 90.514 W ± 8 5km
DEPTH = 33.0km (normol)
4.7mb (14 obs.) 3.0Msz (1 obs.)
NEAR COAST OF GUATEMALA (71)

COM	3.02	329	iP	26	27.00	6.9X
			iS	27	02.00	
PBJ	5.48	301	iP	26	51.00	-3.8X
VHO	6.97	302	iP	27	15.00	-1.0
			iS	28	20.00	
PIO	7.84	291	iP	27	25.00	-3.0
TPM	9.77	304	iP	27	56.00	1.2
OXM	10.43	304	eP	28	02.00	-2.1
UPA	11.72	112	eP	28	26.00	4.6X
	0.8s	23.88nm			5.4mb X	
Z	20s	0.74um				
			eS	31	26.50	
JCT	18.81	334	iP	29	54.50	1.8
	1.0s	17.50nm			4.2mb	
LTX	19.80	324	iP	30	05.20	1.1
	1.0s	23.00nm			4.4mb	
BHO	21.01	350	eP	30	17.00	0.5
PRM	21.64	19	eP	30	26.00	3.1X
RSCP	22.30	11	iP	30	33.10	3.7X
	1.0s	60.00nm			5.0mb	
OCO	22.66	345	e(P)	30	34.50	1.5
TUL	22.66	349	eP	30	33.40	0.4
	1.0s	65.30nm			5.1mb	
Z	22s	0.06um			3.0Msz	
			e	30	55.50	
RLO	22.78	351	eP	30	34.60	0.5
FVM	24.23	0	eP	30	56.00	7.8X
ALO	25.63	329	P	31	03.00	1.2
	1.0s	7.50nm			4.2mb	
GOL	29.06	336	eP	31	33.00	-0.1
	1.0s	2.50nm			3.9mb	
RMU	29.63	326	iP	31	40.00	1.9
TPC	30.83	316	eP	31	49.00	0.4
PLM	30.97	314	eP	31	50.00	0.0
GSC	32.02	317	eP	32	01.00	1.8
MWC	32.27	314	eP	32	02.00	0.5
PAS	32.31	314	eP	32	02.00	0.4
SBB	32.37	315	eP	32	02.00	-0.1
ISA	33.35	316	eP	32	12.00	1.3
RSNY	33.68	21	eP	32	13.50	0.2
	1.0s	9.00nm			4.6mb	
LHC	34.67	1	eP	32	20.50	-1.3
ZOBO	37.06	143	Pc	32	43.20	0.1
			LR	44	42.00	
RSON	37.19	357	iP	32	42.30	-0.8
	0.8s	16.90nm			5.0mb	
NEW	40.95	333	P	33	15.00	0.5
	0.9s	4.20nm			4.2mb	
ATB	41.55	111	e(P)	33	20.70	1.0
FFC	41.95	350	iPc	33	22.30	-0.2
	0.7s	18.00nm			4.9mb	
PNT	42.84	332	iP	33	30.00	0.0
	0.9s	39.00nm			5.1mb	
EDM	43.44	340	ePc	33	34.00	-0.7
SCH	45.06	19	eP	33	47.00	-0.8
YKC	51.66	346	eP	34	38.00	-0.8
YKA	51.70	346	eP	34	38.90	-0.2
FRB	52.34	12	eP	34	42.00	-1.9
SOB1	54.23	112	eP	34	58.90	0.3
VAO	56.08	130	e(P)	35	11.00	-1.0
ITR	56.30	110	e(P)	35	14.00	0.4
INK	61.17	343	ePc	35	45.10	-1.6
MBC	64.43	353	eP	36	06.00	-2.2
	0.8s	11.00nm			5.0mb	
ALE	69.79	4	eP	36	39.00	-2.9X
	0.9s	5.00nm			4.6mb	
EKA	77.40	36	Pd	37	24.70	-1.9
	1.1s	5.40nm			4.5mb	
KIC	84.43	85	eP	38	04.00	-0.5
LOE	146.86	338	ePKP	45	13.50	0.7
HYB	147.30	20	ePKPc	45	15.40	1.8
GBA	150.40	24	PKPc	45	19.20	0.8
	0.6s	8.90nm				

S.D. = 1.2 on 43 of 50 obs.

? JUN 20, 1985 15h 51m 30.49± 6.53s
31.316 S ±37.4km 68.612 W ±44.0km
DEPTH = 111.1 ± 51.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.12	96	iPd	51	46.30	-0.1
			S	51	57.00	
RTCB	0.23	223	iPd	51	46.80	0.1
			S	51	58.00	
CFA	0.43	132	iPd	51	47.40	0.1
			S	51	59.20	
RTCV	0.55	173	iPd	51	48.00	-0.1
			S	52	00.00	
TCA	3.44	91	iPd	52	23.30	0.0

S.D. = 0.2 on 5 of 5 obs.

* JUN 20, 1985 16h 24m 25.14± 0.74s
44.769 N ± 5.3km 110.989 W ±11.2km
DEPTH = 5.0km (geophysicist)
YELLOWSTONE NATIONAL PARK, WYO. (459)
ML 3.0 (BUT).

IMW	0.87	178	eP	24	42.20	-0.4
LCCM	1.24	330	eP	24	48.40	-0.4
			eS	25	04.20	
SXM	1.39	354	eP	24	51.40	0.0
LRM	1.47	316	ePn	24	52.90	0.3
TMI	1.61	205	eP	24	54.50	0.8
BUT	1.67	319	ePg	24	57.00	1.7X
			eSg	25	17.00	
HPI	1.85	236	eP	24	58.20	0.2
BDW	2.24	152	e(P)	25	04.00	0.3

S.D. = 0.3 on 7 of 8 obs.

JUN 20, 1985 16h 58m 03.61± 0.54s
36.554 S ± 7.0km 73.108 W ± 7.5km
DEPTH = 33.0km (normol)
4.7mb (5 obs.)
NEAR COAST OF CENTRAL CHILE (135)

LNV	2.94	29	iPc	58	49.50	0.5
			i	58	55.90	
			iS	59	37.90	
PCH	3.62	37	ePd	58	59.10	0.3
			iS	59	56.60	
PEL	3.94	31	iPd	59	03.50	0.1
			iS	00	04.70	
ROCH	3.97	26	iP	59	03.30	-0.6
			iS	00	09.00	
RFA	4.18	66	eP	59	08.30	1.6
			(S)	00	19.50	
JACH	4.38	29	iPc	59	09.20	-0.5
CFA	6.38	41	ePd	59	37.00	-0.8
TCA	8.78	56	ePd	00	10.00	-1.3
VBA	9.00	103	ePc	00	14.70	0.4
TPZ	15.51	15	Pd	01	56.80	14.8X
ARE	20.06	5	eP	02	38.00	0.7
ZOBO	20.68	14	Pc	02	44.30	0.3
			LR	11	46.00	
VAO	26.30	66	eP	03	37.60	-0.5
SOB1	39.93	55	eP	05	27.30	-9.2X
SPA	53.63	180	e(P)	07	23.70	-0.1
JCT	71.23	336	eP	09	20.50	-0.9
	1.0s	11.50nm			4.9mb	
LTX	71.55	332	eP	09	23.00	-0.4
	0.8s	3.07nm			4.4mb	
BHO	73.43	341	eP	09	33.90	-0.3
TUL	75.12	341	eP	09	50.80	6.8X
	0.8s	19.60nm			5.2mb	
RLO	75.16	342	eP	09	51.30	7.1X
KIC	76.72	72	eP	09	53.80	0.3
RSSD	85.06	338	eP	10	37.30	0.1
	1.0s	5.50nm			4.7mb	
BDW	85.67	334	eP	10	42.50	2.3
	1.0s	2.40nm			4.4mb	
RSON	88.91	347	eP	11	03.10	7.7X
GBA	145.12	123	PKPd	17	38.90	-0.8
PSI	145.51	166	ePKPd	17	40.00	-0.5
HYB	148.54	120	ePKP	17	48.50	3.2X

S.D. = 0.9 on 21 of 27 obs.

JUN 20, 1985 17h 21m 38.27± 0.39s
39.326 N ± 4.3km 25.535 E ± 3.4km
DEPTH = 10.0 ± 2.3 km
3.8mb (1 obs.)

AEGEAN SEA (365)
ML 3.5 (ATH).

PRK	0.58	98	iPgd	21	51.00	1.0
EZN	0.79	51	iPg	21	53.40	-0.2
PAIG	1.55	293	iPb	22	07.10	1.1
OUR	1.56	311	ePb	22	06.10	0.0
IZM	1.64	124	iPn	22	08.40	1.2
ATH	1.96	227	ePn	22	11.00	-0.9
			eSn	22	35.50	
MFT	1.98	42	iPn	22	12.30	0.0
EDC	2.06	60	iPn	22	13.60	0.2
KDZ	2.32	357	iPc	22	17.00	0.0
SRS	2.33	321	ePn	22	16.50	-0.7
			iSn	22	52.50	
DST	2.41	82	iPn	22	18.80	0.4
LIT	2.47	289	ePn	22	19.30	0.0
			eSn	22	46.90	
MMB	2.65	329	iPc	22	21.00	-0.8
			eSg	23	01.00	
DIM	2.72	1	iP	22	22.00	-0.7
			eS	22	55.00	
PLD	2.85	347	iPd	22	26.00	1.5
			iSg	23	10.00	
CTT	2.87	50	iPn	22	23.80	-1.1
GRG	2.90	305	ePn	22	26.30	0.9
VAY	3.02	312	iPn	22	31.30	4.4X
			i	22	38.00	
			iSn	23	15.60	
KZN	3.06	290	ePn	22	28.00	0.4
YER	3.08	134	iPn	22	28.60	0.7
ISK	3.21	56	iPn	22	28.30	-1.4
HRT	3.51	63	iPn	22	33.30	-0.6
VTS	3.72	332	iP	22	38.00	1.1
			iSg	23	36.00	
GPA	3.80	74	ePn	22	38.70	0.5
PVL	3.83	356	iPc	22	39.00	0.5
OHR	4.04	298	eP	23	03.10	21.6X
NPS	4.06	179	ePn	22	40.20	-1.5
SKO	4.09	312	ePn	22	42.00	-0.1
PSN	4.78	24	eP	22	51.00	-1.0
BUC	5.10	5	eP	23	10.00	13.5X
CMP	5.95	357	ePc	23	10.00	1.5
MLR	6.17	3	iPd	23	12.00	0.3
GZR	6.40	342	iPd	23	13.00	-1.9
CVO	6.51	4	eP	23	27.00	10.6X
KHC	13.01	323	P	24	56.00	10.3X
NB2	23.49	342	P	26	47.80	-0.9
	0.9s	2.60nm			3.8mb	
KJF	24.94	2	eP	27	03.00	0.3

S.D. = 1.0 on 32 of 37 obs.

? JUN 20, 1985 17h 28m 54.42± 4.57s
59.381 N ±25.8km 6.706 E ±33.0km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.4 (BER).

ODD	0.57	358	iPg	29	05.10	-0.9
			eSg	29	13.80	
KMY	0.77	258	iPg	29	09.00	-0.4
			iSg	29	20.90	
ASK	1.34	326	iPg	29	19.50	0.4
			iSg	29	39.00	
HYA	1.81	352	iPn	29	26.50	0.7
			eSn	29	50.50	
SUE	1.94	331	ePn	29	28.00	0.3
			iSn	29	53.00	

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

? JUN 20, 1985 17h 52m 45.99± 3.87s
3.016 S ±41.1km 129.441 E ±58.5km
DEPTH = 33.0km (normol)
3.7mb (1 obs.)
CERAM (272)

MTN	9.91	170	iPc	55	10.90	1.6
			eS	56	09.00	
KNA	12.67	183	eP	55	46.00	-0.7
	0.3s	18.00nm			5.6mb X	
			eS	57	18.00	
WRA	17.49	164	Pc	56	49.00	-0.1
	0.4s	2.50nm			3.7mb	
W82	17.49	164	eP	56	48.20	-1.0
			e	56	52.80	
			eS	59	14.70	
M8L	20.32	207	eP	57	29.00	6.9X

ASPA 20.98 169 eP 57 32.00 3.0X
eS 00 38.00
MAW 78.44 201 eP 04 45.00 0.2
S.D. = 1.5 on 5 of 7 obs.

JUN 20, 1985 17h 57m 41.96± 0.95s
39.785 N ±11.5km 24.502 E ± 6.0km
DEPTH = 17.9 ± 6.8 km
AEGEAN SEA (365)

PAIG 0.65 283 iPg 57 54.30 -0.1
SOH 1.36 320 ePg 58 06.20 0.1
eSg 58 22.90
EZN 1.41 88 iPn 58 06.40 -0.3
SRS 1.50 333 ePg 58 07.50 -0.6
eSg 58 26.10
LIT 1.58 282 ePg 58 09.40 0.2
eSg 58 29.50
KNT 1.84 319 ePg 58 13.60 0.6
eSg 58 34.20
MMB 1.90 342 iPc 58 13.00 -0.8
Sg 58 35.00
KDZ 1.96 19 iPc 58 14.00 -0.8
iS 58 37.00
VAY 2.13 317 iPn 58 22.00 4.9X
PLD 2.32 4 iPd 58 28.00 8.1X
iS 58 58.00
MFT 2.35 64 ePn 58 22.00 1.6
IZM 2.56 122 ePn 58 26.90 3.6X
EDC 2.64 77 ePn 58 29.10 4.6X
VTS 2.98 341 eP 58 30.00 0.8
DST 3.19 92 ePn 58 31.60 -0.7
PVL 3.40 8 eP 58 45.00 9.9X
S.D. = 0.9 on 11 of 16 obs.

? JUN 20, 1985 18h 23m 24.34± 4.53s
10.484 S ±17.5km 40.207 E ±57.5km
DEPTH = 10.0km (geophysicist)
TANZANIA (573)

CLK 7.25 224 iPn 25 13.50 0.4
iSn 26 41 00
eSg 27 28.00
NAI 9.75 339 eP 25 48.00 0.0
0.6s 15.33nm 5.6mb X
MTD 10.46 232 iPn 25 58.00 0.4
eSn 28 00.00
eLg 29 14.00
KRI 12.07 237 iPn 26 19.00 -0.6
eSn 28 39.00
LSZ 12.65 247 iP 26 27.50 0.2
i 28 51.00
BUL 14.73 228 iPnd 26 54.30 -0.5
eLg 31 25.40
S.D. = 0.6 on 6 of 6 obs.

& JUN 20, 1985 21h 30m 13.76s
60.221 N 152.598 W
DEPTH = 96.4km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM 0.12 250 iP 30 27.02 1.1
iS 30 37.77
RDT 0.37 15 iP 30 28.14 -0.5
iS 30 39.58
NNL 0.68 105 iP 30 31.41 0.5
NKA 0.85 52 iP 30 33.77 1.2
eS 30 47.24
AUL 0.94 207 eP 30 33.26 -0.3
SPU 1.00 15 iP 30 33.46 -0.8
CRP 1.07 12 iP 30 34.48 -0.7
CGLM 1.13 15 iP 30 34.98 -0.8
SLKM 1.22 75 eP 30 36.04 -0.7
SUA 1.54 35 iP 30 40.34 -0.5
eS 31 01.15
SEW 1.58 93 eP 30 40.31 -0.9
eS 30 58.66
MPA 1.63 79 eP 30 40.71 -1.2
iS 30 55.41
SVW 1.73 302 iP 30 41.31 -2.0
PMS 1.81 54 iP 30 43.37 -0.9
iS 31 06.22
SKT 1.84 16 eP 30 43.27 -1.4
PTE 1.88 68 iP 30 43.34 -1.7
iS 31 06.33
KNK 2.36 58 eP 30 49.35 -2.1
iS 31 17.60
GHO 2.37 47 eP 30 50.03 -1.7
eS 31 17.75
MSE 2.40 46 eP 30 49.90 -2.3
eS 31 17.86
CFI 2.56 66 eP 30 52.04 -2.2
MTG 2.58 95 eP 30 53.39 -1.0
SML 2.62 51 iP 30 52.61 -2.4
GLI 2.80 74 eP 30 53.76 -3.7
VZW 3.09 72 eP 30 57.66 -3.9
VLZ 3.22 71 eP 31 01.77 -1.3
KLU 3.51 66 iP 31 04.23 -3.0
KMP 3.92 67 eP 31 09.93 -3.0
27 obs. associated

* JUN 20, 1985 22h 43m 27.96± 3.57s
32.332 S ±15.2km 71.728 W ±31.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH 0.88 137 iPc 43 44.40 0.2
JACH 1.02 110 iP 43 45.10 -1.0
PEL 1.19 133 iPc 43 48.90 0.4
LNV 1.64 171 iPd 43 54.50 -0.3
iS 44 15.70
PCH 1.64 142 iPd 43 55.10 0.1
MDZ 2.49 104 iP 44 08.50 1.4X
iS 44 40.00
RTCB 2.63 72 ePd 44 08.80 -0.3
S 44 41.60
ZON 2.71 74 eP 44 12.00 1.8
RTCV 2.75 81 ePd 44 11.00 0.3
S 44 45.00
RTLL 2.95 71 ePc 44 12.70 -0.9
S 44 48.00
CFA 3.05 77 ePc 44 14.50 -0.6
S 44 51.50
TCA 6.15 83 iPd 44 54.90 -4.1X
S 46 01.00
SLA 9.35 37 e(P) 45 52.00 8.4X
S.D. = 0.9 on 10 of 13 obs.

JUN 20, 1985 23h 49m 43.99± 1.39s
37.051 N ± 8.0km 71.239 E ± 7.1km
DEPTH = 50.6 ± 14.8 km
4.6mb (8 obs.)
AFGHANISTAN-USSR BORDER REGION (717)
Felt (III) at Khorog, USSR.

KSH 4.44 56 Pn 50 58.00 7.4X
Sn 51 51.00
QUE 7.72 209 eP 51 38.00 1.3
eS 53 52.00
MHI 9.47 269 eP 51 59.00 -1.6
eS 53 36.00
NDI 9.74 147 eP 52 04.50 0.3
iS 53 46.50
KHI 10.66 258 e(P) 52 11.00 -6.0X
AJM 11.07 165 iP 52 23.00 0.7
iS 54 17.00
WMQ 14.23 57 eP 53 06.00 1.7
KKN 15.01 124 eP 53 12.80 -1.9
0.7s 29.00nm 4.6mb
DMN 15.02 125 eP 53 13.40 -1.4
0.6s 22.00nm 4.6mb
PKI 15.24 124 eP 53 16.30 -1.5
0.6s 16.00nm 4.4mb
LSA 18.16 108 Pd 53 55.60 1.1
HYB 20.60 160 eP 54 22.00 0.6
SHL 20.98 117 iP 54 26.00 0.6
eS 58 04.00
GTA 22.53 75 P 54 42.80 2.1X
GBA 24.00 165 Pd 54 56.50 1.6
0.8s 15.70nm 4.6mb
NUR 37.50 324 iP 56 55.20 1.0
e 57 15.00
KJF 37.50 330 eP 56 55.00 0.8
SOD 39.32 335 eP 57 08.00 -1.4
UPP 40.76 322 iP 57 42.10 20.8X
BRG 42.43 308 eP 57 56.50 21.3X
1.2s 10.00nm
N82 44.06 323 P 57 48.00 -0.3
0.9s 12.30nm 4.6mb
MTD 65.30 222 iPc 00 23.00 0.0
MBC 66.78 3 ePc 00 31.80 0.1
0.7s 7.00nm 4.8mb
pP 00 53.50 84kmX
BUL 69.65 223 iPc 00 50.20 -0.2
INK 73.35 9 eP 01 11.00 -0.7
YKA 80.69 3 eP 01 54.10 1.6
YKC 80.71 3 eP 01 52.00 -0.6
0.9s 13.00nm 4.9mb
WRA 82.12 122 Pd 01 59.10 -1.6
0.8s 1.90nm 4.2mb
WB2 82.13 122 eP 02 00.70 -0.1
S.D. = 1.2 on 24 of 29 obs.

JUN 21, 1985 00h 15m 20.54± 0.38s
38.625 N ± 3.5km 23.585 E ± 3.1km
DEPTH = 9.0 ± 1.8 km
3.6mb (1 obs.)
GREECE (364)
ML 3.5 (KBN). Felt on Evvoia.

ATH 0.66 171 ePg 15 33.00 -0.7
eSg 15 40.50
PAIG 1.30 3 iPg 15 45.20 0.5
LIT 1.70 330 iPb 15 50.40 -0.1
OUR 1.73 10 iPb 15 51.50 0.5
THE 2.06 347 iPn 15 55.30 -0.4
PRK 2.19 73 ePn 15 58.00 0.5
KZN 2.19 321 ePn 15 58.00 0.3
eSg 16 34.00
SOH 2.20 355 iPn 15 58.00 0.2
iSn 16 25.70
VLS 2.40 260 ePn 16 01.00 0.4
EZN 2.44 60 iPn 16 00.50 -0.7
SRS 2.49 0 iPn 16 01.80 -0.1
eSn 16 30.20
GRG 2.50 339 ePn 16 91.80 -0.2
KNT 2.59 348 iPn 16 03.70 0.4
eS 16 34.30
VAY 2.80 344 iPn 16 06.40 0.1
IZM 2.89 93 iPn 16 08.10 0.4
MMB 2.96 2 iPc 16 08.00 -0.6
OHR 3.28 320 iPn 16 13.90 0.7
KDZ 3.30 24 iPd 16 13.00 -0.4
KGT 3.40 56 ePn 16 14.90 0.0
MFT 3.58 52 ePn 16 17.00 -0.4
PLD 3.58 13 eP 16 20.00 2.7X
SKO 3.72 335 ePn 16 20.00 0.6
EDC 3.73 61 iPn 16 20.10 0.5
DIM 3.74 23 eP 16 22.00 2.3X
VTS 3.98 356 iP 16 24.00 1.0
YER 4.00 110 iPn 16 24.20 0.8
KCT 4.03 65 iPn 16 23.90 0.1
DST 4.04 74 iPn 16 24.00 0.0
PVL 4.67 14 iPc 16 33.00 0.1
ISK 4.87 58 ePn 16 53.00 17.3X
CMP 6.73 9 ePc 17 07.00 5.1X
GZR 6.79 355 ePd 17 02.00 -0.8
MLR 7.08 14 ePd 17 06.00 -1.0
VRI 7.60 17 eP 17 15.00 0.9
NB2 23.73 345 P 20 32.80 -0.7
0.5s 1.00nm 3.6mb
S.D. = 0.6 on 31 of 35 obs.

JUN 21, 1985 00h 18m 42.06± 6.60s
31.485 S ±36.2km 68.609 W ±44.3km
DEPTH = 115.3 ± 52.3 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 0.16 269 iPd 18 58.70 0.1
S 19 10.20
RTLL 0.20 38 iPd 18 58.50 -0.1
S 19 19.00
CFA 0.34 111 iPd 18 59.00 0.1
S 19 11.20
RTCV 0.38 171 iPd 18 59.00 -0.1
S 19 10.50
TCA 3.44 89 ePc 19 34.90 0.0
S 20 14.30
S.D. = 0.2 on 5 of 5 obs.

* JUN 21, 1985 00h 44m 43.19± 0.66s
14.200 N ±11.9km 92.175 W ± 8.8km
DEPTH = 33.0km (normal)
4.6mb (26 obs.) 2.9Msz (1 obs)
NEAR COAST OF CHIAPAS, MEXICO (69)

COM 2.04 1 iP 45 03.00 -13.1X
iS 45 37.00
PBJ 3.83 306 iP 45 25.00 -16.3X
VHO 5.33 305 iP 45 48.00 -14.7X

21d 00h

		iS	46 56.00		
TPM	8.14	307 iP	46 41 00	-1.2	
JCT	17.66	338 eP	48 50.20	1.8	
	1.1s	28.48nm		4.3mb	
BOG	20.22	116 eP	49 22.50	3.7X	
		eS	53 21.00		
BHO	20.24	354 iP	49 19.00	0.6	
OCO	21.76	348 eP	49 34.80	0.9	
TUL	21.86	352 eP	49 35.60	0.7	
	1.1s	36 10nm		4 7mb	
	Z 18s	0.04um		2.9Msz	
RLO	22.02	354 eP	49 37.50	1.0	
ALO	24.34	331 eP	50 00.00	0.6	
	0.9s	9.45nm		4.3mb	
GLA	27.87	316 eP	50 31.00	-1.1	
TPC	29.32	317 eP	50 45.00	-0.1	
PLM	29.43	315 eP	50 46.00	-0.3	
RVR	30.15	315 iPc	51 03.30	10.9X	
RVR	30.15	315 eP	50 40.00	-12.4X	
MWC	30.74	315 iPc	51 13.20	15.3X	
SBB	30.85	316 iPc	51 15.20	16.5X	
EUR	32.74	325 iP	51 16.00	0.6	
	0.5s	3.06nm		4.5mb	
OTT	34.07	21 ePd	51 26.80	0.2	
	1.0s	45.00nm		5.4mb	
MNT	34.92	23 eP	51 34.00	0.1	
LRM	35.86	336 ePd	51 43.40	1.2	
FFC	41.15	351 eP	52 28.00	2.1X	
PNT	41.62	333 eP	52 31.00	1.2	
	0.8s	17.00nm		4.8mb	
EDM	42.39	341 eP	52 35.50	-0.6	
SCH	45.10	21 eP	52 57.00	-1.0	
YKC	50.75	347 eP	53 42.00	0.2	
	0.7s	38.00nm		5.5mb	
FRB	52.16	13 ePc	53 50.90	-1.5	
SOB1	55.93	112 eP	54 21.80	0.9	
ITR	58.00	110 eP	54 37.40	1.9	
	0.8s	4.20nm		4.6mb	
INK	60.18	344 iPc	54 49.00	-0.9	
MBC	63.69	353 eP	55 12.50	-0.8	
	0.9s	15.00nm		5.1mb	
DAG	72.48	13 iPc	56 07.00	-1.0	
	0.5s	14.08nm		5.2mb	
EKA	77.90	36 Pc	56 38.80	-0.4	
	0.7s	10.80nm		5.0mb	
LPF	80.34	43 eP	56 52.80	0.2	
	0.8s	5.30nm		4.6mb	
GRR	80.40	43 eP	56 52.80	-0.1	
	0.8s	7.70nm		4.8mb	
FLN	80.57	42 eP	56 53.80	0.0	
	0.8s	5.30nm		4.6mb	
LFF	82.15	46 eP	57 01.90	-0.3	
	0.8s	7.70nm		4.8mb	
RJF	82.61	45 eP	57 04.30	-0.3	
TCF	82.87	44 eP	57 05.10	-0.8	
	0.8s	2.40nm		4.3mb	
CAF	83.07	46 eP	57 07.10	0.1	
	1.0s	4.80nm		4.6mb	
MZF	83.13	44 eP	57 06.80	-0.5	
	0.6s	2.50nm		4.5mb	
BGF	83.23	44 eP	57 07.20	-0.6	
	0.6s	3.80nm		4.7mb	
AVF	83.52	43 eP	57 08.70	-0.5	
	0.7s	2.20nm		4.4mb	
SSF	83.56	43 eP	57 08.70	-0.7	
	0.6s	3.60nm		4.7mb	
LOR	83.74	43 eP	57 09.90	-0.5	
	0.8s	3.20nm		4.5mb	
SMF	83.88	44 eP	57 10.50	-0.6	
	0.6s	1.80nm		4.4mb	
LBF	83.89	43 eP	57 10.30	-0.8	
	1.0s	3.80nm		4.5mb	
NB2	84.05	28 P	57 12.60	0.9	
	0.7s	1.20nm		4.2mb	
HAU	85.18	42 eP	57 17.00	-0.6	
	0.6s	3.40nm		4.7mb	
CDR	85.96	46 eP	57 17.40	-4.1X	
KIC	85.99	84 eP	57 23.80	1.6	
SOD	87.48	20 eP	57 28.00	-0.5	
KJF	89.56	22 eP	57 39.00	0.6	
BUL	123.36	105 iPKPc	03 43.30	3.8X	
KRI	124.02	101 iPKPc	03 45.00	4.1X	
MTD	125.89	101 iPKPc	03 49.00	4.6X	
LOE	145 73	336 ePKP	04 18.50	-2 4X	
HYB	147.28	17 ePKP	04 26.00	2.6X	
GBA	150.52	21 PKPd	04 33.80	5.4X	
	0.8s	14.90nm			

S.D. = 0.9 on 44 of 60 obs.

& JUN 21, 1985 00h 50m 59.20s
33.990 N 117.170 W
DEPTH = 14.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.3 (PAS). Felt (III) at Sunnymead and (II) at San Bernardino. Also felt at Riverside.

SDW	0.62	7 iP	51 10.60	-0.8	
TPC	0.94	83 iPd	51 16.30	-0.5	
SLBC	0.99	185 iP	51 16.50	-1.1	
		eS	51 29.60		
CPE	1.11	177 eP	51 18.30	-1.3	
GSC	1.34	13 iPc	51 23.00	-0.6	
CBX	1.73	166 iPd	51 30.50	1.6	
		S	51 52.90		
VPEM	2.03	345 eP	51 32.30	-1.1	
WKTM	2.08	330 eP	51 33.00	-1.2	
ENX	2.14	168 iPd	51 37.25	2.3	
		S	52 04.75		
GLA	2.17	115 eP	51 33.20	-2.2	
BLP	2.73	283 eP	51 41.40	-2.0	
JAS1	4.73	327 P	52 10.60	-1.2	
	12 obs. assaciated				

• JUN 21, 1985 02h 29m 05.33± 0.89s
10.628 S ±11.8km 41.091 E ±14.4km
DEPTH = 10.0km (geophysicist)
4.5mb (2 obs.)
NORTHWEST OF MADAGASCAR (574)

CLK	7.79	229 iPn	31 02.20	0.6	
		iSn	32 26.20		
		eSg	33 11.00		
NAI	10.22	335 eP	31 36.00	0.6	
	0.8s	24.63nm		5.7mb X	
MTD	11.08	235 iPn	31 47.00	0.0	
		eSn	33 46.00		
		eLg	34 55.00		
KRI	12.74	240 iPn	32 25.00	15.5X	
		iSn	34 25.00		
LSZ	13.40	248 iP	32 16.70	-1.5	
		iS	34 36.00		
		iLg	36 12.00		
BUL	15.29	230 iPnd	32 44.00	0.8	
		eLg	37 11.20		
GBA	43.36	57 Pc	37 09.60	-0.1	
	0.2s	2.50nm		4.6mb	
NUR	72.10	352 eP	40 32.00	0.5	
SUF	74.03	353 eP	40 43.00	0.2	
	0.6s	1.90nm		4.3mb	
KJF	75.30	354 eP	40 49.00	-1.0	
	S.D = 0.9	on 9 of 10 obs.			

JUN 21, 1985 02h 33m 07 06± 1.32s
42.460 N ± 8.2km 112.583 E ± 6.3km
DEPTH = 28.5 ± 10.8 km
4.4mb (3 obs.)
NORTHEASTERN CHINA (658)

HHC	1.78	206 Pgc	33 37.50	1.0	
		Sg	34 00.00		
BTO	2.68	227 Pn	33 49.00	-0.3	
		Pg	33 53.00		
		Sg	34 28.00		
BJI	3.63	131 ePn	34 02.00	-0.7	
		Pg	34 12.00		
		Sg	34 59.00		
TIY	4 74	181 Pn	34 18.60	0.0	
		Pg	34 31.20		
		Sg	35 32.20		
TIA	7.16	149 Pn	34 51.60	-1.0	
		Pg	35 16.20		
		Sg	36 51.60		
DL2	7.74	114 eP	35 03.80	3.3X	
SNY	8.20	91 Pc	35 07.50	0.5	
		Lg	37 25.10		
XAN	8.89	200 eP	35 15.90	-0.7	
LZH	9.29	230 Pn	35 21.00	-1.3	
		Pg	35 55.00		
		Sg	37 21.00		
		Lg	37 51.00		
		e	37 58.00		
CN2	9.50	78 eP	35 23.50	-1.6	
		eS	37 11.00		
		Lg	37 58.00		
		e	38 12.80		
GTA	10.13	257 P	35 28.90	-4.9X	
		Lg	38 18.80		
MDJ	12.53	74 eP	36 06.00	-0.2	
		Lg	39 37.00		
		e	39 57.00		
CD2	13.52	214 eP	36 20.70	1.3	
WMO	18.20	283 iPc	37 22.00	2 8X	
KMI	19.10	208 eP	37 29.50	-1.0	
MAT	20.60	98 (P)	37 51.00	4.6X	
LSA	21.43	240 eP	37 51.40	-4.0X	
KKN	26.56	245 eP	38 44.20	-0.4	
	0.8s	17.00nm		4.7mb	
DMN	26.79	245 eP	38 46.50	-0.3	
SOD	50.18	330 iP	42 05.00	3.4X	
KJF	50.67	326 eP	42 05.00	-0.4	
SUF	51.82	324 eP	42 17.00	2.9X	
	0.7s	2.00nm		4.2mb	
NUR	53.29	322 eP	42 16.00	-9.2X	
MBC	57.05	13 eP	42 53.00	0.7	
NB2	58.90	326 P	43 03.60	-1 9	
	0.9s	3.00nm		4.4mb	
INK	59.16	23 eP	43 09.00	1.9	
YKA	68.76	21 eP	44 16.00	6.0X	
	S.D. = 1.1	an 18 af 27 abs.			

? JUN 21, 1985 02h 36m 51.21± 4.25s
10.793 S ±18.3km 39.779 E ±55.0km
DEPTH = 10.0km (geophysicist)
TANZANIA (573)

CLK	6.74	223 iPn	38 33.50	0.7	
		iSn	39 56.50		
NAI	9.91	342 eP	39 17.00	0.0	
	0.5s	15.49nm		5.7mb X	
MTD	9.94	232 iPn	39 17.00	-0.3	
		eSn	41 14.00		
KRI	11.55	238 iPn	39 40.00	0.6	
		iSn	41 57.00		
LSZ	12.14	247 iP	39 47.20	-0.2	
		iS	42 11.00		
BUL	14.21	228 iPnd	40 14.00	-0.9	
		eLg	44 37.00		
	S.D. = 0.8	on 6 of 6 obs.			

JUN 21, 1985 04h 31m 13.43± 1.10s
28.437 S ± 5.5km 175.953 W ± 4.4km
DEPTH = 46.7 ± 9.0 km
5.4mb (24 abs.) 5.9Msz (16 obs.)
KERMADEC ISLANDS REGION (177)
Ms 6.3 (BRK). Felt on Raoul Island.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 29C
Centroid Location:
Origin Time 04:31:16.0 0.2
Lat 28.62S 0.03 Lon 175.50W 0.03
Dep 22.4 1.5 Half-duration 3.4
Moment Tensor; Scale 10**25 D-CM
Mrr=-0.75 0.02 Mtt=-0.45 0.02
Mff= 1.20 0.02 Mrt=-0.16 0.03
Mrf= 0.14 0.05 Mtf= 0.13 0.02
Principal Axes:

	Val=	Plg=	Azm=
T	1.21	4	274
N	-0.38	24	182
P	-0.83	66	12

Best Double Couple:Mo=1.0*10**25
NP1:Strike= 28 Dip=46 Slip= -56
NP2: 163 53 -121

RAO	1.91	244 P	31 45.00	1.0	
NUE	10.83	32 P	33 30.00	-18.7X	
		S	35 23.00		
GNZ	11.35	205 P	33 50.00	-5.7X	
		S	35 53.00		
CRZ	11.40	236 P	33 58.00	1.6	
SVA	11.48	332 eP	33 58.00	0.4	
KRP	11.84	215 P	33 59.00	-3.3X	
		eS	36 06.00		
SGE	12.18	331 iPc	34 07.00	0.0	
NDF	12.24	329 eP	34 09.30	1.6	
YSA	13.12	332 eP	34 17.00	-2.4	
MNG	14.04	208 P	34 21.50	-9.9X	
		i	36 44.00		

			S	36 52.00	
WEL	14.90	208	P	34 47.00	4.5X
Z	18s		20.62um		
			S	37 11.00	
AFI	14.97	16	P	34 39.00	-4.7X
			S	37 11.00	
TCW	15.05	210	eP	34 34.00	-10.5X
			S	37 14.70	
NOU	17.02	287	iPd	35 15.10	5.3X
PVC	17.95	303	iPc	35 23.00	1.8
KOU	19.60	289	iPc	35 41.90	1.2
MSZ	20.68	214	P	35 49.80	-2.0
			pP	36 04.20	65kmX
			S	39 24.00	
AFR	26.37	71	eP	36 47.00	-0.2
	1.0s		110.00nm		5.4mb
PAE	26.47	72	eP	36 48.00	-0.1
	1.0s		130.00nm		5.5mb
PPT	26.52	72	eP	36 48.00	-0.6
	1.0s		135.00nm		5.5mb
PPN	26.66	72	eP	36 49.00	-0.9
	1.0s		85.00nm		5.3mb
TVO	26.69	72	eP	36 50.00	-0.2
	1.0s		120.00nm		5.5mb
BRS	27.62	265	iPc	36 59.00	0.4
			e(pPP)	37 05.00	
			iPP	37 52.00	
RUV	29.53	70	eP	37 08.00	-7.8X
	1.0s		15.00nm		4.6mb
RMQ	31.31	265	eP	37 32.00	0.5
TAU	32.86	234	eP	37 46.00	1.1
			eS	43 13.00	
CMS	33.14	255	eP	37 48.00	0.6
	1.0s		69.00nm		5.5mb
TOO	33.40	244	eP	37 50.00	0.3
CTA	35.33	275	iPc-	38 06.50	0.1
	1.1s		22.15nm		5.0mb
			iS	43 09.00	
STK	36.70	254	eP	38 18.00	0.2
RAB	38.71	303	eP	38 32.00	-2.9
ADE	38.86	249	iPd	38 37.20	1.2
PMG	39.47	291	eP	38 40.00	-1.2
LAT	41.17	295	e(P)	39 03.00	7.9X
MDG	42.98	295	eP	39 09.00	-0.9
ASPA	45.05	264	eP	39 25.00	-1.7
			eS	46 01.00	
WB2	45.85	269	iPc	39 31.20	-1.8
			eS	46 14.00	
WRA	45.86	269	Pc	39 31.60	-1.5
	0.8s		20.70nm		5.1mb
DRV	46.63	202	eP	39 38.60	0.1
SBA	50.13	185	iPd-	40 07.80	2.3
	2.9s		1100.00nm		6.4mb
Z	20s		2.84um		5.3Msz
WBN	50.71	258	eP	40 08.00	-2.7
KNA	52.35	272	eP	40 22.00	-1.2
PJG	56 41	312	eP	40 52.00	-0.8
RKG	56.68	246	eP	40 53.00	-1.5
KLB	56.69	249	eP	40 52.00	-2.6
NWAO	56.78	248	eP	41 02.00	6.8X
			eS	48 52.00	
MEK	57 45	255	eP	40 58.00	-2.1
MBL	58.16	262	eP	41 03.00	-2.1
MRWA	58.81	251	eP	41 08.00	-1.6
NAU	61.42	258	eP	41 26.00	-1.5
SPA	61.72	180	iPd	41 29.20	0.0
	0 8s		57.92nm		5.8mb
Z	19s		5.11um		5.7Msz
			e	41 45.20	
DAV	66.49	293	eP	42 00.00	-0.7
CGP	67.98	293	eP	42 09.50	-0.6
KKM	73.68	286	ePc	42 44.40	-0.2
MAW	74.76	200	eP	42 51.00	1.1
BAG	75.84	298	eP	42 57.00	-0.1
MAT	77.68	324	(P)	43 06.00	-0.7
	1.0s		18.00nm		5.1mb
Z	20s		1.77um		5.4Msz
			eS	53 03.00	
SHK	79.24	319	eP	43 15.00	-0.3
ADK	79.97	360	P	43 19.00	0.3
ANP	80.35	305	eP	43 24.00	2.4X
SYP	81.98	44	eP	43 31.00	1.1
QZH	82.33	304	eP	43 32.80	1.0
PRS	82.37	42	e(P)	43 31.80	0.0
PRI	82.66	42	eP	43 33.40	0.0
KGM	82.80	276	ePd	43 34.80	0.3
BAR	82.83	47	eP	43 34.00	-0.3

PAS	82.84	45	eP	43 35.00	0.8
Z	20s		5.10um		5.9Msz
			eS	54 00.00	
			ePS	55 07.00	
			eSS	58 58.00	
			eSSS	02 44.00	
			eSKKP	05 38.00	
			eLg	06 06.00	
			eLR	06 58.00	
MHC	82.91	41	e(P)	43 34.50	-0.2
BKS	82.95	40	iPd	43 35.20	0.5
	1.0s		54.00nm		5.5mb
Z	20s		11.00um		6.2Msz
N	20s		8.00um		
E	20s		8.00um		
			e	43 36.20	
			e(PcP)	44 10.40	
			e	45 11.60	
			eS	54 00.00	
			e	54 18.00	
			e(PPS)	55 24.00	
			eSS	58 56.00	
			eLQ	04 53.20	
			eLR	09 07.20	
MWC	82.96	45	eP	43 35.00	-0.1
PLM	83.14	46	eP	43 35.00	-1.1
RVR	83.23	46	eP	43 37.00	0.7
SBB	83.41	45	eP	43 37.00	-0.2
ISA	83.65	44	eP	43 38.00	-0.4
JAS1	84.02	41	ePd	43 40.00	-0.2
TPC	84.14	46	eP	43 41.00	0.1
HKC	84.15	299	eP	43 43.00	1.9
SSE	84.19	310	P-	43 42.00	0.9
Z	28s		3.00um		5.5MszX
N	14s		1.80um		
E	24s		2.60um		
			i	44 16.00	
			S	54 08.00	
			sS	54 30.00	
GLA	84.26	48	eP	43 42.00	0.5
CLC	84.29	44	eP	43 41.00	-0.6
GSC	84.44	45	eP	43 43.00	0.6
ORV	84.53	39	ePd	43 42.20	-0.5
WDC	84.67	38	eP	43 42.20	-1.2
MIN	85.02	39	eP	43 44.40	-0.9
GZH	85.22	299	Pd	43 48.50	2.0
			pP	44 04.50	56kmX
MNA	85.68	42	eP	43 48.10	-0.5
IPM	86.04	277	ePc	43 51.90	1.1
	1.0s		28.40nm		5.5mb
			e	44 07.90	
PCH	86.25	126	eP	43 51.50	-0.2
NJ2	86.35	309	Pd	43 53.00	1.1
PEL	86.38	126	eP	43 51.50	-0.8
PSI	86.98	275	ePc	43 54.40	-1.0
	1.0s		67.60nm		5.8mb
BMN	87.54	41	eP	43 57.10	-0.6
	1.0s		17.50nm		5.3mb
EUR	87.65	42	iP	43 47.60	-10.8X
	0.3s		13.46nm		
TPM	87.95	67	iP	44 03.00	2.9X
MDJ	88.05	324	eP	43 59.00	-0.8
KDC	88.09	12	eP	44 01.50	1.8
WHN	88.62	306	P	44 04.00	1.2
DL2	88.75	316	P	44 06.50	3.2X
			eS	54 40.00	
VHO	88.97	70	iP	44 05.00	0.0
RMU	89.23	46	eP	44 07.00	1.2
SNY	89.44	319	eP	44 06.80	0.3
CN2	89.68	322	Pd	44 07.60	0.0
LTX	89.82	56	eP	44 09.00	0.3
	1.2s		46.38nm		5.7mb
PGC	89.95	32	eP	44 09.00	0.4
TIA	89.97	312	Pd	44 10.40	1.3
ALQ	90.95	50	eP	44 13.50	-0.4
	1.2s		35.16nm		5.6mb
Z	21s		4.93um		5.9Msz
LOE	91.63	289	eP	44 18.00	0.9
TCA	91.68	127	ePd	44 16.80	-0.6
GYA	92.15	299	P	44 21.40	1.9
			pP	44 38.00	58kmX
			S	55 05.00	
PNT	92.22	33	eP	44 19.00	-0.2
PMR	92.30	12	P	44 20.00	0.8
	1.1s		20.00nm		5.5mb
PME	92.35	13	eP	44 18.50	-1.0
	1.0s		15.00nm		5.4mb

Z	20s		2.50um		5.7Msz
TTA	92.43	9	eP	44 20.00	0.1
NEW	92.74	35	eP	44 21.00	-0.6
BJI	92.80	315	eP	44 20.00	-2.0
			epP	44 34.00	47kmX
			S	55 31.00	
			sS	55 48.00	
			ePS	56 58.00	
JCT	93.27	57	eP	44 23.10	-1.4
	1.0s		17.50nm		5.4mb
Z	18s		8.59um		6.2Msz
BDW	93.48	43	eP	44 25.00	-0.4
	1.0s		8.40nm		5.1mb
LRM	93.66	39	eP	44 25.60	-0.6
TIY	93.91	311	eP	44 28.80	1.5
			SKS	54 57.00	
TPZ	94.06	117	(P)	44 21.00	-7.8X
GOL	94.33	47	eP	44 31.00	1.6
	1.2s		9.84nm		5.1mb
Z	20s		4.75um		6.0Msz
XAN	94.37	306	eP	44 30.00	0.5
GLD	94.45	47	eP	44 32.00	2.1
Z	20s		6.50um		6.1Msz
KMI	94.55	296	P	44 32.50	1.8
CHG	94.62	289	eP	44 33.00	2.1
FBA	95.58	12	eP	44 33.30	-1.0
IMA	95.74	9	eP	44 35.00	-0.2
HHC	96.17	313	eP	44 39.00	1.3
CD2	96.57	301	eP	44 42.00	2.4X
BTO	97.04	312	P	44 42.00	0.5
SES	97.18	36	eP	44 41.00	-0.8
LPB	97.18	113	(P)	44 46.00	2.8X
ZOBO	97.30	113	Pc	44 46.20	2.3X
			LR	55 03.00	
RSSD	97.57	44	iP	44 42.60	-1.4
	1.0s		30.00nm		5.8mb
EDM	97.75	33	eP	44 43.00	-1.3
LZH	99.00	306	eP	44 54.00	3.4X
UPA	99.83	85	e(P)	45 00.00	5.4X
			e	49 18.00	
			e	54 18.00	
INK	101.42	15	ePdiff	44 57.00	-3.6X
GTA	103.35	308	ePdiff	45 11.20	1.1
MBC	110.11	12	ePKP	49 34.00	-6.5X
SWZ	121.05	202	ePKP	50 03.00	-0.1
SOB1	122.69	124	ePKP	50 06.00	-0.4
QUE	125.76	288	ePKP	50 12.50	0.3
BUL	126.19	209	iPKPc	50 13.00	-0.2
			i	51 52.90	
GDH	127.65	22	ePKP+	50 15.00	0 7
Z	18s		3.09um		6.0Msz
			e	52 14.00	
KRI	128.65	212	ePKP	50 19.00	1 1
MHI	133.06	294	ePKP	50 27.00	1.3
			e	52 52.00	
			eS	03 24.00	
SOD	138.72	347	ePKP	50 36.00	2.7X
KJF	141.16	344	ePKP	50 34.00	-5.8X
	0.6s		7.80nm		
			ePP	53 40.00	
			ePKS	54 16.00	
			ePS	03 48.00	
			esSS	12 16.00	
SUF	142.79	343	ePKP	50 37.00	-5.7X
	1.0s		14.50nm		
TAB	143.63	296	ePKP	50 42.00	-3.1X
NUR	145.04	342	iPKP	50 45.00	-1.5
	0.8s		120.30nm		
			eSKP	54 00.00	
			esSS	12 56.00	
MSL	146.23	294	ePKP	50 49.50	0.1
			e	51 43.50	
NB2	147.05	354	PKP	50 48.70	-1.2
	1.0s		34.70nm		
UPP	147.24	347	iPKP	50 51.10	0.9
KONO	148.56	355	ePKP	50 56.10	3.8X
RTB	148.61	288	ePKPd	50 55.00	1.8
			e	51 03.00	
			e	54 43.00	
ELO	151.44	9	ePKPd	51 02.40	5.6X
EAB	151.62	10	ePKPd	51 02.80	5.7X
EBH	151.69	9	ePKP	51 03.00	5 8X
COP	152.11	350	ePKP-	50 58.00	0.3
Z	22s		1.67um		5.8Msz
ESY	152.12	8	ePKPd	51 03.60	5.8X
JER	152.89	285	ePKP	50 58.00	-1.8
VAL	154.20	21	iPKP	51 05.00	4.2X

21d 04h

			PKS	58 36.00		
HAM	154.62	352	iPKP	51 02.80	1.5	
KRA	155.25	335	ePKP	51 01.90	-0.3	
			e	51 11.30		
			e	55 01.00		
			e	05 19.00		
MLR	155.71	320	ePKPd	51 03.00	-0.3	
KSP	155.78	341	ePKP	51 02.00	-1.0	
			ic	51 30.60		
CLL	156.18	346	ePKP	51 04.00	0.5	
BUC	156.26	318	ePKP	51 03.00	-0.8	
DBN	156.35	358	ePKP	51 04.00	0.3	
	Z 20s		1.80um		5.9Msz	
			e	51 34.00		
			ePP	55 09.00		
			eSKKS	01 36.00		
			e	05 32.00		
BRG	156.37	344	ePKP	51 04.50	0.7	
	2.5s		80.00nm			
			i	51 32.40		
			eSg	22 14.00		
KIC	156.52	158	ePKP	51 07.00	1.9	
PRU	157.04	342	ePKP	51 05.00	0.3	
			e	51 36.30		
			PP	55 12.00		
MOX	157.09	348	ePKP	51 03.00	-1.7	
	Z 22s		1.10um		5.6Msz	
	E 22s		1.00um			
			e	51 35.00		
			ePP	55 12.00		
			ePPS	08 30.00		
UCC	157.67	359	PKP	51 07.00	1.6	
			e	51 39.00		
			PP	55 19.00		
			e	01 29.00		
			e	06 12.00		
SRO	157.70	334	ePKP	51 05.50	0.0	
			i	51 38.30		
			e	52 29.00		
			e(PP)	55 10.00		
ZST	157.83	336	ePKP	51 05.50	-0.2	
			i	51 39.90		
VKA	158.04	338	iPKPd	51 06.20	0.3	
	4.0s		448.00nm			
			i(pP)	51 40.70		
			iPP	55 16.20		
KHC	158.08	343	PKP	51 06.40	0.4	
	Z 18s		1.00um		5.7Msz	
	N 18s		0.50um			
	E 18s		0.70um			
			i	51 40.70		
			i	51 47.00		
			e	55 19.00		
KDZ	158.21	313	iPKPc	51 08.00	1.7	
DOU	158.37	359	PKP	51 07.00	0.8	
	Z 20s		2.70um		6.1Msz	
			e	51 41.60		
			PP	55 20.00		
			SKKS	02 09.00		
			PSKS	05 45.00		
WLF	158.74	356	PKP	51 09.10	2.5X	
			e	51 45.00		
GWF	159.31	353	ePKP	51 05.40	-1.9	
ATH	161.02	305	ePKP	51 08.00	-1.4	
TRI	161.12	339	iPKPd	51 08.00	-1.2	
			i	51 56.00		
			iPP	55 32.00		
			iPSKS	05 57.00		
			iSPP	09 10.00		
			iSS	16 00.00		
TOL	166.77	28	iPKP	51 16.00	1.3	
			iPKKP	52 20.00		
			iPP	56 05.00		
			eSKKS	03 04.00		
			eSKSP	06 35.00		
			iPS	09 55.00		
			eSS	16 55.00		
			eSSS	23 28.00		
EBR	167.31	12	ePKP	51 17.00	2.0	
			ePP	56 08.00		
ALI	169.41	20	iPKP-	51 17.00	0.6	
			iPP	56 19.00		

S.D. = 1.2 on 155 of 189 obs.

? JUN 21, 1985 05h 19m 19.85± 5.76s
31.755 S ±33.4km 68.930 W ±44.2km
DEPTH = 124.0 ± 54.1 km

SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.29	23	iPd	19	37.50	-0.3
			S	19	49.00	
ZON	0.30	46	iPd	19	38.50	0.7
			eS	19	50.00	
RTCV	0.35	108	iPd	19	37.70	-0.1
			(S)	19	49.00	
RTLL	0.58	43	iPd	19	38.80	-0.2
CFA	0.61	76	iPd	19	39.30	0.1
			S	19	52.70	
MDZ	1.13	177	eP	19	48.60	4.7X
RFA	3.03	173	ePc	20	07.40	0.0

S.D. = 0.6 on 6 of 7 obs.

JUN 21, 1985 05h 30m 41.26± 0.72s
40.575 N ± 6.0km 24.307 E ± 5.9km
DEPTH = 18.7 ± 9.0 km

AEGEAN SEA (365)

OUR	0.34	226	ePbc	30	48.30	-0.3
SOH	0.77	289	ePg	30	55.80	0.0
SRS	0.77	315	ePg	30	56.10	0.3
			eSg	31	06.30	
PAIG	0.81	217	ePg	30	56.20	-0.2
			eSg	31	07.80	
THE	1.02	274	ePg	31	01.10	1.0
			eSg	31	15.00	
MMB	1.10	337	iPgd	31	01.00	-0.5
KNT	1.22	299	ePgd	31	03.20	-0.1
			eSg	31	20.00	
KDZ	1.33	36	iPgd	31	04.00	-0.8
			iSg	31	22.00	
VAY	1.51	300	iPn	31	08.00	0.6
PLD	1.56	11	iPgc	31	13.00	4.9X
EZN	1.72	115	iPn	31	10.50	0.1
DIM	1.76	33	iP	31	13.00	2.0
VTS	2.19	338	ePg	31	16.00	-1.2
EDC	2.72	94	ePn	31	30.00	5.1X

S.D. = 1.0 on 12 of 14 obs.

* JUN 21, 1985 05h 52m 07.24± 0.66s
10.254 S ±13.4km 78.410 W ±13.1km
DEPTH = 33.0km (normal)
4.5mb (8 obs.)

NEAR COAST OF PERU (115)

ARE	9.13	133	iP	54	32.00	11.9X
ZOBO	11.66	122	Pc	54	54.60	-0.4
LPB	11.81	123	P	55	03.90	7.0X
			S	58	57.00	
TPZ	14.52	141	Pd	56	04.50	31.7X
BOG	15.40	17	eP	55	46.00	1.8
YJA	17.13	135	ePd	56	10.80	4.5X
TCA	24.59	151	ePd	57	27.00	1.2
ATB	26.89	77	Pc	57	46.50	-0.8
SOB1	36.98	92	eP	59	16.00	0.2
JCT	45.42	334	eP	00	26.00	1.1
	1.0s		4.00nm			4.3mb
LTX	46.29	329	eP	00	32.00	0.2
	1.0s		1.80nm			4.0mb
BHO	47.06	341	eP	00	38.50	0.8
RLO	48.76	342	eP	00	51.30	0.4
TUL	48.76	341	eP	00	50.90	0.0
	1.0s		10.80nm			4.8mb
FVM	49.28	347	eP	00	53.00	-2.0
	0.9s		6.78nm			4.7mb
ALQ	52.21	331	eP	01	17.80	0.3
	1.1s		8.23nm			4.6mb
GSC	58.05	323	eP	02	01.00	1.3
MWC	58.07	321	eP	02	01.00	1.0
SBB	58.24	322	eP	02	01.00	0.0
RSSD	58.91	339	eP	02	05.00	-0.7
BDW	59.97	334	eP	02	11.00	-2.1
	1.0s		2.20nm			4.2mb
EUR	60.54	327	iP	02	17.10	0.1
	0.2s		2.79nm			5.0mb
RSON	62.29	349	eP	02	27.30	-1.1
	0.8s		4.23nm			4.6mb
SES	66.76	338	eP	02	57.00	-0.5
EDM	69.89	338	iPd	03	16.00	-0.9
YKC	77.70	344	eP	04	04.00	2.0
YKA	77.75	344	eP	04	02.30	0.0
SPA	79.81	180	e(P)	04	39.00	25.3X
INK	87.40	342	ePc	04	49.90	-2.1
MBC	89.64	351	eP	05	02.50	-0.1
			pP	05	19.00	58kmX

S.D. = 1.2 on 25 of 30 obs.

* JUN 21, 1985 06h 01m 59.54± 0.69s
19.274 N ± 9.6km 64.434 W ±11.0km
DEPTH = 10.0km (geophysicist)
4.1mb (6 obs.)

VIRGIN ISLANDS (91)

SJG	2.00	235	iP	02	33.50	-0.2
BHO	30.90	305	eP	08	18.30	-0.3
RLO	31.70	308	eP	08	15.90	-9.8X
TUL	32.17	307	eP	08	29.40	-0.4
	0.8s		7.50nm			4.7mb
SOB1	36.60	139	e(P)	09	08.00	0.1
LTX	36.98	293	eP	09	11.90	0.7
	0.9s		1.71nm			3.8mb
ALQ	40.22	302	eP	09	38.00	-0.3
	1.0s		3.50nm			4.0mb
RMU	44.22	304	eP	10	11.80	0.9
BDW	44.55	312	eP	10	13.00	-0.6
	1.0s		2.60nm			4.1mb
BMN	49.61	307	eP	10	54.00	0.7
	1.0s		2.50nm			4.2mb
NEW	51.19	317	P	11	04.80	-0.3
	0.8s		3.87nm			4.4mb
MBC	63.35	347	eP	12	31.00	0.2
INK	64.52	337	eP	12	38.00	-0.5

S.D. = 0.6 on 12 of 13 obs.

? JUN 21, 1985 06h 53m 00.96± 6.23s
9.809 S ±52.5km 115.547 E ±47.1km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)

SOUTH OF BALI ISLAND (284)

MBL	12.02	160	eP	55	53.00	0.1
			eS	58	04.00	
NAU	12.66	180	iPd	56	00.50	-1.1
	0.3s		7.00nm			5.2mb X
			eS	58	15.00	
MEK	16.95	171	iPd	57	00.70	3.3X
	0.3s		11.00nm			4.5mb
			eS	00	02.00	
MRWA	19.31	179	eP	57	27.00	0.7
			eS	00	54.00	
WBN	19.31	149	eP	57	28.00	1.6
			eS	01	03.00	
WRA	20.75	121	Pd	57	41.20	-0.4
	0.5s		2.90nm			3.9mb
WB2	20.76	121	eP	57	41.20	-0.5

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

? JUN 21, 1985 07h 03m 37.30± 7.70s
31.254 S ±46.5km 69.232 W ±56.8km
DEPTH = 134.4 ± 34.5 km

SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.44	122	iPd	03	56.80	-0.1
			S	04	07.80	
ZON	0.56	122	eP	03	58.00	0.5
			eS	04	09.00	
RTLL	0.66	97	iPd	03	57.80	-0.3
RTCV	0.85	136	iPc	03	59.30	-0.3
			S	04	11.80	
CFA	0.92	113	e(P)	04	00.00	-0.2
			S	04	13.60	
MDZ	1.66	169	iP	04	08.60	0.7
			iS	04	27.60	
RFA	3.57	170	ePc	04	31.70	-0.5
TCA	3.97	92	iPd	04	37.90	0.2
			S	05	20.00	

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

* JUN 21, 1985 07h 35m 13.62± 1.07s
50.634 N ±10.4km 14.074 E ± 8.0km
DEPTH = 0.0km (geophysicist)

CZECHOSLOVAKIA (547)
ML 3.1 (GRF), 2.9 (KBA).
Possible explosion.

BRG	0.25	341	iPgc	35	19.50	0.8
			iSg	35	23.50	
CLL	0.96	315	iPg	35	32.00	-0.7
			iSg	35	46.40	
KSP	1.43	81	iPd	35	40.50	-0.2
	0.4s		38.00nm			
			iS	36	01.60	

```
MOX      1.56 271 iPn    35 42.00   -0.8
                  iSg    36 02.50
GRF      2.06 244 ePg    35 50.80    0.8
                  eSg    36 17.70
ZST      3.14 140 eP     36 52.00   46.7X
KBA      3.59 188 i(Pg)  36 28.00   16.1X
                  i(Sg)  37 05.50
                  i      37 09.10
GWF      4.50 251 iPc    36 37.60   13.0X
     S.D. = 1.1  on   5 of   8 obs.

?  JUN  21, 1985  07h 40m 08.32± 4.08s
   26.132 S ±40.6km   28.227 E ±54.8km
   DEPTH =   5.0km  (geophysicist)
 REPUBLIC OF SOUTH AFRICA              (584)

BFS      1.50 239 eP     40 35.40   -0.7
                  S      40 50.50
SWZ      2.80 247 eP     40 55.50    0.7
                  S      41 26.00
BUL      5.97   3 iPn    41 40.60    0.9
                  iSn    42 45.00
                  iSg    43 18.00
KRI      9.35   8 ePn    42 28.00    1.1
                  eSn    44 07.00
                  eSg    45 02.00
MTD      9.82  19 iPn    42 33.00   -0.3
                  eSn    44 17.00
                  iSg    45 12.00
LSZ     10.80 360 iP     42 45.00   -1.9
                  iS     44 45.80
                  iLg    45 45.40
     S.D. = 1.5  on   6 of   6 obs.

•  JUN  21, 1985  09h 02m 58.34± 0.66s
   24.204 S ± 7.9km   67.092 W ± 9.7km
   DEPTH = 203.9 ±  9.5 km
 CHILE-ARGENTINA BORDER REGION         (127)

SLA      1.55 110 iPc    03 33.80    0.5
                  S      03 59.80
YJA      2.50  36 iPd    03 42.90   -0.4
                  S      04 17.40
ANT      3.08 279 iPc    03 49.80    0.3
                  iS     04 25.50
TPZ      3.11 331 iPd    03 49.50   -0.8
                  S      04 28.20
TCA      7.44 163 ePc    04 45.10   -0.2
LPB      7 69 353 Pc     04 49.80    0.8
       0.5s     49.30nm          5.0mb X
                  S      06 17.00
ZOBO     7.95 353 Pc     04 52.60    0.0
SOB1    29.11  64 eP     08 42.70    0.4
ITR     31.39  66 eP     09 01.70   -0.6
     S.D. = 0.7  on   9 of   9 obs.

&  JUN  21, 1985  09h 51m 51.30s
   33.090 N          117.440 W
   DEPTH =  12.0km
 SOUTHERN CALIFORNIA                   ( 43)
      <PAS-P>, ML 3.4 (PAS). Felt at
      Oceanside

SLBC     0 17 122 iP     51 55.40    0.1
CPE      0.35 126 iPd    51 58.50   -0.2
BAR      0.76 122 iPc    52 05.30   -0.8
                  iSc    52 15.20
CIS      0.87 292 ePc    52 06.70   -1.1
RVR      0.90   3 iPd    52 07.50   -0.9
                  iSc    52 18.90
CBX      1.01 140 iPd    52 11.30    1.0
                  S      52 24.80
IKP      1.20 111 iPd    52 12.90   -0.7
MWC      1.24 336 ePc    52 13.20   -1.1
ENX      1.37 151 iPd    52 17.50    1.4
                  S      52 35.50
PBX      1.48 155 iPd    52 18.00    0.3
                  S      52 39.50
SDW      1.55  11 iP     52 19.00    0.2
GLA      2.19  90 eP     52 27.30   -0.8
VPEM     2.87 354 eP     52 35.50   -2.3
EUR      6.49  10 iP     53 45.50   16.3
       0.2s     0.56nm
       14 obs. associated

?  JUN  21, 1985  13h 39m 30.90± 3.40s
   32.710 S ± 9.2km   69.460 W ±33.0km
   DEPTH = 123.2 ± 26.8 km
 MENDOZA PROVINCE, ARGENTINA           (139)

MDZ      0.54 109 eP     39 49.80    0.0
                  eS     40 05.60
RTCV     1.15  43 iPd    39 55.00   -0.1
                  S      40 13.80
RTCB     1.34  25 iPd    39 57.00   -0.2
                  S      40 16.80
CFA      1.51  44 iPd    39 59.20    0.1
                  S      40 21.20
RTLL     1.61  32 iPd    40 00.50    0.2
                  S      40 23.00
RFA      2.22 158 iPc    40 07.80    0.0
TCA      4.36  73 iPc    40 36.20   -0.1
                  S      41 25.50
     S.D. = 0.2  on   7 of   7 obs.

   JUN  21, 1985  14h 33m 28.33± 0.88s
   44.290 N ± 6.0km    6.860 E ±10.7km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                                (53B)
      ML 2.5 (LDG).

FOUF     0.25 347 P      33 33.40   -0.1
FRF      0.75 192 Pg     33 42.70   -0.2
                  Sg     33 52.40
LRG      0.91 204 Pg     33 45.20   -0.5
                  Sg     33 56.80
LMR      0.99 195 Pg     33 47.20    0.1
                  Sg     33 59.60
CDR      1.00 232 eP     33 47.80    0.5
                  e      33 48.20
                  e      34 00.60
                  i      34 01.60
CVF      2.26 139 Pn     34 06.60    0.3
                  Sn     34 32.00
     S.D. = 0.5  on   6 of   6 obs.

   JUN  21, 1985  15h 13m 38.58± 0.46s
   31.921 N ± 7.5km   85.085 E ± 6.4km
   DEPTH =  33.0km  (normal)
   4.3mb (  4 obs.)
 TIBET                                 (306)

LSA      5.67 111 ePn    15 04.30    1.2
DDI      6.23 257 eP     15 12.00    1.2
VAR      6.84 196 iP     15 20.00    0.8
                  eS     16 40.00
NDI      7.53 247 eP     15 30.00    1.2
                  eS     16 53.00
TURI     7.84 143 eP     15 43.00    9.8X
                  iS     17 16.00
SHL      8.70 135 eP     15 43.00   -2.2
                  iS     17 23.00
CAL      9.79 162 P      15 42.80  -17.4X
                  eS     17 23.00
KSH     10.55 318 eP     16 09.00   -1.6
WMQ     12.06   9 eP     16 30.00   -1.1
HYB     15.61 204 eP     17 14.00   -3.8X
QUE     15.64 268 eP     17 16.00   -2.4
                  eS     20 09.00
CD2     15.98  89 P      17 21.30   -1.2
POO     16.75 220 eP     17 31.00   -1.3
CHG     18.06 133 eP     17 50.50    1.8
GBA     19.53 203 P      18 07.00    0.6
XAN     20.10  78 P      18 10.20   -2.1
MHI     21.61 289 eP     18 27.00   -0.8
                  eS     22 28.00
BTO     21.84  60 eP     18 33.00    3.0X
                  eS     22 28.00
KOD     22.70 200 eP     18 43.00    4.0X
TIY     23.14  68 eP     18 46.00    3.1X
BJI     26.33  63 eP     19 13.50    0.4
CN2     33.69  58 eP     20 18.00   -0.6
KJF     47.64 330 eP     22 15.00    1.9
SUF     48.00 328 eP     22 16.00    0.1
       0.4s     0.80nm          4.1mb
KEV     49.47 337 eP     22 29.00    1.8
UPP     51.77 324 iP     22 46.30    1.5
NB2     54.93 325 P      23 02.60   -5.6X
       0.7s     2.20nm          4.3mb
BNG     67.79 261 ePd    24 33.60   -2.1
       1.0s     7.90nm          4.8mb
WRA     69.90 131 Pd     24 48.10   -0.4
       0.7s     2.50nm          4.4mb
WB2     69.90 131 eP     24 49.80    1.3
MTD     70.51 235 eP     25 10.00   17.6X
MBC     71.00   6 eP     24 54.00   -0.4
BUL     74.86 234 iPc    25 16.90   -1.2
YKA     84.59   9 eP     26 11.60    2.1
YKC     84.62   9 eP     26 11.00    1.4
     S.D. = 1.5  on  27 of  35 obs.

•  JUN  21, 1985  15h 26m 21.02± 1.18s
   23.685 N ±13.2km   122.973 E ±15.0km
   DEPTH =  33.0km  (normal)
   4.0mb (  2 obs.)
 TAIWAN REGION                         (243)

TWD      1.32 288 iPc    26 42.00   -1.3
                  eS     26 54.50
TWC      1.38 312 iPd    26 43.50   -0.6
TATO     1.87 314 iP     26 52.00    0.8
                  iS     27 11.00
TWZ      1.89 318 iPc    26 52.50    0.9
ANP      2.00 319 iPd    26 54.90    1.7X
       0.6s    586.67nm
                  eS     27 08.50
TWQ      2.04 287 iPd    26 54.60    0.8
                  eS     27 16.00
SSE      7.55 348 P      28 11.70    0.2
                  e(Lg)  30 18.20
WRA     44.76 165 Pc     34 43.10    9.8X
       0.8s     2.30nm          4.1mb
WB2     44.76 165 eP     34 34.00    0.6
KJF     71.19 333 eP     37 42.00    3.7X
NB2     79.42 333 P      38 23.80   -1.5
       0.4s     0.50nm          3.9mb
     S.D. = 1.2  on   8 of  11 obs.

?  JUN  21, 1985  15h 32m 33.40± 7.95s
   12.368 S ±68.7km   117.830 E ±41.7km
   DEPTH =  33.0km  (normal)
 SOUTH OF SUMBAWA ISLAND               (291)

MBL      8.95 168 eP     34 43.00   -0.4
       0.3s     3.00nm          4.9mb X
                  eS     36 22.00
NAU     10.36 192 eP     35 02.00   -0.8
                  eS     36 52.00
MEK     14.19 177 eP     35 55.00    0.9
                  eS     38 26.00
MRWA    16.85 186 eP     36 29.00    0.5
                  eS     39 26.00
WB2     17.56 118 eP     36 37.30   -0.1
     S.D. = 1.0  on   5 of   5 obs.

   JUN  21, 1985  16h 50m 45.08± 0.27s
   45.618 N ± 2.8km   26.490 E ± 3.7km
   DEPTH = 130.9 ±  3.5 km
   4.4mb ( 23 obs.)
 ROMANIA                               (358)

VRI      0.30  33 iPc    51 03.00    0.1
CVO      0.30 313 iPc    51 03.00    0.1
MLR      0.40 252 iPd    51 04.00   -0.2
BRD      0.41 104 iPc    51 05.00    1.0
FOC      0.49  81 iP     51 04.00   -0.4
PPE      0.99  52 iPd    51 10.00    1.8
BIR      1.02  50 iPc    51 10.00    1.4
CMP      1.08 252 iPc    51 08.00   -1.2
CLI      1.08  30 iPc    51 09.00   -0.2
BUC      1.24 193 ePd    51 09.50   -1.2
MSR      1.24 290 iPd    51 05.00   -5.8X
BUC1     1.31 195 iPc    51 12.00    0.5
CGN      1.49 194 iPc    51 13.00   -0.5
COZ      1.54 260 iPd    51 14.00   -0.2
CVD      1.69 139 iP     51 20.00    4.3X
PSN      2.28 147 iPd    51 25.00    2.0
DEV      2.53 277 iPd    51 26.50    0.4
GZR      2.62 266 iPd    51 27.00   -0.5
PVL      2.65 201 iPd    51 29.00    1.3
CEI      3.46 308 eP     51 55.00   16.6X
DIM      3.63 191 iP     51 41.00    0.3
PLD      3.74 201 iPd    51 42.00   -0.2
VTS      3.84 219 iPc    51 43.00   -0.4
KDZ      4.06 192 iPc    51 47.00    0.5
                  iS     52 20.00
MMB      4.50 207 iPc    51 53.00    0.6
                  iS     52 35.00
CTT      4.69 162 iPn    51 54.40   -0.5
MFT      4.86 173 iPn    51 56.40   -1.0
ISK      4.92 157 iPn    51 57.40   -0.6
```

21d 16h

SRS	4.97	206	eP	51 58.50	-0.2
			eS	52 52.80	
JOS	4.98	307	iPd	51 57.60	-1.3
	0.5s		33.40nm		
VAY	5.16	215	iPn	52 01.00	-0.2
SKO	5.16	227	ePn	52 00.50	-0.8
			i	52 09.50	
KNT	5 17	212	eP	52 01.20	-0.2
			eS	52 49.10	
KGT	5.20	173	iPn	52 00.90	-0.9
HRT	5.33	153	iPn	52 03.40	-0.2
EDC	5.36	169	iPn	52 03.60	-0.4
GRG	5.53	214	eP	52 04.50	-1.9
KCT	5.54	165	iPn	52 04.90	-1.5
SPC	5.54	312	iPd	52 06 40	-0.3
OUR	5.59	200	eP	52 07.20	0.1
THE	5.61	209	eP	52 08.20	0.8
EZN	5.79	181	iPn	52 05.20	-4.7X
GPA	6.02	151	iPn	52 13.10	0.1
SRO	6.04	294	i(Pn)	52 11.40	-1.8
			i	52 20.80	
			i	52 31.60	
			i	53 42.10	
			i	54 09 50	
OHR	6.12	225	ePn	52 14.70	0.2
DST	6.21	165	iPn	52 15.00	-0.7
LIT	6.25	209	eP	52 18.10	2.0
			eS	53 23.90	
KRA	6.26	318	iPd	52 14.90	-1.3
			e	52 23.60	
			i	52 29.90	
ZST	6.93	295	i(P)	52 24.60	-0.8
			i	52 31.80	
			i	52 41.70	
			i	53 11.80	
SOP	7.14	290	eP	52 22.90	-5.3X
IZM	7.24	175	eP	52 33.60	4.0X
KSP	8.58	311	iP	52 46.00	-1.6
	1.0s		31.00nm	4.9mb	
TRI	8.92	275	iPd	52 53.00	0 9
PRU	9.15	303	P	52 54.20	-1.1
			e	53 02.20	
KBA	9.21	284	iPd	52 57.00	0.7
	1.0s		31.70nm	5.0mb	
			i	54 21.80	
			i	54 36.80	
KHC	9.44	296	iPd	52 59.20	0.1
	0.9s		16.00nm	4.7mb	
			e	53 07.60	
			e	54 09.00	
BRG	9.88	397	iPc	53 03.50	-1.4
	1.4s		17.00nm	4.6mb	
			e	57 08.00	
CLL	10.61	307	eP	53 15.00	0.5
			e	53 47.00	
GRF	11.07	297	eP	53 20.60	-0.1
	1.2s		41.00nm	5.0mb	
MOX	11.14	302	eP	53 22.00	0.5
	1.0s		22.00nm	4.8mb	
OSS	11.39	281	eP	53 35.60	10.5X
VDL	11.86	280	eP	53 41.30	10.1X
SAY	11.95	284	eP	53 41.10	8.7X
TMA	12.30	279	eP	53 45.50	8.6X
MMK	12.93	279	eP	53 52.20	7.0X
CVF	13.03	263	eP	53 52.20	5.9X
DIX	13.31	279	eP	53 56.50	6.3X
EMS	13.65	279	eP	53 59.70	5.3X
LPG	13.83	277	eP	54 01.80	4.9X
	0.8s		21.10nm	4.5mb	
LMR	14.45	268	eP	54 09.00	4.6X
MEM	14.55	297	Pc	54 12.00	6.4X
ENN	14.64	298	e(P)	54 12.00	5.3X
	0.9s		19.00nm	4.4mb	
NUR	14.96	356	eP	54 06.00	-4.7X
UPP	15.22	343	iP	54 12.70	-1.2
			i	54 24.70	
LBF	15.61	283	eP	54 20.80	1.7
LOR	15.68	284	eP	54 21.40	1.5
	0.8s		6.70nm	4.0mb	
SMF	15.73	282	eP	54 22.60	2.1
	0.8s		7.20nm	4.0mb	
SSF	15.93	283	eP	54 24.40	1.4
	0.8s		8.50nm	4.1mb	
AVF	16.05	282	eP	54 25.80	1.3
	0.8s		8.30nm	4.1mb	
MZF	16.64	281	eP	54 32.30	0.6
	0.8s		7.20nm	4.0mb	

TCF	16.89	281	eP	54 35.80	1.0
SUF	17.14	359	iP	54 34.50	-3.1X
	0.4s		2.70nm	3.9mb	
LSF	17.36	281	eP	54 40.80	0.3
	0.6s		8.10nm	4.2mb	
RJF	17.51	278	eP	54 43 60	1.3
LPO	17.86	276	eP	54 47.00	0.5
NB2	17.86	335	P	54 39.60	-6 9X
	0.8s		7.10nm	4.0mb	
LFF	18.12	277	eP	54 50.00	0.5
	0.7s		19.80nm	4.5mb	
MFF	18.47	283	eP	54 51.60	-1.7
	0.8s		26.80nm	4.6mb	
KJF	18.64	2	iP	54 53.30	-1.6
	0.7s		13.30nm	4.4mb	
LPF	18.96	287	eP	54 56.20	-2.2
EKA	21.07	308	P	55 20.00	0.1
	1.4s		25.30nm	4.4mb	
SOD	21.81	0	iP	55 28.10	1.0
KEV	24.21	0	iP	55 51.50	1.3
	0.7s		16.00nm	4.6mb	
BNG	41.60	192	iPd	58 21.80	0.3
	1.2s		15.80nm	4.6mb	
KIC	47.55	224	iP	59 09.00	-0.1
FRB	52.37	326	eP	59 45.00	-0.1
MBC	56.45	351	ePc	00 14.70	0.0
	0.7s		5.00nm	4.6mb	
INK	65.43	352	eP	01 14.00	-1.1
YKC	67.82	342	eP	01 30.00	-0.3
YKA	67.83	342	eP	01 31.20	0.8

S.D. = 1.0 on 79 of 100 obs.

* JUN 21, 1985 17h 38m 30.17± 0.92s
26.190 S ± 9.1km 28.149 E ±10.7km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

SLR	0.47	15	iPd	38 41.00	1.4
			S	38 47.40	
BFS	1.41	240	eP	38 56.20	-0.5
			S	39 12.20	
SWZ	2.71	248	iPc	39 16.00	0.6
			S	39 50.00	
JOZ	3.73	110	iPd	39 30.00	0.4
			S	40 13.00	
BUL	6.03	4	iPn	40 02.30	-0.1
			iSn	41 05.00	
			iS*	41 11.00	
			iSg	41 36.00	
KRI	9.41	9	ePn	40 50.00	0.4
			iSn	42 28.00	
			iSg	43 23.00	
MTD	9.89	20	iPn	40 54.00	-2.2
			iSn	42 35.00	
			iSg	43 33.00	
LSZ	10.86	0	iP	41 06.40	-3.1X
			iS	43 06.90	

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

? JUN 21, 1985 18h 03m 21.30± 3.20s
13.191 N ±33.1km 92.849 W ±17.3km
DEPTH = 33.0km (normal)
4.7mb (1 obs.)
OFF COAST OF CHIAPAS, MEXICO (68)

COM	3.12	13	iP	04 09.50	0.0
			iS	04 40.50	
PBJ	4.07	323	iP	04 23.00	0.2
			iS	05 06.00	
VHO	5.50	317	eP	04 43.00	-0.2
			iS	05 42.00	
TPM	8 29	315	eP	05 26.00	3.5X
YKC	51.38	347	eP	12 26.00	-0.2
	0.6s		5.00nm	4.7mb	
YKA	51.62	347	eP	12 26.80	0.3

S.D. = 0.3 on 5 of 6 obs.

* JUN 21, 1985 20h 41m 04.13± 0.88s
7.422 S ± 9.0km 27.930 E ±13.8km
DEPTH = 10.0km (geophysicist)
4.5mb (2 obs.)
ZAIRE REPUBLIC (567)

LSZ	7.81	178	iP	43 01.70	1.0
			i	43 03.00	
			iS	44 25.50	
			iLg	45 10.50	

KRI	9.49	170	iPn	43 24.00	-0.1
			iSn	45 05.00	
			iSg	45 59.00	
MTD	9.96	159	iPn	43 31.00	0.5
			iSn	45 15.00	
			iLg	46 18.00	
CLK	10.72	141	iPn	43 40.20	-0.7
			iSn	45 32.00	
			iLg	46 36.00	
NAI	10.75	56	iPc	43 42.00	0.6
	0.8s		18.66nm	5.5mb	X
BUL	12.66	177	iPnd	44 06.00	-1.3
			iSn	46 19.30	
BNG	15.05	321	ePc	44 36.50	-2.1
	0.7s		11.00nm	4.4mb	
			iS	47 21.70	
			Lg	49 02.00	
SLR	18.22	179	e(P)	45 21.90	2.9X
	0.9s		37.82nm	4.5mb	
			(S)	48 33.00	
BFS	19.40	183	e(P)	45 33.40	-0.1
KIC	35.35	292	eP	48 04.50	2.4

S.D. = 1.5 on 9 of 10 obs.

JUN 21, 1985 21h 43m 56.84± 1.13s
4.856 N ± 3.6km 127.536 E ± 5.1km
DEPTH = 104.7 ± 11.1 km
5.3mb (25 obs.)
TALAUD ISLANDS (263)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 19C
Centroid Location:
Origin Time 21:43:57.8 0.7
Lat 4.74N 0.07 Lon 127.94E 0.12
Dep 123.7 5.5 Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr= 4.14 0.63 Mtt= 0.65 1.20
Mff=-4.79 1.44 Mrt=-2.51 0.58
Mrf=-5.86 0.55 Mtf=-1.38 0.91
Principal Axes:
T Val= 7.46 Plg=62 Azm=122
N 0.87 6 20
P -8.32 27 287
Best Double Couple:Mo=7.9*10**23
NP1:Strike= 1 Dip=19 Slip= 71
NP2: 202 72 96

CGP	4.56	322	iPd	45 06.00	1.3
			iS	45 49.00	
AAI	8.51	176	ePc	46 06.60	7.6X
KKM	11.33	276	ePc	46 35.20	-1.8
MTN	17.95	169	eP	48 00.00	-1.2
PJG	19.17	62	e(P)	48 15.00	0.1
GUA	19.18	62	e(P)	48 14.50	-0.6
	0.7s		115.07nm	5.3mb	
KNA	20.51	177	iPc	48 29.60	0.9
	0.6s		170.00nm	5.6mb	
MDG	20.80	119	e(P)	48 30.00	-1.7
HKC	21.64	325	eP	48 41.00	1.0
QZH	21.74	338	Pc	48 41.50	0.5
QIZ	22.28	311	eP	48 46.70	0.3
			eS	52 42.00	
GZH	22.72	324	iPc	48 51.30	0.7
KGM	24.34	264	ePd	49 07.30	1.0
WRA	25.54	165	Pc	49 17.30	-0.2
	0.6s		73.70nm	5.4mb	
WB2	25.54	165	iPc	49 17.00	-0.6
IPM	26.42	271	ePd	49 25.00	-0.7
	0.9s		25.50nm	4.8mb	
			e	49 54.90	
SSE	26.78	348	eP	49 31.50	2.8
SNG	26.87	276	eP	49 29.00	-0.8
MBL	26.94	196	eP	49 29.00	-1.3
PPI	27.62	260	eP	49 36.20	-0.4
LOE	28.17	298	eP	49 39.00	-2.6
ASPA	29.02	168	eP	49 49.00	-0.1
	0.7s		64.00nm	5.4mb	
			eS	54 35.00	
NAU	29.67	203	iPc	49 55.40	0.6
	0.6s		24.00nm	5.1mb	
KHT	30.14	291	eP	49 59.00	-0.1
WBN	30.82	182	iPc	50 05.50	0.5
	0.5s		31.00nm	5.3mb	
CTA	30.87	144	iPd	50 06.00	0.5
	0.8s		27.61nm	5.0mb	
CHG	31.16	299	iPd	50 07.40	-0.7

	0.7s	23.63nm		5.0mb	
		eS	58	36.00	
KMI	31.18	313	Pc	50	09.00	0.5
MEK	32.47	195	iPc	50	19.50	0.1
	0 7s	220.00nm		6.0mb	
TIA	32.64	344	Pc	50	20.50	-0.3
MAT	33.02	16	eP	50	22.00	-2.1
	0 8s	14.93nm		4.9mb	
XAN	33 80	332	iPc	50	30.50	-0.4
CD2	34.24	322	iPd	50	34.90	0.2
TIY	35.49	339	eP	50	46.00	0.7
MRWA	35.65	197	iPc	50	47.00	0.4
	0.6s	38.00nm		5.5mb	
KLG	35.91	189	iPc	50	49.00	0.2
	0.4s	11.00nm		5.1mb	
BJI	36.50	345	eP	50	54.00	0.4
		e		56	27.50	
BAL	36.75	196	iPc	50	56.10	0.2
	0.6s	35.00nm		5.4mb	
SNY	36.98	355	eP	50	57.40	-0.2
RMO	37.33	148	eP	51	00.00	-0.8
KLB	37.42	194	iPc	51	01.90	0.4
	0.9s	160.00nm		5.9mb	
LZH	37.96	328	iPc	51	08.00	1.8
	1.6s	94.00nm		5.5mb	
MUN	38.18	196	iPc	51	08.30	0.4
NWAO	38.83	194	iPc	51	15.40	2.2
CN2	38.83	358	Pc	51	12.70	-0.4
STK	38.91	161	iPc	51	14.20	0.3
	1.0s	184.00nm		5.9mb	
MDJ	39.64	2	eP	51	20.70	0.9
RKG	39.97	194	iPd	51	28.90	6.2X
BRS	40.28	144	iPc	51	25.10	-0.2
		i		52	07.50	
ADE	40.98	166	iPc	51	32.00	1.0
	0.5s	38.03nm		5.5mb	
LSA	42.32	310	P	51	42.50	-0.1
GTA	42.56	328	P	51	45.00	1.0
YOU	43.61	155	eP	51	55.70	3.2X
		e		52	27.90	
CAN	44 77	155	iPc	52	02.40	0.7
		e		53	42.60	
TOO	45.40	160	eP	52	08.00	1.3
PKI	45.99	304	iPd	52	11.60	-0.3
	0.8s	43.00nm		5.3mb	
KKN	46.18	304	iPd	52	13.20	-0.1
DMN	46.26	304	iPd	52	13.90	0.0
NOU	46.67	127	iPd	52	16.00	-0.9
HYB	49.51	289	eP	52	38.50	-0.5
GBA	50.12	284	Pc	52	43.10	-0.6
	1 5s	95.90nm		5.6mb	
WMO	52 28	324	P	53	01.20	1.5
NDI	53.19	302	iPd	53	04.80	-1.8
	0.8s	37.31nm		5.4mb	
MSZ	61 14	148	P	54	02.00	-0.3
	0 8s	52 00nm		5.6mb	
QUE	62.24	302	eP	54	10.00	-0.3
MHI	69.48	307	iPd	54	57.30	1.1
TAB	80.11	308	eP	55	58.00	0.9
AVY	81.96	250	ePc	56	07.30	0.2
SBA	85.33	172	eP	56	12.60	-10.2X
INK	88.84	22	eP	56	39.00	-1.0
SOD	89.74	338	iP	56	43.10	-1.2
KJF	89.93	334	eP	56	43.00	-2.2
MBC	90.68	13	eP	56	48.50	0.0
	0 8s	5.00nm		4.8mb	
NAI	90.84	269	eP	56	54.00	3.3X
	1.0s	20.00nm		5.3mb	
SUF	90.92	333	eP	56	48.00	-1.8
NUR	92.11	331	eP	56	55.00	-0.3
SPA	94.82	180	e(P)	57	09.00	1.2
UPP	95.66	332	iP	57	10.40	-1.2
NB2	98.14	334	P	57	17.60	-5.3X
	0.7s	1.90nm		4.7mb	
YKA	98.15	24	eP	57	23.80	1.0
YKC	98.21	24	eP	57	24.00	0.9
KIC	131.07	283	ePKP	02	59.10	0.1
VBA	145.84	167	ePKPd	03	25.60	0.4
LNV	146.11	151	ePKPc	03	27.60	1.9X
TACH	146.59	151	ePKP	03	30.50	4.0X
PCH	146.81	152	ePKPc	03	30.00	3.0X
ROCH	147.11	151	ePKP	03	30.50	2.8X
FCH	147.16	152	ePKP	03	31.40	3.5X
JACH	147.54	151	ePKP	03	32.00	3 8X
MDZ	148.19	153	ePKP	03	32.70	3.5X
TCA	151.30	158	iPKPd	03	41.00	7.0X
TPZ	157.17	138	(PKP)	03	48.00	5.3X

			i	04	24.90	
CNCB	160.70	129	iPKP	03	50.00	3.1X
			e	04	32.00	
LPB	160.77	128	PKP	03	51.00	4.2X
ZOBO	160.90	128	PKPc	03	50.10	3.0X
	S.D. = 1.0	on	77 of	95 obs.		
?	JUN 22, 1985 01h 35m 15.24± 3.35s					
	31.445 S ±26.7km 67 453 W ±17.1km					
	DEPTH = 102.9 ± 53.7 km					
	SAN JUAN PROVINCE, ARGENTINA (137)					
CFA	0.69	256	iPd	35	33.20	0.1
			S	35	46.50	
RTLL	0.88	277	iPd	35	34.60	-0.3
			S	35	48.70	
RTCV	1.01	246	iPd	35	36.40	0.0
			S	35	53.00	
RTC8	1.15	268	iPd	35	38.20	0.2
			S	35	54.50	
MDZ	1.86	219	eP	36	12.60	25.9X
TCA	2.45	88	iPc	35	54.50	0.0
			S	36	23.40	
RFA	3.42	194	ePc	36	07.60	-0.1
	S.D. = 0.3	on	6 of	7 obs.		
&	JUN 22, 1985 02h 27m 23.74s					
	59.770 N 153.111 W					
	DEPTH = 87.6km					
	SOUTHERN ALASKA (2)					
	<AGS-P>.					
ILM	0.44	20	iP	27	37.74	-0.3
			eS	27	48.83	
RDT	0.88	23	iP	27	41.74	-0.5
			eS	27	55.68	
NNL	0.95	73	eP	27	43.47	0.4
SPU	1.51	20	eP	27	49.10	-0.9
			eS	28	08.99	
CRP	1.57	17	eP	27	50.57	-0.4
SLKM	1.62	62	eP	27	50.58	-0.9
CGLM	1.64	19	eP	27	50.91	-0.8
			eS	28	12.35	
SEW	1.87	78	eP	27	55.42	0.8
MPA	2.01	67	eP	27	55.27	-1.2
SUA	2.06	33	eP	27	56.68	-0.7
PMS	2.30	48	eP	27	59.12	-1.3
PTE	2.31	60	eP	27	58.97	-1.6
SKT	2.35	19	eP	27	59.78	-1.4
PWA	2.47	39	eP	28	02.15	-0.6
KNK	2.83	52	eP	28	05.96	-1.7
GHO	2.87	44	eP	28	06.38	-2.0
MSE	2 90	43	eP	28	06.73	-2.1
GLI	3.19	67	eP	28	11.33	-1.4
HIN	3.37	76	eP	28	13.36	-1.8
FID	3.45	71	eP	28	13.58	-2.7
VZW	3.50	65	eP	28	15.66	-1.3
KLU	3.94	61	eP	28	19.85	-3.3
	22 obs. ossociated					
%	JUN 22, 1985 02h 30m 54.87± 0.90s					
	37.983 N ± 8.0km 27.674 E ±12.0km					
	DEPTH = 10.0km (geophysicist)					
	TURKEY (366)					
IZM	0.53	322	iPg	31	05.60	0.1
			iSg	31	12.60	
YER	0.98	150	iPg	31	13.40	0.0
			iSg	31	28.40	
DST	1.78	24	ePn	31	26.30	0.3
EZN	2.12	331	ePn	31	31.20	0.4
KCT	2.32	13	ePn	31	34.10	0.3
EDC	2.36	4	ePn	31	34.10	-0.2
KGT	2.48	353	ePn	31	35.00	-0.9
GPA	3.08	41	ePn	31	55.00	10.5X
HRT	3.23	28	ePn	31	57.00	10.4X
ISK	3.26	19	ePn	31	56.00	9.0X
	S.D. = 0.6	on	7 of	10 obs.		
	JUN 22, 1985 02h 38m 26.80± 0.53s					
	44.601 N ± 5.1km 9.666 E ± 4.6km					
	DEPTH = 10.0km (geophysicist)					
	NORTHERN ITALY (545)					
	ML 3.2 (LDG), 2 8 (KBA)					
FIR	1.41	125	ePg	38	55.00	2.5
			eSg	39	14.00	

TMA	1.61	340	eP	38	55.80	0.4
MMK	1.88	321	eP	39	01.40	1.9
VDL	1.89	356	eP	39	00.30	0 7
CVF	2.11	196	Pn	39	01.80	-0.9
			Sn	39	26.80	
OSS	2.11	9	eP	39	04.00	1.2
DIX	2.17	314	eP	39	04.20	0.4
LPG	2.25	294	Pn	39	05.20	0.2
LLS	2.32	349	eP	39	06.00	0 2
FRF	2.41	246	Pn	39	06.20	-0 7
			Sn	39	35.00	
EMS	2.42	308	eP	39	08.80	1.5
LMR	2.61	242	Pn	39	08.70	-1.0
			Sn	39	39.00	
LRG	2.65	245	Pn	39	10.80	0.6
			Sn	39	42.80	
CDR	2.96	253	eP	39	14.20	-0 4
			e	39	15.20	
			eSn	39	48.80	
			e	39	48.90	
			e	40	00.50	
ZUL	3.02	343	eP	39	15.40	-0.1
TRI	3.10	68	e(Pn)	39	14.70	-2.0
			i(Sn)	39	50.90	
			i(Sg)	40	06.00	
SLE	3.27	346	eP	39	18.00	-1.1
VOY	3.31	63	e(Pn)	39	19.10	-0.6
			i(Pg)	39	32.10	
			e	39	52.80	
			eSn	39	59.00	
			eSg	40	14.80	
CEY	3.55	70	eP	39	38.40	15.2X
			e(Sn)	40	04.90	
KBA	3.57	45	iPnc	39	26.20	2.7
			iPg	39	35.20	
			iSn	40	02.10	
			iSg	40	15.10	
LJU	3.72	65	eP	39	36.90	11.3X
			eSn	40	09.00	
BSF	3.80	329	Pn	39	26.60	-0.1
			Sn	40	10.60	
HAU	4.11	327	Pn	39	30.80	-0.2
			Sn	40	18.40	
CDF	4.15	337	Pn	39	30.60	-1.1
			Sn	40	18.00	
BUH	4.19	347	ePn	39	31.00	-1.2
SMF	4.57	299	Pn	39	37.40	-0.2
			Sn	40	29.60	
LBF	4.64	303	Pn	39	38.80	0.2
			Sn	40	32.40	
LOR	4.85	305	Pn	39	42.00	0.4
			Sn	40	37.20	
AVF	4.94	299	Pn	39	42.80	0.1
SSF	4.96	302	Pn	39	42.80	-0.3
BGF	5.17	295	Pn	39	46.00	-0.1
			Sn	40	45.00	
GRF	5.20	11	e(Pg)	40	10.00	23.5X
			eSg	41	14.00	
MZF	5.24	290	Pn	39	46.80	-0.3
KHC	5.27	29	ePg	39	44.50	-2.9
			Sg	41	22.50	
CAF	5.42	276	Pn	39	49.70	0.0
TCF	5.51	290	Pn	39	51.00	0.1
			Sn	40	52.80	
	S.D. = 1.2	on	33 of	36 obs.		
	JUN 22, 1985 03h 49m 23.30± 0.41s					
	13.449 N ± 8.4km 89.956 W ± 7.3km					
	DEPTH = 33.0km (normol)					
	4.8mb (22 obs.)					
	EL SALVADOR (73)					
COM	3.49	323	iP	50	21.00	4.2X
PBJ	6.05	300	iP	50	48.00	-4.9X
VHO	7.54	301	iP	51	10.00	-4.0X
			iS	52	35.00	
TPM	10.33	303	iP	51	52.00	-0.5
IIP	10.41	305	eP	51	54.00	0.3
IIC	10.90	306	eP	52	02.00	1.5
OXM	11.00	303	iP	52	02.90	1.1
UPA	11.14	112	eP	52	05.60	2.1
	1.0s	26.00nm			5.4mb	
Z	20s	1.03um			3.6Msz	
PSO	17.45	133	eP	53	29.50	3.1X
BOG	17.96	118	eP	53	34.00	1.3
			eS	57	11.00	
JCT	19.23	333	iP	53	49.00	1.3

22d 03h

	1.0s	18.50nm		4.3mb	
LTX	20.29	323 eP	53 59.00	-0.2	
	1.0s	20.00nm		4.4mb	
BHO	21.31	349 eP	54 09.80	0.3	
PRM	21.67	17 eP	54 17.00	3.9X	
RSCP	22.40	9 eP	54 23.30	2.8X	
	0.9s	50.85nm		5.0mb	
TUL	22.97	348 eP	54 25.70	-0.3	
	1.0s	63.10nm		5 1mb	
		e	54 41.60		
		e	54 54.20		
OCO	23.00	344 eP	54 26.70	0.4	
PLO	23.08	349 eP	54 28.30	1.3	
FVM	24.44	359 iP	54 42.00	1.8	
BLA	25.15	18 P	54 49.00	1.9	
ALQ	26.09	328 eP	54 56.00	0.0	
	0.9s	5.46nm		4.2mb	
GOL	29.47	335 eP	55 26.00	-0.7	
GLA	29.91	315 eP	55 31.00	0.4	
		e	58 43.00		
RMU	30.10	325 eP	55 33.00	0.7	
BAR	31.01	313 eP	55 39.00	-1.2	
TPC	31.35	315 eP	55 44.00	0.8	
PLM	31.50	314 eP	55 45.00	0.3	
GSC	32.54	317 eP	55 53.00	-0.7	
		e	58 41.00		
PRN	32.71	321 eP	55 55.50	0.3	
MWC	32.81	314 eP	55 56.00	-0.1	
RSSD	32.86	341 eP	55 56.50	0.0	
	0.8s	7.04nm		4.6mb	
SBB	32.89	315 eP	55 56.00	-0.7	
		e	58 43.00		
YMT3	33.17	319 eP	56 00.00	0.9	
CLC	33.37	317 eP	56 00.00	-0.8	
		e	58 43.00		
RSNY	33.68	20 eP	56 02.50	-0.8	
	0.9s	8.40nm		4.7mb	
BDW	33.78	334 P	56 02.00	-2.5	
OTT	34.06	18 eP	56 07.00	0.4	
EUR	34.61	323 iP	56 11 80	0.1	
	0 5s	6.38nm		4.8mb	
MNT	34.82	20 eP	56 13.50	0.4	
MNA	35.27	320 eP	56 18.50	1.3	
BMN	35.96	323 iP	56 24.00	0.9	
	1.0s	7.25nm		4.6mb	
JAS1	36.43	318 eP	56 28.50	1.6	
ZQBO	36.57	143 Pd	56 26.50	-2.4	
		LR	07 10.00		
LPB	36.80	143 Pc	56 28.00	-2.6	
Z	17s	0.51um		4.4MszX	
		eLR	09 10.00		
CNCB	37.08	144 iP	56 31.20	-2.0	
RSON	37.43	356 iP	56 34.30	-0.8	
	1.0s	20.00nm		4.9mb	
LRM	37.46	334 eP	56 35.10	-0.6	
		e	56 42.40		
MIN	38.55	320 eP	56 44.00	-0.9	
TPZ	40.48	149 iPc	57 13.10	11.9X	
NEW	41.38	333 P	57 10.00	2.0	
FFC	42.25	350 iPc	57 14.40	-0.5	
	0.6s	7.00nm		4.6mb	
PNT	43.28	332 eP	57 23.00	-0.5	
	0.7s	19.00nm		5.0mb	
		pP	57 33.00	34kmX	
EDM	43.81	340 eP	57 27.50	-0.3	
SCH	45.08	19 ePd	57 37.00	-0.9	
BAO	50.57	123 e(P)	58 21.40	0.1	
YKC	51.98	346 eP	58 29.00	-2.3	
	0.7s	12.00nm		5.0mb	
YKA	52.03	346 eP	58 30.50	-1.1	
FRB	52.42	12 eP	58 33.00	-1.5	
SOB1	53.65	112 eP	58 45.50	1.1	
ITR	55.72	110 eP	59 01.20	1.8	
	1.1s	10.10nm		4.8mb	
INK	61.52	343 eP	59 37.00	-2.0	
MBC	64.71	353 eP	59 57.50	-2.5	
	0.7s	11.00nm		5.1mb	
		pP	00 06.50	29kmX	
ALE	69.96	4 eP	00 27.00	-5.9X	
	0.8s	15.00nm		5.1mb	
DAG	72.71	13 iPc	00 48.00	-1.5	
	0.5s	7.04nm		4.9mb	
EKA	77.25	36 P	01 14.00	-1.8	
	1.1s	9.00nm		4.7mb	
DOU	82.70	40 P	01 53.00	8.0X	
ENN	83.38	39 eP	01 48.50	0.0	
	0.9s	8.00nm		4.8mb	

		e	01 56.50		
WTS	83.64	38 eP	01 50.00	0.2	
		e	01 58.00		
NB2	83.68	29 P	01 46.20	-3.7X	
	0.9s	4.60nm		4.6mb	
KIC	83.91	85 eP	01 52.80	0.9	
KEV	86.38	18 eP	02 11.00	7.8X	
GRF	86.95	40 eP	02 07.00	0.6	
		e	02 14.60		
UPP	87 07	29 iP	02 14.80	8.2X	
SOD	87.44	20 iP	02 16.50	8.1X	
CLL	87.54	38 e(P)	02 09.00	-0.1	
		i	02 17.00		
		eSg	08 43.00		
BRG	88.24	38 eP	02 21.50	9.0X	
	1 0s	12.00nm		5.2mb	
		eSg	08 15.00		
KHC	88.58	40 Pd	02 14.10	-0.2	
		i	02 22.50		
KJF	89.42	23 eP	02 17.00	-0.9	
SUF	89.55	24 eP	02 17.00	-1.5	
NUR	89.98	27 eP	02 28.00	7.5X	
ZST	91.10	40 iP	02 35.20	9.2X	
SPC	92.64	38 eP	02 54.00	20.7X	
BUL	121.08	106 ePKP	08 16.00	0.8	
KRI	121.76	102 ePKP	08 18.00	1.4	
		i	08 26.00		
MTD	123.63	101 ePKP	08 21.00	0.9	
		i	08 31.00		
CLK	126.78	100 ePKP	08 30.20	4.0X	
WB2	137.17	255 ePKP	08 30.00	-15.8X	
		e	08 50.20		
WRA	137.18	255 PKP	08 57.00	11.2X	
	0.6s	2.90nm			
SHL	141.18	357 ePKP	08 47.00	-6 2X	
CHG	146.76	344 ePKP	09 04.50	1.9	
LOE	147.24	339 ePKP	09 04.00	0.6	
NST	149.39	341 ePKP	09 09.00	2.2X	
G8A	150.36	25 PKPc	09 10.10	1.8	
	0.2s	3.50nm			
KHT	150.70	343 ePKP	09 23.00	14.2X	
	S.D. = 1.3	on 71 of 94 obs			

JUN 22, 1985 04h 47m 32.45± 0.69s
41.893 N ± 5.4km 23.189 E ± 6.6km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

MM8	0.50	127 iPgc	47 42.00	-0.7	
		Sg	47 49.00		
VTS	0.71	1 iPgc	47 45.00	-1.4	
		iSg	47 54 00		
VAY	0.74	219 iPg	47 47.40	0.5	
		iSg	47 58.00		
KNT	0.76	197 ePg	47 46.90	-0.4	
		eSg	47 57.10		
SRS	0.83	159 ePg	47 47.60	-0.9	
		eSg	47 59.60		
SOH	1.08	173 ePg	47 52.40	-0.4	
		eSg	48 06.50		
GRG	1.11	213 ePg	47 53.50	0.3	
PLD	1.15	79 iPgd	47 54.00	0.1	
THE	1.27	188 ePg	47 56.90	0.9	
		eSg	48 14.20		
KDZ	1.64	98 iP	48 02.00	0.6	
		iS	48 21.00		
PVL	1.93	49 eP	48 07.00	1.4	
		iS	48 33.00		
	S.D. = 0.9	on 11 of 11 obs.			

? JUN 22, 1985 04h 51m 19.85± 0.78s
22.044 S ±30.7km 170.263 E ±10.7km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
LOYALTY ISLANDS REGION (189)

NOU	3.54	265 iPd	52 13.00	-0.9	
		iS	52 55.00		
KOU	5.77	284 iPc	52 45.20	-0.2	
		iS	53 53.40		
SGE	8.46	60 eP	53 23.50	0.2	
BRS	16.75	248 eP	55 18.00	4.3X	
CTA	22.48	271 iPc	56 19.90	2.1	
	0.9s	7.14nm		4.1mb	
WB2	33.55	267 eP	57 49.80	-9.2X	
WBN	39.95	255 eP	58 52.00	-1.0	
	0.5s	6.00nm		4.6mb	

TIA	76.67	318 eP	03 08.50	-0.8	
CN2	77.34	328 eP	03 12.00	-0.8	
GYA	78.20	305 eP	03 18.40	0.3	
KMI	80.56	302 eP	03 32.50	1.4	
KSP	144.80	331 ePKP	10 52.70	-2.1	
	1.0s	43.00nm			
		i	10 53.50		
EDU	145.18	353 iPKPc	10 53.30	-2.0	
EBH	145.53	354 ePKP	10 53.60	-2.3	
BRG	145.79	333 iPKPd	10 56.10	-0 4	
	1.6s	56.00nm			
SRO	145.85	326 i(PKP)	10 56.70	0.0	
CLL	145.85	334 iPKP	10 56.10	-0.5	
	1.5s	37.00nm			
EAU	145.92	354 iPKPc	10 55.80	-0.8	
PRU	146.19	332 ePKP	10 57.50	0.3	
ZST	146.22	327 ePKP	10 58.00	0.7	
		e	11 08.60		
EKA	146.39	353 PKP	10 56.90	-0.4	
	0.7s	10.10nm			
MOX	146.92	335 ePKP	11 00.00	1.7	
KHC	147.25	331 iPKP	11 00.50	1.5	
	1.2s	15.00nm			
WTS	147.48	341 ePKP	11 00.00	0.9	
KBA	148.84	329 i(PKP)	11 03.50	1.7	
	0.9s	5.90nm			
		i	11 07.90		
MEM	148.93	340 PKP	11 04.30	2.8X	
WLF	149.71	339 PKP	11 07.60	4.9X	
DOU	149.81	342 PKPc	11 07.00	4.1X	
CDF	150.38	337 ePKP	11 07.20	3.3X	
BSF	151.05	337 ePKP	11 05.80	0.8	
HAU	151.06	337 ePKP	11 09.70	4.8X	
	S.D. = 1.3	on 24 of 31 obs.			

• JUN 22, 1985 05h 54m 03.80± 0.68s
13.609 N ±11.8km 89.963 W ± 9.8km
DEPTH = 33.0km (normal)
4.7mb (17 obs.) 3.5Msz (1 obs.)
EL SALVADOR (73)

COM	3.36	322 iP	55 01.00	5.6X	
PBJ	5.96	299 iP	55 27.00	-5.2X	
		iS	56 30.00		
VHO	7.46	300 iP	55 48.00	-5.3X	
		iS	57 14.00		
PIO	8.36	290 iP	55 59.20	-6.5X	
TPM	10.24	303 iP	56 31.00	-0.8	
III	10.29	299 eP	56 28.00	-4.6X	
TAC	10.56	304 iP	56 36.00	-0.3	
IIC	10.80	306 eP	56 42.00	2.3X	
OXM	10.91	303 eP	56 40.00	-1.1	
UPA	11.21	113 e(P)	56 46.00	1.1	
	1.0s	26.00nm		5.4mb	
Z	18s	1.41um		4.3Msz	
PSO	17.57	134 eP	58 08.00	-0.3	
BOG	18.05	118 eP	58 05.00	-9.2X	
		eS	01 49.00		
JCT	19.09	333 eP	58 27.00	0.5	
	1.0s	20.00nm		4.3mb	
LTX	20.15	323 eP	58 37.10	-1.2	
	1.0s	22.00nm		4.5mb	
BHO	21.15	349 eP	58 50.20	1.8	
PRM	21.52	17 eP	58 56.10	4.0X	
RSCP	22.25	9 eP	59 04.30	4.9X	
	1.0s	56.00nm		5.0mb	
TUL	22.82	348 eP	59 08.40	3.4X	
	1.2s	30.10nm		4.7mb	
Z	18s	0.17um		3.5Msz	
OCO	22.85	344 eP	59 07.00	1.7	
RLO	22.92	349 eP	59 07.20	1.2	
FVM	24.28	359 eP	59 22.00	2.8	
BLA	25.00	18 P	59 25.00	-1.2	
ALQ	25.95	328 eP	59 35.40	0.2	
	1.0s	5.00nm		4.1mb	
GLD	29.30	336 eP	00 07.00	1.3	
GOL	29.32	335 eP	00 06.00	0.1	
GLA	29.80	315 e(P)	00 14.00	4.0X	
RMU	29.97	325 eP	00 13.00	1.3	
PRN	32.58	321 eP	00 36.00	1.4	
RSSD	32.71	341 eP	00 36.50	0.8	
	0.8s	7.04nm		4.6mb	
YMT3	33.04	319 eP	00 39.90	1.4	
RSNY	33.53	20 eP	00 42.00	-0.6	
	1.1s	11.63nm		4.7mb	
BDW	33.63	334 eP	00 43.10	-0.7	
	1.0s	4.20nm		4.3mb	

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OTT     33.91   18 eP     00 48.00    2.2
EUR     34.48  323 iP     00 51.60    0.5
        0.2s     13.12nm            5.5mb
MNT     34.68   20 eP     00 53.50    1.1
BMN     35.83  323 eP     01 03.50    1.0
        1.1s      9.74nm            4.6mb
JAS1    36.30  317 eP     01 06.50    0.2
RSON    37.27  356 eP     01 12.30   -2.0
        1 0s     16.00nm          4 8mb
LRM     37.31  334 ePd    01 15 80    0.8
FFC     42.09  350 eP     01 53.50   -0.6
        0.6s     10.00nm            4.7mb
PNT     43.14  332 eP     02 03.00    0.2
        0.8s     10.00nm            4.6mb
EDM     43.66  340 iP     02 06.00   -1.1
SCH     44.93   19 eP     02 16.00   -1.2
YKC     51.83  346 eP     03 09.00   -1.6
        0.6s      8.00nm            4.9mb
YKA     51.87  346 eP     03 10.00   -0.9
FRB     52.27   12 eP     03 12.00   -1.9
INK     61.36  343 eP     04 17.00   -1.5
MBC     64.55  353 eP     04 37.00   -2.4
        0.8s      8.00nm            4.9mb
ALE     69.80    4 eP     05 10.00   -2.4
        0.5s      3.00nm            4.6mb
DAG     72.56   13 eP     05 27.00   -2.1
BUL    121.13  105 iPKPc   12 56.20    0.4
KRI    121.80  101 iPKPc   12 58.00    0.9
MTD    123.67  101 iPKPc   13 01.00    0.3
WB2    137.20  255 ePKP    13 28.20    1.8X
WRA    137.21  255 PKPd    13 28.00    1.6X
        0.6s      1.50nm
CHG    146.61  345 ePKP    13 43.50    0.6
GBA    150.22   25 PKP     13 53.00    4.4X
                  e        14 27.00
      S.D  = 1.4  on  43 of  57 obs.

   JUN  22,  1985  05h 54m 54.20± 0.82s
   22.735 S ± 5.8km   68.617 W ± 9.1km
   DEPTH =  99.3 ±  9.9 km
   4.9mb (  3 obs.)
 NORTHERN CHILE                    (123)

TPZ     1.27  356 iPc    55 46.00   27.7X
ANT     1 92  239 iPc+   55 27.50    1.4
                  iS     55 50.80
YJA     2.94   80 iPc    55 46.00    5.7X
                  (S)    56 25.00
SLA     3.48  125 iPd    55 54.80    7.3X
                  S      56 39.00
CNCB    5.93    6 iP     56 22.70    1.1
                  iS     57 23.00
LPB     6.19    5 eP     56 26.00    0.9
                  i      56 45.20
                  LR     58 40.00
CYA     6.23  156 e(P)   56 29.00    3.8X
ZOBO    6 45    4 Pc     56 28.80    0.0
                  S      57 12.50
                  LR     08 15.00
ARE     6 80  336 eP     56 28.00   -5.4X
                  iS     57 42.00
CFA     8 84  178 ePd    57 00 80   -0.2
TCA     9.29  158 ePc    57 07.60    0.5
JACH   10 06  190 eP     57 15.00   -2.5
ROCH   10.41  191 iP     57 27.60    5.2X
FCH    10.66  188 eP     57 24.00   -1.7
PCH    10.97  188 eP     57 33.00    3.3X
TACH   11.07  190 eP     57 31.50    0.7
LNV    11.45  192 eP     57 37.00    1.2
RFA    11.99  179 ePd    57 40.80   -2.3
ITB1   13 17  101 iPd    58 08.50    9.9X
ITB    13.35  102 Pd     58 01.20    0.3
ITB7   13.42  103 iPd    58 01.60   -0.2
VBA    16.30  161 ePd    58 42.60    4.2X
BAO    20.71   74 Pd     59 28.30   -0.4
ATB    25.02   42 Pd     00 09.90   -0.6
SOB1   29.78   68 eP     00 53.50   -0.3
                  e      00 54.70
                  e      00 56.40
ITR    32.12   69 eP     01 13.30   -1.0
                  e      01 13.90
BHO    62.04  336 e(P)   05 05.30   -1.0
RLO    63.68  336 iP     05 15.90   -1.2
TUL    63.75  336 eP     05 15.40   -2.1
        0.8s     15.80nm            5.0mb
SPA    67.40  180 iPd    05 43.60    2.7
        1.0s     19.00nm            5.0mb

                  e      06 10.20
ALQ    67.67  327 eP     05 42.30   -0.7
        0.9s      7.35nm            4.6mb
KIC    68.79   73 eP     05 50.30    0.3
SBA    74.67  190 e(P)   06 26.50    2.5
SCH    77.25    1 eP     06 38.00   -0.6
EDM    84.99  335 ePd    07 18.40   -1.0
BUL    88.72  111 iPc    07 41.10    2.7
YKC    92.38  341 eP     07 55.00    0.8
YKA    92.44  340 eP     07 55.20    0.8
MTD    92.66  109 eP     07 36.00  -20.6X
WRA   132.02  210 PKPd    14 00.40    2 0X
        0.7s      2.80nm
      S.D. = 1.5  on  29 of  40 obs.

   JUN  22,  1985  07h 58m 33.83± 0.78s
   37.278 N ± 4.2km   36.978 E ± 3.9km
   DEPTH =  30.0 ±  6.6 km
   4.5mb ( 10 obs.)
 TURKEY                            (366)

BHL     3.54  198 Pnc    59 28.50    0.4
                  Sn     00 28.00
CSS     3.75  233 eP     59 33.50    2.5X
ADI     4.43  199 iP     59 40.50   -0.2
RTB     4.98  146 ePn    59 54.50    6.1X
                  iP*    00 09.50
                  iPg    00 22.50
                  iSn    01 08.00
                  iS*    01 27.50
                  iSg    01 41.00
                  i      01 58.00
MSL     5.03   98 ePnc   59 49.00   -0.2
                  iP*    00 03.50
                  iPg    00 12.00
                  iSn    01 01.80
                  iS*    01 26.00
                  e      02 04.50
JER     5.69  195 eP     59 58.50    0.0
                  e(S)   01 30.50
YER     6.94  271 ePn    00 17.40    1.2
DST     6.95  292 ePn    00 16.40    0.1
PRNI    7.11  194 eP     00 18.00   -0.5
TAB     7.46   81 eP     00 48.00   24.5X
IZM     7.77  281 ePn    00 27.00   -0.8
KER     8.73  107 e(P)   01 08.00   26.8X
SRO    17.28  313 eP     02 40.50    6.2X
MHI    18.06   86 eP     02 44.00   -0.2
ZST    18.17  313 e(P)   02 50.80    5.4X
KBA    20.00  307 e(P)   03 07.00    0.1
        1.0s     12.00nm            4.2mb
                  i      03 14.40
KSP    20.03  319 eP     03 07.00    0.0
PRU    20.52  315 P      03 12.20    0 1
CLL    22.03  317 eP     03 32.00    4.7X
LPG    24.01  300 eP     03 50.00    2.9X
        0.7s      6.30nm            4.3mb
BSF    24.46  305 eP     03 51.30    0.0
        1.0s     25.90nm            4.8mb
NUR    24.54  345 eP     03 52.00    0.3
HAU    24.80  305 eP     03 54.00   -0.4
        0.8s     12.90nm            4.6mb
UPP    25.78  337 iP     04 04.10    0.7
SMF    26.19  301 eP     04 06.80   -0.7
        0.8s      8.50nm            4.4mb
KJF    27.53  351 eP     04 18.00   -1.4
NB2    28.78  334 P      04 31.10    0.3
        0.9s      1.80nm            3.8mb
BNG    36.79  212 iPç    05 41.00    0.2
        1.0s     11.90nm            4.7mb
DMN    41.37   89 eP     06 20.20    1.1
        0.7s     13.00nm            4.8mb
KKN    41.43   89 eP     06 19.70    0.1
        0.6s     13.00nm            4.8mb
PKI    41.63   89 eP     06 21.40    0.1
        0.6s      6.00nm            4.5mb
MTD    54.01  186 eP     07 57.00   -0.5
KRI    54.26  189 eP     08 03.00    3.5X
BUL    57.65  189 eP     08 24.00    0.2
      S.D. = 0.6  on  25 of  34 obs.

&  JUN  22,  1985  08h 10m 16.82s
   58.199 N           151.459 W
   DEPTH =  45.1km
 KODIAK ISLAND REGION              ( 13)
      <AGS-P>.

KDC     0.71  231 iP     10 29.91   -0.7
                  eS     10 39.72
AUI     1.53  319 eP     10 43.13    1.0
BRLK    1.60   10 iP     10 42.41   -0.7
                  eS     11 01.49
NNL     1.85    3 eP     10 46.44   -0.2
ILM     2.11  341 iP     10 49.48   -0.8
PDB     2.13  320 eP     10 50.00   -0.6
SEW     2.17   28 eP     10 49.73   -1.4
SLKM    2.40   15 eP     10 53.31   -1.2
                  eS     11 20.70
RDT     2.43  349 iP     10 53.46   -1.5
                  eS     11 22.08
MPA     2.54   24 eP     10 55.09   -1.3
PTE     2.95   24 eP     11 00.60   -1.7
SPU     3.01  354 eP     11 01.43   -1.8
                  eS     11 37.05
CRP     3.10  354 eP     11 03.22   -1.4
CGLM    3.13  355 eP     11 03.29   -1.7
PMS     3.20   17 eP     11 04.59   -1.4
SUA     3.30    6 eP     11 05.67   -1.7
HIN     3.36   47 eP     11 06.93   -1.3
GLI     3.49   38 eP     11 08.31   -1.6
FID     3.61   43 eP     11 09.10   -2.5
VZW     3.80   39 eP     11 12.40   -2.0
GHO     3.80   18 eP     11 12.86   -1.6
VLZ     3.93   39 eP     11 14.56   -1.5
KLU     4.33   38 eP     11 20.16   -1.7
      23 obs. associated

*  JUN  22,  1985  08h 26m 17.97± 1.79s
   63.741 N ± 8.5km   146.145 W ±21.0km
   DEPTH =  33.0km  (normal)
 CENTRAL ALASKA                    (  1)
      ML 2.9 (PMR).

FBA     1.37  329 eP     26 40.10   -0.8
TOA     1.64  180 eP     26 45.60    0.6
PME     2.50  213 eP     26 56.60   -0.6
PMS     2.96  214 eP     27 03.50   -0.3
IMA     3.97  309 eP     27 19.00    0.9
TTA     4.52  264 eP     27 26.20    0.3
INK     6.88   43 eP     28 06.00    7.0X
      S.D. = 0.9  on   6 of   7 obs.

?  JUN  22,  1985  08h 29m 54.58± 2.95s
    7.447 N ±25.9km   126.668 E ±18.7km
   DEPTH = 131.5 ± 15.3 km
   4.9mb (  4 obs.)
 MINDANAO, PHILIPPINE ISLANDS      (259)

CGP     2.20  297 iPc    30 30.60   -0.9
                  iS     30 57.20
MAP     3.90  317 iPc    30 55.00    1.2
                  iS     31 40.00
QIZ    20.00  307 eP     34 19.40    0.4
GZH    20.15  322 eP     34 20.50    0.0
GYA    26.82  317 P      35 25.60    1.0
WB2    28.25  165 eP     35 48.30   10.9X
                  e      36 06.70
MAT    30.82   18 eP     35 59.00   -1.1
XAN    31.13  331 P      36 01.60   -1.2
CD2    31.69  320 eP     36 08.80    1.0
BJI    33.79  345 eP     36 25.00   -0.8
HYB    47.90  287 eP     38 22.30    0.6
GBA    48.72  282 Pd     38 27.70   -0 2
        0.7s     10.10nm            4.7mb
WMQ    49.69  323 P      38 35.70    0 6
NDI    51.10  301 iPd    38 44.80   -1.2
        0.6s     26.67nm            5 3mb
QUE    60.17  300 eP     39 51.00   -0 2
SOD    87.03  338 iP     42 25.90   -0.1
KJF    87.24  334 iP     42 27.00    0.0
        0.6s     11.70nm            5.0mb
SUF    88.23  333 eP     42 31.00   -0.8
NB2    95.45  334 P      43 04.50   -0.9
        0.9s      1.80nm            4.5mb
YKA    96.16   24 eP     43 11.00    2.5
      S.D. = 1.1  on  19 of  20 obs.

   JUN  22,  1985  10h 32m 56.19± 0.96s
   22.671 N ± 5.4km   121.484 E ± 6.2km
   DEPTH =  39.1 ±  8.5 km
   4.9mb ( 14 obs.)
 TAIWAN REGION                     (243)

TWK     1.09  303 iPc    33 13.10   -2.2
```

22d 10h

TWD	1.41	4	eP	33 20.50	0.8
TWQ	1.70	340	iPd	33 24.50	0.5
			eS	33 45.00	
TWC	1.96	10	ePc	33 28.60	1.0
TATO	2.29	0	eP	33 33.50	1.1
TWZ	2.42	2	eP	33 35.50	1.3
ANP	2.50	1	ePc	33 38.00	2.6X
	0.7s	438.36nm			
			eS	34 11.80	
OZH	3.48	311	Pnd	33 46 30	-3 0X
			Pg	33 56.70	
			Sn	34 24.00	
HKC	6.77	268	iP	34 33.50	-2.2
			iS	35 46.50	
MCG	7.35	267	eP	34 40.50	-3.4X
GZH	7.52	275	Pnd	34 43.20	-3.0X
			Sn	36 01.20	
SSE	8.40	358	eP	34 58.00	-0.3
			Lg	36 49.50	
			e	37 03.50	
NJ2	9.63	347	eP	35 12.20	-3.1X
			iS	36 55.00	
WHN	10.11	322	P	35 18.00	-3.9X
			S	37 03.00	
OIZ	11.47	254	eP	35 39.40	-1.1
GIA	14.00	289	P	36 12.80	-1.5
			S	38 37.80	
			Lg	40 07.40	
XAN	15.81	318	eP	36 38.80	1.1
KMI	17.31	282	eP	36 58.50	1.6
			pP	37 10.00	
			eS	39 34.00	
CD2	17.81	301	eP	37 02.50	-0.4
BJI	17.89	347	eP	37 04.00	0.3
SNY	19.18	5	eP	37 17.60	-1.8
LOE	19.28	258	eP	37 24.00	3.3X
HHC	19.96	337	eP	37 27.40	-0.6
MAT	20.02	43	eP	37 28.00	-0.6
	0.9s	17.65nm		4.4mb	
			eS	41 00.00	
LZH	20.33	315	Pd	37 32.50	0.6
	2.0s	112.00nm		4.9mb	
BTO	20.33	334	eP	37 31.00	-0.9
NST	21.32	255	eP	37 43.50	1.5
CN2	21.33	8	eP	37 40.50	-1.4
CHG	21.42	264	iPd	37 44.80	1.8
	1.0s	40.00nm		4.8mb	
			eS	41 48.00	
MDJ	22.88	15	eP	37 57.00	-0.3
GTA	24.86	317	P	38 18.30	1.6
IPM	26.74	231	ePd	38 35.60	1.4
SHL	27.15	282	iP	38 38.20	0.2
LSA	28.05	291	P	38 46.50	-0.1
PSI	29.55	231	P	38 59.50	-0.1
	1.1s	25.80nm		4.9mb	
PKI	32.95	286	eP	39 29.70	-0.1
	0.9s	26.00nm		5.1mb	
KKN	33.07	286	eP	39 30.70	0.0
	0.9s	41.00nm		5.3mb	
DMN	33.22	286	eP	39 32.40	0.3
	1.0s	40.00nm		5.3mb	
WMO	34.91	315	eP	39 47.50	1.2
WRA	44.18	163	Pc	41 02.60	-0.6
	0.9s	5.10nm		4.3mb	
WB2	44.18	163	eP	41 01.70	-1.5
NAU	45.32	188	iPd	41 13.50	1.3
	0.5s	11.00nm		5.0mb	
WBN	48.77	174	iPc	41 40.00	0.7
	0.5s	19.00nm		5.4mb	
CTA	48.90	148	iPd	41 42.00	1.6
	0.9s	8.40nm		4.8mb	
			i	43 05.00	
QUE	49.02	291	eP	41 41.00	-0.6
MEK	49.07	183	iPd	41 41.60	-0.1
	0.4s	17.00nm		5.4mb	
MRWA	51.86	186	iPd	42 02.50	-0.3
BRS	58.24	147	P	42 47.50	-1.7
KEV	70.48	338	eP	44 07.00	-1.3
SOD	71.15	336	iP	44 11.70	-0.7
KJF	71.46	333	iP	44 13.00	-1.3
	0.6s	10.40nm		5.0mb	
SUF	72.51	331	iP	44 19.50	-1.1
	0.5s	3.00nm		4.5mb	
NUR	73.82	329	eP	44 27.00	-1.2
INK	74.53	22	eP	44 31.00	-1.3
MBC	74.67	13	eP	44 32.00	-1.0
UPP	77.34	330	iP	44 47.60	-0.6

KSP	81.78	322	eP	45 13.50	1.2
PRU	83.17	322	eP	45 20.00	0.5
			e	45 26.70	
CLL	83.42	323	iP	45 22.60	1.8
KHC	84.12	321	eP	45 25.40	0.9
YKA	84.25	23	eP	45 27.20	2.4

S.D. = 1.2 on 54 of 61 obs.

& JUN 22, 1985 12h 06m 13.63s
61.624 N 146.409 W
DEPTH = 25.9km
SOUTHERN ALASKA (2)
<AGS-P>. ML 3.7 (PMR).

KLU	0.27	119	iP	06 21.08	0.7
			eS	06 26.84	
SCM	0.49	296	iP	06 23.12	-0.6
TOA	0.50	13	eP	06 23.20	-0.6
VLZ	0.50	176	iP	06 23.48	-0.3
VZW	0.57	187	iP	06 24.56	-0.5
TSIM	0.65	127	iP	06 25.73	-0.7
TTV	0.67	211	iP	06 26.52	-0.1
KMP	0.67	99	iP	06 25.96	-0.8
CFI	0.79	236	iP	06 27.91	-0.7
GLI	0.82	204	iP	06 28.49	-0.6
FID	0.88	182	iP	06 29.57	-0.6
SML	0.93	282	iP	06 29.36	-1.7
KNK	1.00	259	eP	06 31.29	-0.7
			eS	06 44.82	
BMRM	1.11	126	iP	06 31.94	-1.6
CVA	1.13	163	iP	06 33.27	-0.5
GHO	1.21	278	iP	06 33.49	-1.5
			eS	06 50.23	
CSG	1.23	141	iP	06 35.52	0.3
			eS	06 53.26	
HIN	1.23	182	iP	06 35.52	0 2
MSE	1.24	281	iP	06 33 66	-1.8
PME	1.25	271	eP	06 35.00	-0 5
GLB	1.26	97	iP	06 34.45	-1 2
			eS	06 49.51	
SGAM	1.27	152	iP	06 35.34	-0.4
PTE	1.48	240	iP	06 38.62	-0.1
RAGM	1.50	145	iP	06 40.05	0.9
PMS	1.56	257	iP	06 39.99	0.0
PWA	1.66	272	iP	06 40.94	-0.4
HMT	1.66	140	iP	06 41.10	-0.4
MTG	1.80	198	eP	06 43.18	-0.2
MPA	1.83	233	eP	06 43.30	-0.6
KAIM	1.96	149	eP	06 45.71	-0.1
SUK	2.02	139	eP	06 48 41	1.8
BALM	2.05	105	iP	06 46.28	-0 8
SUA	2.08	267	eP	06 46.85	-0 8
			eS	07 14.77	
WAX	2.09	123	iP	06 46.99	-0 8
SEW	2.13	226	eP	06 48.54	0.4
SLKM	2.17	241	eP	06 48.44	-0.3
SNH	2.27	128	eP	06 51.29	1.1
SKT	2.46	281	iP	06 52.03	-0.9
YKGM	2.50	127	eP	06 55.40	2.0
CTGM	2.54	103	eP	06 53.91	-0.2
YAH	2.60	117	eP	06 53.93	-1.2
CGLM	2.71	266	eP	06 55.27	-1.2
SPU	2.75	263	eP	06 55.69	-1.3
CRP	2.78	265	eP	06 56.50	-1.1
NNL	2.87	239	eP	06 58.63	0.0
BRLK	2.89	232	iP	06 57.82	-1.1
AGAM	3.01	117	eP	07 01.65	0.9
RDT	3.10	253	eP	07 00.33	-1.7
FBA	3.35	350	eP	07 03.40	-2.0
PCA	3.38	114	eP	07 04.60	-1.3
ILM	3.45	248	eP	07 05.22	-1.7
BCPM	3.72	114	eP	07 08.97	-1.8
PNL	3.97	117	eP	07 14.21	-0.1
DWY	4.02	50	P	07 13.90	-1.1
			S	08 20.90	
HON	4.31	117	eP	07 17.74	-1.4
SVW	4.46	267	eP	07 18.00	-3.4
TTA	4.67	290	eP	07 21.20	-3.2
KDC	4.96	221	eP	07 25.60	-2.7
INK	8.63	34	eP	08 18.00	-1.7
YKA	14.85	73	eP	09 41.40	-2.0
YKC	14.92	73	eP	09 41.00	-3.2
MBC	17.29	21	eP	10 13.00	-1.4
NEW	21.25	116	eP	10 59.00	-0 7
BDW	28.84	114	eP	12 10.00	-1.9

64 obs. assaciated

JUN 22, 1985 12h 41m 03.16± 0.33s
29.517 N ± 7.3km 61.142 E ± 3.7km
DEPTH = 33.0km (normal)
5.0mb (20 obs.) 4.4Msz (1 obs.)
PAKISTAN (354)
Felt at Zahedan, Iran.

KHI	5.08	336	eP	42 18.60	-0.6
QUE	5.09	81	eP	42 20.50	1.2
			eS	43 20.00	
MHI	6.90	349	iPc	42 45.80	1.0
			e	43 10.00	
			eS	44 10.00	
SHI	7.50	273	eP	42 53.00	-0.2
KER	12.86	296	e(P)	44 16.00	9.6X
NDI	14.08	89	eP	44 18.00	-4.4X
			eS	47 22.00	
DDI	14.69	83	eP	44 29.00	-1.5
TAB	14.97	309	e(P)	44 38.00	3.9X
KSH	15.73	47	P	44 44.00	0.1
POO	15.93	131	eP	44 51.00	4.4X
MSL	16.57	299	ePc	44 53.00	-1.5
			e	47 02.00	
			e	48 04.50	
RTB	18.16	287	ePc	45 08.50	-5.9X
			eS	48 35.50	
			iLQ	51 10.50	
			i	54 13.00	
HYB	19.97	123	eP	45 36.50	0.9
DMN	21.13	89	eP	45 48.60	0.8
KKN	21.25	89	eP	45 48.90	0.0
PKI	21.40	89	eP	45 50.60	0.0
GBA	21.87	133	P	45 54.10	-0.9
HRI	21.99	286	iP	45 58.50	2.3
BHL	22.10	288	P	45 59.50	2.2
			S	50 10.50	
JER	22.42	282	eP	46 01.50	1.0
PRNI	22.66	279	eP	46 04.00	1.2
WMO	25.50	49	Pc	46 30.20	0.1
SHL	27.50	91	eP	46 47.00	-1.8
			eS	52 18.00	
VRI	31.45	311	eP	47 22.00	-1.7
MLR	31.85	310	eP	47 30.00	2.7
GTA	33.16	62	Pc	47 38.80	0.0
VAY	33.31	301	eP	47 39.00	-0.9
SKO	34.24	302	eP	47 49.00	1.0
OHR	34.61	301	eP	47 49.00	-2.2
CHG	35.96	99	iPc	48 02.60	-0.2
	1.1s	15.82nm		4.9mb	
LZH	36.27	68	iPc	48 06.00	0.5
SPC	36.66	314	eP	48 10.30	1.6
CD2	36.69	77	eP	48 09.60	0.6
KMI	37.08	87	eP	48 11.50	-1.0
			sP	48 23.50	
KRA	37.11	315	iPc	48 12.80	0.6
	1.0s	42.00nm		5.3mb	
Z	14s	2.60um		5.2MszX	
N	14s	1.80um			
E	14s	2.10um			
			e	48 15.90	
			i	48 21.10	
SRO	37.54	311	e(P)	48 19.70	3.9X
ZST	38.42	312	e(P)	48 23.50	0.3
NUR	39.40	332	iP	48 30.60	-0.6
	0.7s	157.50nm		5.9mb	
Z	16s	1.70um		5.0MszX	
			i	48 35.00	
			ePP	50 08.00	
			eS	54 36.00	
KSP	39.57	315	eP	48 33.50	0.7
GYA	40.12	83	eP	48 40.00	2.2
SUF	40.18	336	eP	48 37.00	-0.6
	0.8s	3.20nm		4.1mb	
PRU	40.45	314	P	48 44.00	4.0X
Z	15s	1.00um		4.8MszX	
N	15s	0.50um			
E	15s	1.00um			
XAN	40.58	71	P	48 40.70	-0.7
KJF	40.62	338	eP	48 40.00	-1.2
			ePP	50 16.00	
			eS	54 52.00	
			eSS	57 32.00	
KBA	40.71	309	iPc	48 42.70	0.3
	1.0s	13.40nm		4.6mb	
			i	48 46.90	
KHC	40.89	312	iPd	48 44.00	0.3
Z	14s	0.50um		4.5MszX	

E 14s 0.50um

BRG 41.02 315 eP 48 45.50 0.8
2.0s 44 00nm 4.8mb
BTO 41.04 61 eP 48 46.00 0.9
BHG 41.12 310 iPd 48 45.60 0.0
CLL 41.70 315 iPc 48 51.40 1.2
1.6s 82 00nm 5.2mb
UPP 42 08 329 iP 48 53.30 0.1
HHC 42 21 60 eP 48 55.50 0.7
MOX 42 42 314 eP 48 57.00 0.8
Z 16s 0.70um 4.6MszX
N 19s 9.30um
e 49 00.00
e 51 13.00
e 55 25.00
GRF 42.51 313 eP 48 58.00 1.1
Z 18s 0.40um 4.4Msz
TIY 43.04 65 P 49 01.60 0.1
eS 55 27.00
SOD 43.12 341 iP 49 02.10 0.4
HFS 44.00 328 eP 49 08.40 -0.4
0.7s 19.30nm 5.0mb
Z 15s 1.72um 5.1MszX
LR 09 12.00
PSI 44.68 120 ePd 49 14.80 -0.1
0.9s 21.10nm 5.0mb
KEV 44.71 344 iP 49 15.00 0.5
0.6s 13.00nm 5.0mb
Z 16s 2.30um 5.2MszX
ePP 51 08.00
eS 55 54.00
eSS 59 08.00
CDF 44.93 310 eP 49 15.00 -1.7
ECH 44.99 310 iPc 49 16.60 -0.5
BSF 45.21 310 eP 49 17.00 -2.0
NB2 45.47 329 P 49 18.70 -2.0
1.0s 26.90nm 5.1mb
WTS 45.61 315 eP 49 24.00 2.1
8JI 45.77 61 P 49 23.50 0.2
MEM 45 95 313 P 49 25.80 1.2
ENN 46.02 314 eP 49 28.00 2.9X
DOU 46.81 313 P 49 34.50 3.1X
S 56 31.00
TIA 46.95 67 eP 49 32.30 -0.4
LBF 47.09 308 eP 49 31.80 -1.9
1.2s 21.10nm 5.0mb
LOR 47.17 309 eP 49 32.60 -1.8
SMF 47.18 308 eP 49 33.00 -1.4
BNG 47.36 247 iPc 49 35.50 -0.7
1.1s 18.50nm 5.0mb
SSF 47.41 308 eP 49 34.80 -1.4
1.4s 39.20nm 5.2mb
GRC 47 71 309 iPc 49 38.20 -0.3
SNY 51.16 58 eP 50 04.60 -0.5
CN2 52.29 56 Pc 50 12.80 -0.8
pP 50 19.00 21kmX
e(S) 57 40.00
TOL 53.52 300 eP 50 22.00 -0.8
DAG 59.19 345 iPc 51 01.20 -1.6
0.7s 8.22nm 5.0mb
ALE 65.01 353 eP 51 41.00 -0.6
MBC 74 50 0 eP 52 39.00 -0.5
0.5s 5.00nm 4.8mb
FRB 78 96 340 eP 53 05.00 0.3
IMA 81 05 14 eP 53 16.40 0.4
INK 81.88 5 eP 53 20.00 -0.1
TTA 83.22 16 eP 53 28.10 0.8
FBA 83 23 12 eP 53 27.40 0.2
1.0s 15.00nm 5.1mb
WRA 85.94 115 Pc 53 40.60 -0.9
1 9s 42.00nm 5.3mb
PME 85 95 14 eP 53 41.30 0.4
1.0s 3.70nm 4.6mb
WB2 85.95 115 eP 53 41.70 0.2
ASPA 87.64 119 eP 53 50.00 0.3
YKA 88.25 358 eP 53 53.80 1.8
YKC 88.26 358 eP 53 52.00 -0.1
0.8s 10.00nm 5.2mb
S.D. = 1.1 on 83 of 92 obs.

? JUN 22, 1985 12h 47m 46.15± 5.13s
39.159 N ±15.5km 26.068 E ±48.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN 0.70 17 ePg 47 59.90 0.0
iSg 48 13.80

IZM 1.20 129 ePn 48 08.60 0.0
KGT 1.60 36 iPn 48 14.80 0.2
EDC 1.82 49 ePn 48 17.00 -0.8
KCT 2.07 58 eP 48 22.00 0.5
S.D. = 0.7 on 5 of 5 obs.

? JUN 22, 1985 13h 50m 03.92± 5.22s
45.927 N ±15.6km 4 256 W ±41.4km
DEPTH = 10.0km (geophysicist)
BAY OF BISCAY (539)
ML 2.8 (LDG).

MFF 2.93 75 Pn 50 53.10 1.7
LPF 3.05 45 Pn 50 53.60 0.6
GRR 3.38 42 Pn 50 58.00 0.2
LFF 3.65 104 Pn 51 02.40 0.8
FLN 3.82 41 Pn 51 03.80 -0.3
LPO 4.04 106 Pn 51 06.90 -0.2
LSF 4.04 83 Pn 51 07.50 0.4
RJF 4.10 97 Pn 51 07.80 -0.1
TCF 4.51 83 Pn 51 13.80 -0.1
CAF 4.56 100 Pn 51 14.00 -0.6
MZF 4.77 84 Pn 51 17.70 0.2
BGF 4.97 80 Pn 51 20.40 0.1
AVF 5.34 78 Pn 51 25.60 0.1
SSF 5.48 75 Pn 51 27.70 0.1
SMF 5.66 80 Pn 51 28.80 -1.3
LOR 5.75 74 Pn 51 30.80 -0.6
LBF 5.79 77 Pn 51 31.60 -0.3
DDU 7.25 52 P 51 51.80 -0.7
S.D. = 0.7 on 18 of 18 obs.

? JUN 22, 1985 14h 09m 13.23±10.14s
61.651 N ±60.5km 8.442 E ±56.4km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.9 (BER).

HYA 1.19 247 iPg 09 35.40 0.0
eSg 09 50.40
SUE 1.87 253 iPn 09 45.60 0.1
iSn 10 05.50
ODD 1.92 208 iPn 09 45.90 -0.3
eSn 10 04.00
ASK 1.97 235 iPn 09 46.50 -0.4
eSn 10 05.50
KMY 2.91 214 ePn 10 01.00 0.6
eSn 10 32.90
S.D. = 0.5 on 5 of 5 obs.

& JUN 22, 1985 16h 08m 13.34s
62.111 N 150.833 W
DEPTH = 71.8km
CENTRAL ALASKA (1)
<AGS-P>.

SKT 0.35 249 iP 08 24.81 -0.5
eS 08 33.44
PWA 0.65 135 iP 08 27.18 -0.8
SUA 0.65 176 iP 08 27.44 -0.7
eS 08 40.78
MSE 0.92 106 iP 08 30.65 -0.7
eS 08 44.24
GHO 0.96 110 iP 08 31.35 -0.5
eS 08 45.21
CGLM 0.98 215 iP 08 31.57 -0.5
PME 0.98 119 iP 08 31.35 -0.6
eS 08 46.02
CRP 1.06 217 eP 08 32.76 -0.3
PMS 1.06 145 eP 08 32.22 -0.8
eS 08 46.49
SPU 1.10 213 iP 08 33.08 -0.4
eS 08 47.53
SML 1.22 103 iP 08 34.43 -0.6
KNK 1.33 121 iP 08 36.02 -0.5
NKA 1.39 188 eP 08 39.12 1.9
PTE 1.52 144 iP 08 37.71 -1.3
SLKM 1.64 169 eP 08 39.81 -0.8
SCM 1.68 98 eP 08 41.00 -0.3
RDT 1.72 207 eP 08 41.48 -0.3
CFI 1.74 121 iP 08 40.79 -1.1
MPA 1.78 156 eP 08 41 35 -1.1
TTV 2.07 119 eP 08 45.54 -1.0
SEW 2.12 161 eP 08 48 62 1.4
ILM 2.16 207 eP 08 47.70 -0.2
GLI 2.18 123 iP 08 46.30 -1.8
TOA 2.19 88 eP 08 48.56 0.3

VZW 2.30 115 eP 08 48.63 -1.2
BRLK 2.36 181 eP 08 51.10 0 6
VLZ 2.36 113 eP 08 48.85 -1.7
KLU 2.41 103 iP 08 50.23 -1.2
FID 2.50 121 eP 08 50.01 -2 5
SVW 2.50 248 iP 08 51.93 -0.6
TTA 2.54 291 eP 08 53.06 -0.1
HIN 2.71 127 eP 08 53.24 -2.2
KMP 2.82 100 eP 08 55.80 -1.3
SGAM 3.16 118 eP 09 02.21 0.5
BALM 4.20 101 eP 09 14.58 -1.8
YAH 4.73 108 eP 09 22.14 -1.8
DWY 5.53 64 P 09 36.30 1.3
37 obs. associated

& JUN 22, 1985 16h 30m 19.96s
61.592 N 151.595 W
DEPTH = 77.2km
SOUTHERN ALASKA (2)
<AGS-P>.

CGLM 0.35 215 iP 30 32.00 -0.5
SKT 0.39 5 iP 30 32.01 -0.7
eS 30 41.87
CRP 0.42 220 iP 30 32.73 -0.4
eS 30 42.99
SUA 0.43 107 iP 30 33.20 0.0
eS 30 43.00
SPU 0.47 208 iP 30 32.83 -0.6
eS 30 43.12
PWA 0.82 85 iP 30 36.77 -0.2
NKA 0.87 168 eP 30 38.78 1.3
PMS 1.04 109 iP 30 39.31 -0.3
RDT 1.10 201 eP 30 39.90 -0.5
PME 1.23 87 eP 30 39.60 -2.3
MSE 1.28 78 iP 30 41.82 -0.9
eS 30 59.23
SLKM 1.28 148 iP 30 41.47 -1.2
GHO 1.29 81 iP 30 41.91 -0.9
eS 30 59.63
PTE 1.44 119 iP 30 43.50 -1.3
eS 31 02.49
KNK 1.52 95 eP 30 44.57 -1.2
eS 31 04.48
ILM 1.54 203 eP 30 45.42 -0.6
MPA 1.55 135 iP 30 45.19 -1.0
SML 1.57 81 iP 30 44.92 -1.6
SEW 1.83 144 eP 30 48.88 -1.0
BRLK 1.87 169 eP 30 50.28 -0.3
SVW 2.00 258 eP 30 51.20 -1.2
SCM 2.05 81 eP 30 51.42 -1.6
PDB 2.22 216 eP 30 53.64 -1.6
TTV 2.22 102 eP 30 53.41 -2.0
GLI 2.29 106 iP 30 53.55 -2.8
TTA 2.46 305 eP 30 57.10 -1.7
VZW 2.49 100 iP 30 56.46 -2.7
VLZ 2.58 98 eP 30 57.70 -2.5
FID 2.62 107 eP 30 57.33 -3.6
TOA 2.62 76 eP 30 59.40 -1.6
KLU 2.72 90 eP 30 59.51 -2.8
HIN 2.76 114 eP 31 00.00 -2.8
KMP 3.14 89 eP 31 04.94 -3.3
FBA 3.74 26 eP 31 15.00 -1.4
KDC 3.88 187 eP 31 16.30 -2.1
IMA 4.59 349 eP 31 25.70 -2.8
DWY 6.10 61 P 31 49.00 -0.3
Lg 33 23.00
37 obs. associated

• JUN 22, 1985 17h 30m 14.41± 2.58s
32.905 S ± 9.3km 71.759 W ±22.9km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
Felt (II) at Santiago.

PEL 0.93 105 iP 30 31.60 0.4
iS 30 43.30
JACH 1.01 78 iPc 30 31.90 -0.4
LNV 1.09 165 iPd 30 33.50 0.2
BACH 1.15 113 iPc 30 34.20 -0.2
CHCH 1.38 138 iPc 30 37.60 0.0
MDZ 2.45 90 eP 30 53.80 0.8
eS 31 10.70
RTCB 2.88 61 iPc 30 59.60 0.5
S 31 33 20
RTCV 2.92 70 ePc 30 59.50 -0.1
S 31 33.20

22d 17h

ZON	2.94	63	eP	31 03.00	3.1X
RTLL	3.20	62	ePc	31 03.00	-0.6
			(S)	31 37.80	
CFA	3.25	67	ePd	31 04.00	-0.3
			S	31 40.80	
RFA	3.31	125	ePc	31 04.40	-0.8
TCA	6.28	78	iPc	31 42.70	-4.5X
			S	32 47.50	

S.D. = 0.6 on 11 of 13 obs

? JUN 22, 1985 18h 43m 59.00± 10.42s
9.814 S ±25.6km 41.402 E ±130.km
DEPTH = 10.0km (geophysicist)
NORTHWEST OF MADAGASCAR (574)

CLK	8.56	226	iPn	46 05.50	-0.5
			eSn	47 28.50	
NAI	9.64	331	eP	46 21.00	0.0
	0.7s		12.33nm		5.4mb X
MTD	11.80	233	iPn	46 51.00	0.5
			iSn	48 50.00	
			eLg	49 59.00	
KRI	13.42	237	iPn	47 12.00	-0.3
			iSn	49 28.00	
BUL	16.05	229	iPnd	47 47.00	0.3
			eSn	50 32.00	
			eLg	52 12.00	

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

% JUN 22, 1985 20h 47m 41.06± 1.60s
46.921 N ±13.0km 0.549 W ±19.7km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.7 (LDG).

MFF	0 42	139	Pg	47 48.90	-0.8
			Sg	47 55.50	
LPF	1 16	343	Pg	48 01.80	-0.9
			Sg	48 16.00	
GPR	1.48	352	Pg	48 07.50	-0.2
			Sg	48 27.60	
LSF	1.58	114	Pg	48 10.90	1.7
			Sg	48 32.40	
FLN	1.84	1	Pg	48 14.30	1.3
			Sg	48 38.40	
TCF	2.01	107	Pn	48 15.00	-0.4
			Pg	48 18.80	
			Sg	48 45.20	
RJF	2.16	138	Pg	48 20.10	2.5
			Sg	48 49.00	
MZF	2.27	107	Pn	48 18.80	-0.5
			Pg	48 24.20	
			Sg	48 52.80	
BGF	2.36	98	Pn	48 20.50	0.0
			Pg	48 26.20	
			Sg	48 55.60	
AVF	2.68	91	Pn	48 24.20	-0.8
			Pg	48 31.60	
			Sg	49 04.80	
CAF	2.70	137	Pn	48 23.50	-1.9
			Pg	48 30.00	
			Sn	48 55.50	
			Sg	49 06.40	
SSF	2.78	86	Pg	48 33.50	7.1X
			Sg	49 08.80	
LOR	3 03	82	Pg	48 38.20	8.2X
			Sg	49 16.60	
LBF	3.10	87	Pg	48 38.50	7.5X
			Sg	49 18.00	

S.D. = 1.4 on 11 of 14 obs.

JUN 22, 1985 20h 58m 00.87± 0.76s
4.889 S ± 5.9km 152.174 E ± 4.8km
DEPTH = 88.3 ± 7.8 km
4.9mb (14 obs.)
NEW BRITAIN REGION (192)

RAB	0.69	360	iPd	59 15.50	58.1X
BGA	3.24	113	iPc	58 50.00	-0.7
			eS	59 36.00	
PAA	3.59	113	iPc	58 54.20	-1.2
			eS	59 37.00	
LAT	5.44	251	eP	59 25.00	3.9X
MOM	5.54	301	eP	59 23.00	0.5
LMG	5.65	225	iPd	59 22.00	-2.1
MDG	6.38	267	eP	59 36.00	1.9
PMG	6.71	228	eP	59 40.00	1.4
VSG	8.65	121	eP	00 05.00	-0.3
HNR	8.94	121	eP	00 09.00	-0.2
CTA	16.17	200	iPd	01 45.90	1.7
	1.1s		24.05nm		4.3mb
			eS	05 20.00	
KOU	19.53	144	iPc	02 24.50	0.5
GUA	19.68	339	eP	02 26.30	0.7
	0.9s		181.51nm		5.4mb
PJG	19.74	339	eP	02 26.50	0.2
RMQ	21.73	188	eP	02 47.00	0.6
NOU	22.15	143	iPc	02 52.00	1.4
MTN	22.23	248	eP	02 51.00	-0.4
WB2	22.91	228	iPc	02 58.20	0.2
			eS	07 34.80	
WRA	22.92	228	Pc	02 58.40	0.3
	0.6s		34.30nm		4.9mb
KNA	25.40	243	eP	03 24.00	2.2X
ASPA	25.67	222	eP	03 25.00	0.7
			eS	07 56.00	
WBN	32.34	227	eP	04 23.00	-1.0
	0.5s		14.00nm		5.0mb
MBL	35.30	240	eP	04 48.00	-1.5
	0.4s		10.00nm		5.1mb
MEK	38.70	232	eP	05 17.00	-1.0
	0.5s		13.00nm		5.1mb
KLG	38.71	225	eP	05 17.00	-1.0
	0.4s		14.00nm		5.2mb
NAU	39.55	240	eP	05 24.00	-1.0
MRWA	41.91	231	eP	05 43.00	-1.4
	0.4s		5.00nm		4.7mb
MAT	43.24	344	eP	05 54.00	-1.0
	0.7s		9.59nm		4.7mb
RKG	43.66	224	eP	06 03.00	4.4X
SHL	65.81	301	iP	08 39.70	0.3
PKI	71.94	301	eP	09 17.20	-0.2
	0.6s		5.00nm		4.6mb
DMN	72.21	301	eP	09 18.40	-0.5
	0.6s		15.00nm		5.0mb
SBA	73.32	177	e(P)	09 18 60	-5.5X
IMA	80.75	20	eP	10 06.10	0.3
FBA	82.20	22	eP	10 12.10	-1.1
	1.0s		14.00nm		4.8mb
SPA	85.14	180	e(P)	10 31.00	2.7
QUE	88.31	300	eP	10 43.70	-0.8
INK	88.76	21	eP	10 45.00	-0.6
BMN	93.60	50	eP	11 12.00	3.3X
YMT3	94.03	54	eP	11 12.00	1.3
NEW	94.08	42	eP	11 10.00	-0.6
MBC	94.35	14	eP	11 12.50	1.2
PRN	95.14	53	eP	11 18.00	2.1X
YKA	95.80	28	eP	11 19.40	1.3
YKC	95.86	28	eP	11 19.00	0.6
EDM	96.57	37	eP	11 22.50	0.6
BDW	99.36	48	eP	11 34.80	-0.2
	0.9s		2.05nm		4.7mb
RSSD	103.28	46	ePdiff	11 52.10	-0.4
	0.8s		3.52nm		5.2mb
NB2	116.78	340	PKP	16 34.90	-1.5
	0.7s		0.70nm		
CNCB	134.84	119	iPKP	17 15.00	2.2X
LPB	134.85	119	ePKP	17 14.00	1.3X
BAO	151.46	136	e(PKP)	17 45.90	5.2X

S.D. = 1.1 on 42 of 52 obs.

JUN 22, 1985 21h 37m 03.18± 0.60s
23.059 N ± 5.8km 120.501 E ± 6.8km
DEPTH = 41.9 ± 6.5 km
4.2mb (4 obs.)
TAIWAN (244)

TWK	0.21	357	iPd	37 06.30	-4.5X
TWM1	0.24	197	iPd	37 10.90	-0.2
			eS	37 16.50	
TWG	0.58	114	iPd	37 15.00	0.0
TWZ	2.26	26	ePd	37 38.20	-0.6
ANP	2.31	23	iPd	37 39.00	-0.6
	0.8s		716.42nm		
			eS	38 13.00	
QZH	2.56	317	ePn	37 42.20	-0.9
			Sn	38 18.50	
HKC	5.89	264	eP	38 28.50	-1.8
SSE	8.03	4	e(P)	39 01.20	1.1
			e	41 03.90	
			Lg	41 14.00	
NJ2	9.08	351	eP	39 14.80	0.2
WHN	9.26	325	eP	39 44.50	27.4X
QIZ	10.73	250	eP	39 39.70	2.4
GYA	13.02	288	eP	40 08.20	0.0
XAN	14.93	320	eP	40 38.60	5.5X
TIY	16.17	336	eP	40 54.20	5.2X
CD2	16.84	301	eP	41 01.00	3.5X
BJI	17.32	349	eP	41 05.00	1.6
SNY	18.89	7	eP	41 22.40	-0.4
HHC	19.27	339	eP	41 27.00	-0.3
MAT	20.37	45	eP	41 41.00	2.1
	0.9s		10.08nm		4.2mb
			(S)	45 48.00	
CN2	21.09	10	Pc	41 44.40	-1.8
			eS	45 44.00	
MDJ	22.76	17	eP	42 02.00	-0.8
WRA	44.82	161	Pd	45 14.70	-0.4
	0.9s		6.00nm		4.4mb
WB2	44.83	161	eP	45 14.20	-0.9
WBN	49.26	173	eP	45 50.00	0.2
SOD	70.43	336	eP	48 12.00	-2.7X
KJF	70.70	332	eP	48 16.00	-0.4
SUF	71.73	331	eP	48 23.00	0.3
	0.7s		2.00nm		4.2mb
NUR	73.02	329	eP	48 31.00	0.7
MBC	74.49	12	eP	48 38.00	-0.6
INK	74.51	22	eP	48 38.00	-0.8
NB2	78.92	332	P	49 03.60	0.0
	0.7s		1.40nm		4.0mb
YKA	84.24	23	eP	49 33.40	2.0

S.D. = 1.2 on 26 of 32 obs.

JUN 23, 1985 00h 10m 25.33± 0.70s
38.795 N ± 7.8km 24.747 E ± 6.2km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.2 (ATH).

ATH	1.15	225	ePb	10 45.50	-1.4
			eSg	11 01.00	
PRK	1.27	69	ePb	10 49.50	0.6
			eSg	11 09.00	
EZN	1.60	49	iPn	10 52.40	-1.3
IZM	2.01	101	iPn	10 59.60	-0.1
KGT	2.58	49	ePn	11 06.50	-1.3
KZN	2.75	304	ePn	11 18.50	8.1X
EDC	2.86	56	ePn	11 12.10	0.2
KDZ	2.88	9	iPd	11 12.00	-0.1
MMB	2.90	345	iPc	11 12.00	-0.4
DST	3.12	74	ePn	11 17.30	1.7
KCT	3.15	61	ePn	11 20.00	4.1X
PLD	3.31	359	eP	11 30.00	11.9X
DIM	3.31	11	eP	11 34.00	15.8X
			eSg	12 16.00	
VLS	3.32	261	ePn	11 20.00	1.6
VTS	3.98	343	iP	11 28.00	0.4
PVL	4.36	4	eP	11 33.00	-0.1

S.D. = 1.1 on 12 of 16 obs.

? JUN 23, 1985 01h 06m 30.61± 2.70s
8.038 S ±27.7km 127.338 E ±13.9km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
TIMOR (289)

MTN	6.06	142	iPd	08 00.90	0.6
			eS	09 05.00	
KNA	7.79	170	iPd	08 24.20	-0.4
	0.3s		18.00nm		5.6mb X
			eS	09 51.00	
WRA	13.64	151	Pc	09 39.40	-4.8X
	0.4s		9.40nm		5.0mb X
WB2	13.65	151	eP	09 40.00	-4.3X
			iS	12 02.70	
ASPA	16.77	159	eP	10 24.00	-0.7
			eS	13 20.00	
WBN	18.02	182	eP	10 41.00	0.7
			eS	13 51.00	
MEK	20.27	203	iPc	11 05.80	-0.5
			eS	14 44.00	
CTA	21.88	125	iPc	11 22.60	-0.1
	0.7s		16.44nm		4.6mb
MRWA	23.62	205	eP	11 40.00	0.4
			eS	15 59.00	

S.D. = 0.7 on 7 of 9 obs.

? JUN 23, 1985 02h 01m 15.18± 1.61s
16.069 S ±24.2km 168.422 E ±20.9km
DEPTH = 235.3 ± 15.3 km
4.8mb (1 obs.)

VANUATU ISLANDS (186)

PVC	1.67	184	iPd	01	53.90	0.2
			iS	02	25.00	
KOU	5.95	221	iPc	02	42.50	-0.5
NOU	6.48	196	iPd	02	50.00	0.3
BRS	18.37	230	iPd	05	14.00	-1.0
CTA	21.44	256	iP	05	46.90	1.2
SPA	74.03	180	iPd	12	26.90	0.2
	0.9s		19.55nm			4.8mb
SOB1	141.62	129	ePKP	20	15.40	-5.6X
DOU	143.62	342	PKP	20	20.20	-3.1X
ITR	143.74	131	ePKP	20	21.00	-3.6X
				20	21.30	
CDF	144.22	338	ePKP	20	21.50	-3.1X
	0.5s		2.20nm			
OSS	144.53	334	ePKPd	20	23.10	-2.1
BSF	144.89	338	ePKP	20	23.60	-2.1
	0.6s		5.80nm			
HAU	144.90	339	ePKP	20	23.70	-1.9
	0.7s		11.60nm			
VDL	144.97	334	ePKPd	20	24.70	-1.3
TMA	145.52	335	ePKP+	20	25.60	-1.3
MMK	145.93	335	ePKPd	20	27.50	-0.2
DIX	146.13	336	ePKPd	20	27.90	-0.2
FLN	146.15	347	ePKP	20	27.30	-0.3
	0.5s		7.30nm			
LDF	146.23	346	ePKP	20	27.60	-0.2
LOR	146.36	341	ePKP	20	28.10	0.0
	0.6s		4.90nm			
LBF	146.58	341	ePKP	20	29.20	0.7
	0.6s		19.10nm			
GRR	146.59	347	ePKP	20	28.90	0.6
SSF	146.66	341	ePKP	20	29.10	0.6
	0.6s		9.90nm			
LPG	146.87	336	ePKP	20	30.20	0.9
	0.7s		5.80nm			
LPF	146.96	347	ePKP	20	29.90	1.0
	0.6s		8.30nm			
BGF	147.31	341	ePKP	20	30.70	1.1
	0.9s		7.10nm			
TCF	147.75	342	ePKP	20	31.90	1.6
LSF	147.98	343	ePKP	20	32.30	1.6
	0.6s		3.40nm			
MFF	148.10	345	ePKP	20	33.00	2.2X
	0.7s		6.60nm			
BNG	148.24	252	iPKPc	20	33.50	1.4
	1.0s		23.70nm			
LMR	148.75	334	ePKP	20	34.40	2.4X
LPO	149.50	342	ePKP	20	36.50	3.4X
	S.D. = 1.2		on 25 of 32 obs.			

* JUN 23, 1985 02h 54m 00.67± 1.45s
10.562 S ±14.8km 41.003 E ±24.7km
DEPTH = 10.0km (geophysicist)
4.5mb (3 obs.)

NORTHWEST OF MADAGASCAR (574)

CLK	7.77	228	iPn	55	58.00	1.4
			eSn	57	22.00	
NAI	10.13	335	iPd	56	30.00	0.6
	0.8s		26.12nm			5.7mb X
MTD	11 04	235	iPn	56	41.00	-0.9
			eSn	58	40.00	
			iS*	58	53.00	
			eLg	59	50.00	
FRI	12.69	239	iPn	57	03.00	-1.3
			iSn	59	19.00	
BUL	15.27	230	iPnd	57	39.00	0.8
			eSn	00	26.00	
			eLg	02	06.00	
KIC	48.55	288	eP	02	56.50	10.1X
NUR	72.03	352	eP	05	26.00	-0.4
HFS	73.76	346	eP	05	36.10	-0.5
	0.5s		0.70nm			4.0mb
SUF	73.96	353	iP	05	37.80	0.1
	0.6s		3.40nm			4.6mb
KJF	75.22	354	iP	05	45.20	0.2
	0.6s		10.40nm			5.1mb
EUR	144.65	328	iPKP	13	40.00	0.1X
	0.2s		5.86nm			
	S.D. = 1.0		on 9 of 11 obs.			

? JUN 23, 1985 03h 24m 19.52± 7.26s
45.546 N ±52.7km 14.289 E ±19.5km
DEPTH = 10.0km (geophysicist)

YUGOSLAVIA (383)

ML 3.1 (KBA). Felt at Ilirska Bistrica.

CEY	0.22	27	iPgd	24	23.90	-0.3
			iSg	24	28.40	
TRI	0.40	294	iPgc	24	27.50	-0.2
			iSg	24	35.00	
LJU	0.53	19	iPgd	24	30.00	-0.2
			iSg	24	40.00	
VOY	0.56	331	ePgc	24	30.80	-0.1
			iSg	24	41.30	
KBA	1.67	337	e(Pn)	24	51.00	1.9X
			i(Sn)	25	14.90	
			iSg	25	17.50	
KHC	3.62	353	Pn	25	17.30	0.5
			eSg	26	10.00	
	S.D. = 0.5		on 5 of 6 obs.			

& JUN 23, 1985 05h 00m 41.40s
58.101 N 155.876 W
DEPTH = 26.6km
ALASKA PENINSULA (12)
<AGS-P>.

AUI	1.78	45	eP	01	09.81	-1.0
KDC	1.84	100	eP	01	10.00	-1.7
			eS	01	33.09	
PDB	1.90	27	eP	01	11.07	-1.6
			eS	01	33.23	
ILM	2.62	36	eP	01	21.07	-1.8
SVW	3.02	2	eP	01	28.70	0.1
RDT	3.05	34	eP	01	30.63	1.6
BRLK	3.08	55	eP	01	28.69	-0.7
SPU	3.65	30	eP	01	36.23	-1.3
SUA	4.25	35	eP	01	47.26	1.1
PMS	4.49	43	eP	01	47.74	-1.8
GHO	5.08	41	eP	01	57.25	-0.5
	11 obs. associated					

* JUN 23, 1985 06h 22m 59.01± 1.26s
42.854 N ±13.0km 145.493 E ±14.6km
DEPTH = 55.1 ± 7.0 km
4.5mb (3 obs.)

HOKKAIDO, JAPAN REGION (224)
Felt (II JMA) at Nemuro.

NEM	0.48	8	iPd	23	10.10	-0.3
			iS	23	16.80	
KUS	0.82	279	eP	23	15.00	0.4
			eS	23	25.00	
MAT	8.44	224	eP	25	01.00	-0.2
	0.7s		10.27nm			4.8mb X
			eS	26	35.00	
BJI	22.11	273	eP	27	51.00	0.1
INK	47.79	30	eP	31	33.00	0.8
SOD	60.82	337	eP	33	07.00	-0.3
KJF	62.65	334	eP	33	19.00	-0.6
SUF	64.19	334	iP	33	29.90	0.2
	0.6s		3.40nm			4.5mb
NUR	66.27	332	iP	33	43.00	-0.1
NB2	69.99	338	P	34	06.20	-0.1
	0.4s		1.20nm			4.2mb
HFS	70.04	337	eP	34	06.40	-0.1
	0.4s		3.20nm			4.6mb
	S.D. = 0.5		on 11 of 11 obs.			

JUN 23, 1985 06h 55m 24.23± 0.34s
24.032 S ± 2.9km 67.076 W ± 3.7km
DEPTH = 180.6 ± 3.5 km
5.6mb (73 obs.)

CHILE-ARGENTINA BORDER REGION (127)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 30C
Centroid Location:
Origin Time 06:55:33.7 0.2
Lat 23.64S 0.03 Lon 66.97W 0.03
Dep 196.8 1.1 Half-duration 2.6
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.77 0.09 Mtt=-0.82 0.13
Mff= 1.60 0.12 Mrt= 1.46 0.08
Mrf=-3.32 0.07 Mtf=-0.37 0.12
Principal Axes:

T	Val= 4.21	Plg=36	Azm= 74
N	-0.71	10	336
P	-3.50	52	233

Best Double Couple.Mo=3.9*10**24
NP1:Strike=205 Dip=13 Slip= -40
NP2: 335 82 -100

SLA	1.60	116	iPc	56	00.30	2.6
			S	56	27.00	
FSA	2.26	155	iPc	56	06.40	1.9
YJA	2.35	38	iPd	56	07.80	1.7
TPZ	2.97	329	iPd	56	13.20	-0.2
ANT	3.07	275	iPc+	56	14.40	0.1
			iS	56	51.20	
CYA	4.54	166	iPd	56	35.00	2.6
CNCB	7.24	353	iP	57	09.70	0.8
			iS	58	28.00	
RTLL	7.37	189	iPc	57	10.00	-0.2
LPB	7.52	352	iPc	57	13.00	0.4
	0.6s		840.00nm			6.3mb X
			LR	59	17 00	
RTCB	7.58	191	ePc	57	13 10	0.1
			S	58	32.80	
TCA	7.60	164	iPc	57	12.30	-1.0
			S	58	30.00	
CFA	7.62	188	ePd	57	12.40	-1.0
			S	58	34.90	
ZON	7.62	190	eP	57	14.00	0.5
ZOBO	7.79	353	iPd	57	15.70	-0.5
RTCV	7.91	189	ePd	57	16.60	-0.7
ARE	8.59	330	eP	57	23.00	-3.6X
			iS	58	56.00	
MDZ	8.96	190	eP	57	31.60	0.5
JACH	9.16	199	eP	57	32.00	-1.7
ROCH	9.55	200	eP	57	37.30	-1.8
PEL	9.61	198	eP	57	37.80	-1.9
BACH	9.76	197	iPc	57	39.80	-1.8
PCH	10.02	197	eP	57	43.00	-2.0
CHCH	10.35	197	eP	57	48.00	-1.3
LNV	10.59	200	eP	57	50.20	-2.1
RFA	10.77	186	ePc	57	53.00	-1.7
ITB1	11.59	96	iPc	58	06.40	1.1
ITB	11.75	96	Pc	58	08.80	1.3
ITB7	11.79	98	e(P)	58	09.40	1.4
LPA	13.44	146	ePd	58	30.00	1.1
HUA	14.27	325	eP	58	41.70	1.9
VBA	14.64	164	ePd	58	41.30	-2.7
BAO	19.79	69	iPc	59	40.90	-1.8
			i	00	11.50	
			i	00	19.40	
RDJ	21.91	92	iP+	00	02.80	-0.7
ATB	25.12	37	iPc	00	30.70	-3.4X
PSO	26.98	337	eP	00	53.00	1.5
SOB1	29.02	64	eP	01	06.20	-3.3X
ITR	31.31	66	iPc	01	26.00	-3.5X
			i	01	27.00	
			e	01	42.40	
BMG	31.46	349	iP	01	27.00	-3.9X
UAV	32.68	353	eP	01	40.20	-1.5
SDV	32.90	354	eP	01	41.00	-2.5
LGN	34.21	353	iP	01	53.00	-1.5
TRN	34.91	10	iPc	01	58.90	-1.5
	1.0s		80.00nm			5.3mb
UPA	35.00	338	iP	02	02.00	0.8
	1.1s		131.65nm			5.5mb
			iS	07	21.00	
AIA	41.25	178	e(P)	02	54.00	1.4
SJG	41.90	1	iP	02	54.20	-4.2X
GCM	45.26	341	P	03	24.50	-0.8
PBJ	48.82	323	iP	03	53.00	-0.2
VHO	50.20	322	iPc	04	03.50	-0.4
PIO	50.34	320	iP	04	04.50	-0.2
TPM	52.92	321	iP	04	27.00	2.8X
OXM	53.53	321	iPd	04	28.00	-0.9
IIC	53.65	321	iPc	04	39.00	0.2
PRM	59.59	345	iP	05	09.80	-1.3
RSCP	61.84	343	iP	05	24 50	-1.8
	1.0s		184.00nm			5.9mb
			epP	06	11.00	201kmX
BLA	62.20	348	ePc	05	27.60	-1.0
	1.5s		113.89nm			5.5mb
JCT	62.63	328	iP	05	30.60	-1.0
	0.9s		88.24nm			5.6mb
			epP	06	24.00	233kmX
LTX	63.66	324	iP	05	38.20	-0.2
	1.1s		22.35nm			4.9mb
BHO	63.81	335	ePd	05	38.70	-0.4
	1.2s		37.20nm			5.1mb
RLO	65.44	335	iPd	05	48.80	-0.8
FVM	65.47	340	iP	05	48.00	-1.8
	1.0s		70.00nm			5.5mb

23d 07h

				epP	06	34.00	196kmX			1.0s	160.00nm		5.7mb		EKA	95.89	31 P	08	30.30	-0.6
TUL	65.51	335	iPd	05	49.00	-1.1		MAW	81.43	163	eP	07	23.00	1.3		1.2s	34.40nm			5.6mb
	1.0s	102.70nm				5.6mb		MIN	81.70	321	eP	07	23.20	-0.6	LPG	96.24	43 eP	08	33.80	0.6
	Z 19s	0.27um				4.5Msz		WDC	82.39	321	iPd	07	26.30	-0.8		1.2s	77.20nm			5.9mb
SPA	66.11	180	iPd	05	54.70	0.9		BFS	82.69	116	iPc	07	28.00	-1.3	EBH	96.25	30 ePc	08	31.40	-1.1
	1.0s	100.00nm				5.6mb			1.2s	825.00nm				6.4mb		1.0s	23.00nm			5.5mb
UTO	67.12	347	ePc	05	58.90	-1.3		SES	83.68	333	ePd	07	33.50	-0.1	ELO	96.28	30 iPc	08	31.80	-0.9
KIC	67.83	72	eP	06	02.30	-2.8					pP	08	22.00	198kmX	EMS	96.62	42 eP+	08	35.10	0.4
RSNY	68.58	354	eP	06	08.30	-0.9		FFC	83.96	341	ePc	07	33.90	-0.9	DIX	96.92	43 ePd	08	37.10	0.9
	1 5s	89 09nm				5.3mb			1.6s	34.00nm				4.9mb	DOU	97.16	38 P	08	36.40	-0.3
MNT	69.45	355	iPd	06	14 00	-0.4		SLR	84.38	116	iPc	07	37.20	-0.6			sP	09	52.00	
	1.1s	60.00nm				5.3mb			1.0s	235.00nm				5.9mb			SKS	19	01.00	
		pP	06	58.50	187kmX		NEW	84.77	329	eP	07	39.00	0.0	HAU	97.17	40 eP	08	36.30	-0.6
ALQ	69.53	326	iPd	06	15.70	0.3		TOL	86.53	43	iPc	07	48.00	0.1		0.9s	9.40nm			5.2mb
		epP	07	02.80	199kmX				1.2s	14.00nm				4.7mb	MMK	97.25	43 ePd	08	38.50	0.9
CTT	69.54	354	eP	06	13.50	-1.4					ipP	08	36.00	194kmX	BSF	97.36	41 eP	08	37.10	-0.8
GLA	72.75	319	eP	06	35.00	0.5					eS	17	55.00			1.3s	42.70nm			5.7mb
GLD	72.76	330	iP	06	35.00	0.5					e	19	05.00		UCC	97.37	37 P	08	39.00	1.3
	1.2s	80.81nm				5.3mb					eSSS	25	50.00		WLF	97.84	39 Pc	08	39.50	-0.3
		epP	07	23.00	201kmX		PNT	86.69	329	iP	07	48.00	-0.4				e	09	25.60	
GOL	72.78	330	iP	06	34.60	-0.2			0.9s	23.00nm				5.0mb	TMA	97.84	43 ePd	08	40.10	-0.1
	1.5s	77.04nm				5.2mb		EDM	86.76	334	eP	07	47.50	-1.2	CDF	97.91	40 eP	08	39.60	-0.7
		epP	07	22.00	199kmX				1.0s	55.00nm				5.4mb		1.2s	32.10nm			5.7mb
RMU	73.51	325	iP	06	40.50	1.6		JOZ	86.77	119	e(P)	07	51.70	2.3	ZUL	98.16	42 ePd	08	41.60	0.2
BAR	73.61	318	eP	06	40.00	0.6			0.9s	25.21nm				5.1mb	MEM	98.20	38 P	08	41.80	0.4
SBA	73.65	190	iPd	06	40.90	1.9		BUL	86.94	111	iPc	07	50.90	0.4	ENN	98.23	38 eP	08	41.50	0.0
	1.3s	148.08nm				5.6mb					iS	18	11.20			1.0s	21.00nm			5.6mb
PLM	74.19	318	eP	06	43.00	0.0		DRV	87.30	190	eP	07	51.50	0.3	LLS	98.26	42 ePd	08	42.50	0.4
TPC	74.22	319	eP	06	43.00	0.0		FRB	87.49	359	eP	07	51.00	-0.8	SLE	98.35	41 ePd	08	42.40	0.2
TBI	74.28	251	eP	06	46.00	2.5		LSZ	88.56	106	iPd	08	00.40	2.1	GWF	98.38	40 eP	08	41.40	-0.9
	1.1s	270.00nm				5.9mb		KRI	89.17	108	iPc	08	02.00	0.9	VDL	98.38	43 ePd	08	43.10	0.5
LHC	74.81	345	eP	06	44.00	-2.0		MTD	90.90	109	iPc	08	11.00	1.9	SAX	98.64	42 ePd	08	43.90	0.0
	1 0s	92.00nm				5.5mb		EPF	91.02	43	eP	08	09.10	0.1	OSS	98.89	43 ePd	08	45.30	0.4
RVR	74.94	319	eP	06	48.00	1.0			1.3s	77.20nm				5.6mb	WTS	99.29	37 eP	08	46.00	-0.3
		e	07	35.00			MLS	91.45	43	iPc	08	11.90	1.0		1.0s	26.00nm			5.7mb
RUV	75.28	260	iP	06	51.40	2.1		LFF	92.28	41	eP	08	14.60	0.0	WIT	99.58	36 ePd	08	48.50	0.8
	1.2s	295.00nm				5.9mb			1.1s	80.00nm				5.7mb	FUR	100.21	42 ePdiff	08	50.50	-0.3
VAH	75.49	260	iP	06	52.90	2.4		LPD	92.42	42	eP	08	15.20	-0.1		1.3s	54.00nm			5.9mb
	1 2s	345.00nm				6.0mb			1.0s	26.90nm				5.3mb	GRF	100.81	40 ePdiff	08	53.50	0.1
MWC	75.51	318	eP	06	51.00	0.5		MFF	92.65	39	eP	08	16.10	-0.2		Z 19s	0.20um			4.6Msz
PAS	75.52	318	eP	06	51.00	0.6			1.0s	89.60nm				5.9mb	KBA	101.05	43 iPdiff	08	53.80	-0.9
TPT	75.57	260	iP	06	53.40	2.4		LPF	92 92	38	eP	08	16.80	-0.7		1.3s	18.80nm			5.5mb
	1.2s	390.00nm				6.0mb			1.3s	100.20nm				5.8mb	MOX	101.43	40 ePdiff	08	55.00	-1.1
SBB	75.68	319	eP	06	51.00	-0.3		RJF	92.95	41	eP	08	17.20	-0.5		1.6s	19.00nm			5.5mb
		e	07	39.00					1.4s	73.10nm				5.7mb			eSKS	19	20.00	
RSSD	75.80	333	iP	06	52.30	0.3		CAF	93.08	42	eP	08	18.20	-0.2			ePS	20	50.00	
	1.0s	32.50nm				5.0mb			1.1s	30.20nm				5.4mb	KHC	101.99	41 iPdiff	08	59.00	0.3
		epP	07	40.00	198kmX		DLE	93.08	32	iPc	08	16.80	-1.3				e	09	37.00	
PMO	75.81	260	iP	06	54.80	2.5			1.1s	160.00nm				6.1mb			e	11	50.40	
	1.2s	390.00nm				6.0mb		GRR	93.22	38	eP	08	18.20	-0.6			e	12	27.20	
SUR	75.86	119	iPc	06	52.60	-0.1			1.1s	48.80nm				5.6mb	CLL	102.50	39 ePdiff	09	01.00	0.2
	1.4s	172.09nm				5.6mb		LSF	93.45	40	eP	08	19.40	-0.6			epP	09	49.00	
PRN	75.97	322	iP	06	54.00	1.0			1.4s	85.40nm				5.7mb			PKKP	25	24.00	
YMT3	76.30	321	iP	06	56.00	1.2		FLN	93.63	37	eP	08	20.00	-0.7	PRU	102.90	41 Pdiffc	09	03.00	0.4
		ipP	07	43.80	199kmX				0.3s	89.50nm				6.4mb		1.5s	22.30nm			5.7mb
CLC	76.32	320	eP	06	55.00	0.2		LDF	93.74	38	eP	08	20.60	-0.6			pP	09	51.00	
ISA	76.73	319	eP	06	58.00	0.9			1.0s	33.60nm				5.5mb			S	19	27.00	
		e	07	45.00				TCF	93.87	41	eP	08	21.20	-0.8	INK	103.88	339 ePdiff	09	08.00	1.5
SYP	76.89	317	eP	06	58.00	-0.1			1.0s	18.50nm				5.2mb	MBC	105.03	349 ePdiff	09	11.00	-0.5
BDW	77.15	329	iP	06	59.40	-0.1		MZF	94.06	41	eP	08	22.20	-0.6	NB2	105.27	30 Pdiff	09	15.90	2.9X
	1.3s	33.96nm				4.9mb			1.4s	48.40nm				5.5mb		1.3s	4.90nm			5.4mb
		epP	07	47.00	197kmX		YKC	94.08	340	eP	08	14.00	-8.5X	NB2	105.27	30 PKP	13	32.00	5.8X
EUR	77.95	323	iP	07	04.20	0.2			0.9s	14.00nm				5.1mb		1.4s	25.60nm			
	0.3s	40.00nm				5.6mb		YKA	94.13	340	eP	08	23.60	0.9	HFS	106.09	31 ePKP	13	35.20	7.5X
RSON	78.18	343	iP	07	03.80	-0.9		CLK	94.31	109	iPd	08	28.00	3.3X		0.8s	5.60nm			
	1.2s	27.59nm				4.9mb		BGF	94.39	41	eP	08	23.80	-0.5	CTA	125.43	219 iPKPd	14	06.00	0.2
		epP	07	51.00	195kmX				1.4s	92.10nm				5.8mb		0.9s	17.65nm			
FRI	78.36	319	eP	07	05.50	-0.5		CDR	94.76	44	eP	08	19.60	-6.5X	ASPA	128.40	205 ePKP	14	11.00	-0.5
PRI	78.37	318	ePd	07	07 10	0.9					i	08	25.90			0.9s	34.00nm			
MN4	78.44	321	ePd	07	07.30	0.7		AVF	94.81	41	eP	08	25.70	-0.5	WB2	131.56	207 ePKP	14	04.20	-13.3X
SCH	78.52	0	eP	07	05.00	-1.4			1.4s	72.60nm				5.7mb			i	14	17.70	
LLA	78.86	319	eP	07	09.80	1.1		GRC	94.90	40	iPc	08	25.70	-0.9	WRA	131.56	207 PKP	14	06.00	-11.5X
PRS	78.93	318	eP	07	10.20	1.1		SMF	95.02	41	eP	08	26.90	-0.3		0.9s	2.10nm			
SAO	79.26	318	eP	07	11.30	0.5			1.4s	101.90nm				5.9mb	QUE	138.83	71 ePKP	14	15.00	-16.2X
BMN	79.30	323	eP	07	11.00	-0.2		LRG	95.03	44	eP	08	27.90	0.6	GBA	144.94	101 PKPc	14	41.80	-0.2
	1.1s	16.23nm				4.7mb			1.3s	118.40nm				6.0mb		7.3s	312.30nm			
JAS1	79.41	320	iPd	07	12.30	0.7		SSF	95.03	40	eP	08	26.50	-0.7	KSH	145.29	55 iPKPc	14	42.00	-0.1
MHC	79.75	319	eP	07	14.80	1.2			1.3s	51.90nm				5.6mb	HYB	147.25	95 ePKP	14	46.50	0.7
GCC	79.76	318	eP	07	14.50	1.0		LMR	95.07	45	eP	08	27.70	0.2		1.0s	180.00nm			
PCC	80.30	318	eP	07	17.00	0.7			1.4s	125.40nm				6.0mb			e	15	38.40	
BKS	80.46	319	eP	07	18.50	1.3		FRF	95.27	44	eP	08	28.50	0.1	NDI	147.75	74 iPKPd	14	47.00	0.7
	1.3s	76.00nm				5.3mb			1.5s	124.90nm				6.0mb	GUA	148.04	257 ePKP	14	50.30	3.2X
BRK	80.47	319	eP	07	17.90	0.7		LBF	95.27	41	eP	08	27.60	-0.8		0.9s	389.92nm			
LRM	80.81	330	iPd	07	20.10	0.9			1.3s	45.10nm				5.6mb	GUMO	148.10	257 ePKP	14	50.70	3.6X
ORV	81.12	320	iPd	07	21.40	0.8		LOR	95.34	40	eP	08	27.90	-0.8	PJG	148.10	257 ePKP	14	50.50	3.4X
		e	08	09.00					1.2s	41.60nm				5.6mb	AAI	148.69	210 ePKPc	14	51.50	3.3X
SWZ	81.38	116	iPc	07	22.00	-0.5		EAB	95.83	30	ePc	08	29.20	-1.4		0.8s	10.50nm			

WMO	151.42	40	PKP	14	52.00	0.5
DMN	154.73	76	iPKP	14	57.80	0.9
KKN	154.88	76	iPKP	14	57.60	0.6
MAT	154.94	306	ePKP	14	56.00	-0.5
PKI	155.00	76	iPKP	14	57.70	0.4
GTA	161.08	33	PKP	15	05.40	1.6
HHC	163.19	4	PKP	15	06.50	0.6
TIA	167.33	344	ePKP	15	10.20	0.8

S.D. = 1.1 on 199 of 219 obs.

JUN 23, 1985 07h 07m 39.30± 0.50s
24.056 S ± 4.5km 67.068 W ± 7.7km
DEPTH = 180.0 ± 5.3 km
5.0mb (16 obs.)

CHILE-ARGENTINA BORDER REGION (127)

SLA	1.58	115	iPc	08	15.60	3.0
			S	08	41.00	
YJA	2.37	38	iPd	08	22.70	1.4
			S	08	48.00	
TPZ	2.99	329	iPd	08	28.60	-0.1
			S	09	03.00	
ANT	3.08	276	iPc+	08	29.40	0.0
			iS	09	08.40	
CYA	4.52	166	iPd	08	49.50	1.8
CNCB	7.26	353	iP	09	24.90	0.6
			iS	10	47.20	
RTLL	7.35	189	ePd	09	24.30	-0.7
LPB	7.55	352	iPd	09	28.10	0.1
	0.7s	523.29nm			6.0mb X	
RTCB	7.56	191	ePd	09	27.50	-0.3
			S	10	48.00	
CFA	7.59	188	ePd	09	27.00	-1.2
			S	10	49.50	
ZOBO	7.81	353	iPc	09	30.20	-1.4
			S	10	56.80	
RTCV	7 88	189	ePd	09	31.00	-1.0
			(S)	10	51.30	
ARE	8.62	330	eP	09	38.00	-4.0X
			iS	11	10.00	
JACH	9.14	199	eP	09	48.00	-0.5
ROCH	9.53	200	ePc	09	54.00	0.1
PEL	9.59	199	iP	09	53.30	-1.2
BACH	9.74	197	eP	09	55.50	-0.9
PCH	10.00	197	eP	09	59.50	-0.3
LNV	10.57	200	eP	10	01.80	-5.3X
RFA	10.75	186	ePc	10	07.30	-2.2
VBA	14.62	164	ePd	10	55.20	-3.5X
BAO	19.79	68	Pc	11	55.70	-2.1
			i	12	23.50	
			i	12	25.60	
SOB1	29.02	64	eP	13	21.60	-3.0X
ITR	31.31	66	iPc	13	40.80	-3.9X
	0.7s	27.70nm			5.1mb	
PRM	59.62	345	eP	17	24.50	-1.9
RSCP	61.87	343	iP	17	40.40	-1.2
	1.0s	28.00nm			5.1mb	
JCT	62.66	328	iP	17	45.20	-1.7
	0.9s	15.13nm			4.9mb	
LTX	63.69	324	eP	17	52.50	-1.2
	0.8s	1.02nm			3.7mb X	
BHO	63.83	335	eP	17	53.50	-0.9
	0.7s	8.40nm			4.7mb	
RLO	65 47	335	eP	18	03.80	-1.1
TUL	65.54	335	eP	18	03.90	-1.5
	0.6s	11.00nm			4.9mb	
KIC	67.83	72	eP	18	17.70	-2.6
RSNY	68.61	354	eP	18	26.00	1.5
	1.0s	10.00nm			4.5mb	
ALQ	69.55	326	eP	18	30.00	-0.7
	0.9s	9.66nm			4.6mb	
GLA	72.78	319	iP	18	50.20	0.4
GOL	72.81	330	eP	18	50.00	-0.1
SBA	73.63	190	eP	18	55.50	1.5
	1.1s	26.58nm			4.9mb	
RUV	75.28	260	iP	19	06.60	2.1
	1.0s	25.00nm			4.9mb	
VAH	75.49	260	iP	19	07.90	2.2
	1.0s	35.00nm			5.0mb	
TPT	75.57	260	iP	19	08.40	2.3
	1.0s	35.00nm			5.0mb	
PMO	75 81	260	iP	19	09.90	2.4
	1.0s	45.00nm			5.2mb	
RSSD	75.83	333	iP	19	07.30	0.0
SUR	75.84	119	e(P)	19	08.00	0.3
PRN	75.99	322	eP	19	09.20	1.0
YMT3	76.32	321	iP	19	10.80	0.8
BDW	77.18	329	eP	19	14.20	-0.6
	0.9s	2.05nm			3.9mb X	
EUR	77.97	323	iP	19	19.20	-0.1
	0.2s	8.37nm			5.1mb	
SCH	78.55	0	eP	19	20.50	-1.2
JAS1	79.43	320	eP	19	28.00	1.1
	0.8s	0.90nm			3.6mb X	
LRM	80.84	330	ePc	19	35.00	0.6
SWZ	81.36	116	iPd	19	36.50	-1.1
	0.5s	28.17nm			5.3mb	
MAW	81.40	163	eP	19	38.00	1.2
BFS	82.67	116	iPc	19	42.70	-1.6
	1.1s	101.27nm			5.5mb	
SLR	84.37	116	iPc	19	52.00	-0.9
	0.9s	53.78nm			5.3mb	
TOL	86.54	43	eP	20	03.50	0.4
	1.1s	2.00nm			3.9mb X	
BUL	86.92	111	iPc	20	05.70	0.2
LSZ	88.55	106	iPd	20	15.20	1.8
KRI	89.16	108	iPc	20	17.00	0.8
MTD	90.88	109	iPc	20	25.00	0.9
MLS	91.46	43	eP	20	26.00	-0.1
YKA	94.15	340	eP	20	39.20	1.2
WB2	131.54	207	ePKP	26	18.70	-13.9X
			i	26	32.10	
WRA	131.55	207	PKPd	26	32.10	-0.6
	0.7s	6.70nm				
GBA	144.92	101	PKPd	26	56.30	-0.8
	0.6s	14.70nm				
HYB	147.24	95	ePKP	27	03.00	2.1
NDI	147.75	74	iPKPc	27	04.00	2.6X
MAT	154.96	306	ePKP	27	20.00	8.3X

S.D. = 1.4 on 59 of 67 obs.

JUN 23, 1985 07h 42m 34.77± 0.64s
26.300 S ± 6.9km 27.207 E ± 9.3km
DEPTH = 5.0km (geophysicist)

REPUBLIC OF SOUTH AFRICA (584)

BFS	0.71	212	iPc	42	48.60	-0.3
			S	42	56.40	
SLR	1.12	60	iPd	42	56.90	0.6
			S	43	09.30	
SWZ	1.90	242	eP	43	12.00	3.7X
			S	43	35.00	
JOZ	4.50	106	eP	43	45.00	-0.1
			S	44	33.50	
BUL	6.26	12	iPnc	44	11.30	1.0
			iSn	45	16.00	
			iSg	45	50.00	
SUR	8.24	221	eP	44	38.40	0.4
			S	46	11.90	
KRI	9.69	14	iPn	44	58.00	0.0
			eSn	46	41.00	
			iSg	47	35.00	
MTD	10.31	24	iPn	45	05.00	-1.5
			eSn	46	53.00	
			iLg	47	55.00	
LSZ	11.01	5	iP	45	16.10	0.0
			iS	47	15.00	
			iLg	48	21.80	

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

• JUN 23, 1985 08h 51m 57.86± 0.91s
24.027 S ±12.3km 67.029 W ± 9.5km
DEPTH = 202.2 ± 7.9 km
4.3mb (2 obs.)

CHILE-ARGENTINA BORDER REGION (127)

SLA	1.56	117	iPc	52	34.10	1.3
			S	53	01.00	
YJA	2.32	38	ePd	52	41.00	0.2
			S	53	06.10	
TPZ	2.99	328	P	52	46.90	-1.4
ANT	3.12	275	iPc	52	48.50	-0.9
			iS	53	23.50	
CNCB	7.24	353	iP	53	42.90	0.3
			eS	55	03.00	
LPB	7.52	352	P	53	46.70	0.4
ZOBO	7.79	352	Pc	53	50.50	0.5
BAO	19.74	68	eP	56	13.10	-1.1
			i	56	15.10	
SOB1	28.98	64	eP	57	40.50	-0.3
ITR	31.26	66	eP	57	59.70	-1.1
			e	58	00.40	
JCT	62.65	328	iP	02	04.00	0.9
	0.9s	5.04nm			4.3mb	
ALQ	69.55	326	eP	02	48.00	1.1
	0.9s	4.20nm			4.2mb	

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

JUN 23, 1985 09h 26m 26.46± 1.10s
11.047 S ± 5.4km 163.540 E ± 5.4km
DEPTH = 40.8 ± 10.3 km
5.1mb (15 obs.)

SOLOMON ISLANDS (193)

HNR	3.88	294	eP	27	26.00	0.7
			eS	28	12.00	
SVO	4.12	297	eP	27	28.00	-0.6
			eS	28	19.00	
PAA	9.25	300	eP	28	40.00	-0.4
KOU	9.49	176	iPc	28	41.00	-2.7
			iS	30	11.30	
NOU	11.54	166	iPd	29	12.90	1.2
			iS	31	07.00	
PMG	16.21	274	eP	30	15.00	2.0
CTA	18.91	240	iPd	30	47.50	0.9
	1.0s	91.00nm			4.9mb	
			iS	34	22.00	
BRS	19.15	210	iPc	30	50.10	0.7
RMQ	20.75	220	eP	31	07.00	0.7
CMS	26.12	216	eP	31	59.00	0.5
	1.0s	38.00nm			4.9mb	
WB2	29.44	249	iPd	32	27.30	-1.5
WRA	29.45	249	Pd	32	27.30	-1.6
	1.0s	32.20nm			5.0mb	
ASPA	30.87	242	eP	32	40.00	-1.5
	1.1s	16.00nm			4.7mb	
WBN	37.95	242	eP	33	42.00	-0.2
MBL	43.05	251	eP	34	20.00	-4.3X
MEK	45.06	243	iPd	34	41.00	0.5
NAU	47.20	250	eP	35	02.00	4.6X
PMO	47.41	100	iP	35	00.20	1.1
	0.9s	55.00nm			5.5mb	
VAH	47.66	101	iP	35	01.90	0.8
	0.9s	45.00nm			5.5mb	
TPT	47.67	100	iP	35	01.90	0.7
	0.9s	30.00nm			5.3mb	
MRWA	47.80	241	eP	35	01.00	-1.1
RUV	47.90	100	iP	35	03.50	0.5
	0.9s	25.00nm			5.2mb	
MAT	53.01	334	eP	35	41.00	-0.6
	1.0s	10.00nm			4.8mb	
		(S)		43	20.00	
SBA	66.82	179	e(P)	37	14.10	-1.6
SPA	79.03	180	e(P)	38	29.40	1.6
TTA	80.07	18	eP	38	33.10	-0.2
IMA	83.10	16	eP	38	49.00	-0.2
FBA	84.01	19	eP	38	52.10	-1.5
	1.0s	22.50nm			5.2mb	
GCC	84.48	51	eP	38	56.70	0.2
PRS	84.74	52	eP	38	58.30	0.4
PKI	84.74	299	eP	38	59.40	0.9
	0.8s	15.00nm			5.2mb	
MHC	84.84	51	eP	38	58.70	0.2
KKN	84.91	299	eP	39	00.50	1.3
DMN	85.01	299	eP	39	01.20	1.4
WDC	85.20	47	eP	38	58.70	-1.3
PRI	85.23	52	eP	39	01.00	0.6
SYP	85.29	54	eP	39	02.00	1.2
ORV	85.63	48	eP	39	02.20	0.0
MIN	85.80	48	eP	39	02.30	-1.0
JAS1	85.94	50	iPc	39	03.80	0.0
FRI	86.21	51	eP	39	05.00	-0.1
PAS	86.62	54	eP	39	07.00	-0.3
MWC	86.74	54	eP	39	08.00	0.0
ISA	86.80	53	eP	39	08.00	-0.2
SBB	87.04	54	eP	39	09.00	-0.4
RVR	87.22	55	eP	39	10.00	-0.1
BAR	87.45	56	eP	39	07.00	-4.3X
PLM	87.47	55	eP	39	11.00	-0.6
CLC	87.52	53	eP	39	11.00	-0.6
MNA	87.80	50	eP	39	14.10	1.1
GSC	88.01	54	eP	39	14.00	0.0
TPC	88.31	55	eP	39	15.00	-0.5
YMT3	88.70	52	iP	39	17.60	0.3
BMN	89.03	49	eP	39	19.20	0.3
	1.2s	6.05nm			4.8mb	
GLA	89.05	56	eP	39	20.00	1.0
EUR	89.72	50	iP	39	22.80	0.6
	0.4s	16.92nm			5.7mb	
PRN	89.91	52	eP	39	23.80	0.7
INK	90.61	19	eP	39	24.00	-1.4

23d 09h

NEW	91.16	41	eP	39 27.00	-1.4
LRM	93.69	44	eP	39 40.30	-0.1
EDM	94.66	37	eP	39 44.00	-0.4
BDW	95.14	48	eP	39 46.50	-0.6
	1.1s	4.71nm		4.8mb	
ALO	96.23	56	eP	39 51.70	-0.6
	1.1s	3.80nm		4.8mb	
NB2	126.12	344	PKP	45 27.40	1.6
	0.8s	1.10nm			
SOB1	148 45	129	ePKP	46 11.20	3.5X
ITR	150.60	131	ePKP	46 24.90	14.0X
S.D. = 1.0 on 61 of 66 obs.					

? JUN 23, 1985 09h 42m 09.40± 3.94s
6.953 S ±36.9km 129.539 E ±19.8km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
BANDA SEA (280)

MTN	6.06	165	eP	43 40.00	0.9
			eS	44 45.00	
KNA	8.78	185	eP	44 17.00	0.0
			eS	45 49.00	
WRA	13.73	161	Pc	45 20.10	-4.1X
	0.5s	9.00nm		4.8mb	
W82	13.73	161	eP	45 19.80	-4.4X
			iS	47 42.00	
MBL	16.96	213	eP	46 06.00	0.1
ASPA	17.14	166	eP	46 07.00	-1.2
			eS	49 05.00	
W8N	19.29	188	eP	46 31.00	-3.5X
			eS	49 55.00	
CTA	20.82	130	iP	46 50.90	0.2
S.D. = 1.3 on 5 of 8 obs.					

• JUN 23, 1985 10h 09m 38.76± 1.60s
33.711 S ±10.6km 70.765 W ±17.1km
DEPTH = 98.7 ± 11.8 km
4.9mb (1 obs.)
CHILE-ARGENTINA BORDER REGION (127)
Felt (IV) at Santiago and (II) at Valparaiso, Chile.

PEL	0.57	7	iP-	09 54.40	-0.8
			iS	10 06.30	
RFA	2.18	120	iPc	10 15.80	1.6
			S	10 43.30	
RTCV	2.63	46	iPd	10 21.00	0.7
			S	10 51.80	
RTCB	2.77	37	iPd	10 23.00	0.8
			S	10 49.00	
ZON	2.79	40	iPd	10 23.70	1.3
CFA	2.99	46	iPd	10 25.40	0.2
			S	11 02.00	
RTLL	3.07	40	iPd	10 26.50	0.3
			S	11 02 20	
TCA	5.73	67	iPd	11 01.00	-1.9
			S	12 02.20	
CYA	6.76	40	ePc	11 13.00	-4.1X
VBA	8.34	124	ePd	11 37.40	-1 4
ANT	9.97	2	e(P)	11 58.50	-2.3
SLA	10.06	29	eP	11 58.60	-3.6X
TPZ	12.33	9	Pc	12 41.00	8.5X
YJA	12.40	23	eP	12 32.00	-1.4
CNCB	17.02	9	iP	13 33.10	0.6
ARE	17.19	358	eP	13 36.00	1.6
LPB	17.27	9	Pd	13 36.10	0.5
	1.1s	93.67nm		4.9mb	
ZOBO	17.53	8	Pc	13 38.70	-0.2
HUA	21.97	348	eP	14 29.70	3.6X
GBA	144.88	117	PKPd	29 06.60	0.4
	0.7s	10.00nm			
S.D. = 1.4 on 16 of 20 obs.					

? JUN 23, 1985 10h 14m 24.35±12.80s
16.734 N ±59.9km 100.782 W ±101.km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

PIO	2.57	97	iP	15 04.50	0.0
			iS	15 36.50	
OXM	2.75	22	iP	15 06.90	-0.5
TPM	2.77	36	iP	15 07.00	-0.6
UNM	3.00	30	iP	15 13.00	2.1
			iS	15 47.00	
IIC	3.35	25	iP	15 15.00	-0.9
VHO	3.91	82	iP	15 23.00	-0.8
			iS	16 12.00	
PBJ	5.16	93	iP	15 42.00	0.6
TUL	19.61	12	eP	18 59.00	6.1X
	0.9s	7.50nm		4.0mb	
S.D. = 1.3 on 7 of 8 obs.					

• JUN 23, 1985 10h 52m 52.96± 1.52s
11 003 S ±10.7km 163.541 E ±12 8km
DEPTH = 56.8 ± 13 4 km
4 7mb (3 obs.)
SOLOMON ISLANDS (193)

HNR	3.87	293	eP	53 52.00	0.7
			eS	54 40.00	
SVO	4.11	296	eP	53 54.00	-0.7
			eS	54 47.00	
KOU	9.53	176	iPc	55 09.10	-1.1
			iS	56 46.20	
NOU	11 58	166	iPc	55 38.20	0.1
			iS	57 42.50	
PMG	16.21	274	eP	56 23.00	-15.5X
CTA	18.93	239	iPd	57 12.90	0.7
	1.1s	51.90nm		4.7mb	
			iS	00 49.00	
BRS	19.19	210	iPd	57 16.70	1.6
WB2	29.46	249	eP	58 52.70	-1.2
WRA	29.47	249	Pc	58 53.20	-0.8
	1.1s	21.10nm		4.7mb	
MBL	43.07	251	iPc	00 49.30	0.1
MRWA	47.82	240	eP	01 27.00	0.0
EUR	89.69	50	iP	05 47.20	0.6
	1.0s	4.81nm		4.8mb	
SOB1	148.47	129	e(PKP)	12 26.50	-5.7X
S.D. = 1.0 on 11 of 13 obs.					

• JUN 23, 1985 11h 47m 54.01± 0.57s
14 737 N ±11.0km 119.282 E ±13.5km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
LUZON, PHILIPPINE ISLANDS (249)

MAN	1.74	92	iP	48 22.80	0.4
			eS	48 37.80	
WRA	37.51	156	Pd	55 05.50	-1.3
	0.5s	4.80nm		4.6mb	
WB2	37.52	156	eP	55 05.80	-1.0
MEK	41.11	181	eP	55 37.00	0.4
WBN	41.25	170	iPd	55 39.40	1.7
SOD	77.54	337	eP	59 48.00	0.1
KJF	77.54	333	eP	59 48.00	0.1
HFS	84.91	331	eP	00 27.20	0.5
	0.6s	4.00nm		4.8mb	
DAG	85.40	351	iPc	00 28.20	-0.7
	0 5s	4.93nm		5.0mb	
NB2	85.71	332	P	00 30.60	-0.2
	0.7s	2.30nm		4.5mb	
S.D. = 1.0 on 10 of 10 obs.					

• JUN 23, 1985 12h 06m 41.48± 0.93s
48.361 N ±14.3km 142.538 E ±17.7km
DEPTH = 33.0km (normal)
5.0mb (8 obs.)
SAKHALIN ISLAND (662)

MAT	12.23	197	iPc	09 37.80	1.6
	0.7s	75.34nm		5.9mb X	
IMA	36.82	38	eP	13 47.60	-0.3
FBA	39.40	39	eP	14 08.20	-1.1
	0.7s	8.60nm		4.6mb	
INK	44.13	32	eP	14 47.00	-0.9
KKN	48.31	266	eP	15 20.20	-1.6
	0.4s	11.00nm		5.2mb	
PKI	48.37	266	eP	15 20.60	-1.8
	0.5s	8.00nm		5.0mb	
DMN	48.54	266	eP	15 22.40	-1.2
SOD	54.95	335	eP	16 13.00	2.0
KJF	56.81	332	eP	16 26.00	1.6
	0.5s	9.80nm		5.1mb	
SUF	58.35	331	iP	16 36.70	1.5
	0.3s	3.40nm		4.9mb	
NUR	60.45	330	iP	16 50.80	1 1
	0.4s	13.70nm		5.4mb	
NB2	64.11	336	P	17 13.60	-0 6
	0.7s	3.20nm		4.5mb	
HFS	64.17	334	eP	17 14.20	-0.3
	0.5s	7.00nm		5.0mb	
S.D. = 1.5 on 13 of 13 obs.					

JUN 23, 1985 12h 30m 40.68± 0.82s
7.386 S ± 9.0km 156.261 E ± 7.6km
DEPTH = 58.0 ± 10.5 km
4.1mb (2 obs.)
SOLOMON ISLANDS (193)

PAA	1.32	325	iPd	31 04.00	0.7
			eS	31 29.00	
SVO	3.93	117	eP	31 40.00	0.1
HNR	4.18	119	eP	31 42.00	-1.4
			eS	32 41.00	
BIAL	5.57	291	e(P)	32 04.00	1.0
LAT	9.22	274	eP	32 53.00	-0.6
PMG	9.23	257	e(P)	32 47.00	-6.8X
KOU	15.23	150	iPc	34 22.40	8.8X
CTA	15.92	217	iPd	34 21.80	-0.8
	1.1s	14.56nm		4.0mb	
NOU	17.79	148	iPc	34 46.50	0.6
BRS	20.17	189	P	35 14.00	0.9
RMO	20.30	200	eP	35 15.00	0.6
WB2	24.64	237	eP	35 51.70	-5.6X
			i	36 03.20	
WRA	24.65	237	Pc	35 56.70	-0.7
	0.7s	4.80nm		4.1mb	
MTN	25.32	256	eP	36 04.00	0.3
ASPA	26.88	230	eP	36 30.00	11.9X
			eS	40 50.00	
MAT	46.86	340	eP	39 07.00	0.1
LOE	59.23	295	eP	40 36.50	-2.3
SPA	82.66	180	e(P)	42 59.80	0.7
BAO	146.83	134	e(PKP)	50 18.00	0.8
S.D. = 1.1 on 15 of 19 obs.					

• JUN 23, 1985 12h 41m 02.13± 1.67s
11.058 S ± 9.6km 163.553 E ±11.0km
DEPTH = 39.9 ± 14.8 km
5.0mb (5 obs.)
SOLOMON ISLANDS (193)

HNR	3.90	294	eP	42 04.00	2.8X
			eS	42 50.00	
SVO	4.14	297	eP	42 05.00	0.4
PAA	9.26	300	eP	43 17.00	0.6
KOU	9.48	176	iPc	43 18.80	-0.4
			iS	44 58.30	
NOU	11.53	166	iPd	43 46.00	-1.2
			iS	45 43.50	
PMG	16.22	274	e(P)c	44 47.00	-1.9
CTA	18.91	240	iPd	45 24.00	1.6
	1.1s	134.81nm		5.1mb	
			iS	49 01.00	
BRS	19.15	210	iPc	45 26.20	1.1
RMO	20.75	220	eP	45 44.00	1.9
CMS	26.12	216	eP	46 35.00	0.7
	1.0s	55.00nm		5.1mb	
WB2	29.45	249	eP	47 03.10	-1.6
WRA	29.46	249	Pd	47 03.90	-0.9
	0.9s	38.00nm		5.1mb	
ASPA	30.88	242	eP	47 16.00	-1.3
	1.1s	16.00nm		4.7mb	
			eS	52 33.00	
KNA	34.13	258	eP	47 45.00	-0.7
WBN	37.96	242	eP	48 18.00	0.0
MBL	43.06	251	eP	49 01.00	0.8
MEK	45.07	243	eP	49 17.00	0.6
MRWA	47.80	241	eP	49 37.00	-0.9
KMI	69.30	302	eP	52 12.00	3.9X
SPA	79.01	180	e(P)	53 07.30	3.8X
EUR	89.71	50	iP	53 57.60	-0.4
	1.0s	5.77nm		4.8mb	
PRN	89.90	52	eP	54 00.00	1.2
SOB1	148.43	129	ePKP	00 52.40	9.0X
S.D. = 1.2 on 19 of 23 obs.					

JUN 23, 1985 13h 01m 37.15± 1.03s
11.012 S ± 4.5km 163.584 E ± 3.9km
DEPTH = 35.8 ± 9.1 km
5.7mb (31 obs.) 6.5Msz (28 obs.)
SOLOMON ISLANDS (193)
Ms 6.1 (BRK), 6.1 (PAL). Felt strongly in the eastern Solomon Islands.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 34C M.W.: 14S, 28C

Centroid Location:
Origin Time 13:01:39.7 0.2
Lat 10.91S 0.01 Lon 163.86E 0.02
Dep 10.5 2.0 Half-duration 6.9
Moment Tensor; Scale 10**25 D-CM
Mrr=-0.60 0.06 Mtt=-2.71 0.06
Mff= 3.31 0.06 Mrt= 1.88 0.68
Mrf=-4.43 1.23 Mtf= 4.77 0.06
Principal Axes:
T Val= 7.25 Plg=24 Azm=111
N 0.35 50 350
P -7.60 31 216
Best Double Couple:Mo=7.4*10**25
NP1:Strike=251 Dip=50 Slip= -6
NP2: 345 86 -140

HNR 3.91 293 eP 02 37.00 0.7
eS 02 46.00
SVO 4.15 296 eP 02 40.00 0.2
eS 02 48.00
PVC 8.11 146 iPd 03 32.00 -3.4X
PAA 9.27 300 eP 03 30.00 -21.6X
eS 06 10.00
KOU 9.52 176 iPc 03 53.40 -1.5
iS 05 35.50
NOU 11.56 167 iPc 04 22.50 -0.4
iS 06 28.00
RAB 13.18 300 iP+ 04 40.00 -4.6X
BIAL 13.63 294 e(P) 04 50.00 -0.5
LMG 15.34 276 e(P) 05 15.00 2.0
SGE 15.35 117 eP 05 11.00 -2.1
PMG 16.25 274 iPc 05 28.00 3.5X
LAT 16.95 283 iPc 05 36.00 2.7X
MOM 18.37 298 eP 05 48.00 -2.9X
MDG 18.53 287 eP 05 55.00 2.1
CTA 18.96 239 iPd- 05 58.00 -0.3
1 0s 787.00nm 5.9mb X
iS 09 26.00
BRS 19.21 210 iPd 06 01.10 0.1
RMO 20.80 220 iPd 06 18.90 0.9
1.4s 3642.00nm 6.6mb
WEW 21 12 289 eP 06 22.00 0.7
COO 22.29 207 eP 06 34.00 1.0
AFI 24.23 99 P 06 50.00 -2.0
CRZ 24.75 162 P 07 15.20 18.4X
RIV 25.40 205 eP 07 06.00 3.0X
eS 11 28.00
CMS 26.17 216 eP 07 09.00 -1.2
0.9s 108.00nm 5.4mb
YOU 27.01 209 iPc 07 19.50 1.7
ipP 07 33.00 55kmX
CAN 27.59 206 eP 07 24.80 1.6
epP 07 44.70 88kmX
WAM 28.38 206 iPc 07 32.30 2.1
epP 07 48.00 66kmX
KRP 28.86 160 P 07 35.80 1.3
STK 29.04 221 eP 07 36.00 -0.3
WB2 29.50 249 iPd 07 38.20 -2.3
eS 12 27.70
WRA 29.51 249 Pc 07 36.20 -4.4X
1.4s 302.30nm 5.8mb
GUA 30.63 322 eP+ 07 52.00 1.5
1.1s 253.16nm 5.9mb
Z 22s 103.70um 6.4Msz
eS 12 55.00
GUMO 30.69 322 eP 07 51.50 0.4
ASPA 30.92 242 iPd 07 50.80 -2.3
1.2s 110.00nm 5.5mb
eS 12 09.00
TOO 31.04 209 eP 07 53.00 -1.0
MTN 31.79 263 eP 07 59.00 -1.8
ADE 32.88 220 iPc 08 09.90 -0.2
1.3s 184.62nm 5.8mb
MSZ 33.74 174 P 08 19.00 1.6
KNA 34.17 258 eP 08 19.00 -2.4
TAU 34.79 201 eP 08 28.00 1.5
eS 14 02.00
AAI 35.82 279 eP 08 35.80 0.3
WBN 38.01 241 eP 08 52.00 -1.9
DAV 41.88 294 eP 09 25.00 -1.0
eS 15 44.00
MBL 43.11 251 iPd 09 34.70 -1.3
0.5s 45.00nm 5.5mb
KLG 43.67 237 eP 09 41.00 0.6
MEK 45.12 243 eP 09 51.00 -1.2
AFR 45.57 104 eP 09 57.00 1.2
1.6s 240.00nm 5.9mb

PAE 45.76 104 eP 09 59 00 1.7
1.6s 260.00nm 5.9mb
PPT 45.77 104 eP 09 59.00 1.6
1.6s 215.00nm 5.8mb
TVO 46.08 104 eP 10 01.00 1.1
1.6s 355.00nm 6.1mb
KLB 46.94 237 eP 10 06.00 -0.5
NAU 47.26 250 eP 10 08.00 -1.1
PMO 47.37 100 iP 10 10.00 -0.1
1.6s 475.00nm 6.2mb
BAL 47.56 239 eP 10 12.00 0.6
VAH 47.62 101 iP 10 11.80 -0.2
1.6s 415.00nm 6.2mb
TPT 47.64 100 iP 10 11.90 -0.3
1.6s 295.00nm 6.1mb
NWAO 47.73 235 eP 10 12.00 -0.7
MRWA 47.85 241 eP 10 12.00 -1.7
RUV 47.86 101 iP 10 13.50 -0.4
1.6s 380.00nm 6.2mb
MUN 48.31 237 eP 10 17.00 -0.3
Z 20s 100.00um 6.8Msz
MAN 49.25 300 ePc 10 26.20 1.6
HON 49.55 50 P 10 32.00 5.2X
KKM 50.10 287 ePc 10 30.00 -1.3
1.0s 120.50nm 5.9mb
MAT 52.99 334 iPc 10 52.20 -0.5
1.5s 77.78nm 5.5mb
eS 18 09.00
SHK 53.96 328 eP 10 59.10 -0.7
MIY 54.25 339 eP 11 06.00 4.1X
eS 18 38.00
ANP 54.54 312 iP+ 11 06.00 1.6
iS 18 49.00
OZH 56.58 310 eP 11 17.00 -2.0
iS 19 12.00
PS 19 22.00
DRV 57.82 191 eP 11 26.00 -1.1
eS 19 27.50
eSSS 25 46.00
SSE 58.37 317 P+ 11 30.50 -0.9
6.0s 2.70nm 3.5mb X
Z 23s 35.20um 6.4MszX
N 13s 6.60um
E 16s 18.10um
S 19 26.00
sS 19 40.00
i 22 22.00
HKC 58.67 305 eP 11 35.00 1.3
eS 19 45.00
SEO 59.27 327 iPc 11 39.50 1.9
Z 20s 24.11um 6.3Msz
eS 19 46.00
GZH 59.72 305 Pc 11 44.50 3.5X
NJ2 60.52 317 Pd 11 48.00 1.7
iS 20 03.00
OIZ 60.80 299 P 11 49.00 0.6
S 20 07.00
KGM 61.31 278 eP 11 47.00 -5.0X
WHN 62.80 313 eP 12 03.00 1.4
S 20 32.00
DL2 63.19 324 P 12 03.00 -1.1
MDJ 63 35 333 eP 12 03.80 -1.2
iS 20 38.00
PPI 63.62 275 ePc 12 07.20 -0.2
SNY 64.15 328 Pd 12 09.00 -1.3
PP 14 27.50
S 20 39.00
TIA 64.19 319 P 12 07.50 -3.2X
CN2 64.64 330 Pd 12 12.50 -1.0
pP 12 23.00 34kmX
PP 14 40.00
S 20 56.00
SNG 65.21 283 eP 12 16.00 -1.7
PSI 65.74 278 ePc 12 19.70 -1.4
1.0s 8.60nm 4.8mb
TSI 66.27 279 ePd 12 24.50 0.0
GYA 66.65 305 P 12 29.60 2.7X
S 21 21.00
SS 25 38.00
SBA 66.85 179 iPc- 12 29.50 2.3
2.2s 338.46nm 6.0mb
Z 21s 16.42um 6.2Msz
BJI 67.14 322 eP 12 29.00 -0.5
eS 21 16.00
LOE 67.31 294 eP 12 29.00 -2.1
TIY 68.11 318 iPc 12 36.50 0.7
S 21 32.00

SS 25 58.50
XAN 68.54 313 P 12 39.90 1.3
S 21 38.50
KMI 69.30 302 iP 12 45.00 1.4
7.0s 2.90nm 3.4mb X
N 16s 14.00um
pP 13 12.00 107kmX
sP 13 24.00
S 21 44.00
iS 21 51.00
SKS 22 30.00
SS 26 25.00
CHG 70.27 295 iPc 12 50.00 0.6
1.1s 58.54nm 5.5mb
eS 22 04.00
HHC 70.45 321 Pd 12 52.60 2.4
PP 15 30.00
S 22 04.50
PS 22 37.00
SKS 22 51.00
CD2 70.90 308 P 12 51.50 -1.6
iS 22 08.00
BTO 71.28 320 eP 12 56.50 1.3
GTA 77.51 315 P 13 33.20 2.0
S 23 19.00
SS 28 12.00
SHL 78.64 299 eP 13 36.00 -1.8
iS 23 33.00
SPA 79.06 180 eP 13 41.30 2.1
1.0s 49.50nm 5.5mb
Z 22s 16.83um 6.3Msz
TTA 80.02 18 eP 13 44.20 -0.1
LSA 80.55 303 eP 13 48.80 0.5
S 23 51.50
PMR 81.27 21 eP 13 51.00 0.2
1.8s 95.50nm 5.5mb
Z 20s 42.50um 6.8Msz
IMA 83.06 16 eP 13 59.90 -0.3
MAW 83.95 202 eP 14 06.00 1.4
FBA 83.96 19 eP 14 03.20 -1.4
1.8s 273.00nm 6.1mb
GCC 84.42 51 eP 14 07.60 0.1
BKS 84.50 50 iPd 14 08.30 0.4
0.8s 22.00nm 5.4mb
Z 20s 16.00um 6.4Msz
N 20s 8.00um
E 20s 19.00um
iPP 17 58.00
ePPP 18 56.00
iS 24 24.00
eSS 30 16.00
eLO 36 10.00
eLR 39 46.00
PRS 84.68 52 eP 14 09.00 0.1
PKI 84.77 299 eP 14 09.60 -0.3
MHC 84.79 51 eP 14 09.80 0.3
ARN 84.87 51 P 14 10.00 0.2
KKN 84.93 299 eP 14 10.40 -0.2
DMN 85.03 299 eP 14 11.20 0.1
WDC 85.14 47 eP 14 10.30 -0.7
SYP 85.24 54 eP 14 14.00 2.2
ORV 85.57 48 eP 14 12.60 -0.6
MIN 85.74 48 eP 14 13.80 -0.5
JAS1 85.89 50 ePc 14 14.50 -0.4
COR 85.93 43 iPc 14 14.00 -0.8
FRI 86.16 51 eP 14 15.30 -0.9
BRW 86.32 12 eP 14 17.20 0.9
PAS 86.57 54 eP 14 18.00 -0.3
Z 20s 12.50um 6.3Msz
ePP 17 51.00
iS 24 58.00
ePS 26 00.00
e 26 50.00
eS 30 40.00
ePKKS 32 08.00
eSS 34 01.00
eLg 36 52.00
eLR 40 24.00
BFW 86.62 42 P 14 18.00 -0.4
MWC 86.68 54 eP 14 18.00 -1.1
ISA 86.74 53 eP 14 18.00 -1.2
SBB 86.99 54 eP 14 20.00 -0.4
RVR 87.16 55 eP 14 21.00 -0.2
GMW 87.26 41 P 14 21.60 0.3
BAR 87.40 56 eP 14 22.00 -0.3
PLM 87.41 55 eP 14 22.00 -0.6
CLC 87.47 53 eP 14 22.00 -0.7

23d 13h

WMO	87.57	315	P	14	23.00	0.0
MNA	87.74	50	eP	14	24.00	0.0
GSC	87.96	54	eP	14	24.00	-1 1
KOD	88.17	281	eP	14	28.00	1.3
TPC	88.26	55	eP	14	26.00	-0.5
HYB	88.58	288	eP	14	28.00	-0.3
YMT3	88.64	52	eP	14	28.50	0.2
GBA	88.87	284	Pc	14	34 90	5.3X
	0.6s	9.30nm			5.3mb	
BMN	88.97	49	eP	14	30.00	0.1
	1.5s	60	61nm		5.7mb	
GLA	88.99	56	eP	14	30.00	0.0
EUR	89.66	50	iP	14	33.20	-0.1
PRN	89.85	52	eP	14	34.80	0.7
INK	90.56	19	eP	14	37.00	0.5
NEW	91.11	41	eP	14	39.00	-0.5
Z	20s	17.00um			6.5Msz	
DUG	92.19	50	P	14	45.20	0.4
MSU	92.32	51	P	14	46.50	1.0
HPI	92.74	46	P	14	48.20	0.8
RMU	92.96	53	eP	14	51.00	2.6X
POO	93.19	288	eP	14	52.00	2.4
			iS	25	52.00	
LRM	93.64	44	eP	14	51.10	-0.4
EDM	94.61	37	ePd	14	55.00	-0.5
KSH	95.07	309	P	15	01.00	3.0X
BDW	95.09	48	eP	14	57.80	-0.4
	1.2s	14.49nm			5.3mb	
SES	95.46	40	eP	14	58.00	-1.5
YKC	95.98	28	eP	15	01.00	-0.5
	1.2s	23.00nm			5.5mb	
ALO	96.18	56	eP	15	03.50	0.2
Z	18s	13.06um			6.5Msz	
MBC	97.56	14	eP	15	09.00	0.6
LTX	97.68	62	eP	15	10.00	0.0
	1.2s	2.61nm			4.6mb X	
GOL	97.73	51	eP	15	13.00	2.7X
	1.5s	11.01nm			5.2mb	
Z	20s	21.75um			6.6Msz	
GLD	97.85	51	eP	15	13.00	2.3
	1.5s	25.00nm			5.5mb	
Z	20s	28.00um			6.8Msz	
RSSD	99.27	47	e(P)	15	20.00	2.9X
QUE	101 14	299	ePdiff	15	28.00	2.2
			eS	26	09.00	
JCT	101.15	61	e(Pdif	15	18.00	-7.7X
Z	20s	21.28um			6.7Msz	
FFC	101.46	36	ePdiff	15	26.00	-0.4
	1.3s	13.00nm			5.4mb	
TUL	104.94	56	Pdiff	15	28.00	-14.4X
Z	19s	19.60um			6.7Msz	
N	19s	2.07um				
E	19s	6.33um				
		e(S)	26	23.50		
PLC	105.57	55	ePKP	20	02.50	3.9X
BHC	105 62	57	(PKP)	20	03.50	4.8X
RSON	106 48	40	Pdiff	16	00.00	11.1X
Z	22s	15.87um			6.5Msz	
RSON	106.48	40	e(Pdif	15	44.00	-4.9X
Z	22s	8.99um			6.3Msz	
MHI	107.75	305	ePdiff	16	04.00	9.0X
		e		19	41.00	
		e		20	29.00	
		eS		29	40.00	
KJF	118.62	340	ePKP	20	20.00	-2.5
	1.0s	20.00nm				
Z	20s	11.80um			6.5Msz	
		i		20	24.00	
		ePP		21	36.00	
		eSKKS		28	36.00	
		ePS		31	24.00	
		eSS		38	08.00	
TPZ	119.36	122	(PKP)	20	24.00	-1.7
SUF	120.11	339	ePKP	20	24.00	-1.4
	0.6s	1.60nm				
RSNY	120.23	45	ePKP	20	23.20	-3.0X
	1.2s	13.79nm				
Z	20s	15.25um			6.6Msz	
CNCB	122.01	118	(PKP)	20	34.00	2.9
LPB	122.02	117	ePKP	20	24.00	-6.9X
Z	21s	7.53um			6.3Msz	
		PP		22	08.00	
		SS		39	30.00	
		LR		59	24.00	
NUR	122.09	337	iPKP	20	29.50	0.3
	0.8s	11.70nm				
Z	20s	14 60um			6.6Msz	
			ePP	22	08.00	
			ePS	32	04.00	
			eSS	38	36.00	
ZOBO	122.11	117	PKPd	20	23.10	-8.2X
SLR	123.20	229	ePKP	20	28.00	-4.7X
Z	22s	26.85um			6.9Msz	
		S		32	04.00	
MTD	125.09	240	ePKP	20	35.00	-1.5
BUL	125.95	235	ePKP	20	37.40	-0.8
NB2	126.10	344	PKP	20	35.40	-1 7
	1.0s	5.70nm				
HFS	126.11	342	ePKP	20	35.80	-1.3
	0.8s	2.30nm				
Z	19s	15.35um			6.7Msz	
		LR		04	57.00	
KRI	126.74	239	ePKP	20	41.00	1.2
BHL	127.40	304	PKP	20	40.00	-0.5
COP	130.05	339	ePKP	20	58.00	13.3X
MLR	130.18	322	ePKP	20	48.00	2.5X
BUC	130.62	320	ePKP	20	59.00	12.9X
SPC	131.30	329	e(PKP)	20	50.40	2.8X
Z	17s	27.10um			7.0MszX	
		e		21	45.30	
		e		23	07.00	
SJG	131.47	76	e(PKP)	20	48.00	-0.6
Z	20s	5.67um			6.3Msz	
KSP	132.11	332	ePKP	20	49.50	0.7
		e		22	11.00	
BRG	133.12	334	ePKP	20	51.50	0.8
		e		21	02.00	
		e		21	46.20	
		eSKP		24	20.50	
		eSS		41	00.00	
SRO	133.16	328	e(PKP)	20	37.50	-13.4X
N	20s	11.30um				
E	21s	11.50um				
		e		21	06.00	
		e		23	17.20	
CLL	133.20	335	ePKP	20	54.00	3.2X
PRU	133.51	333	ePKP	21	00 00	8.5X
Z	21s	16.70um			6.7Msz	
N	20s	7.20um				
E	19s	8.40um				
		e		23	26.50	
ZST	133.53	329	ePKP	20	55.30	3.7X
		e		21	47.50	
		e		23	14.00	
VKA	133.87	330	ePKPd	20	55.00	2.8X
	5.0s	634.00nm				
Z	20s	5.60um			6.3Msz	
		e		21	08.00	
		iPP		23	27.00	
MOX	134.28	335	ePKP	21	00.00	7.1X
		ePP		23	30.00	
		ePKS		24	40.00	
		eSS		41	15.00	
		eLO		56	00.00	
KHC	134.56	333	iPKPd	20	55.60	2.0
Z	20s	8.20um			6.4Msz	
N	20s	6.40um				
E	20s	5.00um				
		e		23	33.00	
VAO	134.86	139	e(PKP)	20	58.00	3.0X
WTS	134.99	340	ePKP	20	58.00	3.8X
	1.0s	9.00nm				
		ePP		23	35.00	
KMR	135.07	331	PKP	20	55.00	0.5
		iPP		23	32.40	
		ePPP		26	31.00	
		i		33	12.70	
GRF	135.17	335	ePKP	20	59.20	4.5X
		ePP		23	40.00	
		ePKS		24	41.00	
ATH	135.20	314	ePKP	20	56.00	1.0
DBN	135.44	341	ePKP	21	10.00	15.0X
Z	20s	6.20um			6.3Msz	
		iPP		23	41.00	
		iPPP		26	31.00	
		iSS		41	35.00	
KBA	136.14	331	(PKP)	20	58.30	1.5
		i(PP)		21	43.20	
		e		23	36 00	
LJU	136.28	329	ePKP	21	01.00	4.1X
		e		23	44.00	
MEM	136 43	339	PKP	21	01.20	4 3X
		e		23	51.20	
UCC	136.82	341	PKP+	21	12.00	14.3X
			e	23	44.00	
TRI	136.90	329	ePKP	21	03.00	5.0X
			iPP	23	48.00	
			iSKP	24	36.00	
			iSKSP	34	00.00	
			i	37	32.00	
			iSS	41	46.00	
			iSSS	46	36.00	
WLF	137.17	338	PKP	21	01.40	3 0X
			e	24	01 70	
RDJ	137 28	142	ePKP	21	14.00	14.6X
DOU	137.35	340	PKPc	21	03.70	5.0X
Z	22s	13.10um			6.6Msz	
			PP	23	53.00	
			e	31	25.00	
			SS	41	46.00	
BSF	138.44	336	ePKP	21	03.80	2.8X
	1.0s	7.40nm				
VAL	138.88	354	PKP	21	09.00	7.5X
			PP	24	03.00	
BAO	139.03	130	e(PKP)	21	04.40	1.4
FIR	139.52	329	ePKP	21	10.00	7.1X
GRC	140.27	339	ePKPc	21	03.80	-0.4
LPG	140.33	334	ePKP	21	02.90	-1.9
	1.0s	6.50nm				
SMF	140.55	338	ePKP	21	02.20	-2.5
ATB	141.64	110	e(PKP)	21	03.70	-3.9X
MLS	144.72	338	ePKP	21	10.70	-1.4
EPF	144.93	338	ePKP	21	14.70	2.2
	1.0s	18.80nm				
EBR	146.77	336	ePKP	21	17.00	1.5
SOB1	148.43	129	ePKP	21	20.80	1.8
TOL	149.22	341	ePKP	21	23.50	4.0X
			iPKKP	21	57.00	
			iPP	25	30.00	
			eSS	44	10.00	
			iSSS	49	25.00	
ALI	149.27	335	iPKP+	21	27.50	8.0X
ITR	150.59	131	e(PKP)	21	14.00	-8.3X
ALM	151.36	336	ePKP	21	19.80	-2.9
CRT	151.49	338	ePKP	21	32.50	9.5X
SFS	153.03	342	ePKP	21	38.00	12.9X
			e	22	30.00	
			ePP	26	20.00	

S.D. = 1.3 on 171 of 232 obs.

• JUN 23, 1985 13h 24m 31.19± 0.47s
11.002 S ±10.3km 163.405 E ± 8.8km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
SOLOMON ISLANDS (193)

NOU	11.62	166	iPc	27	17.50	-0.3
CTA	18.82	239	iPd	28	52.20	1.5
	1.0s	35.00nm			4.5mb	
BRS	19.13	210	iPd	28	54.50	0.1
WB2	29.34	249	eP	30	32.20	-1.2
WRA	29.35	249	Pd	30	33.10	-0.4
	0.6s	5.60nm			4.5mb	
WBN	37.86	241	eP	31	47.00	0.0
MBL	42.94	251	iPc	32	29.00	0.0
MEK	44.96	243	eP	32	45.00	-0.3
	0.6s	32.00nm			5.4mb	
MWC	86.82	54	eP	37	14.00	-0.1
SBB	87.12	54	eP	37	15.00	-0.4
RVR	87.30	55	eP	37	16.00	-0.2
PLM	87.55	56	eP	37	18.00	0.3
GLA	89.13	56	eP	37	26.00	0.9

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

JUN 23, 1985 13h 46m 27.69± 0.79s
10.945 S ± 4.0km 163.676 E ± 3.3km
DEPTH = 39.4 ± 7.3 km
5.6mb (24 obs.)
SOLOMON ISLANDS (193)

HNR	3.97	292	eP	47	30.00	2.3
			eS	48	17.00	
SVO	4.20	295	eP	47	31.00	0.0
			eS	48	10.00	
PVC	8.11	147	iPd	48	25.00	-0.9
PAA	9.31	299	eP	48	42.00	-0.6
			eS	50	28.00	
KOU	9.58	177	iPc	48	46.60	0.4
NOU	11 61	167	iPc	49	14.00	0.1
			iS	51	19.00	
BIAL	13.69	293	e(P)	49	40.00	-1.6

SGE	15.30	117	eP	50	01.50	-1.3	SBB	86.88	54	eP	59	10.00	0.0	ADE	32.99	220	iPd	04	20.60	1.0
PMG	16.33	274	eP	50	17.00	1.1	RVR	87.05	55	eP	59	11.00	0.3		1.0s	110.00nm				5.7mb
LAT	17.02	283	e(P)	50	28.00	3.5X	BAR	87.28	56	eP	59	12.00	0.1	MSZ	33.75	175	eP	04	32.00	6.0X
MDG	18 59	286	eP	50	44.00	0.0	PLM	87.30	55	eP	59	12.00	-0.2	KNA	34.32	258	eP	04	29.00	-2.3
CTA	19.07	239	iPd	50	50.40	0.5	WMO	87.59	315	P	59	14.00	0.8				eS	10	37.00	
	1.1s	202.53nm				5.3mb	GSC	87.84	54	eP	59	13.00	-1.6	TAU	34.86	201	eP	04	21.00	-14.6X
			iS	54	22.00		TPC	88.15	55	eP	59	16.00	-0.1	WBN	38.15	242	eP	05	03.00	-0.6
BRS	19.31	211	iPc	50	53.00	0.5	YMT3	88.53	52	eP	59	18.00	0.1		0.5s	25.00nm				5.3mb
RMO	20.91	220	iPd	51	10.80	1.4	BMN	88.86	49	eP	59	20.00	0.5	MBL	43.26	251	eP	05	45.00	-0.7
	1.1s	875	00nm			6.0mb X		1.5s	30.30nm				5.4mb	KLG	43.81	237	eP	05	53.00	2.9X
WEW	21.19	289	eP	51	16.00	3.8X	GLA	88.88	56	eP	59	20.00	0.4	MEK	45.26	243	eP	06	01.00	-0.9
COO	22.40	208	eP	51	25.00	0.8	EUR	89.55	50	iP	59	23.50	0.6		0.6s	38.00nm				5.5mb
AFI	24.15	100	P	51	41.00	-0.4		0.3s	17.88nm				5.9mb	AFR	45.43	104	eP	06	03.00	-0.2
CMS	26.28	216	eP	52	02.00	0.6	PNT	89.71	40	eP	59	23.00	-0.1		1.4s	180.00nm				5.8mb
	1.0s	64	00nm			5.2mb	PRN	89.74	52	eP	59	24.00	0.3	PPT	45.62	104	eP	06	05.00	0.2
STK	29.15	221	eP	52	28.00	0.5	INK	90.47	19	eP	59	28.00	1.8		1.4s	125.00nm				5.6mb
WB2	29.61	249	iPd	52	30.70	-1.0	NEW	91.00	41	eP	59	28.00	-1.1	PPN	45.76	104	eP	06	06.00	0.2
WRA	29.62	249	Pc	52	31.10	-0.7	LRM	93.53	44	eP	59	41.50	0.4	TVO	45.94	104	eP	06	07.00	-0.3
	1.2s	202.30nm				5.7mb	EDM	94.50	37	eP	59	45.00	-0.1		1.4s	285.00nm				6.0mb
ASPA	31.04	242	eP	52	43.00	-1.3	BDW	94.97	48	eP	59	48.10	0.3	KLB	47.07	237	eP	06	13.00	-3.1X
	1.0s	50.00nm				5.2mb		1.1s	4.71nm				4.8mb	PMO	47.22	100	iP	06	17.70	0.3
TOO	31.14	209	eP	52	46.00	0.9	SES	95.35	40	eP	59	49.00	-0.1		1.4s	265.00nm				6.1mb
ADE	32.99	220	iPd	53	02.00	0.8	ALQ	96.07	56	eP	59	52.80	-0.1	NAU	47.40	250	eP	06	18.00	-0.8
	1.1s	113.92nm				5.7mb		1.0s	4.75nm				4.9mb	VAH	47.48	101	iP	06	19.40	0.0
MSZ	33.80	175	eP	53	15.00	6.9X	MBC	97.48	14	eP	00	00.50	2.4		1.4s	220.00nm				6.0mb
KNA	34.27	258	eP	53	11.00	-1.5	LTX	97.57	62	eP	00	10.00	10.4X	TPT	47.49	100	iP	06	19.50	-0.1
TAU	34.89	201	eP	53	18.00	0.5		1.5s	6.86nm						1.4s	115.00nm				5.7mb
WBN	38.12	241	iPd	53	45.00	0.0	CNCB	121.96	118	iPdiff	01	57.80	8.5X	BAL	47.70	239	eP	06	21.00	-0.1
MBL	43.21	251	iPd	54	26.50	-0.5	LPB	121.97	117	ePdiff	01	57.00	7.8X	RUV	47.72	101	iP	06	21.20	-0.1
MEK	45.23	243	eP	54	43.00	-0.2	ZOBO	122.06	117	Pdiffc	01	56.50	6.7X		1.4s	215.00nm				6.0mb
AFR	45.50	104	eP	54	46.00	0.6	NB2	126.06	344	PKP	05	28.00	0.9	NWAO	47.86	235	eP	06	23.00	0.7
	1.6s	310.00nm				6.0mb		1.3s	4.00nm					MRWA	47.99	241	eP	06	22.00	-1.4
PAE	45.69	104	eP	54	47.00	0.1	KHC	134.54	333	PKP	05	46.80	3.2X		0.7s	32.00nm				5.5mb
	1.6s	285.00nm				5.9mb	MLS	144.69	338	ePKP	06	01.60	-0.5	MUN	48.45	237	eP	06	27.00	0.2
PPT	45.69	104	eP	54	47.00	0.0	SOB1	148.40	128	ePKP	06	12.60	3.6X	KKM	50.24	287	ePc	06	41.30	0.4
	1.6s	190.00nm				5.8mb	TOL	149.19	341	(PKP)	06	15.00	5.5X	BAG	50.64	302	eP	06	43.50	-0.5
TVO	46.01	104	eP	54	50.00	0.5	ITR	150.56	131	e(PKP)	06	21.00	8.7X	MAT	53.04	334	(P)	06	59.00	-2.6
	1.6s	285	00nm			6.0mb	CRT	151.46	338	iPKP	06	22.20	9.1X		1.0s	12.00nm				4.8mb
KLB	47.05	237	eP	54	56.00	-1.5		S.D. = 0.9		on	91	of	103 obs.	SHK	54.02	328	eP	07	06.40	-2.4
PMO	47.29	100	iP	54	59.80	0.2								DRV	57.87	191	eP	07	35.50	-0.5
	1.6s	310.00nm				6.0mb		JUN 23, 1985 13h 57m 45.38± 0.18s						SSE	58.46	317	Pd	07	41.00	0.4
NAU	47.36	249	eP	55	00.00	-0.1		10.994 S ± 4.5km 163.738 E ± 3.5km							6.0s	2.30nm				3.4mb X
VAH	47.54	101	iP	55	01.60	0.0		DEPTH = 33.0km (normal)						NJ2	60.61	317	eP	07	56.00	0.5
	1.6s	380.00nm				6.1mb		5.4mb (27 obs.) 6.0Msz (2 obs.)						OIZ	60.92	299	eP	07	58.60	0.8
TPT	47.56	100	iP	55	01.70	0.0		SOLOMON ISLANDS					(193)	KGM	61.46	278	ePd	08	01.60	0.0
	1.6s	190.00nm				5.8mb								WHN	62.90	313	eP	08	11.50	0.7
BAL	47.67	238	eP	55	02.00	-0.5	HNR	4.04	292	eP	58	46.00	-0.5	DL2	63.27	324	eP	08	14.00	0.9
RUV	47.78	101	eP	55	03.30	-0.2				eS	59	38.00		MDJ	63.40	333	eP	08	12.50	-1.4
	1.6s	285.00nm				6.0mb	SVO	4.28	295	eP	58	49.00	-0.8	PPI	63.77	275	eP	08	18.50	1.6
NWAO	47.84	235	eP	55	01.00	-2.8				eS	59	14.00		SNY	64.22	328	eP	08	20.40	1.1
MRWA	47.97	240	eP	55	04.00	-0.8	PVC	8.04	147	iPd	59	43.00	0.2	TIA	64.28	319	eP	08	20.20	0.3
MUN	48 43	237	eP	55	08.00	-0.3	KOU	9.53	177	iPc	00	02.60	-0.8	IPM	64.30	281	ePc	08	20.10	-0.3
MAT	52.97	334	eP	55	41.00	-1.7	NOU	11.55	167	iPc	00	31.50	0.5				e	08	52.00	
	1.3s	55.77nm				5.4mb				iS	02	34.50		CN2	64.70	330	eP	08	21.60	-0.8
SHK	53.95	328	eP	55	49.60	-0.2	BIAL	13.77	293	e(P)	01	02.00	1.4	PSI	65.89	278	ePc	08	29.50	-1.1
DRV	57.91	191	eP	56	17.50	-0.4	NDF	14.88	118	eP	01	15.00	-0.2	TSI	66.42	279	e(P)	08	35.00	1.0
SSE	58 38	317	eP	56	22.00	0.3	SGE	15.22	117	eP	01	18.50	-1.3	GYA	66.77	305	P	08	37.00	0.8
	1 0s	32.00nm				5.4mb	SVA	15.90	118	eP	01	28.00	-0.5	SBA	66.87	179	eP	08	36.80	1.0
NJ2	60.54	317	eP	56	38.40	1.9	PMG	16 40	274	eP	01	41.00	6.2X		2.0s	64.71nm				5.4mb
KGM	61.39	278	ePc	56	41.70	-1.0	LAT	17.09	283	eP	01	43.00	-0.5	BJI	67.22	322	eP	08	29.00	-9.6X
PPI	63.70	275	eP	56	57.00	-1.1	MDG	18.67	286	eP	02	04.50	1.5	TIY	68.20	318	eP	08	46.60	1.7
SBA	66 92	179	eP	57	19.20	1.5	CTA	19.10	240	iPd	02	08.40	0.1	NST	68.31	292	eP	08	47.00	1.1
	3.0s	420.00nm				6.0mb		1.6s	813.33nm				5.7mb	XAN	68.64	313	eP	08	46.50	-1.2
BJI	67.14	322	eP	57	19.00	-0.7	BRS	19.30	211	iPd	02	11.20	0.6	KMI	69.42	302	Pc	08	53.50	0.6
LOE	67.36	294	eP	57	20.00	-1.5	RMO	20.91	220	eP	02	29.00	1.3	CHG	70.41	295	iPc	09	00.20	1.4
			e	08	40.00			1.1s	781.00nm				6.0mb		1.0s	17.50nm				5.1mb
HHC	70.45	321	P	57	41.50	1.2	WEW	21.26	289	eP	02	33.00	1.8	HHC	70.53	321	Pc	09	01.50	2.3
BTO	71.28	320	eP	57	45 00	-0.4	COO	22.38	208	eP	02	34.00	-8.4X	CD2	71.01	308	iPc	09	04.80	2.5X
LZH	73.19	313	P	57	58.00	1.1	AFI	24.08	99	P	02	59.00	-0.1	BTO	71.36	320	eP	09	06.00	1.7
GTA	77.53	315	Pc	58	22.70	1.3	CRZ	24.72	162	eP	03	13.00	8.0X	GTA	77.61	315	iPc	09	43.10	2.8X
PMR	81.17	21	eP	58	40.00	-0.4	CMS	26.28	216	eP	03	19.00	-0.7	SPA	79.08	180	e(P)	09	50.00	2.1
	1.8s	71.40nm				5.4mb		0.9s	82.00nm				5.3mb	LSA	80.66	303	eP	09	58.60	1.1
IMA	82.97	16	eP	58	50.20	0.3	CAN	27.68	207	eP	03	34.40	1.9	MAW	84.03	202	eP	10	15.00	1.4
FBA	83.87	19	eP	58	53.60	-0.7				e	03	49.10		SYP	85.10	54	eP	10	22.00	2.2
	1.8s	77.30nm				5.5mb	KRP	28.83	160	eP	03	46.00	3.2X	JAS1	85.76	50	eP	10	22.00	-0.8
MAW	84.05	202	eP	58	57.00	1.8				e	04	09.00			0.8s	7.80nm				5.0mb
PKI	84.81	299	eP	59	00.80	0.6	STK	29.16	221	eP	03	46.00	0.2	PAS	86.43	54	eP	10	26.00	-0.2
	1.0s	40.00nm				5.5mb	WB2	29.64	249	eP	03	48.20	-2.1	MWC	86.55	54	eP	10	26.00	-1.0
KKN	84.98	299	eP	59	01.50	0.6	WRA	29.66	249	Pc	03	49.10	-1.3	ISA	86.61	53	eP	10	26.00	-1.1
	1.0s	28.00nm				5.4mb		0.8s	70.90nm				5.5mb	SBB	86.86	54	eP	10	28.00	-0.3
SYP	85.12	54	eP	59	01.00	-0.4	ASPA	31.07	242	eP	04	01.00	-1.9	RVR	87.03	55	eP	10	30.00	0.9
ORV	85.46	48	eP	59	02.40	-0.4		1.3s	62.00nm				5.3mb	GMW	87.14	41	P	10	30.00	0.6
MIN	85.63	48	eP	59	03.30	-0.5	TOO	31.13	209	eP	04	04.00	0.7	BAR	87.26	56	eP	10	30.00	-0.3
JAS1	85.77	50	eP	59	04.00	-0.4	MTN	31.95	263	eP	04	09.00	-1.6	PLM	87.28	55	eP	10	29.00	-1.5
PAS	86.46	54	eP	59	08.00	0.2		0.5s	12.00nm				5.0mb	WMO	87.67	315	P	10	30.50	-1.5
MWC	86.57	54	eP	59	08.00	-0.6	BFD	32.30	213	eP	04	15.00	1.5	GSC	87.82	54	eP	10	33.00	0.0
ISA	86.63	53	eP	59	08.00	-0.7		0.9s	46.00nm				5.4mb	TPC	88.12	55	eP	10	34.00	-0.4

23d 14h

YMT3	88.51	52	iP	10 36.00	-0.3
BMN	88.85	49	eP	10 38.10	0.2
	1.1s	15.58nm		5.2mb	
GLA	88.86	56	eP	10 39.00	1.1
GBA	89.01	284	Pc	10 40.90	2 1
	0.2s	2.30nm		5.2mb	
EUR	89.53	50	iP	10 41.00	-0.2
	1.0s	16.92nm		5.3mb	
PNT	89.70	40	eP	10 42.00	0.5
PRN	89.72	52	eP	10 42.00	-0 1
INK	90.50	19	eP	10 47.00	2.2
NEW	90.99	41	eP	10 47.50	0.0
DUG	92.06	50	P	10 54.00	1.2
MSU	92.19	51	P	10 52.00	-1.5
HPI	92.62	46	P	10 56.00	0.5
TMI	93.37	47	P	10 59.40	0.5
LRM	93.52	44	ePd	10 59.70	0.2
EDM	94.50	37	eP	11 03.00	-0.6
BDW	94.96	48	eP	11 05.50	-0.7
	1.0s	7.60nm		5.1mb	
SES	95.35	40	eP	11 07.00	-0.5
ALQ	96.04	56	eP	11 13.00	1.7
	1.0s	5.00nm		4.9mb	
Z	19s	3.82um		5.9Msz	
MBC	97.51	14	eP	11 17.50	0.7
LTX	97.54	62	eP	11 22.00	4.0X
GOL	97 60	51	eP	11 20.50	2.2
RSSD	99.14	47	eP	11 26.20	1.1
JCT	101.01	61	e(Pdif	11 36.00	2.3
MDZ	113.55	133	ePdiff	12 28.80	-0.6
KJF	118.66	340	ePKP	16 30.00	-1.2
	0 6s	13.00nm			
		i		16 37.00	
SUF	120.15	339	ePKP	16 39.00	4.9X
	0 7s	2.80nm			
NUR	122.13	338	ePKP	16 37.00	-0.9
	0.6s	13.00nm			
		i		16 43.30	
MTD	125.23	240	ePKP	16 45.00	-0.3
BUL	126.08	235	ePKP	16 48.00	1.0
NB2	126.12	344	PKP	16 40.80	-5 0X
	1.0s	8.40nm			
HFS	126.14	342	ePKP	16 45.70	-0.1
	0.8s	1.70nm			
Z	19s	4.18um		6.1Msz	
		LR		03 06.00	
SPC	131.36	329	ePKP	16 49.50	-6.8X
BRG	133.17	334	ePKP	17 08.40	9.0X
		e		19 34.00	
		e		20 30.00	
SRO	133.23	328	ePKP	17 15.50	15.9X
		e(PP)		20 30.60	
CLL	133.25	335	e(PKP)	17 08.00	8.5X
		e		20 21.00	
PRU	133.56	333	ePKP	17 09.00	8.8X
		e		20 32.30	
ZST	133.59	329	e(PKP)	17 08.80	8.5X
		e		20 32.50	
MOX	134.32	335	ePKP	17 17.00	15.4X
EKA	134 58	350	PKP	17 13.40	11.5X
	1 1s	8.00nm			
KMC	134 61	333	PKP	17 05.50	3.2X
		e		20 19.00	
WTS	135.03	340	ePKP	17 14.00	11.2X
	1.0s	14.00nm			
GRF	135.22	335	ePKP	17 07.80	4.4X
		e		17 15.40	
KBA	136.20	331	ePKP	17 05.00	-0.5
	0.7s	5.70nm			
		i		17 14.70	
ENN	136.36	340	ePKP	17 18.00	12.6X
MEM	136.47	339	PKP	17 12.90	7.3X
WLF	137.21	339	PKP	17 20.70	13.6X
GWF	137.23	337	ePKP	17 16.60	9.4X
DOU	137.38	340	PKPc	17 17.10	9.7X
BSF	138.48	337	ePKP	17 07.20	-2.5
HAU	138.51	337	ePKP	17 07.20	-2.4
LOR	140.05	339	ePKP	17 10.30	-2.1
SSF	140.35	339	ePKP	17 10.90	-2.0
LPG	140.38	334	ePKP	17 10.50	-2.9X
LPF	140.93	344	ePKP	17 11.00	-2.9X
MFF	141.97	342	ePKP	17 14.00	-1.8
EPF	144.97	339	ePKP	17 18.80	-2.3
	1.0s	6.00nm			
SOB1	148.33	128	ePKP	17 32.20	4.8X
TOL	149.26	341	ePKP	17 33.00	4.8X
		i		17 42.00	

ITR 150.48 131 e(PKP) 17 34.00 3.3X
S.D. = 1.2 on 122 of 157 obs.

JUN 23, 1985 14h 03m 53.04± 0.26s
10.964 S ± 5.6km 163.726 E ± 4.7km
DEPTH = 33.0km (normal)
5.5mb (16 obs.)
SOLOMON ISLANDS (193)

HNR	4.02	292	eP	04 56 00	2.1
			eS	05 45.00	
SVO	4.25	295	eP	04 57.00	-0.1
			eS	05 40.00	
PVC	8 07	147	iPc	05 48.50	-2.4
KOU	9.56	177	iPc	06 12 70	1.2
NOU	11.58	167	iPc	06 38.50	-0.6
CTA	19.11	240	iPc	08 16.40	0.3
	1.6s	253.33nm		5.2mb	
BRS	19.32	211	iPd	08 20.50	2.0
RMO	20.93	220	eP	08 36.00	0.5
CMS	26.29	216	eP	09 27.00	-0.5
	1.1s	50.00nm		5.0mb	
WB2	29.64	249	iPc	09 51.20	-6.8X
WRA	29.65	249	Pc	09 56.30	-1.8
	0.7s	31.90nm		5.2mb	
ADE	33.00	220	iPc	10 27.60	0.2
	1.2s	84.38nm		5.5mb	
MSZ	33.78	175	eP	10 40.00	6.1X
WBN	38.15	241	eP	11 11.00	-0.3
MBL	43.25	251	eP	11 52.00	-1.3
MEK	45.26	243	eP	12 09.00	-0.5
AFR	45.45	104	iP	12 11.40	0.4
	1.4s	160.00nm		5.7mb	
PAE	45.64	104	iP	12 13.30	0.7
	1.4s	195.00nm		5.8mb	
PPT	45.64	104	iP	12 13.30	0.7
	1.4s	160.00nm		5.7mb	
TVO	45.96	104	iP	12 16.10	1.0
	1.4s	250.00nm		6.0mb	
PMO	47.24	100	iP	12 25.40	0.2
	1.4s	215.00nm		6.0mb	
NAU	47.40	249	eP	12 26.00	-0.4
VAH	47.49	101	iP	12 27.00	-0.2
	1.4s	185 00nm		5.9mb	
TPT	47.51	100	iP	12 27.10	-0.3
	1.4s	125.00nm		5.7mb	
RUV	47.73	101	iP	12 28 80	-0.3
	1.4s	150.00nm		5.8mb	
MRWA	48.00	241	eP	12 30.00	-1.1
MAT	53.01	334	(P)	13 07.00	-2.0
	0.8s	8.96nm		4.8mb	
KMI	69.39	302	Pc	15 01.50	1.1
SPA	79.11	180	e(P)	15 57.30	1.6
TTA	79.93	17	eP	16 00.00	-0.1
IMA	82.97	16	eP	16 16.30	0.3
FBA	83.87	19	eP	16 19.40	-1.0
	1.0s	12.50nm		5.0mb	
SYP	85.10	54	eP	16 27 00	-0.4
MWC	86.54	54	eP	16 34.00	-0.6
ISA	86.60	53	eP	16 35.00	0.3
SBB	86.85	54	eP	16 37.00	1.1
RVR	87.02	55	eP	16 37.00	0.3
PLM	87.27	55	eP	16 41.00	2.8X
GSC	87.82	54	eP	16 36.00	-4.6X
TPC	88.12	55	eP	16 42.00	0.0
GLA	88.85	56	eP	16 46.00	0.4
EUR	89.52	50	iP	16 49.20	0.3
	1.0s	10.38nm		5.1mb	
LRM	93.51	44	eP	17 06.60	-0.5
EDM	94.49	37	eP	17 11.00	-0.2
YKA	95.81	28	eP	17 22.40	5.4X
ALQ	96.04	56	eP	17 19.00	0.1
	1.2s	3.91nm		4.7mb	
NB2	126.09	344	PKP	22 55.30	1.9
	0.9s	1.90nm			
LJU	136.31	329	ePKP	23 12.00	-1.2
			e	23 21.00	
			eSn	23 43.20	
TRI	136.93	329	ePKP	23 07.90	-6.4X
			i	23 39.60	
MLS	144.72	338	ePKP	23 27.50	-0.8
SOB1	148.35	128	ePKP	23 38.70	3.6X
			e	24 11.30	
TOL	149.22	341	ePKP	23 43.00	7.2X
S.D. = 1.0 on 44 of 52 obs					

% JUN 23, 1985 15h 49m 54 64± 0 86s
39.173 N ± 6.8km 27.605 E ± 8.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.82	199	iPg	50 10.60	0.1
			iSg	50 21.60	
DST	0.90	61	iPn	50 11.80	-0.2
EZN	1.19	304	ePn	50 16.60	-0.1
EDC	1 19	10	ePn	50 17.10	0 3
KGT	1 30	350	ePn	50 18.60	-0 1
S.D. = 0.3 on 5 of 5 obs					

& JUN 23, 1985 17h 41m 33.71s
62.489 N 148.895 W
DEPTH = 43.1km
CENTRAL ALASKA (1)
<AGS-P>.

MSE	0.65	183	iP	41 46.01	-0.8
			eS	41 55.70	
GHO	0.72	181	iP	41 46.91	-0.7
			eS	41 57.15	
SML	0.73	159	iP	41 47.09	-0.7
PME	0.87	184	iP	41 48.79	-0.8
PWA	0.96	209	eP	41 50.43	-0.5
SCM	0.99	131	iP	41 51.13	-0.3
			eS	42 06.04	
KNK	1.10	169	iP	41 52.36	-0.6
			eS	42 07.36	
PMS	1.29	194	eP	41 54.91	-0.7
			eS	42 11.75	
TOA	1.33	106	eP	41 57.41	1.2
SKT	1.34	249	eP	41 55.46	-0.8
			eS	42 14.67	
SUA	1.35	221	eP	41 55.89	-0.6
			eS	42 14.50	
CFI	1.42	157	iP	41 56.88	-0.4
PTE	1.63	182	iP	41 59.83	-0.6
			eS	42 20.39	
TTV	1.67	149	iP	42 01.29	0.3
			eS	42 23.34	
KLU	1.72	124	eP	42 01.73	-0.1
VZW	1.82	141	iP	42 02.48	-0.6
VLZ	1.83	137	iP	42 02.40	-0.7
GLI	1.83	151	iP	42 02.69	-0.5
CGLM	1.89	233	eP	42 03.44	-0.8
CRP	1.97	233	eP	42 04.89	-0.5
SPU	1.99	230	eP	42 04.80	-0.8
MPA	2.02	187	eP	42 05.26	-0.6
KMP	2.07	116	eP	42 06.64	-0.1
SLKM	2.09	198	eP	42 06.82	-0.1
FID	2.09	145	eP	42 06.16	-0.8
HIN	2.39	150	eP	42 10.24	-1.1
SEW	2.41	187	eP	42 11.68	0.2
FBA	2.47	11	eP	42 12.61	0.2
RDT	2.55	223	eP	42 12.15	-1.5
ILM	2.99	221	eP	42 18.44	-1.3
30 obs. associated					

& JUN 23, 1985 19h 31m 30.62s
62.226 N 154.802 W
DEPTH = 15.9km
CENTRAL ALASKA (1)
<AGS-P>. ML 3.7 (PMR).

TTA	0.90	322	eP	31 46.60	-0.9
SVW	1.19	200	eP	31 50.50	-1.9
SKT	1.56	98	eP	31 54.95	-2.8
CRP	1.58	126	eP	31 56.45	-1.8
			eS	32 17.77	
CGLM	1.62	124	eP	31 55.52	-3.1
SPU	1.68	127	eP	31 57.27	-2.2
			eS	32 19.83	
RDT	2.02	144	eP	32 02.82	-1.7
			eS	32 29.94	
SUA	2.07	110	eP	32 02.84	-2.4
ILM	2.27	154	eP	32 06.03	-1.9
NKA	2.27	129	eP	32 07.85	-0.1
PWA	2.40	102	eP	32 06.82	-3.0
PDB	2.46	173	eP	32 08.01	-2.7
PMS	2.68	109	eP	32 11.49	-2.4
PMR	2.76	101	eP	32 11.70	-3.2
MSE	2.78	95	eP	32 12.13	-3.2
PME	2.79	100	eP	32 14.18	-1.3
SLKM	2.80	126	eP	32 13.09	-2.5
GHO	2.81	97	eP	32 13.46	-2.3
SML	3.08	95	eP	32 17.02	-2.5

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PTE      3.09 114 eP     32 17.77  -1.7
KNK      3.12 102 eP     32 18.08  -2.0
MPA      3.15 121 eP     32 18.96  -1.5
SEW      3.36 127 eP     32 23.23  -0.1
CFI      3.51 104 eP     32 22.94  -2.6
SCM      3.54  93 eP     32 23.51  -2.7
IMA      3.89   7 eP     32 26.80  -4.3
GLI      3.93 107 eP     32 27.73  -3.8
TOA      4.05  88 eP     32 30.50  -2.8
VZW      4.11 103 eP     32 31.23  -2.8
FBA      4.13  46 eP     32 29.50  -4.8
VLZ      4.18 101 eP     32 31.48  -3.6
FID      4.26 107 eP     32 32.08  -4.1
KLU      4.27  96 eP     32 32.70  -3.8
KDC      4.64 165 eP     32 39.50  -2.1
KMP      4.68  94 eP     32 38.33  -4.0
DWY      7.20  69 P      33 12.60  -5.1
                Lg      35 09.60
INK     10.75  46 eP     34 02.00  -4.7
        37 obs. associoted

*  JUN 23, 1985  19h 34m 55.55± 0.54s
   53.122 N ±12.7km   35.058 W ± 6.1km
   DEPTH =  10.0km  (geophysicist)
   4.5mb ( 15 obs.)
 NORTH ATLANTIC OCEAN                (402)

EKA     18.69  70 P      39 18.00   2.3
        1.1s     14.40nm          4.1mb
FRB     20.24 315 eP     39 33.00  -0.2
MFF     23.26  92 eP     40 04.90   1.2
DAG     24.53   9 iPc    40 15.90   0.2
        0.6s     4.67nm          4.3mb
DOU     24.59  81 P      40 19.00   2.4
TCF     24.83  91 eP     40 17.40  -1.6
        1.3s    18.00nm          4.6mb
GRC     24.87  88 iPc    40 19.20  -0.1
BGF     25.08  90 eP     40 21.20  -0.2
        1.0s    18.00nm          4.7mb
MZF     25.09  91 eP     40 24.00   2.5X
        1.3s    13.30nm          4.5mb
ENN     25.13  79 eP     40 22.00   0.3
        1.0s     6.00nm          4.2mb
WTS     25.22  76 eP     40 25.00   2.4
        0.9s     5.00nm          4.2mb
SSF     25.24  88 eP     40 23.40   0.6
AVF     25.28  89 eP     40 22.40  -0.8
LOR     25.35  88 eP     40 23.00  -0.9
WLF     25.69  81 P      40 13.80 -13.2X
BSF     26.86  84 eP     40 36.20  -1.8
CLL     29.07  74 iPc    40 58.10   0.3
BRG     29.79  74 eP     41 03.40  -0.9
KHC     30.31  78 P      41 08.00  -1.0
NUR     32.45  53 iP     41 27.00  -0.5
        0.7s    13.30nm          5.0mb
SUF     32 65  48 eP     41 29.00  -0.3
KJF     33.05  46 eP     41 30.00  -2.7
        1.0s    20.00nm          5.0mb
MBC     37.90 337 eP     42 14.50   0.7
        1.0s    12.00nm          4.6mb
FFC     38.09 300 eP     42 15.50  -0.2
        1.0s     7.00nm          4.4mb
INK     44.95 329 eP     43 11.00  -0.8
BDW     48.82 289 eP     43 44.00   1.2
        1.1s     2.82nm          4.2mb
JCT     51.34 271 eP     44 02.50   0.5
        1.0s     6.00nm          4.5mb
ALO     52.20 280 eP     44 08.00  -0.7
        1.2s     7.81nm          4.5mb
IMA     52.35 333 eP     44 09.00  -0.4
PMR     54.32 327 eP     44 25.00   1.3
        1.0s     7.50nm          4.7mb
LTX     54.49 273 eP     44 21.00  -4.5X
SOB1    62.28 187 eP     45 19.90  -0.1
MDG    132.27 359 ePKP   54 10.50  -0.9
LAT    133.64 357 iPdiff51 18.00   6.0X
LMG    135.84 355 ePdiff51 07.90 -14.0X
WRA    145.88  18 PKPd   54 36.40   0.4
        0.8s    12.10nm
WB2    145.88  18 ePKP   54 36.20   0.2
     S.D. = 1.2  on  32 of  37 obs.

*  JUN 23, 1985  19h 48m 44.28± 2.18s
   29 173 S ±12.9km   71.738 W ±19.7km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE         (135)

RTCB     3.43 133 ePd    49 37.80   1.0
                  S      50 22.50
ZON      3.55 133 eP     49 44.00   5.6X
RTLL     3.55 128 e(P)   49 37.30  -1.2
                  S      50 23 00
JACH     3.63 165 iP     49 41.00   1.3
                  i      49 48.90
                  iS     50 25.00
ROCH     3 84 171 eP     49 42.80   0 1
RTCV     3 85 135 ePd    49 44.00   1 4
                  S      50 31.00
CFA      3.88 130 ePc    49 42.10  -1.0
                  S      50 28.00
PEL      4.06 167 iP     49 46.00   0.3
                  i      49 54.10
                  i      50 06.10
                  i      50 13.00
                  i(S)   50 34.50
BACH     4.30 166 iPd    49 49.80   0.7
MDZ      4.45 147 iPd    50 09.50  18.2X
                  iS     51 03.80
PCH      4.56 167 eP     49 53.50   0.7
LNV      4.78 177 eP     49 54.50  -1.2
                  i      50 06.60
                  i      50 17.40
CHCH     4.84 169 eP     49 56.00  -0.7
RFA      6.23 154 e(P)   50 15.00  -1.5
TCA      6.55 111 ePd    50 15.20  -5.7X
                  S      51 24.90
SLA      7.11  53 eP     50 29.00   0.1
VBA     12.02 140 eP     51 32.50  -3.7X
      S.D. = 1.1  on  13 of  17 obs.

*  JUN 23, 1985  19h 49m 24.02± 0.72s
    6.326 S ±13.9km  154.937 E ± 8.8km
    DEPTH =  71.7 ±  7.0 km
    4 8mb (  4 obs.)
 SOLOMON ISLANDS                     (193)
      Felt (III) at Panguno,
      Bougainville.

PAA      0.55  87 iPc    49 37.80   0.1
                  eS     49 45.00
BIAL     3.99 284 e(P)   50 24.00  -0.1
PMG      8.30 248 eP     51 24.00   0.0
WBN     33.47 231 eP     55 58.00  -0.5
KLG     39.71 228 eP     56 51.00  -0.2
MEK     40.08 236 eP     56 55.00   0.7
PKI     75.04 301 eP     00 59.90  -0.6
        0.4s     4.00nm          4.7mb
KKN     75.20 301 eP     01 01.00  -0.3
        0 6s     9.00nm          4.9mb
DMN     75.30 301 eP     01 02.00   0.0
        0.5s    12.00nm          5.1mb
GBA     79.42 285 P      01 26.00   1.5
        0.2s     1.70nm          4.6mb
MTD    119.48 247 ePKP   08 08.00  -0.1
BUL    121.05 242 ePKP   08 10.70  -0.4
     S.D. = 0.7  on  12 of  12 obs.

   JUN 23, 1985  19h 49m 54.48± 0.83s
   10.937 S ± 4.1km  163.760 E ± 3.4km
   DEPTH =  32.1 ±  5.9 km
   5.7mb ( 34 obs.)  6.0Msz ( 26 obs.)
 SOLOMON ISLANDS                     (193)
      Ms 6.0 (BRK), 5.9 (PAS).
      CENTROID, MOMENT TENSOR        (HRV)
      Data Used: GDSN
      L.P.B.: 17S, 40C
      Centraid Location:
      Origin Time        19:50: 3.0 0.2
      Lat 10.71S 0.02 Lon 163.91E 0.02
      Dep  12.6 2.2 Half-durotion  5.9
      Moment Tensar; Scale 10**25 D-CM
        Mrr= 0.89 0.05  Mtt=-2.74 0.07
        Mff= 1.85 0.07  Mrt= 1.03 0.25
        Mrf=-2.55 0.62  Mtf= 2.09 0.04
       Principot Axes:
        T  Val=  4.11  Plg=36  Azm=101
        N        0.20      46      323
        P       -4.31      22      208
      Best Double Couple:Mo=4.2*10**25
       NP1:Strike=249 Dip=47 Slip=  11
       NP2:        152    82      137

HNR      4.04 291 eP     50 57.00   1.3
                  eS     51 53.00

PVC      8.07 147 iPd    51 51.80  -0.7
KOU      9.58 177 iPc    52 12.70  -0 6
                  iS     53 57.70
NOU     11.60 168 iPc    52 39.50  -1.4
                  iS     54 45.00
RAB     13.30 299 iP+    53 06.00   2.4
BIAL    13.76 293 eP     53 08.00  -1.8
NDF     14.89 119 eP     53 24.30  -0.2
SGE     15.23 117 eP     53 29.00  -0.1
LAT     17.10 283 eP     53 56.00   3 2X
CTA     19.15 240 iPd-   54 18.50   0.4
        0.8s   108.58nm          5.1mb
                  iS     57 47.00
BRS     19.36 211 iPc    54 21.00   0.5
                  e      02 38.00
RMQ     20.97 220 iPd    54 38.80   1.3
        1.0s  1190.00nm          6.2mb X
WEW     21.26 289 eP     54 42.00   1.5
COO     22.44 208 eP     54 54.00   1.8
        1.0s   192.00nm          5.5mb
AFI     24.07 100 P      55 08.00  -0.2
RIV     25.54 205 eP     55 23.00   1.0
                  eS     59 51.00
KRP     28.88 160 eP     55 57.00   4.6X
STK     29.21 221 eP     55 55.00  -0 5
WB2     29.68 249 iPd    55 58.00  -1.9
                  eS     00 52.70
WRA     29.70 249 Pc     55 58.60  -1.4
        0.5s    35.60nm          5.4mb
GUA     30.67 322 e(P)   56 14.00   5.3X
                  eS     01 15.50
GUMO    30.74 322 e(P)   56 16.50   7.3X
ASPA    31.11 242 eP     56 10.00  -2.5
                  eS     01 15.00
TOO     31.19 209 eP     56 13.00   0.0
MTN     31.97 263 eP     56 20.00  -0.1
BFD     32.36 213 eP     56 23.00  -0.3
        0.8s    36.00nm          5.3mb
ADE     33.05 220 iPd    56 29.40   0.1
        1.1s   189.87nm          5.9mb
MSZ     33.80 175 eP     56 37.00   1.4
KNA     34.36 258 iPd    56 39.10  -1.7
TAU     34.92 201 iPc    56 46.80   1.5
                  eS     02 24.00
WBN     38.19 241 eP     57 12.00  -1.2
        0.5s    41.00nm          5.5mb
DAV     42.01 294 eP     57 43.80  -1.0
                  eS     04 10.00
MBL     43.29 251 iPd    57 54.20  -1.0
MEK     45.30 243 iPc    58 10.90  -0.5
AFR     45.42 104 iP     58 13.00   0.6
        1.6s   665.00nm          6.3mb
PAE     45.61 104 iP     58 14.60   0.7
        1.6s   475.00nm          6.2mb
PPT     45.62 104 iP     58 14.60   0.6
        1.6s   545.00nm          6.2mb
PPN     45.75 104 iP     58 16.10   1.1
        1.6s   395.00nm          6.1mb
TVO     45.93 104 iP     58 17.40   0.9
        1.6s   835.00nm          6.4mb
TBI     46.18 112 eP     58 18.00  -0.3
        1.1s   140.00nm          5.8mb
KLB     47.12 237 eP     58 24.00  -1.7
PMO     47.21 100 iP     58 28.00   1.4
        1.6s   760.00nm          6.5mb
NAU     47.44 249 eP     58 27.00  -1.3
VAH     47.47 101 iP     58 29.60   1.0
        1.6s   760.00nm          6.5mb
TPT     47.48 100 iP     58 29.70   1.0
        1.6s   405.00nm          6.2mb
RUV     47.70 101 iP     58 31.50   1.0
        1.6s   475.00nm          6.3mb
BAL     47.75 238 eP     58 32.00   1.3
NWAO    47.91 235 eP     58 28.00  -3.9X
MRWA    48.04 241 eP     58 31.00  -2.0
MUN     48.50 237 eP     58 37.00   0.5
MAN     49.36 300 eP     58 45.00   1.8
KKM     50.24 287 ePc    58 49.90  -0.3
BAG     50.62 302 eP     58 52.00  -1.1
                  eS     06 08.00
KYS     51.04 335 eP     59 00.50   4.8X
OYM     51.61 334 eP     59 00.80   0.7
SRY     51.75 335 eP     59 03.30   2.1
TSK     51.93 336 eP     59 01.80  -0.7
DDR     52.12 335 eP     59 07.10   3.0X
MAT     53.00 334 (P)    59 08.00  -2.5
        1.5s   216.67nm          5.9mb
```

23d 19h

Z 20s 9.93um 5.9Msz
eS 06 39.00
SHK 53.98 328 eP 59 17.20 -0.5
OZH 56.67 310 eP 59 39.60 2.2
DRV 57.93 191 eP 59 46.00 0.3
eS 07 47.50
eSSS 14 17.50
SSE 58.43 317 eP 59 50.50 0.8
1.0s 66.00nm 5.7mb
Z 30s 14.10um 5.9MszX
N 23s 9.60um
E 25s 20.80um
S 07 53.00
sS 08 08.00
ScS 09 36.00
i 14 28.00
NJ2 60.59 317 Pc 00 07.00 2.5
S 08 23.00
OIZ 60.92 299 eP 00 07.60 0.6
KGM 61.47 278 ePc 00 09.00 -1.9
MDJ 63.36 333 eP 00 24.00 1.1
S 08 58.00
SS 13 04.00
PPI 63.78 275 e(P) 00 24.00 -2.3
SMY 64.03 7 P 00 27.00 -0.1
Z 20s 6.00um 5.8Msz
SNY 64.18 328 eP 00 31.20 2.9X
S 09 04.00
TIA 64.25 319 eP 00 28.00 -0.9
S 09 08.00
SS 13 15.00
IPM 64.31 280 ePc 00 32.10 2.4
e 00 40.10
CN2 64.66 330 eP 00 30.00 -1.4
pP 00 37.00 22kmX
PP 02 58.00
ePPP 04 35.00
S 09 13.00
sS 09 25.50
PS 09 35.00
ADK 64.81 13 eP 00 31.00 -1.2
PSI 65.90 278 eP 00 43.00 3.1X
GYA 66.75 305 P 00 47.40 2.1
SBA 66.92 179 eP 00 48.10 2.7X
1.0s 18.00nm 5.1mb
Z 22s 6.52um 5.8Msz
BJI 67.18 322 eP 00 48.00 0.4
Z 20s 8.10um 5.9Msz
N 20s 8.20um
E 18s 2.20um
eS 09 45.00
eSKS 10 43.00
eSSS 17 26.00
LOE 67.44 294 eP 00 47.00 -2.6
TIY 68.17 318 eP 00 55.90 1.9
XAN 68.62 313 eP 00 56.80 0.0
KMI 69.41 302 iPc+ 01 09.00 6.9X
5.0s 2.10nm 3.5mb X
sP 01 50.00
S 10 15.00
CHG 70.40 295 iPc 01 08.00 0.0
1.0s 15.00nm 5.0mb
HHC 70.50 321 P 01 10.00 1.7
S 10 21.00
CD2 70.99 308 P 01 11.70 0.3
eS 10 27.00
BTO 71.33 320 eP 01 15.00 1.7
S 10 33.00
KDC 77.21 22 eP 01 45.70 -1.0
GTA 77.59 315 P 01 49.90 0.5
PP 04 54.60
iS 11 47.30
SPA 79.14 180 e(P) 01 48.30 -9.2X
TTA 79.90 17 P 02 01.40 -0.1
1.2s 90.91nm 5.7mb
LSA 80.65 303 eP 02 08.60 1.9
eS 12 11.00
PMR 81.13 21 eP 02 06.70 -1.2
1.0s 35.00nm 5.3mb
Z 20s 8.00um 6.1Msz
IMA 82.94 16 eP 02 17.20 -0.2
PNL 83.67 25 eP 02 20.00 -1.1
FBA 83.84 19 eP 02 20.10 -1.7
1.0s 62.50nm 5.7mb
MAW 84.09 202 eP 02 25.00 1.9
PCC 84.09 50 eP 02 23.30 -0.4
GCC 84.24 51 eP 02 24.50 0.1
BRK 84.30 50 eP 02 24.60 -0.1
BKS 84.32 50 iPc 02 24.80 0.0
1.0s 48.00nm 5.6mb
Z 20s 9.00um 6.2Msz
N 20s 3.60um
E 20s 6.00um
iS 12 54 00
ePPS 14 12 00
eSS 18 32 00
eLQ 24 24 00
eLR 28 20.00
PRS 84.50 52 eP 02 26 00 0.2
GAS 84.54 48 P 02 26 00 0.0
MHC 84.60 51 eP 02 26.60 0.2
ARN 84.69 51 P 02 27.20 0.5
SLD 84.84 51 P 02 28.00 0.5
PKI 84.88 299 eP 02 28.40 0.1
LLA 84.92 51 eP 02 28.10 0.2
WDC 84.96 47 eP 02 28.10 0.1
PRI 84.99 52 eP 02 28.90 0.6
KKN 85.05 299 eP 02 29.40 0.4
SYP 85.05 54 eP 02 29.00 0.3
DMN 85.15 299 eP 02 30.40 0.9
ORV 85.40 48 ePc 02 29.80 -0.4
MIN 85.56 48 eP 02 29.50 -1.7
JAS1 85.71 50 iPc 02 31.80 0.0
e 05 57.30
e 08 32.60
FRI 85.97 51 eP 02 32 80 -0.3
BRW 86.22 12 eP 02 33.80 0.3
PAS 86.38 54 eP 02 34.00 -1.2
Z 20s 6.50um 6.0Msz
ePP 05 48.00
eSKS 12 06.00
ePS 14 10.00
eSS 18 02.00
eLg 26 00.00
eLR 28 24.00
BFW 86.45 41 P 02 35.60 0.3
MWC 86.50 54 eP 02 36.00 0.0
ISA 86.56 53 eP 02 35.00 -1.1
SBB 86 80 54 eP 02 37.00 -0.3
SLBC 86.81 56 eP 02 38.10 0.9
RVR 86.98 55 eP 02 38.00 -0.1
PGC 87.04 39 eP 02 39.00 1.0
GMW 87.09 41 P 02 38.30 0.0
BAR 87.21 56 eP 02 39.00 -0.3
PLM 87.23 55 eP 02 39.00 -0.5
MNA 87.56 50 eP 02 40.90 -0.1
WMQ 87.64 315 P 02 45.00 3.8X
PP 06 09.00
S 13 18 00
GSC 87.77 54 eP 02 42.00 0.0
TPC 88.07 55 eP 02 43.00 -0.4
KOD 88 33 281 eP 02 40.70 -4 6X
HYB 88.72 288 eP 02 56.00 9.2X
BMN 88.79 49 iP 02 47.20 0.3
2.0s 160.71nm 6.0mb
GLA 88.81 56 eP 02 47.00 0.1
GBA 89.02 284 Pc 02 50.60 2.5X
0.2s 2.20nm 5.1mb
EUR 89.48 50 iP 02 50 00 -0.2
0.5s 27.66nm 5.8mb
PNT 89.65 40 eP 02 50.00 -0.5
1.8s 212.00nm 6.1mb
INK 90.44 19 eP 02 53.00 -0.7
NEW 90.94 41 P 02 55.80 -0.7
1.1s 37.50nm 5.7mb
Z 22s 4.43um 5.9Msz
DUG 92.01 50 P 03 02.00 0.2
NDI 92.18 299 eP 03 08.00 5.4X
eS 13 36.00
TMI 93 32 47 P 03 08.50 0.7
LRM 93.46 44 ePc 03 08.30 -0.2
EDM 94.45 37 iPd 03 12.80 0.3
BDW 94.91 48 eP 03 14.00 -1.2
1.0s 19.60nm 5.5mb
SES 95.29 40 ePc 03 15.80 -0.7
YKA 95.77 27 eP 03 21.10 2.7X
RSNT 95.78 28 P 03 15.40 -3.0
YKC 95.83 28 eP 03 17.00 -1.6
1.2s 29.00nm 5.6mb
ALQ 95.99 56 eP 03 19 00 -1.3
1.0s 8.25nm 5.1mb
Z 20s 5 32um 6.0Msz
MBC 97.45 14 eP 03 25.50 -0.2
GOL 97.55 51 eP 03 27 00 -0.3
1.0s 4.00nm 4.9mb
Z 20s 17.00um 6.5Msz
GLD 97.67 51 eP 03 30.00 2.3
Z 18s 19.78um 6.6Msz
RSSD 99.09 47 eP 03 34.10 0.0
1.5s 13.36nm 5.2mb
JCT 100.96 61 e(Pdif03 41.00 -1.7
Z 20s 11.70um 6 4Msz
OUE 101.25 299 ePdiff03 45.00 0.8
eS 14 32.00
BHO 105.43 57 e(PKP)08 11.50 -4.7X
RSON 106.32 40 e(PKP)08 11.00 -6.4X
Z 20s 2.82um 5.8Msz
MHI 107.85 305 ePKP 08 21.00 0.1
eS 18 08.00
DAG 114.17 1 ePKP 08 29.00 -2.6
i 19 07.00
SOD 116.89 343 ePKP 08 37.00 0.0
KJF 118.61 340 ePKP 08 41.00 0.7
0.8s 13.20nm
Z 20s 3.90um 6.0Msz
ePP 10 00.00
eS 17 44.00
eSS 26 24.00
eSSS 29 48.00
RSNY 120.06 45 e(PKP)08 41.00 -2.8X
Z 20s 7.06um 6.3Msz
SUF 120.10 339 ePKP 08 43.00 -0.2
LPB 121.90 117 ePKP 08 50.00 1.4
Z 20s 7.45um 6.3Msz
PP 10 24.00
LR 47 54.00
ZOBO 121.99 117 ePKPc 08 48.50 -0.4
NUR 122.08 338 iPKP 08 48.00 1.0
0.7s 12.00nm
Z 24s 4.30um 6.0MszX
ePP 10 20.00
eS 18 20.00
eSS 27 10.00
UPP 125.05 340 iPKP 08 50.80 -2.0
MTD 125.28 240 ePKP 09 01.00 6.3X
NAI 125.88 260 ePKP 08 43.00 -13.2X
NB2 126.07 344 PKP 08 53.70 -1.2
0.7s 4.30nm
HFS 126.10 342 ePKP 08 52.90 -2.0
1.0s 7.60nm
Z 19s 3.22um 6.0Msz
LR 54 20.00
BUL 126.13 235 ePKP 08 55.30 -1.1
SDV 126.44 87 ePKP 08 57.10 -0.1
KRI 126.93 239 ePKP 09 04.00 6.0X
LSZ 128.87 240 iPKP 09 10.40 8.8X
MLR 130.23 322 ePKP 09 05.00 1.6
CMP 130.89 322 ePKPd 09 11.00 6.4X
SJG 131.28 76 ePKP 09 03.00 -3.0X
0.9s 12.60nm
Z 20s 4.96um 6.2Msz
SPC 131.32 329 ePKP 09 10.00 4.6X
e 11 28.10
IZM 132.56 313 ePKP 09 13.00 5.1X
BRG 133.13 334 ePKP 09 13.50 4.9X
Z 20s 3.00um 6.0Msz
N 20s 2.50um
E 20s 3.50um
e 11 38.80
e 12 16.50
eSKP 12 42.50
e 29 08.00
SRO 133.19 328 ePKP 09 15.40 6.7X
N 21s 3.90um
e 11 42.90
e 29 18.00
CLL 133.20 335 ePKP 09 14.00 5.3X
Z 17s 2.00um 5.9MszX
ePKS 12 43.00
PRU 133.52 333 ePKP 09 13.00 3.7X
Z 21s 4.70um 6.2Msz
N 22s 2.80um
E 19s 1.70um
SS 29 27.00
ZST 133.55 330 ePKP 09 17.30 7.9X
VKA 133.89 330 (PKP) 09 17.00 6.9X
3.7s 248.50nm
Z 20s 0.80um 5.4Msz
ePP 11 45.00
MOX 134.28 335 ePKP 09 12.00 1.2
Z 19s 2.80um 6.0Msz

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      N  20s      3.10um
                  ePP     11 45.00
                  e       12 15.00
                  eSKSP   21 30.00
                  eSS     29 20.00
WIT   134.34 341 ePKP     09 12.00    1.3
EKA   134.53 350 PKPd     09 14.70    3.6X
        1.1s      8.70nm
KHC   134.57 333 PKP      09 10.20   -1.2
      Z  22s      2.50um              5.9Msz
      N  22s      1.50um
      E  22s      1.50um
                  e       11 53.70
                  SS      29 45.00
WTS   134.98 340 ePKP     09 11.00   -1.0
        1.0s     13.00nm
                  ePP     11 52.00
GRF   135.17 335 ePKP     09 12.00   -0.5
      Z  20s      3.00um              6.0Msz
                  e       11 51.00
DBN   135.42 341 ePKP     09 17.00    4.2X
      Z  20s      1.30um              5.7Msz
                  ePP     11 53.00
                  eSS     29 46.00
                  eSSS    34 55.00
KBA   136.16 331 (PKP)    09 14.40   -0.3
        1.2s     12.50nm
                  i       09 22.80
                  e       11 55.00
                  i       12 01.50
LJU   136.30 329 ePKP     09 15.50    0.7
                  e       09 58.50
                  e       11 57.50
ENN   136.32 340 ePKP     09 18.00    3.4X
        1.0s      8.00nm
                  ePP     09 52.00
MEM   136 42 340 PKP      09 16.00    1.2
                  e       12 02.20
VOY   136.63 329 ePKP     09 15.80    0.3
UCC   136.81 341 PKP      09 19.00    3.5X
                  PP      12 06.00
TRI   136.92 329 ePKP     09 10.00   -5.9X
                  ePP     11 54.00
                  eSKP    12 36.00
                  e       25 40.00
                  iSS     30 02.00
                  iSSS    35 14.00
WLF   137.16 339 PKP      09 15.70   -0.5
                  e       12 08.40
RDJ   137.23 142 ePKP     09 10.00   -7.2X
DOU   137.34 340 PKPc     09 18.70    2.1
      Z  19s      2.50um              6.0Msz
                  e       12 13.00
                  SS      30 03.00
BSF   138.44 337 ePKP     09 20.30    1.4
        1.5s     38 60nm
ROF   138 52 336 ePKP     09 22.60    3.7X
VAL   138.82 354 PKP      09 15.00   -4.2X
                  PP      12 08.00
BAO   138.95 129 e(PKP)   09 29.60    8.9X
LOR   140.01 339 ePKP     09 22.20    0.6
        1.2s     11.90nm
GRC   140.26 339 iPKPd    09 25.10    3.1X
LPG   140.34 335 ePKP     09 22.40   -0.2
        1.0s      7.60nm
BGF   140.97 339 ePKP     09 24.40    1.1
        1.2s     34.30nm
MZF   141.36 339 ePKP     09 23.20   -0.9
        1.4s     24.20nm
TCF   141.43 339 ePKP     09 23.30   -0.9
        1.2s     24.70nm
ATB   141.50 110 e(PKP)   09 10.70  -14.5X
CAF   142.66 338 ePKP     09 23.60   -2.8X
        1.6s     39.80nm
MLS   144.71 338 iPKPc    09 28.60   -1.3
EPF   144.92 339 ePKP     09 29.80   -0.5
        1.2s     62.40nm
EBR   146.77 336 ePKP     09 35.00    1.7
SOB1  148.35 128 ePKP     09 38.40    1.7
TOL   149.21 341 ePKP     09 42.00    4.7X
                  ePKKP   09 50.50
                  iSS     32 20.00
                  iSSS    37 40.00
ALI   149.27 335 iPKP-    09 46.00    8.6X
ITR   150.50 131 ePKP     09 44.00    4.0X
ALM   151.36 337 ePKP     09 31.40   -9.2X
                  e       10 42.40
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CRT   151.49 339 iPKP   09 47.00    6.1X
      S.D. = 1.2  on 175 of 227 obs.

* JUN 23, 1985  20h 11m 50.23± 0.60s
    21.294 S ±11.2km  179.406 W ±13.0km
    DEPTH = 630.9 ±  7.0 km
    4.5mb (  5 obs.)
 FIJI ISLANDS REGION                (181)

SVA     3.75 327 iPd    13 16.00   -0 6
NMS     3.93 324 iP     13 18.70    0.8
NGA     3.94 321 iP     13 18.80    0.9
KRO     4.12 344 iP     13 17.70   -1.4
SGE     4.46 325 iPc    13 22.20    0 6
MSZ    25.56 201 P      16 33.00   -0.7
CTA    32.11 266 iPd    17 30.70    0.8
       0.4s     20.34nm            5.1mb
ASPA   43.06 258 eP     18 59.00    0.3
WB2    43.18 263 iPd    18 59.20   -0.4
WRA    43.19 263 Pc     18 59.50   -0.2
       0.3s      4 10nm            4.4mb
MTN    47.87 272 eP     19 35.00   -0.3
DRV    52.17 199 iP     20 05.20   -0.8
MBL    56.31 258 eP     20 35.00   -0.5
SBA    57.00 183 eP     20 40.10    0.7
       0.9s     18.49nm            4.3mb
NAU    59.95 256 eP     21 00.00    0.1
SPA    68.84 180 iPc    21 55.10    0.2
       0.9s     24.09nm            4.7mb
MAT    70.08 325 iPd    22 01.60   -0.8
       0.9s     12.60nm            4.4mb
QUE   120.30 293 ePKP   29 33.40    0.2
BUL   130.54 216 iPKPd  29 52.90   -0.1
MTD   131.47 221 ePKP   29 56.00    1.2
KRI   132.62 219 iPKPd  29 57.00   -0.1
NB2   139.60 352 PKP    30 00.60   -8.0X
       0.9s      1.10nm
HFS   140.10 350 ePKP   30 01.00   -8.5X
       0.5s      2.10nm
      S.D. = 0.7  on 21 of 23 obs.

? JUN 23, 1985  21h 16m 00.68± 0.92s
    9.622 N ±12.4km   41.006 W ±32.8km
    DEPTH =  10.0km  (geophysicist)
    4.4mb (  2 obs.)
 CENTRAL MID-ATLANTIC RIDGE         (406)

ITR    18.44 172 eP     20 19.60    1.4
SOB1   18.71 180 eP     20 20.60   -0.9
ZOBO   37.18 226 ePc    23 18.20    3.6X
LPB    37.33 226 P      23 15.00   -0.8
NB2    63.95  25 P      26 35.40   -0.8
       0.9s      1.50nm            4.2mb
HFS    64.60  27 eP     26 39.50   -0.8
       0 8s      3 50nm            4 6mb
MBC    77.94 346 eP     28 02.00    1.9
INK    82.06 338 eP     28 30.00    7.8X
      S.D. = 1.6  on  6 of  8 obs.

* JUN 23, 1985  22h 21m 48.82± 3.06s
    8.939 S ±13.7km  124.233 E ±14.1km
    DEPTH = 117.2 ± 37.2 km
    4.4mb (  2 obs.)
 TIMOR                              (289)

MTN     7 81 120 iPc    23 42.20    1.0
                 eS     25 04.00
KNA     8.09 147 iPc    23 44.50   -0.6
       0.3s     30.00nm            5.4mb X
                 eS     25 09.00
MBL    12.87 199 eP     24 48.00   -0.6
                 eS     27 02.00
WRA    14.67 139 Pd     25 10.80   -1.0
       0.6s     11.20nm            4.3mb
WB2    14.68 139 eP     25 10.70   -1.2
                 i      25 18.70
                 iS     27 44.30
NAU    15.92 211 eP     25 28.00    0.6
                 eS     28 11.00
WBN    17.25 173 eP     25 46.00    2 0
                 eS     28 48.00
ASPA   17.32 149 iPc    25 40.60   -4.3X
                 eS     28 43.00
MEK    18.39 196 eP     25 57.00   -0.5
                 eS     29 12 00
MRWA   21.61 200 eP     26 31.00    0.4
                 eS     30 24.00
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CTA    23.99 120 iPc    27 00 20    6 3X
MAT    47.11  15 eP     30 12 00    1 1
       0.9s      9.24nm             4.5mb
PKI    52.25 315 eP     30 49.90   -0.8
       0.5s     31.00nm             5.5mb X
KKN    52.47 315 eP     30 51.90   -0.3
       0.7s     25.00nm             5.3mb X
DMN    52.48 315 eP     30 52.10   -0.2
       0.6s     18 00nm             5.2mb X
      S.D. = 1.1  on 13 of 15 obs

* JUN 23, 1985  23h 03m 05.93± 0.50s
    9.496 N ± 8.3km   40.602 W ±14.9km
    DEPTH =  10.0km  (geophysicist)
    5.0mb (  5 obs.)
 CENTRAL MID-ATLANTIC RIDGE         (406)

ATB    17.19 223 Pc     07 12.10    4.3X
ITR    18.27 173 eP     07 22.50    1.2
                 e      07 34.10
                 e      07 36.90
SOB1   18.58 181 eP     07 22.90   -2.3
                 e      07 27.00
BAO    26.02 196 e(P)   08 41.00   -0.2
ZOBO   37.38 227 ePd    10 23.70    2.1
LPB    37.54 227 eP     10 23.00    0.3
TPZ    41.34 222 iPc    10 40.50  -13.7X
RLO    55.89 307 eP     12 46.30   -0.1
TUL    56.44 307 eP     12 45.70   -4.6X
       1.4s     16.10nm             4.9mb
KHC    59.81  38 P      13 13.80    0.0
ZST    61.68  40 eP     13 26.20   -0.3
SRO    62.33  41 eP     13 31.40    0.6
NB2    63.90  25 P      13 41.20    0.2
       1.2s     11.70nm             4.9mb
HFS    64.53  27 eP     13 45.10    0 0
       1.2s     24.80nm             5.3mb
ALO    64.85 304 e(P)   13 46.00   -1.9
       1.2s      3.91nm             4.5mb
FFC    65.94 326 eP     13 53.50   -0.8
       1.5s     20.00nm             5.1mb
DAG    68.26   5 eP     14 08.00   -0.6
MBC    78.16 346 eP     15 07.50    0.9
INK    82.32 338 eP     15 30.00    1.1
MHI    92.47  53 eP     16 22.00    3.1X
      S.D. = 1.2  on 16 of 20 obs.

   JUN 24, 1985  00h 42m 31.83± 0.28s
   33.908 N ± 5.0km  104.380 E ± 3.9km
   DEPTH =  33.0km  (normal)
   5.0mb ( 15 obs.)  4.3Msz (  1 obs.)
 GANSU PROVINCE, CHINA              (322)

LZH     2.22 349 Pn     43 08.00    0.8
                 Pg     43 10.50
                 Sg     43 39.50
CD2     3.04 190 iPnc   43 22.00    3.3X
                 Pg     43 29.00
                 Sn     44 11.00
XAN     3.78  87 Pn     43 29.00   -0.2
                 Pg     43 38.50
                 Sn     44 13.80
                 Sg     44 27.00
GTA     6.60 328 Pn     44 06.80   -2.4
                 Pg     44 29.80
                 Sn     45 26.50
                 Sg     46 01.00
TIY     7.56  58 Pn     44 22.40   -0.2
                 Pg     44 43.20
                 Sn     46 03.40
                 Sg     46 21.10
GYA     7.68 164 iPd    44 25.00    0.7
                 S      45 56.00
BTO     8.05  32 eP     44 31.40    2.0X
KMI     8.87 190 Pc     44 41.00    0.1
                 sP     44 47.50
                 S      47 16.00
HHC     8.98  37 Pc     44 41.60   -0.7
WHN     9.09 109 P      44 41.50   -2.2
                 S      46 25.00
TIA    10.70  74 eP     45 06.20    0.4
BJI    11.24  54 eP     45 10.00   -3.2X
                 e      45 57.00
                 eLg    48 18.00
SSE    14.46  97 e(P)   46 10.00   14.0X
      N  14s      5.10um
      E  14s      1.60um
```

24d 00h

		Lg	50 04.50		
OIZ	15.60	160 P	46 20.20	9.3X	
SNY	17.07	57 eP	46 31.10	1 6	
PPI	17.48	254 eP	46 34 60	-0.4	
	0.6s	8.00nm		4.0mb	
KKN	17.49	255 eP	46 33.80	-1.2	
	0.8s	8.00nm		3.9mb X	
DMN	17.70	254 eP	46 36.40	-1.3	
CN2	19 11	53 Pc	46 54.80	0 3	
		Lg	52 28.50		
		e	53 05.00		
MDJ	22.17	54 eP	47 26.00	-0.4	
SHK	23.38	80 eP	47 44.00	5.6X	
KSH	23.39	292 eP	47 40.00	1.4	
NDI	23.75	265 iPd	47 43.60	1.5	
QUE	31.83	274 eP	48 57.00	1.0	
		e(S)	01 14.00		
MHI	36.55	287 eP	49 38.00	1.6	
KEV	54.28	335 iP	51 56.20	-0.3	
	0.6s	15.60nm		5.2mb	
KJF	54.32	328 eP	51 56.00	-0.9	
	0.8s	19.10nm		5.2mb	
SOD	54.53	332 eP	52 00.00	1.6	
SUF	55.18	327 eP	52 02.00	-1.2	
	0 5s	12.90nm		5.2mb	
NUR	56.23	324 iP	52 10.20	-0.6	
	0.7s	31.90nm		5.5mb	
UPP	59.79	324 iP	52 34.90	-0.8	
WRA	60.69	147 Pc	52 42.30	0.0	
	0.6s	4.80nm		4.8mb	
WB2	60.69	147 eP	52 42.20	-0.1	
HFS	61.59	325 eP	52 46.70	-1.3	
	0 6s	8.20nm		5.0mb	
	Z 15s	0.19um		4.4MszX	
		LR	18 10.00		
SPC	61.65	312 eP	52 49.30	0.5	
NB2	62.44	327 P	52 51.80	-1.9	
	0.7s	6.60nm		4.9mb	
BRG	64.81	316 iP	53 09.50	0.1	
PRU	64.81	314 P	53 09.50	0.1	
MUD	65.17	322 iPc	53 11.30	-0.2	
	0.5s	6.60nm		5.0mb	
CLL	65.18	316 iPc	53 10.90	-0.8	
	1.2s	12.00nm		4.9mb	
KHC	65.73	314 iPc	53 15.60	0.2	
MBC	66.71	10 ePc	53 21.00	-0.2	
	0.9s	11.00nm		5.0mb	
GRF	66.89	315 eP	53 23.20	0.5	
	Z 20s	0.20um		4.3Msz	
WTS	68.37	319 eP	53 32.00	0.1	
		e	53 41.00		
INK	69.46	20 eP	53 38.00	-0.4	
WLF	69.83	317 P	53 41.50	0.6	
BSF	70.35	315 eP	53 45.00	0.7	
LPG	71.51	313 eP	53 52.20	0.6	
SMF	72.68	315 eP	53 58.20	0.0	
	0 8s	4.00nm		4.5mb	
AVF	72 90	315 eP	53 59.40	0.0	
	0.8s	4.10nm		4.5mb	
MZF	73.65	315 eP	54 04.20	0.4	
	1.2s	13.70nm		4.8mb	
MFF	75.03	316 eP	54 12.50	0.7	
YKA	78.95	17 eP	54 34.60	1.3	
YKC	79.00	17 eP	54 34.00	0.5	
EDM	87 24	22 eP	55 17.50	1.4	
FFC	88.85	15 iPc	55 24.20	0.5	
	0.8s	10.00nm		5.2mb	
BAO	149.16	299 e(PKP)	02 13.50	-1.2	
VAO	152.65	286 e(PKP)	02 07.00	-12.7X	
	S.D. = 1.0	on 51 of 58 obs.			

JUN 24, 1985 02h 59m 54.52± 1.14s
13.289 N ± 9.7km 89.817 W ± 8.7km
DEPTH = 70.5 ± 11.4 km
4.4mb (21 obs.)
EL SALVADOR (73)

COM	3.70	323 iP	00 51.20	0.5	
PBJ	6.24	301 iP	01 19.00	-7.1X	
VHO	7.74	301 iP	01 39.50	-7.5X	
		iS	03 09.00		
TPM	10.53	304 iP	02 23.00	-2.2	
UPA	10.96	112 e(P)	02 29.00	-1.8	
		e	09 36.00		
OXM	11 20	304 eP	02 28.00	-6.4X	
PSO	17.25	133 eP	03 54.50	1.8	
BOG	17 77	118 eP	04 01.00	1.8	

		eS	07 34.00		
JCT	19.43	333 eP	04 18.00	-0.1	
	1.0s	17.50nm		4.3mb	
LTX	20.49	323 iP	04 28.50	-0.7	
	1.0s	19.00nm		4.4mb	
BHO	21.49	349 eP	04 39.00	-0.2	
PRM	21.78	17 iP	04 45.00	3.0X	
RSCP	22.54	9 eP	04 52.30	2.7X	
	1.0s	56 00nm		4.9mb	
TUL	23.16	348 eP	04 55.50	0.0	
	0.9s	40.80nm		4.9mb	
OCO	23.19	344 eP	04 56.70	0.8	
RLO	23.26	349 eP	04 56.80	0.3	
FVM	24.60	359 eP	05 10.50	1.0	
ALQ	26.29	328 eP	05 25.00	-0.5	
	1.0s	3.75nm		3.9mb	
GLD	29.65	336 eP	05 56.00	0.2	
	1.0s	14.00nm		4.6mb	
GOL	29.67	335 eP	05 56.00	0.0	
	0.9s	4.55nm		4.2mb	
GLA	30.12	315 eP	06 01.00	1.1	
RMU	30.31	325 iP	06 02.00	0.4	
TPC	31.56	316 eP	06 08.00	-4.5X	
PLM	31.71	314 eP	06 13.00	-1.0	
GSC	32.75	317 eP	06 25.00	2.1	
MWC	33.01	314 eP	06 26.00	0.7	
RSSD	33.05	341 iP	06 26.30	0.7	
	0.8s	4.23nm		4.3mb	
SBB	33.10	315 eP	06 26.00	0.0	
RSNY	33.78	20 eP	06 33.00	1.4	
	0.9s	8.40nm		4.6mb	
BDW	33 98	334 eP	06 32.00	-1.7	
	1.0s	2.00nm		4.0mb	
ISA	34.08	316 eP	06 36.00	1.6	
EUR	34 82	323 iP	06 41.00	0.1	
	0.8s	4.13nm		4.4mb	
MNT	34.93	20 eP	06 42.00	0.6	
MNA	35.48	320 eP	06 47.70	1.3	
BMN	36.17	323 eP	06 52.50	0.3	
	1.0s	5.25nm		4.4mb	
ZOBO	36.36	143 ePc	06 54.00	-0.5	
LPB	36.59	143 eP	07 05.00	8.8X	
		LR	23 34.00		
JAS1	36.63	318 eP	06 56.00	0.0	
RSON	37.60	356 iP	07 03.10	-0.8	
	1.0s	21.00nm		5.0mb	
LRM	37.66	334 eP	07 05.30	0.5	
TPZ	40.27	149 eP	07 41.00	14.1X	
ATB	40.79	111 e(P)	07 31.10	0.4	
NEW	41.58	332 P	07 38.00	1.1	
	0.9s	3.78nm		4.2mb	
PNT	43.48	332 eP	07 52.00	-0.4	
	0.8s	14.00nm		4.8mb	
EDM	44.01	340 eP	07 55.50	-1.2	
SCH	45.18	19 eP	08 05.00	-1 0	
YKA	52.22	346 eP	08 59.70	-0.5	
FRB	52.55	12 eP	09 01.00	-1.6	
SOB1	53.47	112 eP	09 09.40	-0.7	
VAO	55.32	130 eP	09 21.20	-2.4	
INK	61.71	343 eP	10 06.00	-1.3	
MBC	64.88	353 eP	10 27.00	-1.0	
	0.7s	4.00nm		4.5mb	
ALE	70.11	4 eP	10 59.00	-1.7	
	0.8s	5.00nm		4.5mb	
SSF	82.64	43 eP	12 11.40	-0.2	
LOR	82.83	43 eP	12 12.80	0.2	
SMF	82.95	44 eP	12 14.40	1.2	
LBF	82.97	43 eP	12 12.00	-1.3	
ENN	83.42	39 eP	12 16.00	0.6	
	0.8s	3.00nm		4.3mb	
WTS	83.68	38 eP	12 17.00	0.3	
	0.8s	4.00nm		4.5mb	
		e	12 25.00		
NB2	83.75	29 P	12 17.60	0.6	
	1.0s	2.10nm		4.1mb	
KIC	83.79	85 eP	12 19.40	1.4	
HAU	84.32	42 eP	12 16.10	-4.0X	
HFS	85.19	29 eP	12 23.80	-0.3	
	0.5s	1.70nm		4.4mb	
	Z 15s	0.20um		4.6MszX	
		LR	43 19.00		
CLL	87.58	38 eP	12 37.00	1.0	
KHC	88.62	40 P	12 40.20	-1.0	
HYB	147.40	21 ePKP	19 33.40	3.2X	
GBA	150.45	26 PKPc	19 40.30	5.4X	
	1.0s	29.10nm			
	S.D. = 1.1	on 56 of 67 obs			

* JUN 24, 1985 03h 54m 37.43± 0.56s
65.292 N ±11.1km 144.414 E ± 8.2km
DEPTH = 33.0km (normol)
4.7mb (12 obs.)
EASTERN SIBERIA (671)

MBC	29.53	29 eP	00 40.00	-0.3	
INK	30.26	47 eP	00 48.00	1.2	
YKA	39.96	45 eP	02 11.70	2.0	
YKC	40.01	45 eP	02 11.00	0 9	
SOD	40.46	328 eP	02 14.00	0.3	
KJF	42.84	325 eP	02 34.00	0.7	
	0.6s	13.00nm		4.8mb	
SUF	44.47	325 iP	02 46.90	0.4	
	0.6s	5.10nm		4.5mb	
NUR	46.74	324 iP	03 04.50	0.0	
NB2	49.26	332 P	03 23.50	-0.7	
	0.7s	5.30nm		4.7mb	
HFS	49.59	330 eP	03 25.70	-0.9	
	0.8s	4.30nm		4.5mb	
FFC	50.10	44 eP	03 29.00	-1.7	
	1.3s	17.00nm		4.9mb	
KKN	52.28	254 iP	03 48.80	1.1	
CLL	57.87	326 iPd	04 26.90	-0.8	
	1.4s	31.00nm		5.2mb	
BDW	58.09	56 eP	04 29.00	-0.7	
	1.0s	2.20nm		4.2mb	
JAS1	58.30	68 iP	04 32.00	1.0	
	1.0s	0.90nm		3.8mb	
PRU	58.73	325 eP	04 34.00	0.2	
RSSD	58.78	52 e(P)	04 33.00	-1.5	
	1.1s	5.23nm		4.6mb	
MOX	58.81	327 eP	04 34.00	-0.4	
	1.3s	15.00nm		4.9mb	
KHC	59.76	325 P	04 41.50	0.5	
JCT	72.54	55 eP	06 02.10	-0.6	
	1.0s	7.50nm		4.6mb	
WB2	85.32	189 eP	07 11.70	-0.1	
WRA	85.32	190 Pc	07 11.30	-0.5	
	0.7s	5.80nm		4.9mb	
	S.D. = 1.0	on 22 of 22 obs.			

? JUN 24, 1985 04h 27m 40.90± 1.80s
3.410 S ±22.4km 139.318 E ±23.6km
DEPTH = 33 0km (normol)
4.2mb (2 obs.)
WEST IRIAN (201)

JAY	1.65	57 ePd	28 08.00	0.1	
		eS	28 47.00		
MTN	12.39	220 eP	30 39.00	1.1	
		eS	32 52.00		
KNA	16.07	220 eP	31 29.00	2.9X	
WB2	17.13	196 eP	31 38.40	-1.2	
		eS	34 45.20		
WRA	17.14	196 Pc	31 40.60	1.0	
	0.6s	8.20nm		4.0mb	
CTA	17.90	158 eP	31 50.00	0.8	
ASPA	20.81	194 iPc	32 20.30	-1.8	
	0.9s	17.00nm		4.4mb	
		epP	32 40.00	95kmX	
	S.D. = 1.6	on 6 of 7 obs.			

JUN 24, 1985 05h 44m 29.01± 0.36s
17.861 S ± 7.9km 178.741 W ± 6.7km
DEPTH = 591.0 ± 4.2 km
4.8mb (21 obs.)
FIJI ISLANDS REGION (181)

KRO	1.86	287 iPc	45 42.00	-1.3	
SVA	2.68	264 ePc	45 45.70	-0.4	
NMS	2.95	265 iP	45 47.80	0.1	
NGA	3.13	263 iP	45 48.80	0.2	
SGE	3.19	274 iPc	45 50.00	0.9	
YSA	3.71	288 eP	45 52.90	0.7	
AFI	7.77	61 P	46 21.00	-5.5X	
		S	47 52.00		
NUE	8.45	100 P	46 27.60	-5.3X	
		S	48 24.00		
NOU	14.60	250 iPc	47 31.30	-2.0	
KOU	16.26	258 iPc	47 52.50	3.1X	
		iS	50 41.40		
KRP	20.61	193 P	48 30.00	0.0	
		PcP	49 49.30		
BRS	27.89	245 iPd	49 35.00	0.2	
COO	29.53	239 eP	49 49.00	0.2	
RMQ	31.23	248 eP	50 04.00	0.8	

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CTA    33.14 260 iPd    50 19.90    0.6
       1.6s    271.67nm          5.6mb
                 iS     58 08.00
PMG    34.14 280 iPd    50 29.00    1.3
       0.8s    149.25nm          5.7mb
CMS    34.77 240 iPd    50 33.40    0.6
       0.8s    107.00nm          5.5mb
TOO    36.96 231 eP     50 51.00    0.3
       0.8s     62.00nm          5.3mb
TAU    38.06 222 eP     51 00.00    0.4
STK    38.38 241 iPd    51 03.50    1.2
       0.8s    104.00nm          5.4mb
BFD    39.01 233 eP     51 08.00    0.6
ADE    41.40 237 iPd    51 27.10    0.6
       0.9s     50.42nm          5.0mb
WB2    44.32 260 iPd    51 49.10   -0.4
WRA    44.33 260 Pc     51 49.60    0.0
       0.5s     27.70nm          5.0mb
ASPA   44.50 254 iPd    51 51.20    0.3
       0.7s    382.00nm          6.0mb X
                 eS     57 44.00
KNA    50.16 264 eP     52 34.00    0.5
WBN    51.06 251 eP     52 40.00   -0.1
DRV    55.61 199 iP     53 11.00   -0.6
MBL    57.68 256 iPc    53 26.10   -0.4
       0.4s     22.00nm          4.8mb
MEK    58.22 249 eP     53 29.00   -1.1
KLB    58.56 244 iPd    53 31.30   -1.0
NWAO   58.95 242 eP     53 34.00   -0.8
BAL    59.52 245 eP     53 37.00   -1.6
MUN    59.86 243 eP     53 41.00    0.1
MRWA   60.24 246 eP     53 42.00   -1.4
       0.6s     13.00nm          4.4mb
SBA    60.45 183 eP     53 44.40    0.4
                 e      55 25.40
SPA    72.25 180 eP     54 57.20    0.5
       0.9s     18.18nm          4.6mb
GCC    76.40  44 eP     55 20.50    0.6
PRS    76.42  44 eP     55 20.20    0.1
SAO    76.61  44 eP     55 21.10    0.0
PRI    76.78  45 eP     55 22.00   -0.2
MHC    76.81  43 eP     55 23.00    0.6
FRI    77.89  45 eP     55 28.40    0.4
JAS1   77.94  43 eP     55 27.70   -0.5
                 e      57 30.30
WDC    78.11  40 eP     55 28.80   -0.3
ORV    78.17  42 eP     55 28.80   -0.6
GLA    79.27  50 iP     55 36.10    0.8
MNA    79.71  44 eP     55 37.60   -0.1
BMN    81.39  43 eP     55 46.20    0.0
       1.0s     12.50nm          4.4mb
                epP     57 52.00 591kmX
EUR    81.71  44 iP     55 46.00   -2.0
       0.2s     11.72nm          5.1mb
PMR    82 63  14 P      55 52.00    0.2
RMU    83 96  48 eP     55 59.20    0.0
                epP     58 03.50 577kmX
PNT    84.87  34 eP     56 03.00   -0.1
       0 9s     25.00nm          4.8mb
NEW    85.66  36 P      56 06.80   -0.2
       1.0s     10.50nm          4.5mb
LTX    86.24  58 iP     56 11.00    0.8
       1 0s     16.20nm          4.7mb
                epP     58 15.00 571kmX
ALQ    86.31  52 eP     56 10.00   -0.6
       1 0s      7.25nm          4.4mb
                epP     58 14.50 574kmX
LRM    87.14  48 eP     56 14.10   -0.2
                 e      59 47.30
BDW    87.53  44 iP     56 16.00   -0.2
       1.0s      8.00nm          4.5mb
                epP     58 20.00 569kmX
GOL    89.06  48 eP     56 24.00    0.6
       1.0s      6.00nm          4.5mb
                epP     58 33.00 595kmX
GLD    89.19  48 eP     56 26.00    2.1
       1.0s     18.00nm          5.0mb
                epP     58 32.00 578kmX
JCT    89.78  58 iP     56 26.00   -0.6
       0.8s      8.58nm          4.7mb
SES    90.17  36 eP     56 27.00   -0.9
RSSD   91.75  44 eP     56 35.50   -0.1
       1.0s     14.00nm          4.9mb
INK    91.92  15 eP     56 35.00   -0.5
YKA    94.42  25 eP     56 47.60    0.5
KHC   147.25 345 ePKP   03 05.50    0.8
      S.D. = 0.8  on  63 of  66 obs.
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• JUN 24, 1985  06h 14m 46.32± 1.01s
   13.278 N ±13.3km  121.257 E ±20.9km
   DEPTH =  10.0km  (geophysicist)
   4.3mb (  1 obs.)
 MINDORO, PHILIPPINE ISLANDS          (250)

QCP     1.36 353 eP     15 01.00 -10.3X
MAN     1.38 353 iP     15 11.80    0.2
                 eS     15 33.80
BAG     3.18 348 eP     15 37.00   -0.6
DAV     7.48 145 eP     16 38 00   -0.1
BJI    27.03 351 eP     20 31.00    0.5
WRA    35.43 158 Pc     21 53.00    8.1X
       0.6s     2.80nm          4.3mb
PKI    36.33 299 eP     21 53.90    1.1
       0.8s    24.00nm          5.1mb X
KKN    36.50 299 eP     21 55.50    1.4
       0.8s    26.00nm          5.1mb X
DMN    36.60 299 eP     21 52.50   -2.5
       0.8s    35.00nm          5.2mb X
INK    83.30  21 eP     27 19.00    4.7X
MBC    83.84  12 eP     27 20.50    3.5X
      S.D. = 1.6  on  7 of  11 obs.

   JUN 24, 1985  06h 40m 58.26± 0.43s
    0.143 S ± 8.5km  125.224 E ± 9.9km
   DEPTH =  33.0km  (normal)
   4.8mb (  4 obs.)
 MOLUCCA SEA                          (269)

AAI     4.61 140 ePd    42 08.00    0.6
DAV     7.19   3 eP     42 52.50    8.7X
MTN    13.91 155 eP     44 15.00   -0.4
       0.5s    20.00nm          5.1mb X
KNA    15.90 167 eP     44 41.60    0.3
WRA    21.61 156 Pd     45 45.60   -2.0
       1.0s    33.10nm          4.7mb
KGM    22 01 276 ePc    45 52.00    0.4
PMG    23.69 113 e(P)   46 03.00   -5.1X
NAU    24.20 202 eP     46 13.00    0.1
IPM    24.62 281 ePc    46 16.50   -0.7
ASPA   24.86 161 eP     46 20.00    0.6
WBN    25.88 177 eP     46 30.00    1.1
CTA    28.58 135 iPc    46 53.50   -0.1
       0.9s     7.56nm          4.4mb
CHG    31.95 308 iPd    47 23.60    0.1
       1.0s    18.50nm          4.9mb
STK    35.16 155 eP     47 50.00   -1.1
BRS    37.87 138 P      48 13.50   -0.6
PKI    47.10 309 eP     49 29.20   -0.5
KKN    47.31 309 eP     49 30.80   -0.4
       0.5s     7.00nm          4.9mb
DMN    47.35 309 eP     49 31.40   -0.2
SPA    89.86 180 e(P)   53 56.40    1.3
INK    94.30  21 ePc    54 15.20   -0.1
ALQ   120.72  49 ePKP   59 50.00    0.7
       0.9s     2.10nm
JCT   127.69  51 iPKP   00 03.50    0.8
       0.9s     5.46nm
      S.D. = 0.8  on  20 of  22 obs.

% JUN 24, 1985  07h 28m 01.31± 2.60s
   41.156 N ±23.9km   27.696 E ±14.8km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                               (366)

MFT     0.48 221 ePg    28 11.10   -0.1
CTT     0.55  91 iPg    28 12.10   -0.5
                 iSg    28 15.60
EDC     0.82 171 iPn    28 17.10   -0.1
ISK     1.03  95 iPn    28 20.60   -0.2
HRT     1.53 102 iPn    28 29.60    0.9
      S.D. = 0.7  on  5 of  5 obs.

• JUN 24, 1985  08h 01m 12.67± 1.23s
   11.425 S ±12.9km  118.454 E ±13.8km
   DEPTH =  33.0km  (normal)
   4.0mb (  3 obs.)
 SOUTH OF SUMBAWA ISLAND              (291)

DNP     4.20 310 eP     03 05 00   49.0X
TRT     6.83 302 ePc    02 53.00   -0.1
                 eS     03 49.50
MBL     9.77 172 eP     03 33.00   -1.0
       0.4s    20.00nm          5.7mb X
                 eS     05 13.00
NAU    11.41 194 eP     03 56.00   -0.5
       0.4s    18.00nm          5.6mb X
                 eS     05 54.00
MEK    15.11 180 eP     04 45.00   -0.5
       0.3s    16.00nm          4.8mb
                 eS     07 19.00
WBN    16.52 153 eP     05 04.00    0.4
                 eS     07 59.00
WRA    17.47 121 Pc     05 19.90    4.3X
       0.6s     0.90nm          3.1mb
WB2    17.48 121 eP•    65 15.70    0 0
                 eS     08 21.20
MRWA   17.85 187 eP     05 22.00    1.8
       0.4s     5.00nm          4.0mb
                 eS     08 22.00
      S.D. = 1.1  on  7 of  9 obs.

• JUN 24, 1985  11h 37m 30.85± 1.17s
   33.109 S ± 7.7km   71.715 W ±11.7km
   DEPTH =  33.0km  (normal)
   4.5mb (  1 obs.)
 NEAR COAST OF CENTRAL CHILE          (135)
      Felt (III) at Sontiogo and
      Volparaiso. Also felt at
      Rancogua.

ROCH    0.61  77 iPd    37 43.80    0.6
TACH    0.85 130 iPc    37 46.50    0.1
PEL     0.86  93 iP     37 47.00    0.3
LNV     0.88 163 iPd    37 47.90    1.1
SAN     0.95 112 iPd    37 48.00    0.2
JACH    1.04  66 iP     37 50.20    1.0
BACH    1.05 104 iPd    37 49.50    0.1
PCH     1.13 117 iPc    37 50.10   -0.4
CHCH    1.21 133 iPd    37 51.70    0.1
FCH     1.21 101 iPd    37 52.10    0.2
MDZ     2.42  85 eP     38 12.90    3.9X
                 iS     38 43.60
RFA     3.17 122 Pc     38 20.40    0.8
                 S      39 05.40
VBA     9.34 125 ePc    39 43.60   -2 6
SLA     9.97  35 eP     39 55.00    0.0
TPZ    11.90  14 eP     40 45.00   23.5X
ARE    16.58   1 e(P)   41 38.00   15.3X
LPB    16.83  12 eP     41 30.00    4 0X
ZOBO   17.08  12 Pc     41 35.20    5.9X
BAO    27.64  57 e(P)   43 25.00    7 3X
ITR    39.13  59 eP     44 55.30   -1.8
JCT    68.60 334 eP     48 33.00    0.4
       1.0s     5.00nm          4.5mb
      S.D. = 1.1  on  15 of  21 obs.

% JUN 24, 1985  11h 42m 22.51± 0.89s
   60.805 N ± 6.6km    5.084 E ±10.8km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                      (535)
      DUR 1.7 (BER).

SUE     0.30 328 iPg    42 28.90    0.2
                 eSg    42 33.30
ASK     0.33 170 iPg    42 28.50   -0.8
                 eSg    42 34.10
HYA     0.65  56 iPg    42 35.00   -0.5
                 eSg    42 44.50
ODD     1.16 137 ePn    42 45.20    0.9
                 eSn    43 00.30
KMY     1.60 177 ePn    42 51.00    0 1
                 eSn    43 10.50
      S.D. = 0.9  on  5 of  5 obs

• JUN 24, 1985  11h 59m 29 06± 6 7Es
   10.787 S ±11.5km   41.120 E ±12 5km
   DEPTH =  10.0km  (geophysicist)
   4.5mb (  2 obs.)
 NORTHWEST OF MADAGASCAR              (574)

CLK     7.71 230 iPn    01 24.50    0.3
                 eSn    02 50.00
NAI    10.38 335 iPc    02 02.00    0.7
       0.8s    29.85nm          5.8mb X
MTD    11.01 236 iPn    02 09.00   -0.8
                 eSn    04 08.00
                 eLg    05 17.00
KRI    12.68 240 iPn    02 31.00   -1.5
                 iSn    04 48.00
BUL    15.22 231 iPnd   03 05.70   -0 2
       0.9s    21.01nm          4.5mb
                 eLg    07 31.00
```

24d 12h

```
SLP     19.20 218 eP     04 04.50    8.5X
KSP     20.15 220 e(P)   04 07.20    0.6
SWZ     22.07 220 eP     04 28.00    1.8
GBA     43.42  57 P      07 33.00   -1.0
WRA     89.36 110 P      12 28 00    0.2
        0.7s      1.60nm          4.4mb
EUR   144.90 328 iPKP   19 08.50   -0 2
        0.3s      1.92nm
      S.D = 1.1  on  10 of  11 obs

   JUN  24, 1985  12h 12m 52.55± 0.42s
    5.789 S ± 3.1km  148.346 E ± 3.7km
   DEPTH = 120.7 ±  4.4 km
   5 4mb ( 20 obs.)
 NEW BRITAIN REGION                (192)
      CENTROID  MOMENT TENSOR      (HRV)
      Data Used  GDSN
      E P.B    9S, 16C
      Centroid Location
      Origin Time        12.12:59.3 0.9
      Lat  5.71S 0.10 Lon 148.20E 0.08
      Dep 118.0 FIX Half-duration   1.5
      Moment Tensor; Scale 10**23 D-CM
        Mrr=-2.43 0.65  Mtt= 3.40 1.05
        Mff=-0.97 1.12  Mrt=-7.03 0.55
        Mrf= 2.99 0.58  Mtf=-1.83 0.76
       Principal Axes:
        T  Val=  9.11  Plg=33  Azm=201
        N       -1.62       2       293
        P       -7.50      56        26
      Best Double Couple:Mo=8.3*10**23
       NP1:Strike=283 Dip=12 Slip=-100
       NP2:       113     79       -88

LAT     1.59 237 iPd    13 22.00    0 6
MDG     2 61 282 eP     13 35.00    0 6
BIAL    2.73  80 eP     13 34.00   -2 0
LMG     3.11 184 iPc    13 39.00   -2 1
PMG     3.79 198 iPc    13 50.20    0 1
MOM     3.84 346 iP     13 52.50    1.7
RAB     4.13  68 eP     13 55.00    0.3
WEW     5.20 295 e(P)   14 11.50    2.2
BGA     6.81  93 eP     14 28.00   -3.5X
                eS     14 46.00
PAA     7.12  94 eP     14 33.00   -2.7
                eS     14 48.00
JAY     8.29 293 ePd    14 52.50    1.1
SVO    11.85 107 eP     15 49.00   10.1X
HNR    12.05 108 eP     15 42.00    0.5
CTA    14.36 188 iPc+   16 12.00    0.6
       1.6s   283.33nm          5.3mb
MTN    18.37 246 eP     16 59.00   -1.8
       0 5s     67.00nm          5.2mb
                eS     20 18.00
GUA    19.50 350 eP     17 13.00    0.2
       1.0s   360.00nm          5.7mb
GUMO   19.56 350 eP     17 13.30   -0.1
PJG    19.56 350 eP     17 13.70    0.3
WB2    19.57 223 iPc    17 13.10   -0.5
                iS     20 49.20
WRA    19.58 223 Pd     17 13.60    0.0
       0.5s   111.60nm          5.5mb
RMO    20.59 179 iPc    17 25.20    1.3
                e      17 38.00
KOU    21.33 135 iPc    17 37.50    6.2X
KNA    21.61 241 iPc    17 33.80   -0.3
       0.5s   128.00nm          5.5mb
                eS     21 26.00
BRS    21.89 169 iPd    17 37.00    0.1
                i      18 04.00
                e      21 30.00
ASPA   22.57 217 iPc    17 45.00    1.5
       0.7s   321.00nm          5.8mb
                eS     21 46 00
NOU    24.00 135 iPd    17 58.00    0.7
COO    24.88 173 eP     18 06.00    0.3
CMS    25.67 185 eP     18 13.00    0 1
STK    26.72 193 iPd    18 22.20   -0.2
                e      18 46.00
WBN    29.02 223 iPc    18 43.80    0.5
CAN    29.39 179 iPd    18 47.20    0.6
                e      19 11.00
WAM    30.26 179 iPd    18 54.90    0.8
                i      19 17.70
ADE    30.37 196 iPc    18 54 80   -0.4
       1.0s    40.00nm          5.1mb
MBL    31.57 238 iPc    19 05.10   -0.7

                e      19 29.00
BFD    31.69 189 iPd    19 06.40   -0.2
TOO    31.74 184 eP     19 07.00   -0.1
MEK    35.16 231 iPc    19 36.50   -0.2
       0.6s     90.00nm          5.8mb
                e      20 03.00
KLG    35.44 222 iPc    19 39.10    0.1
       0.4s     17.00nm          5.2mb
NAU    35.81 239 iPc    19 42.00   -0.2
       0.4s     18.00nm          5.3mb
MRWA   38.42 229 iPc    20 04.10    0.0
       0.4s     16 00nm          5.2mb
                e      20 28.00
KLB    38.45 224 iPc    20 04.00   -0.3
BAL    38.64 226 iPd    20 06.00    0.1
MUN    39.75 225 iPc    20 15.10    0.0
RKG    40.42 222 iPc    20 23.50    3.0X
                e      20 49.00
MAT    43.17 348 iPd    20 43.00    0.1
       1.2s    164.06nm          5.7mb
                eS     27 04.00
KGM    45.63 278 eP     21 02.80   -0.1
NJ2    46.96 325 eP     21 14.00    0.9
PPI    48.15 275 eP     21 18.00   -4.7X
DL2    50.89 333 eP     21 43.20    0.0
TIA    51.01 327 eP     21 42.40   -1.8
MDJ    52.93 343 eP     21 58.00   -0.4
CN2    53.52 339 Pd     22 01.80   -0.9
KMI    53.94 307 eP     22 06.00   -0.4
BJI    54.38 330 eP     22 08.00   -1.1
CD2    56.10 313 eP     22 20.90   -0.8
HHC    57.37 327 P      22 30.10   -0.5
LZH    58.93 318 eP     22 41.00   -0.6
DRV    61.05 184 e(P)   22 55.00   -0.4
SHL    63.03 302 eP     23 08.00   -1.5
PMO    63.20 104 iP     23 11.80    1 4
       1.1s    160.00nm          5.9mb
GTA    63 44 320 P      23 11.70   -0.2
                pP     23 37.90  105kmX
VAH    63.46 104 iP     23 13.10    0.9
       1.1s     70 00nm          5 5mb
TPT    63.46 104 iP     23 13.40    1.2
       1.1s     55.00nm          5.4mb
RUV    63.70 104 iP     23 14.70    1.0
       1.1s     85.00nm          5.6mb
ADK    64.74  23 e(P)   23 19.90    0.0
PKI    69.16 302 eP     23 46.90   -1.7
       0.8s     9.00nm           4.7mb
DMN    69.43 302 eP     23 49.00   -1.2
       0.7s     19.00nm          5.0mb
SBA    72.67 176 e(P)   24 07.90   -0.5
WMQ    73.51 319 P      24 14.00    0.1
SDN    74.08  28 e(P)   24 17.20    0.3
SVW    79.49  24 e(P)   24 48.00    1.0
TTA    80.34  23 eP     24 51.80    0.3
PMR    82.44  25 eP     25 02 40    0.1
       0.9s     33.30nm          5.2mb
IMA    82.89  20 eP     25 05.00    0.2
TOA    83.93  25 eP     25 11.50    1.5
SPA    84.25 180 e(P)   25 12.40    0.7
FBA    84.47  23 eP     25 11.50   -1.1
       0.8s     24.00nm          5.1mb
BRW    84.86  15 e(P)   25 16.20    1.8
QUE    85.48 301 eP     25 18.00   -0.6
PNL    86.13  29 eP     25 21.40    0.5
SIT    87.45  32 eP     25 28.00    0.7
INK    90.97  21 ePc    25 42.30   -1.4
TPZ   134.68 128 PKP    32 05.00    5.2X
ZOBO  137.78 122 ePKPc  31 54.00  -12.1X
VAO   147.71 153 ePKP   32 25.30    2.9X
BAO   153.26 143 PKPd   32 38.60    7.7X
      S.D. = 1.0  on  77 of  86 obs.

*  JUN  24, 1985  13h 07m 54.53± 0.83s
     4.083 S ±12.1km  127.954 E ±22.7km
    DEPTH = 209.0 ± 11.2 km
    4.2mb (  2 obs.)
 BANDA SEA                        (280)

AAI     0.46  31 iPd    08 24.00    0.0
                i(S)   08 44.20
MTN     9.26 160 eP     10 05.00    0.0
                eS     11 48.00
KNA    11.62 176 eP     10 36.00    0.6
WRA    16.95 159 Pc     11 40.20   -1.0
       0.3s     2.30nm           4.1mb
WB2    16.95 159 eP     11 40.30   -0.9

                eS     14 42.20
MBL    18.72 204 iPc    11 58.90   -1.0
ASPA   20.30 164 eP     12 17.00    1.1
                eS     15 48.00
WBN    21.97 183 iPd    12 34.20    2.0
MEK    24.14 201 eP     12 52.00   -1.1
IPM    28.24 287 ePc    13 30.90    0.4
PKI    51.70 310 eP     16 42.70   -0.3
       0.5s     5.00nm           4.3mb
KKN    51.91 310 eP     16 44.60    0.2
       0.6s    11.00nm           4.6mb X
DMN    51.95 310 eP     16 44.60   -0.1
       0.5s    11.00nm           4.7mb X
      S.D. = 1.0  on  13 of  13 obs.

?  JUN  24, 1985  13h 26m 54.90± 1.11s
    10.260 S ±41.3km   40.305 E ±27.8km
    DEPTH =  10.0km  (geophysicist)
    4.3mb (  3 obs.)
 TANZANIA                         (573)

CLK     7.48 223 iPnc   28 47.00    0.2
                eSn    30 13.00
MTD    10.67 232 iPn    29 31.00    0.0
                eSn    31 32.00
                eLg    32 45.00
KRI    12.27 237 iPn    29 53.00    0.2
                eSn    32 14.00
BUL    14.95 228 iPnc   30 28.00   -0.3
       1.0s    11.00nm           4.3mb
                eSn    33 18.00
                eLg    35 01.00
GBA    43.81  58 P      35 03.00    0.0
       0.3s     3.40nm           4.6mb
WRA    90.30 110 P      39 58.00    0.0
       0.7s     0.90nm           4.1mb
      S.D. = 0.2  on   6 of   6 obs.

*  JUN  24, 1985  13h 41m 24.21± 0.50s
    10.642 S ±10.5km   41.096 E ±10.6km
    DEPTH =  10.0km  (geophysicist)
    5.0mb ( 11 obs.)
 NORTHWEST OF MADAGASCAR          (574)

CLK     7.78 229 iPn    43 20.30   -0.1
                iSn    44 43.00
MTD    11.07 236 iPn    44 05.00   -0.8
                iSn    46 02.00
                eLg    47 12.00
KRI    12.73 240 iPn    44 27.00   -1.4
                iSn    46 42.00
BUL    15.29 230 iPnc   45 01.50   -0.5
       1.0s    75.00nm           5.0mb
                iSn    47 47.00
                eLg    49 26.00
BNG    26.99 303 ePd    47 09.10    0.8
       1.0s     5.00nm           4.2mb
                ic     47 18.80
SUR    28.60 218 eP     47 31.40    8.4X
GBA    43.36  57 Pd     49 28.40   -0.3
       1.0s    47.90nm           5.2mb
KIC    48.66 288 eP     50 12.90    2.1
CHG    64.11  63 iPc    52 00.00   -1.3
       1.0s    15.00nm           5.1mb
KHC    64.26 340 Pd     52 01.60   -0.2
NUR    72.12 352 iP     52 50.40   -0.1
       0.8s    19.10nm           5.2mb
UPP    72.74 348 iP     52 53.80   -0.4
HFS    73.86 346 eP     52 59.50   -1.2
       0.9s     8.70nm           4.8mb
SUF    74.05 353 iPc    53 01.70    0.0
       0.7s    17.90nm           5.2mb
NB2    75.25 345 P      53 08.10   -0.8
       0.7s     2.30nm           4.3mb
KJF    75.31 354 iP     53 08.80   -0.2
       0.8s    20.50nm           5.2mb
SOD    78.51 354 iP     53 27.20    0.4
SPA    79.43 180 eP     53 34.70    2.6
       1.0s    10.00nm           4.8mb
WRA    89.44 110 Pc     54 22.70   -0.6
       0.9s     5.70nm           4.8mb
BDW   139.04 327 ePKP   00 54.00    0.5
       1.0s     1.80nm
LTX   142.23 305 ePKP   00 58.00   -1.5
BMN   144.67 331 iPKP   01 04.10    0.8
       1.0s    12.75nm
EUR   144.77 328 iPKP   01 04.00    0.3
```

0.5s 11.97nm

JAS1	148.17	332	ePKP	01	13.00	4.0X
GSC	148.27	324	ePKP	01	15.00	5.7X
GLA	148.58	319	ePKP	01	15.00	5.2X
ISA	148.94	327	ePKP	01	16.00	5.6X
SBB	149.29	325	ePKP	01	17.00	6.1X
RVR	149.53	323	ePKP	01	13.00	1.8
PLM	149.66	322	ePKP	01	18.00	6.3X
MWC	149.76	324	ePKP	01	18.00	6.2X
PAS	149 88	324	ePKP	01	22.00	10.3X

S.D. = 1.1 on 23 of 32 obs.

• JUN 24, 1985 14h 04m 44.39± 0.42s
10.692 S ±10.3km 41.224 E ± 9.3km
DEPTH = 10.0km (geophysicist)
5.0mb (13 obs.)
NORTHWEST OF MADAGASCAR (574)

CLK	7.85	230	ePn	06	41.00	-0.5
			iSn	08	03.00	
NAI	10.34	335	eP	07	35.00	19.0X
	1.0s	50.00nm				
MTD	11.15	236	iPn	07	26.00	-1.1
			eSn	09	20.00	
			eLg	10	26.00	
BUL	15.36	231	iPnd	08	22.10	-0.9
			i	08	29.50	
			eSn	11	01.00	
			eLg	12	36.00	
SLR	19.34	218	iPc	09	21.90	8.8X
	0.9s	33.61nm			4.6mb	
SWZ	22.21	220	eP	09	45.00	2.1
	1.0s	180.00nm			5.5mb	
BNG	27.12	303	iPd	10	30.50	0.8
	0.9s	18.00nm			4.8mb	
			id	10	39.30	
SUR	28.64	218	iPc	10	52.50	9.0X
	0.7s	47.95nm			5.4mb	
GBA	43.28	57	Pd	12	48.50	0.3
	1 0s	42.60nm			5.2mb	
QUE	47.59	31	eP	13	24.00	1.4
KIC	48.80	288	eP	13	36.50	4.5X
SHL	61.08	53	eP	15	01.00	-0.4
IPM	61.43	79	ePd	15	04.00	0.2
LSA	62.63	49	eP	15	10.30	-1.8
KBA	62 66	339	iP	15	19.40	7.7X
	1.0s	4.20nm			4.6mb	
CHG	64.02	63	iPd	15	21.00	0.1
	1.0s	13.50nm			5.1mb	
CLL	66.42	341	e(P)	15	35.00	-0.7
			e	15	44.00	
WMQ	68 73	34	P	15	51.00	0.4
NUR	72 18	351	iP	16	11.00	-0.1
	0.7s	16.00nm			5.2mb	
			i	16	19.00	
UPP	72.82	348	iP	16	14.70	-0.1
			i	16	22.80	
GYA	73.47	58	eP	16	19.20	-0.3
GTA	73.72	44	P	16	18.00	-2.7
HFS	73.94	346	eP	16	21.00	-0.4
	0.8s	6.30nm			4.7mb	
SUF	74.11	353	iP	16	22.90	0.6
	0.7s	12.90nm			5.1mb	
NB2	75.33	345	P	16	29.00	-0.5
	0.7s	2.80nm			4.4mb	
KJF	75 38	354	iP	16	29.70	0.2
	0.8s	29.30nm			5.4mb	
			i	16	38.40	
ITR	78.32	263	eP	16	55.30	8.3X
SOD	78.57	354	iP	16	48.40	1.1
			i	16	56.80	
SPA	79.38	180	e(P)	16	55.80	3.8X
SOB1	80.66	262	eP	17	03.30	3.6X
			e	17	11.90	
BJI	85.54	48	P	17	24.50	0.4
WRA	89.30	110	Pc	17	43.70	0.9
	0.8s	3.80nm			4.7mb	
INK	122.36	358	ePKP	23	49.00	8.3X
EUR	144.88	329	iPKP	24	25.00	1.0
	0.2s	16.75nm				
GSC	148.38	324	ePKP	24	35.00	5.3X
TPC	148.77	322	ePKP	24	36.00	5.7X
ISA	149.05	327	ePKP	24	36.00	5.3X
SBB	149.41	325	ePKP	24	38.00	6.7X
MWC	149 87	324	ePKP	24	26.00	-6 1X

S.D. = 1.1 on 25 of 39 obs.

• JUN 24, 1985 14h 11m 13.17± 0.70s
10.551 S ±16.8km 41.044 E ±15.6km
DEPTH = 10.0km (geophysicist)
4.5mb (3 obs.)
NORTHWEST OF MADAGASCAR (574)

CLK	7.80	229	iPn	13	11.00	1.4
			iSn	14	34.00	
MTD	11.08	235	iPn	13	54 00	-0.9
			eSn	15	50.00	
			eLg	16	57.00	
KRI	12.73	239	iPn	14	17.00	-0.3
			iSn	16	32.00	
GBA	43.36	57	P	19	1B.00	0.4
	0.7s	10.40nm			4.7mb	
NUR	72.02	352	eP	22	39.00	0.1
SUF	73.95	353	iP	22	50.50	0.4
	0.7s	3.20nm			4.5mb	
KJF	75.22	354	eP	22	57.00	-0.4
WRA	89.51	110	P	24	12.00	-0.6
	0.6s	0.90nm			4.2mb	

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

• JUN 24, 1985 14h 19m 22.37± 0.43s
10.713 S ±10.1km 41.159 E ± 9.5km
DEPTH = 10.0km (geophysicist)
5.1mb (11 obs.)
NORTHWEST OF MADAGASCAR (574)

CLK	7.78	230	iPn	21	19.00	0.4
			iSn	22	41.00	
MTD	11.08	236	iPn	22	03.00	-1.2
			eSn	23	57.00	
			eLg	25	05.00	
KRI	12.75	240	iPn	22	26.00	-0.8
			iSn	24	39.00	
BUL	15.29	231	iPnd	22	59.70	-0.5
	1.0s	120.00nm			5.2mb	
			iSn	25	41.00	
			eLg	27	17.00	
SLR	19.28	217	iPc	23	57.90	7.5X
SWZ	22.15	220	iPd	24	25.00	4.7X
	1.0s	75.00nm			5.1mb	
BNG	27.08	303	ePd	25	07.90	0.6
	1.3s	32.00nm			4.9mb	
			id	25	24.70	
SUR	28.58	218	e(P)	25	29.00	8.0X
	1.0s	80.00nm			5.5mb	
GBA	43.35	57	Pc	27	26.00	-0.7
	1.0s	40.50nm			5.1mb	
QUE	47.64	31	eP	28	02.50	1.5
KIC	48.74	288	eP	28	18.40	8.8X
SPC	62.42	345	eP	29	48.70	0.7
LSA	62.70	49	eP	29	47.80	-2.7
CHG	64.08	63	iPd	29	58.60	-0.7
	1.0s	14.50nm			5.1mb	
KHC	64.35	340	eP	30	00.00	-0.5
WMQ	68.78	34	P	30	29.00	0.1
NUR	72.20	352	iP	30	49.00	-0.1
	0.8s	13.20nm			5.1mb	
UPP	72.82	348	iP	30	52.70	-0.1
GTA	73.78	44	P	30	58.80	-0.3
SUF	74.13	353	eP	31	01.00	0.7
	0 8s	10.40nm			4.9mb	
NB2	75.34	345	P	31	06.80	-0.7
	0.7s	1.60nm			4.2mb	
KJF	75.39	354	iP	31	07.50	-0.1
	1.0s	20.00nm			5.1mb	
SOD	78.59	354	iP	31	26.00	0.6
SPA	79.36	180	e(P)	31	32.70	2.8
SOB1	80.59	262	eP	31	40.80	3.5X
			e	31	49.60	
HHC	82.55	46	eP	31	47.00	-0.1
BJI	85.60	48	eP	32	03.00	0.6
WRA	89.35	110	Pc	32	20.60	-0.4
	1.0s	8.80nm			5.0mb	
SJG	109.58	285	iPdiff	33	58.30	5.7X
INK	122.38	358	ePKP	38	16.00	-2.8X
EUR	144.86	328	iPKP	39	02.00	0.0
	0.8s	11.80nm				
GSC	148.36	324	ePKP	39	11.00	3.4X
GLA	148.67	319	ePKP	39	14.00	5.9X
ISA	149.03	327	ePKP	39	15.00	6.3X
SBB	149.39	325	ePKP	39	15.00	5.8X
MWC	149 85	324	ePKP	39	11.00	0.9
BAR	150.09	320	ePKP	39	17.00	6.7X

S.D. = 1.1 on 25 of 37 obs.

• JUN 24, 1985 14h 23m 51.46± 0 74s
10.600 S ±16.6km 41.148 E ±16.0km
DEPTH = 10.0km (geophysicist)
4.6mb (4 obs.)
NORTHWEST OF MADAGASCAR (574)

CLK	7.85	229	ePn	25	50.00	1.5
			eSn	27	14.00	
MTD	11.14	235	ePn	26	34.00	0 0
KRI	12.80	240	ePn	26	55.00	-1 5
			iSn	29	09.00	
GBA	43.30	57	Pc	31	55.40	0 0
NUR	72.08	352	iP	35	17.00	-0 5
SUF	74.01	353	iP	35	29.40	0 6
	0.7s	6.80nm			4.8mb	
NB2	75.22	345	P	35	35.40	-0.5
	0.6s	1.00nm			4.0mb	
KJF	75.28	354	iP	35	37.00	0.9
	0.8s	11.70nm			5.0mb	
WRA	89.40	110	Pc	36	49.90	-0.4
	0.6s	1.50nm			4.4mb	

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

JUN 24, 19B5 16h 20m 09.63± 0.23s
1.896 S ± 4.4km 78.102 W ± 5.7km
DEPTH = 33.0km (normal)
5.2mb (29 obs.)
ECUADOR (107)
Felt (V) at Bahia de Caraquez and (II) at Quito.

OUR	1.76	346	iP	20	39.00	0.3
			iS	20	53.20	
PSO	3.16	14	eP	21	00.50	1.9
BOG	7.63	32	eP	22	05.00	3.3X
			eS	23	54.00	
BMG	10.22	29	eP	22	37.00	-0.3
HUA	10.45	165	eP	22	37.60	-3.1X
			e(S)	25	08.00	
UPA	10.90	352	ePd+	22	47.70	1 2
	1.0s	82.00nm			5.9mb	X
UAV	12.53	34	eP	23	16.00	7.3X
SDV	13.04	35	eP	23	16.90	1.4
LGN	13.76	29	eP	23	32.00	7.2X
ARE	15.87	156	eP	23	54.00	1.4
ZOBO	17.34	146	Pc	24	10.50	-0.9
	0.4s	43.33nm			4.9mb	
LPB	17.56	146	iPc	24	16.00	1.9
	1.2s	250.00nm			5.2mb	
			S	30	27.00	
			LR	32	12.00	
TRN	20.77	53	iPc	24	51.50	1.0
	1.2s	366.20nm			5.6mb	X
TPZ	21.49	156	iPc	25	13.10	14.9X
ANT	22.92	162	ePKP	25	14.00	2.1
SJG	23.10	30	iPc	25	14.20	0.4
PBJ	24.98	317	iP	25	34.50	2 6X
SLA	25.76	153	ePc	25	40.20	0.8
ATB	25.89	94	Pd	25	38.70	-1.8
VHO	26.44	317	iPc	25	47.00	1.2
TPM	29.24	316	iPc	26	13.00	1.9
TCA	31.95	158	ePc	26	33.80	-1.0
BAO	32.67	116	Pd	26	40.60	-0.8
PRM	36.01	354	iP	27	10.00	0.3
VAO	36.77	127	eP	27	14.80	-1.5
			e	27	20.80	
			e	27	31.80	
SOB1	37.71	103	eP	27	24.50	0 2
RSCP	37.95	350	eP	27	26.80	0.8
	1.0s	36.00nm			5.2mb	
JCT	38.27	329	iP	27	30.50	1.7
	1.1s	31.65nm			5.1mb	
BLA	38.97	357	eP	27	34.30	-0.2
	1.2s	34.38nm			5.0mb	
BHO	39.37	338	eP	27	37.00	-0.9
	1.0s	9.50nm			4.5mb	
LTX	39.53	324	iP	27	41.00	1.6
	1.0s	9.60nm			4.5mb	
CVL	39.68	360	P	27	40.60	0.2
POW	39.77	343	P	27	40.40	-0.8
ITR	40.06	101	eP	27	39.60	-4.3X
	1.1s	25.70nm			4 9mb	
RLO	41.02	339	eP	27	50.60	-0 9
TUL	41.08	338	eP	27	52.50	0 6
	1.0s	45.10nm			5.2mb	
FVM	41.29	345	iP	27	52.50	-1 1
	1.0s	40.00nm			5.1mb	

24d 16h

OCO	41.40	336	eP	27 55.50	0.9
TBR	42.98	4	P	28 08.60	1.2
ALQ	45.26	327	eP	28 26.00	-0.2
	0.9s	63.03nm			5.5mb
SKLY	45.78	4	P	28 30.80	1.0
PTN	46.35	3	P	28 36.00	1.7
RSNY	46.35	4	eP	28 35.10	0.7
	1.0s	50.00nm			5.4mb
OTT	47.13	2	eP	28 40.00	-0.5
MNT	47.36	4	eP	28 42.00	-0.3
	0 8s	47.00nm			5.5mb
GLD	48.33	332	eP	28 51.00	0.8
	1.0s	60.00nm			5.6mb
GOL	48.36	332	eP	28 50.20	-0.4
	1.0s	10.00nm			4.8mb
GLA	49.08	318	eP	28 56.00	0.0
RMU	49.33	325	eP	28 58.00	0.0
BAR	50.11	317	eP	29 04.00	0.1
TPC	50.53	319	eP	29 08.00	0.9
PLM	50.63	317	eP	29 11.00	3.0X
MSU	51.02	326	P	29 11.00	0.1
			pP	30 25.00	357kmX
LHC	51.04	350	eP	29 09.00	-1.6
RVR	51.35	318	eP	29 14.00	0.7
RSSD	51.35	336	iP	29 13.40	0.0
	1.0s	35.00nm			5.3mb
SDW	51.51	318	P	29 15.00	0.4
DAU	51.85	328	P	29 17.30	-0.1
MWC	51.94	317	eP	29 16.00	-2.0
SBB	52.06	318	eP	29 18.00	-0.7
DUG	52.54	327	P	29 22.50	0.2
CLC	52.58	319	eP	29 23.00	0.4
BDW	52.74	331	eP	29 23.00	-0.9
	1.0s	11.80nm			4.8mb
ISA	53 06	319	eP	29 26.00	-0.2
WKTM	53.12	319	P	29 27.00	0.4
SYP	53 42	317	eP	29 29.00	0.1
EUR	53.86	324	iP	29 32.00	-0.1
	1.0s	7.69nm			4.7mb
RSON	54 22	348	iP	29 32.10	-2.2
	0.6s	16.69nm			5.2mb
IMW	54.24	331	P	29 34.40	-0.5
TMI	54.29	330	P	29 34.00	-1.2
MNA	54 52	322	eP	29 37.30	0.4
PRI	54 79	318	eP	29 38.60	-0.3
HPI	55.17	330	P	29 41.60	-0.2
BMN	55.20	324	iP	29 42.00	0.1
	1.0s	9.75nm			4.8mb
JAS1	55.65	320	eP	29 45.00	0.0
SLD	55.68	319	P	29 46.30	1.1
MHC	56.11	319	eP	29 48.00	-0.5
GCC	56.17	318	eP	29 48.00	-0.7
ORV	57.28	321	eP	29 56.30	-0.3
WDC	58.52	321	eP	30 02.50	-2.7
SES	59.23	336	eP	30 10.00	-0.1
	1.0s	60.00nm			5.7mb
FFC	59.77	344	eP	30 12.00	-1.7
	1.1s	40.00nm			5.5mb
PNT	62.30	331	eP	30 31.00	0.1
	0.9s	93.00nm			5.9mb
EDM	62.32	337	eP	30 29.00	-2.0
	1.0s	61.00nm			5.7mb
PGC	63.82	328	eP	30 42.00	1.1
FRB	65.86	5	eP	30 52.00	-1.8
YKA	69.88	343	eP	31 18.30	-0.7
KIC	73.69	83	iP	31 40.90	-1.8
INK	79.59	342	eP	32 15.00	0.3
	0.9s	35.00nm			5 4mb
MBC	81.49	351	ePc	32 24.00	-0.6
	1.0s	60.00nm			5.6mb
FBA	83 21	336	P	32 33.70	0.0
	1.0s	20.00nm			5.2mb
ALE	84.60	2	eP	32 40.00	-0.4
	1.1s	22.00nm			5.3mb
IMA	85 90	337	P	32 48.80	1.4
SPA	88.12	180	iPd	32 59.30	1.1
	1.0s	101.00nm			6.1mb
SBA	93.32	191	e(P)	33 22.10	0.1
BNG	96.77	86	iPc	33 38.90	-0.2
MHI	127.99	44	ePKP	39 15.00	0.5
MAT	131.92	320	ePKP	39 13.00	-8.8X
BJI	139 88	343	ePKP	39 36.00	-0.6
HHC	140.25	349	ePKP	39 37.00	-0.4
WRA	141.48	234	PKP	39 36.00	-4.1X
	0.8s	2.30nm			
GTA	142.61	3	ePKP	39 36.70	-5.0X
WBN	143.32	219	ePKP	39 39.00	-4.1X
NDI	144.45	39	iPKPd	39 43.00	-2.0
SSE	145.70	330	ePKP	39 47.00	0.0
	1.0s	53.00nm			
LZH	145.93	357	PKPc	39 47.50	0.0
	1.0s	386.00nm			
XAN	147.36	349	ePKP	39 49.70	0.0
KKN	149.74	30	ePKP	39 53.60	-0.2
	1.0s	30.00nm			
DMN	149.80	31	ePKP	39 54.40	0.4
	1.0s	26 00nm			
PKI	149.98	30	ePKP	39 54 60	0.3
	1.0s	26 00nm			
LSA	150.52	19	ePKP	39 53.60	-1.6
CD2	151.09	357	ePKP	39 57.00	1.5
HYB	152.36	55	ePKP	39 59.00	1.3
GBA	153.15	63	PKPd	39 58.80	0.0
	1.0s	24.00nm			
	S.D. = 1.0 on 102 of 114 obs.				
	JUN 24, 1985 16h 51m 14.25± 0.76s				
	8.876 N ± 8.8km 77.344 W ± 6.1km				
	DEPTH = 33.0km (normal)				
	PANAMA-COLOMBIA BORDER REGION (82)				
UPA	2.17	273	iPc	51 49.00	0.3
	0.8s	1776.12nm			
			iS	52 14.00	
UAV	6.13	92	ePn	52 46.00	0.8
SDV	6.63	89	iPnd	52 51.80	-0.4
	0.5s	32.80nm			5.4mb
TOV	7.51	82	ePn	53 04.00	-0.3
PCJ	8.81	1	eP	53 22.60	0.2
STH	9.16	3	iPd	53 27.36	0.1
GWJ	9.16	4	iP	53 27.90	0.5
BBJ	9.45	0	iP	53 30.97	-0.3
YKA	59.94	341	eP	01 18.90	-0.4
INK	69.69	341	eP	02 22.00	-0.4
WRA	147.46	247	PKPd	10 59 40	4.7X
	0.6s	4.10nm			
	S.D. = 0.5 on 10 of 11 obs.				
?	JUN 24, 1985 17h 46m 21.68± 1.91s				
	47.832 N ±13.7km 129.014 W ±21.8km				
	DEPTH = 10 0km (geophysicist)				
	4.0mb (5 obs.)				
	OFF COAST OF WASHINGTON (26)				
BFW	4.18	107	eP	47 22.50	-4.4X
MCW	4.22	76	eP	47 25.00	-2.4
LON	5.02	100	eP	47 47.50	8.6X
BMN	11.24	127	eP	49 05 50	0.0
EUR	12.59	127	eP	49 24 00	0.2
	1.0s	9.62nm			5.0mb
BDW	14.58	103	eP	49 51 00	1.0
	1.1s	4.71nm			4.0mb
YKA	16.77	24	eP	50 23.10	5.2X
FFC	18.19	58	eP	50 37.00	1.4
	1.3s	17.00nm			4.0mb
INK	20.64	355	eP	51 03.00	-0.5
ALQ	21.17	119	eP	51 08.70	-0.8
	1.0s	4.50nm			3.8mb
RSON	23.07	69	eP	51 29.30	1.3
	1.0s	4.50nm			4.0mb
LTX	26.89	124	eP	52 04.50	-0.1
	S D. = 1.4 on 9 of 12 obs.				
•	JUN 24, 1985 17h 54m 16.83± 2.02s				
	37.487 S ± 9.6km 179.393 E ±15.5km				
	DEPTH = 47.9 ± 15.7 km				
	4.8mb (2 obs.)				
	OFF E. COAST OF N. ISLAND, N.Z. (160)				
GNZ	1.58	223	P	54 42.00	-0.8
			S	55 03.00	
WTZ	1.97	255	P	54 49.20	0.9
TUA	2.21	233	P	54 51.30	-0.4
KRP	3.09	261	P	55 05.00	0.8
GBZ	3.38	291	P	55 05.00	-3.4X
WEL	5.22	222	P	55 28.00	-6.3X
			S	56 29.00	
CRZ	6.24	297	eP	55 49.00	0.3
COB	6.29	233	P	55 45.00	-4.4X
			S	56 57.00	
KAI	7.93	228	P	56 18.00	5.8X
			S	57 39.00	
CMZ	7.97	218	P	56 07.40	-5.4X
			S	57 32.00	
OMZ	9.90	217	P	56 31.00	-8.3X
			S	58 16.00	
NOU	18.80	320	iPc	58 43.20	8.2X
KOU	21.38	318	iPc	59 01.60	-0.6
PVC	21.95	331	iPd	59 17.50	9.5X
BRS	24.54	286	iPc	59 35.00	1.7
			e	59 42.00	
AFI	24.76	21	(P)	59 35.00	-0.5
CTA	33.60	292	eP	00 54.00	-0.7
			eS	06 49.00	
DRV	36.80	205	eP	01 23.00	1.6X
SBA	40.83	184	e(P)	01 54.10	-0.7
ASPA	41.13	276	eP	01 57.00	-1.0
	0.6s	19.00nm			5.0mb
WRA	42.76	281	Pd	02 09.40	-2.0
	0.6s	8.40nm			4.6mb
SPA	52.70	180	e(P)	03 28.50	-0.1
MAW	64.94	202	eP	04 54.00	0.8
MBC	119.79	14	ePKP	12 58.00	-4.0X
	0.8s	9.00nm			
			pP	13 07.50	
SOD	146.35	341	iPKP	13 50.60	-0.9
KJF	148.36	337	iPKP	13 55.50	0.7
	0.7s	16.00nm			
KIC	148.79	172	ePKP	13 57.90	0.9
			e	14 07.80	
SUF	149.90	336	iPKP	13 59.00	1.8
	0.5s	10.20nm			
NUR	151.96	333	iPKP	14 04.30	3.9X
	0.7s	20.00nm			
UPP	154.75	338	iPKP	14 24.50	20.3X
NB2	155.28	346	PKP	14 27.00	22.0X
	1.2s	8.80nm			
	S.D. = 1.1 on 18 of 31 obs.				
?	JUN 24, 1985 18h 19m 56.24± 2.12s				
	10.170 S ±28.8km 40.423 E ±39.6km				
	DEPTH = 10 0km (geophysicist)				
	TANZANIA (573)				
CLK	7.63	224	iPn	21 50.30	0.1
			iSn	23 14.00	
MTD	10.82	232	iPn	22 35.00	0.6
			iSn	24 34.00	
			eLg	25 45.00	
KRI	12.42	237	iPn	22 56.00	-0.1
			iSn	25 14.00	
LSZ	12.97	246	iP	23 03.40	-0.1
			i	23 10.50	
			iS	25 21.40	
BUL	15.10	228	ePn	23 31.00	-0.5
			iSn	26 19.00	
SUF	73.50	353	iP	31 41.90	11.3X
	0.4s	1.50nm			
KJF	74.78	354	eP	31 38.00	0.0
	S.D. = 0.5 on 6 of 7 obs.				
•	JUN 24, 1985 21h 19m 41.68± 0.51s				
	17.038 N ± 8.8km 62.458 W ± 9.8km				
	DEPTH = 33.0km (normal)				
	4.5mb (4 obs.)				
	LEEWARD ISLANDS (92)				
SJG	3.68	287	iPc	20 38.00	0.3
TRN	6.43	171	iPc	21 16.40	-0.2
	0.7s	171.60nm			5.9mb X
SOB1	33.69	139	e(P)	26 09.00	-13.1X
ITR	34.96	135	eP	26 28.00	-5.0X
FRB	46.85	356	eP	28 10.00	-0.1
KIC	57.32	93	eP	29 28.90	-0.4
YKA	57.96	334	eP	29 33.10	0.1
EKA	58.80	35	P	29 40.00	1.0
	0.9s	2.70nm			4.4mb
ALE	65.50	0	eP	30 22.50	-0.9
	0.8s	5.00nm			4.7mb
MBC	65 93	347	eP	30 26.00	-0.2
INK	67.30	338	eP	30 35.00	0.0
NB2	67.34	30	P	30 34.80	-0.6
	1.0s	3.00nm			4.3mb
BNG	80.13	88	iPd	31 51.70	1.0
	0.4s	3.00nm			4.6mb
	S.D. = 0.7 on 11 of 13 obs.				
•	JUN 24, 1985 21h 40m 35.77± 0.73s				
	37.324 N ±11.7km 126.572 E ± 8.3km				
	DEPTH = 33.0km (normal)				
	4.0mb (2 obs.)				

SOUTH KOREA (231)
Felt (III JMA) at Inchan, (II JMA) at Seaul and (I JMA) at Chunchan.

SEO	0.40	52	iPd	40 44.00	-0.8
DL2	4.21	294	Pg	41 49.80	10.6X
			Sg	42 46.00	
SNY	5 06	334	Pg	42 08.40	17.2X
			Sg	43 11.60	
SHK	5.68	118	eP	41 59.80	-0.3
CN2	6.53	353	ePn	42 10.00	-1.9
			Pg	42 35.40	
			Sn	43 24.40	
			Sg	43 58.50	
SSE	7.65	217	eP	42 23.50	-4.1X
			Lg	44 26.20	
TIA	7.66	265	ePn	42 25.90	-2.0
			Pg	42 52.80	
			Sg	44 21.80	
BJI	8.57	292	eP	42 43.00	2.5
			eLg	45 09.00	
MAT	9.35	91	(P)	42 11.00	-40.3X
XAN	14.71	262	eP	44 03.40	0.1
CD2	19.92	258	P	45 07.90	0.3
GYA	20.04	243	P	45 08.20	-0.7
GTA	21.06	284	eP	45 19.30	-0.1
KMI	23.66	246	eP	45 45.00	-0.3
WRA	57.43	171	P	50 24.00	0.4
	0.6s		0.70nm		3.9mb
NB2	68.82	332	P	51 38.60	0.0
	0.7s		1.60nm		4.2mb
YKA	69 13	26	eP	51 43.20	2.9

S.D = 1.5 on 13 of 17 obs.

• JUN 24, 1985 22h 05m 50.97± 0.92s
0.374 S ±11.2km 80.244 W ±17.1km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)

NEAR COAST OF ECUADOR (105)

OUR	1.73	83	iPc	06 20.00	0.5
			iS	06 46.30	
BOG	7.92	51	eP	08 10.00	22.9X
UPA	9.32	4	e(P)	08 09.00	2.9
	1.9s	210.53nm			6.0mb X
HUA	12.58	157	eP	08 52.70	1.8
ZOBO	19.81	143	ePc	10 23.00	0.6
LPB	20 03	144	eP	10 25.00	0.4
			LR	19 20.00	
CNCB	20.32	144	eP	10 28.00	0.2
TPZ	23.79	153	eP	11 19.00	16.8X
JCT	35.88	330	eP	12 55.20	5.1X
	1.1s	6.33nm			4.5mb
SOB1	40.14	104	eP	13 24.10	-1.8
ITR	42.47	103	eP	13 43.70	-1.3
ALQ	42.83	328	eP	13 47.50	-0.4
	0.9s	7.35nm			4.4mb
KIC	75.64	83	eP	17 34.40	-0.9
INK	77.49	342	eP	17 44.00	-0.6
MBC	79.67	351	eP	17 55 00	-1.3

S.D. = 1.5 on 12 of 15 obs.

JUN 24, 1985 22h 21m 38.46± 0.22s
8.828 S ± 4 6km 79.137 W ± 4.8km
DEPTH = 60.8km (18 depth phases)
5.3mb (52 obs.)

NEAR COAST OF NORTHERN PERU (109)
Felt strongly at Chimbote and Trujillo and slightly at Lima.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 20C
Centroid Location:
Origin Time 22:21:43.3 0.5
Lat 9 09S 0.08 Lon 79.43W 0.12
Dep 45.0 6.9 Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr=-3.55 0.56 Mtt= 1.40 0.49
Mff= 2.15 0.97 Mrt=-3.69 0.62
Mrf= 2.60 0.98 Mtf=-2.95 0.49
Principal Axes:

	Val=	Plg=	Azm=
T	6.67	24	225
N	-1.01	10	130
P	-5.65	64	19

Best Double Couple:Mo=6.2*10**23
NP1:Strike=334 Dip=23 Slip= -64
NP2: 127 69 -100

OUR	8.62	4	eP	23 45.00	1.5
PSO	10.12	10	eP	24 04.50	0.6
ARE	10.64	136	eP	24 20.00	9.0X
ZOBO	13.04	126	Pc	24 43.00	-0.4
	1.0s	70.00nm			5.4mb
LPB	13.21	127	eP	24 46 00	0.6
			i	25 07.00	
			(S)	28 29.00	
			LR	30 04.00	
CNCB	13 46	127	eP	24 46.00	-2.8
			i	24 58.00	
			(S)	28 27.00	
BOG	14.29	21	eP	25 09.00	9.6X
			eS	27 53.00	
BMG	16.91	21	eP	25 34.00	1.3
UPA	17.70	359	eP	25 48.80	6.4X
	1.2s	81.25nm			4.8mb
SDV	19.53	26	eP	26 04.50	0.4
LGN	20.41	23	eP	26 20.00	6.9X
SLA	20.48	142	ePc	26 16.00	2.0
TCA	26.17	151	ePc	27 09.50	0.3
TRN	26.19	43	eP	27 10.20	0.9
	1.0s	56.00nm			5.1mb
ATB	27.31	80	Pd	27 19.40	-0.2
SJG	29.68	26	iPd	27 40.40	-0.5
BAO	31.15	106	Pd	27 53.80	-0.3
			e	28 07.20	53km
VHO	31.20	326	iPc	27 55.00	0.5
VAO	33.89	118	eP	28 16.40	-1.4
			e	28 17.80	5kmX
			e	28 21.30	
			e	28 29.70	
TPM	33.91	325	iPc	28 20.50	2.4X
SOB1	37.76	94	eP	28 51.30	0.6
			e	29 13.60	95kmX
ITR	40.22	93	eP	29 10.50	-0.6
	0.9s	22.60nm			5.0mb
			e	29 27.70	69km
			e	29 32.70	
			e	29 33.80	
JCT	43.83	334	iP	29 41.10	0.7
	1.0s	22.50nm			4.9mb
			epP	29 57.50	65km
RSCP	44.60	353	iP	29 46.20	-0.3
	1.0s	140.00nm			5.7mb
LTX	44.70	329	eP	29 48.00	0.5
	1.0s	6.00nm			4.4mb
			epP	30 04.00	63km
BHO	45.49	342	iPd	29 54.30	0.8
	1.2s	65.90nm			5.4mb
BLA	45.81	359	P	29 56.00	-0.1
	0.9s	26.17nm			5.1mb
TUL	47.19	342	iPd	30 07.10	0.2
	0.8s	172.80nm			6.0mb
			e	30 22.00	57km
RLO	47.19	342	iPd	30 07.40	0.4
OCO	47.39	340	ePd	30 08.90	0.4
FVM	47.75	348	iP	30 10.80	-0.5
	0.9s	55.08nm			5.5mb
			epP	30 26.00	59km
ALQ	50.62	331	eP	30 33.20	-0.5
	1.0s	27.50nm			5.2mb
			epP	30 50.00	66km
RSNY	53.29	4	eP	30 53.20	-0.1
	1.0s	38.00nm			5.4mb
GLA	53.74	323	iP	30 57.20	0.3
			ipP	31 13.00	60km
GLD	54.04	335	eP	30 59.20	0.1
	1.2s	44.44nm			5.4mb
			epP	31 15.00	60km
OTT	54.06	3	eP	30 57.50	-1.3
GOL	54.06	335	iP	30 59.20	-0.2
	1.0s	5.00nm			4.5mb
			epP	31 15.00	60km
MNT	54.31	5	iP	31 00.00	-0.7
BAR	54.62	321	eP	31 02.00	-1.3
PLM	55.19	321	eP	31 08.00	0.4
TPC	55.21	323	eP	31 08.00	0.4
RVR	55.94	322	eP	31 13.00	0.2
GSC	56.48	323	eP	31 17.00	0.2
SBB	56.68	322	eP	31 18.00	-0.2
CLC	57.30	323	eP	31 22.00	-0.6
RSSD	57.32	339	iP	31 22.30	-0.5
	1.1s	40.70nm			5.4mb
			epP	31 38.80	62km
LHC	57.69	352	eP	31 23.00	-1.9
ISA	57.73	322	eP	31 25.00	-0.5
BDW	58.38	334	eP	31 29.00	-1.2
	1.0s	14.40nm			5.1mb
			ipP	31 45.20	61km
PRI	59.38	321	eP	31 37.40	0.3
MNA	59.42	325	eP	31 37.90	0.5
			epP	31 54.30	62km
LLA	59.86	322	eP	31 40.00	-0.2
PRS	59.94	321	ePd	31 41.00	0.2
BMN	60.31	327	iP	31 44.00	0.6
	1.2s	16.13nm			5.0mb
			ipP	32 00.00	60km
JAS1	60.40	323	eP	31 44.00	0.1
MHC	60.75	322	ePd	31 46.70	0.3
GCC	60.77	321	eP	31 46.30	-0.1
RSON	60.77	349	iP	31 44.80	-1.4
	0.9s	23.11nm			5.3mb
			epP	32 02.00	65km
ORV	62.10	324	ePd	31 56.10	0.7
			ipP	32 12.40	61km
			esP	32 21.80	
WDC	63.38	324	ePd	32 02.30	-1.5
			epP	32 17.30	54km
SCH	64.25	8	eP	32 08.00	-1.3
SES	65.17	338	ePd	32 14.80	-0.6
	1.2s	108.00nm			5.7mb
NEW	65.98	333	eP	32 20.00	-0.5
FFC	66.16	346	iPd	32 20.80	-0.7
	1.1s	22.00nm			5.1mb
PNT	67.87	333	ePd	32 33.00	0.5
	0.9s	23.00nm			5.2mb
EDM	68.31	339	iPd	32 34.00	-1.2
	1.0s	82.00nm			5.7mb
FRB	72.81	5	ePd	33 01.60	-0.4
KIC	75.67	81	iPd	33 20.40	0.8
YKA	76.19	344	eP	33 21.80	0.2
AVE	79.85	54	iP	33 44.00	1.7
			i	34 11.50	106kmX
SPA	81.23	180	iPd	33 51.00	1.9
	1.1s	60.12nm			5.5mb
			e	34 07.60	59km
CRT	83.95	51	iPc	34 06.70	3.1X
TOL	84.36	48	iPd	34 07.00	1.5
	1.2s	7.00nm			4.6mb
INK	85.83	342	iPd	34 12.50	0.3
	1.1s	71.00nm			5.7mb
SBA	86.36	191	e(P)	34 15.80	1.0
AKU	86.59	21	iP	34 17.90	1.9
	1.2s	31.25nm			5.4mb
MBC	88.13	351	ePd	34 23.50	0.3
	1.3s	101.00nm			5.9mb
			pP	34 47.50	89kmX
EPF	88.36	46	eP	34 24.80	-0.2
	1.2s	22.00nm			5.3mb
LPF	88.64	41	eP	34 25.10	-1.1
	0.9s	24.20nm			5.4mb
GRR	88.84	41	eP	34 26.40	-0.8
	1.0s	13.00nm			5.2mb
MLS	88.87	46	eP	34 28.20	0.7
MFF	88.87	43	eP	34 27.00	-0.3
	1.0s	28.00nm			5.5mb
LFF	89.08	44	eP	34 27.60	-0.7
	1.2s	36.60nm			5.5mb
FLN	89.18	40	eP	34 28.20	-0.5
	1.0s	25.60nm			5.5mb
EKA	89.33	34	Pc	34 30.00	0.7
	1.8s	72.80nm			5.7mb
LPO	89.33	45	eP	34 28.90	-0.7
	1.2s	20.20nm			5.3mb
LDF	89.37	41	eP	34 28.90	-0.7
	1.0s	28.00nm			5.5mb
RJF	89.70	44	eP	34 30.40	-0.9
LSF	89.92	43	eP	34 31.40	-0.9
	1.0s	12.30nm			5.1mb
CAF	89.99	45	eP	34 31.70	-1.0
	1.2s	14.80nm			5.1mb
TCF	90.39	43	eP	34 33.40	-1.1
	1.0s	10.00nm			5.1mb
MZF	90.62	43	eP	34 34.60	-0.9
	1.0s	14.80nm			5.3mb
BGF	90.87	43	eP	34 36.00	-0.7
	1.0s	18.00nm			5.4mb
GRC	91.18	42	iPc	34 38.30	0.3
AVF	91.26	43	eP	34 37.30	-1.1
	1.2s	15.40nm			5.3mb
ALE	91.52	2	ePd	34 39.10	0.1

24d 22h

	1.1s	34.00nm		5.7mb		
SMF	91.56	43 eP	34	39.00	-0.8	
	1.0s	12.00nm		5 3mb		
LOR	91.69	43 eP	34	39.30	-1.2	
	1.2s	11.90nm		5.2mb		
DAG	92.05	12 iPc	34	41.80	0.3	
	0.7s	23.97nm		5.7mb		
DOU	92.70	40 P	34	45.60	0.6	
LPG	93.36	45 eP	34	48 60	0.1	
	1.1s	7.90nm		5.1mb		
WLF	93.62	40 Pc	34	50.40	1.2	
ENN	93.65	39 eP	34	50.50	1.2	
	1.0s	19.00nm		5.5mb		
CDF	94.16	42 eP	34	50.90	-1.0	
WTS	94.40	38 eP	34	54.00	1.3	
	1.0s	12.00nm		5.3mb		
GWF	94.47	41 iPc	34	53.60	0.4	
NB2	97.82	29 P	35	08.80	0.6	
	1.0s	5.50nm		5.0mb		
CLL	98.16	39 e(P)	35	11.00	1.2	
KHC	98.38	42 P	35	12.50	1.6	
BRG	98.72	40 eP	35	13.60	1.2	
HFS	99.00	30 ePKP	35	13.30	-0.1	
	0.8s	3.40nm		4.9mb		
UPP	100.97	31 iPdiff	35	22.10	-0.2	
CTA	126.89	237 iPKPc	40	38.20	0.3	
	1.0s	14.00nm				
MHI	133 55	47 ePKP	40	50.00	-0.3	
WB2	136 36	229 iPKPd	40	55.80	-0.1	
		e	41	12.70		
WRA	136.37	229 PKPd	40	53.60	-2.4	
	0.8s	14.60nm				
OUE	141.85	51 ePKP	41	02.50	-3.5X	
WMO	143 30	16 PKP	41	04.00	-3.9X	
DL2	144 72	331 ePKP	41	07.30	-3.0	
NAU	145.68	204 ePKP	41	13.00	0 6	
BJI	146.05	339 ePKP	41	12.00	-0.5	
HHC	146.72	345 PKPc	41	14.60	0.9	
BTO	147.33	347 ePKP	41	15.60	0.9	
TIA	148.98	334 ePKP	41	17.30	0.0	
TIY	149.40	342 ePKP	41	18.60	0 6	
GTA	149.53	2 PKPc	41	19.40	1.1	
AAI	150.05	247 ePKPc	41	24.70	5.1X	
NDI	150.26	45 ePKP	41	20.00	0.5	
	0.8s	70.90nm				
SSE	150.85	322 PKP	41	20.50	0.2	
LZH	152.73	355 PKPd	41	23.50	0.4	
	1.5s	114.00nm				
XAN	153.84	345 PKP	41	24.30	-0.3	
PKN	156.08	36 iPKP	41	28.60	0.6	
	0 8s	30.00nm				
DMN	156.11	37 iPKP	41	28.90	0.8	
	0 9s	16.00nm				
KKI	156.32	36 iPKP	41	28.70	0.2	
	1.0s	24.00nm				
GBA	156.54	76 PKPc	41	30.60	2.0X	
	0 6s	7.30nm				
LSA	157.33	22 ePKP	41	29.50	-0.4	
KMI	163.70	354 PKPc	41	37.50	1.1	
	S.D = 0.9	on 127 of 137 obs.				

JUN 24, 1985 22h 53m 29.77± 0.62s
36.564 N ± 5.0km 22.309 E ± 2.6km
DEPTH = 57.1 ± 5.3 km
4.4mb (35 obs.)
SOUTHERN GREECE (368)
Felt in southern Greece.

ATH	1.80	38 ePn	54	00.00	1.1	
		eSn	54	26.50		
VLS	2.11	320 ePn	54	03.50	0.2	
		eSn	54	32.50		
		eSg	54	39.50		
NPS	2.98	115 ePb	54	16.10	0.5	
		ePg	54	22.00		
LIT	3.53	2 eP	54	24.00	0.6	
KZN	3.76	354 ePn	54	28.50	1.8	
THE	4 09	7 eP	54	32.10	0.9	
PRK	4.12	48 ePn	54	32.20	0.6	
IZM	4.34	64 iPn	54	34 60	-0.3	
EZN	4 54	43 iPn	54	35.90	-1 6	
SRS	4 66	12 eP	54	39.00	-0.2	
OHR	4.69	346 iPn	54	40.30	0.6	
VAY	4.75	2 iPn	54	41.40	0 8	
		iSn	55	38.70		
YER	4.82	81 iPn	54	43.00	1.3	
MMB	5.14	12 iPgc	54	46.00	0.0	

SKO	5.44	353 iPnd	54	49.40	-0.8	
Z	11s	8.70um				
N	11s	9.40um				
E	10s	14.30um				
		iPg	55	12.00		
		iSn	55	49.00		
		i	56	00.20		
		iSg	56	16.50		
KGT	5.51	44 iPn	54	51 20	0.0	
KDZ	5.59	24 iPd	54	52 00	-0.4	
MFT	5.74	41 iPn	54	54.20	-0.2	
EDC	5.77	47 iPn	54	57.90	3.1X	
DST	5.84	57 iPn	54	55.70	-0 1	
PLD	5.84	18 eP	54	57.00	1.3	
KCT	6.01	50 iP	54	58.20	0.0	
DIM	6.03	24 eP	54	58.00	-0.5	
VTS	6.07	6 eP	55	00.00	1.1	
CTT	6.61	44 iP	55	06.70	0.1	
BCK	6.69	80 ePn	54	10.70	-57.0X	
JMB	6.76	28 iPd	55	08.00	-0.6	
ISK	6.93	47 eP	55	09.20	-1.7	
PVL	6.93	18 iPc	55	12.00	1.0	
HRT	7.15	51 iP	55	14.20	0.0	
CMP	8.94	13 ePd	55	39.00	0.2	
CSS	9.10	97 eP	55	40.00	-1.0	
CVO	9.70	16 ePd	55	50.00	0.8	
CEY	10.92	330 iP	56	01.40	-4.4X	
		iS	57	59.40		
LJU	11.12	331 eP	56	04.00	-4.5X	
		eS	58	04.40		
TRI	11.17	327 iPnc	56	05.00	-4.2X	
		iSn	58	04.70		
		e	59	59.50		
CRI	11.18	107 eP	56	09.50	0.1	
		eS	58	08.00		
VOY	11.37	329 ePd	56	07.60	-4.4X	
		eS	58	09.50		
SRO	11.62	347 eP	56	20.90	5.7X	
		e	57	48.50		
JER	11.69	110 iP	56	11.50	-4 8X	
		eS	58	11.50		
ZST	12.24	343 e(P)	56	26.00	2.5X	
PRNI	12.27	117 eP	56	19.00	-5.0X	
		eS	58	25.00		
KBA	12.44	330 i(P)	56	22.80	-3.5X	
	1.3s	60 00nm		5 4mb X		
		i	56	26.50		
		iPP	56	31.50		
		i	56	46.70		
		iS	58	39.30		
		i	59	07.20		
VKA	12.50	341 e(P)	56	25.00	-1.9	
		e(S)	58	38.00		
SPC	12.71	354 e(P)	56	42 00	12.2X	
BHG	13.15	331 eP	56	32.10	-3.4X	
OSS	13.59	322 eP	56	40.70	-0.7	
VDL	13.79	320 eP	56	44.50	0.4	
KHC	14.08	336 P	56	44.50	-3.2X	
		i	56	55.00		
		e	57	31.20		
		e	59	16.50		
FUR	14.16	328 eP	56	45.30	-3.4X	
LLS	14.29	320 eP	56	50.80	0.2	
MMK	14.33	316 eP	56	50.80	-0.5	
CDR	14.50	304 ePc	56	50.30	-2.9	
PRU	14.55	340 eP	56	52.50	-1.2	
Z	11s	3.00um				
N	13s	2.50um				
E	11s	1.90um				
		e	56	57.50		
		eS	59	30.00		
DIX	14 66	315 eP	56	56.60	1.0	
LPG	14.73	312 eP	56	56.40	0.0	
	1.0s	13.40nm		4.2mb		
ZUL	15.01	321 eP	56	59.10	-0.7	
SLE	15.15	322 eP	57	02.00	0.4	
RTB	15 17	98 eP	57	05.00	3.1X	
		e	00	05.00		
GRF	15.39	332 ePc	57	09.00	4.3X	
	1.2s	42.00nm		4 5mb		
Z	20s	1 60um				
HOF	15.67	335 eP	57	11.90	3 7X	
BUH	15.90	324 eP	57	08.70	-2.5	
ROF	15.91	319 eP	57	10.00	-1.3	
MOX	16.04	335 eP	57	15 00	2.1	
BSF	16.06	319 eP	57	12.30	-1.0	
	1.0s	31.10nm		4.4mb		

CLL	16.17	339 eP	57	13.00	-1.5	
	1.4s	38.00nm		4.3mb		
CDF	16.19	322 eP	57	14.60	-0.2	
	1.0s	21.60nm		4.2mb		
HAU	16.40	319 eP	57	17.20	-0.3	
	0.8s	19.10nm		4.3mb		
MSL	16.77	84 ePd	57	24 50	2.4	
TNS	16.93	328 eP	57	25 70	1.6	
SMF	17.06	312 eP	57	25.20	-0 5	
	1.0s	8.90nm		3.9mb		
LBF	17.15	313 eP	57	27 00	0.2	
	0.8s	6 40nm		3.8mb		
LOR	17.36	314 eP	57	28.80	-0.7	
	0.6s	3.90nm		3.7mb		
AVF	17.42	312 eP	57	29.20	-1.0	
	0.8s	8.30nm		3.9mb		
CAF	17.43	305 eP	57	29.60	-0.8	
	1.2s	29.70nm		4.3mb		
SSF	17.46	313 eP	57	31.80	1.1	
	0.8s	10.70nm		4.1mb		
WLF	17.57	323 Pc	57	34.00	2.0	
BGF	17.62	311 eP	57	31.20	-1.4	
	1.0s	17.30nm		4.2mb		
MZF	17.62	309 eP	57	31.20	-1.5	
	1.2s	27.50nm		4.3mb		
GRC	17.84	313 iPc	57	33.60	-1.7	
		i	57	43.80		
TCF	17.89	309 eP	57	34.40	-1.6	
	1.2s	22.00nm		4.2mb		
RJF	17.94	306 eP	57	36.00	-0.6	
	1.0s	21.60nm		4.3mb		
BNS	18.02	328 eP	57	38.80	1.3	
	1.3s	40.00nm		4.4mb		
EPF	18.05	298 eP	57	38.30	0.2	
	1.0s	14.00nm		4.1mb		
MEM	18.29	325 P	57	41.30	0.5	
		e	58	03.20		
LSF	18.30	308 eP	57	40.00	-1.0	
	0.8s	4.30nm		3.7mb		
LFF	18.32	304 eP	57	41.20	-0.1	
ENN	18.43	325 eP	57	43.50	0.9	
	1.2s	36.00nm		4.4mb		
DOU	18.62	322 P	57	44.60	-0.2	
	1.0s	105.00nm		5.0mb		
		S	01	18.10		
WTS	18.94	329 eP	57	50.00	1.3	
	1.1s	28.00nm		4.4mb		
HAM	18.98	337 ePc	57	51.00	1.8	
TAB	19.15	78 eP	57	50.00	-1.4	
UCC	19.19	323 P	57	53.00	1.5	
		e	58	03.00		
		S	01	27.00		
MFF	19.50	308 eP	57	55.20	0.3	
	1.0s	21.60nm		4.4mb		
WIT	19.62	331 eP	57	56.50	0.5	
DBN	19.71	327 eP	58	03.00	6.0X	
Z	20s	1.00um				
		eS	01	44.00		
TAF	20.15	272 eP	58	17.00	15.1X	
COP	20.27	344 eP+	58	07.00	4.2X	
		iS	01	50.00		
KER	20.31	89 eP	58	03.00	-0.6	
LDF	20.34	313 eP	58	03.60	-0.1	
	0.8s	10.70nm		4.2mb		
FLN	20.63	313 eP	58	06.20	-0.4	
	1.0s	24.00nm		4.5mb		
LPF	20.64	311 eP	58	07.20	0.5	
	0.8s	17.40nm		4.4mb		
GRR	20.69	312 eP	58	06.80	-0.4	
CRT	20.72	280 iPd	58	23.60	15.9X	
TOL	20.95	287 eP	58	09.50	-0.4	
		eS	02	07.00		
UPP	23.51	354 iP	58	34.90	-0.1	
		iS	02	46.00		
NUR	24.01	3 iP	58	39.20	-0.7	
		eS	02	53.00		
HFS	24.23	349 eP	58	41.40	-0.6	
	0.3s	8.10nm		4.7mb		
Z	12s	1.70um		4.7MszX		
		LR	08	43.00		
AVE	24.54	271 eP	58	52.00	6 7X	
NB2	25.49	347 P	58	53.40	-0.6	
	0.7s	7.90nm		4.5mb		
EKA	25.56	325 Pd	58	54.90	0.2	
	0.6s	21.80nm		4.8mb		
ESY	25.68	327 ePc	58	56.60	0.9	
EBL	25.78	326 ePc	58	57.20	0.5	

EDI	25.93	326	ePc	58	58.60	0.5
EAU	26.01	326	ePc	59	00.40	1.6
SHI	26.17	97	eP	59	01.00	0.3
EDU	26.25	328	ePc	59	01.60	0.6
EBH	26.28	327	ePc	59	01.30	0.0
SUF	26.29	4	iP	59	00.60	-0.7
	0.3s	5.70nm			4.6mb	
ELO	26.50	327	ePc	59	04.70	1.3
EAB	26.61	326	ePc	59	04.20	-0.1
KJF	27.86	5	eP	59	14.00	-1.6
MHI	29.80	79	eP	59	33.00	-0.5
SOD	30.95	3	iP	59	42.40	-0.7
BNG	32.16	187	iPd	59	54.60	0.4
	1.0s	20.00nm			4.9mb	
			ic	59	56.40	
			id	00	06.10	
KEV	33.35	3	eP	00	09.00	5.0X
QUE	37.56	86	eP	00	47.00	6.6X
KIC	38.93	226	eP	00	52.00	0.2
NAI	39.99	157	eP	01	07.00	6.2X
	1.0s	20.00nm			4.9mb	
NDI	46.38	83	iPd	01	52.50	0.3
			eS	08	35.00	
WMO	49.31	60	P	02	15.00	0.0
DMN	53.13	81	eP	02	43.80	-0.4
KKN	53.19	80	eP	02	43.70	-0.9
PKI	53.39	81	eP	02	45.40	-0.8
	0.9s	61.00nm			5.6mb	X
GBA	54.11	100	P	02	52.00	0.8
	0.5s	6.90nm			4.9mb	
LSA	56.96	75	eP	03	10.70	-1.5
FRB	58.27	328	eP	03	21.00	0.7
GTA	59.34	62	P	03	27.60	-0.7
SHL	59.45	79	eP	03	27.50	-1.8
SCH	60.59	318	eP	03	37.00	0.5
LZH	63.65	63	P	03	57.50	0.1
M8C	64.87	351	eP	04	05.00	0.5
	0.6s	4.00nm			4.6mb	
CD2	66.04	68	iPc	04	13.20	0.5
HHC	66.77	56	P	04	17.20	-0.2
KMI	68.18	74	eP	04	26.00	-0.5
XAN	68.29	63	P	04	26.50	-0.4
CHG	68.51	82	eP	04	08.50	-19.9X
BJI	70.22	54	eP	04	38.00	-0.6
GYA	70.50	71	P	04	40.40	-0.2
ITR	72.58	245	eP	04	54.60	1.5
TIA	72.89	57	eP	04	54.00	-0.6
CN2	73.94	47	Pd	05	00.20	-0.4
SOB1	74.69	246	eP	05	07.30	2.0
YKA	75.39	341	eP	05	10.40	1.8
FFC	77.29	331	eP	05	19.00	-0.3
	0.7s	8.00nm			4.8mb	
PSI	77.65	96	ePc	05	22.50	0.5
MAT	86.08	47	(P)	06	07.00	1.4
NEW	88.13	334	eP	06	17.00	1.6

S.D. = 1.0 on 131 of 158 obs.

* JUN 24, 1985 23h 09m 17.55± 0.61s
35.930 N ±10.2km 73.718 E ± 8.8km
DEPTH = 33.0km (normal)
4.7mb (6 obs.)
NORTHWESTERN KASHMIR (720)

NDI	7.81	157	iPd	11	14.00	2.3
QUE	8.06	227	eP	11	15.50	0.0
			eS	12	44.00	
MHI	11.51	276	eP	12	01.00	-1.7
			eS	14	04.00	
KKN	12.74	126	eP	12	17.70	-1.6
DMN	12.75	127	eP	12	19.00	-0.4
	0.3s	22.00nm			5.7mb	X
PKI	12.97	127	eP	12	21.40	-1.1
	0.4s	15.00nm			5.4mb	X
HYB	18.93	166	eP	13	41.50	3.1X
GBA	22.48	171	Pd	14	19.60	4.2X
	0.5s	14.30nm			4.7mb	
NUR	39.58	324	eP	16	48.00	1.0
HFS	44.87	322	eP	17	30.00	-0.2
	0.4s	5.50nm			4.8mb	
NB2	46.15	323	P	17	40.20	-0.2
	0.4s	1.10nm			4.1mb	
BNG	59.53	252	iPd	19	19.40	-0.9
	0.7s	16.00nm			5.3mb	
MTD	65.86	225	iPd	20	03.00	0.7
KRI	67.04	226	iPd	20	10.00	0.1
M8C	67.79	3	eP	20	15.00	1.3
	0.5s	5.00nm			4.9mb	

BUL	70.23	225	iPd	20	30.20	0.6
WRA	79.84	124	P	21	29.00	4.6X
	0.4s	0 40nm			3.8mb	
YKA	81.69	4	eP	21	36.70	3.2X

S.D. = 1.2 on 14 of 18 obs.

* JUN 25, 1985 00h 56m 12.32± 2.02s
23.195 N ± 8.8km 120.038 E ±23.1km
DEPTH = 12 0 ± 7.7 km
3.8mb (1 obs)
TAIWAN (244)

TWG	1.02	111	iPd	56	31.20	-0.3
			eS	56	41.50	
TWO	1.30	34	iPc	56	36.90	0.7
			eS	56	51.10	
TWD	1.68	58	iPc	56	41.20	-0.4
TWZ	2.36	36	ePd	56	51.80	0.3
ANP	2.40	34	eP	56	52.00	0.0
SSE	7.94	7	e(P)	58	09.50	-0.7
WRA	45.09	161	Pd	04	30.60	0.3
	0.6s	0.70nm			3.8mb	

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

JUN 25, 1985 01h 41m 44.54± 0.69s
44.724 N ± 6.3km 9.279 E ± 6.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.9 (LDG).

TMA	1.41	348	eP	42	10.50	0.1
MMK	1.62	326	eP	42	15.70	2.3X
FIR	1.71	123	ePg	42	15.00	0.5
			eSg	42	31.00	
VDL	1.77	4	eP	42	14.80	-0.8
DIX	1.89	317	eP	42	21.80	4.4X
LPG	1.95	294	Pn	42	19.60	1.3
OSS	2.05	17	eP	42	18.50	-1.2
FRF	2.22	239	Pn	42	20.50	-1.5
			Sn	42	49.20	
LMR	2.43	236	Pn	42	23.20	-1.7
			Sn	42	54.00	
LRG	2.46	240	Pn	42	25.20	0.0
			Sn	42	56.80	
SAX	2.53	1	eP	42	26.70	0.2
CDR	2.73	249	eP	42	35.90	6.6X
			e	43	03.30	
			e	43	03.60	
			e	43	03.90	
SLE	3.09	350	eP	42	32.70	-1.6
VOY	3.50	66	eP	42	42.20	2.0
			eSn	43	19.00	
HAU	3.86	329	Pn	42	45.50	0.3
			Sn	43	33.20	
LJU	3.93	69	eP	42	55.00	8.8X
			eSn	43	38.00	
			e	43	39.50	
CDF	3.94	340	Pn	42	45.60	-0.8
			Sn	43	33.10	
BUH	4.02	350	ePn	42	46.00	-1.5
SMF	4.27	299	Pn	42	52.10	1.1
LBF	4.34	303	Pn	42	53.20	1.1
LOR	4.55	306	Pn	42	56.00	0.9
			Sn	43	51.60	
AVF	4.63	299	Pn	42	57.40	1.2
BGF	4.87	294	Pn	43	00.00	0.4

S.D. = 1.2 on 19 of 23 obs.

JUN 25, 1985 02h 31m 05.40± 1.06s
47.932 N ±18.5km 152.152 E ±13.7km
DEPTH = 33.0km (normal)
5.0mb (27 obs.)
KURIL ISLANDS (221)

XAN	34.99	263	P	37	55.80	-0.8
GTA	38.16	277	P	38	24.90	1.6
CD2	40.35	263	iPd	38	42.20	0.7
INK	41.02	33	eP	38	47.00	0.5
M8C	43.71	20	eP	39	09.00	0.6
	0.5s	4.00nm			4.5mb	
ALE	48.65	6	ePc	39	47.50	0.1
	0.7s	6.00nm			4.7mb	
YKA	50.37	37	eP	40	00.20	-0.6
KKN	54.74	274	iPc	40	34.00	-0.2
PKI	54.80	274	iPc	40	34.30	-0.4
	0.6s	30.00nm			5.5mb	
DMN	54.98	274	iPc	40	36.10	0.1

SOD	57.91	338	iP	40	55.40	-0.6
NDI	59.54	280	iPd	41	07.00	-0.9
	0.6s	26.67nm			5.5mb	
KJF	60.06	335	iP	41	10.60	-0.4
SUF	61.66	335	iP	41	21.90	0.6
	0.4s	4.40nm			4.9mb	
NUR	63.86	334	iP	41	36.50	0.1
	0.5s	9.80nm			5.2mb	
FRB	64.14	19	eP	41	35.00	-3.2X
UPP	66.36	337	iP	41	52.20	-0.3
NB2	66.90	341	P	41	55.40	-0.6
	0.6s	20.40nm			5.4mb	
HFS	67.12	339	eP	41	56.80	-0.6
	0.4s	39.70nm			5.9mb	
COP	71.37	337	iPd	42	23.30	-0.2
	0.5s	39.44nm			5.7mb	
SPC	74.70	330	eP	42	32.40	-11.0X
EKA	75.03	346	Pd	42	45.40	0.4
	0.5s	3.20nm			4.6mb	
CLL	75.12	335	iPc	42	45.10	-0.4
	1.1s	38.00nm			5.3mb	
PRU	75.84	333	P	42	49.50	-0.1
MOX	76.10	335	eP	42	51.00	-0.1
	0.8s	21.00nm			5.2mb	
WTS	76.13	339	eP	42	51.50	0.3
	0.8s	9.00nm			4.8mb	
SRO	76.54	330	iP	42	53.90	0.3
ZST	76.61	331	iP	42	54.90	0.9
KHC	76.89	333	iPd	42	56.40	0.8
	1.0s	16.00nm			5.0mb	
			e	43	02.00	
GRF	77.07	335	eP	42	57.40	0.8
	0.6s	18.00nm			5.3mb	
ENN	77.48	339	eP	42	59.00	0.3
	0.8s	9.00nm			4.9mb	
MEM	77.61	339	P	43	00.40	1.0
DOU	78.43	339	P	43	03.80	-0.1
KBA	78.79	333	iPd	43	07.10	0.9
	0.7s	19.10nm			5.2mb	
			i	43	08.70	
CDF	79.31	337	eP	43	08.30	-0.7
HAU	79.93	337	eP	43	12.60	0.4
LOR	81.24	339	eP	43	18.40	-0.7
	0.7s	7.70nm			4.8mb	
GRR	81.24	342	eP	43	19.10	0.0
GRC	81.40	339	iPd	43	20.20	0.3
LBF	81.48	339	eP	43	19.50	-0.9
SSF	81.52	339	eP	43	19.80	-0.8
LPF	81.62	342	eP	43	21.10	0.1
AVF	81.81	339	eP	43	22.00	0.0
	1.0s	10.40nm			4.8mb	
SMF	81.83	339	eP	43	22.00	-0.2
	1.2s	13.00nm			4.8mb	
LPG	82.14	336	eP	43	24.40	0.2
	1.0s	6.50nm			4.6mb	
BGF	82.15	339	eP	43	23.50	-0.3
MZF	82.53	339	eP	43	26.20	0.3
	0.6s	14.50nm			5.2mb	
TCF	82.55	339	eP	43	25.60	-0.4
	0.8s	6.20nm			4.7mb	
LSF	82.75	340	eP	43	26.80	-0.2
	0.8s	10.30nm			5.0mb	
MFF	82.79	341	eP	43	27.20	0.0
	0.6s	7.20nm			4.9mb	
CAF	83.87	339	eP	43	33.20	0.4
	0.8s	8.50nm			5.0mb	
LFF	84.17	340	eP	43	34.60	0.4
	0.8s	10.30nm			5.1mb	
LMR	84.20	336	eP	43	32.60	-1.8
LPO	84.31	340	eP	43	35.40	0.5

S.D. = 0.6 on 52 of 54 obs.

* JUN 25, 1985 05h 08m 10.67± 0.58s
1.155 S ±13.5km 78.507 W ±27.9km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
ECUADOR (107)

QUI	0.98	359	iP	08	28.00	-0.5
			iS	08	42.40	
BOG	7.26	38	eP	10	05.00	7.5X
HUA	11.26	164	iPc	10	51.30	-1.6
			e(S)	11	01.80	
ZOBO	18.17	146	ePc	12	25.20	2.3
LPB	18.40	147	eP	12	26.00	0.5
CNCB	18.69	147	eP	12	28.00	-1.2
TPZ	22.33	155	Pd	13	22.00	14.4X

25d 05h

JCT	37.43	329	eP	15 24.00	1.2
	0 9s	3.36nm		4.2mb	
FVM	40.47	345	eP	15 48.00	0.0
ALQ	44.43	327	eP	16 20.00	-0.6
	0.9s	6.09nm		4.4mb	
RSSD	50.51	336	iP	17 07.80	-0.3
RSON	53.41	348	eP	17 28.20	-1.2
BMN	54.37	324	eP	17 37.50	0.7
PNT	61.46	331	eP	18 27.00	0.7
	0.8s	8.00nm		4.9mb	
YKA	69.06	343	eP	19 15.00	-0.1
S.D. = 1.2 on 13 of 15 obs.					

% JUN 25, 1985 05h 37m 23.32± 1.24s
40 630 N ±11.0km 27.436 E ± 8.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KGT	0.20	210	iPg	37 28.50	0.7
			iSg	37 32.00	
EDC	0.43	131	iPg	37 32.20	0.1
			iSg	37 39.20	
KCT	0.80	118	iPg	37 38.50	-0.4
			iSg	37 50.00	
CTT	0.91	55	iPg	37 41.00	0.2
			iSg	37 54.00	
EZN	1.17	227	iPn	37 44.50	-0.6
S.D. = 0.7 on 5 of 5 obs.					

JUN 25, 1985 06h 27m 41.59± 1.25s
4.127 N ± 4.9km 126.617 E ± 7.9km
DEPTH = 102.6 ± 12.5 km
4 9mb (7 obs.)
TALAUD ISLANDS (263)

DAV	3.12	341	eP	28 29.00	-0.8
AAI	7.92	169	eP	29 46.50	10.7X
KKM	10.54	281	ePc	30 12.50	1.3
BAG	13.57	335	eP	30 56.00	4.7X
JAY	15.55	115	ePc	31 18.20	1.8
MTN	17.45	165	eP	31 35.00	-5.0X
KNA	19.86	174	eP	32 05.00	-2.1
OIZ	22.09	313	P	32 31.70	2.3
KGM	23.36	266	ePd	32 45.40	3.6X
WRA	25.10	163	Pd	32 57.50	-0.9
	0.7s	29.10nm		4.8mb	
WB2	25.10	163	iPc	32 57.10	-1.3
			eS	37 29.00	
IPM	25.52	272	ePd	33 04.50	2.1
MBL	26.00	195	eP	33 08.00	1.3
	0.7s	14.00nm		4.6mb	
LOE	27.73	300	eP	33 22.00	-0.5
ASPA	28.52	166	eP	33 29.00	-0.6
NAU	28.65	202	eP	33 31.00	0.3
WBN	30.09	180	eP	33 43.00	-0.5
CHG	30.72	301	eP	33 50.00	0.8
MEK	31.54	194	eP	33 56.00	-0.3
TIA	33.11	346	eP	34 09.50	-0.3
XAN	34.01	333	Pc	34 15.70	-2.0
CD2	34.26	324	eP	34 19.10	-0.7
MRWA	34.69	196	eP	34 23.00	-0.4
DL2	34.91	353	P	34 25.00	-0.2
BAL	35.81	195	eP	34 33.00	0.0
TIY	35.86	341	eP	34 31.20	-2.1
KLB	36.51	193	eP	34 39.00	0.2
BJI	36.98	347	eP	34 43.00	0.4
MUN	37.25	195	eP	34 45.00	0.0
SNY	37.63	356	eP	34 37.80	-10.3X
NWAO	37.91	193	eP	34 52.00	1.5
LZH	38.10	329	eP	34 51.50	-0.9
STK	38.54	159	iPd	34 56.20	0.4
RKG	39.06	193	eP	35 08.00	7.9X
SHL	39.55	306	eP	34 41.20	-23.4X
BPS	40.24	143	eP	35 09.00	-1.0
			e	35 18.00	
MDJ	40.41	3	eP	35 11.00	-0.1
LSA	42.09	311	eP	35 24.60	-1.1
GTA	42.70	329	P	35 30.00	-0.1
PKI	45.65	305	eP	35 53.80	-0.4
	0.8s	11.00nm		4.7mb	
KKN	45.84	305	eP	35 55.40	-0.2
	0.5s	12.00nm		5.0mb	
DMN	45.91	305	eP	35 56.40	0.2
	0.6s	15.00nm		5.0mb	
GBA	49.41	284	P	36 23.00	-0.2
WMQ	52.34	325	P	36 45.00	-0.1
QUE	61.84	302	eP	37 51.50	-1.1
TTA	80.60	27	eP	39 45.30	1.3
BRW	81.83	18	eP	39 52.10	1.9
IMA	82.07	24	eP	39 53.30	1.6
PMR	83.65	29	eP	40 00.30	0.6
	0.8s	13.70nm		4.9mb	
DAG	96.86	352	iPc	41 02.00	0.2
	0.7s	5.48nm		5.2mb	
S.D. = 1.1 on 43 of 50 obs.					

JUN 25, 1985 07h 20m 55.21± 0.30s
33.416 S ± 5.9km 71.938 W ± 3.8km
DEPTH = 33 0km (normol)
5.1mb (18 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (III) at Santiago.

LNV	0.69	141	iPc	21 08.50	0.0
TACH	0.87	106	iPc	21 11.20	0.1
ROCH	0.89	61	iPd	21 11.20	-0.4
SAN	1.07	92	iPc	21 14.70	0.8
			i(S)	21 24.00	
PEL	1.08	76	iP	21 14.50	0.3
CHCH	1.19	116	iPd	21 16.20	0.6
PCH	1.21	100	iPc	21 16.50	0.6
BACH	1.21	87	iPd	21 16.80	0.8
JACH	1.35	57	iPc	21 18.20	0.3
FCH	1.38	87	iPd	21 19.50	0.8
RFA	3.18	116	iPc	21 46.30	2.1
			S	22 34.50	
RTCV	3.26	63	ePc	21 47.20	1.9
RTCB	3.28	55	ePc	21 47.30	1.8
ZON	3.33	57	eP	21 48.00	1.8
RTLL	3.60	56	iPc	21 51.00	0.9
CFA	3.61	61	ePc	21 50.70	0.5
			S	22 40.50	
TCA	6.55	74	e(P)	22 30.10	-1.7
			S	23 46.50	
CYA	7.24	48	iPd	22 37.50	-3.9X
			S	24 06.00	
VBA	9.33	123	ePd	23 08.60	-1.8
ANT	9.77	8	eP	23 31.50	15.1X
SLA	10.33	35	eP	23 19.00	-5.3X
TPZ	12.24	14	(P)	24 02.00	11.5X
			i	24 11.70	
ARE	16.89	1	eP	24 52.00	1.0
CNCB	16.92	13	iP	24 55.00	3.4X
			(S)	28 21.00	
LPB	17.16	13	eP	24 56.00	1.4
			i	24 58.50	
			LR	30 46.00	
HUA	21.50	351	eP	25 45.30	1.5
VAO	24.27	71	eP	26 08.80	-1.8
			e	26 16.20	
BAO	27.96	57	Pc	26 42.10	-2.8
ATB	35.18	36	Pc	27 45.90	-2.3
SOB1	37.38	57	eP	28 05.20	-1.6
			e	30 25.70	
ITR	39.44	59	eP	28 21.50	-2.6
	1.0s	31.30nm		5.0mb	
			e	28 34.50	
SJG	51.53	7	i(P)d	29 57.60	-2.5
SPA	56.76	180	iPc	30 38.70	0.5
	0.8s	22.50nm		5.2mb	
PRM	67.85	351	eP	31 50.50	-1.7
JCT	68.79	334	iP	31 57.50	-0.7
	1.0s	17.50nm		5.1mb	
LTX	69.27	331	iP	32 01.00	-0.2
	0.9s	5.47nm		4.6mb	
RSCP	69.83	348	eP	32 03.10	-1.3
	1.0s	62.00nm		5.6mb	
BHO	70.79	340	eP	32 09.60	-0.6
	1.4s	24.20nm		5.1mb	
CVL	71.29	355	P	32 12.40	-0.7
NA2	71.38	355	P	32 13.10	-0.6
POW	71.51	344	P	32 13.10	-1.4
TUL	72.49	340	iP	32 19.40	-1.0
	0.9s	31.20nm		5.3mb	
			e	33 28.50	
RLO	72.51	341	iP	32 19.20	-1.3
OCO	72.63	338	e(P)	32 20.70	-0.5
FVM	73.09	345	iP	32 22.20	-1.6
	1.0s	38.00nm		5.3mb	
MAW	73.72	164	eP	32 27.00	-0.2
KIC	74.82	72	eP	32 33.40	-1.0
ALQ	75.31	331	eP	32 36.90	-0.1
	1.0s	12.00nm		4.8mb	
GLA	77.46	324	eP	32 49.00	0.1
RSNY	77.63	358	P	32 49.20	-0.3
	0.6s	11.92nm		5.1mb	
BAR	78.08	323	eP	32 53.00	0.7
PLM	78.71	323	eP	32 56.00	0.0
TPC	78.91	324	eP	32 57.00	0.1
RMU	79.01	329	eP	32 58.50	1.0
GLD	79.05	334	eP	32 58.20	0.5
	1.0s	20.00nm		5.1mb	
GOL	79.06	334	P	32 57 60	-0.2
SDW	79.82	324	P	33 02.80	0.9
MWC	80.01	323	eP	33 04.00	1.0
GSC	80.24	324	eP	33 05.00	1.0
SB8	80.26	323	eP	33 04.00	-0.1
MSU	80.74	329	P	33 07.20	0.4
CLC	81.04	324	eP	33 09.00	0.8
SWZ	81.09	117	eP	33 06.00	-3.0X
VPEM	81.25	324	P	33 10.60	1.2
ISA	81.35	323	eP	33 11.00	1.1
BFS	82.34	117	e(P)	33 14.40	-1.0
	1.1s	30.38nm		5.3mb	
RSSD	82.53	337	iP	33 16.10	0.1
	1.0s	15.00nm		5.0mb	
PRI	82.83	322	ePc	33 18.80	1.2
LHC	82.93	348	eP	33 16.50	-1.1
EUR	83.21	327	iP	33 20.20	0.6
	0.8s	10.03nm		5.0mb	
BDW	83.29	333	iP	33 20.00	0.0
	1.0s	6.40nm		4.7mb	
LLA	83.34	322	ePc	33 21.30	1.2
PRS	83.34	322	ePc	33 21.40	1.3
MNA	83.38	325	eP	33 20.00	-0.4
JAS1	84.09	323	ePc	33 24.70	0.9
GCC	84.20	322	ePc	33 25.50	1.1
ARN	84.21	322	P	33 25.80	1.3
MHC	84.26	322	eP	33 26.20	1.4
TMI	84.65	332	P	33 26.80	0.0
HPI	85.46	331	P	33 32.40	1.5
ORV	85.88	324	ePc	33 33.60	0.8
RSON	86.08	346	iP	33 32.50	-1.0
	0.8s	10.56nm		5.1mb	
GAS	86.57	323	P	33 41.10	4.9X
LRM	86.97	333	eP	33 38.60	0.3
WDC	87.18	324	ePc	33 38.70	-0.4
SES	90.33	336	eP	33 53.00	-0.8
PNT	92.63	331	eP	34 04.00	-0.4
	0.7s	6.00nm		5.1mb	
BNG	92.82	87	iPd	34 06.30	0.2
	0.8s	11.00nm		5.3mb	
EDM	93.48	337	iPc	34 06.50	-1.8
YKA	101.53	341	ePdiff	34 44.00	-0.5
WRA	121.31	209	PKP	39 47.00	0.1
	0.9s	3.70nm			
QUE	145.07	84	ePKP	40 31.00	-0.2
GBA	145.88	118	PKP	40 32.80	0.1
PSI	148.26	162	iPKPc	40 39.80	3.2X
	0.8s	32.60nm			
KGM	148.45	171	ePKPd	40 40.30	3.4X
HYB	149.09	114	ePKP	40 41.50	3.7X
			e	40 54.00	
IPM	150.57	166	ePKPd	40 45.00	4.8X
S.D. = 1.1 on 86 of 97 obs.					

? JUN 25, 1985 07h 25m 40.47± 1.94s
10.088 S ±44.9km 40.730 E ±21.4km
DEPTH = 10.0km (geophysicist)
4.0mb (1 obs.)
TANZANIA (573)

CLK	7.90	225	ePn	27 39.00	0.8
			eSn	29 06.00	
NAI	9.59	336	eP	28 22.00	20.2X
	1.0s	32.00nm			
MTD	11.11	232	iPn	28 22.00	-0.5
			eSn	31 33.00	
KRI	12.71	237	iPn	28 44.00	-0.4
			eSn	31 03.00	
LSZ	13.28	246	iP	28 52.30	0.5
			iS	31 15.60	
			iLg	33 25.50	
BUL	15.38	228	iPnd	29 19.00	-0.4
			eSn	32 06.50	
			eLg	33 47.50	
WRA	89.96	110	P	38 42.00	0.0
	0.2s	0.20nm		4.0mb	
S.D. = 0.7 on 6 of 7 obs.					

• JUN 25, 1985 07h 35m 23.93± 1.00s

43.347 N ± 8.6km 144.076 E ±11.3km
DEPTH = 24.5 ± 8.8 km
4.7mb (4 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (II JMA) at Kushiro and (I JMA) at Obihiro.

KUS	0.44	148	iPd	35 33.20	0.2
			iS	35 40.60	
ABJ	0.69	13	eP	35 37.00	-0.1
			eS	35 48.00	
OBI	0.76	236	eP	35 38.00	-0.4
			iS	35 48.50	
ASA	1.31	289	eP	35 49.00	2.3
			S	36 06.80	
MAT	8.15	215	(P)	37 22.00	-1.6
YKA	57.36	33	eP	45 13.20	1.2
SOD	59.96	337	iP	45 30.00	-0.1
KJF	61.76	334	eP	45 41.00	-1.3
PNT	62.31	47	eP	45 49.00	2.8X
	0.7s		5.00nm		4.8mb
SUF	63.28	333	iP	45 51.90	-0.5
WRA	63.61	190	P	45 57.00	2.1
	0 6s		0.90nm		4.1mb
NUR	65.35	332	eP	46 05.00	-0.9
NB2	69.15	338	P	46 28.90	-0.9
	0.7s		4.80nm		4.7mb
HFS	69.17	336	eP	46 28.70	-1.2
	0.6s		3.50nm		4.7mb
CLL	76.61	331	eP	47 15.00	1.2
S.D. = 1.4 on 14 of 15 obs.					

* JUN 25, 1985 08h 00m 01.55± 2.97s
36.140 N ±27.9km 69.324 E ±12.7km
DEPTH = 105.5 ± 47.3 km
4.2mb (4 obs.)
HINDU KUSH REGION (718)

QUE	6.26	199	eP	01 32.90	-0.2
			eS	02 50.00	
MHI	7.95	274	eP	01 56.00	-0.1
NDI	9.98	136	eP	02 24.50	1.0
			iS	04 13.00	
DMN	15.86	118	eP	03 40.10	-0.1
	0.6s		13.00nm		4.3mb
KKN	15.88	117	eP	03 40.00	-0.4
	0.6s		8.00nm		4.1mb
PKI	16.10	118	eP	03 43.00	-0.3
	0.5s		13.00nm		4.4mb
NB2	43.86	323	P	07 58.80	0.2
	0.8s		1.30nm		3.8mb
S.D. = 0.7 on 7 of 7 obs.					

* JUN 25, 1985 09h 04m 19.36± 0.60s
36.668 N ± 9.1km 71.349 E ± 9.2km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7 43	211	iPc	06 09.00	0.5
			iS	07 27.80	
NDI	9.37	147	eP	06 36.00	0.9
	0.5s		7.04nm		5.1mb X
			iS	08 11.00	
MHI	9.56	271	iPd	06 37.90	0.1
			eS	08 21.00	
KKN	14.73	123	eP	07 40.80	-6.5X
DMN	14.73	124	eP	07 47.60	0 2
	0.5s		26.00nm		4.9mb X
PKI	14.96	123	eP	07 50.40	0.0
	0 5s		22.00nm		4.7mb X
HYB	20.21	160	eP	08 55.00	0.7
GBA	23.61	165	Pd	09 25.50	-2.7
	0.4s		3.30nm		4.2mb
HFS	43.11	322	eP	12 18.00	0.2
	0.5s		4.50nm		4.5mb
NB2	44.42	323	P	12 28.20	-0.2
	0.5s		2.30nm		4.3mb
MBC	67.16	3	eP	15 11.00	-0.5
YKA	81.07	3	eP	16 32.70	0.7
S.D. = 1.1 on 11 of 12 obs.					

* JUN 25, 1985 10h 27m 26.89± 1.08s
64.510 N ±15.1km 20.800 W ±10.1km
DEPTH = 10.0km (geophysicist)
ICELAND (638)

REY	0 61	233	iP	27 38.20	-0.9
			iS	27 48.80	
AKU	1.64	43	iP	27 50.00	-5.8X
	0.8s	1059.70nm			
			eS	28 11.10	
ELO	11.62	126	e(P)	30 15.30	-0.3
EAB	11.63	128	e(PKP)	30 18.00	2.3
EBH	11.87	126	ePKP	30 20.00	1.1
EKA	12.71	128	Pd	30 28.70	-1 6
	0.8s		6.60nm		4.9mb X
KJF	20.60	69	eP	32 07.00	-1.2
NUR	20.99	80	iP	32 11.40	-0.8
KHC	23.89	114	eP	32 45.50	4.5X
YKA	38.27	312	eP	34 49.80	1.5
S.D. = 1.7 on 8 of 10 obs.					

JUN 25, 1985 10h 31m 30.01± 0.41s
64.616 N ± 6.3km 20.642 W ± 5.7km
DEPTH = 10.0km (geophysicist)
4.3mb (27 obs.) 4.5Msz (2 obs.)
ICELAND (638)

REY	0.73	229	iP	31 41.40	-2.9
			iS	31 53.00	
AKU	1.52	44	iP	31 53.50	-3.7X
	0.8s	8059.70nm			
			iS	32 14.00	
ELO	11.63	127	eP	34 16.60	-2.3
EAB	11.64	129	eP	34 18.00	-1.0
EBH	11.87	127	e(P)	34 22.00	-0.2
	0.6s		18.00nm		5.5mb X
DAG	12.23	2	eP	34 25.00	-1.9
EKA	12.72	129	Pd	34 34.00	0.4
	0.6s		12.80nm		5.3mb X
GDH	13.57	304	eP-	34 46.00	1.3
			e	38 30.00	
VAL	13.81	152	eP	34 50.00	2.2
			S	37 40.00	
NB2	14.89	89	P	35 01.80	-0.2
	1.4s		13.50nm		4.2mb
HFS	16.40	90	eP	35 21.70	0.3
	0.9s		17.90nm		4.2mb
Z	18s		1.40um		4.2Msz
			LR	40 02.00	
UPP	18.23	87	iP	35 47.50	3.2X
DBN	18.28	121	eP	35 46.00	1.1
Z	20s		1.60um		
COP	18.52	103	eP+	35 49.00	1.2
Z	20s		1.77um		
			iS	39 32.00	
KEV	18.74	53	eP	35 48.00	-2.5
			eS	39 24.00	
UCC	19.04	125	P	36 01.00	6.7X
			S	39 39.00	
SOD	19.05	61	iP	35 56.60	2.3X
ENN	19.63	122	eP	36 03.00	1.7
	1.4s		44.00nm		4.6mb
DOU	19.71	126	P	36 03.00	0.8
Z	18s		2.00um		
			S	39 47.00	
MEM	19.79	122	P	36 00.60	-2.3
ALE	20.48	345	eP	36 11.00	1.1
	1.1s		17.00nm		4.3mb
SUF	20.48	74	eP	36 10.00	0.0
FRB	20.50	290	eP	36 12.00	1.8
KJF	20.50	69	iP	36 08.00	-2.2
			eS	40 04.00	
WLF	20.63	124	P	36 13.70	2.0
NUR	20.91	80	iP	36 13.60	-0.9
	1.0s		44.00nm		4.8mb
			eS	40 12.00	
MFF	21.26	138	eP	36 18.60	0.4
	0.8s		8.00nm		4.2mb
GRC	21.62	132	iPc	36 22.60	0.8
GWF	21.73	123	eP	36 23.20	0.2
MOX	21.89	114	eP	36 26.00	1.5
	2.0s		59.00nm		4.7mb
Z	12s		1.80um		4.7MszX
E	17s		1.60um		
			ePP	36 55.00	
			e	38 20.00	
			eS	40 30.00	
LOR	21.90	131	eP	36 23.90	-0.7
	0.9s		12.10nm		4.3mb
CLL	21.92	111	eP	36 25.00	0.2
	2.0s		70.00nm		4.7mb
			eS	40 35.00	

SSF	21.96	132	eP	36 24.70	-0.6
	0.9s		9.80nm		4.2mb
LSF	22.07	136	eP	36 26.20	-0.2
	0.8s		5.60nm		4.1mb
CDF	22.08	124	eP	36 26.70	0.1
	1.1s		23.40nm		4.5mb
HAU	22.10	126	eP	36 26.90	0.2
	1.3s		34.70nm		4.6mb
AVF	22.15	132	eP	36 26.70	-0.5
	0.8s		6.90nm		4.2mb
LBF	22.18	131	eP	36 26.80	-0.8
	1.0s		19.20nm		4.5mb
BGF	22.20	133	eP	36 27.20	-0.5
	0.7s		6.70nm		4.2mb
TCF	22.24	135	eP	36 26.70	-1.4
	1.0s		14.80nm		4.4mb
BSF	22.40	125	eP	36 29.90	0.1
	1.0s		11.10nm		4.3mb
MZF	22.43	134	eP	36 29.60	-0.3
	1.0s		7.40nm		4.1mb
SMF	22.44	132	eP	36 29.80	-0.2
	1.0s		16.80nm		4.5mb
GRF	22.50	116	eP	36 32.40	1 8
Z	18s		1.00um		4.3Msz
RJF	22.92	137	eP	36 34.90	0.1
	0.8s		10.70nm		4.4mb
LFF	23.03	139	eP	36 35.80	-0 1
	1.2s		17.10nm		4.5mb
LPO	23.40	138	eP	36 39.20	-0.2
CAF	23.43	136	eP	36 38.60	-1.2
	0.9s		3.90nm		4.0mb
PRU	23.57	112	eP	36 43.50	2.5X
Z	14s		1.70um		4.7MszX
N	14s		1.20um		
E	14s		1.00um		
			S	41 00.00	
KSP	23.62	108	eP	36 43.00	1.5
KHC	23.87	114	iPc	36 46.00	2.0
Z	13s		0.90um		4.4MszX
N	13s		0.70um		
E	13s		0.60um		
			e	37 09.20	
			e	41 10.00	
LPG	24.41	128	eP	36 49.20	-0.4
	1.1s		9.30nm		4.3mb
EPF	24.68	141	eP	36 50.90	-1.0
	0.9s		7.20nm		4.3mb
KBA	25.45	117	iP	37 19.10	19.7X
	1.7s		22.50nm		
KRA	25.73	105	eP	37 01.20	-0.5
Z	18s		2.30um		4.7Msz
N	18s		1.70um		
E	18s		1.50um		
			e	41 32.00	
TOL	26.60	151	eP	37 17.00	7.1X
			eS	41 58.00	
MBC	30.63	332	eP	37 47.00	1.2
VAY	33.89	112	eP	38 15.50	1.0
YKA	38.25	312	eP	38 52.10	0.8
FFC	39.41	295	eP	38 59.00	-2.0
	0.9s		6.00nm		4.3mb
JCT	58.31	275	eP	41 28.00	0.9
	0.9s		3.78nm		4.5mb
S.D. = 1.3 on 54 of 61 obs.					

% JUN 25, 1985 11h 35m 49.01± 0.79s
38.962 N ± 6.9km 27.674 E ±11.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.65	210	iPg	36 00.60	-1.4
			iSg	36 11.60	
DST	0.98	49	iPn	36 06.60	-1.1
EZN	1.36	310	ePn	36 14.10	0.2
KCT	1.39	22	iPn	36 14.30	-0.1
EDC	1.39	6	iPn	36 14.70	0.3
KGT	1.51	349	iPn	36 16.70	0.5
MFT	1.85	351	iPn	36 24.80	3.7X
YER	1.89	165	ePn	36 23.20	1.6
HRT	2.41	39	ePn	36 31.80	2.7X
S.D. = 1.2 on 7 of 9 obs.					

JUN 25, 1985 12h 17m 11.69± 0.75s
40.689 N ± 6.8km 27.496 E ± 5.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

25d 12h

MFT	0.19	301	iPg	17	16.30	0.3
KGT	0.28	212	iPg	17	17.80	0.3
			iSg	17	22.80	
EDC	0.44	140	iPg	17	21.20	0.5
			iSg	17	29.20	
KCT	0.79	123	iPg	17	26.80	-0.3
			iSg	17	38.30	
CTT	0.84	57	iPn	17	27.80	-0.2
EZN	1.24	226	iPn	17	34.10	-0 7
DST	1.39	141	ePn	17	38.60	1 5X
VAY	3.78	281	ePn	18	22.00	10 7X

S.D. = 0.6 on 6 of 8 obs.

• JUN 25, 1985 12h 29m 19.59± 0.74s
21.524 S ± 8.4km 179.033 W ±10.3km
DEPTH = 602.3 ± 7.6 km
4.7mb (6 obs.)
FIJI ISLANDS REGION (181)

SVA	4.13	325	eP	30	46.50	-0.1
SGE	4.85	323	iPc	30	53.00	0.9
YSA	5.78	326	iPc	30	59.40	0.0
AFI	10.25	44	P	31	37.00	-4.3X
			S	33	26.00	
CRZ	14.79	208	P	32	29.40	4.0X
KOU	15.61	270	iPc	32	37.30	3.9X
KRP	17.01	195	P	32	48.90	2.2X
GNZ	17.25	188	P	32	47.40	-1.6
MNG	19.60	193	eP	33	08.70	-2.2
BRS	26.29	252	iPc	34	11.80	1.0
COO	27.57	245	iPd	34	23.20	1.2
RMO	29.79	254	eP	34	42.00	0.9
CAN	31.14	237	eP	34	53.30	0.9
			eScP	40	17.80	
WAM	31 50	235	eP	34	57.00	1.6
			eScP	40	18.60	
CTA	32 44	266	iPd	35	03.80	0.4
	0.9s	29.83nm			4.9mb	
PMG	34.66	285	eP	35	19.50	-2.4
ASPA	43 36	258	eP	36	32.00	0.1
			eS	42	16.00	
			eScS	45	27.00	
JAY	43.47	290	ePd	36	33.10	0.2
WB2	43.50	263	iPd	36	32.20	-0.9
			eS	42	24.70	
WRA	43.51	263	Pd	36	32.20	-1.0
	1.0s	38.40nm			4.9mb	
KNA	49.62	267	iPd	37	18.80	-0.5
WBN	49.67	253	eP	37	20.00	0.3
DRV	52.07	199	eP	37	36.50	0.0
MBL	56.60	258	iPc	38	07.80	-1.0
MEK	56.74	252	eP	38	09.00	-0.8
KLB	56.75	246	eP	38	09.00	-0.7
SBA	56.79	184	eP	38	11.30	2.0
	0 9s	13.45nm			4.2mb	
BAL	57.76	247	eP	38	16.00	-0.6
MRWA	58 57	248	iPd	38	21.90	-0.2
NAU	60.23	256	eP	38	33.00	-0.1
SPA	68.61	180	iPc	39	26.00	0.9
	0 8s	26.25nm			4.8mb	
MAT	70.47	325	eP	39	35.00	-1.2
	0 8s	11 94nm			4.5mb	
KGM	79.26	276	ePc	40	26.00	0.8
IPM	82.35	278	ePd	40	41.20	0.2
PSI	83.59	275	ePd	40	47.60	0.5
PNT	88.04	34	eP	41	08.00	0.3
	0.8s	8.00nm			4.6mb	
CHG	89.69	290	eP	41	17.50	1.6
BUL	130.55	215	ePKP	47	25.90	0.8
			iSKP	49	54.40	
MTD	131.53	221	ePKP	47	27.00	0.0
			eSKP	49	58.00	
KJF	133.78	344	ePKP	47	21.00	-8.7X
NUR	137.64	343	ePKP	47	37.00	-0.1
NB2	139.87	352	PKP	47	32.60	-8.6X
	0.9s	4.00nm				
HFS	140.38	350	ePKP	47	33.30	-8.8X
	0.3s	3.30nm				
EBH	145.16	4	ePKP	47	49.70	-0.7
ESY	145.55	4	ePKP	47	50.50	-0.5
EAU	145 57	4	ePKP	47	51.10	0.0
ERA	146 10	4	PKPc	47	53.20	1.3X
	0 8s	8.50nm				
KSP	148 36	341	ePKP	47	59.50	3 8X
WIT	148 46	353	ePKP	48	01.00	5.3X
CLL	148 82	345	iPKPc	48	00.10	3.7X
	1 2s	19.00nm				

WTS	149.25	353	ePKP	48	01.50	4.6X
	1.0s	24.00nm				
MOX	149.75	346	ePKP	48	03.00	5.2X
	0.9s	11 00nm				
ENN	150.56	354	ePKP	48	04.50	5 5X
	0.9s	17.00nm				
			e	48	14 00	
MEM	150.70	353	PKP	48	04.20	5.0X
DOU	151.34	355	PKP	48	07.00	6.8X
KBA	152.60	341	iPKPd	48	08.50	6.2X
	0.9s	5.30nm				

S.D. = 1.0 on 39 of 56 obs.

• JUN 25, 1985 13h 21m 10.43± 1.09s
10.767 S ±10.5km 123.585 E ±11.9km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
TIMOR (289)

KUPT	0.61	2	ePd	21	22.60	0.0
			eS	22	19.00	
KNA	7.07	135	iPd	22	55.40	1.1
	0.3s	18.00nm			5.5mb X	
			eS	24	16.00	
MTN	7.67	106	eP	23	03.00	0.3
			eS	24	30 00	
MBL	10.94	199	eP	23	46 00	-1.9
	0.3s	3.00nm			5.0mb X	
WRA	13.81	133	Pc	24	23.70	-2.5
	0.9s	9.50nm			4.6mb	
WB2	13.82	133	eP	24	23.70	-2.6X
			iS	26	51.30	
NAU	14.03	212	eP	24	28.00	-1.1
	0.4s	6.00nm			4.7mb	
			eS	26	57.00	
WBN	15.55	170	eP	24	50.00	1.0
			eS	27	41.00	
ASPA	16.16	144	eP	24	57.00	0.1
			eS	27	49.00	
MEK	16 46	196	eP	25	02 00	1.4
			eS	27	54.00	
MRWA	19.68	200	iPd	25	41.40	1.5
			eS	29	06.00	
BRS	32.04	125	iPc	27	39.40	2.9X

S.D. = 1.6 on 10 of 12 obs.

• JUN 25, 1985 14h 02m 45.79± 0.61s
45.748 N ± 9.7km 145.799 E ±11.4km
DEPTH = 33.0km (normal)
4 9mb (8 obs.)
HOKKAIDO, JAPAN REGION (224)

TSK	10.45	206	eP	05	15.20	-1.1
MAT	10.83	214	iPc	05	23.30	1.8
DDR	10.94	209	eP	05	23.70	0.6
OYM	11.45	208	eP	05	29.00	-1.0
MDJ	11.50	270	eP	05	43.50	12.9X
CN2	14.58	270	Pc	06	20.20	8.7X
SNY	16.51	264	eP	06	44.00	7.8X
DL2	19.09	258	P	07	11.00	2.8
HHC	25.27	271	eP	08	12.00	1.5
XAN	30.36	260	eP	08	55.80	-0.9
GTA	34.07	276	Pc	09	31.30	2.1
CD2	35.72	260	iPd	09	43.10	-0.1
TTA	36.52	41	eP	09	50.60	1.0
GYA	36.56	252	P	09	49.00	-1.4
IMA	37.59	36	eP	09	59.30	0.6
PMS	39.65	43	eP	10	16.00	0.2
FBA	40.07	37	eP	10	20.20	1.0
	0.6s	14.60nm			4.9mb	
CHG	46.97	251	iPd	11	13.80	-1.6
	0.9s	10.50nm			4.8mb	
KKN	50.48	271	eP	11	42.20	-0.6
	0.5s	12.00nm			5.1mb	
PKI	50.52	271	eP	11	42.50	-0.7
	0.6s	13.00nm			5.1mb	
DMN	50.71	271	eP	11	44.20	-0.4
	0.6s	19.00nm			5.3mb	
YKA	54.68	34	eP	12	13.50	0.1
SUF	61.71	333	eP	13	02.00	-0.6
NUR	63.82	332	eP	13	16.00	-0.6
WRA	66.20	192	Pc	13	22.50	-9.8X
	0.3s	1.50nm			4.6mb	
NB2	67.39	338	P	13	38.40	-1.2
	0 5s	0 70nm			4.0mb	
HFS	67.48	336	eP	13	38 50	-1.5
	0.5s	2.80nm			4.6mb	

S.D. = 1.3 on 23 of 27 obs.

JUN 25, 1985 14h 17m 57.81± 0.75s
19.513 S ± 4.7km 168.750 E ± 3.8km
DEPTH = 61.9 ± 6.6 km
5.0mb (15 obs.)
VANUATU ISLANDS (186)

PVC	1.81	347	iP	18	26.00	-1.2
			iS	18	50.00	
NOU	3.52	217	iPc	18	49.00	-2.2
KOU	4.33	255	Pd	19	01.60	-1.0
			iS	19	54.30	
NDF	8.43	79	iP	19	54.20	-5.6X
			eS	21	01 00	
YSA	8.85	73	ePc	20	06.20	0.7
SGE	8.91	79	ePc	20	08.20	1.7
SVA	9.30	83	eP	20	12.50	0.8X
HNR	13.15	318	P	21	13.00	9.5X
CRZ	15.26	168	eP	21	33.00	2.1
COO	18.81	231	eP	22	19.00	3.8X
KRP	19.28	164	P	22	19.90	-0.4
AFI	19.46	76	P	22	23.00	0.5
RMQ	19.66	246	eP	22	26.00	1.5
GNZ	20.69	159	P	22	34.90	-0.1
CTA	21.17	265	iPc	22	43.00	2.9X
	1.1s	41.77nm			4.7mb	
			iS	26	33.00	
MNG	21.81	166	P	22	45.70	-0.6
			i	22	50.00	
			i	22	52.10	
TCW	22.14	169	P	22	49.60	0.1
PMG	23.17	293	eP	23	02.00	2.2
CAN	23.50	224	eP	23	05.00	2.1
			e	23	16.90	
CMS	23.82	235	eP	23	08.00	1.9
WAM	24.10	222	eP	23	11.90	3.2X
			e	23	27.10	
STK	27.31	238	eP	23	39.00	0.3
WB2	32.35	263	eP	24	22.70	-0.9
			e	24	34.20	
			e	27	10.00	
			e	27	20.70	
WRA	32.36	263	P	24	24.00	0.3
	0.8s	3.90nm			4.3mb	
ASPA	32.62	256	eP	24	25.00	-0.9
			eS	29	45.00	
MTN	36.08	275	eP	25	00.00	-0.6
WBN	39.30	252	eP	25	23.00	0.5
MBL	45.75	259	eP	26	15.00	-0.1
	0.6s	8.00nm			4.8mb	
MEK	46.49	252	eP	26	20.00	-0.9
KLB	47.17	245	iPd	26	26.30	0.1
NWAO	47.68	243	eP	26	29.00	-1.1
Z	20s	1.20um			4.9Msz	
RKG	47.93	241	eP	26	31.00	-1.1
BAL	48.05	246	eP	26	32.00	-1.1
MUN	48.51	244	eP	26	36.00	-0.5
MRWA	48.68	248	eP	26	38.00	0.1
NAU	49.58	257	eP	26	45.00	0.1
DRV	50.65	194	e(P)	26	52.00	-0.4
SBA	58.39	180	iPc	27	48.60	-0.1
	0.9s	16.81nm			5.2mb	
MAT	62.78	333	iPc	28	17.90	-1.1
	1.1s	27.85nm			5.3mb	
			eS	36	50.00	
SHK	63.76	327	eP	28	25.30	-0.2
KGM	67.64	281	ePd	28	52.20	1.4
SPA	70.61	180	iPc	29	07.70	-0.7
	1.0s	26.00nm			5.1mb	
IPM	70.73	282	ePc	29	09.00	-0.8
PSI	71.97	280	ePd	29	17.60	0.4
	1.0s	30.40nm			5.2mb	
DL2	72.96	323	eP	29	22.00	-0.5
MDJ	73.14	332	eP	29	23.20	-0.3
SNY	73.95	327	eP	29	28.40	0.2
CN2	74.45	329	Pd	29	30.00	-1.1
GYA	75.60	305	P	29	39.40	1.2
BJI	76.86	321	eP	29	45.00	0.2
TIY	77.72	318	eP	29	49.50	-0.2
XAN	77 95	313	eP	29	50.80	-0.3
MAW	78.01	202	eP	29	52.00	1.3
KMI	78.03	302	eP	29	53.00	1.1
CHG	78 35	295	eP	29	55 00	1.5
CD2	80.04	308	P	30	04.00	1.5
BTO	80.93	319	eP	30	08.00	0.9
LZH	82.57	312	P	30	18.00	2.3

PRS	86.21	49	eP	30	34.00	0.2	WTS	144.63	341	ePKP	37	27.00	-1.7		0.8s	21.50nm							
BRK	86.29	48	e(P)	30	35.00	0.8		0.8s		22.00nm				FRF	151.71	332	ePKP	37	45.80	5.6X			
SAO	86.35	49	e(P)	30	35.00	0.5				e	37	40.00			0.8s	27.70nm							
SYP	86.40	52	eP	30	35.00	0.0	WET	144.66	332	iPKPc	37	28.20	-0.8	LRG	151.92	332	ePKP	37	46.70	6.2X			
MHC	86.48	48	eP	30	34.60	-0.7		1.1s		32.00nm					0.8s	32.20nm							
PRI	86.63	50	eP	30	35.70	-0.3	KMR	144.88	330	iPKP+	37	29.70	0.4	LMR	151.95	332	ePKP	37	46.50	5.9X			
LLA	86.64	49	eP	30	36.50	0.5	GRF	144.94	334	ePKP	37	28.70	-0.7		0.7s	24.20nm							
GTA	86 98	314	P	30	38.20	0.5		0.9s		109.00nm				CDR	152.00	333	ePKPc	37	46.70	6.0X			
WDC	87 38	45	eP	30	37.00	-2.4	OHR	145.25	315	ePKP	37	29.20	-1.1				e	38	01.90				
PAS	87 58	53	eP	30	40 00	-0 5	BNS	145.40	339	ePKP	37	29 60	-0.5	RJF	152.19	340	ePKP	37	47.00	6.1X			
ORV	87 60	47	eP	30	39.70	-0.8	TNS	145.58	337	ePKP	37	30.10	-0.5		0.8s	13.40nm							
JAS1	87.61	48	eP	30	39.80	-0.8	BHG	145.71	331	iPKPd	37	37.20	6.4X	CAF	152.35	339	ePKP	37	47.50	6.3X			
MWC	87.70	53	eP	30	40.00	-1.3	KBA	145.95	329	i(PKP)	37	31.70	0.3		0.8s	8.00nm							
MIN	87.90	46	eP	30	42.00	-0.1		1.2s		65.60nm				LFF	152.76	341	ePKP	37	48.40	6 7X			
ISA	88.01	51	eP	30	42.00	-0.6				i	37	35.00			0.7s	11.60nm							
SBB	88.07	52	eP	30	43.00	0.0				i	37	47.70			S.D. = 1.0 on 125 of 176 obs.								
BAR	88.10	54	eP	30	43.00	-0.1	ENN	145.97	340	ePKPd	37	32.50	1.4										
RVR	88.12	53	eP	30	43.00	-0.1		1.5s		143.00nm				* JUN 25, 1985 14h 50m 31.31± 1 67s									
PLM	88.24	54	eP	30	43.00	-0.9				e	37	47.50		33.411 S ± 8.9km 72.126 W ±15 1km									
CLC	88.72	51	eP	30	46.00	0.0	LJU	146.08	327	ePKP	37	31.50	0.0	DEPTH = 33.0km (normal)									
GSC	89.09	52	eP	30	48.00	0.2				e	37	48.50		OFF COAST OF CENTRAL CHILE (134)									
TPC	89.16	53	eP	30	48.00	-0.2				e	41	13.00											
MNA	89.43	49	eP	30	49.70	0.2	MEM	146.08	340	PKP	37	33.00	1.8	LNV	0.81	132	iPc	50	46.10	-0.1			
GLA	89.67	55	eP	30	50.00	-0.6	DCN	146.09	356	iPKPc	37	30.70	-0.5	TACH	1.02	104	iPc	50	48.70	-0.7			
BMN	90.94	47	eP	30	55.90	-0.5	DLE	146.09	355	iPKPc	37	31.40	0.2	ROCH	1.03	65	iPd	50	49.00	-0.7			
	1.0s	10.00nm			5.1mb			1.0s		90.00nm				SAN	1.23	92	iP	50	51.60	-0.6			
		e		31	10.00		FUR	146.09	333	iPKPc	37	32.00	0.6				iS	51	06.50				
PKI	93.20	298	eP	31	08.20	0.9		0.8s		89.00nm				PEL	1.24	78	iP	50	52.30	-0.1			
	1.0s	22.00nm			5.5mb		VOY	146.42	328	ePKP	37	31.20	-0.9	CHCH	1.33	113	iPd	50	53.80	0.0			
KKN	93.38	298	eP	31	09.00	1.0				i	37	44.80		PCH	1.36	99	iPc	50	54.30	0.0			
	1.0s	16.00nm			5.4mb					ePP	41	13.00		JACH	1.48	61	iPc	50	56.20	0.2			
DMN	93.46	298	eP	31	09.80	1.4	UCC	146.42	342	PKPc+	37	34.00	2.2	FCH	1.54	87	iPd	50	56.90	-0.2			
	1.2s	68.00nm			6.0mb		WLF	146.85	339	PKPc	37	34.30	1.8	MDZ	2.80	80	eP	51	20.00	5.2X			
NEW	94.28	40	P	31	12.00	0.6	GWF	146.91	337	ePKP	37	33.20	0.5				i(S)	51	53.80				
	1 0s	4.50nm			4.9mb		BUH	146.94	336	ePKP	37	34.20	1.4	RFA	3.33	115	iPc	51	24.00	1.7			
ALQ	96.83	55	P	31	23.00	-0.6	DOU	146.97	341	PKPc	37	34.10	1.4				S	52	15.00				
	1.0s	3.00nm			4.8mb		BNG	147.31	247	iPKPc	37	33.70	-0.7	CFA	3.74	62	ePc	51	28.70	0.5			
WMQ	97.06	314	P	31	24.00	-0.2		1.2s		154.00nm							S	52	20.00				
BDW	97.13	47	eP	31	25.10	0.3				id	37	37.50		TCA	6.70	74	e(P)	52	10.60	0.6			
	1.1s	2.59nm			4.7mb					ic	37	50.90					S	53	26.00				
LTX	97.30	62	eP	31	27.00	1.3	CDF	147.51	337	iPKPc	37	35.70	1.9	CYA	7.35	49	e(P)	52	16.00	-3.1X			
	1 1s	2.35nm			4.6mb			0.9s		75.30nm				VBA	9.46	122	eP	52	47.80	-0.6			
YKA	101.12	27	ePdiff	31	43.10	1.0	SLE	147.57	335	ePKP+	37	36.10	2.3X	SLA	10.41	36	e(P)	52	57.00	-4.6X			
RSSD	101.38	47	e(Pdif	31	45.00	1.0	SAX	147.63	333	ePKP+	37	36.90	2.6X	ARE	16.89	2	e(P)	54	32.00	4.9X			
BUL	124.52	227	iPKPc	36	52.00	-0.5	OSS	147.72	332	ePKP+	37	37.00	2.7X	CNCB	16.95	14	P	54	30.00	1.9			
MTD	124.57	232	ePKP	36	52.00	-0.6	LLS	148.08	333	ePKP+	37	37.90	3.0X	LPB	17.19	13	eP	54	29.00	-2.1			
KEV	124.69	345	ePKP	36	50.00	-1.2	VDL	148.17	332	ePKP+	37	38.40	3.4X	ZOBO	17.45	13	ePc	54	34.50	0.1			
KRI	125.99	231	ePKP	36	55.00	-0.5	BSF	148.17	337	iPKPc	37	37.70	2.8X	S.D. = 1.0 on 16 of 20 obs.									
KJF	128.28	339	iPKP	36	58.10	-0.2		0.9s		51.50nm													
	0.8s	17.60nm					HAU	148.19	337	iPKPc	37	37.60	2.8X	? JUN 25, 1985 16h 37m 53.97± 8.32s									
		i		37	12.00			0.9s		63.00nm				31.598 S ±39.3km 69.689 W ±66.9km									
SUF	129.79	339	ePKP	37	01.00	-0.2	TMA	148.73	333	ePKP+	37	38.70	2.8X	DEPTH = 154.0 ± 39.4 km									
NUR	131 80	337	iPKP	37	04.40	-0.6	MMK	149.16	333	ePKP+	37	41.00	4.3X	SAN JUAN PROVINCE, ARGENTINA (137)									
	0.8s	17.60nm					FIR	149 33	327	ePKP	37	42.00	5.4X										
NB2	135.59	345	PKP	37	11.40	-0.9	DIX	149.37	334	ePKP+	37	41.80	4.8X	RTCB	0.77	82	iPd	38	17.70	0.0			
	0.8s	4.40nm					FLN	149.55	346	ePKP	37	40.60	3.8X				S	38	31.20				
HFS	135.68	342	ePKP	37	11.80	-0.7		0.7s		31.90nm				RTCV	1.02	105	iPd	38	19.20	-0.4			
	0.7s	3.20nm					EMS	149.57	335	ePKP+	37	41.90	4.7X				S	38	34.00				
SOB1	139.16	132	ePKP	37	11.50	-8.9X	LDF	149.63	345	ePKP	37	41.00	4.1X	RTLL	1.08	76	iPd	38	20.30	0.2			
		e		37	19.90			0.8s		21.50nm							S	38	36.30				
		e		37	21.40		LOR	149.69	339	iPKPc	37	41.20	4.1X	CFA	1.24	91	iPd	38	21.40	-0.2			
		e		37	25.50		LBF	149.90	339	iPKPc	37	41.80	4.3X				S	38	38.50				
		e		37	33.60			0.8s		18.10nm				MDZ	1.47	151	iP	38	24.40	0.5			
SPC	141.10	327	ePKP	37	23.20	0.1	GRC	149.92	340	iPKPc	37	41.90	4.5X				i	38	39.70				
ITR	141.19	134	ePKP	37	15.40	-8.6X				i	37	49.10					iS	38	43.90				
KSP	141.91	332	ePKP	37	19.00	-5.2X	SSF	149.99	340	iPKPc	37	42.10	4.5X	RFA	3.33	162	iPc	38	46.00	-0.3			
		e		41	02.00		GRR	149.99	346	ePKP	37	42.10	4.6X	TCA	4.36	88	iPc	39	00.00	0.1			
CLL	142.97	335	iPKP	37	22.00	-4.0X		0.6s		26.90nm							S	39	45.00				
	1.4s	16.00nm					LPG	150.11	334	iPKPc	37	43.10	4.9X	S.D. = 0.4 on 7 of 7 obs.									
PRU	143.30	332	ePKP	37	22.50	-4.1X		0.9s		52.70nm													
		e		38	46.50		SMF	150.24	339	iPKPc	37	42.90	4.9X	* JUN 25, 1985 17h 06m 02.69± 0.39s									
ZST	143.34	328	ePKP	37	26.20	-0.5		1.0s		38.90nm				19.601 S ± 8.7km 168.737 E ± 9.1km									
EKA	143.72	352	PKP	37	25.00	-2.1	AVF	150.28	340	iPKPc	37	42.60	4.6X	DEPTH = 33.0km (normal)									
	0.5s	3.00nm						1.0s		28.10nm				4.3mb (3 obs.)									
SOP	143.95	328	ePKPc	37	26.00	-1.8	LPF	150.37	346	ePKP	37	42.90	4.8X	VANUATU ISLANDS (186)									
	1.2s	31.70nm						0.8s		65.90nm													
WIT	143.96	341	ePKP	37	27.00	-0.6	BGF	150.65	340	ePKP	37	43.50	4.9X	PVC	1.89	348	iPd	06	33.50	0.2			
VAY	143.97	315	iPKP	37	25.00	-3.0X		0.8s		36.10nm							iS	06	56.00				
MOX	144.04	335	iPKP	37	25.00	-2.8X	MZF	151.03	340	iPKPc	37	44.60	5.4X	NOU	3.44	218	iPd	06	56.50	1.2			
	1.2s	74.00nm						0.8s		13.00nm				KOU	4.30	256	iPd	07	09.30	1.9			
HOF	144.19	335	ePKP	37	25.80	-2.3X	TCF	151.09	340	iPKPc	37	44.50	5.2X				iS	08	01.60				
	0.8s	51.00nm						0.8s		29.20nm				SGE	8.94	79	eP	08	15.20	2.5			
KHC	144.36	332	iPKPd	37	26.70	-1.8	LSF	151.33	341	iPKPc	37	44.80	5.2X	BRS	16.56	239	eP	09	59.00	4.9X			
	1.1s	54.00nm						0.8s		28.40nm				CTA	21.15	265	iPc	10	54.60	7.2X			
		e		38	13.00		CVF	151.41	328	ePKP	37	45.30	5.4X		1.0s	10.50nm				4.2mb			
SKO	144.41	316	iPKPc	37	27.00	-1.7		0.8s		73.00nm				MNG	21.73	166	eP	10	52.90	-0.2			
	1.0s	130.00nm					MFF	151.48	344	ePKP	37	45.70	5.9X	TCW	22.06	169	eP	10	56.00	-0.3			

25d 17h

WB2	32.33	263	eP	12 31.70	0.5
			e	12 38.90	
WRA	32.34	263	Pc	12 39.30	8.0X
	0.7s	2.20nm		4.2mb	
WBN	39.26	252	eP	13 30.00	-0 1
MEK	46.45	252	eP	14 28.00	-0.6
SBA	58.30	180	e(P)	15 55.60	-0 6
SPA	70.52	180	eP	17 15 10	-1 0
	0.9s	6.82nm		4 7mb	
NB2	135.67	345	PKP	25 10 80	-10 3X
	0.7s	1.20nm			
SOB1	139.12	132	ePKP	25 26.50	-2.4X
VAY	144.02	314	ePKP	25 32.40	-4.3X
MOX	144.11	335	ePKP	25 32 50	-4 1X
	1.2s	18.00nm			
HOF	144.26	334	iPKP	25 33.20	-3.6X
KHC	144.43	332	iPKPd	25 34.00	-3.2X
SKO	144.47	316	iPKPc	25 34.40	-3.0X
	0.8s	40.00nm			
WTS	144.71	341	ePKP	25 34.60	-2.9X
	0.8s	8.00nm			
WET	144.73	332	iPKPd	25 35.00	-2.7X
GRF	145.01	334	ePKP	25 35.90	-2.2X
	0.9s	28.00nm			
OHR	145.30	315	ePKP	25 36.20	-2.7X
TNS	145.66	337	ePKP	25 37.80	-1.5
BHG	145.78	331	iPKPd	25 38.30	-1.2
KBA	146.02	329	iPKPd	25 38.20	-1.9
	1.2s	11.50nm			
ENN	146.05	340	ePKP	25 39.00	-0.8
			e	25 53.80	
LJU	146.15	327	e(PKP)	25 38.50	-1.7
MEM	146 16	340	PKP	25 38.80	-1.1
VOY	146.48	328	ePKP	25 38.60	-2.2
WLF	146.93	339	PKPc	25 42.00	0.8
			e	25 54.80	
GWF	146.99	337	ePKP	25 40.80	-0.6
DOU	147.05	341	PKPc	25 41.60	0.2
			e	25 56.30	
BNG	147.27	246	iPKPc	25 43.00	0.1
	1 0s	38.00nm			
			ic	25 57.00	
CDF	147.59	337	ePKP	25 43.00	0.5
	0.7s	14.30nm			
SLE	147.64	335	ePKPd	25 42.90	0.4
SAX	147.70	333	ePKPd	25 43.70	0.7
OSS	147.79	332	ePKPd	25 44.30	1.3
LLS	148.15	333	ePKPd	25 44.60	1.0
BSF	148.25	337	ePKP	25 44.70	1.1
	0.8s	9.90nm			
HAU	148.27	337	ePKP	25 44.80	1.3
	0.7s	12.70nm			
TMA	148.80	332	ePKPd	25 46.10	1.5X
MMK	149.23	333	ePKPd	25 48.20	2.8X
DIX	149.44	334	ePKPd	25 48.70	3.0X
FLN	149.64	346	ePKP	25 47.80	2.3X
	0.8s	13.40nm			
LDF	149.71	345	ePKP	25 48.00	2.3X
	0.8s	5.30nm			
LOR	149.77	339	ePKP	25 48.20	2.4X
	0.7s	31.50nm			
LBF	149.98	339	ePKP	25 48.90	2.7X
	0.8s	5.80nm			
GRC	150.00	340	iPKPc	25 49.00	2.9X
				25 55.60	
SSF	150.07	340	ePKP	25 49.20	2.9X
	0.8s	16.10nm			
GRF	150.07	346	ePKP	25 49.20	3.0X
	0 8s	11.60nm			
LPG	150.18	334	ePKP	25 50.30	3.4X
	0.8s	12.90nm			
SMF	150.32	339	ePKP	25 49.70	3.0X
	0.9s	4.90nm			
AVF	150.35	339	ePKP	25 49.50	2.8X
	0.8s	4.20nm			
LPF	150.45	346	ePKP	25 50.00	3.2X
	0.8s	22.40nm			
BGF	150.73	340	ePKP	25 50.70	3.4X
	0 6s	6 50nm			
MZF	151.11	340	ePKP	25 51.80	3.9X
	0.8s	2.50nm			
TCF	151.17	340	ePKP	25 51.50	3.5X
	0.8s	8.40nm			
LSF	151.41	341	ePKP	25 51.90	3.6X
	0.8s	9 00nm			
CVF	151.48	328	ePKP	25 52.50	3.9X
	0.8s	20.40nm			

MFF	151.57	344	ePKP	25 52.70	4.2X
	0.9s	6.50nm			
FRF	151.78	332	ePKP	25 53.00	4.1X
	0.8s	10.20nm			
LRG	151.99	332	ePKP	25 53 80	4.6X
	0.8s	13.40nm			
LMR	152.02	332	ePKP	25 53.60	4.3X
	0.8s	13 40nm			
RJF	152.26	340	ePKP	25 54.20	4 6X
LFF	152.84	341	ePKP	25 55.60	5.2X
LPO	152.93	340	ePKP	25 55 80	5.3X
	0.8s	5.30nm			
S.D = 1.2 on 29 of 69 obs.					

? JUN 25, 1985 17h 54m 49.42± 5.65s
33.476 S ±10.6km 71 962 W ±49.0km
DEPTH = 33 0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.66	136	iPc	55 02.00	-0.3
			iS	55 09.50	
ROCH	0.94	58	iPd	55 06.00	-0.5
PEL	1.12	73	iP	55 08.70	-0.2
			iS	55 18.00	
CHCH	1.18	113	iPc	55 09.20	-0.6
PCH	1.22	97	iPc	55 09.80	-0.5
BACH	1.24	85	iPd	55 10.60	0.1
			iS	55 25.00	
JACH	1 40	56	iPc	55 13.50	0.6
MDZ	2.68	78	eP	55 37.20	6.0X
			e	55 47.10	
			iS	56 10.60	
RFA	3 17	115	e(P)	55 39 60	1.3
TCA	6.59	73	ePc	56 24.20	-2.4X
			S	57 42.70	
S.D = 0.8 on 8 of 10 obs.					

• JUN 25, 1985 17h 56m 14.62± 0.75s
4 958 S ±10.3km 154.032 E ± 8.1km
DEPTH = 123.8 ± 8.8 km
4.8mb (5 obs.)
SOLOMON ISLANDS (193)

BGA	1.65	136	iPd	56 43.80	-0.7
			eS	57 08.00	
PAA	1.97	133	iPd	56 48.00	-0.4
			eS	57 16.00	
RAB	2.01	292	iPd	56 48.50	-0.3
			iS	57 16.00	
SVO	7.09	126	e(P)	57 59.00	1.8
HNR	7.36	127	P	58 00.00	-0.9
PMG	8.13	237	eP	58 12.50	1.2
CTA	16.84	206	iPc	00 04.90	0.6
	0.8s	7.46nm		4.0mb	
PJG	20.55	334	eP	00 46.10	0.8
RMO	22.00	193	eP	01 00 00	0.3
BRS	22.34	183	iPc	01 03.50	0.5
WRA	24.27	230	Pd	01 21.70	-0.1
	0.5s	10.30nm		4.6mb	
WBN	33.66	228	eP	02 45.00	-0.7
	0.5s	9.00nm		4.8mb	
KLG	39.98	226	iPd	03 38.90	0.2
	0 4s	11.00nm		5.0mb	
MEK	40.14	234	iPd	03 39.50	-0.6
	0.5s	16.00nm		5.1mb	
MRWA	43.31	232	iPc	04 04.40	-1.5
S.D. = 1.0 on 15 of 15 obs.					

• JUN 25, 1985 19h 10m 22.62± 0.72s
21.335 S ± 8.1km 68.086 W ±12.6km
DEPTH = 146.7 ± 11.3 km
5.1mb (1 obs.)
CHILE-BOLIVIA BORDER REGION (124)

TPZ	0.60	258	P	11 01.00	16.2X
			iS	11 29.00	
YJA	2.54	110	iPc	11 04.50	-0.5
			S	11 35.50	
ANT	3.19	222	iP	11 13.80	0.9
			iS	11 49.00	
SLA	4.14	145	iPd	11 25.10	-0.4
			(S)	12 12.00	
CNCB	4.50	1	iP	11 32.00	1.2
			S	12 25.00	
LPB	4.78	360	iPc	11 35.00	0.7
			(S)	12 30.00	
ZOBO	5.04	360	Pd	11 38.00	0.1

	0.4s	50.55nm		5.1mb	
			S	12 32.00	
ARE	5.82	326	iP	11 46.00	-2.2
			iS	12 48.50	
TCA	10.44	163	ePd	12 44.90	-4.7X
YKA	91.29	340	P	23 12.00	0.0
GBA	146.28	97	PKP	29 47.00	0.2
	0.4s	7.40nm			
S.D. = 1.3 on 9 of 11 obs.					

? JUN 25, 1985 20h 00m 44.60± 2.65s
0.211 S ±18.3km 80.426 W ±29.4km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
NEAR COAST OF ECUADOR (105)

OUR	1.90	89	iP	01 15.90	0.2
			iS	01 40.40	
BOG	7.96	53	eP	03 06.00	24.7X
			eS	05 05.00	
HUA	12.80	157	iP	03 47.90	0.5
			e(S)	06 09.40	
ZOBO	20.05	143	ePc	05 18.20	-0.4
LPB	20.27	144	P	05 21.50	0.8
CNCB	20.55	144	P	05 23.00	-0.9
TPZ	24.02	152	eP	06 13.00	15.0X
ITR	42.68	103	eP	08 39.70	-0.7
	0.7s	3.80nm		4.2mb	
KIC	75.80	83	eP	12 30.30	0.5
S.D. = 0.8 on 7 of 9 obs.					

JUN 25, 1985 20h 21m 59.12± 0.69s
27.840 N ± 6.0km 126.156 E ± 6.2km
DEPTH = 50.7 ± 9.9 km
4.8mb (9 obs.)
EAST CHINA SEA (234)

KMJ	1.61	159	Pd	22 28.10	2.6
			S	22 44.60	
NGO	2.04	127	eP	22 32.00	0.4
			S	22 54.10	
NAH	2.11	140	eP	22 31.00	-1.7
			eS	22 53.00	
ANP	4.93	239	eP	23 43.00	30.4X
TATO	5.07	237	eP	23 13.00	-1.5
KAG	5.34	45	eP	23 24.00	5.8X
SSE	5.41	308	eP	23 19.00	-0.3
			i	23 47.00	
			Lg	24 56.90	
QZH	7.37	249	eP	23 45.20	-1.5
SHK	8.70	38	eP	24 05.60	0.5
SEO	9.72	4	iP	24 15.50	-3.6X
TIA	11.32	320	eP	24 47.60	6.6X
DL2	11.66	342	eP	24 47.20	1.7
MAT	13.39	47	(P)	25 08.00	-0.4
	1.4s	55.81nm		5.2mb	
Z	20s	1.24um			
			eS	27 50.00	
OYM	13.46	53	eP	25 19.20	9.8X
DDR	13.73	50	eP	25 17.60	4.7X
SNY	14.11	352	Pc	25 18.00	0.2
TSK	14.47	51	eP	25 22.10	-0.4
BJI	14.71	328	eP	25 26.50	1.0
			eS	28 25.00	
TIY	15.15	314	eP	25 38.60	7.1X
CN2	15.94	358	Pc	25 40.60	-0.8
			pP	25 45.00	
			ePP	25 56.00	
XAN	16.02	297	eP	25 46.20	3.6X
MDJ	16.97	8	eP	25 53.30	-1.1
			eS	29 04.00	
HHC	17.68	321	Pc	26 10.00	6.7X
			S	29 37.00	
BTO	18.40	318	eP	26 18.00	5.8X
			S	29 50.00	
CD2	19.75	284	iPc	26 27.80	0.1
			iS	30 18.50	
LZH	20.61	299	eP	26 37.50	0.8
			eS	30 36.00	
KMI	21.13	268	eP	26 42.00	-0.1
GUA	22.54	125	eP	26 36.40	-19.6X
GTA	24.69	305	P	27 17.40	0.5
			sS	31 51.00	
CHG	26.50	256	eP	27 35.00	1.2
WMQ	34.67	308	P	28 45.00	-0.9
PKI	35.96	279	eP	28 57.00	-0.3
	0.6s	6.00nm		4.7mb	

```
DMN     36.22 279 eP     28 59.80   0.4
        0.6s      6 00nm          4.7mb
WRA     48.16 170 Pc     30 32.30  -4.0X
        0.6s      1.60nm          4.2mb
MHI     56.14 297 eP     31 38.00   2.0
SOD     68.18 336 eP     32 55.00  -0.9
KJF     68.85 332 iP     33 04.00   4.0X
        0.9s     16.90nm          5.0mb
SUF     70 04 331 eP     33 12.00   4.7X
        1 1s     24.80nm          5.1mb
NUR     71.56 329 iP     33 16.00  -0.5
        0.8s     22.00nm          5.1mb
                 '        33 21.00
UPP     74.99 330 iP     33 36.40  -0.1
                 '        33 41.10
HFS     76.54 332 eP     33 44.30  -1.0
        0.2s      1.00nm          4.5mb
NB2     77.05 333 P      33 46.80  -1.4
        1.2s     12.30nm          4.8mb
KRA     78.71 321 eP     34 02.50   5.0X
KSP     80.30 323 eP     34 11.50   5.5X
VAY     81.44 312 eP     34 17.60   5.4X
BRG     81.53 324 e(P)   34 18.00   5.5X
PRU     81.71 323 eP     34 19.00   5.6X
CLL     81.77 324 e(P)   34 19.00   5.3X
SKO     81.85 313 eP     34 20.00   5.7X
KHC     82.71 322 eP     34 20.20   1.5
      S.D = 1.2  on  29 of  50 obs.

&  JUN  25, 1985  20h 26m 18.40s
   31.750 N          115.860 W
   DEPTH =   6.0km  (geophysicist)
 BAJA CALIFORNIA                 ( 48)
      <PAS-P>. ML 3.8 (PAS).

IKP      0.92 347 iPc    26 35.80  -0.6
                 eS      26 47.50
BAR      1.15 324 iPd    26 38.90  -1 5
CPE      1.54 317 iPc    26 45.10  -1.3
GLA      1.57  34 eP     26 45.60  -1.2
SLBC     1.73 317 eP     26 48.00  -1.1
                 eS      27 10.10
HAY      1.96   5 eP     26 51.40  -1.2
SDW      3.03 341 eP     27 06.70  -1.2
VPEM     4.49 339 eP     27 35.50   6.8
      8 obs. associated

*  JUN  25, 1985  20h 31m 30.89± 0.82s
   13.500 N ±13.9km   89.864 W ± 9.2km
   DEPTH =  33.0km  (normal)
   4.6mb (  6 obs.)
 EL SALVADOR                     ( 73)

COM      3.50 322 iP     32 29.00   4.4X
PBJ      6 10 299 iP     32 56.00  -5.2X
VHO      7.59 300 iP     33 20.50  -1.8
                 iS      34 37.00
TPM     10.38 303 iP     34 01.00   0.2
OXM     11.05 303 iP     34 11.00   0.9
LTX     20.30 323 iP     36 07.10   0.2
        1 0s     4.40nm          3.8mb
BHO     21.28 349 eP     36 17.30   0.6
TUL     22.94 348 eP     36 33.30   0.0
        0.7s     20.90nm          4.7mb
OCO     22.98 344 eP     36 34.00   0.4
RLO     23 04 349 eP     36 34.90   0.6
FUR     34.62 323 iP     38 19.80   0.4
        0.2s     11.16nm          5.4mb
BMN     35.97 323 iP     38 31.00   0.2
        0.8s     4.26nm           4.4mb
FFC     42.21 350 eP     39 22.00  -0.2
SCH     45.00  19 eP     39 44.50  -0.4
YKA     52.00 346 P      40 39.20   0.2
FRB     52.35  12 eP     40 40.00  -1.6
SOB1    53.59 112 eP     40 51.90   0.4
        0.7s      5.50nm          4.7mb
ITR     55.65 111 eP     41 06.50   0.0
        1.1s      7.30nm          4.6mb
CTA    126.08 255 iPKPc  50 58.00  25.7X
GBA    150.28  26 PKPc   51 20.40   4.7X
        0.4s     8.20nm
      S.D. = 0.8  on  16 of  20 obs.

*  JUN  25, 1985  21h 25m 42.78± 0.96s
   39.859 N ±10.3km   76.751 E ±15.2km
   DEPTH =  33.0km  (normal)
   4.7mb (  4 obs.)
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 SOUTHERN XINJIANG, CHINA        (321)

NDI     11.16 178 iPc    28 24.00   1.0
        0.5s      7.04nm          5.1mb
                 eS      30 29.00
QUE     12.54 223 eP     28 43.00   1.1
KKN     13.96 147 eP     28 59.40  -1.3
        0.4s     18.00nm          5.2mb
MHI     14.05 261 eP     29 00.00  -1.7
                 eS      31 32.00
KJF     37.36 327 eP     32 55.00   1 4
NUR     37.94 321 eP     32 58.00  -0.5
SOD     38.78 332 eP     32 55.00 -10.4X
HFS     43.35 319 eP     33 42.80  -0.3
        0.2s      1.00nm          4.2mb
NB2     44.54 321 P      33 53.00   0.2
        0.5s      1.60nm          4 1mb
      S.D. = 1.3  on   8 of   9 obs.

*  JUN  25, 1985  21h 54m 08.66± 0.64s
   55.830 S ±12.5km   27.291 W ±22.2km
   DEPTH =  33.0km  (normal)
   4.9mb (  3 obs.)
 SOUTH SANDWICH ISLANDS REGION   (153)

SPA     34.35 180 e(P)   00 54.00  -0.1
VAO     35.87 328 eP     01 08.50   1.2
MAW     40.36 144 eP     01 45.00   0.8
BAO     43.14 330 e(P)   02 08.00   0.3
SOB1    47.72 342 eP     02 44.20   0.1
        0.7s      9.80nm          4.9mb
ITR     47.76 345 eP     02 43.50  -0.9
        0.7s      4.80nm          4.6mb
                 e       02 47.80
KIC     64.72  25 eP     04 46.20   0.6
BNG     70.82  49 iPd    05 23.40  -0.5
        0.6s      8.00nm          5.0mb
KKN    125.08  91 ePKP   13 02.00  -5.0X
        0.7s     12.00nm
INK    145.58 321 ePKP   13 42.00  -1.3
                 pP      14 07.00
COL    150.33 312 ePKP   13 54.00   3.0X
      S.D. = 0.9  on   9 of  11 obs.

*  JUN  25, 1985  21h 55m 37.58± 1.69s
   37.146 S ±22.6km  142.234 E ±13.3km
   DEPTH =  33.0km  (normal)
 NEAR S.E. COAST OF AUSTRALIA    (603)
      ML 3.3 (TOO), 3.1 (STK).

BFD      0.25  97 iPd    55 43.10  -1.6
TOO      2.63 100 eP     56 20.00   1.3
                 e(S)    56 52.00
                 e       56 59.00
ADE      3.59 306 e(P)   56 32.50   0.2
STK      5.28 354 iPc    56 56.20   0.0
                 eS      57 52.00
WAM      5.43  82 eP•    56 58.60   0.3
                 iS      58 23.70
CAN      5.76  74 eP•    57 02.80  -0.3
                 eS      58 34.40
CMS      6.38  29 eP     57 16.00   4.3X
                 e(S)    58 18.00
      S.D. = 1.2  on   6 of   7 obs.

?  JUN  25, 1985  22h 16m 15.55± 4.35s
     0.389 N ±38.9km  123.580 E ±54.1km
   DEPTH = 256.6 ± 56.5 km
   4.2mb (  5 obs.)
 MINAHASSA PENINSULA             (265)

MTN     15.13 151 iPd    19 38.80   0.3
KNA     16.83 163 eP     19 57.00  -0.8
WRA     22.79 153 Pd     20 58.00   0.5
        0.4s      5.20nm          4.4mb
CHTO    30.33 309 eP     22 05.80   0.2
        0.8s      2.20nm          3.8mb
PKI     45.49 310 eP     24 11.50  -0.4
        0.4s      4.00nm          4.1mb
KKN     45.70 310 eP     24 13.20  -0.2
        0.4s      4 00nm          4.1mb
DMN     45.75 310 eP     24 13.70  -0.1
GBA     47.53 288 P      24 28.00   0.6
        0.8s     12.20nm          4.3mb
      S.D. = 0.6  on   8 of   8 obs.

*  JUN  25, 1985  23h 17m 11.30± 0.76s
   6.671 S ±11.2km  152.880 E ± 7 4km
   DEPTH =  33.0km  (normal)
   3.5mb (  1 obs.)
 NEW BRITAIN REGION              (192)

BIAL     2.27 307 iPd    17 47.50   0.3
BGA      2.34  77 iPd    17 48.90   0.5
                 eS      18 16.00
RAB      2.56 344 e(P)   17 51.00  -0 4
                 iS      18 19.00
PAA      2.62  82 iPd    17 52.30   0.0
                 eS      18 25.00
LMG      5.19 244 eP     18 29.00   0.2
PMG      6.29 244 eP     18 45.50   1.3
SVO      7.30 110 e(P)   19 09.00  10.6X
WRA     22.31 232 Pc     22 05.90  -1.8
        0.8s      1.70nm          3.5mb
      S.D. = 1.2  on   7 of   8 obs

   JUN  25, 1985  23h 59m 24.76± 0.26s
   13.660 S ± 5.5km   76.267 W ± 7.3km
   DEPTH =  46.3km  (  7 depth phases)
   4.7mb ( 12 obs.)
 NEAR COAST OF PERU              (115)
      Felt at Ica and Lima.

ZOBO     8.29 109 P      01 29.50   3.7X
        1.0s     82.50nm          5.6mb X
LPB      8.39 111 iPc    01 32.00   4.9X
        1.0s     80.00nm          5.6mb X
                 LR      04 24.00
CNCB     8.59 112 P      01 36.50   6.6X
                 (S)     03 48.00
ANT     11.42 152 eP     02 05.00  -3.1X
PSO     14.79 356 eP     03 02.00   8.8X
SLA     14.98 139 eP     02 55.00  -0.3
BOG     18.29   7 eP     03 42.50   5.2X
                 eS      07 19.00
JACH    19.63 166 eP     03 52.00  -0.6
ROCH    19.81 167 eP     03 53.00  -1.6
PEL     20.05 166 iP     03 56.50  -0.4
BACH    20.30 166 iPd    04 01.70   2.2
TCA     20.61 151 iPd    04 02.00  -0.7
SDV     23.09  14 eP     04 32.60   4.9X
GUV     25.02  32 P      04 37.50  -8.6X
CAR     25.74  22 eP     04 54.00   1 0
ATB     25.88  69 e(P)   04 54.50   0.3
BAO     27.42  98 eP     05 07.60  -0.9
VAO     29.27 113 eP     05 25.10   0.0
SOB1    34.93  87 eP     06 15.00   0.4
ITR     37.41  87 eP     06 35.20  -0.3
        1.5s     16.00nm          4.7mb
PRM     47.83 353 eP     07 59.20  -0.6
JCT     49.39 333 eP     08 14.00   2 0
                 epP     08 26.00   43km
LTX     50.27 328 eP     08 19.00   0.2
        1.0s     4.00nm           4.4mb
                 e       08 32.50   50km
FVM     53.06 346 P      08 39.00  -0.6
ALQ     56.19 330 eP     09 02.00  -0.7
        1.0s     8.25nm           4.7mb
                 epP     09 15.50   49km
MNT     58.93   2 iPc    09 21.30  -0.2
GLD     59.58 334 P      09 27.00   0.6
        1.0s     10.00nm          4.9mb
BAR     60.12 321 eP     09 37.00   7.0X
PLM     60.70 321 eP     09 50.00   15 9X
TPC     60.73 323 eP     09 34.00  -0.2
RVR     61.45 322 eP     09 39.00   0 6
GSC     62.01 323 eP     09 43.00   0.1
MWC     62.02 321 eP     09 43.00  -0 1
SBB     62.19 322 eP     09 44.00  -0 1
RSSD    62.83 338 eP     09 47.80  -0 5
        1.0s     4.50nm           4.6mb
CLC     62.83 323 eP     09 48.00  -0.3
BDW     63.93 333 eP     09 54.30  -1.3
        0.9s     3.08nm           4.4mb
EUR     64.52 327 iP     10 00.00   0.5
        0.2s    10.61nm           5.5mb
BMN     65.87 327 eP     10 08.30   0.3
        0.8s     1.18nm           4.0mb
                 e       10 21.10   44km
RSON    66.03 348 iP     10 07.40  -1.3
        0.9s    12.60nm           5.0mb
                 e       10 21.10   48km
LRM     67.61 333 eP     10 28.90   9.8X
SES     70.69 337 ePc    10 36.80  -0.9
```

26d 00h

		pP	10 49.00	41km	
FFC	71 52 345	eP	10 42.00	-0 6	
NEW	71.53 333	P	10 42.00	-0.9	
	1.0s	6.00nm		4.5mb	
		pP	10 56.00	49km	
KIC	73.72 79	iPc	10 56.60	0.3	
EDM	73.81 338	iPc	10 55.50	-0.6	
SPA	76.43 180	eP	11 12.00	0 9	
	1.0s	13.50nm		4.9mb	
FRB	77.39 4	eP	11 16.00	-0.1	
YKA	81.59 343	P	11 39.70	0.9	
INK	91.27 342	eP	12 27.00	1.0	
BNG	95.70 87	iPc	12 48.30	0.6	
	0.5s	7.00nm		5.4mb	
WRA	135.03 223	PKP	18 43.00	1.5	
	0.3s	0.30nm			
NDI	151.20 55	ePKP	19 10.00	1.0	
BJI	151.54 340	ePKP	19 14.50	5.4X	
	S.D. = 0.9	on 42 of 54 obs.			

? JUN 26, 1985 01h 17m 23.99±10.37s
24.334 N ±74.0km 122.790 E ±42.4km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC	0.90 288	iPd	17 40.50	-0.7	
TWD	1.12 257	iPd	17 49.00	4.0X	
TWZ	1.34 305	iPd	17 49.00	0.3	
		eS	18 00.50		
TATO	1.35 299	iP	17 49.30	0.5	
		eS	18 07.50		
ANP	1 43 306	eP	17 50.50	0.4	
SSE	6 88 348	P	19 07.20	-0.2	
		eLg	21 04.00		
	S.D = 0.7	on 5 of 6 obs.			

• JUN 26, 1985 02h 00m 05.57± 0.95s
32 483 S ± 9.8km 67.202 W ± 9.1km
DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)

CFA	1.24 314	iPd	00 27.40	0.7	
		S	00 46.00		
RTCV	1 29 298	iPd	00 28.30	0.8	
		S	00 47.20		
MDZ	1.45 254	eP	00 52.10	22.4X	
RTLL	1.58 317	iPd	00 31.00	-0.6	
		S	00 51.30		
PTCB	1.68 306	iPd	00 32.30	-0.9	
TCA	2.50 63	iPd	00 44.90	0.1	
		S	01 14.20		
RFA	2.51 204	ePc	00 45.00	-0.1	
	S.D. = 0.9	on 6 of 7 obs.			

• JUN 26, 1985 02h 20m 38.68± 0.87s
46.093 N ±10.5km 27.220 E ± 9.2km
DEPTH = 10.0km (geophysicist)
ROMANIA (358)

PPE	0.30 66	iP	20 45.00	0.0	
VRI	0.41 237	iPc	20 47.00	-0.1	
CLI	0.46 5	iPc	20 48.00	0.0	
CVO	0.78 250	iPd	20 54.00	0.1	
MLR	1.08 236	iPc	20 59.00	0.0	
	S.D. = 0.1	on 5 of 5 obs.			

• JUN 26, 1985 02h 36m 20.40± 0.82s
0.501 S ± 9.0km 80.495 W ±13.3km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
NEAR COAST OF ECUADOR (105)

PSO	3.59 62	iP	37 16.50	1.0	
BOG	8.20 52	eP	38 20.50	0.1	
		eS	40 22.00		
HUA	12.56 156	eP	39 22.30	2.2	
APE	18.17 151	e(P)	40 37.00	4.7X	
ZOBO	19 86 143	ePc	40 52.50	0.1	
LPB	20 08 143	ePc	40 54.00	-0.5	
	1.0s	24.00nm		4.5mb	
		eLR	50 08.00		
CNCB	20 36 143	eP	40 56.00	-1.7	
		(S)	45 15.00		
SJG	23.26 37	e(P)	41 26.00	-0.1	
JCT	35.87 331	eP	43 20.00	0.6	
	1.1s	11.39nm		4.7mb	
SOB1	40.35 104	eP	43 52.40	-4.7X	

ITR	42.69 102	eP	44 14.20	-2.1X	
	1.0s	8.60nm		4 4mb	
ALQ	42.81 328	eP	44 28.00	10.9X	
	0.9s	5.88nm			
RSSD	49.14 338	eP	45 10.30	3.0X	
BMN	52.69 325	eP	45 35.00	0.8	
KIC	75.90 83	eP	48 04.80	-1.4	
MBC	79.75 351	eP	48 25.00	-1.2	
	S.D. = 1.3	on 11 of 16 obs.			

JUN 26, 1985 03h 05m 39.91± 0.19s
9.434 N ± 2.9km 124.281 E ± 4.0km
DEPTH = 538.2 ± 2.5 km
5.3mb (40 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 22C
Centroid Location:
Origin Time 03:05:43.7 0.5
Lat 9.27N 0.06 Lon 124.40E 0.05
Dep 528.2 3.4 Half-duration 1.9
Moment Tensor; Scale 10**24 D-CM
Mrr=-1.06 0.06 Mtt=-0.26 0.09
Mff= 1.32 0.11 Mrt=-1.06 0.10
Mrf= 0.05 0.09 Mtf= 0.13 0.08
Principal Axes:
T Val= 1.33 Plg= 1 Azm= 95
N 0.47 35 186
P -1.80 55 4
Best Double Couple:Mo=1.6*10**24
NP1:Strike=155 Dip=54 Slip=-135
NP2: 35 55 -46

CGP	1.05 157	iPc	06 44.50	-2.3	
	1.0s	91.50nm			
DAV	2.66 151	iPd-	06 52.90	0.4	
OCP	6.05 329	eP	07 14.00	-5 2X	
MAN	6.07 329	eP	07 19.00	-0.4	
		eS	08 44.50		
BAG	7.82 333	iPc+	07 35.90	-0 7	
KKM	8.67 248	iPc	07 44.90	-0 3	
PIP	9.53 338	ePc	07 52.00	-1.7	
AAI	13.60 163	ePc	08 37.00	1.6	
MKS	15.32 198	e(P)	08 50.00	-2.6	
TATO	15.68 351	eP	08 56.00	-0.1	
HKC	16.06 324	eP	09 00.60	0.8	
QZH	16.35 341	eP	09 03.00	0.4	
		iS	11 52.00		
OIZ	16.92 306	iPc	09 09.00	0.8	
		eS	11 58.00		
GZH	17.15 324	iPd	09 12.00	1.7	
		S	12 05.00		
GUMO	20.59 76	eP	09 43.80	0.7	
GUA	20.62 77	eP	09 43.40	0.0	
	0.7s	136.99nm		5.7mb	
		eS	13 01.50		
SSE	21.74 353	e(P)	09 33.40	-20.1X	
		i	09 54.30		
		S	12 12.00		
KGM	22.11 252	ePd	09 57.80	0.8	
TZZ	22.32 130	eP	09 59.70	0.7	
WHN	22.96 338	Pd	10 05.50	1.0	
		i	10 27.00		
		sP	12 32.00		
		iPcP	13 35.50		
		S	13 40.00		
		ScP	16 19.00		
NJ2	23.06 348	eP	10 06.20	0.7	
		sP	12 27.00		
		S	13 41.00		
MTN	23.16 163	iPd	10 05.10	-1.3	
	0.4s	66.00nm		5.6mb	
		eS	13 36.00		
LOE	23.30 292	eP	10 08.00	0.2	
IPM	23.57 260	ePd	10 10.30	0 0	
	0.9s	29.80nm		4.9mb	
		e	10 56.10		
		e	11 38.10		
GYA	23.77 318	P	10 12.60	0.5	
KNA	25.41 170	iPc	10 25.60	-1.0	
KHT	25.66 284	eP	10 29.30	0.4	
PPI	25.73 249	ePd	10 29.20	-0.2	
	0.8s	109.00nm		5.5mb	
KMI	25.75 310	iPd-	10 30.70	0.8	
	N 10s	0.50um			
		PPP	11 04.00		

		eS	14 15.00		
		sS	14 23.00		
PSI	26.07 257	ePd	10 33.50	1.0	
CHG	26.25 294	iPd	10 34.00	0.0	
	1.0s	25.00nm		4.8mb	
		eS	14 24.00		
TIA	27.44 347	Pd	10 43.80	-0.5	
		sP	13 12.00		
		PcP	13 45.80		
		S	14 48.20		
XAN	28.26 332	Pd	10 51.00	-0.5	
CD2	28.67 321	Pd	10 55.00	-0 1	
		S	15 04.50		
OYM	29.25 26	eP	10 58.20	-1.8	
SRY	29.42 25	eP	10 59.10	-2.4	
KYS	29.46 27	eP	10 58.40	-3.4X	
PMG	29.48 129	iPc	11 01.00	-1.1	
	1.0s	160.00nm		5.6mb	
DDR	29.72 25	eP	11 02.20	-1.9	
MAT	29.80 23	iPd	11 03.20	-1.5	
	1.5s	263.89nm		5.6mb	
		eS	15 25.00		
TIY	30.12 341	iPd	11 07.70	0.2	
TSK	30.29 26	eP	11 05.90	-3.0	
WRA	30.83 161	Pc	11 12.40	-1.2	
	0.5s	46.40nm		5.3mb	
WB2	30.83 161	iPc	11 12.20	-1.5	
		iS	15 33.30		
		ePcP	16 45.50		
BJI	31.32 348	Pd-	11 18.00	0.4	
		epP	12 50.00		
		ePcP	13 55.00		
		eS	15 44.00		
		eScP	16 48.50		
		ScS	20 47.50		
LZH	32.39 328	Pd	11 28.00	1.1	
	1.5s	364.00nm		5.8mb	
NAU	32.92 195	iPd	11 31.20	0.0	
HHC	33.26 342	iPd	11 34.60	0 6	
		S	16 21.00		
BTO	33.52 340	iPd	11 36.00	-0.2	
		S	16 23.00		
ASPA	34.22 164	iPc	11 42.00	-0.1	
		iS	16 27.00		
CN2	34.25 2	iPd	11 41.50	-0.7	
		PP	13 18.00		
		PcP	14 03.60		
		S	16 35.00		
		ScP	16 59.40		
		SS	19 30.00		
		ScS	21 03.00		
SHL	34.68 302	iP	11 46.10	-0.1	
MDJ	35.35 7	iPd	11 51.80	0.5	
		sP	14 25.00		
		eS	16 47.00		
		SS	19 48.00		
WBN	35.43 176	iPc	11 52.40	0.2	
MEK	36.26 189	eP	11 59.00	0.0	
CTA	36.45 144	iPc	12 01.50	0.9	
	0.9s	65.13nm		5.2mb	
LSA	36.95 308	Pc	12 05.50	0.3	
GTA	36.99 328	iPd	12 06.40	1.4	
		PcP	14 13.40		
		ScP	17 09.30		
		S	17 13.50		
		ScS	21 16.50		
MRWA	39.25 191	iPc	12 22.70	-0.7	
	0.4s	30.00nm		5.3mb	
BAL	40.47 190	iPc	12 32.30	-0.9	
PKI	40.81 302	iPd	12 36.40	-0.1	
KKN	40.99 302	iPd	12 37.80	0.0	
DMN	41.08 301	iPd	12 38.80	0.3	
KLB	41.27 188	iPc	12 39.00	-0.6	
MUN	41.89 190	iPd	12 44.00	-0.5	
	0.4s	8.00nm		4.6mb	
NWAO	42.66 189	iPc	12 50.20	-0.3	
	0.5s	63.00nm		5.4mb	
RMO	42.90 147	eP	12 53.00	0.4	
RKG	43.81 189	eP	13 03.00	3.4X	
STK	44.29 159	iPc	13 03.50	0.1	
	0.5s	54.00nm		5.3mb	
HYB	45.09 285	eP	13 09.50	-0.3	
CMS	45.62 154	iPc	13 14.20	0.5	
	0.4s	25.00nm		5.1mb	
BRS	45.85 144	iPc	13 15.70	0.2	
		i(pPP)	13 31.00		
		i(PcP)	14 43.00		

			e(PP)	14	56.00	
			iScP	18	44.00	
			eS	19	20.60	
GBA	46.04	280	P	13	16.70	-0.4
ADE	46.22	164	iPc	13	18.30	0.0
	0.8s		98.51nm			5.4mb
WMO	46.70	324	P	13	22.40	0.5
			PcS	18	38.50	
			S	19	33.00	
			ScS	22	16.00	
COO	47.81	147	eP	13	31.00	0.6
NDI	48.07	300	iPd	13	31.00	-1.4
			e(S)	19	47.00	
KOU	49.35	127	iPc	13	42.80	0.8
BFD	49.43	161	iPc	13	41.50	-0.9
CAN	50.27	154	eP	13	49.00	0.4
			eScP	18	02.50	
TOO	50.80	158	iPc	13	52.80	0.3
	0.6s		37.00nm			5.0mb
WAM	50.95	154	iPc	13	54.00	0.4
			eScP	18	05.50	
NOU	52.00	128	iPc	14	02.00	0.6
TAU	56.18	160	iPd	14	31.10	0.5
SMY	58.91	33	eP	14	49.70	0.7
ADK	63.74	36	iPc	15	21.00	0.5
MHI	64.18	306	iPd	15	23.60	-0.2
KRP	67.13	138	eP	15	40.00	-1.8
TCW	68.18	142	P	15	47.30	-0.8
MNG	68.59	140	P	15	49.90	-0.8
SHI	69.57	298	eP	15	55.00	-2.0
SDN	73.89	35	eP	16	20.70	-0.5
TTA	76.97	28	eP	16	39.00	0.9
BRW	77.58	19	eP	16	42.50	1.3
IMA	78.21	24	iPd	16	45.80	1.0
KDC	78.47	33	eP	16	46.70	0.6
PMR	80.15	29	eP	16	54.90	0.2
	1.0s		125.00nm			5.3mb
COL	80.65	26	eP	16	58.00	0.7
	0.7s		18.84nm			4.7mb
FBA	80.65	26	eP	16	56.70	-0.6
	0.7s		26.40nm			4.8mb
HRI	83.69	303	iP	17	14.00	0.5
KEV	83.73	340	eP	17	13.00	0.2
SOD	84.30	337	iP	17	14.80	-0.9
JER	84.33	301	iPd	17	14.50	-2.1
KJF	84.43	334	iP	17	15.50	-0.8
	0.6s		97.80nm			5.6mb
PRNI	84.69	300	iP	17	19.70	1.3
PNL	85.11	30	eP	17	21.10	1.3
SUF	85.40	333	iPd	17	20.60	-0.4
	0.4s		75.40nm			5.7mb
INK	85.79	21	iPd	17	22 90	0.1
	0.4s		26.00nm			5.3mb
MBC	86 95	12	iPd	17	28.80	0.5
	0.5s		77.00nm			5.7mb
ALE	88.14	1	eP	17	34.50	0.7
	0.6s		10.00nm			4.8mb
VRI	88.52	316	eP	17	37.00	0.8
MLR	89.13	316	eP	17	40.00	0.8
UPP	90.12	331	iP	17	42.20	-1.0
DAG	91.33	352	iPc	17	47.50	-1.0
	0.6s		66.67nm			5.8mb
HFS	91.87	332	ePKP	17	50.40	-0.9
	0 2s		56.20nm			6.2mb
KRA	91 89	321	eP	17	50.60	-1.0
			e	17	52.20	
VAY	92 51	312	iP	17	53.00	-1.6
NB2	92.63	333	P	17	53.40	-1.5
	0.7s		25.50nm			5.4mb
SKO	93.15	313	iP	17	56.30	-1.3
OHR	93.85	313	eP	17	58.50	-2.4
KSP	93.86	323	ePd	18	00.70	0.1
	0 9s		33.00nm			5.5mb
PRU	95 21	322	P	18	07.00	0.3
	1.2s		24.80nm			5.3mb
			e	22	00.50	
YKA	95.31	24	P	18	08.60	1.6
CLL	95.62	324	iPd	18	08.20	-0.4
	1.5s		44.00nm			5.5mb
KHC	96.10	322	iP	18	10.80	-0.1
	1.2s		24.00nm			5.3mb
MOX	96.69	324	iPc	18	14.00	0.6
	1.4s		44.00nm			5.6mb
GRB1	97.17	323	eP	18	16.00	0.4
	1.0s		34.00nm			5.6mb
WIT	98.52	327	eP	18	23.00	1.3
WTS	98.83	326	ePc	18	23.50	0.5

	1.0s		13.00nm			5.3mb
PNT	99.26	37	eP	18	26.00	0.9
	0.7s		5.00nm			5.1mb
ENN	99.89	325	iPc	18	28.60	0.8
MEM	99.92	325	P	18	28.10	0.2
CDF	100.20	323	ePdiff	18	29.50	0.2
	0.8s		5.30nm			5.0mb
WLF	100.28	324	Pdiff	18	30.70	1.2X
BSF	100.75	323	ePdiff	18	31.70	-0.1
DOU	100.96	325	Pdiffd	18	33.70	1.2
NEW	101.21	37	Pdiff	18	35.00	1.2
	1.0s		6.50nm			5.1mb
LBF	102.84	323	ePdiff	18	41.00	0.0
	0.9s		3.10nm			5.0mb
SMF	103.08	322	ePdiff	18	42.60	0.5
AVF	103.31	323	ePdiff	18	43.30	0.3
	1.0s		4.10nm			5.1mb
EUR	106.01	44	iPKP	23	05.20	0.6
	0.2s		5.02nm			
GLA	109.70	50	ePKP	23	13.00	1.5
RSSD	111.07	35	iPKP	23	14.30	0.3
	0.8s		7.75nm			
RSON	111.53	25	ePKP	23	13.30	-1.0
	0.8s		3.17nm			
ALQ	114.84	45	ePKP	23	22.00	0.4
LTX	119.85	48	ePKP	23	32.10	1.0
	1.0s		12.00nm			
OCO	120.41	39	e(PKP)	23	33.70	1.9
TUL	121.19	38	ePKP	23	34.10	0.8
	1.3s		28.70nm			
RLO	121.47	37	ePKP	23	34.00	0.2
JCT	121.98	45	iPKP	23	36.50	1.5
FVM	122.76	32	iPKP	23	36.10	-0.2
	0.9s		16.95nm			
BHO	122.77	38	ePKP	23	36.90	0.5
	0.7s		10.60nm			
KIC	126.84	285	iPKP	23	44.60	-0.2
RSCP	127.08	31	ePKP	23	44.30	-0.5
	0.8s		28.37nm			
PRM	129.87	29	ePKP	23	50.80	0.7
SJG	150.76	21	iPKPc	24	33.40	6.3X
TPZ	162.70	135	PKPc	24	46.50	4.5X
ITR	162.91	271	ePKP	24	42.80	0.9
VAO	164.12	211	e(PKP)	24	45.00	2.0
SOB1	165.37	270	ePKP	24	44.80	0.6
			e	25	46.50	
CNCB	165.99	123	iPKP	24	48.20	2.9X
LPB	166.03	122	iPKPc	24	48.00	2.9X
	1.0s		30.00nm			
ZOBO	166.13	121	ePKPc	24	47.10	1.7
BAO	170.26	230	e(PKP)	24	47.50	0.0

S.D. = 1.0 on 155 of 164 obs

JUN 26, 1985 04h 48m 51.79± 0.51s
41.152 N ± 6.4km 19.806 E ± 4.2km
DEPTH = 24.9 ± 4.6 km
3.9mb (3 obs.)

ALBANIA (391)

ML 4.3 (ATH), mbLg 3.8 (SKO).
Felt (V) at Cerrik.

OHR	0.75	93	iPgc	49	04.10	-2.1
			iSg	49	11.90	
SKO	1.47	56	iPgd	49	17.60	0.6
	0.5s		900.00nm			
			iSg	49	35.30	
KZN	1.72	119	ePn	49	21.80	1.3
			ePg	49	26.20	
			eSn	49	47.50	
GRG	1.97	95	iPb	49	25.40	1.2
			eSb	49	51.30	
VAY	2.09	84	iPn	49	25.00	-0.9
			iSn	49	51.60	
LIT	2.30	116	ePn	49	29.90	1.1
			eSn	49	58.80	
KNT	2.33	89	ePn	49	28.70	-0.6
			eSn	49	59.00	
THE	2.45	101	ePn	49	31.20	0.2
			eSn	50	01.60	
SOH	2.71	96	ePn	49	35.50	0.8
			eSn	50	07.80	
SRS	2.86	89	ePn	49	37.00	0.2
VTS	2.92	59	iPd	49	38.00	0.5
MMB	2.98	80	iPd	49	38.00	-0.6
			iS	50	17.00	
VLS	3.03	168	ePn	49	39.00	-0.2
PLD	3.79	74	iP	49	49.00	-1.0

SSR	3.97	20	eP	49	53.00	0 5
BLY	4.08	333	eP	50	10.70	16.6X
KDZ	4.20	81	iPd	49	55.00	-0.8
ATH	4.38	135	ePn	50	00.00	1.6
DIM	4.42	76	iP	50	04.00	5.0X
PVL	4.46	62	iPc	49	59.00	-0.5
EZN	5.14	103	iPn	50	08.20	-1.0
CMP	5.62	41	ePd	50	29.00	13.1X
KGT	5.73	95	iPn	50	16.80	-0 7
CEY	6.03	321	ePn	50	22.40	0.7
			eSn	51	31.90	
EDC	6.17	95	iPn	50	22.70	-1.0
LJU	6.21	324	ePn	50	24.50	0.3
	1.0s		170.00nm			5.8mb X
			eSn	51	35.50	
MLR	6.23	44	iPc	50	27.00	2.4
TRI	6.33	318	ePn	50	25.00	-0.9
			iSn	51	17.50	
			iSg	52	17.40	
VOY	6.50	321	ePn	50	28.20	-0.1
			eSn	51	42.20	
SRO	6.74	351	e(P)	50	42.60	10.9X
			e	52	43.60	
VRI	6.89	45	eP	50	34.00	0.2
DST	6.91	100	iPn	50	33.80	-0.3
ZST	7.30	346	eP	50	57.50	18.0X
			e	51	41.80	
KBA	7.53	324	iPnd	50	42.50	-0.4
	0.9s		11.80nm			5.0mb X
			i(sP)	50	53.30	
			iPgPg	51	21.20	
			iSn	52	09.90	
			i	53	10.40	
KHC	9.11	333	P	51	04.50	-0.1
			e	52	48.00	
			e	53	20.00	
PRU	9.57	339	eP	51	13.00	2.0
			e	52	22.00	
			e	53	25.00	
LPG	10.45	299	eP	51	21.70	-1.8
	0.6s		6.00nm			5.1mb X
BSF	11.44	310	eP	51	35.30	-1.4
HAU	11.78	310	eP	51	40.10	-1.1
	0.7s		6.30nm			5.0mb X
LBF	12.78	302	eP	51	55.30	0.6
LOR	12.96	303	eP	51	58.80	1.8
SLL	19.76	350	(P)	53	24.30	1.7
	0.5s		4.50nm			4.0mb
NB2	20.60	348	P	53	30.60	-0.8
	0.6s		1.10nm			3.4mb
SUF	21.93	8	iP	53	43.60	-1.2
	0.7s		4.80nm			4.0mb
KJF	23.54	9	eP	54	00.00	-0.6

S.D. = 1.1 on 40 of 45 obs.

? JUN 26, 1985 05h 12m 16.14± 1.52s
55.679 S ±18.6km 27.356 W ±42.6km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)

SOUTH SANDWICH ISLANDS REGION (153)

SPA	34.50	180	e(P)	19	03.00	0.1
VAO	35.72	328	eP	19	14.40	0.8
SOB1	47.57	342	eP	20	49.90	-0.5
	0.6s		3.00nm			4.5mb
			e	21	03.30	
CNCB	49.56	305	P	21	06.50	0.1
LPB	49.86	305	Pd	21	08.80	0.3
	1.0s		20.00nm			5.1mb
ZOBO	50.10	305	ePd	21	09.80	-0.7
INK	145.44	321	ePKP	31	50.00	-0.6X

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

% JUN 26, 1985 07h 12m 33.02± 2.46s
39.645 N ± 8.0km 26.250 E ±25.9km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

EZN	0.19	18	iPg	12	37.20	0.0
			iSg	12	42.10	
KGT	1.14	45	iPn	12	54.20	-0.2
MFT	1.39	34	iPn	12	58.70	0.2
EDC	1.42	60	ePn	12	58.20	-0.7
IZM	1.47	147	iPn	12	59.60	-0 1
KCT	1.73	69	ePn	13	04.00	0.7

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

26d 07h

JUN 26, 1985 07h 40m 45.07± 0.52s
45.689 N ± 4.9km 26 555 E ± 7.0km
DEPTH = 126.8 ± 6.0 km
3 9mb (3 obs.)
ROMANIA (358)

VRI	0.22	33	iPc	41 02.00	-0.1
CVO	0.30	297	iPc	41 03.00	0.6
ODB	0 36	76	iP	41 03.00	-0.3
BRD	0 39	116	iPc	41 04.00	0 6
FOC	0.44	89	iP	41 33.00	29.4X
MLR	0.47	245	iPc	41 03.00	-1.0
PPE	0.91	54	iPd	41 08.00	0.9
CLI	1 00	30	iPc	41 10.00	2.0
CMP	1.15	249	iPd	41 08.00	-1.5
DOC	1.22	0	eP	41 08.00	-2.2
MSR	1.26	287	iPc	41 10.50	-0.2
BUC1	1.39	196	iPc	41 12.00	-0.1
COZ	1.60	257	iPc	41 15.00	0.4
SRE	2.58	248	iP	41 27.00	0.3
PVL	2.73	202	iPc	41 29.00	0.4
			iS	42 00.00	
JMB	3.22	180	eP	41 35.00	-0.2
VTS	3.92	219	iP	41 44.00	-0.5
KDZ	4.14	193	iPd	41 47.00	-0.5
MMB	4.58	208	iPc	41 54.00	0.5
SKO	5.24	227	ePn	42 54.00	51.6X
SPC	5.53	312	eP	42 06.00	-0.5
OHR	6.21	225	ePn	42 52.00	36.4X
VOY	8.85	277	eP	42 52.40	1.1
KHC	9.45	296	eP	43 00.60	1.3
HFS	16.37	337	(P)	44 29.40	1.0
	0.3s		0.90nm		3.5mb
SUF	17.07	359	iP	44 36.40	-0.6
	0.5s		3.90nm		3.9mb
KJF	18 56	2	iP	44 52.80	-1.6
	0 5s		8.40nm		4.3mb
SOD	21 74	0	iP	45 26.90	0.2

S.D = 1.0 on 25 of 28 obs.

* JUN 26, 1985 09h 48m 42.32± 1.38s
22.497 S ±15.0km 170 260 E ±10.5km
DEPTH = 62.9 ± 17.1 km
LOYALTY ISLANDS REGION (189)

NOU	3.53	272	iPc	49 36.00	0.1
			iS	50 20.00	
PVC	5.07	339	iPc	50 02.00	4.3X
KOU	5.89	288	iPc	50 09.30	0.2
			iS	51 21.40	
SGE	8.70	57	eP	50 48.00	-0.1
KRP	16.03	165	eP	52 31.00	5.8X
BRS	16.59	249	eP	52 38.00	5.7X
MNG	18.60	167	P	52 56.90	-0.1
CTA	22.49	272	eP	53 43.00	5.4X
SBA	55.44	181	e(P)	58 07.00	-5.2X
CHG	80.87	295	eP	00 50.00	-1.4
KSP	145 19	331	ePKP	08 15.50	1.4
CLL	146.25	334	ePKP	08 19.00	3.1X
PRU	146.59	331	ePKP	08 26.50	10.1X
EKA	146.84	353	PKP	08 19.00	2.3X
	0.6s		1.90nm		
BNG	147.27	241	ePKPc	08 23.00	4.3X
	0.8s		7.00nm		
			ic	08 34.90	
SKO	147.51	314	e(PKP)	08 28.80	10.6X
KHC	147.64	331	PKP	08 25.20	7.0X
OHR	148 33	313	e(PKP)	08 26.00	6.4X

S.D = 1.4 on 6 of 18 obs.

JUN 26, 1985 10h 27m 06.47± 0.98s
16.426 S ± 5.5km 73.675 W ± 7.9km
DEPTH = 70.1 ± 9.5 km
4.7mb (6 obs.)
NEAR COAST OF PERU (115)

ARE	2.10	91	iP	27 39.10	-1.2
			iS	28 03.90	
HUA	4.65	340	eP	28 16.60	0.4
			eS	29 23.30	
ZOBO	5.33	89	iPd	28 27.40	1.5
LPB	5.35	92	Pc	28 28.00	1.9
			i	28 30.50	
			(S)	29 59.00	
			LR	30 24.00	
CNCB	5.47	95	iP	28 29.50	1.6
			iS	29 58.00	
ANT	7.86	158	iP	28 55.50	-4.9X
			iS	30 16.00	
YJA	9.60	128	ePc	29 24.10	-0.6
SLA	11 26	139	e(P)	29 44 40	-2.6
JACH	16.42	171	eP	30 57.50	3.5X
ROCH	16.65	172	eP	30 57.00	0.0
PEL	16.86	171	eP	31 00.00	0.5
MDZ	16.96	166	eP	31 00.20	-0.5
TCA	17.00	152	ePd	30 59 60	-1 6
BACH	17.10	171	eP	31 03.00	0 6
PSO	17.87	348	eP	31 12.50	0.1
RFA	18.86	167	ePd	31 24.60	0.8
BOG	20.92	359	eP	31 46.00	0.1
			eS	35 42.00	
VBA	23.88	157	ePd	32 14.20	-0.3
BAO	24.69	92	Pc	32 21.90	-0.8
ATB	24.80	61	Pc	32 22.90	-0.6
VAO	25.95	109	eP	32 33.00	-1.3
			e	32 45.50	
SOB1	32.72	81	eP	33 34.40	-0.4
	0.8s		9.90nm		4.7mb
			e	33 41.00	
			e	33 46.80	
ITR	35.19	82	eP	33 55.00	-1.0
			e	33 56.60	
JCT	52.99	332	e(P)	36 14.00	-4.3X
	1.0s		5.00nm		4.5mb
BHO	54.40	338	e(P)	36 28.00	-0.6
RLO	56.07	339	e(P)	36 39.00	-1.6
TUL	56.11	338	eP	36 40.40	-0.5
	0.8s		11.70nm		5.0mb
ALQ	59.83	329	eP	37 05.00	-2.2
BAR	63.84	320	eP	37 43.00	9.1X
PLM	64.41	321	eP	37 46.00	8.2X
MWC	65.73	321	eP	37 48.00	1.7
SBB	65.91	321	eP	37 47.00	-0.2
EUR	68.20	326	iP	38 03.20	1.3
	0.5s		1.33nm		4.1mb
KIC	71.82	77	iP	38 23.40	-0.7
SES	74.20	336	ePc	38 36.20	-1.2
PNT	77.04	331	eP	38 54 00	0.6
EDM	77.31	337	iPc	38 54.00	-0.9
SBA	79.96	191	eP	39 10.80	1.8
	1.0s		7.00nm		4.5mb
FRB	80.01	2	eP	39 08.00	-1.2
YKA	84.97	342	P	39 35.50	0.7
TOL	B5.55	46	e(P)	39 40.00	1.7
BNG	93.36	86	iPd	40 17.40	1.7
	0.6s		15.00nm		5.6mb
INK	94.67	341	eP	40 20.00	-0.5
BUL	95.49	113	iPd	40 27.60	2.1
WB2	134.56	218	ePKP	46 19 70	0.4
WRA	134.57	218	PKPd	46 20.20	0.9
	0.7s		2.80nm		
MAT	145.37	312	iPKPd	46 38.20	-0.1
	1.6s		103.33nm		
NDI	150.57	60	iPKPc	46 54.00	7.3X
GBA	151.97	92	PKPd	46 57.50	8.4X
	0.7s		39.70nm		
BJI	154.96	342	ePKP	47 02.50	10 0X

S.D. = 1.2 on 42 of 50 obs.

* JUN 26, 1985 10h 57m 52.88± 1.27s
22.332 S ±10.0km 170.334 E ± 8.9km
DEPTH = 40.0 ± 11.0 km
4.3mb (1 obs.)
LOYALTY ISLANDS REGION (189)

NOU	3.60	270	iPc	58 46.90	-0.7
			iS	59 26.30	
PVC	4.95	337	iPd	59 11.50	4.8X
KOU	5.91	286	iPc	59 20.30	0.1
			iS	00 31.60	
SGE	8.55	58	iPc	59 57.80	0.5
KRP	16.17	165	eP	01 39.00	0.2
HNR	16.24	321	P	01 35.00	-4.9X
BRS	16.71	249	eP	01 46.00	0.3
MNG	18.74	168	eP	02 11.00	0.2
CTA	22.56	271	eP	02 54 00	3.1X
			iS	07 00.00	
WB2	33.60	267	eP	04 35.20	3.5X
WRA	33.61	267	P	04 40.00	8.2X
	1.1s		4.60nm		4.3mb
GUA	43.50	323	e(P)	05 43.70	-10.6X
SBA	55.60	181	e(P)	07 23.90	-2.5X
SPA	67.80	180	e(P)	08 48.00	-0.8
CN2	77.62	328	Pd	09 45.00	-1.5
KMI	80.77	302	Pc+	10 05.00	0.7
CHG	80.86	295	eP	10 06.50	1.8
XAN	80.94	312	eP	10 00.60	-4.2X
HHC	83.22	319	eP	10 16.80	0.2
SPC	144.26	326	e(PKP)	17 43.20	16.9X
KSP	145.08	331	iPKPd	17 26.50	-0.9
EDU	145.48	354	ePKPc	17 25.80	-2.1
EAB	145.96	355	ePKP	17 27.40	-1.3
VTS	146.00	314	ePKP	17 29.00	-0 2
ESY	146.05	353	ePKP	17 27.40	-1.5
MMB	146.07	312	iPKPc	17 30.00	0.6
SRO'	146.12	325	ePKP	17 30.80	1.6
			i	48 16.30	
CLL	146.14	334	iPKPc	17 28.80	-0.4
	2.0s		58.00nm		
EAU	146.21	354	ePKPc	17 28.40	-0.8
PRU	146.47	331	PKP	17 30.30	0.5
ZST	146.50	327	e(PKP)	17 39.80	10.0X
			e	47 57.90	
EKA	146.69	353	PKP	17 29.00	-0.9
	0.7s		5.60nm		
VAY	146.97	313	ePKP	17 32.00	1.2
MOX	147.20	335	ePKP	17 33.00	2.1
BNG	147.41	241	ePKPd	17 21.70	-10.7X
	0.7s		9.00nm		
			id	17 34.10	
SKO	147.45	314	ePKP	17 36.50	4.9X
KHC	147.53	331	PKP	17 31.00	-0.5
GRF	148.11	334	e(PKP)	17 36.00	3.6X
OHR	148.26	313	ePKP	17 35.00	2.0
KBA	149.12	329	iPKP	17 41.70	7.4X
LJU	149.24	326	ePKP	17 37.60	3.3X
VOY	149.58	327	ePKP	17 38.60	3.7X
DOU	150.11	341	PKP	17 39.90	4.5X
CDF	150.67	337	ePKP	17 48.20	11.7X
HAU	151.35	337	ePKP	17 52.10	14.7X
LPG	153.28	334	ePKP	18 00.00	19.4X
SMF	153.39	339	ePKP	17 59.80	19.4X
AVF	153.42	340	ePKP	17 59.80	19.4X

S.D. = 1.2 on 26 of 48 obs.

JUN 26, 1985 12h 44m 58.01± 0.35s
54.973 N ± 6.8km 160.438 W ± 4.6km
DEPTH = 54.7km (6 depth phoses)
4.7mb (24 obs.)
ALASKA PENINSULA (12)

SDN	0.37	355	iPd	45 08.20	-0.1
KDC	5.22	55	eP	46 16.10	0.7
TTA	8.30	14	eP	46 57.30	-1.0
PMS	8.52	38	eP	46 58.00	-3.3X
ADK	10.18	259	eP	47 24.70	0.7
IMA	11.61	14	eP	47 42.90	-0.6
COL	11.77	27	eP	47 48.00	2.5
FBA	11.77	27	eP	47 41.80	-3.7X
PNL	12.28	59	eP	47 50.50	-1.8
SIT	14.17	71	eP	48 15.00	-2.1
BRW	16.47	4	eP	48 46.60	0.1
YKA	24.47	54	P	50 15.20	2.6X
MBC	26.19	21	eP	50 28.00	-0.6
	0.6s		11.00nm		4.6mb
EDM	27.27	74	ePd	50 38.50	-0.2
EUR	33.29	99	iP	51 33.80	1.4
	0.4s		0.31nm		3.5mb X
ALQ	41.89	96	eP	52 53.50	9.0X
	1.0s		3.25nm		4.0mb
FRB	43.67	40	ePc	52 58.20	-0.1
MDJ	44.53	287	eP	53 03.70	-1.9
MAT	45.01	272	eP	53 10.00	0.4
	1.0s		27.00nm		5.0mb
DAG	46.30	11	iPd	53 18.10	-1.1
	0.7s		25.34nm		5.3mb
CN2	47.33	289	Pc	53 27.00	-0.7
			epP	53 42.00	58km
LTX	47.62	99	eP	53 30.00	-0.3
SNY	49.67	288	Pd	53 46.20	0.4
			ipP	54 01.20	57km
KEV	55.46	357	iP	54 27.00	-1.6
	0.7s		16.00nm		5.2mb
SOD	57.86	357	iP	54 45.10	-0.6
TIY	58.63	292	eP	54 51.40	-0.2
KJF	60.99	356	iP	55 06.50	-0.8
SUF	62.53	357	iP	55 16.70	-1.0
	0.5s		6.60nm		5.0mb
XAN	63.26	292	eP	55 22.20	-0.7
NB2	64.14	5	P	55 27.40	-0.9
	0.9s		12.20nm		4.9mb

```
LZH    64.37 297 Pc     55 29.50  -0.8
WMO    65.90 313 P      55 40.00   0.1
EDU    67.33  13 ePc    55 48.00  -0.7
EAB    67.50  14 ePc    55 49.50  -0.2
EAU    67.95  14 ePc    55 52.70   0.1
CD2    68.44 293 eP     55 56.00  -0.1
EKA    68.49  14 Pc     55 55.90   0.0
         1.0s    11.40nm          4.8mb
GYA    70 37 288 P      56 08.20   0.2
HMI    73 57 290 eP     56 26.50  -0.6
CLL    73.95   4 iP     56 28.50  -0.1
         1.0s    11.00nm          4.7mb
                 i      56 44.00  55km
MOX    74.54   5 eP     56 32.50   0.4
         1.0s    22.00nm          5.0mb
                 epP    56 46.00  47km
WLF    75.13   9 Pd     56 36.50   1.0
FLN    75.27  14 eP     56 36.30   0.0
PRU    75.33   3 eP     56 35.00  -1.6
KRA    75.34 360 eP     56 51.80  15.1X
GRF    75.47   6 eP     56 38.20   0.7
GRR    75.59  14 eP     56 38.60   0.5
LSA    75.86 302 P      56 40.50  -0.1
LPF    75.91  14 eP     56 40.40   0.5
         0.8s     8.40nm          4.7mb
KHC    76.15   4 iPc    56 42.00   0.7
         1.0s    14.00nm          4.9mb
                 e      56 58.00  57km
CDF    76.47   8 eP     56 43.70   0.5
HAU    76.79   9 eP     56 45.30   0.4
BSF    77.01   9 eP     56 46.60   0.4
LOR    77.27  11 eP     56 47.80   0.2
MFF    77.44  14 eP     56 49.20   0.7
         0.6s     7.20nm          4.9mb
SSF    77.44  11 eP     56 48.90   0.4
         0.8s     5.90nm          4.6mb
LBF    77.57  11 eP     56 49.40   0.2
         0.8s     3.00nm          4.4mb
AVF    77.69  11 eP     56 50.30   0.5
         0.6s     3.70nm          4.6mb
BGF    77.86  12 eP     56 51.00   0.2
         0.7s     3.10nm          4.4mb
SMF    77.89  11 eP     56 51.20   0.2
         0.8s     3.20nm          4.4mb
LSF    78 00  13 eP     56 51.90   0.3
         0.7s     6.30nm          4.7mb
TCF    78.05  12 eP     56 51.90   0.0
         0.8s     3.70nm          4.4mb
MZF    78.17  12 eP     56 53.00   0.5
KBA    78.19   4 iPc    56 53.70   0.9
         1.0s    11.30nm          4.8mb
                 i      57 09.00  54km
LFF    79 19  13 eP     56 58.80   0.7
         0 6s     3.40nm          4.5mb
LPG    79.32   9 eP     56 59.50   0.3
         0.8s     2.50nm          4.2mb
CAF    79.37  13 eP     56 59.50   0.4
MHI    82.85 328 eP     57 19.00   1.4
NDI    83.16 312 eP     57 19.00  -0.2
TOL    83.38  18 eP     57 22.00   1.8
SKO    83.42 359 e(P)   57 22.00   1.7
OHR    84.28 359 e(P)   57 25.00   0.2
QUE    85.94 320 eP     57 34.00   0.6
WRA    92.85 239 Pd     58 05.50  -0.2
         0 7s     1.80nm          4.6mb
BUL   144.56 345 iPKPd  04 28.90  -1.0
SPA   144.79 180 e(PKP)04 27.90  -0.9
         1.0s    10.00nm
                 e      04 39.40
SLR   150.10 344 ePKP   04 44.60   6.0X
SWZ   151.92 349 iPKPd  04 48.50   7.2X
      S.D. = 0.9  on  71 of  78 obs.

?  JUN  26, 1985  13h 32m 03.24± 8.12s
   61.079 N ±39.4km     7.305 E ±50.9km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                  (535)
      DUR 1.7 (BER).

HYA     0.55 280 ePn     32 14.00  -0.3
                 eSn    32 31.00
ODD     1.18 196 iPn     32 24.40  -0.8
                 eSn    32 42.60
ASK     1.20 241 iPn     32 25.60   0.1
                 iSn    32 45.40
SUE     1.24 270 iPn     32 26.40   0.2
                 eSn    32 45.80

KMY     2.14 210 ePn     32 40.30   0.9
                 eSn    33 12.00
      S.D. = 0.9  on   5 of   5 obs.

   JUN  26, 1985  13h 38m 56.82± 0.75s
   64.758 N ± 6.2km    20.305 W ±11.0km
   DEPTH =  10.0km  (geophysicist)
   4.3mb ( 21 obs.)
 ICELAND                          (638)

ELO    11.60 128 ePc    41 44.00  -1 3
         0.5s    10.00nm          5.4mb X
EAB    11.62 130 e(P)   41 45.80   0.3
EDU    11.78 126 eP     41 46.20  -1.5
DAG    12.09   2 eP     41 51.00  -0.7
EKA    12.70 130 Pd     41 58.20  -1.9
         0.6s     6.30nm          5.0mb X
NB2    14.74  90 P      42 27.60   0.7
         1.0s     7.50nm          4.2mb
HFS    16.25  91 eP     42 51.90   5.5X
         0.7s     4.80nm          3.7mb
       Z  18s     0.27um
                  LR     47 34.00
KEV    18.54  54 eP     43 21.00   6.2X
SOD    18.86  61 iP     43 18.60  -0.2
LPF    19.72 139 eP     43 28.70  -0 4
         0.8s     7.40nm          4.0mb
SUF    20.30  74 eP     43 35.00   0.0
         0.6s     4.40nm          4.0mb
KJF    20.31  70 iP     43 34.90  -0.2
         0.9s    13.50nm          4.3mb
WLF    20.59 125 P      43 42.50   4.4X
MFF    21.27 139 eP     43 44.90  -0.2
         0.6s     4.30nm          4.0mb
GRC    21.61 133 iPc    43 47.80  -0.7
GWF    21.69 123 eP     43 49.00  -0.4
MOX    21.82 115 eP     43 52.00   1.4
         1.5s    17.00nm          4.2mb
       Z  12s     0.30um          3.9MszX
       E  18s     0.20um
CLL    21.84 112 e(P)   43 49.00  -1.8
LOR    21.88 132 iPc    43 50.90  -0.4
         0.8s    10.70nm          4.3mb
SSF    21.95 132 iPc    43 51.50  -0.5
         0.8s     6.70nm          4.1mb
CDF    22.04 125 eP     43 53.80   0.8
         1.0s     8.00nm          4.1mb
HAU    22.07 127 eP     43 52.70  -0.5
         1.0s    13.00nm          4.3mb
LSF    22.08 137 iPc    43 53.40   0 2
         0.6s     5.20nm          4.1mb
AVF    22.14 133 eP     43 53.50  -0 4
         1.2s    19.80nm          4.4mb
LBF    22.17 132 iPc    43 54 00  -0.2
         1.0s     9.60nm          4.2mb
BGF    22.19 134 eP     43 55.60   1.2
         0.8s    16.70nm          4.5mb
TCF    22.24 135 iPc    43 54.60  -0.3
         0.9s    17.20nm          4.5mb
BSF    22.37 126 eP     43 56.90   0.6
MZF    22.42 135 iPc    43 56.50  -0.2
         1.2s    27.50nm          4.6mb
SMF    22.43 132 eP     43 56.60  -0.1
         1.0s    18.80nm          4.5mb
GRF    22.43 117 e(P)   44 00.00   3.2X
RJF    22.93 138 eP     44 02.00   0.3
         0.6s     5.40nm          4.2mb
LFF    23.05 139 eP     44 03.80   1.0
LPO    23.41 139 eP     44 06.40   0.1
CAF    23.44 137 eP     44 07.40   0.8
PRU    23.49 112 eP     44 08.50   1.5
       Z  12s     0.40um          4.1MszX
KSP    23.53 109 eP     44 09.20   1.8
KHC    23.79 115 Pd     44 12.60   2.5X
                 e      44 33.00
LPG    24.39 129 eP     44 17.60   1.4
EPF    24.70 142 eP     44 18.80  -0.2
         0.6s     5.40nm          4.4mb
COL    45.11 331 eP     47 14.00  -0.3
         0.8s     8.58nm          4.7mb
      S.D. = 0.9  on  36 of  41 obs.

&  JUN  26, 1985  13h 42m 59.82s
   59.412 N          153.444 W
   DEPTH = 102.4km
 SOUTHERN ALASKA                  (  2)
      <AGS-P>.

AUL     0.03 171 iP      43 13.84   1.2
                 iS     43 24.45
PD8     0.54 315 iP      43 15.54  -0.8
                 iS     43 27.60
ILM     0.84  22 iP      43 18.56  -0.5
                 iS     43 32.82
NNL     1.26  59 eP      43 24.17   0.5
RDT     1.28  24 iP      43 23.49  -0.5
BRLK    1.35  74 iP      43 24.10  -0.7
NKA     1.73  39 eP      43 30.58   1.1
KDC     1.74 163 iP      43 27.35  -2.2
                 iS     43 48.60
SPU     1.91  21 iP      43 31.24  -0 6
SLKM    1.96  54 eP      43 31.71  -0.8
CRP     1.97  18 eP      43 32.16  -0.6
SVW     2.02 328 iP      43 31.84  -1.4
CGLM    2.03  20 iP      43 32.77  -0.7
SEW     2.14  69 eP      43 33.62  -1.1
MPA     2.32  61 eP      43 36.61  -0 6
SUA     2.46  32 eP      43 38.77  -0.4
                 eS     44 07.79
PTE     2.65  55 eP      43 40.52  -1.1
PMS     2.67  45 eP      43 41.15  -0.8
SKT     2.74  19 eP      43 41.78  -1.1
PWA     2.85  37 eP      43 43.47  -0.9
PWL     2.94  58 eP      43 43.95  -1.6
MTG     3.06  78 eP      43 45.86  -1.3
PME     3.11  43 eP      43 46.07  -1.8
KNK     3.19  49 eP      43 46.97  -2.0
GHO     3.25  41 eP      43 48.15  -1.7
MSE     3.28  40 eP      43 48.44  -1.9
CFI     3.34  55 eP      43 49.17  -1.8
SML     3.48  44 eP      43 50.83  -2.2
GLI     3.50  62 eP      43 50.68  -2.5
HIN     3.63  71 eP      43 52.79  -2.3
FID     3.74  66 eP      43 53.42  -3.0
TTA     3.74 342 eP      43 54.70  -1.9
VZW     3.81  61 eP      43 55.36  -2.2
SCM     3.87  49 eP      43 56.33  -2.0
VLZ     3.94  61 eP      43 57.27  -1.9
KLU     4.27  58 iP      44 01.68  -2.2
TOA     4.47  50 eP      44 04.91  -1.7
COL     6.11  23 eP      44 25.00  -4.1
      38 obs. assaciated

%  JUN  26, 1985  14h 04m 19.02± 0.77s
   60.737 N ± 5.9km     5.537 E ± 7.9km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                  (535)
      DUR 2.2 (BER).

ASK     0.31 214 iPg     04 25.30  -0.1
                 eSg    04 28.70
SUE     0.50 311 iPg     04 28.90  -0.2
                 iSg    04 36.60
HYA     0.53  36 iPg     04 30.00   0.2
                 iSg    04 39.20
ODD     0.97 144 iPg     04 37.00  -0.5
                 eSg    04 49.50
KMY     1.54 186 iPn     04 47.00   0.5
                 eSn    05 07.50
      S.D. = 0.5  an   5 of   5 obs.

   JUN  26, 1985  14h 05m 21.23± 0 54s
   38.784 N ± 5.5km   141.249 E ± 9.6km
   DEPTH =  36.5 ±  7.0 km
   4.5mb (  5 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)
      Felt (III JMA) at Ofunato and
      Miyako and (I JMA) at Morioka.

ISN     0.36 173 eP      05 28.00  -2.0
                 S      05 33.30
OFU     0.46  53 iPd     05 31.10  -0.2
                 iS     05 38.60
MRK     0.91 356 eP      05 37.00  -0.7
                 S      05 49.30
MIY     1.03  33 P       05 40.30   1.0
                 iS     05 54.20
FKS     1.19 211 eP      05 41.00  -0.7
                 S      05 55.80
AKI     1.29 317 eP      05 43.00   0 0
                 S      06 00.20
HAC     1.75   7 eP      05 53.00   3 3X
                 S      06 16.00
ONA     1.86 188 P       05 52.70   1.5
                 S      06 17.20
```

26d 14h

TSH	2.72	200	eP	06 03.20	-0.4
DDR	3.23	211	eP	06 11.60	0.8
			S	06 53.00	
MAT	3.29	228	iPc	06 11.40	-0.2
			eS	06 56.00	
SRY	3.54	207	eP	06 15.70	0.5
KYS	3.69	194	eP	06 20.10	2.8X
OYM	3.72	206	eP	06 19.30	1.5
WB2	58 77	188	eP	15 13 20	-4 8X
WRA	58.77	188	Pd	15 15 90	-2.2
	0 5s	4.70nm		4.9mb	
SOD	63 31	337	iP	15 47.60	-0.7
KJF	64 89	334	iP	15 58.50	-0 1
SUF	66 37	333	iP	16 07.50	-0 6
	0 5s	2.30nm		4.5mb	
HFS	72 44	335	eP	16 45.00	-0 4
	0 4s	3.30nm		4.7mb	
NB2	72 53	337	P	16 45 80	-0.2
	0 5s	1.90nm		4.3mb	
FPB	75 10	13	eP	17 01.00	0.2
BDW	76 52	46	eP	17 10.80	1.3
	1 0s	2.00nm		4.1mb	
KHC	80.99	328	eP	17 34.60	1.2
S.D = 1.1 on 21 of 24 obs.					

? JUN 26, 1985 14h 11m 00.35± 2.45s
1.690 N ±31.1km 12.558 W ±45.5km
DEPTH = 10.0km (geaphysicist)
4.8mb (5 obs.)
NORTH OF ASCENSION ISLAND (407)

BNG	31.18	84	ePd	17 21.90	-0.2
	1.1s	17.00nm		4.9mb	
KRI	45.49	116	eP	19 25.00	2.8X
BUL	45 82	120	eP	19 24.00	-0.8
MTD	47.25	115	eP	19 37.00	0.9
HFS	61 70	15	eP	21 20.90	0.0
	0 6s	2.70nm		4 6mb	
NB2	61.91	13	P	21 22.00	-0.3
	0.8s	3.90nm		4.6mb	
SUF	67.33	18	iP	21 58.40	1 0
	0.7s	4.40nm		4.8mb	
KJF	68 89	18	eP	22 07.00	-0.1
	0 8s	11.70nm		5.1mb	
SOD	70.92	15	iP	22 19.00	-0.5
S.D. = 0.8 on 8 of 9 obs.					

? JUN 26, 1985 15h 39m 10.35± 2.27s
4.991 S ±47.8km 152.143 E ±12.6km
DEPTH = 362.1 ± 16.4 km
4.4mb (1 obs.)
NEW BRITAIN REGION (192)

BGA	3.23	111	iPc	40 14.00	0.7
			eS	41 13.00	
PAA	3.58	111	iPc	40 15.80	-0.7
			eS	41 18.00	
LAT	5.38	252	eP	40 35.00	-0.2
PMG	6 62	228	eP	40 54.50	5.3X
CTA	16.06	200	eP	42 38.00	-0.2
WB2	22.82	228	iPd	43 45.10	0.4
			eS	47 31.50	
WRA	22.83	228	Pc	43 45.30	0.5
	0.4s	7.10nm		4.4mb	
ASPA	25.57	222	eP	44 10.00	0.2
WBN	32.25	227	eP	45 08.50	0.1
KLG	38.61	225	iPc	46 00 50	-1 0
S.D = 0.7 on 9 of 10 obs.					

? JUN 26, 1985 16h 06m 18.93± 0.97s
30.660 S ±16.9km 178.089 W ±17.4km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
KERMADEC ISLANDS (178)

CRZ	8.65	242	P	08 32.40	7.6X
MNG	11.22	206	eP	09 00.00	-0.1
			eS	11 00.00	
TCW	12 21	208	eP	09 04.00	-9.3X
			eS	11 15.50	
BRS	25.65	270	P	11 49.50	2.1
CTA	33 76	280	iPd	13 00.30	0.4
	0.9s	17.23nm		5.0mb	
WB2	44.02	272	eP	14 23.30	-2.0
WRA	44 03	272	Pd	14 24.60	-0.8
	0.6s	5.90nm		4.6mb	
SPA	59.51	180	eP	16 27.60	6.4X
	0.8s	4.17nm		4.6mb	
AIA	71.72	156	eP	17 39.40	0.2
SUF	144.33	341	iPKP	25 53.30	0.8
	0.7s	8.00nm			
NB2	149.00	351	PKP	25 59.80	-0.4
	0.8s	2.30nm			
HFS	149.48	348	ePKP	26 00.70	-0.2
	0.5s	2.20nm			
BNG	149.56	214	iPKPd	26 05 10	2.6X
	0.5s	5.00nm			

S D = 1.3 on 9 of 13 obs.

JUN 26, 1985 17h 10m 00.91± 0.41s
18.889 N ± 2.4km 64.577 W ± 2.2km
DEPTH = 46.2 ± 3.9 km
5.6mb (83 obs.) 5.5Msz (21 obs.)
VIRGIN ISLANDS (91)

Ms 5.6 (BRK). Felt (V) at Ceiba, Cidra, Comerio, Luquillo, Punta Santiago and San Juan, (IV) in the Coyey-Humacao-Caguas-Yabucoa and Barcelaneto-Corazal areas and (III) in the Barranquitas-Orocovis-Salinas area, Puerto Rico. Felt alsa in the Virgin Islands.

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 30C
Centraid Location:
Origin Time 17:10: 5.4 0.2
Lat 19.25N 0.03 Lon 64.73W 0.04
Dep 26.6 2.1 Half-duration 3.2
Mament Tensor; Scale 10**24 D-CM
Mrr= 1.81 0.19 Mtt=-1.26 0.15
Mff=-0.56 0.18 Mrt=-2.33 0.32
Mrf= 6.33 0.56 Mtf= 4.37 0.21
Principal Axes:

T	Val= 7.22	Plg=46	Azm=282
N	1.69	28	159
P	-8.91	31	51

Best Double Cauple:Ma=8.1*10**24
NP1:Strike= 90 Dip=29 Slip= 18
NP2: 344 81 118

LPR	1.36	245	P	10 24.40	0.6
SJG	1.68	243	iPd	10 29.10	0.7
BSK	2.25	133	P	10 38.50	2.0
MCP	2.45	259	P	10 39.50	0.2
MGP	2.54	250	P	10 41.80	1.2
MGH	3.12	133	P	10 52.20	3.4X
ANG	3.13	123	P	10 49.30	0.3
BPA	3.17	125	P	10 50.30	0.7
GRW	7.26	157	P	11 48.80	1.6
GNG	8.49	154	P	12 07.40	3.2X
TCE	8.59	161	P	12 06.70	1.1
CAR	8.64	196	iPnd	12 05.50	-0.8
	0.3s	77.92nm		6.2mb X	
TRN	8.75	159	iPd	12 08.30	0.6
	0.9s	517.60nm		6.5mb X	
TBH	9.02	157	P	12 14.80	3.3X
TOV	10.36	210	ePn	12 29.00	-1.0
SDV	11.55	211	eP	12 46.50	0.3
UAV	12.04	213	eP	12 54.00	1.1
BMG	14.36	216	iP	13 22.00	-1.4
GCM	15.89	274	eP	13 40.65	-2.4
FUQ	16.05	215	eP	13 46.00	0.5
BOG	16.94	214	iP	13 59.00	2.3
			iS	16 03.00	
UPA	17.53	238	iPc	14 04.80	1.1
	1.0s	482.00nm		5.6mb	
Z	20s	15.96um		6.5MszX	
N	20s	7.45um			
E	20s	8.05um			
SJS	20.84	247	iPc	14 42.50	1.1
PSO	21.58	217	iP	14 49.00	-0.2
PRM	21.91	317	iP	14 51.50	-0.4
BLA	22.93	326	P	15 02.00	0.0
	1.1s	234.28nm		5.5mb	
OUR	23.38	217	eP	15 09.00	2.1
			eS	16 28.00	
GMTN	23.42	341	iP	15 06.90	0.3
			i	15 15.90	
			i	15 20.70	
ATB	25.17	150	Pc	15 24.20	0.5
SKLY	26.29	344	P	15 33.30	-0.5
COM	26.39	269	iPc	15 38.00	2.8X

MIM	26.54	353	P	15 34.50	-1.6
HNME	27.34	355	eP	15 51.00	7.6X
MNT	27.58	346	iP	15 45.30	-0.3
UTO	27.88	329	ePc	15 50.10	1.7
OTT	28.00	343	eP	15 49.00	-0.4
ELF	28.05	333	P	15 50.00	0.1
PBJ	29.46	270	iP	15 59.00	-3.9X
FVM	29.48	316	iP	16 02.50	-0.4
	1.2s	88.24nm		5.3mb	
CHI	30.18	324	P	16 09.00	0.0
STJ	30.20	16	eP	16 08.00	-1.1
VHO	30.59	272	iPd	16 13.00	-0.1
BHO	31.01	306	iPc	16 16.70	0.3
			e	22 51.80	
RLO	31.84	309	iPc	16 23.10	-0.6
PIO	32.04	271	iP	16 25.00	-0.6
TUL	32.30	308	iPc+	16 27.40	-0.3
	1.2s	337.00nm		6.1mb	
Z	19s	8.00um		5.4Msz	
N	20s	5.33um			
E	22s	1.68um			
			eS	21 40.00	
HUA	32.51	200	iPc	16 29.90	-0.2
TPM	32.59	276	iPc	16 29.00	-1.6
OXM	33.15	277	iPc	16 35.00	-0.6
OCO	33.42	306	ePc	16 37.50	0.0
JCT	33.89	297	iP	16 41.00	-0.6
	1.1s	151.90nm		5.8mb	
Z	20s	4.61um		5.2Msz	
			i	23 01.00	
ZOBO	35.11	186	Pd	16 51.10	-1.6
	1.0s	92.50nm		5.7mb	
PIM	35.32	275	iP	16 52.00	-1.9
LPB	35.37	186	iPc	16 54.50	-0.3
Z	20s	6.74um		5.4Msz	
		(S)		22 26.00	
		LR		24 48.00	
LHC	35.60	331	eP	16 55.50	-0.5
	1.0s	113.00nm		5.8mb	
CNCB	35.63	186	iP	16 56.00	-1.1
			S	22 25.00	
SCH	35.90	358	eP	16 57.30	-1.2
	1.6s	295.00nm		6.0mb	
SOB1	36.40	138	eP	17 04.60	1.5
			e	17 07.30	
			e	17 14.10	
LTX	37.01	294	eP	17 08.00	-0.2
	1.0s	80.00nm		5.6mb	
ITR	37.68	135	eP	17 14.90	1.1
	1.0s	47.70nm		5.4mb	
			e	17 25.00	
			e	17 37.10	
			e	17 54.00	
BAO	37.99	153	iPc	17 16.90	0.4
ALQ	40.31	302	iPc	17 36.50	0.7
	1.0s	52.50nm		5.3mb	
Z	20s	7.09um		5.5Msz	
TPZ	40.31	186	Pc	17 32.30	-3.7X
			S	23 25.00	
GLD	40.64	310	iP	17 39.20	0.8
	1.5s	471.88nm		6.0mb	
Z	20s	4.10um		5.3Msz	
GOL	40.74	309	iP	17 39.50	0.2
	1.5s	204.40nm		5.7mb	
Z	20s	3.10um		5.2Msz	
YJA	40.82	181	ePc	17 38.00	-2.2
			S	18 34.00	
ANT	42.72	188	eP	17 53.00	-2.2
SLA	43.36	181	ePc	18 00.20	-0.5
RMU	44.32	304	iP	18 10.00	1.5
BDW	44.70	312	iP	18 11.20	-0.4
	1.0s	140.00nm		5.7mb	
FRB	44.90	357	eP	18 12.00	-0.5
VAO	45.05	157	eP	18 14.40	0.2
			e	18 25.70	
			e	18 29.90	
			e	18 49.70	
FFC	45.70	331	iPc	18 17.30	-1.7
	0.6s	8.00nm		4.8mb	
GLA	46.91	298	eP	18 30.00	1.1
LRM	47.61	315	ePc	18 35.00	0.4
TPC	48.01	299	eP	18 39.00	1.4
SES	48.34	322	iPc	18 39.90	0.0
	1.0s	163.00nm		6.0mb	
BAR	48.43	297	eP	18 42.00	1.2
EUR	48.62	306	iP	18 42.50	0.0
	1.0s	26.54nm		5.2mb	

PLM	48.63	298	eP	18	44.00	1.4			1.1s	54.30nm		5.6mb		BSF	63.80	45	eP	20	29.80	-0 9
GSC	48.74	301	eP	18	44.00	0.8		LPF	58.55	45	eP	19	54.80	-0.3		1.0s	48.10nm		5.5mb	
SDW	48.90	300	P	18	46.20	1.7			1.0s	55.50nm		5.6mb		WIT	63.86	40	eP	20	31.50	0 6
SLBC	48.95	298	eP	18	46.90	2.2		EDI	58.59	35	e(P)	19	54.00	-1.3			e	20	45.00	
RVR	49.10	299	eP	18	47.00	1.1			1.0s	29.00nm		5.4mb		EMS	63.89	47	eP+	20	31.90	0 4
SBB	49.52	300	eP	18	50.00	0.8		GRR	58.71	44	iPd	19	56.00	-0.3	WTS	63.91	41	ePd	20	31.00	-0.2
MWC	49.68	299	eP	18	51.00	0.4			1.0s	86.10nm		5.8mb			0.9s	52.00nm		5.6mb		
BMN	49 73	307	iP	18	51.00	0.2		EDU	58.83	35	e(PKP)	19	56 40	-0.5			e	20	46.00	
	1.5s	265.15nm			6.0mb				1.1s	178 00nm		6 1mb		BNS	64 10	42	eP	20	32.30	-0 2
PAS	49 77	299	eP	18	51.00	-0.1		ESY	58 90	35	e(P)	19	56.80	-0 7	CDF	64.12	45	eP	20	32.20	-0 7
TCA	49 94	180	ePd	18	48.50	-3.8X			1.0s	62.00nm		5 7mb			1.2s	59.50nm		5.5mb		
CLX	50.09	318	iPc	18	53.40	-0.2		FLN	59.00	44	iPd	19	58.00	-0.3	DIX	64.23	47	eP+	20	34.60	0 8
ISA	50.13	301	eP	18	55.00	1.1			1.0s	80.00nm		5.8mb		GWF	64 36	44	iPd	20	33.40	-0 9
MNA	50.16	305	iPc	18	54.90	0.7		MFF	59.01	47	iPd	19	58.40	0.0	MMK	64.61	47	eP+	20	37.10	0 8
			e	19	12.80				1.1s	117.20nm		5.9mb		BUH	64.76	44	ePd	20	36.30	-0 6
			e	24	07.00			EPF	59.13	51	iPd	20	00.00	0.7	ZUL	64.88	46	eP+	20	37.50	-0.2
LDM	50.28	318	iPc	18	54.60	-0.2		EBR	59.17	53	eP	20	01.00	1.4	TNS	64.90	43	eP	20	37.50	-0.3
RXF	50.29	318	iPc	18	55.20	0.3					eS	28	06.00		SLE	64.94	45	eP+	20	38.00	-0.1
ZON	50.30	185	eP	18	54.00	-1.0		LDF	59.22	44	iPd	19	59.80	0.0	TMA	65.24	47	eP+	20	40.30	0.1
CFA	50.33	184	ePc	18	53.20	-2.0			1.3s	151.60nm		6.0mb		LLS	65.30	46	eP+	20	41.20	0.5
LHD	50.38	318	iP	18	55.50	-0.1		KIC	59.45	94	eP	20	02.00	0.1	STU	65.40	44	ePd	20	39.60	-1.3
YKM	50.66	318	iPc	18	58.00	0.2		LFF	59.51	48	eP	20	01.80	0.0		1.4s	93.02nm		5.6mb		
EDM	50.78	324	ePc	18	57.50	-1.0			1.2s	65.20nm		5.6mb			Z 20s	2.13um		5.3Msz		
GDH	50.81	5	iPc	19	03.00	4.6X		MLS	59.67	51	ePd	20	03.10	0.1	CVF	65.41	51	eP	20	40.80	-0.4
	1.1s	50.63nm			5.5mb			LPO	59.82	49	iPd	20	03.90	-0.1		1.2s	58.20nm		5.5mb	
Z	20s	4.61um			5.5Msz				1.0s	93.60nm		5.9mb		SAX	65.53	46	eP+	20	42.60	0.4
		iS	26	13.00				RJF	60.08	48	eP	20	05.40	-0.4	HAM	65.85	39	iPd	20	43.40	-0.3
SYP	51.29	299	eP	19	03.00	0.2			1.0s	101.60nm		5.9mb		KONO	65.90	32	iP	20	44.90	1.0
NEW	51.38	317	iPc	19	02.30	-0.9		LSF	60.14	47	eP	20	05.70	-0.5	OSS	66.10	47	eP+	20	46.30	0.6
			e	19	11.00			CAF	60.45	49	iPd	20	08.00	-0.3	PNL	66.23	328	eP	20	46.10	0.0
JACH	51.60	186	iPd	19	04.00	-1.0		TCF	60.62	47	iPd	20	08.80	-0.6	GAP	66.69	46	eP	20	49.80	0.5
JAS1	51.88	304	iPc	19	07.40	0.3		MZF	60.87	47	iPd	20	10.80	-0.4	GRF	66.70	43	iPd	20	49.10	-0.2
			e	19	23.80				1.3s	60.10nm		5.6mb			1.6s	114.00nm		5.7mb		
			e	19	34.20			BGF	61.07	47	eP	20	12.00	-0.5		Z 18s	1.40um		5.2Msz		
			e	24	13.80				1.2s	71.50nm		5.7mb				e	20	56.10		
ROCH	51.93	187	ePc	19	05.60	-2.0		GRC	61.26	46	iPd	20	13.20	-0.6			e	21	04.00	
PRI	51.94	301	e(P)	19	07.00	-0.7					i	20	17.40				e	21	09.70	
PEL	52.07	186	iPc	19	07.00	-1.4		AVF	61.43	46	iPd	20	14.40	-0.5			eS	29	39.70	
LLA	52.19	302	eP	19	09.20	-0.2		SSF	61.55	46	iPd	20	15.10	-0.6	NB2	66.78	31 P		20	49.30	-0 3
FCH	52.21	186	iPc	19	09.00	-0.8			1.1s	75.70nm		5.7mb			1.1s	59.50nm		5.5mb		
BACH	52.25	186	iPc	19	08.50	-1.3		SMF	61.76	47	iPd	20	16.70	-0.5	FUR	66.80	45	iPc	20	50.30	0 3
PRS	52.52	302	eP	19	11.70	-0.2		LOR	61.80	46	iPd	20	16.60	-0.8	MOX	66.92	42	eP	20	50.00	-0.7
TACH	52.60	187	iPd	19	11.00	-1.3			1.0s	66.00nm		5.7mb			2.0s	50.00nm		5.2mb		
SAO	52.60	302	eP	19	13.00	0.5		LBF	61.86	46	eP	20	17.00	-0.9		Z 24s	2.70um		5.4MszX		
AVE	52.71	62	iP	19	14 00	0.7			1.2s	55.40nm		5.6mb			N 24s	1.60um				
			i	19	20.50			DAG	62.28	11	iPd	20	19.00	-1.1		E 24s	2.40um				
MHC	52.80	303	eP	19	14.80	0.7			0.6s	13.33nm		5.2mb				e	21	04.00		
CHCH	52.84	186	eP	19	14.00	-0.2		UCC	62.31	42	P-	20	21.00	0.3			eS	29	42.00	
ORV	52.87	306	iPc	19	14.20	-0.3					pP	20	36.00	55kmX			ePS	30	05.00	
LNV	52.95	187	eP	19	13.00	-1.9					S	28	44.00				eSS	34	00.00	
MIN	53.03	307	ePc	19	14.70	-1.1					ScS	30	11.00				eSSS	37	10.00	
GCC	53.06	302	eP	19	16.40	0.6		DOU	62.42	43	Pc	20	21.30	-0.2			eLR	41	10.00	
PNT	53.25	318	eP	19	16.00	-1.1			0.8s	50.00nm		5.7mb					eP'P'	49	17.00	
	0 8s	29.00nm			5.3mb			Z	22s	3 90um		5.5Msz		FIR	67.06	50	eP	20	42.00	-9.6X
BRK	53 32	304	ePc	19	17.80	0.1					pP	20	37.00	58kmX	HOF	67.10	43	iPc	20	51.60	-0.2
PCC	53.40	303	ePc	19	18 70	0.4					S	28	47.00			Z 18s	2.00um		5.4Msz		
RFA	53.49	184	ePc	19	17.50	-1.4					ScS	30	12.00		COP	67.31	37	iPc	20	53.70	0 8
VAL	53.52	39	iP	19	18.20	-0.8		DBN	62.91	41	eP	20	22.00	-2.6			iS	29	48.00	
			S	26	44.00			Z	20s	4.40um		5.6Msz		CLL	67.77	41	iPd	20	55.30	-0.7
WDC	53.77	307	iPc	19	18.80	-2.2					eS	28	54.00			1.8s	95.00nm		5.5mb		
COR	54.81	312	iPc	19	29.00	0.4					ePS	29	12.00			Z 22s	2.50um		5.4Msz		
FHC	54.88	307	eP	19	30.00	0.7					eScS	30	16.00				eS	29	52.00	
YKA	55 43	334	P	19	32 70	-0.1		CDR	63.09	50	iPd	20	26.10	0.0			P'P'	49	14.00	
PGC	55.57	317	eP	19	33.00	-1.0					i	20	35.10		WET	67.81	44	eP	20	56.10	-0 2
TOL	55.67	54	iPd	19	35.00	0.1					i	20	40.60			1.4s	68.00nm		5.5mb		
	1 5s	10.00nm			4.6mb X			ENN	63.30	42	ePd	20	27.50	0.2	BHG	67.90	45	eP	20	56.90	0.0
		ePPP	22	56.00					1.0s	66.00nm		5.7mb		HFS	67.98	32	eP	20	57.00	-0.1
		iS	27	20.00						e	20	42.00			0.6s	6.70nm		4.9mb		
		iSS	31	12.00				MEM	63.35	42	P	20	27.60	0.1		Z 20s	6.82um		5.9Msz		
AKU	55.74	21	eP	19	30.60	-4.4X					pP	20	42.80	55kmX			LR	41	40.00	
	2.0s	211.76nm			5.8mb			WLF	63.41	43	Pd	20	27.80	-0.1	KBA	68.27	46	iPd	20	58.60	-0.8
CRT	55.91	57	iPd	19	38.00	1.2					pP	20	43.20	56kmX		1.2s	125.00nm		5.8mb		
VBA	56.69	178	ePd	19	40.00	-2.1					S	29	01.00				i	21	13.70	
TAF	56.86	60	iPd	19	44.50	0.9		HAU	63.50	45	eP	20	27.80	-0.9			i	21	19.50	
EAB	58.02	35	ePc	19	50.60	-0.7			1.3s	62.40nm		5.5mb					e(Sg)	44	31.00	
	1.0s	91.00nm			5.8mb			LRG	63.53	50	eP	20	29.00	0.1			i	44	39.50	
ALI	58.39	56	iP-	19	56.00	1.8			1.2s	71.40nm		5.6mb		KHC	68.27	44	iPd	20	58.90	-0.3
		iS	27	59.00				LMR	63.64	50	eP	20	29.60	0.0		1.0s	44.00nm		5.4mb		
EAU	58.42	35	ePc	19	53.40	-0.7			1.2s	71.40nm		5.6mb			Z 18s	1.00um		5.1Msz		
	1.2s	85.00nm			5.7mb			ALE	63.67	0	eP	20	27.00	-2.2	N 17s	0.50um				
ELO	58.43	35	ePc	19	53.30	-0.9			0.7s	26.00nm		5.4mb			E 17s	0.70um				
	1.1s	59.00nm			5.6mb			MBC	63.70	347	eP	20	28.00	-1.5			e	21	05.00	
ESK	58.44	36	eP	19	53.00	-1.3			1.2s	126.00nm		5.9mb					e	21	13.50	
	1.0s	120.00nm			6.0mb			FRF	63.74	50	eP	20	30.00	-0.3			e	21	19.50	
ESCF	58.46	51	eP	19	55.00	0.3			1.0s	60.80nm		5.6mb					S	29	56.00	
PHC	58.46	318	eP	19	54.50	0.0		LPG	63.77	48	iPd	20	31.10	0.2	TRI	68.68	47	eP	21	02.00	0 3
EKA	58.47	36	P	19	54.00	-0.5			1.2s	71.50nm		5.6mb					iS	30	00.00	

26d 17h

		eSS	34 38.00			
		eSSS	37 50.00			
VOY	68.73	47 iPd	21 01.80	-0.4		
		i	21 16.50			
PRU	68.83	43 Pd	21 02.50	-0 1		
	1.6s	75.00nm		5.4mb		
	Z 16s	2.40um		5.5MszX		
	N 15s	0.60um				
	E 16s	2.30um				
		e	21 17 60			
		e	21 23.60			
		ePP	23 38.00			
		S	30 06.00			
LJU	69.18	47 ePd	21 04.60	-0.2		
		e	21 19.50			
		eS	30 07.50			
		e	31 03.00			
KSP	69.87	42 eP	21 09.00	0.1		
	1.3s	51.00nm		5.3mb		
UPP	69.96	32 iP	21 12.80	3.6X		
		iS	31 16.00			
VKA	70.15	45 iPd	21 10.70	0.0		
	2.0s	134.00nm		5.6mb		
	Z 16s	0.60um		4.9MszX		
		i	21 25.20			
		e	23 53.00			
COL	70.20	333 eP	21 09.00	-1.7		
	Z 18s	3.78um		5.7Msz		
		eS	30 17.00			
FBA	70.20	333 eP	21 09.80	-0.9		
	1.3s	89.60nm		5.6mb		
SOP	70.38	45 e(P)d	21 12.00	-0.1		
	0.8s	26.70nm		5.3mb		
ZST	70.68	45 iPd	21 14.00	0.1		
		i	21 27.60			
PMR	71.00	330 eP	21 15.10	-0.4		
	1.3s	75.50nm		5.5mb		
	Z 20s	5.00um		5 8Msz		
SRO	71 54	45 iPd	21 19.30	0.2		
		i	21 34.50			
		e(S)	30 32.80			
KRA	72 28	42 iPc	21 23.30	-0.1		
	0.8s	41.00nm		5.4mb		
	Z 25s	5.00um		5.7MszX		
	N 25s	1.50um				
	E 25s	3.60um				
		e	21 38.10			
		e	21 43.50			
		eS	30 45.00			
IMA	72.55	335 ePc	21 24.50	-0.4		
SPC	72.61	43 eP	21 26.70	1.0		
		e	21 44.30			
KEV	72.99	21 eP	21 28.00	0.8		
	0.8s	20.50nm		5.1mb		
		i	21 36.00			
		eS	30 48.00			
KDC	73.14	326 eP	21 28.20	-0.1		
SOD	73.20	24 iP	21 28.90	0.4		
NUR	73.38	31 eP	21 30.00	0.4		
	1.0s	24.00nm		5.1mb		
		i	21 43.90			
SUF	73.74	29 eP	21 30.00	-1.7		
TTA	74.02	332 P	21 32.30	-1.1		
	1.2s	26.52nm		5.1mb		
KJF	74.17	27 eP	21 34.00	-0.2		
	Z 20s	3.20um		5.6Msz		
		eS	31 04.00			
OHR	74.43	51 iP	21 37.60	1.4		
		i	21 47.00			
		iS	31 09.80			
SKO	74.73	50 iPd	21 38.30	0.4		
		i	21 58 00			
		iS	31 12.00			
VLS	74.87	54 eP	21 40.60	1.8		
CLO	75 06	47 eP	21 40.00	0.3		
KZN	75.32	52 eP	21 42.00	0.6		
VAY	75.69	51 iP	21 44.00	0 6		
		i	21 53.00			
MMB	76.48	50 iPc	21 49.00	1 1		
CMP	76.57	47 ePc	21 50.00	1.7		
MLR	77.13	46 iPc	21 52.00	0 4		
PVL	77.16	49 iPc	21 53.00	1.5		
CVO	77.21	46 eP	21 53.00	1.1		
ATH	77.32	54 eP	21 42.00	-10.6X		
		eS	31 41.20			
VRI	77.57	46 ePd	21 55.00	1.2		
DIM	77.72	50 iP	21 56.00	1.4		

SDN	77.98	324 eP	21 56.70	1.0		
EZN	78.83	52 eP	22 01 00	0.2		
MFT	79.28	51 iP	22 04.40	1.1		
KGT	79.38	51 iP	22 03.90	0.1		
NPS	79.49	56 eP	22 05.00	0.5		
EDC	79.82	51 iP	22 05.20	-1.0		
HRT	81.00	50 eP	22 13.00	0.5		
BNG	82.08	88 iPc	22 20.00	1.4		
	1.0s	100.00nm		5.8mb		
		ic	22 28.90			
		id	23 20.00			
AIA	83.87	180 eP	22 28.60	2 2		
CSS	85 61	55 eP	22 38.50	2.4X		
HLW	85.72	60 eP	22 40.00	3.3X		
		eS	33 00.00			
BHL	87.78	55 P	22 57.00	10.3X		
		S	33 13.00			
HRI	88.07	56 eP	22 50.50	2.3X		
JER	88.18	57 iPc	22 47.00	-1.7		
VAH	88.48	253 iP	22 52.30	2.2		
	1.3s	345.00nm		6.5mb		
PRNI	88.53	59 eP	22 53.30	2.9X		
PMO	88.65	254 iP	22 53.30	2.4		
	1.3s	265.00nm		6.4mb		
ASW	88.96	65 iPc	23 04.00	11.6X		
		eS	33 44.00			
TVO	90.80	252 iP	23 03.40	2.3X		
	1.3s	285.00nm		6.5mb		
PPN	90.88	252 iP	23 03.40	2.1		
	1.3s	175.00nm		6.3mb		
PPT	91.02	252 iP	23 04.10	2.1		
	1.3s	145.00nm		6.2mb		
PAE	91.05	252 iP	23 04.50	2.4X		
	1.3s	285.00nm		6.5mb		
TBI	92 82	246 eP	23 13.00	2.8X		
	1.2s	100.00nm		6.1mb		
MTD	100.93	104 ePdiff	23 59.00	11.5X		
SPA	108.77	180 e(Pdif	24 25.00	3.7X		
	Z 22s	1.38um		5.5Msz		
		e	28 54.00			
KSH	111.25	32 ePKP	28 29.00	-2.7		
OUE	112.49	45 ePKP	28 36.00	1.6		
WMO	112.62	21 ePKP	28 33.00	-1.1		
CN2	116.95	352 ePKP	28 40.00	-2.3		
		ePP	29 53.50			
		ePPP	32 20.00			
		eSKS	35 48.00			
		SKKS	36 43.00			
SNY	119.12	353 ePKP	28 48.00	1.5		
NDI	120.00	39 ePKP	28 50.00	1.4		
GTA	120.20	14 PKP	28 49.00	0.2		
HHC	120.46	3 ePKP	28 50.00	0.7		
MAT	120.81	339 ePKP	28 49.00	-0.9		
	0 8s	16.42nm				
	Z 20s	1.06um		5.5Msz		
		eS	38 12.00			
MAW	121.19	159 ePKP	28 50.00	0.4		
BJI	121.37	359 ePKP	28 50.50	-0.3		
		PP	30 34.00			
TIY	123.63	3 ePKP	28 56.00	0.6		
LZH	124.24	11 ePKP	28 57.00	0.2		
	2.0s	61.00nm				
SHK	124.40	343 ePKPc	28 57.00	0.1		
MNG	124.64	233 PKP	28 58.00	0.8		
PKI	125.43	33 ePKP	29 00.00	0.5		
LSA	126.32	26 PKP	29 01.80	0.4		
XAN	127.01	7 ePKP	29 00.80	-1.2		
HYB	128.86	47 ePKP	29 06.50	0.6		
CD2	129.23	13 PKP	29 07.50	1.2		
NJ2	129.24	356 ePKP	29 06.80	0.6		
SSE	130.00	354 e(PKP)	29 06.00	-1.7		
	Z 20s	1.50um		5.7Msz		
	N 20s	1.20um				
	E 10s	1 80um				
		ePP	31 18.00			
		(PKS)	32 26.00			
		e	39 26.00			
		e	41 10.00			
		SS	48 38.00			
GBA	130 57	52 PkPd	29 09.70	0.5		
	0.9s	29.20nm				
KMI	134.55	16 PKPc+	29 16 50	-0.3		
	N 29s	1.30um				
		pPKP	29 26.00			
		sPKP	29 34.00			
		PP	32 42.00			
		PKS	32 49.50			

GUA	136.61	316 e(PKP)	29 19.70	-1.0		
CHG	139.19	24 ePKP	29 26.00	0.6		
LOE	141.50	21 ePKP	29 29.00	-0.6		
TAU	143.99	221 iPKPc	29 31.70	-1.4		
MOM	144.49	294 e(PKP)	29 35.00	0.2		
BAG	144.56	351 ePKP	29 32.00	-3.0X		
BRS	144.73	249 iPKPc	29 34.20	-0.7		
RIV	144.89	238 iPKPc	29 34.50	-0.4		
COO	145.04	243 iPKPc	29 35.70	0.3		
	1.0s	485.00nm				
LAT	146.96	287 iPKPc	29 42.00	3.1X		
TOO	147.83	228 ePKP	29 41.00	1.3		
	1.0s	196.00nm				
PMG	147.87	283 ePKP	29 43.00	2.7X		
RMO	148.40	250 ePKP	29 42.00	1.1		
	1.5s	2100.00nm				
CMS	149.87	239 ePKP	29 44.00	1.0		
		e	29 48.00			
BFD	150.08	227 ePKP	29 49.00	5.9X		
SNG	150.27	31 ePKP	29 51.00	7.0X		
CTA	150.93	262 iPKPd+	29 46.10	1.2		
	1.1s	41.14nm				
CGP	151.33	341 ePKPc	29 45.00	-0.6		
TZZ	151.43	295 ePKP	29 46.00	0.1		
TSI	152.24	38 e(PKP)	29 48.00	1.0		
DAV	152.32	338 ePKP	29 50.00	2.9X		
IPM	152.71	33 ePKPd	29 50.10	2.4X		
		e	30 19.50			
PSI	153.10	39 ePKPc	29 49.50	1.3		
	0.9s	45.30nm				
STK	153.13	236 ePKP	29 56.00	8.2X		
ADE	153.88	228 iPKPc	29 58.80	10.0X		
	1.3s	219.23nm				
KKM	155.21	358 ePKPd	29 53.00	1.8		
KGM	156.06	31 ePKPd	29 53.80	1.5		
PPI	156.49	41 ePKP	29 54.50	1.7		
WB2	162.11	264 iPKPc	29 59.20	0.4		
		i	30 46.20			
		eS	34 25.80			
WRA	162.12	264 PKPc	29 59.00	0.2		
	1.1s	40.70nm				
ASPA	162.14	251 iPKPc	29 59.00	0.2		
		e	30 46.00			
		e	41 14.00			
		e	45 05.00			
MTN	163.75	289 ePKP	30 01.00	0.5		
		e	30 54.00			
KLB	167.18	189 ePKP	30 04.00	1.0		

S.D. = 1.0 on 306 of 339 obs.

& JUN 26, 1985 17h 49m 52.82s
62.623 N 151.078 W
DEPTH = 94.9km
CENTRAL ALASKA (1)
<AGS-P>.

SKT	0.68	198 iP	50 09.07	-0.8		
PWA	1.13	149 iP	50 13.77	-0.8		
SUA	1.17	172 iP	50 14.78	-0.5		
		iS	50 32.21			
MSE	1.26	128 iP	50 15.66	-0.7		
		eS	50 32.78			
GHO	1.32	129 iP	50 16.71	-0.4		
PME	1.39	135 iP	50 16.87	-0.9		
		iS	50 35.29			
CGLM	1.39	199 iP	50 16.85	-1.1		
CRP	1.45	201 eP	50 17.83	-1.0		
SPU	1.52	198 iP	50 18.78	-0.7		
		eS	50 39.08			
SML	1.52	121 iP	50 18.44	-1.1		
PMS	1.56	152 iP	50 19.18	-0.8		
KNK	1.73	133 iP	50 21.22	-1 0		
NKA	1.89	182 eP	50 25.73	1.5		
SCM	1.93	113 eP	50 23.35	-1.5		
PTE	2.02	150 iP	50 24.33	-1.6		
CFT	2.13	131 iP	50 26.01	-1.4		
RDT	2.15	198 eP	50 26.95	-0.9		
SLKM	2.16	169 eP	50 26.43	-1 5		
PWL	2.20	142 iP	50 26.74	-1.7		
TTA	2.29	280 eP	50 28.09	-1.6		
MPA	2.29	158 eP	50 27.88	-1.7		
TOA	2.35	101 eP	50 29.34	-1.1		
TTV	2.45	128 eP	50 30.43	-1.3		
GLI	2.58	131 iP	50 31.69	-1.8		
ILM	2.59	200 eP	50 32.33	-1.3		
NNL	2.59	182 eP	50 34.86	1.2		
SVW	2.64	237 iP	50 33.20	-1.1		

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VZW      2.66  124 eP     50 32.71   -1.9
KLU      2.68  113 eP     50 32.62   -2.3
VLZ      2 70  122 eP     50 32.79   -2.3
FBA      2 71   31 eP     50 33.68   -1.6
BRLK     2.87  178 iP     50 37.19   -0.3
FID      2.89  129 iP     50 35.37   -2.3
KMP      3.06  109 iP     50 37.69   -2.4
HIN      3.13  133 eP     50 38.72   -2.3
PDB      3 22  209 eP     50 41.07   -1.2
AUL      3 45  200 eP     50 46.63    1.2
SGAM     3.52  125 eP     50 45.01   -1.4
HMT      3.99  122 eP     50 50.46   -2.5
BALM     4.44  107 eP     50 55.81   -3.3
DWY      5.44   70 P      51 10.00   -2.9
                   Lg     52 26.00
        41 obs. associated

& JUN 26, 1985  18h 03m 00.08s
   37.124 N          116.122 W
   DEPTH =   0.0km
   4.3mb (  1 obs.)
 SOUTHERN NEVADA                    ( 41)
      <DOE>. ML 4.0 (BRK). 37° 07'
      26.75" N., 116° 07' 19.16" W.,
      Surface Elev. 1379 m., Depth of
      Burial 381 m., Shot Time
      180300.0B4, "MARIBO", Nevada
      Test Site (Dept. of Energy).

CLC      1.76  223 iPc    03 31.30   -0.9
VPEM     1.80  230 P      03 33.00    0.2
GSC      1.90  197 iPc    03 33.50   -0.7
MNA      2.08  310 iPc    03 36.20   -0.6
WKTM     2.29  235 P      03 39.00   -0.9
EUR      2.36    3 iP     03 40.00   -0.9
SDW      2.63  197 P      03 44.00   -0.6
BMN      3.41  346 P      03 55.20   -0.6
JAS1     3.51  284 iPc    03 56.40   -0.7
WCN      3.60  308 P      03 57.40   -1.1
PRI      3.78  256 e(P)   04 01.20    0.1
LLA      3.90  264 e(P)   04 03.00    0 4
GLA      4.20  165 P      04 05.80   -1.0
SLBC     4.22  193 eP     04 07.20    0.1
                   eS     05 15.90
SAO      4.28  267 e(P)   04 12.00    4.0
PRS      4.29  261 e(P)   04 07.20   -0.9
ARN      4.32  275 P      04 09.30    0.6
MHC      4.41  274 e(P)   04 10.30    0.3
ORV      4.88  302 eP     04 15.80   -0.7
DAU      5.02   48 P      04 20.40    1.5
MIN      5.36  309 e(P)   04 22.80   -0.7
WDC      6 08  307 e(P)   04 32.40   -1.1
BDW      7 56   40 P      04 54.60    0.1
ALO      8 13  103 eP     05 00.00   -2.4
EDM     16.21    6 ePd    06 51.00    0.2
FFC     20.10   24 eP     07 48.00   10.0
        0.6s      4.00nm
HFS     74.69   23 eP     14 41.20   -1.7
        0.6s      1.80nm          4.3mb
        27 obs. associated

% JUN 26, 1985  19h 10m 12.99± 0.87s
   59.602 N ± 6.0km    5.276 E ±12.6km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                    (535)
      DUR 1.8 (BER).

KMY      0.39  182 iPg    10 21.00    0.0
                   iSg    10 26.20
ODD      0.79   63 ePg    10 28.30    0.0
                   iSg    10 36.80
ASK      0.89  357 iPg    10 30.00    0.1
                   iSg    10 41.80
SUE      1.48  350 ePg    10 39.60   -0.1
                   eSg    10 59.00
HYA      1.63   16 iPn    10 41.80    0.0
                   eSn    11 04.00
      S.D. = 0.1   on   5 of   5 obs.

   JUN 26, 1985  19h 11m 00.49± 0.49s
   45.501 N ± 5.1km    27.008 E ± 6.4km
   DEPTH =  23.6 ±  6.4 km
 ROMANIA                            (358)

BRD      0.03   62 iPc    11 05.00    0.4
ODB      0.28    7 iP     11 17.50   10.4X
VRI      0.42  332 iPd    11 08.00   -1.3
CVO      0.67  299 iPd    11 13.00   -0.4
MLR      0.75  270 iPd    11 15.00    0.1
PPE      0.83   31 iPd    11 20.00    3.8X
CLI      1.07   10 iPc    11 20.05    0 1
BUC1     1.35  211 eP     11 36.00   12.1X
CMP      1.41  261 ePc    11 29 00    4.2X
DOC      1.44  348 iP     11 26.50    1.3
MSR      1 62  290 iPc    11 20.00   -7.9X
COZ      1 89  265 iP     11 40.00    8 1X
PSN      2 00  155 eP     11 33.00   -0 4
PVL      2.70  210 iPd    11 45.00    1.7
CLO      3.00  263 eP     11 51.00    3.4X
JMB      3.05  186 eP     11 57.00    8 7X
DIM      3.60  197 eP     12 12.00   15.8X
KDZ      4 04  198 iPd    12 03.00    0.6
CTT      4.47  166 ePn    12 14.90    6.4X
MMB      4.58  213 eP     12 10.00   -0.1
KGT      5.05  177 iPn    12 16.40   -0.3
HRT      5.07  156 iPn    12 16.90    0.0
EDC      5.19  173 ePn    12 15.20   -3.4X
VAY      5.28  219 iPn    12 19.50   -0.4
SKO      5.36  231 e(Pn)  12 55.50   34.5X
EZN      5.69  185 iPn    12 24.80   -0.9
GPA      5.75  154 iPn    12 26.30   -0.2
OHR      6.30  228 e(Pn)  13 03.40   29.0X
      S.D. = 0.9   on  15 of  28 obs.

   JUN 26, 1985  19h 59m 09.72± 0.65s
   31.392 S ± 6.9km    68.562 W ± 7.6km
   DEPTH = 116.6 ±  8.7 km
 SAN JUAN PROVINCE, ARGENTINA       (137)

RTLL     0.10   52 iPd    59 25.80   -0.5
ZON      0.18  213 iPd    59 26.00   -0.4
                   eS     59 37.00
RTCB     0.22  245 iPd    59 26.10   -0.5
                   S      59 40.50
CFA      0.35  128 iPd    59 27.30    0.5
                   S      59 39.20
RTCV     0 47  177 iPd    59 27.80    0.4
JACH     2.15  233 iP     59 45.00   -0.5
                   iS     00 14.00
FCH      2.42  217 iP     59 50.70    1.4
PEL      2.51  225 iPc    59 50.00   -0.1
                   iS     00 20.70
BACH     2.55  219 iPc    59 51.80    1.1
                   iS     00 20.00
ROCH     2.61  232 iPc    59 51.00   -0.6
                   iS     00 22.50
TACH     3.02  221 iPc    59 56.90    0.0
CHCH     3.09  214 iPd    59 58.60    0.8
                   iS     00 36.40
RFA      3.37  179 iPc    00 01.80    0.1
                   (S)    00 40.00
TCA      3.40   90 iPd    00 03.00    1.0
                   S      00 41.00
LNV      3.51  222 iPc    00 01.50   -1.9
                   iS     00 34.00
SLA      7.17   23 e(P)   00 52.00   -1.6
ANT      7.83  347 e(P)   01 04.00    1.6
VBA      8.57  143 ePd    01 11.60   -0.9
      S.D. = 1.1   on  18 of  18 obs.

   JUN 26, 1985  20h 28m 24.44± 0.29s
    6.094 N ± 5.9km    82.304 W ± 6.0km
   DEPTH =  10.0km  (geophysicist)
   5.1mb ( 33 obs.)  4.9Msz (  7 obs.)
 SOUTH OF PANAMA                    ( 83)
      CENTROID, MOMENT TENSOR       (HRV)
      Data Used: GDSN
      L.P.B.: 14S, 25C
      Centroid Location:
      Origin Time          20:28:32.1 0.6
      Lat  6.34N 0.05 Lon  82.83W 0.07
      Dep  10.0 FIX Half-duration  1.8
      Moment Tensor; Scale 10**24 D-CM
        Mrr=-0.09 0.07   Mtt= 1.18 0.06
        Mff=-1.10 0.09   Mrt= 0.68 0.18
        Mrf= 0.52 0.24   Mtf= 0.90 0.07
       Principal Axes:
        T  Val=  1.84   Plg=23   Azm=339
        N       -0.37        63       192
        P       -1.47        13        75
      Best Double Couple:Mo=1.7*10**24
       NP1:Strike=118 Dip=64 Slip=   7
       NP2:        25     83       154

UPA      3.97   44 iPd    29 27.10    0.4
        0.1s  2000.00nm
                   i      29 49.00
PSO      6.96  134 eP     30 13.50    4 2X
QUR      7.28  149 eP     30 10.00   -3 8X
BOG      8.33  100 eP     30 32.00    3.5X
                   eS     32 07.00
FUO      8.55   94 iP     30 35.00    3 5X
BMG      9.22   83 iP     30 43.40    2 8
CAR     15.83   73 iPc    32 10.00    0 7
PBJ     16.44  310 iP     32 20.00    3 1X
VHO     17.93  309 iPd    32 36.50    0.6
PIO     18.57  305 iP     32 44.00    0.4
GUV     19.14   84 iP     32 56.80    6.2X
HUA     19.30  159 eP     32 53.90    0.8
                   eS     33 12.40
TPM     20.75  310 iPd    33 09.00    0.8
OXM     21.41  309 iPd    33 17.00    1.8X
ARE     24.83  155 eP     33 49.00    0.2
ZOBO    26.28  148 ePc    34 02.10   -0.5
LPB     26.51  148 P      34 09.00    4.4X
      Z  22s      5.19um          5.0Msz
                   LR     40 40.00
CNCB    26.80  148 P      34 07.50    0.0
                   S      37 52.00
PRM     27.85  360 eP     34 17.40    1.2
JCT     29.31  328 eP     34 28.50   -1.0
        1.0s     30.00nm          5.0mb
      Z  20s      1.24um          4.5Msz
GFM     29.88    1 P      34 34.20   -0.5
BHO     30.45  339 eP     34 38.00   -1.5
TPZ     30.46  154 P      34 52.10   11.9X
LTX     30.68  321 P      34 41.00   -0.7
RLO     32.13  340 e(P)   34 51.50   -2.7X
TUL     32.16  339 eP     34 54.00   -0.5
        1.4s     33.20nm          5.1mb
      Z  22s      1.80um          4.7Msz
      N  22s      0.63um
      E  21s      0.47um
FVM     32.59  348 iP     34 57.00   -1.3
        1.1s     35.37nm          5.2mb
SLA     34.74  153 ePd    35 17.20    0.0
ALO     36.34  325 eP     35 31.00    0.3
        1.3s     52.88nm          5.2mb
      Z  20s      1.06um          4.6Msz
GLD     39.35  332 iP     35 57.10    1.2
        1.5s    131.25nm          5.4mb
GOL     39.38  332 eP     35 56.50    0.2
        1.5s     31.45nm          4.8mb
OTT     39.57    7 eP     35 57.00   -0.4
BAO     40.26  123 e(P)   36 01.00   -2.7X
GLA     40.41  316 eP     36 05.00    0.4
RMU     40.43  324 eP     36 05.00    0.1
TCA     40.89  157 ePd    36 07.10   -1.5
BAR     41.50  314 eP     36 15.00    1.4
TPC     41.84  316 eP     36 18.00    1.6
PLM     42.00  315 eP     36 18.00    0.2
LHC     42.59  353 eP     36 21.00   -1.2
RVR     42.70  315 eP     36 25.00    1.6
DAU     42.90  327 P      36 25.00   -0.3
GSC     43.03  317 eP     36 27.00    0.9
MWC     43.30  315 eP     36 21.00   -7.5X
PAS     43.34  315 eP     36 30.00    1.4
SBB     43.39  316 eP     36 30.00    1.0
BDW     43.76  331 P      36 27.10   -5.0X
BDW     43.76  331 eP     36 31.50   -0.6
        1.5s     60.00nm          5.2mb
CLC     43.85  317 eP     36 33.00    0.2
SOB1    43.98  110 eP     36 33.10   -0.9
        0.6s      4.00nm          4.4mb
ISA     44.36  317 eP     36 39.00    2.1
SYP     44.82  314 eP     36 39.00   -1.7
EUR     44.98  323 iP     36 42.20    0.1
        1.0s      7.31nm          4.6mb
VAO     45.05  131 e(P)   36 39.00   -3.6X
IMW     45.27  331 P      36 43.40   -0.9
TMI     45.32  330 P      36 44.80    0.1
ITR     46.17  108 eP     36 50.20   -1.3
HPI     46.21  329 P      36 50.60   -1 1
BMN     46.33  323 eP     36 52.90    0 3
        1.5s     28.79nm          5.1mb
JAS1    46.90  318 eP     36 58.00    1 0
        1.5s      1.20nm          3.8mb X
LRM     47.41  332 eP     37 01.50    0.3
SCH     50.17   12 eP     37 21.00   -1.1
SES     50.28  336 eP     37 23.00    0.0
FFC     51.02  345 eP     37 27.00   -1.5
```

26d 20h

1.8s 46.00nm 5.1mb
NEW 51.39 331 eP 37 32.00 0.5
PNT 53.32 330 eP 37 46.00 0.1
EDM 53.38 337 iPd 37 45.00 -1.3
FRB 58.40 7 eP 38 19.00 -3 2X
MBC 73.00 351 eP 39 55.00 -0.8
PMS 73.85 332 eP 40 01.30 0.3
COL 74.26 336 eP 40 03.00 -0.3
1.5s 47.22nm 5.3mb
FBA 74.26 336 eP 40 02.00 -1.3
1.7s 69.40nm 5.4mb
IMA 76.95 337 eP 40 18.00 -0.8
KIC 77.03 85 eP 40 24.90 4.9X
TOL 77.11 51 eP 40 29.00 9.0X
TTA 77.21 333 P 40 18.60 -1.6
1.7s 52.88nm 5.4mb
CRT 77.35 53 eP 40 27.00 5.5X
DAG 78.19 12 eP 40 24.00 -1.2
GRR 79.79 42 eP 40 41.80 7.3X
1.2s 22.80nm 5.0mb
FLN 80.06 42 eP 40 43.40 7.5X
1.3s 38.90nm 5.2mb
LDF 80.29 42 eP 40 44.60 7.5X
EPF 80.50 48 eP 40 46.10 7.6X
1.4s 27 80nm 5.1mb
LFF 80 80 46 eP 40 47.30 7.4X
1.3s 20 80nm 5.0mb
LPO 81.12 46 eP 40 48.80 7.2X
RJF 81.36 45 eP 40 50.10 7.2X
1.3s 17.30nm 4.9mb
LSF 81.37 44 eP 40 49.80 6.9X
1.4s 25.10nm 5.1mb
CAF 81.75 46 eP 40 52.00 7.1X
1.2s 8.90nm 4.7mb
TCF 81.84 44 eP 40 52.10 6.7X
1 2s 12.10nm 4.9mb
MZF 82.10 44 eP 40 54.00 7.3X
1.2s 9.30nm 4.8mb
BGF 82.28 44 eP 40 54.80 7.2X
1 5s 25.10nm 5.1mb
GRC 82.43 43 ePc 40 55.30 7.0X
AVF 82.62 44 eP 40 56.10 6.7X
1.3s 12.70nm 4.9mb
SSF 82.72 43 eP 40 56.70 6.8X
LOR 82.96 43 eP 40 57.60 6.4X
SMF 82.96 44 eP 40 58.00 6.8X
DOU 83.38 40 P 41 01.00 7.8X
Z 22s 0.70um 5.0Msz
S 51 22.00
ENN 84.20 40 eP 41 04.50 7.2X
1.2s 18.00nm 5.2mb
MEM 84.26 40 P 41 04.90 7.3X
WLF 84.40 41 Pd 40 59.00 0.7
WTS 84.70 38 eP 41 02.00 2.2
1 3s 32.00nm 5.4mb
LPG 84 89 47 eP 41 08 70 7.8X
BSF 84 92 43 eP 41 08 00 6 8X
1 3s 20.00nm 5.2mb
LMP 85 00 47 eP 41 09.20 7.7X
1 6s 37.30nm 5.4mb
LPG 85.04 45 eP 41 08.70 6.6X
1.5s 15.00nm 5.0mb
FPF 85.09 47 eP 41 09.30 7 4X
ECH 85.14 42 eP 41 02.00 -0.2
CDF 85.21 42 eP 41 09.60 7.0X
BUH 85.82 42 eP 41 06.80 1.2
GRF 87.68 40 eP 41 15.50 0.9
Z 22s 0.50um 4.9Msz
MOX 87.82 39 eP 41 21.00 5.8X
1.6s 25.00nm 5.3mb
Z 25s 0.50um 4.8MszX
N 20s 0.30um
E 20s 0.30um
CLL 88.60 39 eP 41 24.00 5.1X
1.4s 22.00nm 5.3mb
KHC 89.28 41 eP 41 22.50 0.2
e 41 28.00
KBA 89.42 43 eP 41 28.50 5.3X
1.4s 15.60nm 5.1mb
PRU 89.77 40 eP 41 30.00 5.5X
Z 22s 0.80um 5.1Msz
N 20s 0.30um
E 22s 0.60um
LJU 90.39 44 e(P) 41 34.00 6 5X
7?1 91 74 41 eP 41 40 80 7 2X
KJF 93.10 24 eP 41 45.00 5 4X
PPA 93.17 39 eP 41 46.70 6 5X

SPA 96.05 180 e(P) 41 52.00 -1.2
WB2 141.84 245 ePKP 47 54.10 -5.1X
WRA 141.85 245 PKPc 48 00.90 1.7X
0.9s 3.80nm
KKN 144.24 19 ePKP 48 00.30 -3.1X
0.9s 41.00nm
DMN 144.35 19 ePKP 48 01.30 -2.3
1.2s 89.00nm
PKI 144.49 19 ePKP 48 01.40 -2.5
1 0s 40.00nm
NWAO 147.70 212 ePKP 48 10.00 1.4
SHL 148.03 10 ePKP 48 13.00 3.4X
KLB 148.44 214 ePKP 48 11.00 1.1
KMI 148.59 351 PKPc 48 15.00 4.4X
MUN 148.98 212 ePKP 48 12.00 1.3
BAL 149.77 214 ePKP 48 14.00 2.1X
S.D. = 1.1 on 72 of 130 obs.

% JUN 26, 1985 22h 26m 04.46± 1.23s
31.802 S ±24.1km 67.593 W ± 6.9km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.58 289 iPc 26 16.20 -0.1
S 26 24.50
RTCV 0 81 266 iPd 26 20.00 -0.1
S 26 31.00
RTLL 0.88 302 iPd 26 21.30 -0.2
S 26 33.80
RTCB 1.08 287 ePd 26 25.20 0.4
S 26 39.60
TCA 2.60 81 ePc 26 47.40 0.0
S 27 21.60
S.D. = 0.3 on 5 of 5 obs.

% JUN 26, 1985 23h 24m 15.74± 0.97s
32.520 S ± 9.3km 116.963 E ±13.3km
DEPTH = 33.0km (normal)
WESTERN AUSTRALIA (590)
ML 2.2 (NWAO).

NWAO 0.47 151 eP 24 26.00 0.1
eS 24 33.70
MUN 0.84 310 iPc 24 30.60 -0.5
eS 24 40.50
KLB 1.15 36 iPd 24 35.00 -0.5
eS 24 48.00
RKG 1.55 179 eP 24 54.00 12.7X
eS 25 21.00
BAL 1.92 353 iPd 24 47.30 0.6
eS 25 11.20
MRWA 3.39 346 eP 25 08.00 0.3
eS 25 53.00
S.D. = 0.7 on 5 of 6 obs.

JUN 26, 1985 23h 44m 53.31± 0.44s
6.854 N ± 3.9km 72.980 W ± 3.3km
DEPTH = 154.4 ± 4 3 km
5.2mb (43 obs.)
NORTHERN COLOMBIA (99)
Felt in parts of central and
northern Colombia.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 15C
Centroid Location:
Origin Time 23:45: 1.0 1.5
Lat 7.10N 0.13 Lon 73.00W 0.14
Dep 144.2 3.6 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr= 2.07 0.75 Mtt=-0.49 0.82
Mff=-1.57 6.96 Mrt=-2.67 0.62
Mrf=-5.24 0.71 Mtf=-0.32 0.90
Principal Axes:
T Val= 6.39 Plg=54 Azm=119
N -0.45 2 26
P -5.94 36 294
Best Double Couple:Mo=6.2*10**23
NP1:Strike= 12 Dip= 9 Slip= 76
NP2: 206 81 92

BMG 0.24 336 iP 45 16 00 0.2
FUQ 1.57 209 iP 45 24.00 -0.6
UAV 2 52 46 iPnc 45 39 10 3.6X
SDV 3 08 49 iPnd 45 45.50 2.9X
0.2s 368 40nm
TOV 4.29 47 ePn 46 00 70 2.4X

UPA 6.83 288 iPc 46 29.20 -3.0X
0.8s 626.87nm 6.0mb
iS 47 41.00
CAR 7.00 58 iPd 46 35.00 0.4
0.5s 174.65nm 5.7mb
PSO 7.10 218 iP 46 36.00 -0.2
OUR 8.91 219 eP 47 09.60 9.2X
GUV 9.85 84 iPnc 47 18.90 6.6X
PCJ 11.57 340 eP 47 37.36 2.5X
eS 49 29.28
GWJ 11.74 342 iP 47 41.53 4.3X
iS 49 32.36
STH 11.77 342 eP 47 40.80 3.3X
iS 49 32.73
TRN 12.05 71 eP 47 42.30 1.2
0.8s 50.10nm 5.1mb
BBJ 12.20 340 eP 47 46.36 3.2X
iS 49 41.68
SJG 13.02 30 eP 47 52.00 -1.8
GCM 14.82 327 eP 48 16.85 0.4
HUA 18.91 187 iPc 49 05.30 0.0
e(S) 49 54.30
COM 20.94 298 iPc 49 29.50 3.9X
ATB 23.04 115 iPc 49 48.20 2.3X
ZOBO 23.47 168 Pd 49 50.90 0.1
0.3s 38.33nm 5.4mb
i 50 00.80
LPB 23.73 168 iPc 49 53.70 0.6
1.1s 303.80nm 5.7mb
S 53 57.50
LR 55 02.00
PBJ 23.91 295 iP 49 53.00 -1.4
CNCB 24.03 168 iP 49 56.20 0.1
S 53 59.00
VHO 25.38 296 iPd 50 09.50 1.2
TPM 28.08 298 iPd 50 33.00 0.2
PRM 28.45 343 iP 50 37.00 1.3
epP 51 09.50 156kmX
TPZ 28.45 172 Pc 50 38.90 2.6X
SLA 32.23 167 ePd 51 06.40 -2.8X
BHO 34.04 327 iPd 51 24.50 0.0
0.9s 44.00nm 5.2mb
i 51 57.30
JCT 34.43 316 iP 51 28.20 0.2
1.0s 16.00nm 4.7mb
FVM 34.80 335 iP 51 30.80 -0.2
0.7s 299.32nm 6.1mb
epP 52 02.50 146kmX
RLO 35.47 328 iPd 51 36.30 -0.4
TUL 35.68 327 iPd 51 38.00 -0.5
0.6s 222.00nm 6.1mb
Z 23s 0.05um 3.2MszX
SOB1 35.73 116 iPc 51 40.60 1.4
0.6s 46.10nm 5.4mb
e 51 44.70
e 51 55.60
OCO 36.33 325 ePd 51 43.60 -0.3
LTX 36.54 312 iP 51 46.00 0.1
0.9s 83.76nm 5.5mb
epP 52 19.50 151kmX
ITR 37.78 114 eP 51 56.60 0.3
0.8s 12.60nm 4.7mb
i 51 58.40
e 52 11.20
e 52 16.20
OTT 38.47 357 ePc 52 03.10 1.5
0.8s 54.00nm 5.3mb
MNT 38.50 359 iP 52 04.00 2.0
0.7s 45.00nm 5.3mb
pP 52 32.00 124kmX
TCA 38.81 169 ePd 52 01.10 -3.7X
VAO 39.09 140 eP 52 06.20 -1.0
e 52 19.60
e 52 42.40
HNME 39.39 5 eP 52 10.50 1.2
BMA 40.72 137 eP 52 20.90 0.3
e 52 21.80
ALQ 41.58 317 eP 52 28.90 1.2
epP 53 02.00 149kmX
LHC 43.67 344 eP 52 43.50 -0.7
GLD 43.70 323 iP 52 46.00 1.2
0.9s 193.68nm 5 7mb
epP 53 19.00 148kmX
GOL 43.76 323 iP 52 45.90 0 5
0.8s 142.86nm 5.6mb
ipP 53 20.20 154kmX
RMU 45.81 317 iP 53 03.00 1.4

			ipP	53	40.00	166kmX			0.8s	2.90nm		4.1mb X				Sg	24	05.80				
VRA	45.84	168	eP	52	57.70	-3.9X	BGF	75.31	44	eP	56	20.20	-1 0	LRG	0.76	227	Pg	24	01.80	0 0		
GLA	46.72	310	eP	53	09.00	0.3		0.8s		5.10nm		4.3mb					Sg	24	12.80			
			e	53	45.00		GRC	75.54	43	iPc	56	21.40	-1 0	LMR	0.78	215	Pg	24	02.10	0.0		
BAR	47.99	308	eP	53	18.00	-0 6	DAG	75.57	11	iPd	56	21.90	-0 2				Sg	24	13.40			
			e	53	54.00			0.6s		32.00nm		5.2mb		CDR	1.03	254	ePg	24	06.80	0.4		
TPC	48.08	310	eP	53	20.00	0.7	AVF	75.68	44	eP	56	22.60	-0.6				e	24	07.80			
SCH	48.08	5	eP	53	19.30	0.4	ALE	75.76	1	eP	56	22.00	-1.0				iSg	24	19.80			
	0.5s	77.00nm				5.7mb		0.7s		23.00nm		5.0mb					e	24	20.30			
BDW	48.14	324	iP	53	20.00	0.1	SMF	76.00	44	eP	56	24.00	-1.1				e	24	20.40			
	0 9s	51.28nm				5 2mb	LOR	76.07	43	eP	56	24.10	-1.3	LPG	1.55	350	Pn	24	15.60	0.8		
			epP	53	54.50	152kmX		0.8s		3.20nm		4.1mb X		CVF	1.90	137	Pn	24	19.60	-0.1		
PLM	48.40	309	eP	53	22.00	0.1	DOU	76.80	40	P	56	32.20	2.8X				Sn	24	40.80			
			e	53	57.00		CDR	77.16	47	ePc	56	30.90	-0.7		S.D. = 0.6		on	7	of	7	obs.	
RVR	49.05	310	eP	53	26.00	-0.6				epP	57	11.10	163kmX									
GSC	49.14	312	eP	53	28.00	0.5	COL	77.40	335	eP	56	33.00	0.6		JUN 27, 1985 00h 25m 12.73± 0.32s							
MWC	49.66	310	eP	53	31.00	-0.5		0.7s		10.62nm		4.7mb			63.734 N ± 2.6km 150.162 W ± 3.1km							
SBB	49.66	310	eP	53	43.00	11.6X	ENN	77.71	40	eP	56	35.50	1.2		DEPTH = 142.9 ± 3.2 km							
PAS	49.72	310	eP	53	31.00	-0.7		0.9s		9.00nm		4.5mb			4.8mb (52 obs.)							
CLC	49.94	312	eP	53	33.00	-0.5				e	56	40.50			CENTRAL ALASKA						(1)	
EUR	50.42	317	iP	53	37.20	-0.1				e	56	49.00			Felt (IV) at Talkeetna and							
ISA	50.53	311	eP	53	38.00	0.0	WLF	77.77	41	P	56	36.00	1.3		Denali National Park.							
MNA	51.46	315	iPd	53	45.40	0.3				e	57	15.80										
			e	58	40.20		LPG	77.95	45	eP	56	36.10	-0.1	COL	1.56	40	iPd	25	43.90	1.2		
LRM	51.63	325	ePd	53	46.40	0.0	WTS	78.35	38	eP	56	37.50	-0.3	FBA	1.56	40	eP	25	43.60	0.9		
BMN	51.71	317	iP	53	46.80	-0.2		0.8s		16.00nm		4.8mb		TTA	2.76	256	eP	25	58.20	0.9		
	1.0s	40.00nm				5.1mb	GWF	78.70	42	eP	56	39.00	-0.9	IMA	2.78	329	eP	25	59.80	2.1		
			epP	54	20.50	146kmX	NB2	81.23	29	P	56	53.90	0.8	SVW	3.66	226	eP	26	08.40	-0.6		
PRI	52.36	311	e(P)	53	51.60	-0.2		0.6s		9.40nm		4.7mb		MID	4.69	155	eP	26	21.20	-1.5		
LLA	52.75	311	eP	53	53.90	-0.6	CLL	82.19	39	iP	56	59.00	0.8	DWY	4.75	81	P	26	22.10	-1.4		
JAS1	52.87	313	iPd	53	54.90	-0.4	KHC	82.61	41	iPc	57	01.90	1.4				Lg	27	29.10			
			e	58	46.00					e	57	41.50		KDC	6.11	192	eP	26	38.10	-3.7X		
PRS	52.96	311	eP	53	55.50	-0.5	VOY	82.95	45	eP	57	03.00	0.6	PNL	6.54	124	eP	26	44.80	-2.9		
FFC	53.10	339	iPd	53	56.00	-0.8				e	57	41.50		BRW	8.01	345	eP	27	07.50	0.2		
	0.6s	63.00nm				5.6mb	PRU	83.21	40	eP	57	04.00	0.5	INK	8.17	49	eP	27	09.00	-0.5		
MHC	53.54	312	ePd	54	00.90	0.5				e	57	44.00			0.6s	20.00nm				4.9mb		
GCC	53.68	311	eP	54	01.50	0.2	LJU	83 39	44	eP	57	06.00	1.5	SDN	9.90	217	eP	27	30.30	-2.2		
SES	53.74	331	iPd	54	01.30	-0.3				e	57	45.50		YKA	16.00	78	P	28	51.10	0.4		
	0.5s	39.00nm				5.5mb	KSP	84 28	40	eP	57	10.00	1.2	MBC	16.05	26	eP	28	51.00	-0.2		
PCC	54.14	312	eP	54	04.80	0.1	UPP	84.43	30	iP	57	10.30	1.0	ADK	18.28	242	eP	29	17.20	-0.6		
BRK	54.19	312	eP	54	05.20	0.2	KEV	87.06	20	eP	57	24.00	1.8	PGC	20.95	124	eP	29	46.00	0.8		
ORV	54.29	314	ePd	54	05.80	0.0		1.0s		18.00nm		5.0mb		EDM	21.60	102	iPd	29	52.20	0.5		
CLX	54.51	327	iPc	54	07.30	-0.2	SOD	87.41	22	iP	57	25.10	1.2		0.8s	127.00nm				5.4mb		
MIN	54.68	315	eP	54	07.70	-1.1	SUF	88.13	27	iP	57	26.90	-0.5	PNT	21.88	117	ePd	29	55.00	0.5		
LDM	54.75	327	iP-	54	08.90	-0.1	SUF	88.13	27	iP	57	28.90	1.5	NEW	23.72	115	eP	30	13.20	0.9		
LHD	54.77	326	eP	54	09.20	0.0		0.4s		1.30nm		4.3mb		YKM	23.82	112	iP-	30	14.30	0.9		
RXF	54.89	327	eP	54	10.30	0.2	OHR	88.38	49	eP	57	30.50	1.3	RXF	24.06	112	eP	30	16.00	0.3		
YKM	55.20	327	iP-	54	12.50	0.1	KJF	88.51	25	iP	57	31.00	1.8	LDM	24.31	112	iP-	30	18.70	0.8		
WDC	55.43	315	iPd	54	11.50	-2.5		0.7s		12.00nm		5.0mb		LHD	24.36	113	eP	30	19.50	1 0		
NEW	55.64	326	iPd	54	14.60	-0.8				i	58	10.00		CLX	24.57	113	iP-	30	20.90	0.3		
			e	54	47.00		BNG	90.99	85	iPc	57	41.30	-0.5	SES	24.63	104	ePc	30	21.80	0.9		
FHC	56.53	315	eP	54	22.30	0.4		0.7s		45.00nm		5.7mb			1.0s	100.00nm				5.3mb		
EDM	56 66	332	iPd	54	21.60	-1.0				ic	58	23.10		FFC	25.64	88	eP	30	29.50	-0.6		
	0.5s	278.00nm				6.4mb X	MLR	91.38	44	eP	57	44.00	0.9		0.8s	10.00nm				4.4mb		
FRB	56.87	2	eP	54	22.00	-1.8	QUE	126.77	44	ePKP	03	41.00	0.0	ALE	27.12	17	eP	30	43.50	0.1		
	0 4s	18.00nm				5.3mb				e	04	25.30			0.7s	22.00nm				4.9mb		
PNT	57.60	326	iP	54	29.00	-0.2	DMN	139 71	31	ePKP	03	59.00	-6.5X	LRM	27.59	113	eP	30	48.30	0.1		
	0.7s	64.00nm				5.6mb	PKI	139 90	31	ePKP	03	58.80	-7.2X	WDC	28.29	132	eP	30	54.70	0.5		
PGC	59 48	324	eP	54	43.00	0.9	GBA	144.28	55	PKP	04	12.00	-1.4				e	31	26.00			
PHC	62 71	324	ePd	55	04.00	0.3	SHL	144.57	24	iPKP	04	12.30	-1.6	ORV	29.56	131	e(P)	31	04.50	-1.0		
YKA	63.28	340	P	55	07.70	0.3	KMI	147.94	7	PKPc	04	20.00	0.5	BMN	30.28	125	iP	31	12.10	0.0		
KIC	67.73	86	iPc	55	35.80	-0.9	ASPA	149.25	234	iPKPc	04	21.60	0.2		0.9s	3.52nm				4.1mb		
			i	56	16.50					i	04	25.00		BDW	31.27	113	iP	31	21.20	0.4		
LPF	72.87	42	eP	56	06.10	-0.9	WB2	150.46	241	ePKP	04	23.70	0.5		0.9s	27.01nm				5.0mb		
	0.6s	5.00nm				4.4mb				i	04	28.50		JAS1	31.39	131	eP	31	21.50	-0.1		
INK	73.03	340	iPd	56	07.90	0.3	WRA	150.47	241	PKPc	04	23.70	0.4				e	31	51.00			
	0.4s	31.00nm				5.4mb		1.0s		18.00nm				MHC	31.52	133	eP	31	23.00	0.1		
			pP	56	46.00	156kmX	RKG	151.39	197	ePKP	04	30.00	5.8X	EUR	31.57	124	iP	31	24.00	0 5		
GRR	73.05	42	eP	56	07.40	-0.7	NWAO	152.38	199	ePKP	04	32.00	6.3X		0.2s	28.47nm				5.7mb		
	0.6s	6.90nm				4.6mb	WBN	153.25	222	ePKP	04	35.50	8.3X	MNA	31.71	128	eP	31	25.00	0.4		
EPF	73.17	47	eP	56	07.70	-1.3	KLB	153.42	201	ePKP	04	35.00	7.8X	LLA	32.41	133	eP	31	31.00	0.5		
	0.6s	3.00nm				4.2mb	MUN	153.57	198	ePKP	04	35.00	7.6X	RSSD	32.50	105	iP	31	31.40	-0.1		
MFF	73.27	43	eP	56	08.80	-0.6	LOE	155.33	12	PKP	04	30.00	-0.1		0.8s	36.97nm				5.2mb		
	0.6s	7.90nm				4.6mb	MRWA	156.20	200	ePKP	04	36.00	4.9X	PRS	32.53	134	e(P)	31	31.80	0.3		
FLN	73.35	41	eP	56	09.00	-0.8	PSI	167.54	41	ePKPd	04	43.80	1.1	FRB	33.80	52	ePd	31	41.90	-0.3		
	0.6s	9.00nm				4.7mb		1.0s		22.40nm				ISA	34.09	130	eP	31	45.00	-0.1		
LDF	73.56	41	eP	56	10.40	-0.7		S.D. = 0.9 on 130 of 156 obs.						GSC	35.00	128	eP	31	53.00	0.2		
LFF	73.67	45	eP	56	10.90	-0.8								SBB	35.20	130	eP	31	54.00	-0.5		
MBC	73.80	350	eP	56	12.00	0.1		JUN 27, 1985 00h 23m 46.93± 0.82s						GOL	35.57	111	P	31	57.80	-0.1		
	0.5s	71.00nm				5.7mb		43.974 N ± 5.6km 7.127 E ± 8.4km							0.8s	8.33nm				4.5mb		
LPO	73.96	46	eP	56	12.50	-1.0		DEPTH = 10.0km (geophysicist)						RMU	35.57	120	eP	31	58.00	0.3		
RJF	74.26	45	eP	56	13.90	-1.3		NEAR SOUTH COAST OF FRANCE (379)						GLD	35.59	111	eP	31	59.50	1.6		
LSF	74.37	44	eP	56	14.70	-1.1		ML 2.8 (LDG).							0.9s	25.26nm				5.0mb		
	0.6s	2.90nm				4.2mb								RVR	35.99	130	eP	32	01.00	0.0		
CAF	74.60	45	eP	56	16.20	-1.0	FRF	0 54 220		Pg	23	57.60	-0.3	TPC	36.34	128	eP	32	05.00	0.9		
	0.7s	3.70nm				4.2mb				Sg	24	05.60		PLM	36.74	130	eP	32	08.00	0.4		
TCF	74.85	44	eP	56	17.30	-1.3	FOUF	0.61 336		P	23	58.30	-0.9	BAR	37.42	130	eP	32	14.00	0.9		

27d 00h

GLA 37.72 127 eP 32 16.00 0.3
ALO 39.21 116 eP 32 28.90 0.7
1.0s 12.50nm 4.6mb
SCH 40.54 62 eP 32 38.50 -0.2
TUL 42.83 104 iPd 32 57.40 -0.2
0.7s 27.00nm 5.0mb
RLO 42.95 103 iPd 32 58.20 -0.3
FVM 43.44 97 P 33 01.90 -0.6
OTT 43.98 78 eP 33 06 00 -0 8
MNT 44.81 76 eP 33 12 50 -0.8
LTX 45.26 117 iP 33 18.00 0 8
0.9s 18.80nm 4.7mb
JCT 45.81 112 iP 33 21.80 0 3
0.8s 41.04nm 5 1mb
KEV 46.78 1 iP 33 28.80 0.2
0.7s 13.30nm 4.7mb
SOD 49.17 2 iP 33 47.40 0.3
MAT 49.92 273 eP 33 53.00 -0.2
1.0s 10.00nm 4.5mb
KJF 52.36 1 iP 34 11.60 0.4
0.6s 18.30nm 5.1mb
SUF 53.83 2 iPc 34 22.40 0.4
0.6s 23.90nm 5.2mb
NB2 54.75 11 P 34 28.30 -0.6
0.8s 17.10nm 5.0mb
UPP 56.38 7 iP 34 39.30 -1.2
ELO 57.37 21 ePd 34 46.70 -0.8
0 6s 9.00nm 4.9mb
EDU 57.41 21 iPd 34 46.90 -0.9
0 6s 19.00nm 5.2mb
EAB 57 54 22 iPd 34 48.30 -0.4
0 6s 32.00nm 5.4mb
EBH 57 62 21 iPKP 34 48.70 -0.5
0.6s 28.00nm 5.4mb
EDI 57 98 21 ePd 34 50.90 -0.9
0.6s 14.00nm 5.1mb
EAU 58.01 21 iPd 34 51.60 -0.4
0.6s 25.00nm 5 3mb
ESY 58.08 21 eP 34 51.70 -0.8
0.7s 9.00nm 4.8mb
EBL 58.15 21 ePd 34 52.60 -0 4
0.8s 25.00nm 5.2mb
WTS 63.21 16 eP 35 27.00 -0.1
0.8s 8.00nm 4.7mb
ENN 64.31 17 eP 35 34.50 0.2
1.0s 11.00nm 4.7mb
CLL 64.54 12 eP 35 36.00 0.2
MOX 65.07 13 eP 35 39.00 -0.2
1.0s 15.00nm 4.9mb
FLN 65.33 22 eP 35 40.30 -0.6
1.0s 9.60nm 4.7mb
LDF 65.56 21 eP 35 41.80 -0.5
0.8s 6.40nm 4.6mb
GRR 65.64 22 eP 35 42.60 -0.2
0.8s 6.10nm 4 6mb
LPF 65.95 22 eP 35 44 70 -0 1
0 6s 3.30nm 4.4mb
PRU 65.99 11 P 35 45 50 0.5
KRA 66.29 7 ePc 35 46.50 -0.4
KHC 66.75 12 iPd 35 50.50 0.5
1.0s 10.50nm 4.7mb
CDF 66.79 16 eP 35 50.20 -0.1
HAU 67.07 17 eP 35 51.90 -0.1
0.6s 4.10nm 4.4mb
SPC 67.17 7 e(P) 35 52.80 0.0
BSF 67.30 17 eP 35 53.40 -0.2
0.6s 4.00nm 4 4mb
LOR 67.46 19 eP 35 54.00 -0.4
0.6s 6.60nm 4.7mb
MFF 67.49 22 eP 35 54.40 -0.2
0.6s 3.60nm 4.4mb
SSF 67.61 19 eP 35 55.10 -0.2
0.6s 6.60nm 4.7mb
LBF 67.75 19 eP 35 55.70 -0.6
0.6s 2.60nm 4.3mb
AVF 67.85 19 eP 35 56.50 -0.3
0.6s 5.00nm 4.5mb
SMF 68.06 19 eP 35 57.70 -0.5
0.8s 4.00nm 4.3mb
LSF 68.10 21 eP 35 57.90 -0.5
0.6s 6.40nm 4.6mb
TCF 68.17 20 eP 35 58.10 -0.7
0.6s 2.50nm 4.2mb
LFF 69.25 22 eP 36 05.40 0.0
0.6s 6 90nm 4.7mb
CAF 69 48 21 eP 36 06.30 -0.5
0.6s 3.00nm 4.3mb

LPO 69.57 21 eP 36 07.10 -0.3
0.7s 4.40nm 4.4mb
TOL 73.28 27 eP 36 30.00 0.5
MHI 77.56 336 iPd 36 55.50 1 7
KKN 78.95 312 eP 37 02.80 1.1
0.4s 18.00nm 5.2mb
PKI 79.11 312 eP 37 03 50 0.8
0.3s 9.00nm 5.0mb
DMN 79.17 312 eP 37 04 20 1.2
0.4s 17.00nm 5 1mb
SPA 153.58 180 e(PKP)44 54.30 8.5X
S.D. = 0.8 on 105 of 107 obs.

* JUN 27, 1985 01h 24m 54.24± 1.54s
8.113 S ±18.3km 117.845 E ±11.9km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
SUMBAWA ISLAND REGION (285)

TRT 5.18 274 iPc 26 11.00 -0.5
eS 26 56.50
MBL 13.11 172 eP 27 59.00 -1.8
eS 30 15.00
NAU 14.52 189 eP 28 18.00 -1.4
eS 30 49.00
MEK 18.41 178 eP 29 10.00 1.2
eS 32 19.00
WRA 19.84 128 Pd 29 25 30 -0.1
0.7s 3.30nm 3.8mb
WB2 19.85 128 eP 29 24.60 -0.9
eS 32 57.00
MRWA 21.07 185 eP 29 38.00 0.0
eS 33 21.00
ASPA 21 82 137 eP 29 46 00 0.3
BAL 22.40 183 eP 29 53.00 1.6
e 30 05.00
eS 33 54.00
KLB 23.36 180 eP 30 02.00 1.2
e 30 18.00
eS 34 16.00
MUN 23.79 183 eP 30 23.00 18.0X
eS 34 27.00
NWAO 24.70 181 eP 30 14 00 0.3
eS 30 34.00
eS 34 49.00
S.D. = 1.2 an 11 af 12 abs.

JUN 27, 1985 01h 36m 09.91± 0.93s
6.793 S ±29.5km 151.388 E ± 9.7km
DEPTH = 33.0km (normal)
3.7mb (1 obs.)
NEW BRITAIN REGION (192)

BGA 3.82 81 eP 37 09.00 1.0
PAA 4.11 83 eP 37 11 00 -1.0
eS 38 05.00
LAT 4.36 272 eP 37 15.50 -0.1
PMG 4.93 238 eP 37 26.50 2.8X
SVO 8.67 106 eP 38 31.00 14.9X
WB2 21.08 230 eP 40 54 10 0.2
WRA 21.09 230 Pd 40 53.90 -0.1
0.4s 1.50nm 3.7mb
S.D. = 1.0 on 5 of 7 obs.

& JUN 27, 1985 03h 28m 21 36s
62.405 N 150.921 W
DEPTH = 80.1km
CENTRAL ALASKA (1)
<AGS-P>

SKT 0.51 214 iP 28 34.78 -0.7
PWA 0.90 147 iP 28 39.02 -0.5
iS 28 52.85
SUA 0.95 175 iP 28 39.79 -0.4
MSE 1.08 121 eP 28 41.15 -0.6
eS 28 56.88
GHO 1.13 123 iP 28 42.06 -0 4
eS 28 58.51
PME 1.18 130 eP 28 42.25 -0.7
CGLM 1.22 206 iP 28 42.90 -0.6
CRP 1.28 208 eP 28 43 72 -0.7
PMS 1.33 150 eP 28 43.86 -1.1
SPU 1.34 204 eP 28 44.14 -0.9
iS 29 02.65
SML 1.36 115 iP 28 44 56 -0.7
KNK 1.53 129 iP 28 46.81 -0.7
NKA 1.67 185 eP 28 51.36 2.0

SCM 1.78 107 iP 28 49.72 -1.2
PTE 1.79 149 iP 28 49.60 -1.3
SLKM 1.93 170 eP 28 52.33 -0.6
CFI 1.94 128 eP 28 51.81 -1.1
RDT 1.97 202 eP 28 52.60 -0.9
PWL 1.98 140 iP 28 51.91 -1.7
MPA 2.06 158 eP 28 52.98 -1.7
TOA 2.24 96 iP 28 56.45 -0.7
TTV 2.26 125 eP 28 56.24 -1.1
NNL 2.38 185 eP 29 00.35 1 4
GLI 2.38 128 eP 28 57.23 -1.8
TTA 2.41 285 iP 28 57.61 -1.9
SEW 2.42 162 eP 28 58.83 -0 6
VZW 2.48 121 eP 28 58.27 -2.2
VLZ 2.53 118 eP 28 58.55 -2.5
KLU 2.53 109 iP 28 58.96 -2.3
SVW 2.59 242 eP 29 00.51 -1.4
BRLK 2.65 180 eP 29 02.64 -0.1
FID 2.70 126 iP 29 01.00 -2.4
COL 2.87 28 eP 29 03.00 -2.7
FBA 2.87 28 eP 29 03.71 -2.0
KMP 2.92 105 eP 29 04.28 -2.3
HIN 2.93 132 eP 29 04.39 -2.2
PDB 3.07 213 eP 29 07.69 -0.8
SGAM 3.34 122 eP 29 10.48 -1.9
HMT 3.82 120 eP 29 16.15 -2.8
BALM 4.31 105 eP 29 23.05 -2.9
DWY 5.45 67 P 29 41.00 -0.7
Lg 31 05.00
41 obs. associated

* JUN 27, 1985 04h 11m 49.63± 1.57s
34.206 N ±14.4km 136.551 E ±12.0km
DEPTH = 33.0km (normal)
SOUTHERN HONSHU, JAPAN (232)
Felt (I JMA) at Owose and Tsu.

OWA 0.33 245 iP 11 57.70 0.0
iS 12 03.30
TSU 0.50 357 eP 12 00.00 -0.2
iS 12 08.10
OSK 0.84 299 eP 12 05.00 -0.1
iS 12 16.00
OSA 0.97 299 eP 12 07.00 0.1
iS 12 20.40
NAG 1.02 20 eP 12 08.00 0.4
eS 12 21.00
MAT 2.70 30 iPd 12 31.30 -0.3
iS 13 02.40
S.D. = 0.3 an 6 af 6 abs.

JUN 27, 1985 04h 16m 57.52± 0.64s
34.000 N ± 6.8km 104.616 E ± 8.3km
DEPTH = 33.0km (normal)
4.3mb (2 abs.)
GANSU PROVINCE, CHINA (322)

LZH 2.18 343 Pnc 17 34.00 1.7
Pg 17 36.00
Sn 18 02.00
Sg 18 05.00
CD2 3.16 193 Pn 17 48.00 1.8
Pg 17 54.00
Sg 18 35.20
XAN 3.58 88 Pnc 17 53.60 1.5
Pg 18 02.80
Sg 18 50.80
GTA 6.63 326 Pn 18 34.10 -1.3
iPg 18 57.10
Sg 20 19.80
TIY 7.35 57 ePn 18 50.60 5.3X
Pg 19 13.10
GYA 7.72 166 P 18 50.80 0.2
BTO 7.87 32 eP 18 51.10 -1.5
HHC 8.79 37 Pn 19 04.60 -0.8
WHN 8.93 110 eP 19 06.80 -0.4
KMI 8.99 191 eP 19 05.50 -2.8
TIA 10.48 74 eP 19 28.20 -0.4
BJI 11.03 54 (P) 19 37.00 1.0
CHG 15.95 200 eP 20 47.50 6.4X
PKI 17.69 254 eP 21 04.20 0.9
0.6s 11.00nm 4 2mb
CN2 18.89 53 eP 21 20.60 2.9X
WRA 60.66 148 Pc 27 07.90 0.1
0.5s 1.70nm 4 4mb
WB2 60.66 148 eP 27 07.70 -0.1
S.D. = 1.4 on 14 of 17 obs.

& JUN 27, 1985 04h 38m 55.40s
36 510 N 121.118 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK> ML 3.3 (BRK).

LLA	0.18	53	iPd	38 58.80	-0.3
PRS	0.27	229	iPd	39 00.90	0.0
SAO	0.37	314	iPc	39 02.20	-0.6
PRI	0.52	135	iPd	39 05.80	0.0
GCC	0.88	307	ePc	39 11.30	-1 4
MHC	0.93	333	ePc	39 13.30	-0.4
PCC	1.41	315	eP	39 19.80	-2.0
			eS	39 42.50	
JAS1	1.52	21	iPd	39 22.10	-1.2
			eS	39 42.50	
BKS	1.63	327	iPd	39 25.40	0.6
			iS	39 44.60	
BRK	1.64	327	ePd	39 23.20	-1.7
ZSP	1.70	328	eP	39 24.10	-1.7
MNA	3.04	50	e(P)	39 50.00	4.8
ORV	3.06	354	e(P)	39 43.90	-1.4
MIN	3.85	354	e(P)	39 59.00	2.3
EUR	5.03	52	iP	40 15.70	2.1

15 obs. associated

* JUN 27, 1985 05h 07m 16.79± 0.54s
39.177 N ±10.8km 57.232 E ±10.6km
DEPTH = 33.0km (normal)
4.4mb (10 obs.)
TURKMEN SSR (340)

MHI	3.39	147	ePn	08 08.00	-0.7
	0.7s		57.53nm		
			eSn	08 49.00	
KER	9.44	242	eP	09 34.00	0.3
OUE	12.01	135	eP	10 09.50	0.7
			eS	13 29.20	
VAY	26.44	286	eP	12 46.40	-5.9X
SPC	28.10	303	eP	13 12.30	4.8X
KHC	32.46	302	Pd	13 48.10	2.1
NB2	35.68	323	P	14 24.40	10.8X
	0.8s		2.00nm		
CVF	36.34	291	eP	14 15.70	-3.6X
	0.8s		8.70nm	4.7mb	
CDF	36.64	301	eP	14 22.00	0.1
BSF	37.02	300	eP	14 24.60	-0.5
WLF	37.29	303	P	14 30.70	3.5X
HAU	37.30	301	eP	14 27.60	0.2
LPG	37.33	297	eP	14 28.20	0.2
	1.0s		5.70nm	4.4mb	
FRF	37.74	293	eP	14 28.30	-2 8X
	0.7s		9.50nm	4.8mb	
LMR	37.88	293	eP	14 29.00	-3.3X
LRG	37.97	293	eP	14 29.20	-3.7X
LBF	39.02	299	eP	14 41.40	-0.4
	0.8s		3.80nm	4.2mb	
LOR	39.06	300	eP	14 42.70	0.6
	0.9s		3.20nm	4.1mb	
SMF	39.16	299	eP	14 43.00	0.0
	0.8s		4.50nm	4.3mb	
SSF	39.33	300	eP	14 44.30	0.0
AVF	39 47	299	eP	14 45.40	-0.1
	0.9s		8.50nm	4.5mb	
BGF	39.85	299	eP	14 48.40	-0.3
MZF	40 09	298	eP	14 50.70	0 0
	1 0s		14.80nm	4.7mb	
TCF	40.33	299	eP	14 52.50	-0.2
	0.9s		7.50nm	4.4mb	
CAF	40.69	297	eP	14 54.90	-0 8
LSF	40.80	299	eP	14 56.00	-0.5
	1.0s		5.70nm	4.3mb	
LFF	41.61	297	eP	15 02.50	-0.6
BNG	49.21	235	ePd	15 48.90	-15.1X
	1.0s		5.00nm		
FRB	68.81	337	eP	18 28.00	8.6X

S.D. = 0.7 on 19 of 29 obs.

& JUN 27, 1985 06h 25m 33.03s
60.462 N 143.202 W
DEPTH = 22.9km
SOUTHERN ALASKA (2)
<AGS-P>.

WAX	0.17	94	iP	25 37.37	-0.9
SNH	0.34	147	iP	25 39.67	-0.8
			iS	25 44.97	
SUK	0.48	217	iP	25 42.56	-0.3
HMT	0.54	257	iP	25 43.40	-0.4
			iS	25 51.89	
YKGM	0.55	135	iP	25 43.51	-0.5
			iS	25 52.80	
BALM	0.71	36	iP	25 46.57	-0.2
			iS	25 57.23	
YAH	0.73	97	iP	25 46.49	-0.7
			iS	25 57.11	
RAGM	0.73	265	iP	25 47.34	0.2
KAIM	0.81	229	eP	25 46.47	-1.9
CSG	0.84	284	iP	25 49.28	0.4
BMRM	0.84	307	iP	25 48.50	-0.5
SGAM	0.99	273	eP	25 50.89	-0.6
GLB	1.03	343	iP	25 51.63	-0.4
CTGM	1.05	60	iP	25 52.12	-0.3
AGAM	1.12	105	eP	25 53.16	-0.3
CVA	1.26	275	eP	25 55.26	0.0
TSIM	1.30	307	iP	25 55.77	-0.1
KMP	1.38	321	iP	25 57.39	0.3
			eS	26 17.43	
PCA	1.51	103	iP	25 58.90	-0.1
			eS	26 18.00	
HIN	1.64	269	eP	26 00.30	-0.5
FID	1.64	282	eP	26 01.08	0.3
			eS	26 22.62	
VLZ	1.68	295	eP	26 01.02	-0.2
KLU	1.68	309	iP	26 01.90	0.5
			eS	26 24.39	
VZW	1.75	291	eP	26 01.97	-0.4
BCPM	1.85	104	iP	26 03.78	-0.1
GLI	1.96	284	eP	26 04.77	-0.6
PNL	2.07	111	eP	26 05.79	-1.2
TOA	2.19	320	eP	26 10.28	1.6
CFI	2.35	290	eP	26 12.17	1.3
HON	2.40	113	eP	26 09.78	-1.9
SCM	2.43	306	eP	26 12.04	-0.1
PWL	2.56	281	eP	26 13.07	-0.9
SML	2.83	301	eP	26 18.23	0.4
PTE	2.89	281	eP	26 17.49	-1.1
MPA	3.05	273	eP	26 18.11	-2.7
PME	3.07	295	eP	26 22.83	1.7
DWY	4.01	24	P	26 35.00	0.5
			Lg	27 40.00	
COL	4.93	337	eP	26 46.00	-1.5
			e	28 11.00	

38 obs. associated

* JUN 27, 1985 07h 50m 17.55± 1.18s
46.053 N ±19.1km 25.207 E ± 7.7km
DEPTH = 10.0km (geophysicist)
ROMANIA (358)

MSR	0.27	267	iPc	50 23.00	-0.2
CVO	0.71	109	iP	50 30.00	-1.6
MLR	0.76	137	iPc	50 33.00	0.5
CMP	0.79	189	ePd	50 41.00	8.0X
COZ	0.95	220	iPd	50 47.00	11.2X
VRI	1.07	99	iPc	50 36.00	-1.8
DOC	1.27	47	eP	50 43.00	1.9X
ODB	1.32	102	eP	50 43.00	1.1
BRD	1.40	112	iPc	50 44.50	1.4
CLI	1.52	70	iPd	50 45.50	0.7
PPE	1.68	84	iPc	50 50.05	2.9X
PVL	2.91	181	iPd	51 12.00	7.3X
PSN	3.18	137	eP	51 20.00	11.5X
KDZ	4.41	179	iP	51 32.00	5.9X

S.D. = 1.6 on 7 of 14 obs.

? JUN 27, 1985 08h 45m 32.95± 4.82s
59.405 N ±25.7km 6.686 E ±35.8km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.2 (8ER).

ODD	0.55	359	iPg	45 43.00	-1.0
			eSg	45 53.80	
KMY	0.76	256	iPg	45 47.50	-0.3
			eSg	45 59.00	
ASK	1.32	326	iPn	45 57.60	0.4
			iSn	46 17.90	
HYA	1.78	352	iPn	46 04.90	0.9
			eSn	46 30.00	
SUE	1.92	331	iPn	46 06.00	0.1
			eSn	46 31.00	

S.D. = 1.0 on 5 of 5 obs.

* JUN 27, 1985 09h 20m 13.78± 1.16s
5.273 S ±11.6km 132.371 E ±10 3km
DEPTH = 33.0km (normal)
4.1mb (2 obs.)
AROE ISLANDS REGION (204)

AAI	4.45	291	eP	21 21.00	0.2
MTN	7.62	189	iPc	22 05.70	0.3
	0.4s		104.00nm	6.2mb	X
			eS	23 29.00	
KNA	11.00	199	eP	22 52.00	0.1
	0.3s		37.00nm	6.1mb	X
			eS	24 49.00	
WRA	14.71	173	Pc	23 41.40	0.0
	0.4s		2.60nm	4.0mb	
WB2	14.71	173	eP	23 40.30	-1.1
			iS	26 17.70	
PMG	15.22	107	eP	23 48.00	-0.1
ASPA	18.35	176	eP	24 29.00	1.5
			eS	27 42.00	
MBL	19.93	216	eP	24 45.00	-0 9
CTA	19.98	139	iPd	24 49.40	3.0X
	0.8s		8.58nm	4.1mb	
NAU	23.68	222	eP	25 27.00	3.6X

S.D. = 0.9 on 8 of 10 obs

* JUN 27, 1985 10h 11m 08.43± 0.93s
10.598 S ±13.1km 41.008 E ±13.7km
DEPTH = 10.0km (geophysicist)
4.4mb (2 obs.)
NORTHWEST OF MADAGASCAR (574)

CLK	7.75	229	ePn	13 06.00	1.9
			iSn	14 29.00	
NAI	10.16	335	eP	13 38.00	0.3
	0.8s		29.85nm	5.8mb	X
MTD	11.03	235	iPn	13 48.00	-1.4
			i	13 56.00	
			eSn	15 47.00	
			eLg	16 56.00	
KRI	12.68	240	iPn	14 11.00	-0.9
			iSn	16 27.00	
BUL	15.25	230	iPn	14 46.00	0.3
BFS	21.04	218	e(P)	16 01.70	6.5X
GBA	43.41	57	P	19 13.00	-0.3
	0.4s		4.40nm	4.6mb	
WRA	89.53	110	P	24 08.00	0.1
	1.1s		1.90nm	4.3mb	

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

* JUN 27, 1985 11h 11m 07.83± 1.11s
44.117 N ± 9.9km 114.382 W ± 8.9km
DEPTH = 5.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.0 (NEIS).

HPI	1.01	113	iP	11 27.20	-0.5
TMI	1.96	114	eP	11 42.50	0.2
LRM	2.19	38	ePn	11 44.50	-1.1
BUT	2.29	34	ePg	11 50.10	3.0X
			eSn	12 50.00	
			eSg	13 19.90	
LCCM	2.47	45	ePn	11 49.50	-0.1
IMW	2.49	94	eP	11 50.30	0.3
SXM	3.03	47	ePn	11 58.80	1.3
HRY	3.16	34	ePn	11 59.10	-0.1
MFW	3.37	303	eP	12 02.20	0.0
BDW	3.75	109	e(P)	12 11.00	3.1X
EUR	4.78	195	iP	12 26.00	3.5X

S.D. = 0.8 on 8 of 11 obs.

? JUN 27, 1985 11h 48m 03.21± 1.64s
45.220 N ±34.8km 83.867 E ±12.0km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
NORTHERN XINJIANG, CHINA (332)

WMO	3.07	116	Pn	48 51.60	0.9
			Pg	48 56.00	
			Sn	49 28.50	
KSH	8.20	228	e(P)	50 03.00	0.1
GTA	13.15	111	eP	51 17.20	7.0X
HHC	20.67	92	eP	52 44.20	1.5
XAN	22.20	111	e(P)	52 56.00	-2.2
TIY	22.60	99	eP	53 01.20	-0.9
NB2	43.90	318	P	56 20.10	12.1X
	0.4s		0.90nm		

27d 11h

BNG 69.60 255 iPd 59 11.20 0.0
0.3s 4 00nm 5.0mb
WRA 79.44 132 Pc 00 08.40 0.7
0.6s 2.10nm 4.3mb
S.D. = 1 5 on 7 of 9 obs.

& JUN 27, 1985 12h 12m 13.77s
61.774 N 147.760 W
DEPTH = 30.9km
SOUTHERN ALASKA (2)
<AGS-P>.

SCM	0.21	74	iP	12 20.80	0.4
SML	0.27	277	iP	12 20.66	-0.4
KNK	0.49	223	iP	12 23.92	-0.3
			iS	12 31.47	
GHO	0.55	270	iP	12 24.53	-0.7
			iS	12 31.66	
MSE	0.58	277	iP	12 24.52	-1.1
			iS	12 32.09	
CFI	0.59	180	iP	12 25.47	-0.2
			iS	12 34.74	
PME	0 62	257	eP	12 25.19	-1.0
			iS	12 33.95	
TTV	0.78	157	eP	12 28.72	0.1
			eS	12 40.46	
TOA	0.82	65	iP	12 29.57	0.4
KLU	0.92	107	iP	12 30.22	-0.4
VZW	0 92	141	eP	12 29.79	-0 8
VLZ	0 94	133	iP	12 29.05	-1.7
GLI	0 95	160	eP	12 30.97	0.0
			eS	12 45.00	
PWL	0 96	197	iP	12 30.32	-0.8
			iS	12 44.15	
PMS	1 01	239	iP	12 31.36	-0.6
			iS	12 44.18	
PWA	1 02	264	iP	12 31.41	-0.5
PTE	1.10	214	eP	12 32.89	-0.1
FID	1.20	148	iP	12 34.46	0.0
TSIM	1.29	114	iP	12 35.05	-0.7
KMP	1.33	100	iP	12 36.24	-0.2
SUA	1.46	259	eP	12 38.48	0.1
MPA	1.51	212	eP	12 39.45	0.6
HIN	1.51	156	eP	12 39.77	0 8
CVA	1 57	141	iP	12 41.06	1.3
BMRM	1.74	117	iP	12 42.76	0.4
SLKM	1.74	224	IP	12 43.47	1.1
SGAM	1.78	135	eP	12 42.44	-0.4
OSG	1.80	127	iP	12 44.71	1.6
SKT	1.80	278	eP	12 43.18	0.0
SEW	1.87	207	eP	12 44.82	0.7
MTG	1.87	176	eP	12 45.57	1.4
GLB	1.92	98	eP	12 45.24	0.3
RAGM	2.05	132	eP	12 48.19	1.4
CGLM	2 09	259	eP	12 47.92	0.5
SPU	2.14	256	eP	12 49.04	0.9
CPP	2.17	258	eP	12 49.99	1.4
HMT	2 23	129	eP	12 49.56	0.2
NNL	2.45	226	eP	12 54.22	1.7
BRLK	2.53	219	eP	12 54.35	0.7
SUK	2.59	130	eP	12 57.81	3.4
BALM	2.71	103	eP	12 56.29	0.1
WAX	2.73	117	eP	12 57.04	0.6
COL	3.14	360	eP	13 02.00	-0.2
			eS	13 39.00	
FBA	3.14	360	eP	13 02.18	0.0
CTGM	3.20	102	eP	13 04.04	0.8
YAH	3.25	113	eP	13 04.28	0.3

46 obs. associated

JUN 27, 1985 12h 45m 59.48± 0.51s
6.570 S ± 3.8km 154.932 E ± 3.1km
DEPTH = 49.0 ± 4.6 km
5.3mb (15 obs.)
SOLOMON ISLANDS (193)
Felt (IV) at Arawa and Panguna, Bougainville.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 17C
Centroid Location:
Origin Time 12:46: 5.6 0.6
Lat 6.61S 0.11 Lon 154.64E 0.11
Dep 21 3 6.5 Half-duration 1 5
Moment Tensor; Scale 10**23 D-CM
Mrr= 6 19 0.52 Mtt=-3.25 0.77
Mff=-2.94 0.62 Mrt= 2.47 1.53
Mrf=-1.44 1.33 Mtf= 3.64 0.49
Principal Axes:

T	Val= 6.83	Plg=77 Azm= 16
N	0.48	6 132
P	-7.31	12 223

Best Double Couple:Mo=7.1*10**23
NP1:Strike=320 Dip=34 Slip= 100
NP2: 128 57 83

BGA	0.49	31	iPd	46 11 00	0 3
			eS	46 25.00	
PAA	0.62	64	iPd	46 11.80	-0.5
			eS	46 28 00	
RAB	3.63	311	e(P)	46 59.00	4.4X
			iS	47 50.00	
BIAL	4.06	288	eP	47 02 00	1.4
SVO	5.47	118	eP	47 19.00	-1 6
			eS	53 25.00	
HNR	5.72	120	eP	47 26.00	1.9
			eS	48 30.00	
LMG	7.11	251	iPc	47 42.60	-1.1
LAT	7.88	269	eP	47 54 00	-0.2
PMG	8.20	249	eP	47 59.00	0.3
MDG	9.20	278	e(P)	48 38.00	25.6X
CTA	15 86	211	iPc	49 46.20	5.1X
	1.0s		38.00nm		4.5mb
			iS	52 46.00	
KOU	16.60	148	iPc	49 51.90	1.5
NOU	19.19	146	iPc	50 19.50	-2.8
RMQ	20.66	196	eP	50 38.00	0.2
BRS	20.81	185	P	50 39.50	0.2
			e	50 50.70	
GUA	22.32	334	eP	50 54.40	0.0
PJG	22.38	333	eP	50 55.00	0.0
WB2	24.00	234	iPc	51 12.20	1.4
			i	51 25.30	
			iPcP	54 53.20	
			eS	55 32.00	
WRA	24.01	234	Pc	51 12.20	1.3
	0.9s		33.80nm		4.9mb
COO	24.05	186	eP	51 12.00	0.7
MTN	24.26	253	eP	51 13.00	-0.4
ASPA	26.41	228	eP	51 34.00	0.5
			e	51 45.00	
			ePcP	54 58.00	
			eS	56 09.00	
			eScS	02 26.00	
KNA	27.21	248	eP	51 42.00	1.1
KRP	36.39	152	P	53 01.00	0.0
	1.0s		94.00nm		5.7mb
			PcP	55 24.10	
TAU	36.81	189	eP	53 12.00	7.5X
MBL	36.92	243	eP	53 05.00	-0.7
GNZ	38.15	150	P	53 15.30	-0.5
MNG	38.57	155	P	53 17.90	-1.4
TCW	38.57	156	P	53 19 00	-0.3
KLG	39.55	228	eP	53 31.00	3 4X
MEK	39.94	236	eP	53 31 00	0.0
KKM	40.62	287	ePd	53 37.50	0.8
BAG	40.95	304	eP	53 39 60	0.2
NAU	41.17	243	eP	53 41.00	0.0
KLB	42.71	229	eP	53 53.00	-0.5
MRWA	43.05	234	eP	53 56.00	-0.4
BAL	43.07	231	eP	53 56.00	-0.5
MUN	44.06	230	eP	54 04.00	-0.5
MAT	45.66	341	(P)	54 16.00	-1.2
QIZ	51.19	301	eP	55 01.90	1.6
KGM	52.22	278	ePd	55 08.60	0.4
WHN	53.59	316	eP	55 16.00	-2.0
PPI	54.74	274	eP	55 25.20	-1.6
	0.8s		51.90nm		5.6mb
IPM	54.94	280	iPd	55 27.90	-0.4
	0.9s		31.60nm		5.3mb
			e	56 29.70	
MDJ	55.82	338	eP	55 32.00	-2.1
PMO	56.65	104	iP	55 39.10	-1.4
	0.9s		55.00nm		5.6mb
PSI	56.66	278	ePd	55 40.80	0.1
CN2	56.78	335	iPc	55 39.60	-1.4
TPT	56.92	104	iP	55 41 60	-0.8
	0.9s		35.00nm		5.4mb
GYA	57.15	307	P	55 45.00	0.9
RUV	57.15	104	iP	55 42 40	-1.7
TSI	57.15	278	eP	55 44 50	0.4
LOE	57.70	295	eP	55 46 50	-1.4
BJI	58.54	326	eP	55 51 00	-2.3
NST	58.59	293	eP	55 54.70	0.6

XAN	59.36	316	eP	55 57.40	-1.9
KMI	59.73	304	eP	56 02.00	-0.2
KHT	59.74	291	eP	56 02.90	0.8
CHG	60.66	296	iPc	56 08.80	0.4
	1.0s		72.50nm		5.8mb
CD2	61.49	310	P	56 13.60	-0.3
ADK	63.09	19	eP	56 14.00	-10.0X
LZH	63.97	315	Pd	56 30.50	0.1
	1.5s		50.00nm		5.3mb
GTA	68.39	317	iPd	56 58.80	0.3
S8A	71.51	177	iPc	57 17.20	0.5
	1.1s		18.99nm		4.9mb
PKI	75.15	301	eP	57 39.10	-0.2
	0.6s		28.00nm		5.4mb
KKN	75.32	301	eP	57 40.10	0.0
DMN	75.42	301	eP	57 41.20	0.5
KDC	76.83	26	eP	57 47.40	-0.2
WMQ	78.47	317	eP	57 57.00	-0.1
TTA	78.65	21	eP	57 58.00	0.3
KOD	78.92	282	eP	58 01.00	0.6
HYB	79.07	289	eP	58 00.20	-0.6
GBA	79.48	285	P	58 03.00	0.0
PMR	80.43	24	eP	58 06.40	-0.8
IMA	81.42	19	eP	58 12.40	-0.1
NDI	82.45	300	iPd	58 18.00	-0.4
COL	82.74	21	iP	58 18.00	-1.2
	0.8s		24.25nm		5.3mb
FBA	82.74	21	eP	58 17.50	-1.7
SPA	83.47	180	iPc	58 23.20	0.0
PNL	83.70	28	eP	58 24.60	0.4
BRW	83.95	14	eP	58 28.00	2.8
MAW	84.76	203	eP	58 30.00	0.6
KSH	85.67	310	eP	58 36.00	1.3
PRS	88.80	53	eP	58 51.10	1.4
LLA	89.18	53	eP	58 53.00	1.4
ORV	89.20	50	eP	58 51.60	0.0
PRI	89.33	54	eP	58 54.60	2.2
INK	89.35	21	eP	58 51.00	-0.6
SYP	89.65	55	eP	58 55.00	1.0
JAS1	89.79	52	eP	58 54.50	0.1
ISA	91.03	54	eP	59 01.00	0.8
PAS	91.08	56	eP	59 01.00	0.6
MWC	91.19	56	eP	59 01.00	-0.1
SBB	91.43	55	eP	59 02.00	-0.1
MNA	91.62	52	eP	59 04.00	1.0
RVR	91.72	56	eP	59 04.00	0.7
CLC	91.75	54	eP	59 04.00	0.5
PNT	91.97	41	eP	59 04.00	-0.2
	0.8s		10.00nm		5.3mb
PLM	92.07	57	eP	59 06.00	0.8
BAR	92.16	58	eP	59 06.00	0.6
GSC	92.34	55	eP	59 07.00	0.7
BMN	92.58	50	eP	59 07.20	-0.1
	0.9s		9.38nm		5.2mb
TPC	92.83	56	eP	59 09.00	0.5
EUR	93.43	51	iP	59 11.90	0.5
	0.2s		72.57nm		6.8mb X
NEW	93.49	42	eP	59 11.00	-0.2
GLA	93.74	57	eP	59 14.00	1.3
YKA	95.99	28	P	59 23.70	1.4
EDM	96.24	37	eP	59 23.00	-0.7
BDW	98.45	48	eP	59 33.50	-0.7
	1.0s		5.60nm		5.0mb
FRB	114.99	20	ePKP	04 35.00	-1.3
MTD	119.38	247	iPKPd	04 46.00	-0.2
BUL	120.93	242	iPKPd	04 48.70	-0.4
	0.7s		17.81nm		
KRI	121.16	246	iPKPd	04 48.00	-1.6
KHC	126.54	329	PKP	04 58.50	-0.5
OHR	126.67	317	ePKP	04 58.20	-1.3
BSF	130.73	332	iPKPc	05 07.50	0.4
LOR	132.49	333	iPKPc	05 10.90	0.5
	0.7s		2.60nm		
SSF	132.80	334	ePKP	05 11.60	0.7
TCF	133.97	334	iPKPc	05 13.90	0.7
	0.7s		4.00nm		
LSF	134.29	334	iPKPc	05 14.30	0.5
BNG	136.54	270	ePdiff	02 13.30	-11.1X
	0.6s		12.00nm		
			ic	03 08.20	
			id	05 18.00	
			ic	05 19.90	
VAO	143.63	145	ePKP	05 28.30	-3.3X
BMA	145.43	148	ePKP	05 34.50	-0.1
BAO	148.34	134	PKPc	05 39.10	-0.5
ATB	151.17	109	e(PKP)	05 43.50	-0.3
SOB1	157.76	135	ePKP	05 52.80	0.0

e 06 10.80
e 06 25.60
S.D. = 1.0 on 118 of 126 obs.

JUN 27, 1985 13h 10m 44.91± 0.39s
34.498 N ± 6.9km 90.026 E ± 6.9km
DEPTH = 33.0km (normal)
4.7mb (10 obs.)
QINGHAI PROVINCE, CHINA (325)

LSA	4.88	168	P	12 08.00	9.7X
KKN	7.82	213	eP	12 41.20	1.7
PKI	7.96	211	eP	12 40.40	-1.1
DMN	8.06	213	eP	12 42.20	-0.6
GTA	9.24	55	eP	13 05.70	6.7X
WMO	9.48	350	eP	12 57.20	-5.1X
XAN	15.63	86	eP	14 26.00	1.6
GYA	16.42	115	P	14 36.00	1.5
BJI	21.50	67	eP	15 31.00	-1.8
NB2	55.21	324	P	20 16.60	-0.1
	1.0s	6.70nm		4.6mb	
PRU	55.65	311	P	20 21.50	1.6
GRF	57.80	311	eP	20 37.00	1.8
CDF	60.67	311	eP	20 55.00	-0.1
BSF	61.17	310	eP	20 58.70	0.1
	0.6s	5.60nm		4.9mb	
LPG	62.04	308	iPd	21 05.40	0.7
	0.7s	6.30nm		4.9mb	
LOR	63.23	310	eP	21 11.70	-0.5
LBF	63.26	310	eP	21 11.90	-0.5
	0.7s	3.60nm		4.6mb	
SMF	63.48	310	eP	21 13.80	0.0
	0.9s	5.50nm		4.7mb	
SSF	63.53	310	eP	21 13.90	-0.2
AVF	63.73	310	iPd	21 15.60	0.1
MZF	64.45	310	eP	21 20.50	0.3
	0.9s	6.00nm		4.7mb	
TCF	64.66	310	eP	21 21.70	0.1
	0.9s	8.10nm		4.8mb	
CAF	65.31	309	eP	21 25.60	-0.2
	0.8s	4.50nm		4.6mb	
GRR	65.68	313	eP	21 27.90	-0.2
WRA	68.61	135	Pc	21 45.40	-1.5
	0.8s	3.80nm		4.5mb	
INK	72.51	16	eP	22 08.00	-1.8
MTD	75.38	238	eP	22 27.00	-0.4
KRI	76.80	239	eP	22 35.00	-0.4
BUL	79.73	237	iP	22 51.10	-0.3
	1.0s	5.00nm		4.5mb	
S.D. = 1.1 on 26 of 29 obs.					

• JUN 27, 1985 13h 55m 20.42± 0.77s
8.792 S ±10.5km 124.106 E ±11.3km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
TIMOR (289)

MTN	7.99	121	iPc	57 18.90	1.7
			eS	58 39.00	
FNA	8 28	147	eP	57 22.00	0.8
	0 3s	18.00nm		5.7mb X	
			eS	58 46.00	
MBL	12 97	198	eP	58 26 00	0.9
			eS	00 38.00	
WRA	14.86	139	Pd	58 49.30	-0.7
	0 6s	6.30nm		4.1mb	
WB2	14.87	139	eP	58 47 80	-2.3
			iS	01 22.00	
NAU	15.98	210	eP	59 09.00	4.6X
			eS	01 52.00	
WBN	17.41	173	eP	59 26.00	3.4X
			eS	02 24.00	
ASPA	17.51	149	eP	59 24.00	0.2
			eS	02 25.00	
MEK	18.49	196	eP	59 36.00	0.1
			eS	02 51.00	
MRWA	21.70	199	eP	00 10.00	-0.6
			eS	04 05.00	
PKI	52.06	315	iP	04 29.60	-0.3
	0.4s	22.00nm		5.5mb X	
KKN	52.28	315	iP	04 31.50	0.1
	0.7s	15.00nm		5.1mb X	
DMN	52.29	315	iP	04 31.70	0.2
	0.5s	12.00nm		5.1mb X	
S.D. = 1.2 on 11 of 13 obs.					

• JUN 27, 1985 14h 25m 20.64± 3.09s
52.260 N ±17.5km 152.898 E ±15.4km
DEPTH = 495 3 ± 43.3 km
4.5mb (6 obs.)
NORTHWEST OF KURIL ISLANDS (220)

MAT	18.84	219	iPc	29 08.80	0.0
	0.6s	8.00nm		4.5mb	
IMA	29.59	42	eP	30 20.90	-24.8X
COL	32 09	44	iP	31 07.00	0.2
	0.8s	23.13nm		4.8mb	
INK	37.18	36	eP	31 49.00	-0.1
KKN	55.03	271	eP	34 06.60	-0.1
PKI	55.11	271	eP	34 07.20	-0.2
	0.9s	26.00nm		4.6mb	
DMN	55.26	271	eP	34 08.70	0.3
	0.9s	89.00nm		5.1mb	
FFC	56.67	42	iPc	34 17.40	-0.1
	0.7s	8.00nm		4.2mb	
WRA	73.70	198	Pd	36 04.40	0.0
	0.7s	3.80nm		4.0mb	
S.D. = 0.2 on 8 of 9 obs.					

• JUN 27, 1985 14h 35m 06.41± 1.14s
56.966 N ±10.9km 156.982 W ± 8.3km
DEPTH = 97.3 ± 10.8 km
4.7mb (12 obs.)
ALASKA PENINSULA (12)

SDN	2.55	232	eP	35 49.10	2.4
KDC	2.56	70	eP	35 45.10	-1.7
SVW	4.21	9	eP	36 11.50	1.9
TTA	6.00	4	eP	36 36.40	2.0
PMR	6.14	38	eP	36 36.10	0.0
MID	6.14	62	eP	36 35.10	-1.1
TOA	7.53	42	eP	36 54.00	-1.2
CDL	9.12	25	eP	37 16.00	-0.9
	0.8s	27.99nm		5.2mb	
FBA	9.12	25	eP	37 15.60	-1.3
PNL	9.64	66	eP	37 21.00	-2.9
INK	15 53	34	eP	38 42.00	1.3
PNT	23 44	93	iP	40 09.00	1.7
	0.7s	20.00nm		4.6mb	
EDM	24.92	80	iPd	40 22.50	1.0
	0.8s	46.00nm		5.0mb	
NEW	25.39	93	eP	40 26.80	0.9
EUR	31.82	106	iP	41 24.00	0.2
	0.2s	30.14nm		5.7mb	
FRB	40.89	43	eP	42 42.00	2.4
MAT	46.86	273	eP	43 25.00	-3.1
SCH	47.06	52	eP	43 30.00	0.5
JCT	47.27	99	iP	43 31.10	-0.3
	0.9s	48.32nm		5.3mb	
CN2	48.51	289	Pc	43 38.80	-2.0
BJI	55.99	292	eP	44 35.00	-1.6
SUF	60.62	358	iP	45 09.20	0.7
	0.5s	1.30nm		4.3mb	
NB2	61.97	6	P	45 18.30	0.6
	0.7s	2.10nm		4.3mb	
NUR	62.86	359	iP	45 24.20	0.8
HFS	63.01	5	eP	45 25.20	0.7
	0.6s	3.60nm		4.5mb	
GTA	64.40	303	P	45 33.40	-0.6
EKA	66.06	16	Pd	45 47.80	3.6X
	0.7s	3.50nm		4.4mb	
CD2	69.40	295	P	46 05.60	0.2
SSF	75.07	14	eP	46 42.90	4.2X
LSF	75.60	15	eP	46 45.80	4.1X
	0.9s	11.60nm		4.7mb	
TCF	75.66	15	eP	46 45.90	3.9X
LFF	76.76	16	eP	46 52.70	4.5X
	0.9s	7.50nm		4.5mb	
CAF	76.97	15	eP	46 53.60	4.2X
GBA	96.56	307	Pd	48 25.80	-0.4
	0.6s	13.80nm		5.7mb	
S.D. = 1.6 on 28 of 34 obs.					

& JUN 27, 1985 17h 27m 48.06s
59.896 N 153.452 W
DEPTH = 126.1km
SOUTHERN ALASKA (2)
<AGS-P>.

PDB	0.39	254	iP	28 05.24	-1.1
			iS	28 19 05	
ILM	0.43	48	iP	28 05.99	-0.6
			iS	28 20.63	
AUL	0.52	179	iP	28 06.45	-0.6
RDT	0.86	37	iP	28 09.02	-0.7
			iS	28 25.08	
NNL	1.09	81	eP	28 12.02	0.2
BRLK	1.30	95	iP	28 13.04	-1.0
NKA	1.39	51	eP	28 16.14	1.2
SPU	1.46	28	iP	28 15.06	-0.8
CRP	1.52	24	iP	28 16.00	-0.6
			eS	28 39.01	
CGLM	1.59	26	iP	28 16.58	-0.8
SLKM	1.73	68	eP	28 17.63	-1.3
SEW	2.02	82	iP	28 21.35	-1.1
SUA	2.06	39	eP	28 22.28	-0.9
			eS	28 49.24	
MPA	2.13	72	eP	28 22.65	-1.2
KDC	2.21	167	eP	28 21.70	-3.2
SKT	2.29	23	eP	28 24.78	-1.2
PMS	2.35	53	eP	28 25.03	-1.7
PTE	2.40	64	eP	28 25.25	-2.1
PWA	2.48	43	eP	28 27.10	-1 3
PWL	2.72	67	eP	28 28.92	-2 6
PME	2.78	49	eP	28 30.06	-2.2
KNK	2.89	56	eP	28 31.38	-2.4
GHO	2.91	48	eP	28 31.59	-2 5
MSE	2.93	46	eP	28 31.76	-2.7
MTG	3.00	87	eP	28 33.65	-1.5
SML	3.15	50	eP	28 34.33	-2.9
GLI	3.31	70	eP	28 37.23	-2.0
HIN	3.51	79	eP	28 40.29	-1.7
SCM	3.57	54	eP	28 40.02	-2.8
FID	3.57	73	iP	28 40.54	-2.3
VZW	3.61	68	eP	28 40.53	-2.8
KLU	4.03	63	eP	28 46.13	-3.0
TOA	4.18	55	eP	28 48.89	-2.1
33 obs. associated					

& JUN 27, 1985 18h 20m 00.03s
33.621 N 106.475 W
DEPTH = 0.0km
NEW MEXICO (496)
<GLD>. mbLg 3.4 (NEIS).
Explosion, "MINOR SCALE", White Sands Missile Range.

ALQ	1.32	1	iPc	20 25.00	-0.5
			iS	20 45.00	
LTX	4.90	150	P	21 16.30	-0.6
JCT	6.47	117	eP	21 37.00	-2.0
QCO	7.66	73	eP	22 15.50	19.8
TUL	9.08	72	eP	22 44.20	28.8
	0.6s	22.10nm			
EUR	9.62	310	iP	22 56.80	33.8
	0.2s	3.35nm			
BHO	9.67	82	e(P)	22 26.00	2 5
RLO	9.74	72	eP	22 49.70	25.2
8 obs. associated					

% JUN 27, 1985 19h 06m 30.03± 1.22s
31.821 S ±19.0km 67.796 W ± 7.1km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.43	299	iPd	06 39.30	0.4
			S	06 45.00	
RTCV	0.63	266	iPd	06 42.70	-0.1
			S	06 52.70	
RTLL	0.76	310	ePd	06 44.50	-0.3
RTCB	0.92	291	ePc	06 47.60	-0.1
TCA	2.78	81	ePc	07 15.50	0.0
S.D. = 0.4 on 5 of 5 obs.					

JUN 27, 1985 19h 18m 47.17± 0.71s
1.172 N ± 3.4km 127.300 E ± 4.2km
DEPTH = 145.9 ± 7.1 km
5.6mb (29 obs.)
HALMAHERA (267)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 21C
Centroid Location:
Origin Time 19:18:52.6 0.7
Lat 1.30N 0.09 Lon 127.43E 0.11
Dep 159.8 6.0 Half-duration 1.7
Moment Tensor; Scale 10**23 D-CM
Mrr= 2.74 0.95 Mtt= 7.23 1.06
Mff=-9.97 1.22 Mrt=-5.66 0.82
Mrf=-3.93 0.96 Mtf= 1.44 1.27
Principal Axes:

27d 19h

T Val= 11.62 Plg=35 Azm=169
N -0.53 50 21
P -11.09 16 270
Best Double Couple:Mo=1.1*10**24
NP1:Strike=315 Dip=53 Slip= 15
NP2: 216 78 142

AAI	4.91	170	ePc	20	02.00
			eS	20	48 50
DAV	6.12	344	eP	20	16 00
CGP	7.69	340	ePc	20	35.20
			iS	21	16.00
KKM	12.07	294	ePc	21	36.20
MTN	14.44	165	iPd	22	03.70
MAN	14.75	336	eP	22	14.00
BAG	16.53	337	eP	22	31.00
KNA	16.88	175	iPc	22	36.20
	0.3s	200.00nm		5.9mb	
WEW	16.98	106	eP	22	38.00
TRT	17.08	239	iPc	22	41.80
	1.0s	498.60nm		5.8mb	
MDG	19.53	109	eP	23	06.00
MOM	20.35	99	eP	23	13.00
LAT	21.14	112	eP	23	23.00
WRA	22.09	162	Pd	23	32.10
	0.6s	169.30nm		5.6mb	
WB2	22.10	162	iPc	23	31.20
			eS	27	25.00
PMG	22.39	118	eP	23	35.00
LMG	23.06	116	iPd	23	41.10
MBL	23.36	198	iPc	23	44.00
	0.4s	27.00nm		5.1mb	
KGM	23.99	272	ePd	23	50.60
	1 1s	571.30nm		6.0mb	
OIZ	24.65	317	eP	23	56.20
			S	28	09.00
QZH	25.09	341	eP	24	00.00
			S	28	20.00
ASPA	25.51	166	iPc	24	03.50
			iS	28	33.00
			eScS	34	42.00
ALOA	25.64	117	e(P)	24	06.00
GZH	25.66	329	Pc	24	06.00
KLM	25.71	275	ePc	24	06.50
NAU	26.23	205	iPc	24	10.50
	0.5s	54.00nm		5.4mb	
IPM	26.45	278	ePc	24	12.60
	0.6s	28.70nm		5.1mb	
			e	24	24.10
PPI	26.95	267	eP	24	17.70
	0.7s	23.60nm		4.9mb	
WBN	27.16	181	eP	24	18.50
CTA	28.14	140	iPc	24	28.20
	1.1s	143.67nm		5.6mb	
			iS	29	36.00
			i(ScP)	31	06.00
PSI	28.40	273	ePd	24	30.50
	1.2s	110.50nm		5.5mb	
TSI	28.80	275	ePc	24	34.00
MEK	28.88	196	iPc	24	33.50
LOE	29.87	304	eP	24	41.50
NST	30.42	300	eP	24	48.00
KHT	31.42	297	eP	24	57.10
GTA	32.03	323	P	25	02.60
MRWA	32.10	199	iPc	25	02.00
KLG	32.26	189	iPd	25	03.30
	0.3s	11.00nm		5.1mb	
CHG	32.87	304	eP	25	09.40
	1.4s	145.35nm		5.5mb	
			eS	30	28 00
BAL	33.17	197	iPc	25	11.20
	0.4s	21.00nm		5.2mb	
KMI	33.60	317	iPc	25	17.30
N	20s	0.30um			
			eS	30	08.00
			sS	30	27.00
KLB	33.82	195	iPc	25	17.10
	0.5s	112.00nm		5.9mb	
HNR	34.18	109	eP	25	20.00
	1.0s	200.00nm		5.8mb	
RMQ	34.42	145	iPc	25	22.20
MUN	34.60	197	iPc	25	23.30
	0 4s	112.00nm		6.0mb	
NWAO	35 22	195	iPc	25	29.10
	0 6s	73.00nm		5 6mb	
STK	35.55	159	iPc	25	32.10
	0.7s	288 00nm		6.1mb	

			e	26	54.00
RKG	36.36	194	iPd	25	44.10
	0.4s	37.00nm		5.5mb	
MAT	36.61	15	eP	25	40.00
CMS	36.93	153	iPc	25	43.50
XAN	36.95	334	Pd	25	44.00
			S	31	19.00
CD2	37 04	325	P	25	45.20
ADE	37.50	165	iPc	25	48 80
	0.8s	305.97nm		6 1mb	
BRS	37.51	141	iPc	25	47.80
			i	27	25.00
			e	27	52.00
			i(ScP)	31	39.20
TIY	38.85	341	eP	26	00.00
COO	39.31	145	iPc	26	04.20
	0.3s	37.00nm		5.6mb	
BJI	39.99	347	eP	26	09.00
SNY	40.61	356	eP	26	13.80
BFD	40.69	161	iPc	26	15.20
	0.6s	B7.00nm		5.6mb	
LZH	40.99	331	Pd	26	19.00
CAN	41.59	153	iPc	26	23.50
			i	28	00.60
HHC	41.99	342	eP	26	25.80
TOO	42.07	158	iPc	26	27.40
KOU	42.16	123	iPc	26	27.40
WAM	42.26	154	iPc	26	29.30
			i	28	07.30
BTO	42.26	340	eP	26	28.00
CN2	42.48	358	eP	26	30.00
MDJ	43.31	2	eP	26	36.00
LSA	44.57	313	P	26	47.40
NOU	44.74	124	iPc	26	48.10
GTA	45.58	330	iPd	26	55.40
			ScP	32	08.90
			ScS	36	32.90
PKI	47.93	307	iPd	27	13.40
KKN	48.13	307	iPd	27	15.00
DMN	48 19	307	iPd	27	15.70
KOD	50.33	282	eP	27	31.00
HYB	50.55	292	iPd	27	33.10
	1.0s	324.00nm		6.0mb	
GBA	50.85	287	P	27	34.80
SGE	53.21	113	eP	27	54.00
NDI	55.01	305	iPd	28	04.70
			eS	35	33.00
WMO	55.14	326	P	28	07.40
			S	35	38.00
CRZ	55.32	134	P	28	09.00
KRP	59.06	137	P	28	34.20
	1.0s	153.00nm		5.9mb	
TCW	59.91	140	P	28	38.60
KSH	60.22	316	eP	28	44.00
WEL	60.26	140	P	28	40.00
			pP	28	49.00
MNG	60.38	139	P	28	41.00
	0.9s	120.00nm		5.8mb	
GNZ	61.12	136	P	28	47.10
OUE	64.00	303	iPd	29	06.80
			eS	31	13.30
DRV	68.29	175	eP	29	33.00
MHI	71.51	308	iPd	29	54.30
SHI	76.20	300	eP	30	21.00
MAW	81.57	200	eP	30	50.00
SBA	81.74	172	iPc	30	50.40
	0.9s	21.01nm		4.9mb	
TTA	82.91	27	eP	30	57.80
IMA	84.48	24	eP	31	05.40
	0.5s	4.80nm		4.6mb	
NAI	90.52	269	eP	31	38.00
	1.0s	20.00nm		5.2mb	
SPA	91.16	180	e(P)	31	37.00
SOD	93.03	338	iP	31	43.90
KJF	93.13	334	eP	31	44.00
SUF	94.07	333	eP	31	48.00
VAY	100.26	312	ePdiff	32	15.00
NB2	101.32	334	Pdiff	32	20.40
	0.8s	1.90nm		4.8mb	
ALQ	118.30	49	ePKP	37	19.50
	1.0s	4.50nm			
JCT	125.26	51	iPkP	37	33.00
	0.9s	25.21nm			
KIC	131.55	280	ePKP	37	45.90
LNV	142.98	154	iPKPc	37	51.50
PCH	143.65	154	ePKPc	38	04.60
PEL	143.99	154	iPKPd	38	05.90

ROCH	143.99	153	iPKPd	38	06.00
FCH	144.00	155	iPKPd	38	06.40
JACH	144.42	154	iPKPc	38	07.50
TCA	147.96	161	ePKPc	38	15.00
BBJ	148.99	50	ePKP	37	54.80
SLA	153.52	153	ePKP	38	31.00
TPZ	154.49	143	PKPd	38	29.00
YJA	155.69	150	ePKPd	38	28.00
			S	38	55.00
CNCB	158.37	137	iPKP	38	31.80
			i	39	06.70
LPB	158.48	136	PKP	38	28.00
			i	39	07.40
ZOBO	158.64	135	PKPc	38	31.70
SOB1	165.80	235	e(PKP)	38	38.00

S.D. = 1.0 on 112 of 121 obs.

% JUN 27, 1985 20h 24m 57.21± 1.14s
47.099 N ±11.0km 1.104 E ± 6.3km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.5 (LDG).

LSF	0.90	161	Pg	25	14.80
			Sg	25	26.80
MFF	0.99	240	Pg	25	15.90
			Sg	25	31.20
TCF	1.11	136	Pg	25	17.60
			Sg	25	32.00
BGF	1.31	114	Pg	25	21.20
			Sg	25	36.40
MZF	1.35	130	Pg	25	22.30
			Sg	25	39.00
AVF	1.57	100	Pg	25	24.80
			Sg	25	44.60
LOR	1.89	84	Pg	25	30.00
			Sg	25	54.00
SMF	1.93	103	Pg	25	30.80
			Sg	25	55.60

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

* JUN 27, 1985 21h 10m 13.64± 1 00s
37.326 N ±14.3km 24.340 E ±12.6km
DEPTH = 188.3 ± 13.6 km
3.5mb (1 obs.)
SOUTHERN GREECE (368)

ATH	0.81	323	ePg	10	41.50
			eSg	11	00.00
NPS	2.30	153	ePn	10	54.20
			eSn	11	23.00
VLS	3.09	287	ePb	11	05.00
			eSb	11	42.00
YER	3.15	92	iP	11	05.70
VAY	4.22	342	ePn	11	17.60
OHR	4.67	325	ePn	11	23.80
NB2	25.14	345	P	15	22.90
	0.5s	0.70nm		3.5mb	

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

JUN 27, 1985 21h 31m 57.60± 1.34s
1.569 N ± 5.1km 126.456 E ±10.6km
DEPTH = 54.2 ± 13.6 km
4.8mb (3 obs.)
MOLUCCA PASSAGE (266)

AAI	5.50	162	eP	33	19.50
CGP	7.06	346	eP	33	39.00
KKM	11.14	294	ePd	34	39.00
KNA	17.36	173	eP	35	57.00
WRA	22.74	160	Pc	36	56.10
	0.4s	13.10nm		4.7mb	
WB2	22.74	160	eP	36	56.00
			eS	41	01.10
MBL	23.50	196	eP	37	03.00
OIZ	23.79	318	eP	37	07.10
GZH	24.89	330	P	37	19.60
ASPA	26.11	164	eP	37	28.00
NAU	26.24	203	eP	37	30.00
MEK	29.04	195	eP	37	55.00
CHG	31.95	304	eP	38	21.00
MRWA	32.21	197	iPd	38	22.40
BAL	33.32	195	eP	38	32.00
KLB	34.00	193	eP	38	38.00
MUN	34.75	195	eP	38	44.00
NWAO	35.40	193	eP	38	51.00
XAN	36.23	335	eP	38	56.00

CD2	36.24	326	eP	38	56.70	-0.8
MAT	36.46	16	eP	38	59.00	-0.2
TIY	38.21	342	eP	39	13.80	-0.2
BRS	38.35	141	iPc	39	15.80	0.5
8JI	39.42	348	eP	39	23.50	-0.4
SNY	40.16	357	eP	39	31.50	1.5
LZH	40.23	331	eP	39	30.50	-0.4
CN2	42.06	359	eP	39	46.60	1.0
CAN	42 32	152	eP	39	49 30	1.4
WAM	42.99	153	eP	39	57.10	3.8X
GTA	44.81	330	P	40	07.90	-0.3
PKI	47.02	307	eP	40	25.00	-1.1
	0.3s		3.00nm			4.7mb
KKN	47.22	307	eP	40	25.20	-2.3
HYB	49.62	292	eP	40	44.50	-1.5
GBA	49.93	286	Pc	40	50.30	2.0
	0.5s		12.20nm			5.2mb
WMO	54.34	326	P	41	21.30	0.2
SBA	82.25	172	e(P)	44	07.00	-6.9X
KJF	92.41	334	iP	45	04.00	0.6
SUF	93.34	333	eP	45	11.00	3.3X
TCA	148.60	162	e(PKP)	51	43.90	6.8X
	S.D. = 1.1		on 35 of 39 obs.			

* JUN 27, 1985 21h 40m 51.24± 1.79s
36.781 N ±16.0km 71.488 E ± 9.0km
DEPTH = 142.9 ± 24.3 km
4.2mb (2 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.59	211	iPc	42	40.50	0.0
			eS	44	01.80	
NDI	9.40	148	iP	43	05.00	0.5
			iS	44	43.00	
MHI	9 66	271	eP	43	08.00	-0.1
			eS	44	50.00	
KKN	14.70	124	eP	44	12.90	-0.6
DMN	14.70	125	eP	44	14.40	0.8
PKI	14.93	124	eP	44	15 90	-0.6
GBA	23.69	165	Pd	45	50.80	-0.1
	0.6s		12.20nm			4.6mb
NB2	44.39	323	P	48	49.00	0.2
	0.7s		1.60nm			3.8mb
	S.D = 0.6		on 8 of 8 obs.			

JUN 27, 1985 23h 15m 42.16± 0.41s
52 332 N ± 9.4km 157.735 E ± 7.0km
DEPTH = 115.0km (3 depth phases)
4.4mb (20 obs.)
KAMCHATKA (217)

MAT	20 96	229	eP	20	16.00	-1.3
			(S)	20	38.00	
INK	35.36	37	eP	22	28.00	0.4
ALE	43.87	7	eP	23	38.00	0.1
	0 8s		10.00nm			4.6mb
NEW	51.53	58	P	24	36.10	-1.7
JAS1	56 49	70	eP	25	14.20	0.0
BMN	56.60	66	eP	25	15.50	0.4
	0 9s		1.56nm			4.0mb
EUR	57.95	66	iP	25	24.80	0.2
	0.3s		11.54nm			5.4mb
FRB	58.76	22	eP	25	28.00	-1.7
BDW	59 14	59	eP	25	32.80	-0.1
	1 0s		8.00nm			4.7mb
			epP	26	00.50	114km
RSON	60 86	43	eP	25	45.30	1.1
RSSD	61 02	55	iP	25	45.20	-0.5
	0.8s		15.85nm			5.1mb
			epP	26	13.00	113km
RMU	62.43	64	eP	26	03.00	8.0X
GLA	63.15	70	iP	26	00.00	0.3
NB2	63.86	343	P	26	02.20	-1.8
	1.1s		5.50nm			4.4mb
ALQ	66.47	63	eP	26	21.00	-0.3
	1.0s		4.25nm			4.3mb
EKA	71.54	349	Pd	26	50.70	-1.1
	0.4s		3.80nm			4.6mb
LTX	72.26	65	eP	26	56.50	-0.1
	0.9s		4.79nm			4.3mb
JCT	73.49	62	eP	27	04.00	0.3
	0.9s		3.78nm			4.2mb
WRA	74.80	203	P	27	12.00	0.8
	0.8s		1.40nm			3.8mb
KBA	76.39	336	i(P)	27	20.00	-0.1
	1.0s		8.50nm			4.5mb
			e	27	50.00	118km
FLN	77.59	345	eP	27	26.30	-0.2
GRR	78.01	346	eP	27	28.80	0.0
LDR	78.29	342	eP	27	29.80	-0.6
	0.8s		4.00nm			4.3mb
LPF	78.39	346	eP	27	30.90	0.1
LBF	78.54	342	eP	27	31.20	-0.6
SSF	78.56	342	eP	27	31.50	-0.3
AVF	78.85	342	eP	27	33.30	-0.1
	0 9s		7.20nm			4.5mb
BGF	79.16	343	eP	27	35.50	0.4
	0.5s		1.60nm			4.1mb
LPG	79.41	340	eP	27	38.40	1.6
TCF	79.54	343	eP	27	37.20	0.0
MZF	79.54	343	eP	27	37.60	0.4
	0.6s		5.80nm			4.6mb
MFF	79.64	345	eP	27	38.00	0.3
LSF	79.70	343	eP	27	38.00	0.0
	0.5s		2.10nm			4.2mb
RJF	80.61	343	eP	27	43.30	0.4
CAF	80.88	343	eP	27	45.90	1.6
	0.8s		5.30nm			4.4mb
LFF	81.11	344	eP	27	46.10	0.7
LPO	81.27	343	eP	27	46.90	0.6
	0.6s		5.40nm			4.5mb
EPF	83.03	344	eP	27	55.80	0.3
	0.8s		4.50nm			4.4mb
VAO	145.13	42	ePKP	35	08.10	0.7
	S.D. = 0.8		on 38 of 39 obs.			

& JUN 27, 1985 23h 55m 24.88s
60.124 N 147.662 W
DEPTH = 30.4km
SOUTHERN ALASKA (2)
<AGS-P>.

MTG	0.23	159	iP	55	30.55	-0.9
			iS	55	35.36	
HIN	0.64	64	iP	55	37.78	0.2
			iS	55	48.37	
GLI	0.81	20	iP	55	39.78	-0.3
PWL	0.81	336	iP	55	39.34	-0.8
FID	0.86	43	iP	55	39.80	-1.0
			iS	55	50.57	
SEW	0.90	269	iP	55	40.27	-1.0
			iS	55	52.33	
MPA	0.92	294	iP	55	40.87	-0.8
MID	0.97	136	eP	55	42.53	0.2
TTV	0.97	16	iP	55	42.30	-0.1
			eS	55	55.78	
PTE	1.00	318	iP	55	42.26	-0.6
CVA	1.04	65	iP	55	43.17	-0.2
CFI	1.06	357	eP	55	43.05	-0.6
VZW	1.09	30	iP	55	44.14	0.0
			iS	55	59.28	
VLZ	1.20	32	iP	55	45.76	0.1
SGAM	1.28	72	eP	55	46.63	-0.1
			iS	56	04.90	
SLKM	1.33	288	eP	55	46.47	-1.1
KNK	1.35	344	eP	55	47.91	0.1
PMS	1.46	321	eP	55	48.85	-0.6
CSG	1.49	68	iP	55	50.79	0.9
RAGM	1.51	79	iP	55	50.61	0.4
			iS	56	09.79	
TSIM	1.59	45	iP	55	51.66	0.3
KLU	1.62	31	eP	55	51.92	0.2
KAIM	1.64	96	eP	55	51.36	-0.6
PME	1.65	337	eP	55	52.31	0.2
BRLK	1.66	259	eP	55	51.13	-1.2
HMT	1.71	81	eP	55	52.42	-0.6
SML	1.72	349	eP	55	53.36	0.1
SCM	1.72	5	eP	55	54.35	1.1
NNL	1.82	269	eP	55	54.06	-0.6
MSE	1.83	340	eP	55	55.10	0.2
PWA	1.88	326	eP	55	55.10	-0.3
KMP	1.90	42	eP	55	56.23	0.4
SUK	1.95	90	eP	55	56.13	-0.3
SUA	2.02	313	eP	55	57.03	-0.6
TOA	2.12	19	eP	56	00.93	2.0
GLB	2.31	53	eP	56	01.50	-0.1
RDT	2.40	283	eP	56	01.48	-1.5
SPU	2.41	298	eP	56	01.95	-1.1
SNH	2.41	87	eP	56	02.67	-0.5
WAX	2.42	80	eP	56	01.90	-1.3
CGLM	2.44	301	eP	56	02.55	-1.1
CRP	2.49	299	eP	56	03.34	-1.0
ILM	2.58	274	eP	56	03.56	-1.9
SKT	2.65	316	eP	56	05.28	-1.1
BALM	2.78	68	iP	56	07.85	-0.5
YAH	2.96	83	eP	56	10.07	-1.0
COL	4.79	359	eP	56	50.00	13.2
	47 obs. associated					

* JUN 28, 1985 00h 00m 45.35± 0.95s
36.972 N ±16.0km 140.825 E ±20 7km
DEPTH = 48.7 ± 11.9 km
4.1mb (1 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (I JMA) at Mito.

ONA	0.07	112	eP	00	53.00	0.2
			S	01	00.00	
MIT	0.66	206	eP	00	58.00	-0.5
			iS	01	08 60	
TSK	0.95	217	eP	01	01.90	-0.7
TOK	1.54	214	eP	01	11.00	0.7
			S	01	29 90	
DDR	1.63	234	eP	01	12.60	0.4
			e	01	33.40	
SRY	1.85	223	eP	01	15.00	-0.2
KYS	1.85	197	eP	01	15.60	0.4
OYM	2.01	220	eP	01	18.00	0.5
NB2	74.06	337	P	12	17.50	-0.1
	0.9s		2.20nm			4.1mb
	S.D. = 0.5		on 9 of 9 obs.			

? JUN 28, 1985 00h 46m 45.94± 4.80s
16.722 N ±68.5km 87.783 W ±42.4km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
CARIBBEAN SEA (94)

JCT	17.55	323	iP	50	51.10	1.3
	0.9s		8.40nm			3.9mb
BHO	18.70	341	e(P)	51	03.00	-0.8
TUL	20.40	341	eP	51	32.80	10.0X
	1.0s		12.20nm			
RLO	20.41	343	eP	51	32.50	9.6X
OCO	20.62	337	e(P)	51	09.00	-16.1X
FFC	39.48	347	iP	54	17.50	2.6X
	0.6s		9.00nm			4.7mb
EDM	41.56	337	iPc	54	31.50	-0.5
FRB	48.81	11	eP	55	31.00	1.3
YKC	49.39	344	eP	55	33.00	-1.1
	0.8s		21.00nm			5.2mb
YKA	49.43	344	P	55	34.40	-0.1
INK	59.05	342	eP	56	40.00	-4.8X
	S.D. = 1.4		on 6 of 11 obs.			

* JUN 28, 1985 00h 56m 57.13± 1.22s
46 264 N ± 8.7km 13.487 E ±15.7km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 2.4 (KBA). Felt at Bovec, Yugoslavia.

VOY	0.37	129	iPgc	57	04.70	0.0
			iSg	57	09.80	
TRI	0.59	161	i(Pg)	57	09.00	0.0
			iSg	57	18.70	
LJU	0.76	106	ePg	57	12.00	0.0
	0.5s		130.00nm			
			eSg	57	23.00	
KBA	0.82	353	iPgd	57	13.30	0.2
			iSg	57	23.20	
BHG	1.52	344	iPgd	57	26.20	1.9X
KHC	2.87	1	Pg	57	43.60	-0.2
			Sg	58	28.10	
	S.D. = 0.2		on 5 of 6 obs.			

* JUN 28, 1985 03h 40m 56.09± 0.84s
45.006 N ± 5.5km 6.685 E ±15.3km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.6 (LDG).

FOUF	0.48	172	P	41	04.55	-1.3
			Sg	41	10.75	
LPG	0.49	5	Pg	41	06.40	0.2
			Sg	41	14.40	
FRF	1.45	181	Pn	41	22.40	0.1
			Sn	41	41.30	
CDR	1.48	207	eP	41	23.30	0.5
			e	41	23.50	
			eSg	41	41.40	

28d 03h

		e	41 41.80		
		e	41 42.60		
LRG	1.57	189 Pn	41 24 60	0	6
		Sn	41 45.00		
LMR	1.68	184 Pn	41 26.20	0	6
		Sn	41 47.80		
SMF	2.58	311 Pg	41 44.40	5.8X	
BGF	3.10	301 Pn	41 45.30	-0.7	
S.D = 0.9 on 7 of 8 obs.					

* JUN 28, 1985 04h 03m 11.96± 1.72s
10 833 S ±11.5km 164.280 E ±14.5km
DEPTH = 61.0 ± 14.3 km
4.7mb (3 obs.)
SANTA CRUZ ISLANDS REGION (183)

HNR	4.49	288 eP	04 19.00	0.0	
		eS	05 13.00		
SVO	4 70	290 eP	04 22.00	-0.1	
		eS	05 19.00		
KOU	9.67	180 iPd	05 30.50	-0.5	
		iS	07 16.50		
NOU	11.60	170 iPc	05 57.20	0.1	
		iS	07 56.50		
CTA	19.64	240 iPc	07 39.60	1.0	
0.9s 46.22nm 4.8mb					
BRS	19 71	212 P	07 40.80	1.5	
WB2	30.20	249 eP	09 18.00	-1.0	
WRA	30.21	249 Pc	09 18.20	-0.9	
0.8s 5.00nm 4.3mb					
SBA	67.02	179 e(P)	13 59.50	-0 6	
SPA	79.24	180 e(P)	15 22.00	10 0X	
COL	83.57	19 eP	15 35 00	0.5	
0.8s 11.94nm 5.0mb					
BNG	145.47	262 ePKPd	22 39 70	-6 1X	
1 0s 5.00nm					
		id	22 58.00		
SOB1	148 01	128 ePKP	22 54.30	4 4X	
0 7s 4.20nm					
S D = 1.0 on 10 of 13 obs					

& JUN 28, 1985 04h 19m 10.89s
58 598 N 137.667 W
DEPTH = 16.8km
SOUTHEASTERN ALASKA (19)
<AGS-P>.

HON	1.06	324 iP	19 29.85	-0.6	
		eS	19 46.11		
PNL	1.40	321 eP	19 35.46	-0.2	
		eS	19 52.70		
BCPM	1.69	324 eP	19 40.43	0.5	
		eS	20 02.11		
SIT	1.99	140 eP	19 47.70	3.6	
PCA	2.01	320 eP	19 45.10	0.6	
		eS	20 12.13		
AGAM	2.32	314 eP	19 52.14	3.1	
YAH	2.73	312 eP	19 58.44	3.4	
		eS	20 32.48		
7 obs. associated					

* JUN 28, 1985 04h 36m 51.05± 1.62s
39.129 N ±13.9km 23.286 E ± 9 4km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

LIT	1.15	328 iPc	37 12.20	-0.4	
THE	1.52	351 eP	37 18.00	-0.3	
SRS	2.00	7 ePc	37 25.30	0.1	
KNT	2.05	352 iPc	37 26.30	0.3	
VAT	2.26	346 iPn	37 29.00	0.0	
EZN	2.45	73 iPn	37 31.10	-0.6	
OHR	2 75	317 iPn	37 36.20	0.2	
KDZ	2.96	31 iPc	37 38.00	-1.0	
PLD	3.16	19 eP	37 44.00	2.2	
SKO	3.17	334 ePn	37 45.00	3.1X	
		i	38 38.00		
IZM	3.19	102 iPn	37 42.60	0.3	
KGT	3.37	66 ePn	37 55.00	10.3X	
DIM	3.40	30 eP	37 46.00	0.9	
EDC	3.73	70 ePn	38 02.70	12.7X	
JMB	4.17	36 eP	38 12.00	15.9X	
PVL	4.26	19 iPd	37 57.00	-0.4	
MLR	6.66	16 eP	38 30.00	-1.4	
S.D. = 1.0 on 13 of 17 obs.					

& JUN 28, 1985 04h 42m 55.66s
57.480 N 155.835 W
DEPTH = 115.0km
ALASKA PENINSULA (12)
<AGS-P>.

KDC	1.82	80 iP	43 25 63	-1.4	
		eS	43 48 65		
AUI	2.25	33 iP	43 31.87	-0.7	
PDB	2.47	20 iP	43 33 17	-2 3	
ILM	3.13	29 iP	43 42.38	-1 9	
BRLK	3.46	46 eP	43 46 63	-2.0	
		eS	44 25.86		
NNL	3.49	41 eP	43 48.18	-0.9	
RDT	3.57	28 eP	43 48.44	-1.8	
		eS	44 28.99		
SVW	3.64	2 eP	43 47.74	-3.4	
SPU	4.19	26 eP	44 03.49	4.9	
		eS	44 46.79		
SLKM	4.20	41 eP	43 56.70	-2.1	
SEW	4.24	49 eP	43 58.10	-1.1	
CRP	4.24	25 eP	43 57.78	-1.6	
CGLM	4.31	25 eP	43 58.23	-2.1	
MPA	4.51	45 eP	44 01.06	-1.8	
SUA	4.76	31 eP	44 04.18	-2.4	
PTE	4.88	43 eP	44 05.40	-2.5	
PMS	4.95	38 eP	44 06.52	-2.5	
		eS	44 58.77		
SKT	5.01	24 eP	44 07.30	-2.5	
PWL	5.13	46 eP	44 08.37	-3.1	
PWA	5.16	33 eP	44 09.14	-2.7	
KNK	5.45	41 eP	44 12.76	-3.1	
CFI	5.55	45 eP	44 14.65	-2.5	
MSE	5 59	36 eP	44 13.76	-4.0	
GLI	5.64	49 eP	44 15.93	-2.5	
HIN	5 65	55 eP	44 16.24	-2.3	
SML	5.77	38 iP	44 16.27	-4.0	
FID	5 83	52 eP	44 17.66	-3.4	
VZW	5 96	49 eP	44 20.34	-2.5	
SGAM	6.27	57 eP	44 24.50	-2.6	
KLU	6.45	47 eP	44 26.59	-3.1	
HMT	6.64	60 eP	44 30.04	-2.2	
KMP	6.82	49 eP	44 32.14	-2.6	
BALM	7.77	57 eP	44 45.17	-2.5	
YAH	7 84	62 eP	44 46.63	-2.1	
34 obs. associated					

* JUN 28, 1985 04h 46m 29.74± 2.28s
1.149 N ± 9.4km 122.608 E ±15.1km
DEPTH = 110.0 ± 23.4 km
4.8mb (8 obs.)
MINAHASSA PENINSULA (265)

AAI	7.37	131 eP	48 19.00	2.8	
BAG	15.30	353 eP	49 51 00	-10.2X	
KNA	17.86	160 eP	50 31.00	-1.7	
QIZ	21.73	326 P	51 21.70	8.3X	
IPM	21.82	279 ePc	51 14.90	0.6	
		e	51 24.00		
WRA	23.91	152 Pc	51 34.20	-0.5	
0.7s 21.40nm 4.7mb					
WB2	23.92	152 eP	51 32.70	-2.0	
NAU	24.55	196 iPd	51 39.80	-0.9	
0.5s 23.00nm 4.9mb					
MEK	27.88	188 eP	52 09.00	-2.2	
KMI	30.60	323 eP	52 36.00	0.3	
CD2	34.57	331 P	53 09.40	-0.5	
XAN	35.14	340 eP	53 12.60	-2.1	
TIY	37.57	347 eP	53 35.00	-0.2	
ADE	38.96	159 iPc	53 46.70	-0.1	
0.8s 46.27nm 5.3mb					
BJI	39.15	352 eP	53 46.50	-1.7	
SNY	40.50	1 eP	53 57.60	-1.7	
GTA	43.39	334 Pd	54 23.40	0.3	
CAN	43.87	148 eP	54 27.50	0.6	
KKN	44.47	310 eP	54 32.60	0.5	
0.6s 4.00nm 4.4mb					
DMN	44.52	310 eP	54 33.60	1.1	
0.8s 10.00nm 4.7mb					
HYB	46.22	293 eP	54 46.50	0.7	
GBA	46.37	288 Pc	54 50.10	3.1X	
0.8s 10.80nm 4.7mb					
WMQ	52.61	329 P	55 36.00	1.5	
SBA	82.39	171 iPc	58 41.80	1.5	
1.0s 20.00nm 4.9mb					
SPA	91.14	180 e(P)	59 25.10	1.9	
MTD	91.31	253 eP	59 15.00	-9.8X	
BUL	94.14	250 iPd	59 38.50	0.6	
0.9s 8.40nm 5.1mb					
ALQ	121.79	47 ePKP	05 14.00	0.9	
1.0s 3.75nm					
JCT	128.85	48 iPKP	05 27.10	0.5	
1.0s 5.50nm					
S.D. = 1.4 on 25 of 29 obs.					

& JUN 28, 1985 05h 04m 39.70s
61.526 N 150.809 W
DEPTH = 69.5km
SOUTHERN ALASKA (2)
<AGS-P>.

SUA	0.07	153 iP	04 49.93	1 5	
		eS	04 58.54		
PWA	0.46	74 iP	04 52.05	-0.2	
		eS	05 01.36		
SKT	0.57	323 iP	04 52.77	-0.6	
		eS	05 03.00		
CGLM	0.62	250 iP	04 53.47	-0.5	
		eS	05 03.99		
PMS	0.66	115 iP	04 54.01	-0.4	
		eS	05 05.01		
SPU	0.69	241 iP	04 53.92	-0.8	
CRP	0.70	249 eP	04 54.66	-0.3	
		eS	05 06.12		
PME	0.86	82 iP	04 56.28	-0.3	
		eS	05 08.97		
MSE	0.93	70 eP	04 57.45	-0.3	
		eS	05 10.73		
SLKM	1.06	164 iP	04 58.36	-0.9	
PTE	1.09	127 iP	04 58.88	-0.7	
KNK	1.14	95 iP	04 59.71	-0.5	
SML	1.21	75 iP	05 00.55	-0.7	
RDT	1.23	220 iP	05 00.73	-0.8	
MPA	1.26	145 eP	05 01.08	-0.7	
PWL	1.37	118 iP	05 02.32	-1.0	
CFI	1.51	102 eP	05 04.34	-0.7	
NNL	1.51	189 eP	05 05.84	0.7	
SEW	1.58	154 eP	05 06.78	0.7	
		eS	05 24.27		
ILM	1.67	217 iP	05 06.84	-0.5	
		eS	05 28.31		
SCM	1.69	78 eP	05 07.08	-0.6	
BRLK	1.77	181 eP	05 08.53	-0.2	
TTV	1.84	103 eP	05 08.77	-1.0	
GLI	1.91	108 iP	05 08.89	-1.8	
VZW	2.11	101 eP	05 12.01	-1.4	
		eS	05 38.35		
VLZ	2.19	98 eP	05 12.78	-1.8	
FID	2.24	108 eP	05 12.66	-2.6	
		eS	05 39.85		
TOA	2.28	73 eP	05 15.84	0.0	
KLU	2.34	89 eP	05 15.02	-1.7	
PDB	2.41	225 eP	05 16.32	-1.3	
KMP	2.77	88 eP	05 20.49	-2.2	
TTA	2.81	302 iP	05 22.15	-1.2	
32 obs. associated					

& JUN 28, 1985 06h 23m 55.94s
60.072 N 152.892 W
DEPTH = 100.0km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.12	19 iP	24 09.54	1.0	
		eS	24 20.85		
RDT	0.56	25 iP	24 11.84	-0.6	
		eS	24 25.11		
PDB	0.71	247 iP	24 12.92	-0.8	
		eS	24 26.48		
AUI	0.79	200 eP	24 13.53	-0.9	
NNL	0.80	91 eP	24 15.08	0.5	
BRLK	1.06	106 eP	24 16.81	-0.5	
		eS	24 33.44		
SPU	1.19	20 iP	24 18.03	-0.8	
		eS	24 35.87		
CGLM	1.31	19 iP	24 19.79	-0.6	
		eS	24 38.73		
SLKM	1.40	71 eP	24 20.29	-1.1	
SEW	1.73	87 eP	24 23.94	-1.5	
		eS	24 45.63		
SUA	1.75	36 eP	24 25.34	-0.5	
MPA	1.81	75 eP	24 25.29	-1.2	
		eS	24 47.64		
PMS	2.02	53 eP	24 28.53	-0.8	
SKT	2.03	19 eP	24 28.34	-1.1	

PTE 2.07 66 eP 24 28.74 -1.2
eS 24 53.07
PWL 2.39 69 eP 24 32.15 -2.1
KNK 2.56 56 eP 24 35.25 -1.3
MSE 2 61 46 eP 24 35.55 -1.7
eS 25 05.05
SML 2.83 50 eP 24 38.26 -1.9
FID 3.25 75 eP 24 43.42 -2.5
FLU 3 70 64 eP 24 49.50 -2.7
21 obs. associated

* JUN 28, 1985 07h 31m 20.91± 0.54s
10.626 S ± 8.2km 40.983 E ±10.7km
DEPTH = 10.0km (geophysicist)
4.4mb (5 obs.)
TANZANIA (573)

CLK 7.71 229 ePn 33 16.50 0.5
NAI 10.18 336 eP 33 51.00 0.6
1.0s 40.00nm 5.8mb X
MTD 10.99 235 iPn 34 01.00 -0.4
KRI 12.65 240 iPn 34 23.00 -0.9
BUL 15.21 230 iPn 34 58.00 0.3
SLR 19.25 217 eP 35 55.00 6.6X
EVA 19.39 214 e(P) 35 56.50 6.3X
i 36 50.00
SWZ 22.11 220 eP 36 18.00 -0.4
1.2s 343.75nm 5.7mb X
i 37 20.00
BNG 26.89 303 iPc 37 19.90 15.8X
1.1s 121.00nm
i 38 07.10
GBA 43.45 57 Pd 39 25.20 -0.8
0.3s 1.90nm 4.3mb
KIC 48.55 288 eP 40 17.00 10.3X
NUR 72.09 352 iP 42 47.90 0.9
SUF 74.02 353 eP 42 50.00 -8.3X
0.4s 1.70nm 4.4mb
NB2 75.21 346 P 43 05.10 -0.2
0.7s 1.70nm 4.2mb
KJF 75.29 354 iP 43 05.90 0.3
ESY 75.56 336 ePc 43 07.50 0.2
1.0s 36.00nm 5.4mb
EAU 75.84 336 eP 43 08.80 -0.1
EBH 76.15 336 eP 43 09.50 -1.2
EDU 76.16 337 eP 43 09.50 -1.2
SOD 78.49 354 iP 43 24.50 1.2
SPA 79.44 180 e(P) 43 31.00 2.1
WRA 89.54 110 Pc 44 19.60 -0.9
0.9s 3.10nm 4.6mb
EUR 144.70 328 iPKP 51 01.20 1.0X
0.5s 4.26nm
S.D. = 1.0 on 17 of 23 obs.

JUN 28, 1985 07h 32m 20.05± 0.26s
10.614 S ± 5.7km 41.238 E ± 5.6km
DEPTH = 10.0km (geophysicist)
5.4mb (50 obs.) 5.4Msz (11 obs.)
NORTHWEST OF MADAGASCAR (574)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 27C
Centroid Location:
Origin Time 07:32:27.0 0.3
Lat 10.30S 0.04 Lon 41.55E 0.03
Dep 10.0 FIX Half-duration 2.4
Moment Tensor; Scale 10**24 D-CM
Mrr=-2.83 0.05 Mtt=-0.13 0.07
Mff= 2.96 0.07 Mrt= 0.06 0.21
Mrf= 0.09 0.25 Mtf=-0.72 0.06
Principal Axes:
T Val= 3.12 Plg= 1 Azm=257
N -0.29 2 347
P -2.83 88 147
Best Double Couple:Mo=3.0*10**24
NP1:Strike=346 Dip=44 Slip= -93
NP2: 169 46 -87

CLK 7.91 230 ePn 34 15.50 -2.5
eSn 35 39.00
MTD 11.20 236 iPn 34 59.00 -4.5X
KRI 12.87 240 iPn 35 21.00 -5.0X
iSn 37 36.00
BUL 15.42 231 iPnc 35 54.40 -5.1X
0.9s 237.39nm 5.5mb
eSn 38 38.00
iS* 38 45.00

eLg 40 15.00
JOZ 18.83 206 eP 36 42.00 -0.3
0.5s 35.21nm 4.8mb
AAE 19.67 353 eP 36 52.40 -0.3
ARO 22.06 4 eP 37 19.00 2.0
WIN 25.96 240 eP 37 55.00 0.1
1.0s 185.00nm 5.7mb
S 45 57.00
SUR 28 71 218 iPc 38 21.00 1.2
1.0s 102.00nm 5.6mb
ASW 35.43 347 eP 39 24.00 5.5X
eS 45 12.00
PRNI 41.16 352 eP 40 08.00 1.7
HLW 41.35 347 eP 40 06.00 -1.8
eS 46 28.00
SHI 41.48 15 eP 40 08.00 -1.1
KOD 41.56 61 eP 40 11.00 0.9
eS 46 24.00
JER 42 54 352 eP 40 18.00 0.3
GBA 43.23 57 P 40 22.00 -1.4
POO 43.29 48 eP 40 23.00 -0.9
RTB 43.48 359 ePc 40 27.00 1.9
BHD 43.74 4 ePd 40 28.50 1.2
e 47 46.00
e 59 16.00
e 02 07.00
e 03 56.00
HRI 43.95 353 eP 40 31.00 1.8
KER 45.06 7 ePc 40 40.00 1.8
HYB 46.21 53 eP 40 47.50 0.2
1.4s 175.00nm 5.9mb
e 42 24.00
MSL 46.78 2 ePc 40 51.50 0.0
KIC 48.78 288 eP 41 06.20 -1.4
MHI 49.73 19 eP 41 16.00 1.3
e 43 09.00
eS 48 32.00
GPA 51.65 349 iP 41 31.10 2.0
NDI 52.29 41 eP 41 34.00 -0.1
Z 18s 1.03um 4.9Msz
eS 49 02.00
THE 53.72 343 eP 41 46.00 1.6
KDZ 54.01 345 iPc 41 48.00 1.4
DIM 54.34 346 eP 41 51.00 2.0
VAY 54.47 343 iP 41 49.00 -1.0
OHR 54.81 341 eP 41 52.40 -0.2
SKO 55.40 342 iP 41 59.00 2.2
eS 49 56.00
VTS 55.47 344 iPd 41 59.00 1.7
BUC 56 46 347 ePc 42 07.00 2.6X
DMN 57.00 47 eP 42 06.40 -2.5
0.7s 8.00nm 4.9mb
PKI 57.20 47 eP 42 07.50 -2.9
0.7s 9.00nm 4.9mb
KKN 57.23 47 eP 42 07.80 -2.7
0.7s 9.00nm 4.9mb
CMP 57.51 346 ePc 42 14.00 2.1
MLR 57.52 347 eP 42 11.00 -1.1
VRI 57.72 348 ePc 42 12.00 -1.3
CVO 57.79 348 eP 42 15.00 1.2
SYO 58.34 181 eP 42 17.40 0.1
TSI 58.76 79 ePc 42 23.50 2.4
KSH 59.36 31 P 42 27.00 2.0
PPI 59.64 84 ePc 42 29.00 1.8
SHL 61.02 53 iP 42 34.30 -2.4
eS 50 54.00
TRI 61.27 338 eP 42 38.00 0.2
ePP 45 00.00
ePPP 46 28.00
eS 51 04.00
IPM 61.40 79 ePd 42 39.10 -0.2
1.1s 57.60nm 5.6mb
e 42 49.00
SRO 61.63 343 iP 42 41.60 1.4
eS 51 10.00
SNG 61.69 76 eP 42 40.00 -1.2
SOP 62.05 341 eP 42 42.00 -1.0
KHT 62.19 67 eP 42 45.20 0.7
LMR 62.33 332 eP 42 43.90 -1.0
1.4s 34.80nm 5.4mb
ZST 62.34 342 iP 42 46.40 1.5
i 43 04.90
SPC 62.35 345 eP 42 46.40 1.2
FRF 62.44 332 eP 42 44.30 -1.4
1.2s 38.80nm 5.5mb
LRG 62.49 332 eP 42 45.10 -0.9
0.9s 16.30nm 5.2mb

LSA 62.57 49 P 42 45.00 -2.4
eS 51 16.50
KBA 62.60 339 iPd 42 44.20 -2.7
1.0s 15.50nm 5.2mb
i 42 48.10
i 43 10.80
i 43 41.60
CDR 62.93 332 ePd 42 51.00 2.1
i 43 23.30
KRA 63.22 345 ePd 42 49.00 -1.7
1.1s 76.00nm 5.8mb
Z 18s 1.90um 5.3Msz
e 42 51.30
e 42 54.80
eS 51 26.00
OSS 63.46 337 eP+ 42 54.20 1.6
CRT 63.47 321 iP 42 56.40 3.7
TMA 63.49 335 eP+ 42 53.80 1.6
NST 63.89 67 eP 42 54.00 -1.7
LPG 63.91 334 eP 42 54.10 -1.6
1.3s 17.30nm 5.1mb
LLS 64.06 336 eP+ 42 57.40 0.8
KHC 64.28 340 P 42 56.00 -1.8
1.2s 38.00nm 5.5mb
Z 14s 0.80um 5.1MszX
N 14s 0.60um
E 14s 0.60um
e 43 08.50
S 51 38.00
PRU 64.71 341 eP 42 58.50 -2.0
Z 15s 0.90um 5.1MszX
N 16s 0.50um
E 12s 0.90um
e 43 20.00
e 46 16.00
eS 51 40.00
PCT 64.71 68 eP 43 01.50 0.4
KSP 64.94 343 eP 43 02.50 0.5
SLE 64.99 336 eP+ 43 03.70 1.3
EPF 65.14 328 eP 43 02.60 -0.8
1.3s 26.70nm 5.3mb
TOL 65.46 323 eP 43 08.00 2.5X
ePP 45 40.00
eS 52 35.00
GRF 65.56 339 eP 43 07.00 1.0
1.3s 49.00nm 5.5mb
Z 21s 0.80um 4.9Msz
CAF 65.63 330 eP 43 06.00 -0.5
BRG 65.67 341 eP 43 06.60 -0.1
1.1s 36.00nm 5.5mb
i 43 26.20
i 45 25.30
BSF 65.73 335 eP 43 05.60 -1.6
1.4s 96.80nm 5.8mb
BUH 65.83 337 eP 43 07.20 -0.6
LPO 65.88 330 eP 43 07.50 -0.6
1.3s 24.50nm 5.2mb
LOE 65.92 66 eP 43 08.00 -0.9
CDF 66.00 336 eP 43 06.90 -2.0
1.0s 16.00nm 5.2mb
HAU 66.05 335 eP 43 07.50 -1.7
1.3s 44.40nm 5.5mb
SMF 66.08 333 eP 43 08.10 -1.3
1.2s 41.60nm 5.5mb
RJF 66.17 330 eP 43 09.30 -0.7
1.2s 23.80nm 5.3mb
MOX 66.23 340 eP 43 11.00 0.-
1.5s 39.00nm 5.4mb
LBF 66.28 333 eP 43 09.10 -1.6
1.2s 41.10nm 5.5mb
LFF 66.29 330 eP 43 10.00 -0.7
1.2s 22.80nm 5.2mb
GWF 66.31 337 iPc 43 12.50 1.7
MZF 66.33 332 eP 43 10.30 -0.7
1.4s 64.50nm 5.6mb
CLL 66.35 341 iP 43 11.60 0.6
e 43 27.00
AVF 66.41 333 eP 43 10.30 -1.1
1.3s 63.90nm 5.7mb
BGF 66.47 332 eP 43 10.80 -1.0
1.2s 37.10nm 5.5mb
LOR 66.54 333 eP 43 10.70 -1.6
1.3s 72.20nm 5.7mb
SSF 66.55 333 eP 43 10.70 -1.6
1.2s 27.90nm 5.3mb
TCF 66.56 332 eP 43 11.60 -0.9
1.3s 76.80nm 5.7mb

28d 07h

LSF 66.85 331 eP 43 13.30 -1.0
1.3s 56.90nm 5 6mb
WLF 67 44 336 Pc 43 30.00 12.1X
MFF 67.91 331 eP 43 20.40 -0.6
1 2s 20.20nm 5 2mb
MEM 68.25 337 Pc 43 25.30 2.3X
ENN 68.40 337 eP 43 23 50 -0.5
1 0s 26.00nm 5 4mb
DOU 68.41 336 P 43 25 60 1 6
Z 16s 1.20um 5 2MszX
S 52 28 00
WMO 68.66 34 iPd 43 26.50 0.7
sP 43 37 00
UCC 69.05 336 P- 43 30 00 2.1
WTS 69.05 338 eP 43 28.00 0.1
1 0s 12 00nm 5.0mb
LDF 69 33 332 eP 43 28.50 -1.2
1 2s 53.50nm 5.6mb
LPF 69 36 331 eP 43 28 80 -1.1
1 1s 42 50nm 5.5mb
GRR 69.52 332 eP 43 30.00 -0.9
1 2s 30.80nm 5.3mb
FLN 69.61 332 eP 43 30.00 -1.4
1.0s 17.60nm 5.2mb
KMI 69.64 58 Pd- 43 33.00 0.6
N 18s 1.80um
pP 43 41.00 26kmX
eS 52 40.00
COP 70.30 343 eP- 43 35.00 -0.5
NUR 72.11 351 iP 43 45.10 -1.2
1.0s 74.00nm 5.7mb
eS 53 06.00
eSS 58 04.00
NWAO 72.60 121 eP 43 48.00 -1.9
1 0s 50.00nm 5.6mb
UPP 72 74 348 iP 43 48.40 -1.6
CD2 72 76 53 eP 43 50.60 -0.2
eS 53 18.00
GYA 73.42 58 P 43 55.00 0.1
GTA 73 66 44 P 43 54.80 -1.2
sP 44 06.80
S 53 23.00
SUF 74 04 353 iP 43 56.30 -1.2
KONO 74 49 344 eP 43 59.10 -1.1
LZH 74 98 48 Pc 44 06.00 2.2
NBO 75.26 345 P 44 02.40 -2.3
1 1s 41.00nm 5.4mb
KJF 75.30 354 iP 44 03.40 -1.4
1 0s 90.00nm 5.8mb
eS 53 44.00
eSS 59 00.00
VAL 76.39 330 iP 44 12.00 0.8
S 53 08.00
XAN 77.99 52 eP 44 19.00 -1.6
PcP 44 29.50
S 54 13.00
GZH 78.06 64 P 44 20.00 -1.1
SOD 78.50 354 iP 44 21.80 -0.7
i 44 24.20
HKC 78.57 65 e(P) 44 28.00 4.1X
SPA 79.46 180 eP 44 28.70 0.6
1.0s 59.50nm 5.5mb
e 44 42.40
SOB1 80.68 262 eP 44 37.50 2.0
1.1s 19.30nm 5.0mb
e 44 40.50
e 44 45.20
e 44 53.20
WHN 81 15 57 eP 44 38.00 0.4
S 54 49.00
BTO 81.24 46 P 44 39 40 1 4
WBN 81 26 115 eP 44 37.00 -1.3
TIY 81.96 49 eP 44 41 00 -0.8
S 54 57 50
ITA 82 32 249 eP 44 48.30 4 1X
HHC 82.42 46 P 44 46.50 2.3
BAG 82.93 72 eP 44 49.00 1.7
OZH 83.19 63 Pd 44 49.60 1.4
DRV 83.79 157 eP 44 54.00 3.4X
VAO 84.29 248 eP 44 57.50 3.5X
e 44 59.00
KNA 84.83 105 eP 44 57.00 0.3
TIA 85.05 52 eP 44 56.80 -0.7
NJ2 85.27 56 eP 45 00.00 1.4
S 55 20.00
BJI 85.48 48 eP 45 01.00 1.6
esP 45 23.00

eS 55 19.00
BAO 86.46 255 Pd 45 05.10 0.1
SBA 86.68 170 eP 45 08.80 3.9X
1.1s 17.72nm 5.2mb
SSE 86.95 58 Pc 45 09.00 2 1
N 18s 0.90um
E 20s 2.50um
e 48 50.00
eSKS 55 24.00
SS 01 24 00
ASPA 88.21 114 eP 45 12.00 -1.3
WRA 89.31 110 Pc 45 17.20 -1.3
1.0s 36.50nm 5.6mb
WB2 89.32 110 iPc 45 16.70 -1.9
ATB 92.80 266 Pd 45 36.00 1.3
CN2 93.12 46 eP 45 35.40 -0.1
MDJ 96.20 46 eP 45 48.50 -1.2
SKS 56 25.00
S 57 06.00
CNCB 104.91 249 iPdiff 46 44.20 14.0X
LPB 105.10 250 Pdiff 46 44.00 13.2X
PP 51 04.00
eLR 22 35.00
ZOBO 105.20 250 Pdiffc 46 41.00 9.6X
INK 122.28 358 ePKP 51 15.00 -1.3
IMA 123.68 7 PKP 51 15.20 -4.1X
LHC 124.19 322 ePKP 51 21.50 0.9
RSON 125.57 327 ePKP 51 25.00 1.8
Z 22s 0.79um 5.3Msz
RSCP 125.89 306 ePKP 51 25.00 0.6
FVM 128.94 311 ePKP 51 31.50 1.4
EDM 132.86 339 ePKPc 51 39.20 2.1
RLO 133.02 310 ePKPd 51 40.30 2.4X
BHO 133.54 308 e(PKP) 51 41.50 2.6X
TUL 133.70 310 ePKP 51 41.50 2.3X
1.2s 14.10nm
Z 19s 0.94um 5.5Msz
SES 134.24 335 ePKP 51 41.00 1.2
RSSD 135.15 324 ePKP 51 44.00 2.0
PNT 138.26 341 ePKP 51 49.00 1.5
NEW 138.31 338 ePKP 51 47.00 -0.6
LRM 138.34 332 ePKP 51 45.20 -2.8X
GLD 138.44 320 ePKP 52 03.00 14.7X
Z 20s 1.00um 5.6Msz
GOL 138.57 320 ePKP 51 50.00 1.4
Z 20s 1.25um 5.7Msz
JCT 138.79 305 ePKP 51 43.50 -5.5X
1.0s 15.00nm
Z 20s 0.89um 5.5Msz
e 52 48.00
BDW 139.09 327 ePKP 51 50.00 0.5
DAU 141.63 325 PKP 51 50.60 -3.6X
ALQ 141.91 315 ePKP 51 49.00 -5.7X
Z 22s 1.11um 5.6Msz
LTX 142.33 305 ePKP 51 51.50 -4.0X
1.0s 6.00nm
Z 20s 0.23um 4.9Msz
DUG 142 63 326 PKP 51 53.20 -2.5
1 1s 19.74nm
RMU 143.65 321 ePKP 51 58.20 0.6
BMN 144.71 331 iPKP 51 58.50 -0.8
EUR 144.82 329 iPKP 51 58.00 -1.6
0 3s 15.38nm
LMHM 145.69 337 PKP 52 00.30 -0.7
MIN 146.72 336 ePKP 52 03.40 0.8
MNA 146.72 330 ePKP 52 04.40 1.7
WDC 146.88 337 ePKP 52 02.50 -0.1
ORV 147.34 335 ePKP 52 05.00 1.6
JAS1 148.21 332 ePKP 52 05.20 0.3
GSC 148.33 324 ePKP 52 06.00 0.7
CLC 148.40 326 ePKP 52 06.00 0.7
VPEM 148.43 326 PKP 52 06.20 0.7
FRI 148.61 330 ePKP 52 06.30 0.8
GLA 148.65 319 ePKP 52 09.00 3.2X
TPC 148.72 322 ePKP 52 10.00 4.1X
ISA 148.99 327 ePKP 52 06.00 -0.3
BKS 149.06 334 ePKP 52 10.40 4.2X
Z 20s 0.90um 5.6Msz
e 52 13.00
i 52 13.20
ePP 55 43.00
e 00 22.00
e 01 11.00
eLQ 44 51.00
eLR 51 17.00
BRK 149.07 334 ePKP 52 10.50 4.3X
MHC 149.24 333 ePKP 52 11.00 4.3X

SBB 149.35 325 ePKP 52 08.00 1.1
PCC 149.44 334 ePKP 52 11.00 4.2X
LLA 149.51 331 ePKP 52 11.90 4.9X
RVR 149.59 323 ePKP 52 10.00 2.9X
SAO 149.63 332 e(PKP) 52 11.00 3.9X
GCC 149.66 333 ePKP 52 12.00 4.9X
PLM 149.73 322 ePKP 52 11.00 3.4X
PRI 149.75 330 ePKP 52 12.90 5.4X
MWC 149.82 324 ePKP 52 08.00 0.3
PAS 149.94 324 ePKP 52 09.00 1 4
PRS 149.94 331 ePKP 52 12.60 5.0X
PPT 150.03 159 ePKP 52 15.00 6.8X
1.0s 160.00nm
BAR 150.06 321 ePKP 52 09.00 1.1
PPN 150.11 159 ePKP 52 16.00 7.7X
1.0s 90.00nm
SLBC 150.21 322 ePKP 52 17.20 9.1X
SYP 150.66 327 ePKP 52 17.00 8.1X
PMO 152.99 160 ePKP 52 23.00 10.5X
1.0s 40.00nm
S.D. = 1.4 on 170 of 215 obs.

JUN 28, 1985 07h 43m 33.38± 0.45s
40.607 N ± 3.9km 22.632 E ± 4.0km
DEPTH = 8.5 ± 4.7 km
GREECE (364)

THE 0.26 84 ePg 43 38.70 0.0
eSg 43 42.50
GRG 0.39 333 iPg 43 41.30 0.0
eSg 43 41.90
LIT 0.52 192 iPg 43 43.80 0.0
eSg 43 51.00
SOH 0.59 68 iPg 43 44 80 -0.5
eSg 43 53.00
KNT 0.59 20 iPg 43 44.80 -0.5
iSg 43 50.90
VAY 0.71 356 iPg 43 47.00 -0.6
iSg 43 59.30
KZN 0.72 246 iPg 43 47.10 -0.7
eSg 43 58.20
SRS 0.89 55 iPg 43 50.00 -0.6
iSg 44 03.40
PAIG 1.05 130 ePg 43 53.10 -0.2
OUR 1.07 104 ePg 43 54.00 0.4
eSg 44 08.50
OHR 1.48 291 iPn 44 01.10 0.8
SKO 1.63 327 iPn 44 04.80 2.4X
iSn 44 24.00
VTS 2.04 12 iP 44 09.00 0.8
PLD 2.16 46 eP 44 10.00 -0.1
DIM 2.65 56 eP 44 18.00 1.0
VLS 2.90 214 ePb 44 27.50 6.9X
S.D. = 0.6 on 14 of 16 obs.

& JUN 28, 1985 07h 50m 26.72s
62.485 N 148.258 W
DEPTH = 42.3km
CENTRAL ALASKA (1)
<AGS-P>.

SML 0.68 183 iP 50 39.35 -0.7
eS 50 49.96
MSE 0.73 207 iP 50 39.83 -1.0
eS 50 50.61
SCM 0.79 146 eP 50 40.88 -0.7
PME 0.93 203 eP 50 43.39 -0.1
TOA 1.05 110 iP 50 45.46 0.2
KNK 1.08 185 eP 50 45.25 -0.4
eS 51 00.35
PWA 1.13 223 iP 50 45.89 -0.4
eS 51 00.57
CFI 1 33 170 iP 50 48.70 -0.4
PMS 1.39 207 iP 50 49.73 -0.3
KLU 1.49 131 eP 50 51.21 -0.2
TTV 1.53 159 iP 50 52.36 0.3
eS 51 13.54
SUA 1.56 230 eP 50 52.20 -0.3
eS 51 13.75
SKT 1.61 253 eP 50 52.32 -0.9
PWL 1.63 181 iP 50 53.43 0.0
VLZ 1.64 145 eP 50 52.58 -0.9
eS 51 16.16
VZW 1.64 150 eP 50 53.03 -0.6
PTE 1.67 193 iP 50 53.80 -0.1
GLI 1.70 160 iP 50 54.19 -0.3
KMP 1.81 121 iP 50 55.97 -0.1

TSIM	1.87	131	iP	50	56.37	-0.6
FID	1 94	153	iP	50	57.31	-0.5
MPA	2.07	195	eP	50	59.83	0.2
CGLM	2.13	238	eP	51	00.37	-0.3
SLKM	2.20	206	eP	51	01.67	0.2
			eS	51	30.75	
CRP	2.21	238	eP	51	01.56	-0.3
SPU	2.23	236	iP	51	01.42	-0.5
HIN	2 26	157	iP	51	01.67	-0.7
CVA	2.29	147	iP	51	02.40	-0.3
			eS	51	36.03	
BMRM	2.33	130	eP	51	02.07	-1.4
			eS	51	34.35	
GLB	2.35	115	iP	51	03.33	-0.4
			eS	51	36.83	
FBA	2.43	5	eP	51	03.29	-1.6
CSG	2.45	137	eP	51	05.57	0.5
SEW	2.46	194	eP	51	05.50	0.3
SGAM	2.47	142	eP	51	04.11	-1.3
RAGM	2.72	139	iP	51	09.16	0.2
			eS	51	48.94	
RDT	2.76	228	eP	51	08.58	-1.0
			eS	51	40.83	
HMT	2.89	137	eP	51	10.64	-0.7
BALM	3.16	115	eP	51	13.99	-1.4
ILM	3.19	226	eP	51	14.60	-1.0
SUK	3.25	136	eP	51	20.65	4.3
WAX	3.30	126	eP	51	03.26	-14.0
TTA	3.60	281	eP	51	19.67	-1.9
CTGM	3.63	112	eP	51	22.80	0.7

43 obs. associated

* JUN 28, 1985 07h 57m 00.60± 0.62s
10 617 S ±12.5km 40.960 E ±13.5km
DEPTH = 10.0km (geophysicist)
4.7mb (4 obs.)
TANZANIA (573)

CLK	7.70	229	ePn	58	56.00	0.4
			eSn	00	18.00	
MTD	10.98	235	iPn	59	40.00	-0.9
			iSn	01	35.00	
			eLg	02	43.00	
KRI	12.63	239	iPn	00	03.00	-0.4
			iSn	02	18.00	
BUL	15.20	230	ePn	00	37.00	-0.3
			eLg	04	59.00	
BNG	26.86	303	ePc	03	05.70	22.1X
	0.6s		6.00nm			
GBA	43.46	57	P	05	05.00	-0.8
	0.8s		13.40nm		4.8mb	
MMB	54 32	344	iPd	06	42.00	12.5X
VTS	55 40	344	iP	06	38.00	0.7
PVL	55 41	346	eP	07	05.00	27.6X
NUR	72 07	352	eP	08	27.00	0.4
SUF	74.01	353	iP	08	38.10	0.2
	0.6s		4.70nm		4.7mb	
NB2	75 19	346	P	08	44.70	-0.2
	0.7s		2.20nm		4.3mb	
KJF	75 27	354	iP	08	45.00	-0.2
SPA	79 45	180	e(P)	09	11.00	2.3
WRA	89 57	110	Pc	09	59.00	-1.3
	0 8s		3.80nm		4.7mb	
EUR	144.68	328	iPKP	16	40.20	0.3X
	0.2s		7.26nm			

S.D = 1 0 on 12 of 16 obs

? JUN 28, 1985 08h 06m 04.36± 0.94s
10.456 S ±28.1km 40.979 E ±25.7km
DEPTH = 10.0km (geophysicist)
4.8mb (1 obs.)
TANZANIA (573)

CLK	7.82	228	iPn	08	01.70	0.7
			iSn	09	26.00	
			iS*	09	52.50	
MTD	11.08	234	iPn	08	46.00	-0.1
			eSn	10	46.00	
			eLg	11	57.00	
KRI	12.73	239	iPn	09	08.00	-0.4
			iSn	11	27.00	
BUL	15.32	230	iPnd	09	42.40	-0.2
			eSn	12	31.00	
			eLg	14	12.00	
GBA	43.36	57	Pc	14	08.60	-0.2
	0.9s		18.20nm		4.8mb	
SUF	73.85	353	eP	17	41.00	0.3
KJF	75.12	354	iP	17	50.50	2.5X

S.D. = 0.5 on 6 of 7 obs

? JUN 28, 1985 08h 25m 00.02± 1.02s
10.632 S ±30.8km 41.154 E ±27.5km
DEPTH = 10.0km (geophysicist)
4.6mb (2 obs.)
NORTHWEST OF MADAGASCAR (574)

CLK	7.83	230	ePn	26	57.50	0.6
			eSn	28	20.00	
			eS*	28	36.00	
MTD	11.12	236	iPn	27	42.00	-0.4
			eSn	29	38.00	
			eLg	30	47.00	
KRI	12.79	240	iPn	28	04.00	-0.9
			iSn	30	20.00	
BUL	15.34	230	iPn	28	39.00	0.5
			eSn	31	23.00	
			eLg	33	02.00	
SWZ	22.21	220	eP	30	07.50	9.0X
	0.5s		14.08nm		4.7mb	
GBA	43.31	57	Pd	33	03.70	-0.3
	0.9s		9.50nm		4.6mb	
SUF	74.05	353	eP	36	38.00	0.5

S.D. = 0.8 on 6 of 7 obs.

* JUN 28, 1985 08h 38m 14.99± 0.62s
10.693 S ±11.0km 41.104 E ±12.6km
DEPTH = 10.0km (geophysicist)
4.7mb (10 obs.)
NORTHWEST OF MADAGASCAR (574)

CLK	7.76	230	iPn	40	11.30	0.5
			eSn	41	34.00	
NAI	10.29	335	eP	40	46.00	0.0
	1.0s		50.00nm		5.9mb	X
MTD	11.05	236	iPn	40	56.00	-0.3
			eSn	42	54.00	
			eLg	44	04.00	
KRI	12.72	240	iPn	41	18.00	-0.9
			iSn	43	34.00	
BUL	15.26	231	ePn	41	51.50	-0.9
			eSn	44	36.00	
			eLg	46	16.00	
JOZ	18.70	206	iPc	42	40.50	4.8X
	0.5s		14.08nm		4.4mb	
SLR	19.27	217	eP	42	46.00	3.2X
EVA	19.40	214	e(P)	42	51.00	6.6X
SWZ	22.13	220	iPd	43	15.00	2.3
	0.4s		33.90nm		5.1mb	
WIN	25.81	240	eP	43	58.00	9.6X
	0.6s		18.00nm		4.9mb	
BNG	27.02	303	iPd	44	03.80	4.4X
	0.6s		6.00nm		4.5mb	
			i	44	20.90	
GBA	43.38	57	P	46	18.20	-1.4
KIC	48.68	288	eP	47	05.60	3.8X
KHC	64.31	340	eP	49	00.80	7.9X
NUR	72.17	352	iP	49	41.20	-0.4
	0.7s		13.30nm		5.1mb	
SUF	74.10	353	iPc	49	52.80	0.0
	0.6s		9.40nm		5.0mb	
NB2	75.30	345	P	49	59.10	-0.8
	0.7s		1.50nm		4.1mb	
KJF	75.36	354	iP	50	00.00	-0.1
	0.7s		10.70nm		5.0mb	
EKA	75.47	336	Pd	50	02.90	2.0
	0.7s		3.20nm		4.5mb	
SOD	78.56	354	iP	50	18.50	0.7
SPA	79.38	180	e(P)	50	33.00	10.4X
SOB1	80.54	262	e(P)	50	27.00	-2.7
WRA	89.41	110	Pc	51	13.90	0.0
	0.7s		2.30nm		4.5mb	
WB2	89.42	110	eP	51	13.70	-0.3
EUR	144.82	328	iPKP	57	54.40	-0.1
	0.5s		3.72nm			
GSC	148.32	324	ePKP	58	03.00	2.8X
CLC	148.39	326	ePKP	58	13.00	12.8X
GLA	148.62	319	ePKP	58	03.00	2.3
TPC	148.70	322	ePKP	58	05.00	4.2X
ISA	148.99	327	ePKP	58	07.00	5.8X
SBB	149.34	324	ePKP	58	08.00	6.2X
MWC	149.81	324	ePKP	58	19.00	16.4X
BAR	150.04	320	ePKP	58	10.00	7.2X

S.D. = 1.3 on 18 of 33 obs.

* JUN 28, 1985 10h 13m 25.04± 1.75s
39.393 N ±14.4km 72.051 E ± 7.7km
DEPTH = 67.5 ± 21.8 km
4.6mb (8 obs.)
KIRGHIZ SSR (716)
Felt (IV) at Dzhirgatal and Fergana and (III) at Andizhan.

KSH	3.04	88	iPc	14	12.50	0 6
			S	14	52.00	
QUE	10.09	206	eP	15	54.00	4 2X
			eS	19	14.00	
MHI	10.40	257	iPd	15	53.00	-0 9
			e	16	29.00	
			eS	17	49.00	
NDI	11.51	157	iPc	16	11.30	2 6
	0.6s		30.00nm		5.4mb	X
			iS	18	20.00	
KHI	11.96	248	eP	16	14.20	-0.6
WMO	12.51	64	P	16	16.50	-5.6X
			S	18	40.00	
KKN	15.96	132	eP	17	05.60	-1.4
	0.6s		26.00nm		4.5mb	
PKI	16.20	133	eP	17	08.80	-1.3
	0.7s		34.00nm		4.6mb	
GTA	21.43	81	Pc	18	09.20	-0.1
HYB	22.62	164	eP	18	30.70	9.6X
	1.0s		40.00nm		4.8mb	
LZH	25.29	87	eP	18	41.50	-5.3X
XAN	29.89	89	eP	19	28.00	-0.5
BJI	33.69	75	eP	20	01.50	0.0
MLR	34.19	296	eP	20	03.00	-2.9X
KJF	35.82	328	eP	20	18.00	-1.4
SUF	35.96	326	eP	20	22.00	1.4
NUR	36.02	322	eP	20	29.00	7 9X
VAY	37.35	289	eP	20	34.00	1 5
HFS	41.35	320	eP	21	06.90	1 5
	0.5s		4.80nm		4 6mb	
NB2	42.61	321	P	21	14.10	-1 7
	0.7s		4.40nm		4 4mb	
BNG	59.46	249	ePc	23	33.10	9 7X
	0.7s		6.00nm		4.8mb	
			i	23	50.20	
MBC	64.41	3	eP	23	55.00	-0.6
	0.7s		17.00nm		5.1mb	
INK	70.94	10	eP	24	38.00	1.5
COL	71.46	17	eP	24	39.00	-0.7
WRA	82.84	123	P	25	49.00	5.6X
	0.6s		1.00nm		4.0mb	

S.D. = 1.4 on 17 of 25 obs.

* JUN 28, 1985 11h 10m 29.49± 0.82s
10.551 S ±11.4km 40.936 E ±12.1km
DEPTH = 10.0km (geophysicist)
4.5mb (2 obs.)
TANZANIA (573)

CLK	7.72	228	ePn	12	26.00	1 2
			eSn	13	50.00	
NAI	10.09	336	eP	12	58.00	0 3
	0.7s		27.40nm		5.8mb	X
MTD	10.99	235	iPn	13	10.00	-0.1
			eSn	15	07.00	
			eLg	16	16.00	
KRI	12.64	239	iPn	13	32.00	-0.4
			iSn	15	47.00	
BUL	15.23	230	iPn	14	05.50	-1.0
			eSn	16	49.00	
			eS*	17	06.60	
			eLg	18	28.00	
GBA	43.45	57	P	18	34.00	-0.6
	1.0s		16.20nm		4.8mb	
WRA	89.61	110	P	23	30.00	0.6
	0.9s		1.40nm		4.2mb	
EUR	144.61	328	iPKP	30	08.00	-0.7X
	0.3s		1.92nm			

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

* JUN 28, 1985 12h 08m 27.68± 1.13s
41.866 N ±12.1km 20.137 E ±10.3km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)

OHR	0.90	146	iPg	08	44.80	-0 2
			iSg	08	58.30	
SKO	0.98	83	iPg	08	45.30	-1 0
			iSg	08	58.60	

28c 12h

VAr 1.90 106 iPn 09 01.20 0.7
VTS 2 39 71 iP 09 08.00 0.5
MMB 2 70 95 iPd 09 19.00 7.0X
KDZ 3 91 92 iP 09 40.00 11 0X
PVL 3 94 69 eP 09 40.00 10 6X
VOY 6.13 315 ePn 10 00.50 -0.1
eSn 11 13.00
S.D = 0.9 on 5 of 8 obs

% JUN 28, 1985 12h 29m 50 91± 0.86s
39 100 N ± 7.5km 27.597 E ± 8.6km
DEPTH = 10 0km (geophysicist)
TURKEY (366)

IZM 0 75 201 ePg 30 05.60 0.6
iSg 30 19.60
DST 0.95 57 iPn 30 08.90 -0.1
EZN 1.22 307 ePn 30 13.80 0.2
KCT 1.29 27 ePn 30 15.10 0.3
KGT 1.37 351 iPn 30 15.60 -0.4
S.D. = 0 4 on 5 of 5 obs.

JUN 28, 1985 13h 35m 31.68± 0.34s
30.540 N ± 7.9km 57.487 E ± 3.7km
DEPTH = 33.0km (normol)
4.8mb (12 obs.)
IRAN (348)

SHI 4.39 260 iP 36 39.00 1.1
MHI 5.98 16 ePn 37 00.00 -0.4
0.8s 44.78nm 5.1mb
e 37 28.00
eSn 38 11.00
QUE 8 18 90 eP 37 32 00 0.7
e(SS) 39 47 00
KER 9.5b 296 eP 38 02 00 11.8X
BHD 11.46 287 ePc 38 13.50 -2.6
e 40 36.00
e 41 49.00
eS 42 07.00
TAB 11 89 312 eP 38 24.00 2.0
MSL 13 31 300 eP 38 39.00 -1.7
eS 42 46.00
RTB 14 83 284 ePd 38 59.00 -1.7
ePcP 42 03.00
iS 43 45.00
isS 43 58.00
iLR 46 11.00
NDI 17.26 91 iPd 39 31.50 -0.3
1.0s 10.00nm 3.9mb
eS 44 40.00
KSH 17.54 55 eP 39 34.00 -1.4
HRI 18.66 284 eP 39 50.60 1.4
BHL 18.77 286 P 39 54.00 3.5X
S 43 35.00
POO 19.06 125 iPc 39 54.00 0.0
JER 19.12 279 eP 39 54.50 -0.1
PRNI 19.39 275 eP 39 59.50 1.7
CSS 20.77 289 eP 40 13.00 0.7
HLW 22.60 275 eP 40 32.00 1.4
HY8 23.21 119 eP 40 35.50 -1.2
1.0s 60.00nm 5.1mb
DMN 24.29 90 iP 40 48.60 1.1
0.8s 38.00nm 5.0mb
KKN 24.40 89 iP 40 49.40 0.9
PKI 24.56 90 iP 40 51.00 0.8
1.0s 66.00nm 5.2mb
GBA 24.95 128 P 40 53.50 0.0
WMQ 27 31 53 eP 41 14.00 -1.3
MLR 28.77 310 eP 41 30.00 1.5
CMP 29.29 309 ePd 41 44.00 10.9X
VAr 30.07 301 eP 41 40.00 0.0
OHR 31 36 300 eP 41 47.70 -3.8X
SPC 33.68 314 e(P) 42 14.00 2.3
e 42 38.10
KRA 34.16 316 eP 42 15.50 -0.2
e 42 18.60
GTA 35.53 64 P 42 28.10 0.4
KSP 36.62 316 eP 42 35.50 -1.1
NUR 37.05 334 iP 42 40.80 0.8
eS 48 28.00
eSS 50 36.00
KBA 37.61 309 eP 42 46.00 0.9
i 42 50.20
KHC 37.86 312 Pd 42 46.50 -0.6
1.1s 12.50nm 4.7mb
e 43 02.60
e 43 21.00
SUF 37.97 337 eP 42 48.00 0.2
KJF 38.52 340 eP 43 02.00 9.6X
CLL 38 74 315 eP 42 55.00 0.6
1.5s 22.00nm 4.7mb
e 43 12.00
LZH 38.85 69 eP 42 56.00 0.3
CD2 39.55 77 eP 43 01 90 0.4
KMI 40 18 86 Pd 43 07.00 0.1
SOD 41.17 342 eP 43 18.00 3.9X
HFS 41.46 328 eP 43 18.50 1.9
0.7s 3.10nm 4.1mb
LPG 41.97 305 eP 43 19.80 -1.7
0.6s 4.50nm 4.4mb
LOE 42.23 98 eP 43 22.00 -1.5
N82 42.95 329 P 43 27.80 -1.1
0.8s 1 80nm 3.9mb
GYA 43.14 83 eP 43 30.40 -0.6
XAN 43.25 71 eP 43 30.60 -1.2
BTO 43.33 62 eP 43 33.20 0.8
DOU 43.78 312 P 43 40.00 4.3X
e 53 47.00
SMF 44.04 307 eP 43 34.40 -3.6X
SSF 44.29 308 eP 43 36.60 -3.3X
AVF 44.38 307 eP 43 39.10 -1.6
HHC 44.49 61 P 43 43.00 1.2
MZF 44.90 306 eP 43 44 20 -0.7
BNG 44.93 243 iPd 43 45.40 -0.1
0.8s 16.00nm 5.0mb
TIY 45.50 66 eP 43 51.00 1.2
BJI 48.07 62 eP 44 12.50 2.6X
SNY 53.33 58 eP 44 51.80 2.1
CN2 54.33 56 eP 44 57.00 -0.1
KIC 62.92 261 eP 45 56.80 -0.6
MBC 73.46 359 eP 47 01.00 -1.0
INK 81.13 4 eP 47 43.00 -1.6
COL 82.85 11 eP 47 53.00 -0.7
WRA 89.25 114 Pc 48 25.30 -0.6
1.1s 11.60nm 5.1mb
WB2 89.25 114 eP 48 25.30 -0.7
AIA 130.52 208 ePdiff51 37.20 7.3X
S.D. = 1.2 on 55 of 66 obs.

? JUN 28, 1985 14h 55m 58.86± 1.14s
10 105 S ±32.6km 40.659 E ±22.0km
DEPTH = 10.0km (geophysicist)
4.6mb (2 obs.)
TANZANIA (573)

CLK 7.83 224 iPn 57 55.60 -0.1
iSn 59 19.00
iS• 59 34.70
NAI 9.57 336 eP 58 33.00 13.0X
1.0s 30.00nm
MTD 11.04 232 iPn 58 40 00 0.0
eSn 00 37.00
eLg 01 45 00
KRI 12.65 237 iPn 59 02.00 0.2
eSn 01 17.00
BUL 15.31 228 iPnd 59 37.30 0 3
eSn 02 21 00
eLg 04 00.00
SLR 19.48 215 eP 00 28.20 -0.9
SWZ 22.31 218 eP 01 00.30 2.0X
WIN 25.73 238 eP 01 35.50 3.9X
GBA 43.44 58 Pc 04 03.80 -0.1
1.0s 17.10nm 4.8mb
SPA 79.96 180 e(P) 08 11 10 1.5
WRA 90.02 110 P 09 00 00 -0.7
0.8s 2.60nm 4.5mb
BMN 143.99 331 ePKP 15 40.20 3.3X
0.9s 2.34nm
PRN 145.10 325 PKP 15 45.20 6.4X
S.D. = 0.9 on 8 of 13 obs.

JUN 28, 1985 16h 02m 09.09± 0.38s
45.614 N ± 9.9km 27.774 W ± 3.5km
DEPTH = 10.0km (geophysicist)
4.5mb (30 obs.) 4.5Msz (6 obs.)
NORTH ATLANTIC RIDGE (403)

TOL 18.31 100 eP 06 26.00 1.3
eS 10 15.00
ESK 18.32 49 e(P) 06 21.50 -3 1X
EKA 18.35 49 Pd 06 25.20 0.2
1.1s 17.50nm 4.1mb
LPF 18.42 73 eP 06 25.40 -0.6
1.0s 18.50nm 4.2mb
ELO 18.52 45 eP 06 31.20 4.1X
1.1s 26.00nm 4.3mb
GRR 18.53 72 eP 06 26.40 -0.9
1.2s 17.10nm 4.1mb
MFF 19.15 77 eP 06 34.80 -0.1
1.2s 17.80nm 4.2mb
AVE 19.90 121 iP 06 44.50 1.1
CRT 19.94 106 eP 06 47.00 3.1X
LFF 20.04 82 eP 06 43.00 -1 8
EPF 20.24 87 eP 06 44.00 -3.1X
1.2s 20.80nm 4.3mb
LSF 20.35 78 eP 06 46.00 -2.1
1.0s 29.60nm 4.6mb
LPO 20.40 82 eP 06 47.40 -1.3
1.2s 41.60nm 4.7mb
RJF 20.50 80 eP 06 48.00 -1.7
AKU 20.80 11 eP 06 53.00 0.5
1.8s 181.82nm 5.1mb
TCF 20.81 77 eP 06 51.00 -1.9
1.0s 35.10nm 4.7mb
CAF 20.96 81 eP 06 52.80 -1.7
MZF 21.07 77 eP 06 55.20 -0.4
1.1s 54.20nm 4.8mb
BGF 21.20 76 eP 06 56.20 -0.7
AVF 21.51 76 eP 06 59.40 -0.6
1.0s 20.80nm 4.5mb
SSF 21.58 75 eP 07 00.60 -0.1
1.0s 34.00nm 4.7mb
LOR 21.79 74 eP 07 02.60 -0.2
1.0s 24.00nm 4.6mb
SMF 21.86 76 eP 07 03.40 -0.2
1.0s 22.00nm 4.5mb
LBF 21.91 75 eP 07 03.60 -0.4
1.2s 27.90nm 4.6mb
UCC 21.93 65 P 07 06.00 1.9
S 11 18.00
DOU 22.07 67 Pc 07 05.90 0.3
Z 20s 1.10um 4.3Msz
S 11 20.00
ENN 22.92 65 ePd 07 15.50 1.6
1.1s 20.00nm 4.6mb
MEM 22.97 65 P 07 15.40 1.0
HAU 23.37 72 eP 07 18.60 0.2
WTS 23.49 62 eP 07 21.00 1.5
BSF 23.69 72 eP 07 21.60 0.0
CDR 23.85 83 ePc 07 20.20 -2.9
CDF 23.94 71 eP 07 24.70 0.7
LPG 24.07 78 eP 07 25.20 -0.3
GWF 24.10 69 eP 07 26.80 1.3
SCH 26.30 305 eP 07 46.00 -0.2
MOX 26.54 65 e(P) 07 50.00 1.5
GRB1 26.69 68 eP 07 51.70 1.8
Z 18s 0.80um 4.3Msz
CLL 27.36 63 eP 07 57.00 1.0
1.5s 15.00nm 4.5mb
NB2 27.41 42 P 07 55.20 -1.2
1.2s 11.40nm 4.5mb
KHC 27.97 68 Pd 08 03.00 1.4
Z 17s 0.50um 4.2MszX
N 17s 0.40um
BRG 27.99 64 eP 08 01.80 0.1
PRU 28.47 66 eP 08 07.00 0.9
Z 17s 1.00um 4.5MszX
E 17s 1.00um
KSP 29.47 64 eP 08 15.50 0.4
KRA 31.90 64 eP 08 37.60 1.1
Z 18s 1.60um 4.7Msz
N 18s 1.00um
E 18s 1.30um
SUF 34.65 41 eP 09 02.00 1.8
KJF 35.46 38 eP 09 05.00 -2.1
RSON 42.91 302 eP 10 07.30 -1.9
1.0s 6.00nm 4.3mb
FVM 46.27 284 eP 10 37.10 0.8
MBC 46.61 341 eP 10 38.00 -0.5
0.9s 26.00nm 5.3mb
BHO 51.22 282 e(P) 11 14.00 -0.6
RSSD 52.11 298 eP 11 21.30 -0.3
1.0s 5.00nm 4.4mb
GOL 55.29 294 eP 11 46.00 0.9
BDW 56.24 299 eP 11 50.50 -1.4
1.0s 4.20nm 4.4mb
JCT 56.88 281 iP 11 56.00 -0.4
1.0s 4.00nm 4.4mb
Z 18s 0.86um 4.9Msz
BNG 57.45 121 iPd 12 01.30 0.8

0.9s 35.00nm 5.4mb
i 12 05.70
i 12 22.30
NEW 57.64 308 eP 12 01.00 -0.5
ALO 58.72 290 eP 12 10.00 0.5
1.0s 5.50nm 4.6mb
Z 18s 0.69um 4.8Msz
LTX 60.23 283 eP 12 20.00 0.2
1 1s 3.53nm 4.4mb
Z 20s 0.18um 4.2Msz
IMA 61.16 338 eP 12 25.20 -0.5
EUR 62.08 299 iP 12 32.50 0.0
0.5s 2.39nm 4.6mb
BMN 62.27 300 eP 12 33.50 -0.1
0.8s 1.76nm 4.3mb
PRN 62.78 297 eP 12 37.30 0.3
MHI 63.46 64 eP 12 42.00 0.6
BAO 63.65 202 e(P) 12 43.00 0.2
YMT3 64.02 297 eP 12 46.50 1.4
GSC 65.20 296 eP 12 53.00 0.3
TPC 65.48 294 eP 12 54.00 -0.5
JAS1 65.77 300 eP 12 56.80 0.5
1.0s 1.10nm 4.0mb
ISA 66.02 297 eP 12 58.00 0.0
SBB 66.23 296 eP 12 40.00 -19.4X
SBA 147.15 186 ePKP 21 55.20 5.1X
2.0s 76.47nm
WRA 150.45 36 PKPc 22 02.50 5.6X
1.3s 11.60nm
WB2 150.45 36 ePKP 22 02.30 5.4X
S.D. = 1.1 on 66 of 74 obs.

& JUN 28, 1985 16h 35m 03.27s
59.618 N 153.246 W
DEPTH = 109.5km
SOUTHERN ALASKA (2)
<AGS-P>. Felt (II) at Homer.

AUI 0.30 198 iP 35 18.48 0.9
eS 35 30.55
PDB 0.51 290 iP 35 19.40 -0.9
ILM 0 61 21 iP 35 20.50 -0.6
eS 35 34.56
RDT 1 05 23 iP 35 24.78 -0.5
eS 35 41.60
NNL 1.07 66 eP 35 26.07 0.6
BRLK 1.21 82 eP 35 25.98 -1.0
NKA 1.51 41 eP 35 32.12 1.6
eS 35 52.04
SPU 1.68 20 iP 35 32.07 -0.6
eS 35 55.94
CRP 1.74 18 eP 35 33.20 -0.4
eS 35 57.37
SLKM 1.76 58 eP 35 32.81 -0.9
CGLM 1.80 19 eP 35 33.71 -0.6
SVW 1.91 323 eP 35 34.20 -1.3
KDC 1.92 168 eP 35 33.10 -2.5
SEW 1.98 74 eP 35 35.38 -1.0
eS 36 00.06
MPA 2.14 64 eP 35 38.42 0.0
SUA 2.23 33 eP 35 39.49 -0.3
eS 36 07.64
PTE 2.45 57 eP 35 41.98 -0.6
PMS 2.45 47 eP 35 41.92 -0.7
SKT 2.52 19 eP 35 42.62 -0.9
PWA 2.63 38 eP 35 44.18 -0.8
PWL 2.75 61 eP 35 45.03 -1.6
PMR 2.84 44 eP 35 46.10 -1.6
PME 2.90 44 eP 35 47.35 -1.2
MTG 2.92 82 eP 35 47.78 -1.1
KNK 2.98 51 eP 35 48.07 -1.6
MSE 3.06 41 eP 35 49.03 -1.9
CFI 3.14 58 eP 35 50.40 -1.4
SML 3.26 46 iP 35 51.62 -2.0
GLI 3.32 65 eP 35 52.54 -1.7
HIN 3.48 74 eP 35 55.10 -1.3
MID 3.52 90 eP 35 53.50 -3.5
FID 3.57 69 eP 35 55.23 -2.4
TTA 3.58 339 eP 35 56.00 -1.9
VZW 3.63 64 eP 35 56.87 -1.7
SCM 3.66 50 eP 35 57.57 -1.4
KLU 4.08 59 iP 36 02.77 -1.9
TOA 4.26 51 eP 36 05.50 -1.7
KMP 4.48 61 eP 36 08.85 -1.3
FBA 5.88 23 eP 36 26.70 -2.6
IMA 6.48 358 eP 36 36.10 -1.6
PNL 7.02 84 eP 36 42.60 -2.4

41 obs. ossociated

JUN 28, 1985 16h 44m 47.19± 0.53s
64.475 N ± 6.8km 20.726 W ± 6.2km
DEPTH = 10.0km (geophysicist)
4.3mb (13 obs.) 3.6Msz (1 obs.)
ICELAND (638)

REY 0 62 237 iP 44 59.10 -0.5
iS 45 09.10
ELO 11.57 126 ePc 47 34.20 -1.1
0.9s 22.00nm 5.5mb X
e 49 44.00
EAB 11.58 128 ePc 47 35.50 0.2
EDU 11.76 124 eP 47 40.40 2.6
EBH 11.82 126 eP 47 36.90 -1.7
0.6s 9.00nm 5.2mb X
e 49 51.00
ESY 12.39 125 eP 47 47.40 1.1
1.0s 19.00nm 5.3mb X
ESK 12.66 128 eP 47 49.50 -0.4
EKA 12.67 128 P 47 49.00 -0.9
1.1s 30.30nm 5.4mb X
NB2 14.93 89 P 48 19.80 0.1
1.0s 7.60nm 4.1mb
HFS 16.44 89 eP 48 43.80 4.7X
0.8s 3.60nm 3.6mb
Z 23s 0.36um 4.3Msz
LR 09 37.00
SOD 19.16 60 iP 49 17.30 4.6X
MEM 19.75 122 P 49 41.20 21.5X
SUF 20.55 73 eP 49 27.00 -1.0
KJF 20.58 69 eP 49 28.00 -0.3
1.2s 28.90nm 4.5mb
ALE 20.60 346 eP 49 28.00 -0.4
0.7s 3.00nm 3.8mb
NUR 20.97 80 iP 49 32.20 -0.1
1.1s 38.40nm 4.7mb
GWF 21.69 122 eP 49 40.80 1.1
LOR 21.83 130 eP 49 40.20 -1.0
1.0s 12.00nm 4.3mb
SSF 21.90 131 eP 49 41.20 -0.6
CLL 21.91 111 e(P) 49 41.00 -0.9
LSF 22.00 135 eP 49 43.20 0.4
HAU 22.05 125 eP 49 43.80 0.5
AVF 22.09 132 eP 49 44.00 0.3
0.8s 3.30nm 3.8mb
LBF 22.12 131 eP 49 43.60 -0.5
BGF 22.13 133 eP 49 43.80 -0.3
0.6s 5.20nm 4.2mb
TCF 22.17 134 eP 49 45.00 0.4
1.0s 11.10nm 4.3mb
MZF 22.35 134 eP 49 47.00 0.6
1.0s 12.90nm 4.3mb
SMF 22.37 131 eP 49 46.70 0.1
0.8s 7.20nm 4.2mb
BRG 22.62 110 eP 49 44.00 -5.0X
e 50 09.00
RJF 22.85 137 eP 49 51.20 0.0
GRB1 22.88 116 eP 49 58.00 6.5X
Z 18s 0.20um 3.6Msz
PRU 23.55 111 eP 50 04.50 6.5X
KHC 23.84 114 P 50 02.00 1.1
e 50 15.90
EPF 24.60 141 eP 50 08.40 0.1
1.2s 14.80nm 4.5mb
COL 45.27 331 eP 53 07.00 1.1
0.8s 5 60nm 4.6mb
HNR 125.04 359 ePdiff00 30.00 5.0X
S.D. = 0.9 on 29 of 36 obs.

• JUN 28, 1985 17h 05m 54.23± 0.95s
44.054 N ±10.2km 16.949 E ±10.1km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.6 (TRI), 3.4 (KBA).

BLY 0.71 14 iPn 06 08.90 0.6
iSg 06 19.90
iSn 06 22.40
CEY 2.46 314 ePn 06 35.50 0 5
i(Pb) 06 39.90
iSn 07 07.80
LJU 2.62 320 ePn 06 36.10 -1.3
1.0s 400.00nm
ePb 06 44.30
e(Sn) 07 08.00
eSb 07 19.00
TRI 2.80 307 iPnc 06 39.50 -0.4
iPg 06 46.10
e 07 15.70
iSg 07 26.00
i 07 33.70
VOY 2.93 313 iPnd 06 42.40 0.6
iSn 07 22.80
SKO 3.89 121 ePn 07 05.00 9 6X
i 07 56 50
KBA 3.94 321 iPn 06 57 20 1 6
iPg 07 13.10
i 07 31 80
iSn 07 45.70
iSg 08 10.20
OHR 4.09 135 ePn 06 58.20 0 0
ZST 4.14 1 eP 06 58.00 -0 9
VAY 4.96 121 ePn 07 15.00 4.5X
KHC 5.58 337 Pn 07 15.00 -4.4X
Sg 08 23.50
S.D. = 0.9 on 8 of 11 obs

• JUN 28, 1985 18h 19m 56.13± 0.78s
41.253 N ± 8.8km 40.466 E ±14.0km
DEPTH = 10.0km (geophysicist)
4.0mb (4 obs.) 3.4Msz (1 obs.)
TURKEY (366)

RTB 8.14 181 eP 21 57.00 -0.1
e 23 32.00
e 23 35.00
e 23 42.50
BHD 8.55 157 ePc 22 03.00 0.1
KBA 20.25 296 ePd 24 34.00 -0.4
0.8s 18.10nm 4.5mb
i 24 38.90
KHC 20.44 302 eP 24 29.00 -7.2X
NUR 21.60 339 eP 24 49.00 1.2
i 24 55.00
OSS 22.41 294 eP 24 57.00 0 7
VDL 22.86 294 eP 25 02.00 1 2
SAX 22.99 296 eP 25 02.10 0.0
SUF 23.13 343 eP 25 08.00 5.0X
0.8s 3.60nm 4.0mb
LLS 23.20 295 eP 25 04.10 0.0
TMA 23.27 293 eP 25 04.90 0.2
UPP 23.40 330 iP 25 09.90 4.3X
SLE 23.60 297 eP 25 07.80 0.1
ZUL 23.65 296 eP 25 08.20 0.0
KJF 24.15 346 eP 25 12.00 -0.9
DIX 24.29 293 eP 25 13.00 -1.7
HFS 25.10 328 eP 25 21.70 -0.3
0.9s 3.70nm 4.1mb
Z 19s 0.12um 3.4Msz
LR 36 01.00
NB2 26.62 328 P 25 41.80 5.5X
0.8s 1.60nm 3.8mb
S.D. = 0.8 on 14 of 18 obs.

JUN 28, 1985 18h 54m 16.00± 0.56s
37.564 S ± 4.5km 179.442 E ± 3.7km
DEPTH = 50.2 ± 4.5 km
5.6mb (11 obs.) 5.2Msz (7 obs.)
OFF E. COAST OF N. ISLAND, N.Z. (160)
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 14S, 28C
Centroid Locotion:
Origin Time 18:54:16.6 0.3
Lot 37.61S 0.03 Lon 179.65E 0.05
Dep 11.9 2.0 Holf-durotion 2.5
Moment Tensor; Scole 10**24 D-CM
Mrr=-2.44 0.07 Mtt= 0.46 0.09
Mff= 1.98 0.09 Mrt= 1.36 0.36
Mrf= 0.65 0.28 Mtf= 1.82 0.08
Principol Axes:
T Vol= 3.49 Plg=13 Azm=306
N -0.51 18 40
P -2.98 68 182
Best Double Couple:Mo=3.2*10**24
NP1:Strike= 14 Dip=36 Slip=-121
NP2: 231 60 -69

GNZ 1.55 226 P 54 40.00 -1 6
WTZ 1.99 257 P 54 48.80 1 0
WNZ 2.84 247 P 55 00.80 0 8
KRP 3.12 262 P 55 04.30 0 5

28d 18h

			S	55	39.00		MAT	83.03	328	iPc	06	36	10	-1.0	KIC	148.71	172	ePKP	13	56.30	0.5
GBZ	3.45	292	Pd	55	08.80	0.3		1 2s		23.44nm				5.1mb	PRNI	149.77	267	ePKP	14	02.60	5.6X
			S	56	01.00			Z 20s		0.53um				4.9Msz	SUF	149.98	336	iPKP	13	55.80	-0.4
TNZ	4.29	246	P	55	21.00	0 6				eS	16	48.00				0.6s		3.70nm			
			eS	56	13.00		LNV	83.06	128	iPc	06	37.20	-0 3		AKU	150.03	14	iPKP	14	02.20	6.0X
WEL	5.19	223	P	55	27.00	-6.0X	PCH	83.84	128	eP	06	41.50	-0.2			1.4s		213.95nm			
			S	56	17.00		SHK	83.87	323	eP	06	36.80	-4.6X		JER	150.15	270	ePKP	14	00.00	2.4
COB	6.28	234	P	55	43.30	-5.0X	ROCH	83.95	127	eP	06	41.50	-0.9		HRI	150.23	273	ePKP	13	58.30	0.6
			S	56	55 00		PEL	84.05	128	iPd	06	42 90	0 3		REY	150.48	19	ePKP	13	57.60	0.7
CRZ	6.31	298	P	55	49.00	0.2	JACH	84.41	127	iPc	06	44 60	0.1		BHL	150.49	274	PKPd	14	03.00	4 9X
CIZ	7.07	156	P	55	52.00	-7 3X	OZH	84.45	307	eP	06	45.00	0.5		NUR	152.04	333	iPKP	14	06.00	6.6X
			S	57	04.00					S	17	08.50				1.1s		122.40nm			
			eTT	19	01.00		TSI	84.90	278	ePc	06	47.00	0.0					e	17	14.00	
OMZ	9.86	218	P	56	31.00	-6.9X	VBA	85.84	136	ePc	06	50.20	-1.3					ePS	24	33.00	
			S	58	16.00		GZH	86.57	302	P	06	56.50	1.4		HLW	152.47	263	ePKP	14	03.00	2.0
OBZ	12.54	218	P	57	12.20	-1.8	NJ2	89.38	312	Pc	07	09.00	0.7		CSS	152.64	275	ePKP	14	08.50	7.4X
			S	59	23.00		WHN	91.04	308	eP	07	17.00	0.9		UPP	154.84	338	iPKP	14	15.20	12.0X
NOU	18.89	320	iPc	58	34.00	-1.0	LOE	91.09	291	eP	07	16.00	-0.5		NB2	155.36	346	PKP	14	03.30	-0.7
			iS	02	17.50		SYP	91.16	46	eP	07	17.00	0.3			1.7s		100.70nm			
SVA	19.39	357	eP	58	35.00	-5.8X	BAR	91.79	49	eP	07	20.00	0.5		HFS	155.65	343	ePKP	14	03.50	-0.9
NDF	19.81	354	eP	58	43.00	-2.2	PRI	91.94	44	eP	07	21.80	1.6			1.3s		24.40nm			
KOU	21.46	318	iPc	59	02.60	0.6	MWC	92.05	47	eP	07	22.00	1.1			Z 19s		0.37um			5.2Msz
RIV	23.23	271	eP	59	25.00	5.5X	PLM	92.15	49	eP	07	23.00	1.6					LR	13	19.00	
COO	23.81	279	eP	59	29.00	3.8X	RVR	92.29	48	eP	07	21.00	-0.8		JMB	158.69	292	ePKP	14	12.00	3.3X
WAM	24.43	264	eP	59	34.30	3.2X	SBB	92.52	47	eP	07	24.00	1.1		MLR	158.71	300	ePKP	14	07.00	-1.8
			e	03	14.00		ISA	92.83	46	P	07	20.00	-4.3X		COP	159.86	338	ePKP-	14	10.00	0.5
CAN	24.54	266	eP	59	33.00	0.7	ŚLA	93.07	124	ePc	07	26.20	0.2		KRA	160.72	317	ePKP	14	09.80	-0.8
			e	03	16.90		TPZ	93.13	120	Pd	07	37.20	10.7X					e	14	19.80	
BRS	24.60	287	iPc	59	35.20	2.3	TPC	93.16	49	eP	07	27.00	1.2		EDU	160.94	4	ePKPc	14	08.20	-2.4
			ipPP	59	39.00		GLA	93.17	50	eP	07	37.00	11.1X					i	14	53.60	
			eS	03	58.00		JAS1	93.36	43	eP	07	27.10	0.5		ELO	160.97	5	ePKPc	14	09.60	-1.0
AFI	24.82	21	P	59	36.00	0.9	MDJ	93.38	327	eP	07	26.80	0.3					e	14	53.70	
TAU	25.00	248	iPc	59	37.70	1.2				SKS	17	58.00			VTS	161.16	293	ePKP	14	10.00	-1.2
TOO	26.83	259	eP	59	55.00	1.5	ORV	93.97	42	eP	07	29.80	0.5		EAB	161.20	7	ePKP	14	09.10	-1.7
RMO	28.15	284	eP	00	07.00	1.5	SNY	94.02	322	eP	07	28.90	-0.6					e	14	54.60	
CMS	28.25	272	eP	00	07.00	0.6	WDC	94.17	40	eP	07	30.80	0.5		EBH	161.20	5	ePKPc	14	09.40	-1.5
BFD	29 21	259	eP	00	16.00	1.1	ARE	94.48	115	eP	07	32.00	-0.7					e	14	54.90	
ADE	32.77	262	iPc	00	47.20	0.9	CN2	94.61	324	P	07	31.60	-0.6		VAY	161.76	289	iPKP	14	11.00	-0.9
CTA	33.66	292	iPd	00	54.80	0.6				ePP	11	27.00			KSP	162.11	323	ePKP	14	12.00	0.1
	0.7s		43.84nm			5.5mb				eSKS	18	03.00				1.1s		36.00nm			
			iS	06	15.00		YJA	94.83	123	ePd	07	36.10	1.6					ic	14	59.50	
DRV	36.74	205	eP	01	20.50	0.7	MNA	94.97	44	eP	07	34 80	0.6		SKO	162.54	291	ePKP	14	12.00	-0.7
ALOA	37.69	309	eP	01	28.00	-0.3	KMI	95.20	298	eP	07	37.00	1.4		SRO	162.80	313	e(PKP)	14	12.80	0.1
PMG	40 41	306	eP	01	59.00	8.0X	CNCB	96.76	117	P	07	44.10	0.6					e	19	08.50	
SBA	40 75	184	iPd-	01	55.10	2.0	XAN	96.79	308	eP	07	43.40	1.0		BRG	163.16	327	iPKPd	14	12.30	-0.7
	2.0s		347.06nm			5.8mb	LPB	96.86	117	Pc	07	45.00	1.3					i	15	03.00	
	Z 20s		2.77um			5.1Msz		1.5s		111.11nm				6.2mb				eSKS	25	36.50	
			iPcP	03	54.90			Z 18s		0.69um				5.2Msz	CLL	163.23	329	ePKP	14	12.00	-1.0
ASPA	41.18	276	iPd	01	57.30	0.0				ePP	11	36.00			ZST	163.29	315	iPKP	14	13.60	0.4
			eS	08	07.00					LR	39	20.00						e	14	39.70	
RAB	41.54	316	eP	02	01.00	0.8	ZOBO	97.02	117	Pc	07	45.00	0.3					e	15	05.50	
			iS	08	16.50			1.5s		69.89nm				6.0mb	PRU	163.51	324	ePKP	14	12.50	-0.9
LAT	42.60	308	eP	02	09.50	0.5	JCT	101.31	60	ePdiff	08	03.00		0.0	SOP	163.88	314	ePKP	14	12.90	-0.9
WB2	42.81	281	iPc	02	10.10	-0.5		1.0s		4.50nm				5.1mb	VAL	164.09	22	iPKP	14	14.00	0.2
			eS	08	27.80			Z 20s		1.60um				5.5Msz				S	26	10.00	
WRA	42.82	281	Pc	02	10.20	-0.5	BOG	105.87	96	ePKP	12	51.00		14.4X	MOX	164.30	330	ePKP	14	13.00	-1.1
	0.4s		44.30nm			5.5mb	INK	111.23	17	ePKP	12	44.00		-0.6		2.0s		78.00nm			
WBN	45.79	269	iPc	02	34.00	-0.6	WMO	115.87	306	ePKP	12	53.00		-1.5				epP	15	08.50	
WEW	47.11	307	eP	02	45.00	0.0	NDI	115.96	287	e(PKP)	12	54.00		-1.0	HOF	164.45	329	ePKP	14	13.70	-0.6
TZZ	47.39	303	eP	02	47.70	0.4				e(SKS)	23	52.00						i	15	09.50	
KLG	47.80	260	eP	02	50.00	-0.4	BUL	116.37	211	iPKPc	12	55.50		-0.7	KHC	164.56	323	PKPd	14	13.50	-1.0
MTN	49.49	287	eP	03	03.00	-0.5	MTD	118.06	215	ePKP	13	02.00		2.6	GRB1	165.25	327	ePKP	14	14.30	-0.7
KNA	49.56	282	iPd	03	04.40	0.4	KRI	118.90	213	iPKPc	13	07.00		6.0X		Z 20s		0.50um			
JAY	49.78	305	ePd	03	05.00	-0.8	MBC	119.85	14	ePKP	13	14.00		13.0X	LJU	165.93	312	ePKPc	14	16.00	0.4
RKG	49.92	254	eP	03	05.00	-1.7	SOB1	120.10	132	ePKP	13	03.20		-0.1				e(pP)	15	16.50	
NWAO	50.21	256	eP	03	08.00	-0.8	QUE	124.54	284	ePKP	13	11.50		-0.1	KBA	166.01	317	iPKPd	14	13.80	-2.1
	Z 20s		1.70um			5.1Msz	OTT	125.04	56	ePKP	13	11.00		-0.8		2.4s		73.30nm			
	N 20s		1.30um				MNT	126.47	57	ePKP	13	14.00		-0.6				e	15	16.00	
	E 20s		1.60um				NAI	128.17	231	ePKP	13	22.00		2.9X	UCC	166.31	347	PKP	14	16.00	0.3
KLB	50.35	257	eP	03	08.00	-1.9	ALE	130.63	9	ePKP	13	20.00		-1.6	VOY	166.31	313	ePKPc	14	16.00	-0.1
MUN	51.39	256	eP	03	17.00	-0.8	MHI	132.71	288	ePKP	13	27.00		0.1				e(pP)	15	18.00	
	1.0s		160.00nm			6.0mb				e	16	54.00			FUR	166.32	325	ePKP	14	15.50	-0.4
BAL	51.58	258	eP	03	18.00	-1.3	GDH	137.54	25	ePKP	13	35.00		0.1				i	15	18.20	
MEK	51.94	263	iPc	03	21.20	-0.9		Z 20s		0.89um				5.5Msz	TRI	166.56	312	iPKPd	14	16.00	-0.1
	0.5s		21.00nm			5.4mb				e	17	12.00						eSKP	17	48.00	
SPA	52 62	180	iPd	03	27.80	0.9	BNG	142.68	213	iPKPd	13	40.00		-5.9X				ePP	19	08.00	
	1.0s		188.50nm			6.1mb		1.4s		50.00nm								iSKKS	25	58.00	
			e	04	38.00					i	16	51.00						ISKSP	29	44.00	
MRWA	52.75	259	eP	03	27.00	-1.1	TAB	143.27	286	ePKP	13	43.00		-3.3X				eSPP	32	40.00	
NAU	56.35	266	eP	03	55.00	0.6	BHD	143.39	277	ePKPd	13	45.50		-0.9				eSS	39	30.00	
PJG	60.36	321	eP	04	12.10	-10.2X	MSL	145.29	282	ePKPc	13	50.00		0 4				eSSS	46	16.00	
MAW	64.88	202	iPd	04	52.10	0 4	TRO	146.19	348	ePKP	13	49.50		-0.6	DOU	166.94	345	PKP	14	18.30	2.0
DAV	67.01	299	eP	05	05.40	-0.6	SOD	146.44	341	iPKP	13	50.90		0.3	WLF	166.97	340	PKP	14	17.00	0.7
CGP	68.59	300	iPc	05	15.30	-0.6	RTB	146.56	275	iPKPc	13	52.00		0.2	GWF	167.14	335	iPKPc	14	16.40	-0.1
	1.0s		43.00nm			5.4mb	KJF	148.44	337	iPKP	13	53.00		-0.8	BUH	167.19	333	ePKP	14	16.00	-0.6
SYO	69.69	194	P	05	21.40	-0.5		1.2s		167.70nm					CDF	167.74	335	iPKPc	14	16.60	-0.5
KGM	80.26	280	ePc	06	23.00	-0.2				ePS	24	16.00			SLE	167.83	330	ePKPd	14	16.40	-0.7

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SAX   167.88 326 ePKPd 14 17.10  -0.4
OSS   167.92 322 ePKP+ 14 17.20  -0.2
ZUL   168.10 329 ePKPd 14 17.20  -0.1
LLS   168.32 326 ePKP+ 14 17.60   0.0
HAU   168.40 336 iPKPc 14 17.20  -0.2
        1.6s     35.00nm
BSF   168.41 335 iPKPc 14 17.20  -0.3
        1 6s     69.10nm
FLN   168.81 360 iPKPc 14 18.00   0.4
        1.6s     55.90nm
TMA   168.95 324 ePKP+ 14 17.80  -0.2
MMK   169.41 326 ePKPd 14 18.50   0.1
DIX   169 63 328 ePKPd 14 18.90   0.4
LOR   169.77 343 iPKPc 14 18.00  -0.2
        1.2s      7.40nm
EMS   169.83 329 ePKPd 14 18.70   0.1
LBF   170.01 342 iPKPc 14 18.60   0.2
        1.2s     14.30nm
SSF   170.05 344 iPKPc 14 18.40   0.0
        1.2s     11.90nm
AVF   170.34 344 iPKPc 14 18.80   0.3
        1.6s     16.20nm
SMF   170.36 342 iPKPc 14 19.20   0.6
        1.6s     18.60nm
LPG   170.37 328 iPKPc 14 19.60   0,6
BGF   170.66 345 iPKPc 14 19.00   0.3
TCF   171.04 348 iPKPc 14 19.20   0.3
CVF   171.22 308 iPKPc 14 19.00  -0.1
        1.2s     25.80nm
FRF   171.88 320 iPKPc 14 19.60   0.3
        1.2s     19.40nm
RJF   172.11 349 iPKPc 14 20.00   0.6
        1.2s     11.90nm
LMR   172.11 319 iPKPc 14 19.60   0.2
        1.2s     17.80nm
CAF   172.39 346 iPKPc 14 20.40   0.9
        1 2s     13 40nm
LFF   172.57 353 iPKPc 14 20.40   0.9
        1 2s     14.30nm
LPO   172.77 350 iPKPc 14 20.80   1.2
        1 2s     23.80nm
EPF   174.50 353 iPKPc 14 21.40   1.0
        1.6s     59.10nm
TOL   176 42  49 ePKP  14 24.00   3.1X
                 ePKKP 16 02.00
                 iPP   19 55.00
                 ePPP  24 32.00
                 eSKKS 26 48.00
                 iSS   41 28.00
      S.D. = 0.9  on 174 of 202 obs.

•  JUN  28, 1985  21h 46m 20.83± 0.52s
   9.270 S ±12.4km  110.455 E ±11.7km
   DEPTH =  33.0km  (normal)
   4 8mb (  9 obs.)
 SOUTH OF JAVA                        (282)

KGM    13.28 327 ePc   49 29.10  -0.5
PPI    13.30 311 eP    49 31.00   1.1
NAU    14.06 160 eP    49 38.00  -1.9
                 eS    52 07.00
MBL    14.88 144 eP    49 49.00  -1.6
       0.3s      7.00nm          4.5mb
                 eS    52 22.00
IPM    16 66 325 ePd   50 20.90   7.3X
MEK    18.87 157 eP    50 42.00   1.0
       0.4s     21.00nm          4.7mb
                 eS    54 01.00
KNA    18.99 112 eP    50 42.00  -0.5
MRWA   20.51 166 iPc   51 00.80   1.8
       0.3s      3.00nm          4.1mb
                 eS    54 39.00
MTN    20.60 102 iPd   50 58.80  -1.1
CGP    22.61  39 eP    51 33.00  12.9X
                 eS    51 50.50
WBN    22.70 140 eP    51 23.00   2.0
                 eS    55 35.00
MUN    23.22 168 eP    51 40.00  14.0X
                 eS    55 42.00
WRA    25.40 117 Pc    51 46.70  -0.4
       0.4s      2.40nm          4.1mb
WB2    25.41 117 eP    51 47.70   0.5
                 eS    56 38.20
ASPA   26.59 125 eP    51 58.00  -0.2
GBA    39.88 304 P     53 48.00  -5.5X
BJI    49.34   6 eP    55 01.50  -7.4X
MAT    52.51  28 eP    55 25.00  -8.1X

SBA    74.19 169 e(P)  57 56.20   0.6
KRI    78.67 255 iPc   58 20.00  -2.0
BUL    79.26 251 iPc   58 24.30  -0.9
       1.0s     10.50nm          4.8mb
BNG    92.58 274 iPc   59 28.80  -2.2
       0.5s     10.00nm          5.5mb
                 i     59 43.90
KJF    95.12 334 iP    59 50.20   8.6X
       0.8s     17.60nm          5 5mb
SUF    95.56 333 iP    59 53 10   9.5X
NUR    95 93 330 eP    59 55.00   9 7X
       0.7s     10.60nm          5.4mb
NB2   102.53 331 Pdiff 00 23.80   8.7X
       0.8s      1.20nm          4.6mb
ITR   144.20 241 ePKP  05 58.00   1.9
       0.9s      7.10nm
JCT   144.77  49 iPKP  05 52.20  -4.5X
       1.0s     15.50nm
SLA   145.98 187 ePKPc 05 59.00   0.0
SOB1  146.08 238 ePKP  06 00.00   0.7
       0.6s     26.70nm
YJA   148.51 187 ePKPd 06 08.10   4.6X
TPZ   149.45 182 PKPd  06 10.00   5.1X
CNCB  154.04 183 iPKP  06 12.80   0.9
LPB   154.32 183 ePKP  06 12.30   0.2
ZOBO  154.59 183 PKPd  06 13.00   0.4
      S.D. = 1.3  on  22 of  35 obs.

•  JUN  28, 1985  22h 40m 02.32± 0.62s
   44.726 N ± 5.0km  111.236 W ±10.4km
   DEPTH =   5.0km  (geophysicist)
 HEBGEN LAKE REGION                   (458)
     ML 3.1 (NEIS).

IMW     0.86 165 iP    40 18.70  -0.8
LCCM    1.20 338 iPc   40 25.40   0.1
LRM     1.39 322 ePc   40 29.00   0.4
SXM     1.42   1 iPc   40 28.90  -0.2
TMI     1.50 199 eP    40 29.80  -0.4
BUT     1.59 324 eP    40 32.20   0.8
                 eS    40 53.20
HPI     1.68 233 eP    40 33.50   0.7
HRY     2.03 348 ePn   40 37.50  -0.2
BDW     2.29 148 eP    40 42.50   0.9
NEW     5.39 313 e(P)  41 24.00  -1.3
      S.D. = 0.8  on  10 of  10 obs.

    JUN  28, 1985  22h 46m 19.80± 0.22s
    2.465 S ± 3.8km   28.911 E ± 6.3km
    DEPTH =  10.0km  (geophysicist)
    4.9mb ( 32 obs.)
 LAKE TANGANYIKA REGION               (572)
      CENTROID, MOMENT TENSOR         (HRV)
      Doto Used: GDSN
      L.P.B.:  8S, 12C
      Centroid Locotion:
      Origin Time        22:46:22.4 1.2
      Lot  2.31S  FIX;Lon  29.01E  FIX
      Dep  10.0 FIX Holf-durotion  1.4
      Moment Tensor; Scole 10**23 D-CM
        Mrr=-3.35 0.48  Mtt= 1.07 0.74
        Mff= 2.28 0.59  Mrt= 0.00 0.00
        Mrf= 0.00 0.00  Mtf= 1.13 0.61
       Principol Axes:
        T  Vol=  2.96  Plg= 0  Azm=121
        N        0.39      0       31
        P       -3.35     90      180
      Best Double Couple:Mo=3.1*10**23
       NP1:Strike=211 Dip=45 Slip= -90
       NP2:       31     45      -90

NAI     7.98  82 eP    48 19.00   0.2
       1.0s     30.00nm          5.5mb X
BNG    12.42 303 iPd   49 15.70  -3.9X
       0.7s    150.00nm          6.3mb X
                 i     51 28.10
                 i     52 45.10
                 i     53 07.00
KRI    14.29 177 iPn   49 43.00  -1.5
                 eSn   52 21.00
                 eLg   53 53.00
CLK    14.43 156 iPn   49 46.40   0.2
                 eSn   52 26.00
                 iS•   53 48.00
MTD    14.47 170 iPn   49 46.00  -0.8
                 eSn   52 25.00
                 iLg   53 58.00

AAE    15.06  41 eP    49 57.50   2.7X
BUL    17.57 181 iPnd  50 26.20  -0.5
                 eSn   53 39.00
                 iS•   53 50.20
                 iLg   55 35.00
WIN    23.04 209 eP    51 32.50   6.0X
                 S     56 28.00
SLR    23.14 181 iPd   51 27.50   0.0
       1.2s     65.63nm          5.0mb
AVY    24.64 133 ePd   51 45.40   3 3X
JOZ    25.02 173 e(P)  51 50.10   4 6X
       1.0s     24.00nm          4 8mb
SUR    30.72 193 e(P)  52 39.50   2 0
KIC    34.72 285 eP    53 16.00   3.6X
VAY    43.96 353 iP    54 29.60   0.8
LMR    49.85 339 iPc   55 15.50   0.4
       1.2s      8.30nm          4.6mb
FRF    50.00 339 iPc   55 16.20  -0.1
LRG    50.01 339 iPc   55 16.80   0.5
VOY    50.09 346 eP    55 12.00  -5.0X
                 e     55 17.00
CDR    50.42 338 eP    55 18.40  -1.1
GBA    50.70  70 Pc    55 20.70  -1.3
       1.3s     31.90nm          5.1mb
SRO    50.92 351 iP    55 23.70   0.5
KBA    51.20 346 iPd   55 25.70   0.1
       1.3s     28.80nm          5.0mb
                 i     55 27.80
ZST    51.50 350 iP    55 27.20  -0.4
LPG    51.65 340 iPc   55 29.60   0.4
       1.0s     14.00nm          4.8mb
TOL    51.85 328 eP    55 31.00   0.6
BHG    51.91 346 iPc   55 30.50  -0.3
EPF    52.10 334 iPc   55 33.00   0.7
       1.0s     10.00nm          4.7mb
KRA    52.88 353 eP    55 37.40  -0.6
                 e     55 40.50
CAF    52.90 336 iPc   55 3B.80   0.5
       0.9s      4.90nm          4.4mb
LPO    53.06 335 iPc   55 40.00   0.6
       0.9s      7.80nm          4.6mb
KHC    53.08 347 iPd   55 39.30  -0.3
       0.9s     24.00nm          5.1mb
                 e     55 53.00
                 e     56 16.50
RJF    53.43 336 iPc   55 42.20   0.1
LFF    53.45 335 iPc   55 42.80   0.5
       0.9s      9.40nm          4.8mb
SMF    53.66 339 iPc   55 44.00   0.2
       1.2s     10.10nm          4.7mb
PRU    53.69 349 eP    55 42.00  -2.0
BSF    53.70 342 iPc   55 44.20   0.0
       1.0s     16.20nm          5.0mb
GRB1   53.77 346 eP    55 43.70  -0.8
MZF    53.77 338 iPc   55 45.20   0.6
       1.2s     27.50nm          5.1mb
LBF    53.90 339 iPc   55 45.30  -0.3
       1.2s      6.80nm          4.5mb
ECH    53.92 342 iPc   55 45.80   0.1
AVF    53.97 338 iPc   55 46.40   0.4
       1.2s     15.40nm          4.9mb
TCF    53.97 337 iPc   55 46.70   0 6
       1.2s     19.20nm          5.0mb
HAU    53.99 341 iPc   55 45.90  -0.3
BUH    54.02 343 eP    55 46.30  -0 1
CDF    54.06 342 iPc   55 46.60  -0 2
       1.2s      8.30nm          4.6mb
SSF    54.14 339 iPc   55 47.00  -0 3
LOR    54.19 339 iPc   55 47.40  -0 3
       1.2s     13.60nm          4.9mb
LSF    54.21 337 iPc   55 48.10   0.3
       1.2s      8.50nm          4.7mb
HOF    54.57 347 iPc   55 49.90  -0.6
BRG    54.66 348 eP    55 49.50  -1.5
MOX    54.94 347 eP    55 52.50  -0.7
       1.0s     15.00nm          5.0mb
MFF    55.16 336 iPc   55 55.40   0.6
WLF    55.52 342 P     55 57.00  -0.3
NDI    55.70  53 eP    55 59.00   0.0
MEM    56.40 343 P     56 06.50   2.9X
LPF    56.6B 336 iPc   56 05.70   0.0
       1.0s     11.10nm          4.8mb
LDF    56.77 337 iPc   56 06.20  -0.2
GRR    56.B9 337 iPc   56 07.10  -0.1
WTS    57.40 344 ePc   56 11.50   0.8
       1.3s     29.00nm          5.1mb
DMN    61.73  57 eP    56 41.00  -0.4
```

28d 22h

	1.2s	43.00nm		5.5mb	
KKN	61.94	57 eP	56 38.90	-3.9X	
	1.1s	68.00nm		5.7mb	
PKI	61.97	57 eP	56 44.60	1.5	
	1 4s	48.00nm		5.5mb	
NUR	62.88	358 iP	56 47.00	-1.0	
	0.9s	15.20nm		5.2mb	
EKA	63 34	340 P	56 52.00	0 8	
	1 3s	14.00nm		5 0mb	
APO	63 90	352 eP	56 53.30	-1.5	
	0 8s	4.70nm		4.7mb	
NB2	64 79	351 P	57 00.30	-0.4	
	1.1s	20.60nm		5.2mb	
SUF	65.04	359 iP	57 02.30	0.1	
	0.8s	12.10nm		5.1mb	
KJF	66.50	359 iP	57 11.00	-0.5	
	0.8s	14.70nm		5.2mb	
SOD	69.70	359 iP	57 30.10	-1.3	
WMO	69.80	41 P	57 32.50	-0.1	
GTA	76.93	49 P	58 15.80	1.3	
CD2	78.31	58 P	58 22.40	0 2	
HHC	86.04	49 eP	59 04.50	2.2	
SPA	87.55	180 e(P)	59 13.30	4.1X	
JCT	124.12	306 ePKP	05 22.00	1.0	
	0.9s	4.20nm			
BDW	125.43	323 ePKP	05 24.10	0.7	
	1.1s	2.12nm			
LTX	127.67	306 PKP	05 30.20	2.3X	
	0.8s	1.46nm			
PRN	132.00	321 ePKP	05 40.50	4.5X	
JAS1	134.89	325 ePKP	05 41.00	-0.2	
	S.D. = 0.8	on 67 of 79 obs.			

JUN 29, 1985 01h 30m 32.94± 0.62s
63.500 N ± 7.3km 151.262 W ± 6.2km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)
ML 3 2 (PMR).

FBA	2.07	46 eP	31 05.10	-0.9	
PMR	2.15	152 eP	31 07.10	-0.1	
TTA	2.23	257 eP	31 09.00	0.7	
TOA	2.72	119 eP	31 16.18	0.8	
IMA	2.78	339 eP	31 16.40	0.2	
SVW	3 15	222 eP	31 20.50	-0.9	
DWY	5.28	79 P	31 52.00	0.5	
		Lg	33 16.00		
PNL	6.84	119 eP	32 13.10	-0.4	
	S.D. = 0.8	on 8 of 8 obs.			

• JUN 29, 1985 02h 04m 51.97± 0.77s
20 745 N ± 6.4km 122.480 E ±13.9km
DEPTH = 10.0km (geophysicist)
4.2mb (3 obs.) 4.9Msz (1 obs.)
PHILIPPINE ISLANDS REGION (248)
Felt (IV RF) ot Basco.

TWG	2.45	328 eP	05 30.00	-2.5X	
		eS	05 47.50		
TWF1	2.82	337 iPc	05 37.10	-0.8	
TWC	3.89	352 eP	05 55.00	1.9	
ANP	4.51	349 eP	06 16.00	14.1X	
BAG	4 67	203 eP	06 05.00	0.6	
MAN	6 20	193 eP	06 27.00	1.3	
HKC	7.89	283 eP	06 27.00	-22.5X	
QIZ	12.01	264 P	07 40.20	-6.0X	
		eS	09 41.50		
GYA	15.57	294 eP	08 26.40	-6.9X	
TIA	16.11	344 eP	08 43.20	3.1X	
XAN	17.87	321 eP	09 03.80	1.4	
TIY	19.02	335 eP	09 16.40	-0.1	
CD2	19.63	305 eP	09 21.00	-2.8	
LOE	19.89	264 eP	09 26.00	-0.5	
BJI	19.97	346 eP	09 26.00	-1.3	
		eS	13 20.00		
NST	21.81	260 eP	09 45.50	-0.8	
HHC	22.09	338 eP	09 50.60	1.5	
CHG	22.23	269 eP	09 50.50	0.0	
LZH	22.35	317 eP	09 52.00	0.2	
BTO	22.46	335 eP	09 53.50	0.8	
		eS	13 47.00		
CN2	23.12	5 eP	10 03.60	4.5X	
IPM	26.33	235 ePd	10 31.10	1.1	
GTA	26 91	319 P	10 36.10	0.9	
WRA	42.07	163 P	12 54.00	8.3X	
	0.7s	2.80nm		4.1mb	
WB2	42.07	163 eP	12 44.20	-1.6	
KJF	73.59	333 eP	16 27.00	0.2	
SUF	74.63	332 eP	16 34 00	1.1	
INK	75.97	22 eP	16 40.00	-0.5	
HFS	81.14	331 (P)	17 07.20	-1.6	
	0.6s	2.00nm		4.3mb	
Z	18s	0.46um		4.9Msz	
		LR	54 24.00		
NB2	81.81	333 P	17 10 90	-1.5	
	0.8s	1 90nm		4.2mb	
KRA	82.05	321 eP	17 17 40	3.6X	
		e	17 23.10		
VAY	83.67	312 eP	17 19.30	-3.0X	
KSP	83.86	322 eP	17 25.00	1.9X	
SKO	84.21	313 eP	17 25.50	0.5	
PRU	85.25	322 eP	17 33.00	2.9X	
CLL	85.51	324 eP	17 41 00	9.7X	
	S.D. = 1.3	on 23 of 36 obs.			

JUN 29, 1985 02h 55m 27.17± 0.23s
20.744 N ± 3.7km 121.983 E ± 4.3km
DEPTH = 10.0km (geophysicist)
5.2mb (30 obs.) 5.2Msz (3 obs.)
PHILIPPINE ISLANDS REGION (248)
Felt (VI RF) ot Basco.

TWG	2.23	338 iPc	56 03.30	-1.5	
		eS	56 23.50		
TWD	3.34	354 iPc	56 20.00	-0.5	
ANP	4.44	355 iP+	56 36.00	-0.2	
		iS	57 38.00		
BAG	4.51	197 eP	56 37.00	-0.3	
OZH	5.22	324 P	56 45.70	-1.4	
		S	57 45.50		
MAN	6.11	188 iP	56 59.00	-0.7	
		eS	58 08.00		
OCP	6.13	188 eP	57 04.00	4.0X	
HKC	7.44	283 eP	57 17.70	-0.7	
MCO	7.97	281 eP	57 23.30	-2.5	
GZH	8.35	288 Pd	57 28.40	-2.8	
SSE	10.33	356 eP	57 57.00	-1.5	
Z	12s	22.80um			
N	18s	1.50um			
E	19s	1.10um			
		S	59 52.00		
NJ2	11.60	347 eP	58 14.00	-1.8	
		S	00 16.50		
WHN	11.94	326 eP	58 19.00	-1.3	
CGP	12.49	168 eP	58 25.20	-2.7	
	0.5s	18.00nm		5.6mb	
DAV	14.01	165 eP	58 47.00	-1.1	
		eS	01 34.00		
GYA	15.15	295 eP	59 03.40	0.4	
TIA	15.99	346 eP	59 14.90	1.2	
SHK	16.67	32 eP	59 25.40	3.0	
SEO	17.31	13 iPc	59 31.80	1.3	
XAN	17.58	322 eP	59 34.20	0.3	
DL2	18.10	359 P	59 38.00	-2.3	
KMI	18.25	287 Pd-	59 44.50	2.0	
	6.0s	2.20nm		2.5mb X	
E	10s	14.10um			
		S	03 07.00		
TIY	18.83	336 Pc	59 49.00	-0.4	
CD2	19.25	305 eP	59 55.00	0.3	
		sP	00 11.50		
LOE	19 43	264 eP	59 57.00	0.3	
BJI	19.87	347 eP	00 00.00	-1.3	
		eS	03 42.00		
PCT	20.49	256 eP	00 09.00	0.9	
OYM	21.06	42 eP	00 16.40	2.5	
SNY	21.06	3 eP	00 12.70	-1.1	
MAT	21.18	39 eP	00 18.00	3.0X	
	1 4s	179.07nm		5.3mb	
		eS	04 10.00		
SRY	21.20	42 eP	00 16.60	1.3	
NST	21.35	260 eP	00 19.00	2.1	
DDR	21.40	41 eP	00 18.00	0.6	
CHG	21.76	269 iPd	00 22 60	1.6	
	1.8s	386.36nm		5.5mb	
		eS	04 40.00		
HHC	21.92	338 iPc	00 23.20	0.7	
		PP	00 49.20		
LZH	22.04	318 Pd	00 25.00	1.2	
	5.0s	1529.00nm		5.7mb X	
N	10s	16.50um			
E	12s	7.30um			
		ePP	00 58.00		
		eS	04 29.00		
TSK	22.11	42 eP	00 22.70	-1.7	
BTO	22.26	335 Pc	00 25.00	-1.0	
GUMO	22.98	104 eP	00 34.20	1.1	
PJG	22.98	104 eP	00 34.20	1.1	
GUA	23.03	104 eP	00 33.90	0.2	
KHT	23.04	259 eP	00 38.00	4.3X	
CN2	23.17	6 Pc	00 34.40	-0.4	
		pP	00 45.60	44kmX	
		sP	00 51.50		
MDJ	24.63	13 Pc	00 48.50	-0 4	
		pP	01 00.00	45kmX	
		sP	01 07.00		
SNG	24.69	240 eP	00 52.00	2.3	
AAI	25.03	165 eP	00 58.90	5.9X	
IPM	25.94	235 ePc	01 03.00	1.4	
	1.0s	76.20nm		5.3mb	
KGM	26.04	227 ePd	01 06.70	4.2X	
GTA	26.60	319 iPd	01 07.70	0.1	
PSI	28.75	234 eP	01 20.00	-7.2X	
LSA	29.21	294 eP	01 28.00	-3.8X	
TRT	29.72	199 ePc	01 34.60	-1.3	
	0.7s	34.50nm		5.3mb	
PPI	29.83	228 ePd	01 36.50	-0.4	
PKI	33.97	289 eP	02 13.40	-0.1	
	0.8s	26.00nm		5.2mb	
KKN	34.09	289 eP	02 14.30	-0.1	
	0.9s	46.00nm		5.4mb	
DMN	34.24	289 eP	02 15.80	0.1	
	0.9s	73.00nm		5.6mb	
WMO	36.61	317 P	02 36.50	1.0	
HYB	41.09	273 eP	03 13.70	0.7	
NDI	41.24	290 eP	03 14.00	-0.1	
		eS	09 11.00		
WRA	42.21	163 Pc	03 17.40	-4.7X	
	0.8s	10.80nm		4.6mb	
WB2	42.21	163 iPc	03 17.20	-4.9X	
GBA	43.04	268 P	03 31.30	2.3X	
KOD	44.02	263 eP	03 41.00	3.7X	
POO	45.26	276 iPc	03 49.00	2.0	
ASPA	45.64	165 eP	03 45.00	-4.8X	
		eS	10 28.00		
WBN	46.82	174 eP	03 55.50	-3.5X	
CTA	47.02	148 iPd	03 58.80	-1.9	
	1 6s	70.00nm		5.5mb	
		iS	10 54.00		
MEK	47.19	184 eP	03 58.00	-4.0X	
MRWA	50.00	187 eP	04 20.00	-3.7X	
NWAO	53.56	185 eP	04 44.00	-6.4X	
	1.0s	40.00nm		5.4mb	
Z	20s	1.00um		4.9Msz	
N	20s	0.70um			
E	20s	0.50um			
RKG	54.71	185 eP	05 00.00	1.1	
STK	55.60	160 eP	05 01.00	-4.4X	
MHI	56.17	300 eP	05 11.00	1.3	
		eS	13 12.00		
BRS	56.37	147 P	05 06.30	-4.8X	
CAN	61.37	155 eP	05 44.40	-1.3	
WAM	62.08	156 eP	05 48.60	-1.8	
TAB	66.47	303 e(P)	06 21.00	1.6	
IMA	68.95	26 eP	06 34.50	0.1	
PMR1	71.46	30 eP	06 49.00	-0.5	
	1.0s	6.50nm		4.7mb	
COL	71.52	27 eP	06 49.00	-0.9	
	0.8s	11.94nm		5.1mb	
FBA	71.52	27 eP	06 49.20	-0.7	
	1.0s	15.00nm		5.1mb	
KEV	72.43	339 eP	06 55.00	-0.2	
		eS	16 16.00		
SOD	73.09	336 eP	06 53.00	-6.1X	
KJF	73.37	333 eP	07 00.00	-0.8	
		eS	16 24.00		
SUF	74.41	332 eP	07 01.00	-5.9X	
NUR	75.71	330 iP	07 14.10	-0.2	
	1.1s	21.60nm		5.1mb	
Z	16s	2.20um		5.6MszX	
		eS	16 52.00		
		LR	44 10.00		
HRI	75.90	300 eP	07 16.00	-0.2	
INK	76.14	22 ePd	07 14.30	-2.4	
MBC	76.44	12 eP	07 16.00	-2.3	
JER	76.75	299 iPc	07 19.00	-1.9	
ALE	76.93	1 eP	07 21.00	0.1	
	1.0s	9.00nm		4.8mb	
PRNI	77.32	298 eP	07 25.50	1.5	
CSS	77.35	303 eP	07 24.00	-0.1	
GPA	78.12	309 eP	07 26.40	-1.8	

VRI 78.93 315 eP 07 33.00 0.4
UPP 79.23 330 iP 07 33.80 0.0
DST 79.56 308 iP 07 35.30 -0.8
MLR 79.57 315 eP 07 36.70 0.5
BUC 79.82 314 eP 07 40.00 2.7X
HLW 80.48 298 eP 07 44.00 2.8
e 17 42.00
HFS 80.92 331 eP 07 41.90 -0.9
0.4s 3.60nm 4.7mb
Z 16s 6.00um 6.0MszX
LR 39 12.00
NB2 81.60 333 P 07 45.40 -1.1
0.8s 9.30nm 4.9mb
KRA 81.76 320 eP 07 47.10 -0.4
0.7s 33.00nm 5.5mb
Z 15s 2.70um 5.7MszX
N 18s 3.30um
E 18s 2.00um
e 07 48.60
e 07 56.60
eS 18 00.00
SPC 81.91 320 eP 07 49.40 0.9
AVY 82.70 247 eP 07 53.00 -0.1
VAY 83 32 312 iP 07 53.60 -2.1
KSP 83.58 322 iPc 07 57.80 0.9
1.0s 31.00nm 5.5mb
SRO 83.63 319 eP 07 57.50 0.4
N 20s 2.10um
E 18s 2.00um
e(S) 18 29.60
e 19 28.50
SKO 83.86 312 eP 07 58.60 0.1
eS 18 23.00
ZST 84.21 319 eP 08 00.70 0.6
OHR 84.64 312 eP 08 01.10 -1.4
SOP 84 76 319 eP 08 03.60 0.7
BRG 84.91 323 iPc 08 04.20 0.7
2 0s 44.00nm 5.3mb
i 08 15.50
e 18 30.00
PRU 84.96 322 eP 08 03.50 -0.3
2 0s 50.70nm 5.4mb
Z 13s 1.80um 5.6MszX
N 15s 1.60um
E 16s 1.20um
S 18 22.00
CLL 85 24 323 iPc 08 05.80 0.6
i 08 17.30
YKA 85.84 23 eP 08 09.60 1.6
YKC 85.90 23 eP 08 10.00 1.7
0.9s 14.00nm 5.1mb
KHC 85.91 321 P 08 09.20 0.6
Z 13s 0 90um 5.4MszX
N 14s 0.60um
E 13s 0.70um
e 08 21.20
S 18 48.00
MOX 86.32 323 eP 08 11.00 0.4
2 2s 63.00nm 5.4mb
eSKS 18 45.00
iS 19 28.00
LJU 86.72 318 eP 08 13.00 0.3
GRB1 86.90 322 eP 08 15.20 1 7
VOY 87.13 318 eP 08 14.40 -0 4
TRI 87.35 318 eP 08 18.00 2.3X
eS 18 50.00
eSP 19 52.00
eSS 24 36.00
FIR 89.84 317 eP 08 23.00 -4.6X
WLF 89 85 324 Pc 08 28.20 0.7
CDF 89.89 323 eP 08 27.60 -0.3
DOU 90.46 325 P 08 31.60 1.3
Z 14s 1.10um 5.4MszX
SKS 19 05.00
PS 21 44.00
PNT 91.44 35 eP 08 36.00 1.1
LPG 91.74 320 eP 08 37.40 0.7
0.8s 5.30nm 5.0mb
EDM 92.22 30 eP 08 39.50 1.0
LOR 92.44 323 eP 08 39.40 -0.2
1.0s 4.80nm 4.8mb
LBF 92.54 323 eP 08 39.70 -0.4
1.0s 6.50nm 5.0mb
SSF 92.76 323 eP 08 41.00 0.0
SMF 92.80 323 eP 08 41.10 -0.2
1.0s 6.80nm 5.0mb
AVF 93.00 323 eP 08 42.00 -0.1

1.0s 6.20nm 5.0mb
LRG 93.06 319 eP 08 43.00 0.6
NEW 93.39 35 eP 08 44.00 0.0
MZF 93.76 323 eP 08 46.20 0.5
TCF 93.93 323 eP 08 46.00 -0.5
RJF 94.90 322 eP 08 51.20 0.3
MTD 96.16 254 eP 08 57.00 -0.2
KRI 97.95 255 eP 09 04.00 -1.3
BUL 99.92 252 iP 09 14.60 0 4
0.7s 4.11nm 5.1mb
ALQ 108.02 40 ePKP 13 57.00 -0.4
1.0s 2.50nm
Z 20s 0.71um 5.2Msz
JCT 115.14 39 ePKP 14 11.00 0.1
Z 20s 0.82um 5.3Msz
BDG 150.27 34 ePKP 15 20.50 4.4X
PSD 151.15 43 ePKP 15 18.50 1.0
ITR 157.65 299 e(PKP) 15 21.00 -4.8X
ZOBO 169.43 67 ePKPc 15 34.20 -2.9
LPB 169.57 68 ePKP 15 39.00 2.0
eLR 15 20.00
CNCB 169.78 69 ePKP 15 38.00 0.7
TPZ 169.99 96 ePKP 15 41.00 3.9X
S.D. = 1.2 on 126 of 152 obs.

* JUN 29, 1985 03h 39m 33.64± 0.52s
53.438 N ±15.2km 169.520 W ±.7.5km
DEPTH = 33.0km (normal)
4.1mb (3 obs.)

FDX ISLANDS, ALEUTIAN ISLANDS (9)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 30C
Centroid Location:
Origin Time 02:55:27.7 0.3
Lat 20.72N 0.04 Lon 121.82E 0.06
Dep 10.0 FIX Half-duration 2.0
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.29 0.08 Mtt= 1.00 0.07
Mff=-0.72 0.13 Mrt= 0.10 0.20
Mrf= 1.39 0.26 Mtf=-1.74 0.07
Principal Axes:
T Val= 2.28 Plg=16 Azm=217
N 0.24 55 332
P -2.51 30 117
Best Double Couple:Mo=2.4*10**24
NP1:Strike=261 Dip=56 Slip=-170
NP2: 165 81 -34

ADK 4.63 253 eP 40 43.30 0.3
eS 41 35.00
COL 15 89 35 eP 43 22.00 5.9X
0.7s 6.85nm 3 9mb
BMN 37.16 89 eP 46 44.00 0.9
EUR 38.51 89 iP 46 54.80 0.2
0.2s 16.75nm 5.5mb X
ISA 39.52 96 eP 47 03.00 0.2
CLC 39.94 95 eP 47 05.00 -1.3
YMT3 39.99 93 iP 47 07.20 0.4
BDW 40.29 80 eP 47 10.20 0.9
0.8s 3.21nm 4.1mb
PRN 40.40 91 iP 47 11.00 0.8
SBB 40.58 96 eP 47 11.00 -0.5
PAS 40.75 97 eP 47 13.00 0.2
MWC 40.76 97 eP 47 13.00 -0.2
GSC 40.76 95 eP 47 13.00 -0.1
TPC 42.04 95 eP 47 23.00 -0.5
PLM 42.08 97 eP 47 23.00 -1.0
RMU 43.06 88 eP 47 31.50 -0.5
GLA 43.50 95 iP 47 35.50 0.1
RSON 44.55 61 eP 47 44.30 0.7
SUF 63.53 352 iP 50 02.80 0.4
NUR 65.84 352 eP 50 16.00 -1.3
NB2 65.87 360 P 50 17.70 0.1
0.9s 2.10nm 4.2mb
BNG 121.94 351 ePKPd 58 23.90 -2.2
0.5s 3.00nm
WIN 148.77 348 e(PKP) 59 17.50 2.3
EVA 149.75 325 iPKPc 59 20.60 4.0X
SWZ 151.55 331 iPKPc 59 24.00 4.8X
0.4s 25.42nm
S.D. = 1.0 on 22 of 25 obs.

JUN 29, 1985 03h 52m 46.51± 0.55s
20.603 N ± 7.4km 122.128 E ± 8.3km
DEPTH = 10.0km (geophysicist)
4.3mb (5 abs.)

PHILIPPINE ISLANDS REGION (248)
Felt (IV RF) at Basco.

ANP 4.59 353 eP 54 04.00 6.3X
QZH 5.41 324 ePn 54 07.00 -2.2
Sn 55 02.90
MAN 5.99 190 eP 54 22.00 4.6X
GZH 8.52 288 P 54 49.50 -3.4X
OIZ 11.67 264 P 55 35.20 -0.9
TIA 16.16 345 eP 56 36.80 1 6
XAN 17.77 322 Pd 56 56.10 0.4
KMI 18.42 288 eP 57 04.50 0.6
E 12s 0.80um
eS 00 26.00
TIY 19.01 336 P 57 10.40 -0.6
CD2 19.44 306 P 57 15.40 -0.9
BJI 20.03 347 eP 57 21.00 -1.4
eS 01 08.00
MAT 21.20 38 eP 57 40.00 5.4X
1.7s 84.62nm 4.8mb
(S) 01 33.00
CHG 21.90 269 iPc 57 42.40 0.7
0.8s 11.19nm 4.3mb
HHC 22.10 338 eP 57 44.00 0.3
LZH 22.23 318 eP 57 46.00 0.9
BTO 22.45 335 eP 57 47.00 -0.2
CN2 23.30 6 Pd 57 56.30 1.0
MDJ 24.74 13 eP 58 06.00 -3.3X
IPM 25.97 235 ePc 58 22.40 1.1
GTA 26.80 319 P 58 29.70 0.9
WMQ 36.81 317 eP 59 57.30 0.8
WRA 42.03 163 Pd 00 44.90 4.9X
1.0s 6.30nm 4.3mb
WB2 42.04 163 eP 00 39.00 -1.0
COL 71.59 27 eP 04 09.00 -0.6
SUF 74.60 332 iP 04 27.40 0.1
INK 76.22 22 eP 04 36.00 -0.4
HFS 81.11 331 eP 05 02.40 -0.8
0.5s 1.60nm 4.3mb
NB2 81.79 333 P 05 06.00 -0.8
0.9s 3.20nm 4.4mb
KRA 81.95 320 eP 05 08.10 0.3
VAY 83.52 312 eP 05 14.60 -1.5
KSP 83.77 322 eP 05 18.00 0.8
SRO 83.82 319 eP 05 29.40 11.9X
SKO 84.06 313 eP 05 19.50 0.7
OHR 84.83 312 eP 05 22.00 -0.8
BRG 85.10 323 eP 05 24.50 0.7
PRU 85.15 322 eP 05 24.80 0.7
CLL 85.43 323 eP 05 25.00 -0.5
YKA 85.92 23 eP 05 30.50 2.8X
YKC 85.97 23 eP 05 29.00 1.0
KHC 86.10 321 eP 05 40.00 11.0X
S.D. = 1.0 on 31 of 40 obs.

JUN 29, 1985 04h 07m 15.09± 0.32s
30.801 S ± 9.0km 177.977 W ± 7.5km
DEPTH = 33.0km (normal)
5.3mb (10 obs.)

KERMADEC ISLANDS (178)

RAO 1.54 2 P 07 39.50 -1.1
S 07 56.50
GNZ 8.49 202 P 09 46.00 27.3X
eS 10 49.00
MNG 11.14 207 eP 09 46.00 -9.1X
S 11 47.00
TCW 12.13 209 eP 10 02.00 -6.4X
S 12 09.00
NOU 16.29 298 iPc 11 10.90 8.0X
KOU 18.94 298 iPd 11 37.90 2 6
COO 25.88 263 iPd 12 48.30 2 6
0.9s 69.00nm 5.3mt
CAN 27.97 252 iPc 13 05.50 0 8
WAM 28.07 250 iPc 13 06.30 0.8
RMQ 29.45 270 eP 13 19.00 0.9
TAU 30.07 237 iPd 13 22.80 -0.7
TOO 30.83 247 eP 13 30.00 -0.2
CMS 30.90 259 iPc 13 31.30 0.4
CTA 33.88 280 iPc 13 57.30 0.3
0.8s 102.99nm 5.8mb
STK 34.41 257 iPc 14 01.50 0.0
0.5s 65.00nm 5.8mb
ADE 36.40 252 iPd 14 18.80 0.4
ASPA 43.11 267 iPc 15 13.50 -0.6
DRV 43.78 203 e(P) 15 17.50 -1.4
WRA 44.13 273 Pc 15 20.70 -1.7

29d 04h

	0.7s	35.90nm			5.3mb		
SBA	47.64	184	iPc	15	51.70	2.2	
	1.0s	23.00nm			5.2mb		
WBN	48.55	261	eP	15	54.00	-3.3X	
MRWA	56.42	253	eP	16	52 00	-3 9X	
SPA	59.37	180	eP	17	16.60	0.2	
	1.0s	24.50nm			5 3mb		
CGP	67.35	296	eP	18	06.50	-2.9	
	0 8s	23 10nm			5 3mb		
MAW	71.94	201	eP	18	36 00	-0.7	
SYO	76.75	193	P	19	04.00	-0.4	
SNA	79.13	179	eP	19	18.00	0.7	
IPM	84.62	279	ePc	19	45.40	-1.5	
PLM	86.04	47	eP	19	54.00	0.2	
RVR	86.14	47	eP	19	54.00	-0.1	
SBB	86.32	46	eP	19	55.00	0.0	
ISA	86.57	45	eP	19	56 00	-0.2	
FRI	86.73	43	eP	19	57.00	0.1	
JAS1	86.95	42	eP	19	58.20	0.2	
TPC	87.04	47	eP	20	00.00	1.4	
GLA	87.14	49	iP	20	00.90	1.8	
CLC	87.20	45	eP	19	59.00	-0.3	
GSC	87.35	46	eP	20	01.00	0.9	
YMT3	88.56	45	iP	20	06.10	0.3	
PRN	89.79	45	iP	20	12.80	1.1	
BMN	90.47	42	eP	20	15.00	0.2	
	0.9s	2.93nm			4.6mb		
EUR	90.58	43	iP	20	15.20	-0.2	
	0.2s	8.93nm			5.7mb		
RMU	92.12	47	eP	20	23.20	0.7	
ALQ	93.81	51	eP	20	30.00	-0.3	
	1.0s	4.25nm			4.8mb		
SOB1	122.76	127	ePKP	26	09.20	-0.6	
BUL	123.27	210	iPKP	26	09 70	-1.1	
	0 9s	5.04nm					
ALE	123 64	8	ePKP	26	07.00	-2.7	
	0 9s	6.00nm					
MTD	124.81	215	ePKP	26	13.00	-0.8	
KRI	125 72	213	ePKP	26	14.00	-1.7	
SOD	140.58	345	ePKP	26	27.00	-15.0X	
KJF	142 89	342	iPKP	26	40.40	-5.7X	
	0 7s	13.30nm					
		i		26	48.00		
SUF	144.49	341	iPKP	26	45.60	-3.3X	
	0.8s	39.10nm					
NUR	146.69	340	iPKP	26	51.20	-1.4	
UPP	149.11	345	iPKP	26	58.60	2.1	
NB2	149.15	351	PKP	26	55.20	-1.4	
	0.9s	40.20nm					
BNG	149.50	214	iPKPd	26	57.60	-0.9	
	0.8s	91.00nm					
		i		27	02.50		
HFS	149.64	348	ePKP	26	59.60	2.3	
	0.7s	30.20nm					
KONO	150.70	352	ePKP	27	03.70	4.8X	
HRI	151.38	284	ePKP	27	05.00	4.1X	
PRNI	151.66	278	ePKP	27	07.00	5.7X	
JER	151.69	281	e(PKP)	27	04.50	3.1X	
KIC	154.87	164	ePKP	27	15.20	9.0X	
CLL	157.95	341	e(PKP)	27	16.00	7.0X	
		i		27	40.80		
S.D. = 1.3 on 48 of 63 obs.							

• JUN 29, 1985 04h 42m 36.04± 0.94s
37 434 N ±13.7km 71.967 E ±13.2km
DEPTH = 33.0km (normal)
4.8mb (6 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	8.34	211	iPd	44	37.00	-0.8	
			eS	46	04.40		
NDI	9.77	152	iPd	44	59.50	2.1	
	0.5s	10.56nm			5.3mb		
			iS	46	40.00		
KKN	14.76	127	eP	46	02.80	-1.6	
	0.5s	29.00nm			4.9mb		
DMN	14.78	128	eP	46	04.50	-0.1	
	0.4s	28.00nm			5.0mb		
PKI	15.00	127	eP	46	07.60	0.0	
	0.4s	22.00nm			4.8mb		
HFS	42.82	321	eP	50	32.50	0.4	
	0.4s	3.50nm			4.4mb		
NB2	44.11	322	P	50	42.60	0.0	
	0.7s	2.40nm			4.1mb		
S.D. = 1.4 on 7 of 7 obs.							

• JUN 29, 1985 05h 19m 55.19± 1.55s
9.832 S ±12.7km 150.266 E ±16.5km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

ALOA	0.48	167	iPc	20	03.60	-1.8	
LMG	2.28	294	eP	20	31.50	0.1	
PMG	3.10	278	iPd	20	42.40	-0.5	
LAT	4 52	314	e(P)	21	02.00	-1 1	
CTA	10.91	200	eP	22	31.00	-1.2	
BRS	17.63	173	eP	24	01.00	1.0	
WB2	18.36	235	eP	24	09.00	-0 1	
			eS	27	23.10		
WRA	18.37	235	P	24	10.00	0.8	
	1.1s	7.30nm			3.8mb		
ASPA	20.82	227	iPc	24	36.70	0.1	
KNA	21.77	252	iPd	24	47.00	0.9	
SPA	80.23	180	e(P)	32	05.60	1.7	
S.D. = 1.2 on 11 of 11 obs.							

• JUN 29, 1985 06h 29m 00.85± 1.24s
49.061 N ±14.1km 6.752 E ±11.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
mbLg 3.0 (DOU), ML 3.0 (KBA).

BUH	1.05	111	ePn	29	20.80	0.1	
TNS	1.60	43	ePn	29	29.50	0.2	
			eSn	29	50.20		
MEM	1.62	343	Pg	29	30.60	1.1	
			Lg	29	49.80		
DOU	1.75	307	Pn	29	31.00	-0.3	
			iPg	29	33.40		
			iLg	29	52.50		
ENN	1.79	343	iPnc	29	31.30.	-0.7	
	0.8s	45.00nm					
			iPg	29	33 90		
			iSg	29	52.90		
UCC	2.33	319	eP	30	15.00	35.3X	
WTS	2.94	1	iPn	29	54.80	6.4X	
			eSn	30	35.50		
			eSg	30	52.50		
GRC1	3.14	89	ePg	30	02.00	10.7X	
			eSg	30	39.80		
KHC	4.49	87	ePg	30	09.50	-0.9	
			Sg	30	58.00		
KBA	4.84	112	iPnd	30	16.20	0.5	
			iSn	31	11.20		
			i	31	40.20		
S.D. = 0.8 on 7 of 10 obs.							

• JUN 29, 1985 07h 16m 14.14± 0.88s
21.426 S ± 8.6km 68.756 W ±14.5km
DEPTH = 153.3 ± 14.6 km
CHILE-BOLIVIA BORDER REGION (124)

TPZ	0.05	136	P	17	01.00	24.9X	
ANT	2.74	214	iP	16	58.80	0.0	
			iS	17	26.50		
YJA	3.11	104	ePc	17	04.20	0.1	
			(S)	17	43.00		
CNCB	4.65	9	iP	17	25.20	0.9	
LPB	4.91	7	P	17	27.80	0.2	
ZOBO	5.16	7	ePc	17	30.10	-1.1	
ARE	5.57	332	eP	17	32.00	-4.4X	
			iS	18	29.50		
VAO	20.23	99	eP	20	39.20	0.0	
BAO	20.51	77	Pd	20	41.00	-1.1	
ITA	22.34	97	e(P)	21	03.00	2.7X	
SOB1	29.43	70	eP	22	06.60	1.1	
S.D. = 1.0 on 8 of 11 obs.							

JUN 29, 1985 08h 34m 33.26± 0.61s
1.363 N ± 3.2km 98.422 E ± 3.6km
DEPTH = 76.0 ± 5.2 km
5.4mb (64 obs.)
NORTHERN SUMATERA (706)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 27C
Centroid Location.
Origin Time 08:34:33.4 0.5
Lat 1.41N 0.05 Lon 98.09E 0.07
Dep 62.4 4.2 Holf-durotion 1.6
Moment Tensor; Scale 10**23 D-CM
Mrr=-6.98 0.50 Mtt= 8.11 0 68
Mff=-1.13 0 75 Mrt= 6.86 0 58
Mrf=-4.79 0.66 Mtf= 0.68 0.69
Principal Axes:

	T	Val= 10.87	Plg=22	Azm= 6
	N	0.86	20	105
	P	-11.73	59	232

Best Double Cauple:Mo=1.1*10**24
NP1:Strike= 63 Dip=29 Slip=-135
NP2: 292 70 -69

PSI	1.42	21	iPc	35	00.00	2 3	
TSI	2.13	4	iPc	35	10.20	2 8	
PPI	2.68	132	eP	35	15.50	0.5	
			e(S)	35	52.50		
KLM	3.65	62	ePc	35	30.20	1.6	
			e	35	57.10		
IPM	4.12	39	iPc	35	36.10	0.9	
			i	35	55.90		
			i	36	31.90		
			iS	36	45.10		
			i	37	23.10		
KGM	4.94	82	iPd	35	47.70	1.1	
	0.5s	322.50nm					
			i	36	11.10		
			i	36	28.90		
			e	37	08.10		
			e	37	40.70		
BSI	5.15	323	iPc	35	46.50	-3.0	
			i(S)	36	40.00		
SNG	6.18	21	iPc	36	03.50	-0.3	
KHT	13.34	1	eP	37	45.10	4.3X	
PCT	13.56	12	eP	37	43.50	-0.2	
	0.9s	6.00nm			4.1mb X		
NST	14.32	7	eP	37	53.00	-0.6	
LOE	16.27	11	eP	38	17.00	-1.6	
TRT	16.80	123	ePd	38	25.00	-0.1	
CHG	17.35	2	iPc	38	31.40	-0.7	
	1.0s	51.00nm			4.7mb		
			eS	44	36.00		
QIZ	20.82	32	eP	39	11.00	0.2	
			S	42	55.00		
KOD	22.61	294	eP	39	29.00	0.0	
KMI	23.99	10	iPc	39	43.00	0.8	
N	15s	3.40um					
			sP	39	56.00		
			sP	40	04.00		
			S	44	03.50		
			SS	45	12.00		
GBA	24.07	301	P	39	44.00	1.3	
			S	44	04.00		
SHL	24.88	346	iP	39	50.50	-0.1	
			eS	44	07.00		
HYB	25.22	310	eP	39	54.00	0.2	
			e	40	10.00		
GYA	26.18	17	P	40	02.00	-0.7	
BAG	26.46	54	ePg	40	06.00	0.7	
CGP	27.09	74	ePd	40	10.50	-0.4	
	1.0s	42.20nm			4.9mb		
DAV	27.66	77	eP	40	31.80	15.7X	
PKI	28.89	336	iPc	40	27.00	-0.5	
NAU	29.02	146	iPd	40	28.40	0.2	
LSA	29.02	347	Pc	40	28.10	-0.6	
			S	45	14.00		
DMN	29.05	335	iPc	40	28.60	-0.2	
KKN	29.14	336	iPc	40	28.10	-1.5	
POO	29.53	307	iPc	40	46.00	13.0X	
CD2	29.82	9	eP	40	34.00	-1.4	
			eS	45	25.00		
AAI	30.18	100	eP	40	41.40	2.7	
MBL	30.65	138	eP	40	41.00	-1.8	
WHN	32.72	26	P	41	00.40	-0.3	
NDI	33.88	325	iPc	41	09.50	-1.4	
	0.7s	6.85nm			4.7mb		
			iS	46	24.00		
MEK	33.92	146	iPd	41	11.10	-0.1	
XAN	33.96	16	Pc	41	09.60	-1.9	
			sP	41	22.50		
			S	46	30.00		
KNA	34.47	121	eP	41	13.00	-3.1X	
MRWA	34.75	152	iPc	41	19.20	0.9	
	0.6s	25.00nm			5.3mb		
LZH	34.91	8	Pc	41	18.50	-1.3	
MTN	35.39	115	eP	41	20.00	-3.9X	
BAL	36.25	153	eP	41	31.00	0.0	
SSE	36.59	34	eP	41	35.00	1.2	
			eS	47	08.00		
MUN	37.20	155	iPd	41	40.20	1.3	
	0.9s	145 00nm			5.9mb		

KLB	37.56	152	eP	41	42.00	0.0	CSS	68.94	307	eP	45	32.00	-0.6				i(pP)	47	17.10	50kmX
	0.9s	177.00nm			6.0mb		KRI	70 16	252	iPd	45	39.00	-1.4	TRI	85.29	316	iPd	47	02.50	-0 6
GTA	37.89	2	iPc	41	44.50	-0.3				ipP	45	55.00	58kmX	BRG	85.45	321	iPd	47	04 20	0.4
			ScP	47	43.00		NOU	70.28	114	iPc	45	40.20	-0.7		1.0s	28.00nm			5.2mb	
			ScS	51	48.70		BUL	71.57	248	iPd	45	48.30	-0 6				i	47	19.20	
TIY	38.40	18	eP	41	48.20	-0.9		0.9s	28.15nm			5.2mb					e	48	15.70	
NWAO	38.45	154	iPd	41	50.20	0.7				ipP	46	04.50	59kmX				e	50	36.70	
	0.9s	71.00nm			5.6mb		BCK	71.67	309	eP	45	46.40	-2.7	KHC	85.59	319	iPd	47	05.00	0.4
	Z 23s	1.10um			4.6MszX		EVA	72.21	242	eP	45	52.50	-0.2		0.8s	13.50nm			5 0mb	
	N 23s	0.70um						0.8s	32 84nm			5.3mb					e	47	20.00	
	E 23s	0.40um								i	46	09.50		KBA	85.65	317	iPd	47	04.00	-1 1
WBN	38.56	137	eP	41	49.00	-1.5	GPA	72.53	312	iP	45	52.30	-1.8		1.0s	17.60nm			5.0mb	
KLG	38.76	147	iPd	41	52.60	0.5	HRT	73.12	312	iP	45	56.00	-1.6				i	47	19.50	
	0.3s	77.00nm			6.1mb		MAW	73.15	193	iPd	45	57.90	0.8				e	50	43.00	
TIA	38.77	24	eP	41	50.80	-1.2	ISK	73.63	312	eP	45	57.00	-3 4X	BHG	85.99	318	eP	47	06.40	-0.2
RKG	39.34	155	iPd	42	01.70	4.9X	DST	73.63	311	iP	45	58.80	-1.8	WET	86.05	319	iPd	47	07.30	0.5
BTO	40.45	14	Pc	42	06.70	0.7	DRV	73.97	164	eP	46	00.50	-1.4		1.0s	28.00nm			5.3mb	
			S	48	05.00		BFS	74.30	242	iPd	46	03.00	-1.8	CLL	86.07	321	iPd	47	06.90	0.1
HHC	41.07	15	Pc	42	12.00	0.9		1.0s	70.00nm			5.5mb			1.1s	23.00nm			5.1mb	
WRA	41.09	123	Pd	42	09 00	-2.4	IZM	74.44	309	iP	46	03.50	-1.8				ipP	47	21.80	51kmX
	0.8s	28.50nm			5.2mb		SWZ	75.63	242	iPd	46	12.40	0.0	HFS	86.19	330	eP	47	07.50	0.3
WB2	41.10	123	eP	42	09.20	-2.3		0.9s	50.42nm			5.4mb			0.5s	36.90nm			5.7mb	
			eS	48	14.00		DIM	76.38	313	eP	46	16.00	-0.1		Z 18s	0.22um			4.6Msz	
QUE	41.40	317	eP	42	11.50	-2.6	KDZ	76.48	312	iPd	46	15.00	-1.7				LR	23	31.00	
			ePP	42	28.00		CVO	76.70	317	eP	46	18.00	0.1	SBA	86.84	169	iPd	47	11.90	1.8
BJI	41.75	21	eP	42	17.00	0.5	MLR	76.79	316	iPd	46	19.00	0.4		1 0s	48.00nm			5.6mb	
			eS	48	30.00		PVL	76.88	314	iPd	46	18.00	-0.9	MOX	86.92	320	eP	47	11.00	0.0
ASPA	42.52	128	eP	42	21.00	-2.2	PLD	77.04	313	eP	46	19.00	-0.8		1.8s	54.00nm			5.4mb	
			ePcP	44	15.00		MMB	77.67	312	iPd	46	22.00	-1.3				epP	47	26.50	54kmX
			eScS	52	17.00		CRZ	77.82	126	eP	46	25.50	1.2				e	50	40.00	
DL2	42.97	27	Pd	42	26.90	0.4	VTS	78.22	313	iP	46	25.00	-1.2	GRF	87.15	319	iPd	47	13.10	0.9
KSH	43.09	334	P	42	29.00	1.4	VAY	78.49	312	iP	46	26.30	-1 5		1.0s	34.00nm			5.4mb	
WMQ	43.34	349	Pc	42	30.00	0.4				i	46	41.70			Z 20s	0.10um			4.2Msz	
			pP	42	42.00	43kmX	DEV	78.96	316	iPc	46	31.00	0.7	NB2	87.46	331	P	47	13.00	-0.4
			ScP	48	05.70		SKO	79.42	312	eP	46	31.50	-1.4		0.9s	28.50nm			5.4mb	
			S	48	52.50					i	46	46.50		OSS	87.83	316	ePd	47	16.30	0.6
			ScS	52	24.00		BNG	79.80	274	iPd	46	35.00	-0.5	KONO	88.24	329	eP	47	17.70	0.6
SHK	45.93	40	ePc	42	49.30	-1.0		0.9s	162.00nm			6.0mb		SAX	88.38	317	ePd	47	18.50	0.0
SNY	46.21	26	iPc	42	52.00	-0.4				i	46	51.40		LLS	88.62	317	eP+	47	20.10	0.6
			eS	49	28.00					i	47	20.20		TMA	88.71	316	ePd	47	19.60	-0.3
MDG	47.76	98	e(P)	43	03.00	-2.0				i	48	13.30		CVF	88.76	312	eP	47	20.60	0.6
CN2	48.62	26	Pc	43	10.40	-0.8	SUR	80.28	237	iPd	46	38.60	0.7		1.2s	19.40nm			5.2mb	
			PcP	44	35.50			0.6s	44.00nm			5.6mb		TNS	88.95	320	ePd	47	21.30	0.5
			S	50	08.00		TCW	80.28	132	P	46	36.50	-0.9	ZUL	89.03	317	eP+	47	21.60	0.4
PMG	49.70	103	eP	43	20.00	0.0	KJF	80 46	335	iPd	46	37.30	-0.6	BUH	89.12	318	eP	47	21.40	-0.2
MHI	50.04	319	eP	43	21.00	-1.4		0.7s	53.40nm			5.6mb		MMK	89.35	316	eP+	47	23.70	0.7
MAT	50.75	42	eP	43	27.00	-0.7				i	46	52.20		GWF	89.51	319	iPd	47	23.60	0.2
	1.0s	37.00nm			5.4mb					eS	56	38.00		DIX	89.73	316	ePd	47	25.70	0 8
	Z 20s	0.89um			4.8Msz		SYO	80.56	198	P	46	39.20	0.8	BNS	89.74	321	eP	47	25.30	0 9
			eS	50	52.00		KRP	80.69	129	P	46	44.00	4.3X	CDF	89.75	318	iPd	47	24.90	0.2
OYM	50.84	44	eP	43	26.50	-1.9	SUF	80.72	334	iPd	46	39.50	0.2		1.0s	13.60nm			5.1mb	
SRY	50.96	43	eP	43	28.70	-0.5		0.7s	18.70nm			5.1mb		WTS	89.93	322	eP	47	26.00	0.8
DDR	51.11	43	eP	43	28.70	-1.8	NUR	80.86	331	iPd	46	40.40	0.3		1.0s	39.00nm			5.6mb	
MDJ	51.14	28	eP	43	30.50	0.1		0.7s	24.00nm			5.2mb					e	47	40.50	
CTA	51.48	117	iPd	43	32.00	-1.5		Z 20s	0.20um			4.5Msz		WIT	89.99	323	e(P)	47	24.50	-1.0
	0.8s	13 43nm			5.0mb					i	46	55.00					e	47	42.50	
TSK	51.85	43	eP	43	28.70	-7.3X				eS	56	36.00		EMS	90 07	316	eP+	47	27.20	0.9
SHI	51.88	307	eP	43	35.00	-1.6				LR	27	00.00		BSF	90.10	318	iPd	47	26.40	0.1
ADE	52 20	138	iPd	43	38.10	-0.6	MNG	81.08	131	P	46	40.90	-0.8		0.9s	13.30nm			5.2mb	
	0.8s	49.25nm			5 6mb		SPC	81.24	319	iP	46	43.00	0.4	LPG	90.21	315	iPd	47	27.60	0.5
STK	52 56	133	eP	43	40.00	-1.4	KRA	81.56	320	eP	46	43.90	-0.1		0.8s	36.80nm			5.7mb	
AVY	53.71	245	ePd	43	48.40	-1.8		0.6s	23.00nm			5.3mb		FRF	90.36	313	iPd	47	27.90	0.5
CMS	55.54	130	eP	44	02.00	-1.2				e	46	59.10			1.0s	34.70nm			5.6mb	
RMO	55.84	124	eP	44	05.00	-0.5	SOD	81.80	338	iP	46	45.30	0.4	HAU	90.39	318	iPd	47	27.90	0.4
BFD	56.01	138	eP	44	06.00	-0.5	SRO	82.35	318	iP	46	48.80	0.7		0.9s	40.90nm			5.7mb	
KER	57.98	310	eP	44	30.00	9.4X				i	47	04.00		WLF	90.45	320	P	47	28.80	1.2
TOO	58.22	137	eP	44	22.00	-0 1				i	12	50.00					pP	47	43.70	51kmX
BRS	59.52	123	iPc	44	29.70	-1.6	KEV	82.35	341	iP	46	48.20	0.5	LMR	90.47	313	eP	47	28.60	0.7
CAN	59 63	133	iPd	44	31.30	-0.6		1.0s	26.00nm			5.1mb			1.2s	29.70nm			5.4mb	
			e	44	44.80					i	47	02.30		MEM	90.50	320	Pc	47	28.80	1.0
BHD	59.69	308	eP	44	31.00	-1.3				eS	57	00.00					pP	47	43.30	49kmX
COO	59.92	127	iPd	44	33.90	-0.1	WIN	82.51	247	iPd	46	50.00	0.3	ENN	90.54	321	iPd	47	28.80	0.7
	1.0s	57.00nm			5.7mb			0.9s	46.22nm			5.4mb			1.1s	26.00nm			5.4mb	
WAM	59.94	134	iPd	44	33.50	-0.4	ZST	83.19	318	iPd	46	52.80	0.3				i	47	43.90	
			e	44	46.70					i	47	07.90		LRG	90.57	313	iPd	47	29.20	0.8
TAB	60.05	314	eP	44	40.00	5.1X	KSP	83.97	321	iPd	46	56.60	0.2		1.0s	37.60nm			5.6mb	
			e	44	48.00			1.0s	25.00nm			5.2mb		CDR	90.99	314	iPd	47	31.20	0.8
NAI	61.67	268	eP	44	48.00	1.6	UPP	84.20	330	iP	46	57.30	0.1				ipP	47	46.50	52kmX
	1.0s	33.00nm			5.4mb					i	47	12.20		SPA	91.35	180	ePd	47	32.90	1.2
TAU	62.17	141	iPd	44	49.10	0.2	LJU	84.77	316	iPc	47	01.10	0.6		1.0s	30.00nm			5.6mb	
HNR	62.20	101	eP	44	48.00	-1.6		1.0s	460.00nm			6 5mb X		DOU	91.43	320	P	47	33.10	0.9
PRNI	66.52	303	eP	45	17.00	-0.5				i	47	16.30					pP	47	48.00	51kmX
HRI	66.59	306	eP	45	12.00	-6.0X	PRU	85.02	320	P	47	02.00	0.4				ScS	58	22.00	
JER	66.67	304	eP	45	15.00	-3.5X				e	47	17.20		UCC	91.53	321	P	47	34.00	1.4
KOU	67.98	113	iPd	45	26.40	-0.4	KMR	85.17	318	iP-	47	02.80	0.4	LBF	92.05	317	iPd	47	35.50	0.3
MTD	68.29	251	iPd	45	28.00	-0.9				i	47	17.60			1.0s	41.10nm			5.8mb	
			ipP	45	44.00	58kmX	VOY	85.22	316	eP	47	02.50	-0.3	LOR	92.11	317	iPd	47	35.80	0.3

29d 08h

	0 9s	47.50nm			5.9mb
SMF	92.17	317	iPd	47 36.20	0.5
	1 0s	52.00nm			5.9mb
SSF	92.37	317	iPd	47 37.10	0.5
	1 3s	41.10nm			5.7mb
AVF	92.50	317	iPd	47 37.80	0.6
	1 2s	52.60nm			5.8mb
BGF	92 86	317	eP	47 40.00	1.1
	1 0s	59 60nm			6 0mb
MZF	93.07	316	eP	47 40.70	0.8
	1.0s	18.50nm			5.5mb
TCF	93.33	316	eP	47 41.60	0.5
	1 2s	13.70nm			5.3mb
BRW	93.45	18	P	47 42.10	1 0
CAF	93.56	315	eP	47 43.30	1 1
	1.2s	17.80nm			5.4mb
LSF	93.80	316	iPd	47 43.50	0.3
	1.2s	12.50nm			5.2mb
RJF	93.90	315	eP	47 44.70	1.0
	1.2s	17.80nm			5.4mb
LPO	94.20	315	eP	47 46.20	1.1
	1.2s	17.80nm			5.4mb
LFF	94.49	315	eP	47 47.60	1.2
	1.4s	25.10nm			5.5mb
FLN	94.86	319	eP	47 48.10	0 1
MFF	94.91	317	eP	47 48.60	0.3
LPF	95.33	318	eP	47 50.50	0.3
EVA	95.47	326	Pc	47 51.40	0.7
	0 9s	10.10nm			5.3mb
ALE	95.79	358	eP	47 51.00	-0.7
	1 2s	11.00nm			5.2mb
TTA	95.84	26	P	47 51.60	-0.8
	1 1s	10.31nm			5.3mb
IMA	95.96	23	P	47 51.50	-1 4
FBA	98 66	23	eP	47 53.70	-11.3X
INK	101.97	17	ePdiff	48 20.00	0.4
GMW	119.48	31	PKP	53 16.40	0.6
EDM	119 48	21	ePKPd	53 15.30	-0 4
PNT	119.83	28	ePKP	53 17 00	0 6
FFC	121.62	14	ePKP	53 19.00	-0.6
NEW	121.73	27	ePKP	53 19.00	-1.1
SES	122.61	22	ePKP	53 21.00	-0 7
SCH	122.70	350	ePKP	53 21.00	-0.7
WDC	124.03	37	ePKP	53 25.10	0.3
GAS	124.49	38	PKP	53 27.00	1.2
MIN	124.74	37	ePKP	53 26.40	0.1
ORV	125.29	37	ePKP	53 27.30	0.1
LRM	125.67	26	ePKP	53 28.20	0.0
ARN	126.62	40	PKP	53 30.00	0.1
RSON	126.96	10	ePKP	53 29.30	-0.8
JAS1	126.96	38	ePKP	53 31.20	0.7
SLD	126.98	40	PKP	53 31.00	0.4
SAO	127.02	40	ePKP	53 37.50	6.8X
BMN	127.22	34	ePKP	53 32.00	0.9
	1.1s	4.87nm			
PRS	127.33	41	ePKP	53 32.40	1.1
MNA	128.02	36	ePKP	53 33.90	1 2
EUR	128.57	34	iPKP	53 34.80	0.9
	0.5s	9.04nm			
BDW	129.35	27	ePKP	53 35.00	-0 2
	1.2s	11.88nm			
			e	55 49.00	
ISA	129.59	39	ePKP	53 36.00	0.3
DUG	129.76	31	PKP	53 36.40	0.4
	0.8s	9.86nm			
VPEM	129.83	39	PKP	53 36.90	0.7
CLC	130.05	39	ePKP	53 36.00	-0.5
YMT3	130.14	37	iPKP	53 37.80	1.1
RSSD	130 47	21	ePKP	53 47.20	9.9X
	1.0s	21.00nm			
PRN	130.52	35	ePKP	53 38.80	1.3
SBB	130.62	40	ePKP	53 38.00	0.3
PAS	130.73	41	ePKP	53 39.00	1.2
MWC	130.76	41	ePKP	53 38.00	-0.1
GSC	130.87	39	ePKP	53 34.00	-4.2X
MSU	131.33	32	PKP	53 40.40	1.3
RVR	131.34	40	ePKP	53 40.00	1.0
PLM	132.08	41	ePKP	53 42.00	1.4
TPC	132.12	39	ePKP	53 42.00	1.5
BAR	132.62	41	ePKP	53 43.00	1.5
RMU	133.04	32	ePKP	53 43.20	0.9
GLA	133 58	39	ePKP	53 45.00	1.7
GOL	133 69	25	ePKP	53 43.00	-0.6
	1 1s	5 77nm			
[illegible]	133 [illegible]	25	ePKP	53 45 00	[illegible] 5
RSNY	133 86	353	ePKP	53 43 30	-0 1
	0 9s	12 60nm			

ITR	136.43	259	e(PKP)	53 30.00	-19.2X
ITR	136.43	259	ePKP	53 48.70	-0.5
			e	54 05.80	
ALQ	137.02	30	ePKP	53 50.00	0.0
ITA	138.52	237	ePKP	53 57.00	3.7X
SOB1	138.78	258	ePKP	53 54.10	0.5
	0.7s	4.90nm			
			e	54 10.90	
FVM	140.00	11	ePKP	53 46.50	-8 6X
VAO	140.12	235	ePKP	53 55 70	-0 1
			e	54 12 80	
			e	54 15.20	
NA2	140.55	355	PKP	53 56 10	0.1
RLO	140 62	17	ePKP	53 49 00	-7.3X
TUL	140.62	18	ePKP	53 49.70	-6.6X
	1.2s	14.70nm			
	Z 19s	0.16um			4.8Msz
ELC	140.90	10	PKP	53 49.40	-7.3X
NAV	141.51	359	PKP	53 52.20	-5.7X
POW	141.62	13	PKP	53 51.10	-6.9X
BHO	142.32	18	ePKP	53 54.70	-4.6X
	1.0s	7.40nm			
GFM	142 72	0	PKP	53 54 90	-5.3X
LTX	142.88	33	ePKP	53 57.00	-3.6X
	1.0s	8.40nm			
RSCP	143.04	5	ePKP	53 59.00	-1.6
JCT	143.89	27	ePKP	54 00.20	-2.0
	1.0s	52.50nm			
BAO	143.97	245	PKPc	54 00.80	-2.0
PRM	144.73	1	iPKP	54 02.00	-1.4
COW	145.43	359	PKP	54 04.60	0.0
SGS	145.62	358	PKP	54 05.60	0.7
TCA	146.13	207	ePKPc	54 06.60	0.6
LNV	146.21	195	ePKP	54 07.00	1.1
PCH	146 28	197	ePKP	54 07.50	1.3
PEL	146.77	197	iPKPd	54 08.50	1.6
ROCH	147.03	196	ePKP	54 07.70	0.1
			i	54 09.80	
			i	54 25.80	
JACH	147.18	197	iPKP	54 10.20	2.5X
SLA	152.05	213	ePKPc	54 23.00	7.6X
OXM	152.84	40	iPKP	54 17.00	0.1
TPM	153.47	40	iPKPc	54 19.00	1.5
YJA	154.07	216	ePKPd	54 21.00	2.3X
			S	54 46.00	
TPZ	156.41	211	PKPd	54 21.30	-0.4
CNCB	159.63	220	PKP	54 27.00	1.2
LPB	159.91	221	PKP	54 26.00	0.1
			PP	58 46.00	
			eLR	49 20.00	
ZOBO	160.12	221	PKPc	54 27.30	0 9
ARE	162.00	213	e(PKP)	54 30.00	2.1
BOG	170.42	308	ePKP	54 35.00	0 3
PSO	175.05	301	ePKP	54 38.50	2.0

S.D. = 1 0 on 263 of 294 obs.

* JUN 29, 1985 10h 59m 41.44± 0.82s
26.302 S ± 9.5km 27.486 E ± 9.5km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

EVA	1.44	98	eP	00 08.50	0.1
			S	00 24.00	
SWZ	2.12	245	iPd	00 20.00	1.8
JOZ	4.26	107	eP	00 49.00	0.6
BUL	6.22	10	iPn	01 16.50	0.2
			iSn	02 23.50	
SUR	8.40	222	eP	01 45.00	-2.0
			S	03 15.50	
KRI	9.63	12	iPn	02 04.00	0.1
			iSn	03 46.00	
			eSg	04 45.00	
MTD	10 21	23	iPn	02 11.00	-0.9
			eSn	03 58.00	
			eLg	05 03.00	

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

& JUN 29, 1985 11h 11m 15.52s
61.087 N 150.252 W
DEPTH = 41.8km
SOUTHERN ALASKA (2)
<AGS-P>

PMS	0 37	54	iP	11 24 48	-0 3
SLA	0 45	329	P	11 25 18	-0 7
			eS	11 32 98	
SLKM	0 58	178	P	11 26 79	-0 7
NKA	0.59	235	iP	11 28 75	1.2
			eS	11 39.80	
PWA	0.59	17	iP	11 26.92	-0 7
PTE	0.64	110	iP	11 27.90	-0 3
			eS	11 37.94	
MPA	0.74	144	iP	11 29.27	-0.4
			eS	11 41.26	
PME	0.80	47	iP	11 29.73	-0 7
			eS	11 41 83	
CGLM	0 88	285	iP	11 30.90	-0 8
			eS	11 43.36	
SPU	0.88	277	iP	11 30.73	-0.9
KNK	0.93	69	iP	11 31.82	-0.5
			eS	11 45.04	
GHO	0.94	42	iP	11 31.84	-0.7
			eS	11 44.80	
CRP	0.94	282	iP	11 32.02	-0.6
PWL	0.96	103	iP	11 32.39	-0.4
			eS	11 45.98	
MSE	0.97	39	iP	11 32.00	-1.0
SEW	1.06	158	eP	11 33.58	-0.6
SKT	1.09	326	iP	11 33.99	-0.5
			iS	11 49.07	
NNL	1.17	207	eP	11 36.49	0.8
SML	1.17	51	iP	11 35.07	-0.7
			eS	11 51.00	
RDT	1.17	245	iP	11 34.98	-0.8
CFI	1.21	84	eP	11 35.72	-0.5
			eS	11 53.84	
BRLK	1.36	194	eP	11 38.17	-0.3
TTV	1.52	90	eP	11 40.22	-0.5
GLI	1.55	96	iP	11 39.84	-1.3
ILM	1.56	235	eP	11 40.71	-0.5
SCM	1.59	61	eP	11 41.66	-0.1
CNPM	1.64	198	eP	11 42.07	-0.3
VZW	1.80	89	eP	11 43.56	-1.1
FID	1.87	99	eP	11 43.51	-2.2
VLZ	1.90	87	eP	11 45.08	-1.0
			eS	12 08.09	
HIN	1.97	109	eP	11 45.66	-1.4
KLU	2.13	77	eP	11 48.16	-1.3
TOA	2.20	61	eP	11 50.33	-0.1
CVA	2.27	102	eP	11 53.65	2.3
PDB	2.35	238	eP	11 51.93	-0.5
TSIM	2.39	84	eP	11 51.81	-1.3
SGAM	2.54	101	eP	11 57.16	2.0
KMP	2.56	78	eP	11 54.03	-1.5
SVW	2.61	273	eP	11 54.93	-1.2
CSG	2.67	97	eP	11 55.96	-1.2
BMRM	2.76	90	eP	12 00.64	2.2
RAGM	2.83	102	eP	12 03.53	4.2
GLB	3.13	81	eP	12 02.32	-1.3
BALM	3.84	87	eP	12 11.57	-2.2
COL	3.99	15	eP	12 15.00	-0.7

45 obs. associated

* JUN 29, 1985 11h 28m 52.74± 2.09s
4.650 S ±21.6km 155.896 E ±10.7km
DEPTH = 124.3 ± 19.0 km
4.3mb (2 obs.)
SOLOMON ISLANDS (193)

BGA	1.65	206	iPc	29 21.80	-0.9
			eS	29 38.00	
PAA	1.69	194	iPc	29 18.00	-5.1X
			eS	29 31.00	
SVO	5.93	139	P	30 20.00	0.5
HNR	6.22	140	P	30 24.00	0.4
LAT	9.07	257	eP	31 10.00	7.9X
PMG	9.88	241	eP	31 14.00	1.1
CTA	17.99	211	iPd	32 54.80	-1.7
	1.0s	21.00nm			4.4mb
WB2	25.91	232	eP	34 16.30	1.2
WRA	25.92	232	Pd	34 16.20	1 1
	0.7s	4.40nm			4.1mb
ASPA	28.41	226	eP	34 37.00	-0.8
WTS	126.30	337	ePKP	47 14.50	-27.7X
	1.0s	12.00nm			
LJU	126.88	327	i(PKP)	47 43.00	-0.6
VOY	127.23	327	ePKP	47 42.10	-2.3
ENN	127.61	336	ePKP	47 41.00	-3 7X
	1.0s	10.00nm			
MEM	127.70	336	PKPd	47 40 70	-4 [illegible]
GWF	128 26	334	iPKPc	47 44 50	1 [illegible]
[illegible]	128 37	335	iPKP	47 44 50	1 [illegible]
DOU	128 66	337	PKPd	47 44 60	[illegible]
[illegible]	128 83	334	iPKPc	47 46 50	1 0

0.8s 12.10nm
BSF 129 48 333 ePKP 47 48.00 -0 6
0 8s 6.20nm
HAU 129 55 334 ePKP 47 48 00 -0 6
0 8s 7 70nm
[illegible] 131 19 335 iPKPc 47 52 20 0 5
0 8s 15 40nm
[illegible] 131 26 331 iPKPc 47 54 00 1 %
0 8s 12 10nm
LBF 131 36 335 ePKP 47 52 90 0.8
0 8s 6.40nm
SSF 131.50 335 iPKPc 47 53.10 0.8
0.8s 22.80nm
FLN 131.66 339 iPKPc 47 51.60 -0.9
0.8s 9.40nm
LDF 131.67 339 ePKP 47 51.90 -0.7
SMF 131.68 334 ePKP 47 53.80 1.1
0.9s 7.30nm
AVF 131.78 335 ePKP 47 53.60 0.8
1.0s 131.20nm
GRR 132.11 339 iPKPc 47 53.30 -0.1
1.0s 13.40nm
BGF 132.18 335 iPKPc 47 54.70 1.1
0.8s 10.30nm
CVF 132.22 327 ePKP 47 56.60 2.7X
LPF 132.47 339 iPKPc 47 54.20 0.1
0.8s 19.90nm
MZF 132.56 335 ePKP 47 55.80 1.4
1.0s 8.30nm
TCF 132.66 335 ePKP 47 55.60 1.0
0.9s 9.80nm
FRF 132.69 330 ePKP 47 57.10 2.4X
1.0s 21.70nm
LRG 132.91 330 ePKP 47 58.00 2.9X
0.8s 12.10nm
LMR 132.92 330 ePKP 47 57.80 2.7X
1.0s 16.00nm
LSF 132.97 336 iPKPc 47 56.10 1.0
0.8s 10.30nm
CDR 133.04 330 ePKPc 47 58.00 2.6X
MFF 133.34 337 iPKPc 47 56.70 0.9
0.8s 13.40nm
RJF 133.74 335 ePKP 47 58.60 2.0X
CAF 133.80 334 ePKP 47 59.10 2.3X
1 0s 9.00nm
LFF 134.36 335 ePKP 48 00.00 2.2X
0.8s 14.20nm
LPO 134.37 335 ePKP 48 00.40 2.6X
0.8s 12.10nm
EPF 136 07 334 ePKP 48 05.30 4.1X
0.8s 3.30nm
BNG 137.49 271 iPKPd 47 51.00 -13.7X
0 7s 12.00nm
i 48 07.90
S.D = 1.2 on 31 of 47 obs.

% JUN 29, 1985 12h 02m 15.64± 0 88s
39 087 N ± 7.2km 27.593 E ± 9.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.73 201 ePg 02 30.00 -0.1
iSg 02 42.50
DST 0.96 57 iPn 02 34.10 0.2
EZN 1.23 307 ePn 02 38.80 0.3
EDC 1 28 9 ePn 02 39.20 -0.1
KGT 1.38 351 iPn 02 40.50 -0.4
S.D. = 0.4 on 5 of 5 obs.

% JUN 29, 1985 12h 10m 34.08± 0.91s
39.061 N ± 7.4km 27.666 E ± 9.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.73 206 ePg 10 48.50 0.0
iSg 11 01.50
DST 0.92 54 ePn 10 51.80 0.0
EZN 1.29 307 ePn 10 58.10 0.2
EDC 1.29 7 ePn 10 58.20 0.2
KGT 1.42 349 iPn 10 59.50 -0.4
S.D = 0.3 on 5 of 5 obs.

? JUN 29, 1985 13h 02m 29.03± 1.79s
44 443 N ± 5 8km 6.837 E ±47.1km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.5 (LDG).

FOUF 0 10 335 P 02 31 10 -0.6
FRF 0 89 189 Pn 02 45.30 -0 8
Pg 02 46 60
Sg 02 57 60
LRG 1 05 199 Pg 02 49 50 0 8
Sg 03 03 90
LPG 1 06 357 Pg 02 49 60 0 5
Sg 03 04 00
CDP 1 09 224 eP 02 56 30 0 8
eSg 03 05 50
e 03 06.00
e 03 06.10
LMR 1.13 192 Pg 02 50.40 0.2
Sg 03 05.00
S.D. = 1.0 on 5 of 6 obs.

JUN 29, 1985 13h 32m 26.85± 0.86s
39.125 N ± 4.7km 75.155 E ± 3.3km
DEPTH = 36.3 ± 8.5 km
4.9mb (22 obs.)
SOUTHERN XINJIANG, CHINA (321)

KSH 0.72 62 iPd 32 41.50 0.8
S 32 52.00
WMQ 10.51 59 Pc 34 56.00 -2.3
S 36 49.00
NDI 10.55 170 iPd 34 58.00 -0.8
0.6s 26.67nm 5.6mb X
iS 36 49.00
QUE 11.18 220 eP 35 09.00 1.5
eS 37 11.00
MHI 12.72 262 eP 35 26.00 -2.1
eS 37 42.00
KHI 14.16 255 eP 35 44.70 -2.4
LSA 16.19 121 eP 36 15.30 1.7
GTA 19.09 81 iPd 36 50.50 1.3
SHL 19.51 129 eP 36 51.00 -3.2X
POO 20.55 184 eP 37 06.00 1.0
HYB 21.83 171 ePc 37 18.40 0.4
0.8s 28.60nm 4.7mb
CD2 24.74 101 eP 37 47.60 1.3
GBA 25.50 175 P 37 54.00 0.5
BTO 26.70 76 P 38 05.60 1.0
KMI 27.09 113 eP 38 08.00 -0.4
HHC 27.83 75 eP 38 12.50 -2.3
TIY 29.11 81 eP 38 28.00 1.6
BJI 31.43 75 eP 38 47.50 0.7
WHN 33.09 93 eP 39 02.00 0.7
SNY 36.55 70 eP 39 28.50 -2.3
KJF 37.32 328 eP 39 39.00 2.0
SUF 37.54 325 iP 39 40.10 1.2
NUR 37.73 321 eP 39 42.00 1.5
SOD 38.85 332 eP 39 50.00 0.2
UPP 41.12 320 iP 40 14.20 5.6X
HFS 43.11 320 eP 40 24.80 -0.1
0.6s 12.30nm 4.8mb
BRG 43.65 306 eP 40 30.00 0.6
KHC 44.19 304 eP 40 35.50 1.6
0.9s 34.00nm 5.2mb
i 40 45.60
e 41 13.20
e 42 25.50
LJU 44.22 299 e(P) 40 35.30 1.2
i 40 45.40
e 41 13.40
NB2 44.33 321 P 40 34.40 -0.5
0.6s 43.00nm 5.4mb
VOY 44.65 300 eP 40 38.00 0.3
i 40 48.40
e 41 12.00
OSS 47.00 301 eP 40 56.60 0.2
LLS 47.71 302 eP 41 02.50 0.5
SLE 47.80 303 eP 41 04.10 1.6
TMA 48.00 301 eP 41 03.60 -0.7
CDF 48.41 304 eP 41 07.40 0.1
BSF 48.88 304 eP 41 11.10 0.2
0.8s 5.90nm 4.7mb
MAT 48.97 72 iPc 41 10.60 -1.1
0.8s 10.45nm 4.9mb
CVF 49.11 297 eP 41 12.80 0.2
HAU 49.12 304 eP 41 12.90 0 2
EMS 49.30 301 eP 41 14.50 0.2
LPG 49.60 301 eP 41 17.10 0.4
0.7s 3 60nm 4 5mb
FRF 50.30 298 eP 41 21.80 0 0
LMR 50.48 298 eP 41 23.30 0.2
LRG 50.54 298 eP 41 23.80 0.3

CDR 50.87 299 ePc 41 27 10 1 1
e 41 36 10
LOR 50 95 304 eP 41 26 00 -0 6
LBF 50 96 303 eP 41 26 00 -0 8
SMF 51 16 303 eP 41 28 00 -0 1
SSF 51 24 304 eP 41 28 30 -0 5
AVF 51 43 303 eP 41 30 00 -0 7
0 7s 5 [illegible] 4 7mb
MZF 52 12 303 eP 41 35.50 0 0
0 7s 2 00nm 4 2mb
TCF 52.34 303 eP 41 37.00 -0 2
EKA 52.72 315 P 41 42.00 2.2
0.7s 3.70nm 4.5mb
LSF 52.79 303 eP 41 39.80 -0.8
CAF 52.91 302 eP 41 41.60 0.1
LDF 53.04 307 eP 41 42.00 -0.4
0.6s 3.60nm 4.5mb
RJF 53.14 302 eP 41 43.30 0.2
FLN 53.21 307 eP 41 42.70 -0.9
GRR 53.57 306 eP 41 45.60 -0.6
0.6s 5.20nm 4.7mb
LPO 53.58 302 eP 41 46.40 0.0
MFF 53.75 304 eP 41 47.20 -0.4
LFF 53.79 302 eP 41 47.90 0.1
0.6s 3.40nm 4.5mb
LPF 53.81 306 eP 41 47.50 -0.5
EPF 54.78 300 eP 41 54.30 -1.0
BNG 61.63 251 iPc 42 42.50 -1.0
0.7s 30.00nm 5.5mb
i 42 54.50
BRW 63.89 16 eP 42 57.10 -0.6
IMA 68.60 19 eP 43 27.10 -0.8
TTA 70.39 22 eP 43 38.70 -0 1
INK 70.77 11 iPc 43 40 10 -0 8
0.5s 23 00nm 5.5mb
COL 71.00 18 iPc 43 41.80 -0 6
0.8s 33.58nm 5.4mb
FBA 71.00 18 eP 43 41.70 -0 7
MBL 73.10 137 iPd 43 55.30 0.0
PMR 73.40 20 eP 43 55.60 -1.0
0.6s 5.00nm 4.7mb
KDC 75.55 24 eP 44 09.50 0.4
MEK 76.94 141 iPd 44 17.10 -0.1
0.5s 13.00nm 5.2mb
MRWA 77.92 144 eP 44 22.00 -0.6
KIC 78.18 269 eP 44 24.90 0.5
YKA 78.42 5 eP 44 25.40 0.5
YKC 78.45 5 ePc 44 25.20 0.2
0.8s 32.00nm 5.4mb
WRA 80.69 125 Pd 44 37.80 0.0
0.4s 3.20nm 4.7mb
WB2 80 70 125 iPc 44 37.20 -0.6
KLG 81.81 141 eP 44 43.00 -0 4
FFC 86.49 358 iPc 45 06.80 0 0
0.7s 10.00nm 5.2mb
EDM 87.73 5 iPc 45 13.00 0 1
PNT 90.97 10 iP 45 28.00 -0 3
0.8s 19.00nm 5 5mb
NEW 92.31 8 eP 45 35 00 0 5
SPA 128.94 180 e(PKP) 51 30 00 -1 4
VBA 146.70 258 ePKPd 52 05 80 1 3
S.D. = 1.0 on 86 of 89 obs

? JUN 29, 1985 14h 50m 12.12± 4.60s
32.251 S ±26.7km 71.508 W ±33.4km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH 0.83 150 iPd 50 27.40 -0.2
iS 50 40.00
JACH 0.89 119 iPc 50 28.90 0.6
PEL 1.13 142 iPc 50 30.60 -1.1
iS 50 48.70
PCH 1.60 149 iP 50 39.30 0.7
LNV 1.70 177 iPd 50 40.00 0.1
iS 51 02.50
MDZ 2.33 106 eP 50 52.50 3.5X
iS 51 28.50
TCA 5.96 83 iPd 51 40.30 -0.2
S 52 52.00
S.D. = 0.9 on 6 of 7 obs.

JUN 29, 1985 17h 52m 48 29± 1 05s
24 503 S ± 5.4km 176.573 W ± 5 3km
DEPTH = 83.5 ± 9 2 km
5.1mb (20 obs)
SOUTH OF FIJI ISLANDS (177)

29d 17h

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CENTROID, MOMENT TENSOR    (HRV)
Data Used  GDSN
L.P.B : 13S, 22C
Centroid Location:
Origin Time          17:52 48.5 1.1
Lat 24.51S 0.10 Lon 176.04W 0.10
Dep  70.8 7.1 Half-duration  1.3
Moment Tensor; Scale 10**23 D-CM
  Mrr= 4.21 0.39  Mtt=-1.30 0.50
  Mff=-2.90 0.55  Mrt= 0.03 0.42
  Mrf= 2.16 0.67  Mtf=-1.19 0.60
 Principal Axes
  T  Val=  4.82   Plg=74  Azm=260
  N       -0.83      9       22
  P       -4.00     14      114
Best Double Couple:Mo=4.4*10**23
 NP1 Strike=216 Dip=32 Slip= 106
 NP2        16      59       80
RAO     4.88 194 P      54 00.00  -0.7
                 S      55 01.00
NUE     8.20  50 P      54 31.90 -14.7X
                 S      55 52.00
SGE     8.59 322 eP     54 52.80   0.8
NDF     8.73 319 eP     54 54.10   0.3
YSA     9.50 324 eP     55 05.50   1.1
GNZ    14.83 197 eP     56 13.00  -1.7
                 S      58 51.60
NOU    15.74 275 iPd    56 32.50   6.1X
RAR    15.83  81 P      56 16.00 -11.5X
                 S      58 47.00
MNG    17.39 201 P      56 40.90  -6.1X
                 S      59 43.00
KOU    18.11 279 iPc    57 01.20   5.4X
TCW    18.33 202 P      56 53.30  -5.1X
                 S      00 05.80
BRS    27.68 257 eP     58 32.00   1.5
RMO    31.30 259 eP     59 04.00   1.3
CAN    31.59 242 eP     59 06.50   1.3
WAM    31.85 240 eP     59 09.20   1.9
CTA    34.60 270 iPc    59 31.40   0.0
       0.9s     53.36nm         5.5mb
TOO    34.78 239 eP     59 34.00   1.2
PMG    37.66 287 eP     59 56.00  -1.1
ASPA   45.02 260 eP     00 58.00   0.5
       0.9s     11.20nm         4.7mb
                 eS     08 10.00
WB2    45.47 266 iPc    01 00.20  -0.9
WRA    45.48 266 Pc     00 59.80  -1.3
       0.8s     13.90nm         4.9mb
JAY    46.64 291 ePd    01 08.80  -1.5
DRV    50.07 201 eP     01 36.50   0.4
WBN    51.06 255 eP     01 42.00  -2.3
KNA    51.78 269 eP     01 49.00  -0.9
SBA    53.99 184 iPc    02 08.30   3.0X
       1.0s     12.00nm         4.9mb
KLG    54.66 249 eP     02 11.00   0.1
KLB    57.63 247 eP     02 31.00  -1.1
       0.7s     29.00nm         5.5mb
MEK    58.00 253 eP     02 32.00  -2.8
MBL    58.25 259 eP     02 35.00  -1.6
BAL    58.71 248 eP     02 39.00  -0.7
MUN    58.86 246 eP     02 40.00  -0.7
MRWA   59.61 249 eP     02 46.00   0.1
NAU    61.72 257 iPd    02 59.90  -0.4
       0.6s     20.00nm         5.4mb
SPA    65.64 180 eP     03 27.20   1.7
MAT    74.20 324 iPc    04 16.10  -1.6
       0.9s     12.60nm         4.8mb
MAW    78.26 200 eP     04 42.00   2.0
SYP    79.55  44 eP     04 48.00   0.2
PRS    79.83  42 eP     04 49.10   0.0
GCC    79.91  41 eP     04 49.50   0.1
MHC    80.33  41 eP     04 52.00   0.2
PAS    80.48  46 eP     04 53.00   0.5
BAR    80.58  48 eP     04 45.00  -8.2X
MWC    80.60  46 eP     04 53.00  -0.4
PLM    80.86  47 eP     04 54.00  -0.8
RVR    80.91  46 eP     04 55.00   0.2
SBB    81.04  45 eP     04 55.00  -0.5
ISA    81.22  44 eP     04 56.00  -0.5
FRI    81.28  43 eP     04 56.30  -0.3
JAS1   81.44  42 eP     04 57.30  -0.2
TPC    81.85  47 eP     05 00.00   0.2
ORV    81.86  40 eP     04 59.40  -0.2
CLC    81.88  45 eP     05 00.00   0.1
WDC    81.94  39 eP     05 00.10   0.1
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GLA    82.05  48 eP     05 01.00   0.2
GSC    82.07  46 eP     05 01.00   0.1
MIN    82.31  39 eP     04 59.80  -2.4
MNA    83.14  42 eP     05 06.30  -0.2
MDJ    84.53 325 eP     05 13.50   0.4
BMN    84.95  41 eP     05 15.50   0.0
       1.1s     14.61nm         4.9mb
EUR    85.13  43 iP     05 16.50  -0.1
       0.2s     16.75nm         5.7mb
SNA    85.36 178 eP     05 19.40   2.5
SNY    86.10 320 Pd     05 21.70   0.7
CN2    86.26 322 Pc     05 21.60  -0.1
TIA    86.93 312 eP     05 25.40   0.2
LTX    88.12  57 eP     05 31.20   0.0
       1.0s      7.60nm         4.8mb
                 epP    05 44.80  46kmX
PMR    88.60  13 P      05 32.10  -0.5
ALQ    88.89  51 eP     05 35.00   0.1
       1.0s     19.00nm         5.2mb
PNT    89.24  33 iPc    05 36.20   0.3
       0.8s     21.00nm         5.4mb
BJI    89.65 315 eP     05 38.00   0.0
NEW    89.85  35 P      05 38.50  -0.4
       0.9s      4.20nm         4.6mb
                 pP     05 50.50  39kmX
NST    90.47 287 eP     05 45.30   3.0X
TIY    90.91 311 P      05 45.40   1.4
LRM    90.96  39 eP     05 43.90  -0.4
BDW    90.98  43 eP     05 43.80  -0.6
       1.0s     10.20nm         5.1mb
                 epP    05 54.00  32kmX
XAN    91.59 307 eP     05 48.00   0.8
JCT    91.61  57 eP     05 47.50   0.1
       1.0s      6.50nm         4.9mb
COL    91.86  12 eP     05 47.00  -0.7
       1.0s     15.00nm         5.3mb
GOL    92.06  47 eP     05 50.00   0.5
       1.0s      4.50nm         4.8mb
GLD    92.18  47 eP     05 50.80   0.8
       1.1s     23.14nm         5.5mb
KMI    92.32 296 eP     05 53.00   2.0
CHG    92.82 289 iPd    05 56.40   3.3X
       0.8s     24.25nm         5.6mb
HHC    93.07 314 Pd     05 55.20   1.3
CD2    94.04 302 eP     06 01.40   2.9X
RSSD   95.12  44 iP     06 03.10  -0.3
       0.9s     21.01nm         5.6mb
QUE   123.92 291 ePKP   11 39.00   0.1
SOB1  125.30 122 ePKP   11 39.70  -2.1X
                 e      11 42.70
                 e      11 56.10
KJF   137.24 345 ePKP   11 56.00  -7.0X
       0.8s     10.30nm
                 i      12 02.10
SUF   138.87 344 ePKP   11 47.00 -19.0X
NUR   141.13 343 ePKP   12 04.00  -6.1X
       1.0s     14.00nm
                 i      12 09.10
NB2   143.09 354 PKP    12 09.00  -4.6X
       1.0s     11.80nm
UPP   143.30 348 iPKP   12 07.20  -6.7X
HFS   143.68 351 ePKP   12 10.60  -4.0X
       0.7s     13.70nm
RTB   146.71 293 iPKPd  12 23.50   3.0X
EDU   147.65   7 iPKPc  12 23.40   2.1X
EBH   147.89   7 iPKPc  12 24.40   2.7X
EAU   148.29   7 iPKPc  12 25.50   3.2X
ESY   148.31   6 iPKPc  12 25.30   3.0X
EKA   148.82   7 PKPd   12 26.90   3.7X
       0.9s     13.30nm
BHL   150.45 296 PKPc   12 33.00   6.5X
HRI   150.48 295 ePKP   12 33.50   7.0X
JER   151.14 292 ePKP   12 32.00   4.5X
PRNI  151.44 289 ePKP   12 35.00   7.0X
WIT   151.62 356 ePKP   12 35.50   8.1X
                 e      12 46.00
KSP   151.89 343 ePKP   12 27.50  -0.4
       0.9s     41.00nm
                 ic     12 35.00
SPC   152.05 336 ePKP   12 36.10   7.6X
CSS   152.11 299 ePKP   12 37.00   8.2X
CLL   152.24 347 iPKPc  12 35.60   7.2X
       1.0s     38.00nm
                 ipP    12 48.20
MLR   152.26 325 ePKP   12 36.00   7.2X
WTS   152.43 355 iPKPc  12 36.00   7.4X
       1.0s     28.00nm
```

```
                 i      12 46.00
                 e      12 58.00
BRG   152.45 346 ePKP   12 29.00   0.3
                 i      12 35.40
                 i      12 45.20
GPA   152.52 311 ePKP   12 35.60   6.4X
PRU   153.13 344 PKP    12 37.60   7.9X
                 e      12 47.30
MOX   153.14 348 ePKP   12 37.50   7.8X
       1.3s     10.00nm
                 epPKP  12 47.50
ENN   153.71 356 ePKP   12 39.00   8.5X
       1.0s     11.00nm
                 e      12 49.00
MEM   153.86 356 PKPc   12 39.40   8.7X
ZST   154.00 339 ePKP   12 40.00   9.0X
DOU   154.44 358 PKP    12 40.80   9.3X
                 e      12 54.40
DIM   154.64 319 ePKP   12 41.00   9.0X
KDZ   155.02 318 ePKP   12 41.00   8.5X
BNG   155.30 218 ePKPd  12 34.20   0.4
       0.5s     23.00nm
                 i      13 00.40
                 i      13 03.30
VOY   156.92 341 e(PKP)12 37.00   1.9X
      S.D. = 1.0  on  78 of 122 obs.

&  JUN  29, 1985   18h 22m 43.72s
   59.912 N           153.513 W
   DEPTH = 135.1km
 SOUTHERN ALASKA                      (  2)
        <AGS-P>.

PDB     0.36 250 iP     23 02.11   0.8
                 eS     23 16.49
ILM     0.44  52 iP     23 02.71  -0.6
                 eS     23 17.68
RDT     0.86  39 iP     23 05.59  -0.7
NNL     1.12  82 eP     23 08.78   0.3
CNPM    1.22 108 iP     23 08.51  -1.0
                 eS     23 27.90
BRLK    1.34  95 iP     23 09.75  -1.0
                 eS     23 30.27
SPU     1.46  29 iP     23 11.48  -0.7
                 eS     23 33.98
CRP     1.52  26 eP     23 12.42  -0.5
CGLM    1.59  27 eP     23 12.97  -0.6
SLKM    1.75  69 eP     23 14.24  -1.2
                 eS     23 36.91
SEW     2.05  83 eP     23 17.85  -1.1
                 eS     23 43.16
SUA     2.07  40 eP     23 18.59  -0.8
MPA     2.15  73 eP     23 19.05  -1.2
SKT     2.29  24 eP     23 21.06  -0.9
                 eS     23 50.61
PMS     2.37  54 eP     23 22.68  -0.3
PTE     2.43  65 eP     23 22.41  -1.2
PWL     2.74  67 eP     23 25.99  -1.8
KNK     2.91  57 eP     23 29.55  -0.4
GHO     2.92  48 eP     23 28.22  -1.9
                 eS     24 01.93
MSE     2.95  47 eP     23 27.98  -2.5
SML     3.17  51 eP     23 32.31  -1.1
GLI     3.33  70 eP     23 34.36  -1.1
FID     3.60  73 eP     23 36.65  -2.3
VZW     3.63  69 eP     23 38.10  -1.4
KLU     4.05  64 eP     23 43.42  -1.7
KMP     4.47  65 eP     23 49.18  -1.5
        26 obs. associated

&  JUN  29, 1985   18h 23m 50.90s
   33.480 N           116.560 W
   DEPTH =  13.0km
 SOUTHERN CALIFORNIA                  ( 43)
        <PAS-P>, ML 3.4 (PAS).

CPE     0.75 217 iPd    24 04.30  -1.0
TPC     0.76  34 iPc    24 04.90  -0.5
HAY     0.80  73 iPc    24 05.80  -0.4
BAR     0.80 187 iPd    24 05.40  -0.8
IKP     0.91 155 eP     24 07.70  -0.4
CBX     1.17 184 iPc    24 11.70  -0.7
                 S      24 12.60
SDW     1.20 339 iP     24 13.10   0.0
GLA     1.51 106 eP     24 15.70  -2.0
        8 obs. associated
```

• JUN 29, 1985 20h 57m 11.54± 1 34s
9 519 S ±11 3km 119.291 E ± 6.9km
DEPTH = 42.0 ± 19 5 km
3 3mb (1 obs)
SUMBA ISLAND REGION (287)

TRT	6.82	285	iPd	58 51.80	0.1
			iS	00 02.20	
KNA	11.13	125	eP	59 52.00	0.9
			eS	01 49.00	
MBL	11.59	177	iPd	59 56.60	-0.7
	0.3s		5.00nm		5.1mb X
MTN	12.08	107	eP	00 03.00	-0.9
			eS	02 09.00	
NAU	13.45	195	eP	00 22.00	-0.1
			eS	02 42.00	
MEK	17.02	182	eP	01 09.00	0.8
			eS	04 07.00	
WRA	17.85	127	Pd	01 19.30	0.7
	0.4s		1.10nm		3.3mb
WB2	17.86	127	eP	01 18.70	0.0
			eS	04 27.50	
WBN	17.92	158	eP	01 23.00	3.6X
			eS	04 32.00	
ASPA	19.82	137	eP	01 41.00	-0.7
MRWA	19.84	189	eP	01 42.00	0.2
			eS	05 09.00	
KLG	21.25	175	eP	01 56.00	-0.4
			eS	05 45.00	
NWAO	23.37	184	eP	02 33.00	15.7X
	0.4s		3.00nm		
			eS	06 32.00	
BRS	36.23	124	eP	04 13.00	0.3
S.D. = 0.7 on 12 of 14 obs.					

& JUN 29, 1985 21h 55m 51.08s
60.141 N 151.451 W
DEPTH = 46.2km
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

NNL	0.13	142	iP	55 59.74	2.7
			eS	56 05.64	
BRLK	0.47	143	iP	56 01.26	-0.6
NKA	0.61	10	iP	56 05.04	1.5
CNPM	0.63	170	iP	56 03.16	-0.7
RDT	0.64	313	iP	56 03.65	-0.4
			eS	56 13.36	
ILM	0.68	274	iP	56 04.07	-0.5
SLKM	0.71	58	eP	56 03.91	-1.1
SEW	1.00	91	eP	56 07.22	-1.7
			eS	56 23.09	
SPU	1.09	344	iP	56 09.62	-0.6
			eS	56 26.93	
MPA	1.10	71	eP	56 09.29	-1.0
			eS	56 24.13	
CRP	1 18	343	eP	56 11.25	-0.4
			eS	56 25.46	
CGLM	1.20	347	eP	56 11.41	-0.4
SUA	1.37	14	iP	56 13.83	-0.4
PTE	1.40	58	iP	56 13.63	-0.9
			eS	56 32.94	
PDB	1.42	257	iP	56 14.12	-0.7
			eS	56 32.56	
PMS	1.45	39	iP	56 14.58	-0.7
PWA	1.70	26	eP	56 18.49	-0.2
PWL	1.70	64	iP	56 17.33	-1.5
PMR	1.85	37	eP	56 19.50	-1.3
SKT	1.85	359	iP	56 20.67	-0.2
			eS	56 45.15	
PME	1.90	37	iP	56 20.62	-1.0
KNK	1.95	48	iP	56 20.99	-1.3
			eS	56 44.82	
MTG	2.00	95	eP	56 21.21	-1.8
GHO	2.05	36	iP	56 22.58	-1.2
MSE	2.09	34	iP	56 22.83	-1.6
CFI	2.09	58	iP	56 22.30	-2.0
			eS	56 46.75	
SML	2.26	41	iP	56 25.23	-1.5
SVW	2.27	297	eP	56 25.40	-1.5
GLI	2.28	69	eP	56 24.23	-2.8
TTV	2.32	65	eP	56 25.69	-2.0
KDC	2.46	193	eP	56 27.10	-2.5
HIN	2.48	82	eP	56 26.81	-3.1
FID	2.54	74	iP	56 27.04	-3.7
VZW	2.59	67	eP	56 28.69	-2.8
SCM	2.63	48	eP	56 30.74	-1.4
MID	2.68	103	eP	56 31 50	-1.3
VLZ	2.71	66	eP	56 30.77	-2.4
			eS	57 02 21	
KLU	3 03	61	iP	56 35.38	-2.4
SGAM	3.13	81	eP	56 35.46	-3.6
TOA	3.23	50	eP	56 38.80	-1.8
KMP	3.43	64	eP	56 40.91	-2.6
TTA	3.55	324	eP	56 43.70	-1.4
COL	5.07	18	iPc	57 04.30	-2 1
	0.6s		57.33nm		5 0mb X
			eS	58 01 00	
FBA	5.07	18	eP	57 04.10	-2.3
IMA	6.04	351	eP	57 18.20	-2 0
SDN	6.82	229	eP	57 29.10	-1.9
BRW	11.41	351	eP	58 29.20	-4 9
YKA	17.68	66	eP	59 52.20	-3.0
JCT	45.17	107	iP	04 02.00	-2.8
	0.9s		7.98nm		4.6mb
49 obs. ossocioted					

& JUN 29, 1985 22h 19m 05.80s
62.275 N 149.630 W
DEPTH = 57.9km
CENTRAL ALASKA (1)
<AGS-P>.

MSE	0.54	144	iP	19 17.72	-0.5
			iS	19 27.14	
GHO	0.60	146	iP	19 18.55	-0.4
			eS	19 28.13	
PWA	0.64	191	iP	19 18.61	-0.6
			eS	19 28.24	
PME	0.71	156	iP	19 19.52	-0.6
			eS	19 30.92	
SML	0.77	127	iP	19 20.41	-0.6
SKT	0.94	253	iP	19 22.46	-0.7
			eS	19 35.75	
SUA	0.97	213	iP	19 23.30	-0.3
KNK	1.03	147	iP	19 23 96	-0.4
			eS	19 38.41	
PMS	1.03	178	iP	19 23.81	-0.6
			eS	19 37.78	
SCM	1.17	111	eP	19 26.24	-0.1
			eS	19 44.11	
CFI	1.41	140	iP	19 29.53	0.0
PTE	1.45	168	eP	19 29.67	-0.3
			eS	19 49.30	
CGLM	1.49	230	eP	19 30.25	-0.5
			eS	19 47.61	
PWL	1.55	156	eP	19 30.78	-0.7
			eS	19 50.35	
CRP	1.57	231	eP	19 32.26	0.4
			eS	19 51.51	
SPU	1.59	228	eP	19 31.57	-0.5
TOA	1 63	94	eP	19 33.92	1.3
TTV	1.71	135	eP	19 34.69	0.9
SLKM	1.80	189	eP	19 34.69	-0.3
MPA	1.80	176	eP	19 34.86	0.0
GLI	1.85	138	eP	19 35.71	0.0
VZW	1.91	128	eP	19 36.61	0.1
			eS	19 59.22	
KLU	1.92	112	eP	19 36.57	-0.2
VLZ	1.95	125	eP	19 36.45	-0.5
FID	2.15	134	eP	19 38.90	-1.0
RDT	2.17	219	eP	19 39.66	-0.5
SEW	2.18	178	eP	19 41.00	0.7
TSIM	2.30	115	eP	19 41.16	-0.9
KMP	2.31	107	iP	19 41.89	-0.3
HIN	2.41	140	eP	19 43.02	-0.6
BMRM	2.75	116	eP	19 50.06	1.6
CSG	2.81	123	eP	19 52.36	3.2
GLB	2.88	104	eP	19 51.35	1.0
RAGM	3.05	126	eP	19 57.34	4.7
34 obs. ossocioted					

• JUN 29, 1985 23h 38m 42.77± 0.55s
16.378 S ±12.5km 173.614 W ± 9.6km
DEPTH = 33.0km (normol)
4.6mb (2 obs.)
TONGA ISLANDS (173)

AFI	3.03	36	P	39 29 00	-0 6
			S	40 00.00	
NUE	4.42	128	iP	39 49.00	-0.3
			S	40 33.00	
SGE	8.19	260	eP	40 51.10	8 7X
NOU	19.71	249	iPc	43 12.80	0.3
KOU	21.37	255	iPc	43 38.20	8 6X
CAN	38.28	233	eP	46 02.90	0 9
WAM	38.67	232	eP	46 05 10	-0.1
CMS	39.76	240	eP	46 14 00	-0.3
WB2	49.41	258	eP	47 31.20	-0.6
WRA	49.42	258	P	47 34.00	2.1
	0.5s		1.80nm		4.4mb
ASPA	49.62	253	eP	47 32.00	-1.4
WBN	56.17	249	eP	48 20.00	-2.0
ALQ	81.58	50	e(P)	51 00.00	0.8
COL	83.39	11	eP	51 07.00	-0.6
	0.9s		7.56nm		4.8mb
NAI	145.23	243	ePKP	58 24.00	4.0X
	1.0s		30.00nm		
SPC	145.38	344	e(PKP)	58 13.00	-6.1X
			e	58 36.90	
PRU	145.83	351	PKP	58 20.50	0.9
MEM	145.85	0	PKP	58 20.40	0.8
WLF	146.80	0	PKP	58 23.80	2.7X
FLN	147.22	8	ePKP	58 24.10	2.2X
	0.8s		6.70nm		
GRR	147.53	9	ePKP	58 25.40	3.6X
	0.9s		6.30nm		
LPF	147.85	9	ePKP	58 26.30	3.4X
	1.0s		20.30nm		
COF	148.05	359	ePKP	58 26.90	3.5X
HAU	148.46	0	ePKP	58 28.00	4.0X
	0.7s		6.30nm		
BSF	148.63	359	ePKP	58 28.30	3.9X
LOR	149.13	3	iPKPc	58 29.90	4.9X
	0.7s		3.80nm		
SSF	149.31	4	iPKPc	58 30.50	5.2X
	0.8s		10.30nm		
LBF	149.42	3	iPKPc	58 30.60	5.1X
	0.6s		2.60nm		
AVF	149.57	4	ePKP	58 30.70	5.0X
	0.8s		2.80nm		
SMF	149.75	3	ePKP	58 31.20	5.2X
	0.8s		2.70nm		
BGF	149.77	5	ePKP	58 31.30	5.3X
	0.8s		5.10nm		
LSF	149.94	7	iPKPc	58 31.50	5.2X
	0.8s		4.50nm		
TCF	149.98	6	iPKPc	58 31.70	5.4X
	0.8s		2.50nm		
MZF	150.08	5	ePKP	58 32.10	5.6X
	0.9s		3.80nm		
LPG	150.97	359	ePKP	58 35.30	7.1X
	0.7s		2.10nm		
LFF	151.14	8	ePKP	58 34.40	6.3X
CAF	151.31	6	ePKP	58 35.00	6.6X
LPO	151.44	8	ePKP	58 35.10	6.6X
CDR	152.79	1	ePKPc	58 38.70	8.2X
S.D. = 1.2 on 14 of 39 obs.					

• JUN 30, 1985 01h 10m 50.11± 2.13s
66.041 N ±25.9km 150.308 W ±12.0km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.1 (PMR).

IMA	1.38	273	eP	11 15.40	0.0
COL	1.55	136	iP	11 18.70	0.9
			eS	11 38.00	
FBA	1.55	136	eP	11 17.10	-0.7
TTA	3.98	221	eP	11 52.60	0.1
TOA	4.35	153	eP	11 57.60	-0.2
INK	6.91	63	eP	12 47.00	13.2X
S.D. = 0.8 on 5 of 6 obs					

? JUN 30, 1985 01h 58m 04.12± 4.27s
31.315 S ±29.3km 68.447 W ±28.2km
DEPTH = 110.2 ± 33.4 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.02	233	iPd	58 19.60	-0.2
			S	58 30.50	
CFA	0.34	149	iPd	58 20.50	0.2
			S	58 32.50	
RTCB	0.35	240	iPd	58 20.60	0.2
			S	58 33.20	
RTCV	0.55	188	iPd	58 21.50	-0.1
			S	58 34.00	
MDZ	1.60	192	eP	58 32.60	0.0
TCA	3.30	91	iPc	58 55.00	0.0
			S	59 32.50	
S D. = 0.2 on 6 of 6 obs					

30d 02h

JUN 30, 1985 02h 39m 02.79± 0.08s
49 861 N ± 2.2km 78.696 E ± 1 7km
DEPTH = 0.0km (geophysicist)
6 0mb (124 obs.) 4.2Msz (3 obs)
EASTERN KAZAKH SSR (329)
Underground nucleor explosion
(Dept. of Energy press releose
N85-028)

WMQ	8 63 131	iPc	41 11.30	-0.6	
		S	42 50.00		
		Lg	43 38.50		
		e	43 49.00		
GTA	18.24 117	iPd	43 18.50	-0.6	
MHI	19.43 233	iPd	43 31.00	-2.6	
	1.0s 300.00nm			5.5mb	
		eS	47 27.00		
NDI	21.18 184	iPc	43 51.00	-1.0	
	0.6s 386.67nm			5.9mb	
		iPP	44 06.80		
		iS	47 25.50		
KHI	21.55 231	iP+	43 56.30	0.4	
QUE	21.56 209	iPc	43 55.00	-1.1	
LSA	22.24 150	Pc	44 03.00	-0.1	
KKN	22.61 165	iPc	44 06.70	0.1	
DMN	22.76 165	iPc	44 08.50	0.4	
LZH	22.84 118	iPc	44 09.00	0.2	
	1.5s 614.00nm			5.9mb	
PKI	22.85 164	iPc	44 09.30	0.3	
BTO	23.77 101	iPc	44 18.50	0.8	
HHC	24 62 99	Pc	44 26.20	0.2	
TAB	25.90 255	eP	44 40.00	1.8	
CD2	26 68 126	iPc	44 46.00	0.7	
TIY	26 98 104	eP	44 48.00	0.0	
XAN	27.24 114	iPc	44 50.20	-0.2	
KER	27 84 248	eP	44 58.00	2 1	
BJI	28 02 96	P+	44 57.50	0.2	
		eLg	53 58.00		
SHI	28.26 234	eP	45 00.00	0.2	
MSL	28.94 256	eP	45 06.00	0.4	
KJF	30.26 318	iPc	45 15.80	-1.4	
	0 6s 625.80nm			6.6mb	
TIA	30.86 102	Pc	45 23.20	0.4	
		PcP	48 18.60		
SUF	30.91 315	iPc	45 22.30	-0.7	
	0.7s 280.70nm			6.3mb	
KMI	30.95 134	iPc	45 23.00	-0.9	
SOD	31.03 324	iP	45 22.50	-1.4	
KEV	31.32 328	iPc	45 25.10	-1.3	
	0.7s 160.20nm			6.1mb	
NUR	31.73 310	iPc	45 29.00	-1.2	
	0.7s 372.40nm			6.4mb	
Z	18s 0.20um			3.8Msz	
		LR	58 40.00		
SNY	31.87 87	iPc	45 30.80	-0.8	
CN2	32.13 83	iPc	45 33.10	-0.7	
		iPcP	48 21.60		
		eS	50 45.00		
DL2	32.16 93	P	45 34.20	0.1	
HYB	32.36 180	iPc	45 35.00	-1.1	
	0.8s 157.10nm			6.0mb	
		ePcP	48 22 00		
PTB	32 85 254	iPd	45 42.00	1.9	
		i	48 25.50		
WHN	32.95 112	P	45 40.60	-0.4	
		PcP	48 24.50		
PPE	33.81 284	iPd	45 48.00	-0.4	
CLI	33.88 285	iPc	45 50.00	1.0	
TRO	34.09 327	iP+	45 50.50	0.0	
MDJ	34.40 79	iPc	45 52.90	-0.6	
NJ2	34.65 106	Pc	45 56.00	0.2	
		PcP	48 29.30		
CVO	34.88 284	iPc	45 58.00	0.3	
		e	07 35.00		
GPA	34.94 273	iP	45 58.00	-0.2	
CHG	34.96 145	iPc	45 59.00	0.4	
	0.6s 107.67nm			5.9mb	
		iPcP	48 30.80		
HRT	35.07 274	iP	45 59.60	0.2	
HNM	35.16 287	eP	46 01.00	0.8	
MLR	35.18 284	iPc	46 01.00	0 7	
UPP	35.30 310	iPc	46 00.10	-0.9	
ISK	35.33 275	iP	46 01.60	0.1	
CMP	35.85 284	ePd	46 14.00	8.1X	
CSS	36.07 263	eP	46 08.50	0.6	
GBA	36.17 182	P	46 07.80	-1.0	
JMB	36.21 279	iP	46 10.00	1.1	
VLR	36.28 287	iPc	46 10.00	0.4	
BCK	36.33 269	iP	46 09.60	-0.6	
DST	36.39 273	iPc	46 10.80	0.2	
EDC	36.48 275	iP	46 12.20	0.9	
MFT	36.63 276	iP	46 16.10	3.5X	
SSE	36.76 104	eP	46 14.00	0.3	
PVL	36.77 281	iPc	46 14.00	0.4	
KGT	36.79 275	iP	46 14.60	0.8	
DEV	36.90 286	ePd	46 16.00	1.3	
DIM	37.06 279	iPd	46 17 00	0.9	
SPC	37.11 292	iPc	46 17.80	1.1	
		i	47 29.50		
HFS	37.17 311	iPc	46 16.00	-0.8	
	0.5s 1863.70nm			7.1mb X	
Z	16s 0.54um			4.4MszX	
		LR	01 17.00		
KDZ	37.42 278	iPc	46 19.00	-0.1	
PLD	37.59 279	eP	46 22.00	1.4	
EZN	37.76 275	eP	46 24.70	2.7X	
IZM	37.95 273	iP	46 23.00	-0.7	
YER	38.02 270	iP	46 24.20	-0.1	
GZH	38.05 122	iPc	46 25.00	0.5	
PRK	38.11 274	iPc	46 25.50	0.5	
NB2	38.13 313	P	46 24.00	-1.0	
	0.6s 1164 50nm			6.8mb	
NST	38.28 145	iPc	46 27.40	0.8	
VTS	38.30 281	iPc	46 27.00	0.5	
MMB	38.48 279	iPc	46 27.00	-1.1	
KHT	38.56 148	ePc	46 29.50	0.6	
		ePcP	48 41.20		
KSP	38.77 296	iPc	46 30.80	0.4	
	0.9s 316.00nm			6.0mb	
		e	59 32.00		
SRO	38.86 291	iPc	46 32.60	1.5	
		i(PP)	48 02.80		
MCO	38.94 123	iP	46 33.00	0.9	
COP	39.12 305	iPd	46 32.60	-0.6	
KOND	39.29 311	iP+	46 34.30	-0 3	
VAY	39.36 280	iPc	46 36.20	0.8	
		i	46 39.50		
ZST	39.42 292	iPc	46 37.10	1.3	
		i(PP)	48 05.70		
KOD	39.52 182	iP	46 36.80	-0.5	
QIZ	39.55 130	iPc	46 37.80	0.6	
QZH	39.60 114	iPd	46 37.50	-0.1	
PCT	39.67 144	iPd	46 40.00	1.9	
	0.8s 47.20nm			5.2mb	
		ePcP	48 46.20		
SKO	39.74 281	iP	46 39.20	0.6	
VKA	39.86 293	iPc	46 40.70	1.3	
	0.8s 145.50nm			5.7mb	
SOP	39.97 292	iPc	46 41 60	1.2	
	1.0s 297.90nm			5.9mb	
BRG	40.12 297	iPc	46 41.50	-0.1	
	1 0s 180.00nm			5.7mb	
		i	47 38.50		
PRU	40 15 296	iPc	46 42.50	0.7	
	1.0s 141.60nm			5 6mb	
Z	14s 1.10um			4.9MszX	
N	14s 0.30um				
E	14s 0.90um				
		e	48 15.70		
KZN	40.42 279	iPc	46 44.50	0.2	
HYA	40.44 315	iP+	46 43.50	-0.5	
CLL	40.48 298	iPc	46 44.30	-0.2	
	1.0s 360.00nm			6.0mb	
ATH	40.48 274	eP	46 45.00	0.3	
ODD	40.60 313	iP+	46 45.50	0.0	
OHR	40.60 280	eP	46 45.80	0.1	
NPS	40.87 270	iPc	46 47.10	-0.8	
ASK	41.12 314	iP	46 50.00	0.4	
SUE	41.13 315	iP	46 49.30	-0.4	
WET	41.49 295	iPc	46 53.50	0.6	
	1.0s 267.00nm			5.9mb	
HOF	41.55 297	iPc	46 53.50	0.2	
	0.9s 333.00nm			6.1mb	
MOX	41.55 298	iPc	46 54.00	0.7	
	0.8s 363.00nm			6.2mb	
		iPP	48 31.00		
		eLQ	01 05.00		
SHK	41.90 90	iPd	46 56.00	-0.3	
		eS	48 51.00		
LJU	41.97 290	iPc	46 57.10	0.3	
		ePP	48 30.40		
BHG	42.16 293	iPc	46 59.40	1.1	
	1.0s 329.00nm			6.0mb	
KBA	42.19 292	iPc	46 59.30	0.5	
	0.6s 90.30nm			5.7mb	
		i	47 01.30		
GRF	42.21 297	iPc	46 59.80	1.1	
	1.0s 298.00nm			6.0mb	
Z	18s 0.30um			4.2Msz	
VOY	42.37 291	iPc	46 59.40	-0.8	
		ePP	48 35.80		
VLS	42.38 277	iPc	46 59.00	-1 3	
TRI	42.61 290	iPc	47 01.50	-0 5	
		e	48 41.00		
FUR	42.89 295	iPc	47 05.40	1.0	
	1.0s 564.00nm			6 3mb	
GAP	43.35 294	eP	47 09.00	0.9	
	0.9s 111.00nm			5.6mb	
WIT	43.36 303	iPc	47 09.10	1.1	
		ePP	48 50.50		
TNS	43.55 299	iPc	47 10.00	0.3	
WTS	43.65 302	iPc	47 11.00	0.6	
	0.8s 92.00nm			5.6mb	
		ePP	48 51.00		
DAG	43.74 341	iPd	47 09.90	-1.0	
	0.5s 359.15nm			6.4mb	
		i	48 56.00		
STU	43.81 296	iPc	47 11.70	-0.1	
	1.0s 240.00nm			6.0mb	
BNS	43.92 300	iPc	47 13.10	0.5	
	1.0s 170.00nm			5.8mb	
MAT	44.25 84	iPc	47 13.30	-2.2	
OSS	44.29 293	eP+	47 16.40	0.5	
BUH	44.42 297	iPc	47 16.60	-0.2	
GSH	44.48 300	ePd	47 17.70	0.5	
SAX	44.48 295	eP+	47 17.90	0.3	
DBN	44.50 302	eP+	47 18.00	0.7	
Z	12s 2.50um			5 4MszX	
GWF	44.62 297	iPc	47 18.00	-0.4	
ENN	44.72 300	iPc	47 19.30	0.2	
	1.0s 144.00nm			5.8mb	
		ePP	49 00.50		
SLE	44.72 296	eP+	47 19.10	-0.1	
MEM	44.74 300	Pc	47 19.20	-0.1	
		e	49 03.80		
VDL	44.79 294	eP+	47 20.20	0.2	
LLS	44.87 294	eP+	47 20.50	-0.2	
ZUL	44.92 295	eP+	47 20.90	0.0	
CDF	45.10 297	iPc	47 22.00	-0.3	
	1.0s 97.60nm			5.7mb	
WLF	45.12 299	iPc	47 22.60	0.3	
		e	49 04.70		
FIR	45.14 289	iPc	47 23.00	0.5	
DDR	45.21 84	eP	47 22.50	-0.8	
TMA	45.34 293	eP+	47 23.50	-0.9	
SRY	45.50 84	eP	47 24.40	-1.1	
UCC	45.57 301	iP+	47 26.00	0.1	
		e	49 10.00		
OYM	45.59 85	eP	47 24.90	-1.4	
TSK	45.67 83	eP	47 25.20	-1.7	
BSF	45.67 296	iPc	47 26.40	-0.5	
	0.9s 171.40nm			6.0mb	
DOU	45.79 300	Pc	47 27.50	-0.1	
	0.8s 136.70nm			6.0mb	
Z	12s 0.60um			4.8MszX	
		PcP	49 05.50		
		e	53 50.50		
HAU	45.84 297	iPc	47 27.80	-0.3	
	0.9s 158.60nm			6.0mb	
MMK	45.91 294	eP+	47 28.30	-0.6	
DIX	46.22 294	eP+	47 31.20	-0.2	
SNG	46.34 149	eP	47 32.00	-0.3	
ALE	46.42 353	iPc	47 32.20	0.0	
	0.5s 43.00nm			5.8mb	
EMS	46.51 294	eP+	47 33.20	-0.4	
EDU	46.65 311	iPc	47 33.70	-0.7	
	0.8s 41.20nm			5.6mb	
ESY	46.76 310	iPc	47 34.30	-0.9	
	0.8s 275.00nm			6.4mb	
LPG	46.92 294	iPc	47 37.20	0.2	
	0.7s 396.20nm			6.6mb	
ELO	47.03 311	iPc	47 36.40	-1.0	
	0.8s 295.00nm			6.5mb	
EBH	47.04 311	iPc	47 36.50	-0.9	
	0.7s 181.00nm			6.3mb	
EDI	47.04 310	iPc	47 36.50	-0.9	
	0.7s 95.00nm			6.0mb	
EBL	47.04 310	iPc	47 36.80	-0.6	
	0.6s 126.00nm			6 2mb	
EAU	47.21 310	iPc	47 38.00	-0.8	
	0.7s 239.00nm			6.4mb	

30d 02h

CVF	47.26	289	iPc	47	39.20	-0.2		0.8s	193.28nm		6.3mb	JOZ	87.39	220	iPd	51	54.70	1.9
	0 8s	84.60nm			5.9mb	FBA	60.04	21	eP	49	12.60	-0.7	1.0s	44.00nm			5.7mb
EKA	47.31	310	Pc	47	38.80	-0.8	ADK	60.20	44	eP	49	14.00	-0.5	BDW	87.46	6	P	51	53.40	-0.1
	0.8s	171.20nm			6.2mb	NAI	62.30	229	iPc	49	31.50	2.1	0.8s	12.55nm			5.2mb		
ESK	47.34	310	ePc	47	38.80	-1.0		0.8s	63.43nm		5.9mb	FHC	87.54	17	ePc	51	55.10	1.5	
	1.0s	280.00nm			6.3mb	PMR	62.50	24	eP	49	28.40	-1.5	WDC	88.02	16	ePc	51	56.20	0.3
EAB	47.47	311	iPc	47	39.80	-1.0	DWY	62.57	18	P	49	28.90	-1.5	MUN	88.02	149	iPc	51	55.20	-0.5
	0.8s	89.00nm			5.9mb					S	51	51.90		ASPA	88.03	131	iPc	51	56.10	0.1
LOR	47.66	297	iPc	47	41.30	-1.2	AVE	63.04	290	iPc	49	32.50	-1.4		0.7s	206.00nm			6.6mb	
	0.6s	61.20nm			5.9mb					i	49	52.00		KLB	88.20	147	eP	51	56.00	-0.6
L8F	47.75	297	iPc	47	41.80	-1.4	FRB	63.85	344	iPc	49	37.40	-1.3	MIN	88 41	15	iPc	51	58.20	0 2
	0.6s	35.20nm			5.7mb			0.8s	219.00nm		6.4mb	KLG	88.81	144	iPc	51	59.30	-0.3	
SSF	47.98	297	iPc	47	43.80	-1.1	TRT	64.49	142	iPc	49	42.60	-0.9		0.4s	17.00nm			5.6mb	
	1.0s	125.00nm			6.0mb			0.6s	139.10nm		6.4mb	GAS	88.89	16	P	52	01.40	1 1	
SMF	48.01	297	iPc	47	44.30	-0.9	KDC	64.79	28	eP	49	44.20	-0.7	BMN	89.00	12	iP	52	02 00	1.2
	0.6s	27.00nm			5.6mb	YKA	67.50	7	eP	50	01.60	-0.6		1.0s	58.75nm			5.8mb	
FRF	48.05	292	iPc	47	45.00	-0.6	RSNT	67.51	7	P	50	01.60	-0.6	ORV	89.20	15	iPc	52	01.60	0 0
	0.7s	172.20nm			6.3mb	YKC	67.52	7	iPc	50	01.50	-0.8	BFS	89.23	225	iPd	52	00.40	-1 4
AVF	48.21	297	iPc	47	45.90	-0.9		0.6s	331.00nm		6.7mb			1.0s	54.00nm			5.7mb	
	1.0s	406.20nm			6.5mb	BNG	67.68	249	iPc	50	02.80	-1.2	NWAO	89.24	148	eP	52	01.00	-0 5
LMR	48.26	291	iPc	47	46.70	-0.5		0.6s	426.00nm		6.9mb			0.6s	33.00nm			5.7mb	
	0.9s	108.10nm			6.0mb					i	50	32.50		DUG	89.75	9	P	52	05.50	1.1
ARO	48.28	230	iP+	47	48.20	0.5				i	53	15.70		NA2	89.95	342	P	52	04.90	-0.2
LRG	48.28	292	iPc	47	47.00	-0.3	SIT	69.79	19	eP	50	17.10	0.7	EUR	90.10	11	iP	52	07.00	0.9
	0.8s	101.70nm			6.0mb	SCH	71.76	340	ePd	50	26.90	-1.5	SWZ	90.14	226	iPd	52	05.00	-1.1
CDR	48.51	292	iPc	47	48.70	-0.5		0.8s	148.00nm		6.2mb			1.1s	50.63nm			5.7mb	
			i	48	03.60		AVY	73.76	210	iPd	50	40.00	-0.7	RKG	90.20	149	iPd	52	08.70	2.7X
			i	48	49.40		STJ	74.28	328	eP	50	42.60	-0.6	WIN	90.36	234	eP	52	07.00	-0.3
			i	49	14.90		JAY	74.32	114	eP	50	43.60	-0.4		0.7s	44.52nm			5.8mb	
			i	49	40.70		FFC	75.79	0	iPc	50	51.40	-0.4	BRK	90.70	16	eP	52	09.50	0.9
AKU	48.53	327	iPc	47	50.10	1.2		0.8s	321.00nm		6.5mb	GLD	90.70	3	iP	52	10.00	1 2	
	0.8s	173.13nm			6.2mb	EDM	76.79	7	iPc	50	57.80	0.3		1.2s	62.63nm			5.8mb	
BGF	48.63	297	iPc	47	49.20	-0.8		0.7s	288.00nm		6.5mb	BKS	90.70	16	iPc	52	09.80	1.2	
	0.8s	73.40nm			5.8mb	PHC	77.35	17	ePc	51	00.50	-0.1		0.8s	109.00nm			6.2mb	
IPM	48.91	150	iPc	47	52.80	0.3	MTD	78.28	226	iPc	51	06.00	-0.2	GOL	90.75	3	iP	52	09.50	0.4
	0.8s	349.60nm			6.4mb	KNA	78.79	131	iPc	51	09.00	0.1		0.8s	41.07nm			5.8mb	
			i	49	16.60		0.5s	93.00nm		6.1mb	MNA	90.83	13	iPc	52	10.40	1.0	
MZF	48 97	297	iPc	47	52.20	-0.4	NAU	79.14	146	iPc	51	11.20	0.6	JAS1	90.97	15	iPc	52	10.80	0.9
	0.8s	125.90nm			6.0mb		0.5s	63.00nm		5.9mb	PCC	91.04	17	ePc	52	10.90	0.8		
MAN	49.13	120	iPc	47	55.50	1.4	KRI	79.24	227	iPc	51	10.00	-1.6	NAV	91.32	344	P	52	11.30	-0.2
TCF	49.15	297	iPc	47	53.30	-0.7	RSON	79.45	355	iP	51	11.50	-0.6	MHC	91.33	16	ePc	52	12.60	0.9
	0.9s	85.70nm			5.8mb		0.8s	84.51nm		5.8mb	ARN	91.34	16	P	52	13.00	1.4		
TSI	49.17	153	ePd	47	53.50	-0.9	MBL	79.55	141	eP	51	12.00	-0.9	BLA	91.36	343	eP	52	11.40	-0.3
LDF	49.20	301	iPc	47	53.80	-0.5	SES	79.78	6	iPc	51	13.40	-0.5		1.2s	70.31nm			5.9mb	
	0.6s	119 70nm			6.1mb		0.6s	235.00nm		6.3mb	SLD	91.66	16	P	52	14.40	1 3		
FLN	49.31	301	iPc	47	54.40	-0.8	PNT	79.96	12	iPc	51	15.20	0.3	Pv09	91.75	6	P	52	14.80	1.0
	0.6s	190.20nm			6.3mb		0.8s	138.00nm		5.9mb	FRI	92.00	15	iPc	52	15.50	0 9		
LSF	49.56	297	iPc	47	55.90	-1.3	PGC	80.03	15	eP	51	16.00	0.8	FVM	92.01	351	iP	52	14.80	0 2
	0.9s	53.50nm			5.5mb		0.8s	67.00nm		5.6mb			1.0s	68.00nm			5.9mb		
GRR	49.72	301	iPc	47	57.40	-1.0	HNME	80.09	337	iP	51	16.00	0.4	LLA	92.16	16	ePc	52	16.60	1.2
	0.6s	84.50nm			5.9mb	MCW	80.11	14	P	51	16.40	0.7	PRN	92.26	11	P	52	16.70	0.7
CAF	50.00	296	iPc	48	00.50	-0.1	YKM	80.88	10	eP	51	19.90	-0.1	PRS	92.36	16	eP	52	17 40	1 1
	0 9s	95.90nm			5.7mb	RXF	80 94	9	iPc	51	19.90	-0 3	PRI	92.67	16	ePc	52	19.20	1.4
LFF	50.02	300	iPc	47	59.70	-1.0	KIC	80.94	269	iPc	51	20.80	0.2	YMT3	92.70	12	P	52	18.70	0.8
	0.6s	126.80nm			6.0mb	NEW	81.31	11	P	51	22.00	-0.1	RMU	93 02	8	eP	52	19.00	-0 5
RJF	50.10	296	iPc	48	01.00	-0.3		0.9s	59.66nm		5.7mb	VPEM	93.32	13	P	52	21.90	1 0	
	0 8s	80.50nm			5.7mb	LDM	81.33	9	eP	51	22.00	-0.2	CLC	93.48	13	eP	52	22.00	0 5
MFF	50.32	298	iPc	48	02.30	-0.7	LHD	81.49	10	eP	51	23.30	0.2	ISA	93.50	14	eP	52	21.00	-0.6
	0.6s	85.90nm			5.9mb	LHC	81.56	352	iPc	51	23.10	-0.2	RSCP	93.78	347	iP	52	22.10	-0.7
LPO	50 65	296	iPc	48	05.40	-0.1		0.8s	161.00nm		6.2mb			0.8s	99.29nm			6.2mb	
	0.7s	184.30nm			6.1mb	CLX	81.59	9	iPc	51	23.70	-0.1	ACO	93.79	358	eP	52	23.40	0 5
REY	50.74	326	iPc	48	06.70	0.8	MNT	82.02	341	iPc	51	25.80	0.1		1.0s	12.60nm			5.2mb	
LFF	50.76	296	iPc	48	06.20	-0.1		0.9s	73.00nm		5.8mb	GSC	94.10	13	eP	52	25.00	0.6	
	0 9s	134.30nm			5.9mb	OTT	82.55	342	iPc	51	28.60	0.1	RLO	94.17	355	iPc	52	24.60	0.0
KGM	52.08	148	iPc	48	17.10	0.5		0.6s	88.00nm		6.1mb	SYP	94.36	15	eP	52	27.00	1.3	
	0 8s	289.70nm			6.3mb	BUL	82.58	227	iPc	51	29.00	-0.1	TUL	94.46	356	iPc	52	26.20	0 3
EPF	52.11	294	iPc	48	15.40	-1.3		0.8s	48.88nm		5.7mb			1.2s	153.60nm			6.3mb	
	0.8s	141.60nm			5.9mb	RSNY	83.12	341	iP	51	32.30	0.8		Z 18s	0.15um			4.5Msz	
VAL	52.69	309	iP	48	19.80	-1.0		0.8s	246.48nm		6.5mb	SBB	94.56	14	eP	52	27.00	0.5	
BRW	52.90	19	P	48	22.00	-0.1	SKLY	83.63	341	P	51	34.50	0.5	SIO	94.65	356	ePc	52	27.10	0.3
MBC	53.64	5	iP	48	27.00	-0.5	PMG	83.65	113	iPc	51	35.00	0.5	PRM	94.75	344	iP	52	27.20	-0 1
	0.5s	75.00nm			5.9mb		0.9s	134.45nm		6.2mb			0.6s	6.10nm			5.2mb		
SMY	55.38	47	eP	48	39.00	-1.6	MEK	83.96	145	iPc	51	35.00	-0.9	OCO	94.92	357	ePc	52	28.70	0.6
GDH	56.13	341	iPc	48	44.50	-1.3		0.7s	79.00nm		6.1mb	MWC	94.97	14	eP	52	29.00	0.4	
	0.8s	164.18nm			6.1mb	LRM	84.21	8	eP	51	37.50	0.1	RRO	95.01	358	ePc	52	28.90	0.4
CGP	56.21	121	iPc	48	45.00	-2.0	WRA	85.12	129	Pc	51	41.40	-0.4		1.3s	176.80nm			6.3mb	
	1.0s	70.70nm			5.6mb		0.6s	114.80nm		6.3mb	PAS	95.03	14	eP	52	29.00	0.4		
TOL	56.65	294	iPc	48	49.00	-0.9	WB2	85.12	129	iPc	51	41.70	-0.1	RVR	95.30	13	eP	52	30.00	0.1
	1.0s	9.00nm			4.8mb X	MRWA	85.42	148	iPc	51	42.80	-0.3	TPC	95.38	12	eP	52	31.00	0 7
		ePP		50	52.00		0.4s	14.00nm		5.5mb	ALQ	95.44	4	eP	52	32.00	1.3		
STS	57.33	299	eP	48	54.30	-0.4	LDN	85 82	345	P	51	45.50	0 4		0.9s	16 81nm			5.5mb	
IMA	57.67	22	eP	48	56.20	-0.8	ALOA	86.29	111	eP	51	48.00	0 3	PLM	96.01	13	eP	52	34.00	0 7
TAF	58.97	288	iP	49	06.00	-0.3	RSSD	86.37	2	iP	51	48.80	0.7	GLA	96.58	11	eP	52	36.00	0.2
TTA	59.55	26	eP	49	09.40	-0.6		0.8s	183.10nm		6.3mb	BAR	96.70	13	eP	52	37.00	0.7	
INK	59.74	13	iPc	49	10.10	-1.1	WBN	86.78	138	eP	51	50 00	0.1	STK	98.62	130	iPd	52	43.60	-0.9
	0.4s	139.00nm			6.4mb	BAL	86.94	148	eP	51	50.00	-0 5	JCT	100.01	359	iPdiff	52	51.90	0.8
COL	60.04	21	iPc	49	12.70	-0.6	LMHM	87.20	15	P	51	52.80	0.5		1.0s	19.00nm			5.6mb	

30d 02h

```
BRS    101.01 119 Pdiff 52 55.50  -0.1
LTX    101.13   2 iPdiff52 57 00   0 8
        0.9s      7.01nm          5 3mb
ITR    114 02 286 e(PKP)57 44.00  -1.7
SOB1   115.89 287 ePKP  57 49 60   0.3
        0.5s      3.60nm
MAW    117.74 187 ePKP  57 51.00  -0.1
ATB    117 82 301 PKPc  57 52.70  -0 2
PSO    125 13 330 ePKP  58 09 50   2 0
DRV    125 13 155 e(PKP)58 03.70  -1 6
BAO    125 22 289 iPKPd 58 07.20   0 0
BMA    128.07 280 ePKP  58 13.20   0.8
ITA    128 19 281 ePKP  58 13.80   0 8
                  e     58 15.40
                  e     58 19.10
TPT    128 89  64 iPKP  58 15.30   1.3
        0.8s     20.00nm
PPT    129 76  68 iPKP  58 16.60   0.9
        0.8s     75.00nm
PAE    129 83  68 iPkP  58 16.00   0.2
        0 8s     55.00nm
VAC    130 08 282 ePKP  58 15.90  -0.4
                  i     58 17.00
                  e     58 30.70
                  e     00 28.00
TVC    130.12  68 iPKP  58 17.80   1.4
        0 8s     5.00nm
ZOBO   137.10 309 ePKPd 58 19.70 -10.7X
LPB    137 31 309 ePKPc 58 26.00  -4.6X
                  i     58 30.00
CNCB   137.48 309 ePKP  58 26.00  -5.1X
                  i     58 32.00
SBA    137.76 162 ePKP  58 15.00 -14.2X
ARE    138.89 313 ePKP  58 26.00  -7 4X
SPA    139.67 180 ePKP  58 22.60 -10 5X
        1.0s     9.00nm
TPZ    141.75 306 PKP   58 30.00  -8.5X
SLA    142 60 299 ePKPc 58 36 00  -3 6X
TCA    146.98 290 ePKPd 58 47.00   0 3
MDZ    150 63 293 ePKP  58 53 70   1 4
JACH   151 51 295 ePKP  58 53.50  -0.2
PEL    151 90 295 iPKP  59 01.00   6 8X
ROCH   151 96 296 iPKP  58 54.40  -0.1
                  i     59 01.50
PCH    152 13 294 iPKP  58 55.00   0.4
LNV    152 90 295 ePKP  58 56.00   0.6
      S.D. = 0.8  on 344 of 357 obs.

?  JUN  30, 1985  02h 48m 53.28± 5.04s
   36.086 N ±16.6km   141.807 E ±41.9km
   DEPTH =  33.0km  (normal)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

CHO      0.86 246 eP     49 09.00   0.0
                 iS     49 25.80
MIT      1.12 286 P      49 13.10   0.5
                 eS     49 33.00
TSK      1.38 276 iPc    49 15.80  -0.6
TOK      1.71 257 eP     49 26.00   4.8X
                 eS     49 52.00
FKS      1.98 328 eP     49 25.00  -0.1
                 eS     49 50.00
SRY      2.11 258 eP     49 27.20   0.2
DDR      2.12 268 eP     49 26.30  -0.9
                 S      49 55.90
OYM      2.19 253 eP     49 28.30   0.2
MAT      2 94 280 iPc    49 39.40   0.6
                 eS     50 19.00
      S.D. = 0.6  on   8 of   9 obs.

%  JUN  30, 1985  03h 00m 44.92± 1.25s
   38.855 N ± 8.7km    26.992 E ±15.6km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                        (365)

IZM      0.50 155 iPg    00 55.30   0.2
                 iSg    01 03.30
EZN      1.10 332 iPg    01 04.80  -0.7
                 iSg    01 19.70
DST      1.48  59 ePn    01 10.60  -1.0
KGT      1 61   8 iPn    01 14.60   1.1
EDC      1.64  24 iPn    01 14.20   0.4
      S.D. = 1.2  on   5 of   5 obs

*  JUN  30, 1985  04h 10m 16.66± 1.31s
   18.647 N ±12.5km   100.734 W ± 9.6km
   DEPTH =  99.9 ±  9.7 km
    4.3mb (  7 obs.)
 GUERRERO, MEXICO                  ( 59)

OXM      1.18  57 iP     10 39.00  -0.8
UNM      1 62  65 eP     10 46 50   1.4
                 iS     11 20.00
TPM      1.62  78 iP     10 44.00  -1.0
LTX     10.97 346 eP     12 53 00   0.9
        1.0s      7.00nm          4.4mb
JCT     11.81   4 eP     13 03 50   0 4
        1.0s     15.00nm          4.7mb
ALO     17.01 344 eP     14 11 30   1.4
        0.9s     10.29nm          4.1mb
OCO     17 06   9 e(P)   14 11 20   0.9
SIO     17.48  12 iPd    14 15.40  -0.1
TUL     17.74  13 iPd    14 18.70   0 0
        1 0s     40.60nm          4.6mb
                 e      14 31.70
RLO     18.17  15 eP     14 22.40  -1.4
GLA     19.12 321 eP     14 33.00  -1.5
PLM     20.56 319 eP     14 52.00   2.4X
PV09    21.09 341 P      14 54.70  -0.3
FVM     21.27  23 eP     14 55.00  -1.4
RVR     21.31 319 eP     14 56.00  -0.9
GOL     21.36 350 eP     14 58.00   0.3
GSC     21.86 323 eP     15 03.00   0.5
SBB     22.05 320 eP     15 04.00  -0.3
PRM     22.47  43 P      15 08.90   0.6
CLC     22.68 322 eP     15 10.00  -0.5
YMT3    22.73 326 P      15 11.80   0.9
ISA     23.10 321 eP     15 16.00   1.5
BDW     25.19 345 eP     15 34.10  -0.6
        1.0s      8.00nm          4.1mb
                 e      15 49.50
JAS1    25.78 322 eP     15 39 50  -0.3
BMN     25.93 330 eP     15 42 50   1.1
LCCM    28 65 344 eP     16 05.80  -0.2
LRM     28.79 343 eP     16 06 50  -0 9
YKA     44.86 351 eP     18 21.40  -0.9
INK     53.73 346 eP     19 29.00  -1.2
SOB1    65.18 110 eP     20 50.10   0 4
        0.6s      2.70nm          4.4mb
NB2     83.97  27 P      22 38.70   2.0
        0.7s      1.30nm          4.0mb
WB2    128.19 259 ePKP   29 12.20  -1.4X
WRA    128.20 259 PKPd   29 10.50  -3.1X
        0.6s      1.20nm
      S.D. = 1.0  on  30 of  33 obs.

*  JUN  30, 1985  04h 20m 11.75± 1.35s
    6.564 N ±16.0km    74.308 W ±12.3km
    DEPTH = 322.7 ± 18.6 km
 NORTHERN COLOMBIA                 ( 99)

UPA      5.71 295 e(P)   21 39.00   0.1
                 e      22 51.00
CAR      8.28  61 e(P)   22 10.00   0.1
PCJ     11.46 346 iP     22 48.36  -0.1
STH     11.70 348 ePd    22 51.00  -0.5
                 eS     25 01.80
BBJ     12.10 346 eP     22 56.60   0.3
                 iS     25 08.12
SOB1    36.80 115 e(P)   26 51.00  -0.5
YKA     63.10 340 eP     30 17.40  10.0X
KIC     69.07  86 eP     30 46.20   0.5
      S.D = 0.5  on   7 of   8 obs.

?  JUN  30, 1985  07h 04m 14.09± 9.84s
   33.642 S ±15.1km    72.007 W ±85.5km
   DEPTH =  33.0km  (normal)
 OFF COAST OF CENTRAL CHILE        (134)

LNV      0.59 122 iPc    04 24.40  -1.5
                 iS     04 32.30
ROCH     1.07  52 iPd    04 33.00   0.0
                 iS     04 47.80
PEL      1.21  66 iPd    04 35.00   0.1
                 iS     04 50.60
PCH      1.25  89 iPc    04 35.00  -0.4
JACH     1.52  51 iPc    04 39.60   0.2
MDZ      2.75  75 iP     05 01.70   4.8X
RFA      3.14 112 ePc    05 04.30   1.8
TCA      6.67  72 ePc    05 51.00  -1.4
      S.D = 1.4  on   7 of   8 obs.

*  JUN  30, 1985  07h 38m 41.41± 1.17s
   35.299 S ±13.1km    67.784 W ±10.2km
   DEPTH =  33.0km  (normal)
 MENDOZA PROVINCE, ARGENTINA       (139)

RFA      0.77 313 iPc    38 53.80  -2.1
                 S      39 02.50
MDZ      2.57 340 iP     39 26.30   4.7X
                 iS     40 00.10
PCH      2.81 306 eP     39 27.60   2.5X
PEL      3.22 311 iPd    39 32.50   1 6
                 i      39 42.50
                 iS     40 19.50
LNV      3.28 293 eP     39 32.00   0.4
RTCV     3.49 349 eP     39 42 30   7.6X
JACH     3.50 317 eP     39 38.00   3.0X
CFA      3.70 354 e(P)   39 37.50  -0.2
                 S      40 45.00
ZON      3.82 348 eP     39 47.00   7.7X
RTCB     3.90 347 ePd    39 50.50  10.0X
                 S      40 39.50
RTLL     4.00 352 ePd    39 42.20   0.2
TCA      4.77  35 iPc    39 53.10   0.2
                 S      41 07.00
VBA      5.42 122 ePd    40 01.90  -0.1
      S.D. = 1.3  on   7 of  13 obs.

*  JUN  30, 1985  07h 59m 24.19± 2.35s
    7.066 S ±11.8km   129.658 E ±18.7km
    DEPTH =  92.8 ± 25.6 km
    4.9mb (  6 obs.)
 BANDA SEA                         (280)

MTN      5.92 166 eP     00 53.00   1.9
KNA      8.67 186 eP     01 29.00   0.2
WRA     13.58 161 Pd     02 33.20  -1.1
        0.2s      1.70nm          4.1mb
WB2     13.59 161 eP     02 32.70  -1.6
                 iS     04 54.50
MBL     16.93 213 eP     03 15.00  -1.7
                 eS     06 10.00
ASPA    17.00 167 eP     03 18.00   0.3
WBN     19.19 188 eP     03 44 00   0.5
                 eS     07 05.00
NAU     20.56 220 iPd    03 57.80   0.2
        0.4s     16.00nm          4.7mb
                 eS     07 38.00
CTA     20.65 130 iP     04 05.60   7.0X
        0.8s     9.33nm           4.2mb
MEK     22.13 207 eP     04 14.00   0.7
                 eS     08 17.00
MRWA    25.52 209 eP     04 46.00   0.2
                 eS     09 31.00
BAL     26.38 206 eP     04 54.00   0.4
KLB     26.81 203 eP     04 58.00   0.4
MUN     27.78 205 eP     05 06.00  -0.3
PKI     54.91 311 eP     08 48.00  -0.2
        0.6s     20.00nm          5.3mb
KKN     55.12 311 eP     08 49.60   0.0
        0.4s     22.00nm          5.5mb
DMN     55.16 311 eP     08 50.00   0.1
        0.6s     18.00nm          5.3mb
      S.D. = 1.0  on  16 of  17 obs.

*  JUN  30, 1985  08h 17m 51.12± 0.68s
   16.492 S ± 7.1km   177.980 E ±10.7km
   DEPTH =  33.0km  (normal)
   4.6mb (  2 obs.)
 FIJI ISLANDS                      (182)

YSA      0.44 242 iP     18 00.00  -0.8
SGE      1.09 183 iP     18 09.80  -0.4
NDF      1.36 202 iPd    18 14.80   0.9
VUN      1.58 163 iP     18 16.80  -0.3
NMS      1.59 174 iP     18 17.50   0.1
SVA      1.68 164 iPc    18 18.00  -0.6
                 eS     18 40.20
NGA      1.69 180 iP     18 19.40   0.6
BRS     25.72 241 P      23 24.50   4.1X
ASPA    41.88 253 eP     25 40.00  -0.2
SBA     61.64 183 e(P)   27 57.30 -10.2X
SPA     73.61 180 e(P)   29 23.00   0.1
BMN     82.55  44 eP     30 16.20   3.8X
        1.0s     2.75nm          4.3mb
COL     85.23  14 eP     30 25.00  -0.2
        0.8s     6.34nm          4.9mb
ALO     87.96  53 e(P)   30 30.00  -9.5X
SES     90.95  37 eP     30 52.00  -1.0
GRF    145.19 345 ePKP   37 28.70   1.8
```

S.D. = 0.9 on 12 of 16 obs.

? JUN 30, 1985 08h 47m 36.86± 9.31s
35.960 N ±26.8km 141.135 E ±79.4km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (I JMA) at Choshi.

CHO	0 33 225	iPd	47 44.80	-0.2	
		iS	47 48.70		
TSK	0.87 287	iPc	47 52.50	-0.2	
KYS	1.11 227	eP	47 56.40	0.3	
TOK	1.15 257	eP	48 02.00	5.3X	
		eS	48 15.00		
SRY	1.55 257	eP	48 02.30	-0.2	
DDR	1.58 272	eP	48 52.50	49.6X	
OYM	1.63 251	eP	48 52.50	48.8X	
MAT	2.44 285	iPc	48 15.50	0.3	
		eS	48 40.00		

S.D. = 0.4 on 5 of 8 obs.

? JUN 30, 1985 08h 54m 38.93±12.17s
36.018 N ±28.8km 141.250 E ±98.2km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Choshi.

CHO	0.44 229	iPd	54 48.10	-0.5	
		iS	54 52.20		
TSK	0.94 282	eP	54 55.50	-0.3	
KYS	1.21 228	eP	54 59.80	0.1	
SRY	1.66 256	eP	55 05.80	-0.3	
DDR	1.67 270	eP	55 05.50	-0.8	
OYM	1.74 251	eP	55 08.30	1.0	
MAT	2.51 283	iPd	55 19.00	0.6	
		eS	55 46.00		

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

? JUN 30, 1985 09h 00m 04.82±10.59s
35.994 N ±23.8km 141.242 E ±85.2km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Choshi.

CHO	0.42 230	iPd	00 13.80	-0.4	
		iS	00 17.70		
TSK	0.94 284	iPc	00 21.40	-0.3	
KYS	1.19 229	eP	00 25.40	0.1	
TOK	1.24 256	eP	00 26.00	0.1	
		eS	00 39.00		
SRY	1.65 257	eP	00 31.80	0.0	
DDR	1.66 271	eP	00 31.10	-1.0	
OYM	1.72 251	eP	00 33.80	0.8	
MAT	2 51 283	eP	00 45.00	0.8	
		(S)	01 13.00		

S.D = 0.7 on 8 of 8 obs.

? JUN 30, 1985 09h 08m 35.20± 2.09s
35 900 N ±21 0km 141.009 E ±16.1km
DEPTH = 33.0km (normal)
4 0mb (1 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Choshi.

CHO	0.22 218	iPd	08 41.20	-0 8	
		iS	08 45.10		
TSK	0 79 293	iPc	08 59.20	9.3X	
KYS	0 99 225	eP	08 52.80	0.0	
TOK	1.04 259	eP	08 53.00	-0.4	
		eS	09 06.00		
SRY	1 44 259	eP	08 59.40	0.2	
DDR	1 48 274	eP	08 21.40	-38.4X	
OYM	1.52 252	eP	09 01.10	0.8	
MAT	2.35 287	iPc	09 12.20	-0.2	
		(S)	09 41.00		
WB2	55.89 188	eP	18 13.70	1.6	
WRA	55.90 188	P	18 11.00	-1.1	
	0.4s	0.60nm		4.0mb	

S.D = 1.0 on 8 of 10 obs.

• JUN 30, 1985 10h 15m 48.61± 1.16s
2.117 N ±11 4km 94.517 E ±13.2km
DEPTH = 33.0km (normal)
4 4mb (3 obs.)
OFF W COAST OF NORTHERN SUMATERA(705)

BSI	3.45 13	iPd	16 40.00	-1.4	
TSI	4.27 71	e(P)	16 56.00	3.0X	
		e(S)	17 47.00		
IPM	6.94 69	iPd	17 30.70	0.0	
	0.6s 26.90nm			5.3mb X	
		i	17 37.00		
		e	18 43.10		
SNG	7.89 50	eP	17 42.50	-1.4	
KGM	8.80 90	ePc	17 56.50	0.0	
PCT	14.22 28	eP	19 11.00	1 2	
CHG	17.15 14	iPc	19 49.60	2 1	
	1.0s 22.50nm			4.3mb	
BJI	42.56 25	eP	23 57.50	14.5X	
WRA	44.80 121	Pc	24 02.00	0.5	
	0.6s 3.60nm			4.4mb	
WB2	44.81 121	eP	24 01.70	0.1	
SOD	79.66 339	iP	27 53.70	-0.4	
SLL	83.82 331	eP	28 15.30	-0.6	
	0.6s 2.20nm			4.5mb	

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

? JUN 30, 1985 12h 04m 38.87± 3.53s
31.883 S ±18.0km 68.363 W ±26.7km
DEPTH = 117.0 ± 41.7 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCV	0.15 279	iPd	04 55.50	0.0	
		S	05 06.80		
ZON	0.43 321	iPd	04 56.30	-0.1	
		eS	05 06.00		
RTCB	0.54 317	iPd	04 57.20	0.1	
		S	05 09.60		
RTLL	0.56 351	iPd	04 57.20	0.0	
MDZ	1.08 202	iP	05 01.90	0.1	
RFA	2.88 182	ePc	05 24.20	0.0	
		S	05 58.00		
TCA	3.26 81	iPd	05 29.40	0.0	
		S	06 07.00		

S.D. = 0.1 on 7 of 7 obs.

• JUN 30, 1985 14h 30m 37.53± 0.79s
41.784 N ± 7.6km 22.739 E ± 7.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

VAY	0.48 195	iPg	30 46.70	-0.6	
		iSg	30 53.30		
MMB	0.77 104	iPgc	30 53.00	0.5	
		Sg	31 04.00		
VTS	0.88 23	iPg	30 54.00	-0.5	
		iSg	31 06.00		
SKO	0.99 281	ePg	30 56.50	0.2	
		iSg	31 10.00		
OHR	1.61 246	ePn	31 06.40	0.3	
KDZ	1.96 93	iP	31 15.00	3.8X	
PVL	2.26 52	eP	31 20.00	4.6X	

S.D. = 0.7 on 5 of 7 obs.

JUN 30, 1985 14h 44m 55.49± 0.53s
45.995 N ± 5.1km 15.545 E ± 4.1km
DEPTH = 14 1 ± 3.4 km
YUGOSLAVIA (383)
ML 3.9 (GRF), 3.8 (KBA), 3.7 (VKA), 3 5 (TRI).

ZAG	0.35 120	iPg	45 01.80	-1.2	
		iSg	45 07.20		
LJU	0.71 274	iPgc	45 08.40	-0.6	
	1.9s 2000.00nm				
		iSg	45 19.20		
CEY	0.82 252	iPgc	45 10.50	-0.5	
		iSg	45 22.50		
VOY	1.15 272	iPnc	45 16.10	-0.6	
		iPg	45 17.30		
		eSn	45 32.40		
		Sg	45 34.30		
TRI	1.28 258	iPgd	45 18.50	-0.2	
		i	45 20.50		
		iSg	45 35.50		
SOP	1.83 22	eP	45 27.90	1.2	
KBA	1.87 306	ePn	45 28.00	0.6	
		iPg	45 30.80		
		iSn	45 52.30		
		iSg	45 57.00		
VKA	2.33 13	iPnd	45 34.80	0.8	
		iPg	45 41.60		
		iSn	46 03.70		
		iSg	46 14.30		
ZST	2.45 25	ePn	45 35.00	-0.5	
		iPb	45 41.90		
		iPg	45 48.50		
		iSn	46 16.00		
		iSb	46 22.60		
BHG	2.52 314	ePn	45 38.50	1 9	
SRO	2.63 45	ePn	45 37.90	-0.3	
		i(Pb)	45 47.20		
		i(Sn)	46 28 60		
		i	46 31.70		
KHC	3.41 338	Pn	45 49.50	0 2	
		Pg	46 02.00		
		Sn	46 30.50		
		Sg	46 49.50		
WET	3.63 331	ePn	45 52.50	0.1	
FUR	3.64 308	eP	46 03.30	10.8X	
OSS	3.80 282	eP	45 57.30	2.3	
PRU	4.05 351	ePn	45 58.50	0.2	
		Pg	46 12.10		
		eSn	46 45.00		
		Sg	47 05.40		
		e	47 08.50		
SAX	4.45 289	eP	46 04.60	0.3	
TMA	4.65 274	eP	46 08.50	1.5	
GRF	4.71 323	ePn	46 07.50	-0.2	
		ePg	46 24.80		
		e(Sn)	46 58.50		
		eSg	47 27.10		
HOF	4.97 332	ePn	46 10.50	-0.9	
BRG	5.00 348	ePn	46 11.00	-0.7	
	1.6s 56.00nm				
		ePg	46 29.50		
		eSn	47 06.50		
		iSg	47 35.00		
SLE	5.15 293	eP	46 12.80	-1 1	
MOX	5.34 332	ePnd	46 15.50	-1.1	
		e(Sn)	47 26.00		
BUH	5.65 301	eP	46 19.80	-1.2	
SKO	5.85 131	eP	46 25.00	1 2	
GWF	6.14 302	ePn	46 19.20	-8 7X	
OHR	6.20 140	ePn	46 28.70	0.0	
DOU	8.40 303	eP	47 05.00	5.4X	

S.D. = 1.1 on 25 of 28 obs.

• JUN 30, 1985 17h 12m 45.70± 0.55s
10.442 S ±10.7km 78.673 W ± 8.6km
DEPTH = 52.0km (2 depth phases)
5.0mb (21 obs.)
NEAR COAST OF PERU (115)

ARE	9.20 131	eP	15 13.00	14.2X	
PSO	11.63 7	eP	15 37.50	5.4X	
ZOBO	11.78 121	eP	15 33.00	-1.3	
LPB	11.93 122	Pc	15 47.00	10.9X	
		(S)	17 49.00		
		LR	18 48.00		
CNCB	12.17 123	P	15 45.00	5.6X	
BOG	15.65 17	eP	16 32.50	7.6X	
UPA	19.31 357	eP	17 11.00	1.4	
	1.0s 60.00nm			4.8mb	
SDV	20.80 23	eP	17 24.70	-0.7	
CAR	23.86 30	eP	17 56.80	1.2	
ATB	27.19 77	e(P)	18 26.70	0.1	
SOB1	37.23 92	eP	19 55.30	0.9	
		e	20 08.80		
		e	20 14.50		
ITR	39.70 91	eP	20 28.80	13.8X	
		e	20 32.90		
PRM	44.42 356	iP	20 52.90	-0.3	
JCT	45.47 334	iP	21 03.00	1.3	
	1.0s 9.00nm			4.6mb	
RSCP	46.25 352	iP	21 07.20	-0.6	
	0.8s 35.46nm			5.3mb	
BHO	47.15 342	iPc	21 16.00	1.2	
	1.0s 19.60nm			5.0mb	
TUL	48.85 341	iP	21 28.40	0.3	
	1.2s 90.30nm			5.7mb	
Z	23s 0.07um			3.6MszX	
		e	21 44.60		
RLO	48.85 342	iPc	21 28.40	0.3	
FVM	49.41 348	eP	21 31.00	-1.3	
	1.1s 24.39nm			5.1mb	
ALQ	52.25 331	ePc	21 54.60	0.4	
	1.0s 22.50nm			5.2mb	
RSNY	54.86 4	iP	22 12.40	-0.6	
	0.8s 11.27nm			4.9mb	
GLA	55.30 323	eP	22 15.00	-1.5	

30d 17h

GLD	55.69	335	eP	22 20.00	0.7
	1.1s	17.36nm		5.0mb	
GOL	55.71	335	iP	22 19.20	-0.4
	0.9s	4.17nm		4.5mb	
RMU	56.16	329	iP	22 24.00	1.3
HNME	57.15	9	eP	22 30.20	0.8
GSC	58.04	323	eP	22 36.00	0.0
MWC	58.05	322	eP	22 36.00	-0.2
SBB	58 23	322	eP	22 37.00	-0.2
RSSD	58.99	339	iP	22 42 50	-0 1
	1.1s	11.05nm		4.9mb	
ISA	59.28	323	eP	22 45.00	0.4
LHC	59 34	352	eP	22 43.00	-1.7
SYP	59.44	321	eP	22 34.00	-11.8X
BDW	60.02	334	iP	22 49.00	-0.8
	1.1s	4.94nm		4.6mb	
EUR	60.56	327	iP	22 54.00	0.5
	1.0s	11.54nm		5.0mb	
			epP	23 08.50	53km
BMN	61.91	327	eP	23 03.10	0.6
	0.8s	2.65nm		4.4mb	
			e	23 36.00	
RSON	62.43	349	iP	23 04.30	-1.3
	1.0s	25.00nm		5.3mb	
NEW	67.62	333	P	23 39.20	0.0
	1.0s	9.50nm		4.8mb	
FFC	67.83	346	eP	23 39.40	-0.9
	0.8s	8.00nm		4.8mb	
PNT	69.51	333	ePc	23 51.00	0.2
	0.9s	15.00nm		4.9mb	
EDM	69.97	339	iPc	23 52.80	-0.8
	1.0s	53.00nm		5.4mb	
FRB	74.37	5	eP	24 19.00	-0.3
KIC	75 48	81	eP	24 27.80	1.0
			e	24 43.20	
YKC	77.81	344	eP	24 38.00	-0.8
	0 7s	8.00nm		4.8mb	
YKA	77 86	344	eP	24 39.10	0.0
SPA	79 63	180	e(P)	25 03.80	14.9X
INK	87 50	342	eP	25 28.00	-0.6
COL	90 76	337	eP	25 44.00	-0.1
	1.1s	10 13nm		5.1mb	
			epP	25 59.00	51km
WRA	135.64	227	PKP	32 05.00	2.1
	0 8s	2.40nm			
BJI	147.71	338	ePKP	32 23.00	-0.5
NDI	151.03	48	ePKP	32 35.00	6.0X
	S.D. = 0.9	on	42 of	51 obs.	

* JUN 30, 1985 17h 45m 20.56± 1.55s
36.552 N ±14.6km 70.906 E ± 8.8km
DEPTH = 181.2 ± 19.4 km
4.3mb (4 obs.)
HINDU KUSH REGION (718)

QUE	7.16	209	iPc	47 05.20	1.4
			eS	48 24.00	
MHI	9.20	272	eP	47 30.00	-0.6
			eS	49 13.00	
NDI	9.48	144	iPc	47 33.60	-0.5
	0.5s	24.65nm		4.9mb X	
			eS	49 12.00	
DMN	14.97	123	eP	48 44.60	0.0
KKN	14.97	122	eP	48 44.00	-0.6
	0.5s	31.00nm		5.0mb X	
PKI	15.20	122	eP	48 47.40	-0.1
	0.7s	34.00nm		4.8mb X	
G8A	23.59	164	Pd	50 16.40	0.4
	0.7s	8.60nm		4.4mb	
HFS	42.98	322	eP	53 03.20	0.3
	0.6s	3.50nm		4.1mb	
NB2	44.29	323	P	53 13.20	-0.3
	0.6s	2.20nm		3.9mb	
BNG	57.60	249	iPd	54 52.40	-1.4
	0.5s	4.00nm		4.5mb	
YKA	81.20	3	eP	57 18.10	1.4
	S.D. = 1.0	on	11 of	11 obs.	

* JUN 30, 1985 17h 58m 50.46± 0.85s
10.634 S ±11.4km 41.054 E ±13.8km
DEPTH = 10.0km (geophysicist)
4.5mb (2 obs.)
NORTHWEST OF MADAGASCAR (574)

NAI	10.21	335	eP	01 20.00	-0.4
	1.0s	35.00nm		5.7mb X	
MTD	11.04	235	iPn	01 31.00	-0.7
			i	01 37.00	
			iSn	03 31.00	
KRI	12.70	240	iPn	01 54.00	-0.2
			eSn	04 12.00	
BUL	15.26	230	iPnd	02 28.60	0 7
SWZ	22.15	220	eP	03 55.00	6.7X
GBA	43.39	57	Pc	06 54.50	-0.7
	0.7s	6.00nm		4.5mb	
NUR	72.10	352	eP	10 17 00	0 3
SUF	74 04	353	eP	10 28 00	0 1
	0.6s	2.80nm		4.5mb	
KJF	75 30	354	eP	10 36.00	0.8
	S.D = 0 7	on	8 of	9 obs.	

? JUN 30, 1985 18h 26m 17.24± 7.84s
31.171 S ±44.6km 68.702 W ±52.9km
DEPTH = 118.5 ± 56.9 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.25	129	iPd	26 34.30	-0.1
			S	26 46.00	
RTCB	0.33	195	iPd	26 34.80	0.1
			S	26 46.80	
CFA	0.59	138	iPd	26 36.00	0.1
			S	26 48.50	
RTCV	0.70	168	iPd	26 36.70	-0.1
			(S)	26 50.00	
TCA	3.52	94	ePd	27 11.30	0.0
	S.D. = 0.2	on	5 of	5 obs.	

JUN 30, 1985 18h 29m 49.17± 0.45s
34.006 N ± 6.8km 83.559 E ±10.0km
DEPTH = 33.0km (normal)
4 5mb (11 obs.)
TIBET (306)

KKN	6.37	166	eP	31 23.70	0.3
	0.4s	3.00nm		4.4mb	
PKI	6 61	166	eP	31 26.90	0.1
	0.6s	8.00nm		4.7mb	
NDI	7.59	227	ePn	31 40.00	-0.2
			e(Sn)	39 09.00	
MHI	19.80	283	iPd	34 20.20	0.4
SUF	45.55	327	eP	38 08.00	0.8
HFS	51.31	323	eP	38 52.10	0.2
	0.5s	1.40nm		4.2mb	
NB2	52.49	324	P	39 00.70	-0.2
	0.7s	1.80nm		4.1mb	
BSF	57.35	309	eP	39 36 60	0.2
	0.8s	4.90nm		4.6mb	
HAU	57.59	309	eP	39 38.20	0.2
LPG	58.06	306	eP	39 41.90	0.3
	1.0s	11.10nm		4.9mb	
LOR	59.42	309	eP	39 50.20	-0.5
LBF	59.43	309	eP	39 50.40	-0.4
SMF	59.63	308	eP	39 52 00	-0.2
	0.8s	3.20nm		4.5mb	
SSF	59 71	309	eP	39 52.50	-0.2
	0.6s	1.80nm		4.4mb	
AVF	59.90	308	eP	39 53.80	-0.2
	1.0s	4.10nm		4.5mb	
TCF	60.81	308	eP	40 00.10	-0.1
	0.8s	4.30nm		4.6mb	
GRR	62.04	311	eP	40 08.50	0.0
WRA	72.22	130	Pd	41 14.70	1.6
	0.7s	2.40nm		4.3mb	
WB2	72.23	130	eP	41 11.20	-1.9
YKA	82.73	8	eP	42 15.60	5.0X
	S.D. = 0.7	on	19 of	20 obs.	

& JUN 30, 1985 21h 12m 24.07s
19.371 N 155.299 W
DEPTH = 26.7km
3.9mb (2 obs.)
HAWAII (613)
<HVO-P>. ML 4.3 (HVO). Felt throughout the island of Hawaii.

OUT	0.02	40	iPc	12 27.97	-0.8
AHA	0.03	86	iPc	12 28.13	-0.7
RIM	0.03	38	iPc	12 28.03	-0.8
CPK	0.04	311	iPc	12 28.04	-0.8
KNH	0.04	167	iPc	12 28.17	-0.6
NPH	0.05	19	iPc	12 27.97	-0.9
UWE	0.05	6	iP	12 28.10	-0.8
ESR	0.07	55	iPc	12 28.13	-0.8
HLP	0.07	189	iPc	12 28.38	-0.5
PUH	0.08	85	iPc	12 28.21	-0.7
DES	0.09	248	iPc	12 28.28	-0.7
MLX	0.10	334	iPc	12 28.59	-0.6
PWH	0.11	141	iPc	12 28.64	-0.4
MKA	0.13	91	iPc	12 28.60	-0.7
MLH	0.15	326	iPd	12 29.11	-0.6
AIN	0.15	272	iPd	12 29.15	-0.5
KAE	0.18	117	iPc	12 29.29	-0.4
WHA	0.24	99	iPc	12 29.75	-0.6
MVH	0 26	59	iPc	12 30.14	-0.6
PPL	0.26	216	iPc	12 29.94	-0.8
MWH	0.31	292	iPd	12 30.77	-0.7
KHU	0.33	248	iPd	12 30.73	-1.1
NGH	0.42	38	iPc	12 32.16	-0.8
HPU	0.43	340	iPd	12 32.50	-1.1
KPO	0.45	73	iPc	12 32.22	-1.3
KKU	0.52	355	iPd	12 33.93	-0.9
SPT	0.52	222	iPd	12 32.99	-1.7
KUH	0.55	259	iPd	12 33.47	-1.7
CPH	0.60	281	iPd	12 34.05	-1.9
HUH	0.60	302	iPd	12 34.79	-1.3
KOH	0.88	329	iPd	12 37.90	-2.7
EUR	39.29	51	iP	19 53.80	1.0
	0.8s	1.77nm		3.9mb	
PMR	42.40	4	eP	20 18.20	0.5
TTA	43.53	360	eP	20 26.50	-0.4
BDW	44.90	48	eP	20 39.50	0.9
	1.0s	1.80nm		3.9mb	
COL	45.78	4	eP	20 44.00	-0.9
EDM	46.71	34	ePc	20 52.00	-0.5
INK	50.79	10	ePc	21 22.00	-1.7
YKA	51.36	23	eP	21 28.10	-0.1
YKC	51.40	23	eP	21 28.00	-0.5
	40 obs. associated				

JUN 30, 1985 21h 14m 19.99± 0.64s
46.432 N ± 5.1km 7.794 E ± 6.7km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.2 (LDG).

MMK	0.40	163	iPd	14 28.70	0.5
DIX	0.44	217	iP+	14 28.40	-0.7
TMA	0.82	113	eP+	14 36.30	0.4
LLS	0.94	62	eP	14 37.30	-0.7
ZUL	1.13	21	eP	14 41.40	0.3
SAX	1.34	52	eP+	14 45.40	0.5
SLE	1.42	19	eP+	14 44.00	-1.8
BSF	1.56	334	Pg	14 47.50	-0.4
			Sg	15 06.60	
HAU	1.86	328	Pg	14 52.60	0.5
			Sg	15 15.60	
CDF	2.01	350	Pg	14 56.00	1.6
	S.D. = 1.0	on	10 of	10 obs.	

& JUN 30, 1985 23h 54m 09.16s
59.885 N 152.797 W
DEPTH = 90.5km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.30	358	iP	54 22.05	-0.8
			iS	54 32.85	
AUH	0.62	212	iP	54 24.54	-0.7
			iS	54 36.77	
RDT	0.72	16	iP	54 25.73	-0.5
			iS	54 39.20	
NNL	0.77	78	iP	54 27.10	0.4
CNPM	0.87	114	iP	54 26.72	-1.0
			iS	54 41.00	
BRLK	0.97	96	iP	54 27.94	-1.0
			iS	54 42.35	
NKA	1.16	41	eP	54 32.19	1.2
SPU	1.35	15	iP	54 33.12	-0.4
SLKM	1.43	63	eP	54 33.60	-0.9
MPA	1.82	69	iP	54 38.90	-0.6
SVW	1.86	312	iP	54 38.24	-1.9
SUA	1.88	32	iP	54 40.79	0.4
			iS	55 05.73	
PMS	2.10	48	iP	54 43.00	-0.3
PTE	2.12	61	iP	54 42.79	-0.6
			iS	55 07.90	
SKT	2.19	16	eP	54 44.00	-0.5
			iS	55 13.30	
PWL	2.42	64	iP	54 45.80	-1.8
PLRM	2.49	45	eP	54 47.46	-1.0
KNK	2.63	52	eP	54 49.02	-1.5

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                 iS     55 19.65          |
MSE      2.71  42 eP     54 50.10  -1.6   |
      19 obs. ossociated                   |
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STATION DATA REPORT FOR JUNE, 1985

1012 stations reported 50089 reading arrival groups

X = data received for this 6-hour time period

DATE	1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30
AAI	XXXX XXX XXX XX XXX XXX XX XXXXX X XX XXXXX X X XXX X XXX XXXXX XXXX XXXXX XXXX
ACU	X X XX X X X XX
ADE	X X X X XXXX X XX X X XX X X X XXX X X X X XXX X XX X XX XXX
ADK	X X X XX X XXXX X XX X XX X X X X X X X X X X X X X X
AFI	XXX X X X X XX X X X X XX X X X X X X XX X X X X XXXXXX X XX XX X XX X
AFR	X X X X X XXX
AIA	X XXXXXX XX X XX X X X XX X XX XX XX X X XX X XXX XX X X X X X XXXX XXXX
AKU	X X XX XX X X X X X X X X X X X X XX X
ALE	XX X X XXXXXXX X XXX XXXX XXX XXXX X XX XX X X X XX XX X X XX X XXX XX X XXXX X XXX X XXXXX XX
ALI	X X XXX X XX XX X X XX X
ALM	X XXX X XX X XX X XX X X XX X
ALOA	XXX X XXX X XXXXX X XX X XX X XX XX X
ALO	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXX XXXXXXX XXX XX XXXXXX XX XX XXX XX XXXXXXXXXX XXXXX XXXXXXX XXXX
ANP	X XXX X XXXXXXX X XXXX XXXX X X XX X XXXXXXXX XXX X XX XX XXX XX X X X XXX X XXX X XXXXXXX X
ANT	XXXX X X X XXXX X X X X XX XXX XXXX X XX XXXX XXX X X X XX XX XXX X XX XXXXX X XXX
AR6	X X XX X X X X XX
ARE	XXX XXXXXXXXX XXXXXX XXX X X XX XX X X XXXXX XX X X XXXX XX XXX XXX XXXXXXXXX X X X X X X XX
ARN	XX X X X XXX X XX X X XX X X X X X
ASK	X XX XX XX X XX X X X XX X X X X X XX X X XX X XXXXX X X
ASPA	XXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXX XXXXXXXXXX X X XXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXXX XX X X XXXXXXXXXX XXX X
ASW	X X X X X X XX X XX X X XX XX XXX X
ATB	XX X XX XX X X X X X XXXX XX X XXXX XX X XX X
ATH	XX XXXXXX XX X XXXX X X X XX X XXX XXX XX X X X X XX X X XX X XX XX X X X X XX X
AUL	X X X X X X X X X X X X
AVE	X X XXXXXXX XX X X X X X X X XX X XX X X X XX XX X X XX X X
AVF	XXXXXXXXXXXXXXXXXXXXXXXX XX XXXX XXXXXX XXXXX X X X X XXXXX XX X XXX X X X XX X XX XXXXXXXXXX XX XXXXXXXX X
AVY	X X X X X X X X X XX X X X X X XXX X
BACH	XXX XXX X XX X XXXXXXXX X XXXXX XXXXX XX XX X XXXXXX XXXXXX XXXXX X X X X X X XX XXXX
BAG	X XX XXXXXXX X X XXXX XXX X X X XX XX X X XX XX X X XX X X XX X XXXX XX
BAL	XX X X X XXX X XXX X X XX X XXX X XXX X X XX XXXX XX XXXX X XXX X XX X XX XX X X XXX
BALM	X X XX X X X X X X XXXXXX X
BAO	XXXXXXXXXXXXXXXXX XXX XXXXXX XX XXX XXXXX XXXXXXXX XXXXXX XX XX X XX XX XXXXXXX XXXXXXX XXXXXX XX X X
BAR	XX X XXXXXX X XX XXXXX XX X X XXX X XX XXXX XXXX XX XXXXXX X X XX X XXX XX XXXXXXXX X X X X XX
BCAO	X XXXXXXXXX XXXXX XX XXXXX X XX XX X X X
BCK	XX X XX XXXXX X X XX X X X XX X XXXXX XX X X XX X X X X
BDW	XXXXXXXXXXXXXXXX XXXXXXXXX XXXXXXXXXXXX XX XX X XX X XX X X XXXX X XX XXXXX XXXX XXXX XX XXXX XXXXXX XXXXX XXXXX
BER	X XXX X XX XX X X
BFD	X X XXX X X X X X X X XXX X XX X X X X
BFS	XXX X X X X X X X X X X X XXX X X X X X X
BFW	X XX X X X X X X X X XX X
BGA	XXXXXXXXXX XXXX XXX X XX X X XXXXXX XXXX X XXX XX X XX X XX XXX X X X XX XXXXXXXXXXXXXXXX X XX XX
BGF	XXXXXXX XXXXXXXXXXXXXXXX X X XX X XXXX XXXXX X X X XXX XXX XX X XXX X X XXXX X XXXXXX XXX XXXXXXX XX
BHD	X X XX XX X X XX XX X X XX X XXX X
BHG	X XX X X XX X X X X X X X X X X XX X X
BHL	X X XXX X X X XXXXX XX XX X X X XX X X XX X
BHO	XX XXXXXXXXXXXXXX X XX XXX XX XXXX XX XX XXX XX X XX XX X X XX X XX XXX XXXXXXX X XXXXXX XXXXX X X X
BIAL	X X X XX XX XX X XX XX
BJI	X XXX XX XXXXXX X XXXXXXXXXX XXX X XX XXXXXXXX XXX X X X XXXX XXXX XX X X X XX XXX XXXXXXX XXXXXXXX XXXXXXXXXXXXX
BKS	X X X XXXX X XX X XX XXX X XX X X X X X X XXX X X X X
BLA	X X X XX X X X X X X X X X X X X X X XX X X
BLP	X X X X X X X X
BLY	XX X X X X X X X X XX X X X
BMG	X XX X XXX X X X X X X X X X X X XX XX
BMN	XXXXXXXXXXXXXXXXX XXXXXXXXX XXX XXXX XX XX XX X X X XX X X X X XX X XXX XX X XXXX XXX XXX XXX XX XX XX XXXX
BMRM	X X X X X XX X X X
BNG	XXXXXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXX X XXX XXXXXXXXXXX XXXXXXXXXXX X XXX XXXXXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXX
BNS	X XX XX X XXX X X X X X X X X X X
BOG	X X XXXX X XXXXXXX XXX X XXX XX X XXX XX XXXX X X X X XXX X X X X XXX XXXX XXXXX X XXX X X
BOM	X XXX X X X X X X X X X
BRD	X XXX X X X X X X X X
BRG	XXXXX XXX X XXXXXXXXXXX XXXXX X XX XXXXXXXXXXXXXXX XX XXXXXXXX XXX XXX XX X X XXXXXXXXXXX
BRK	XXX X X X XXX X XX X XX X X XX X X XXX X X
BRLK	X X X X XX X X X X X XX X X X X X XX X X X XXXXX X X X
BRS	XXX XXXX XXXXX XXXX X X X X XXX XXX XXXXXXXXX XXXXXXXX XXXXXXX XXXXXXXXXXXXXXXX XXXX XXXXXXX
BRW	XX X X X X X X X X X X X X X XX X X X X X X X XXXX X
BSF	XXX XX XXXXXXXXXXXXXXXX X XXXX XXXXX X XX XX X X X X X XXXX XX X XX XXXXXXXXX X XX X XXX X XXXXXXXX X
BSI	X XX X X XXXX X X X X X XXXX X XXX X XX XXXXX
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BUC	XXXXX X XXXX XX X X XX X X X XX X X X X XX X X X X X
BUC1	X X X X X X X X X X X X X
BUH	X X X XX XXXX XXX X XX XXX X XX X X X XX X X X XX X XXX X XX X X X X X
BUL	X XX XXX XXXXX XXXXXXX X XXXXXXX XXXXXXXXXX XX X X X X XX XXXX XXX X X XXXXXXX XXXXX XXXXXXX XX XXX XXXXXX X X
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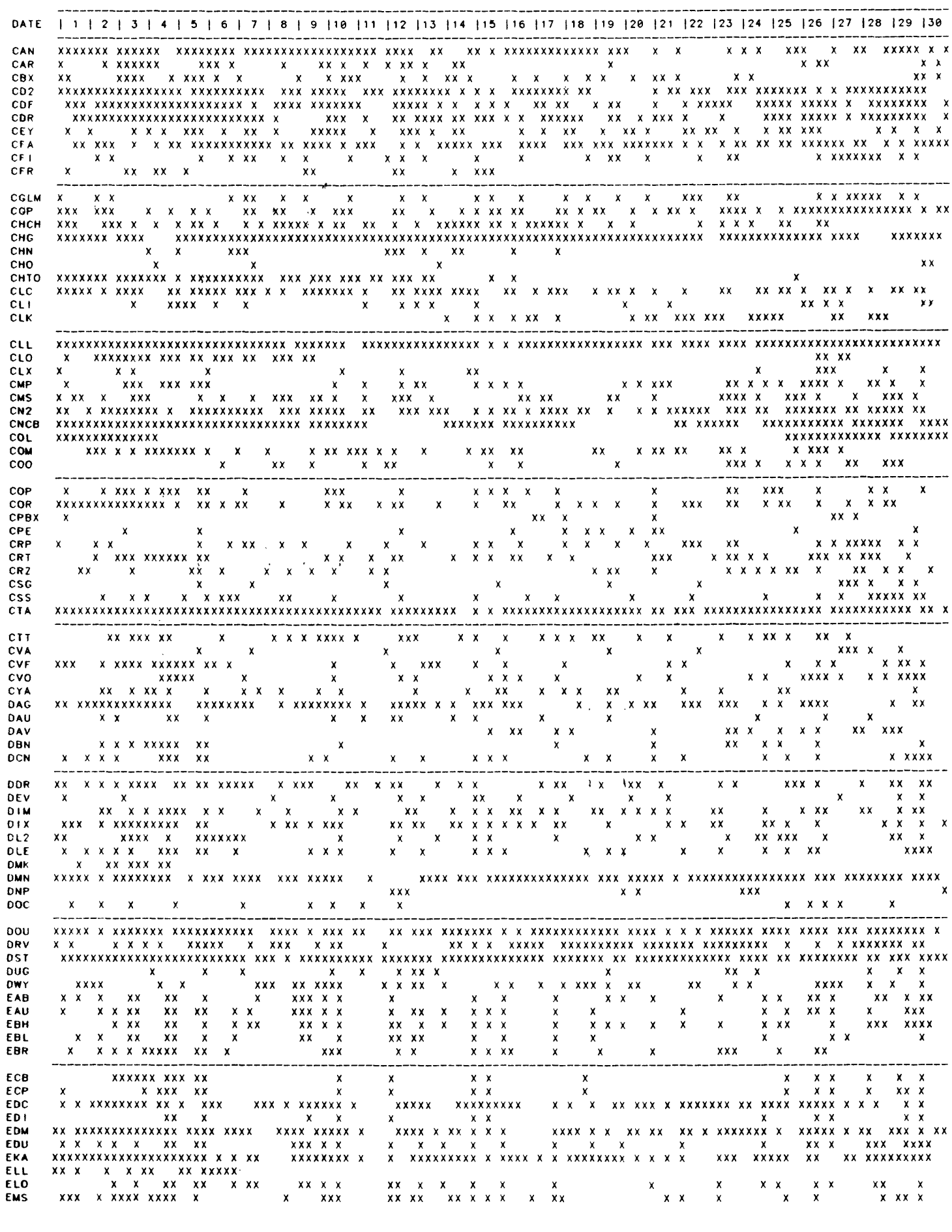
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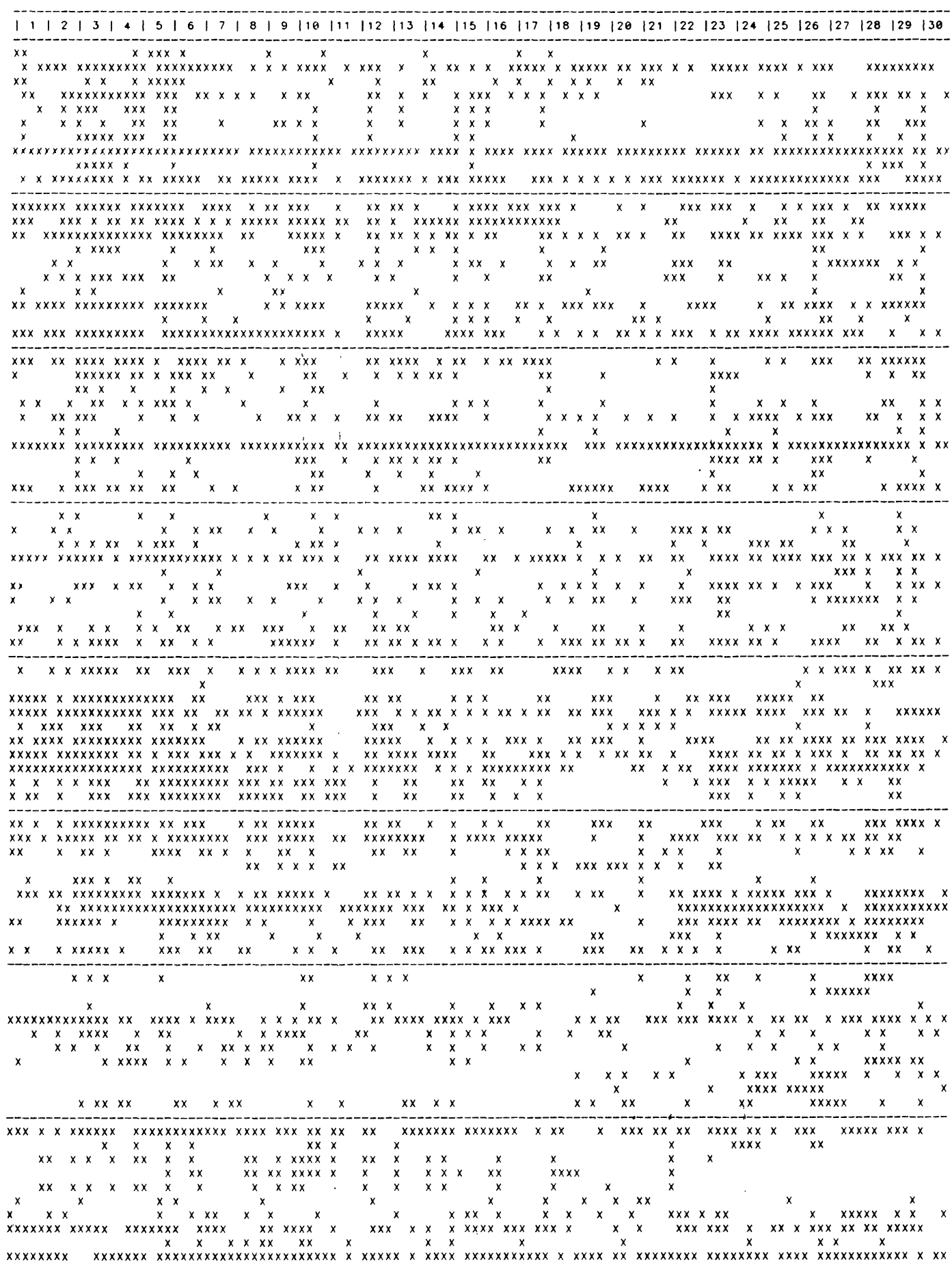
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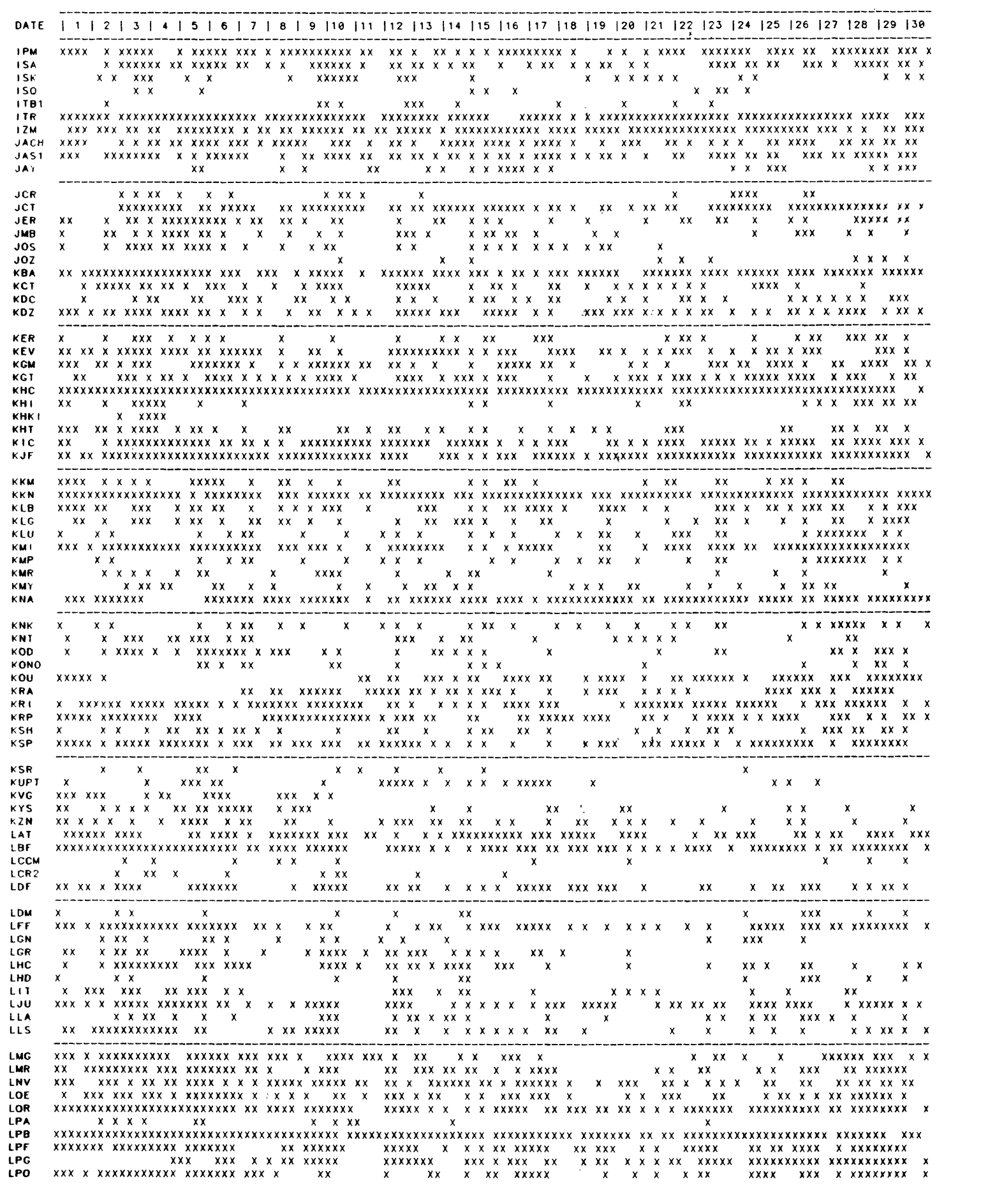
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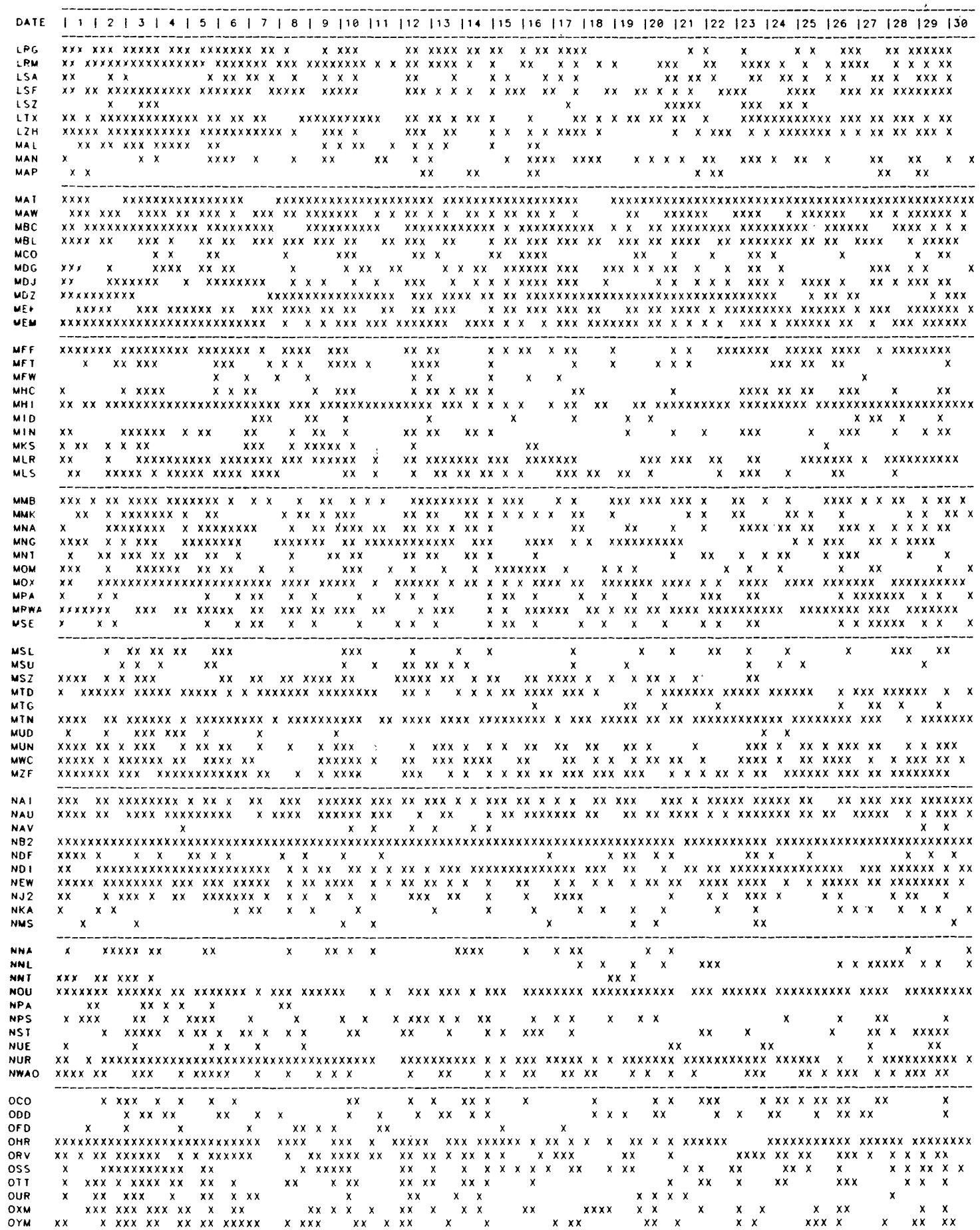
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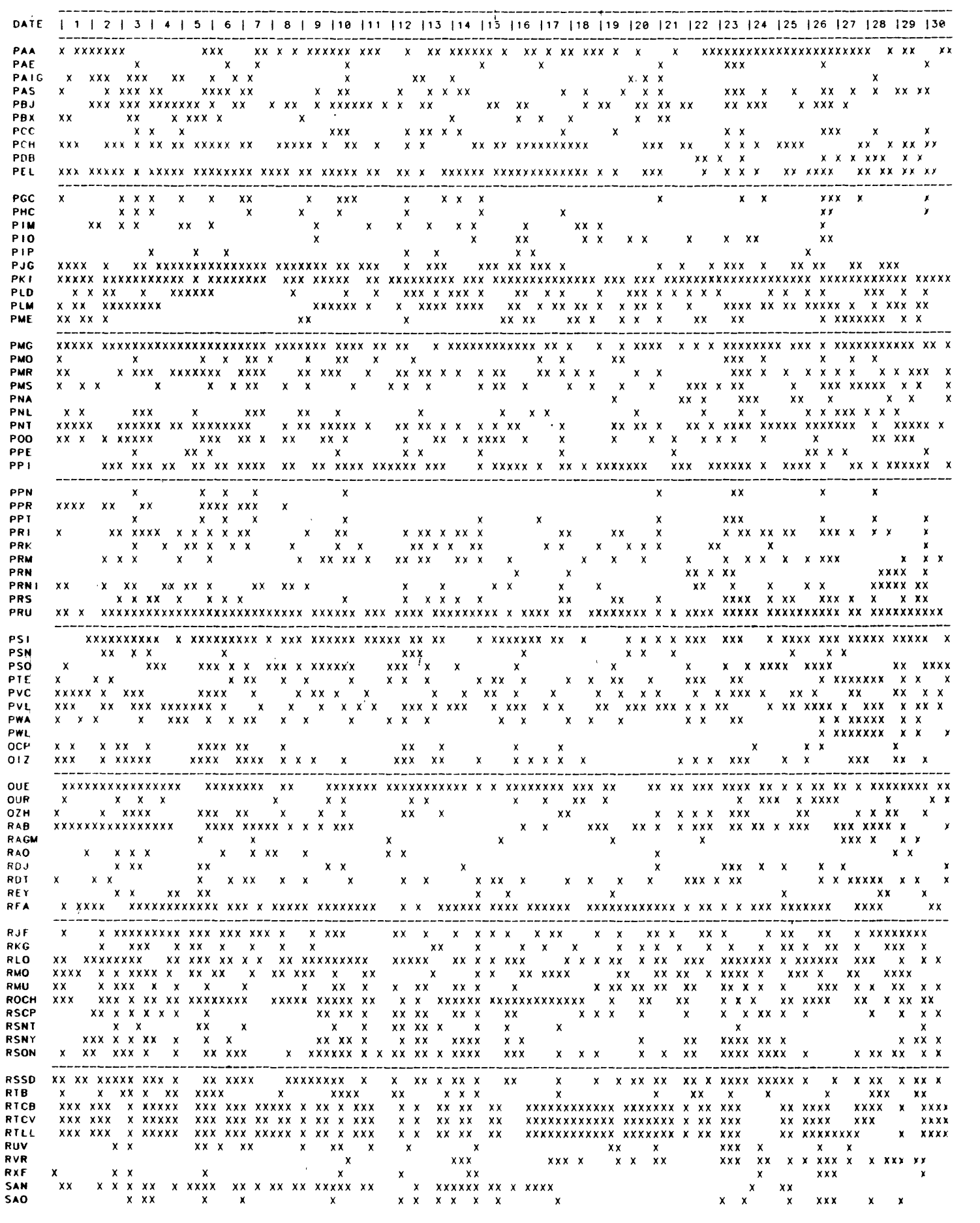
DATE
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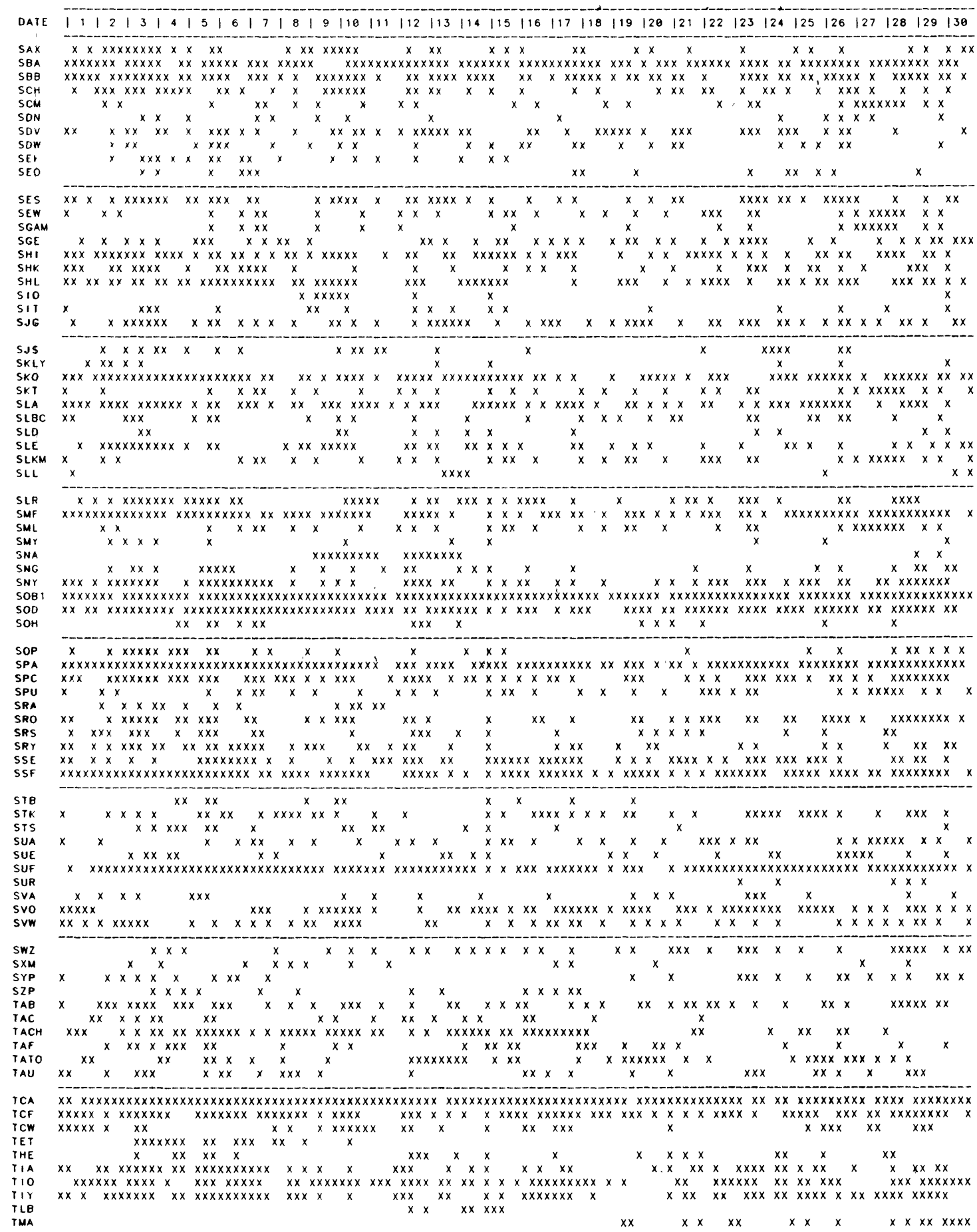
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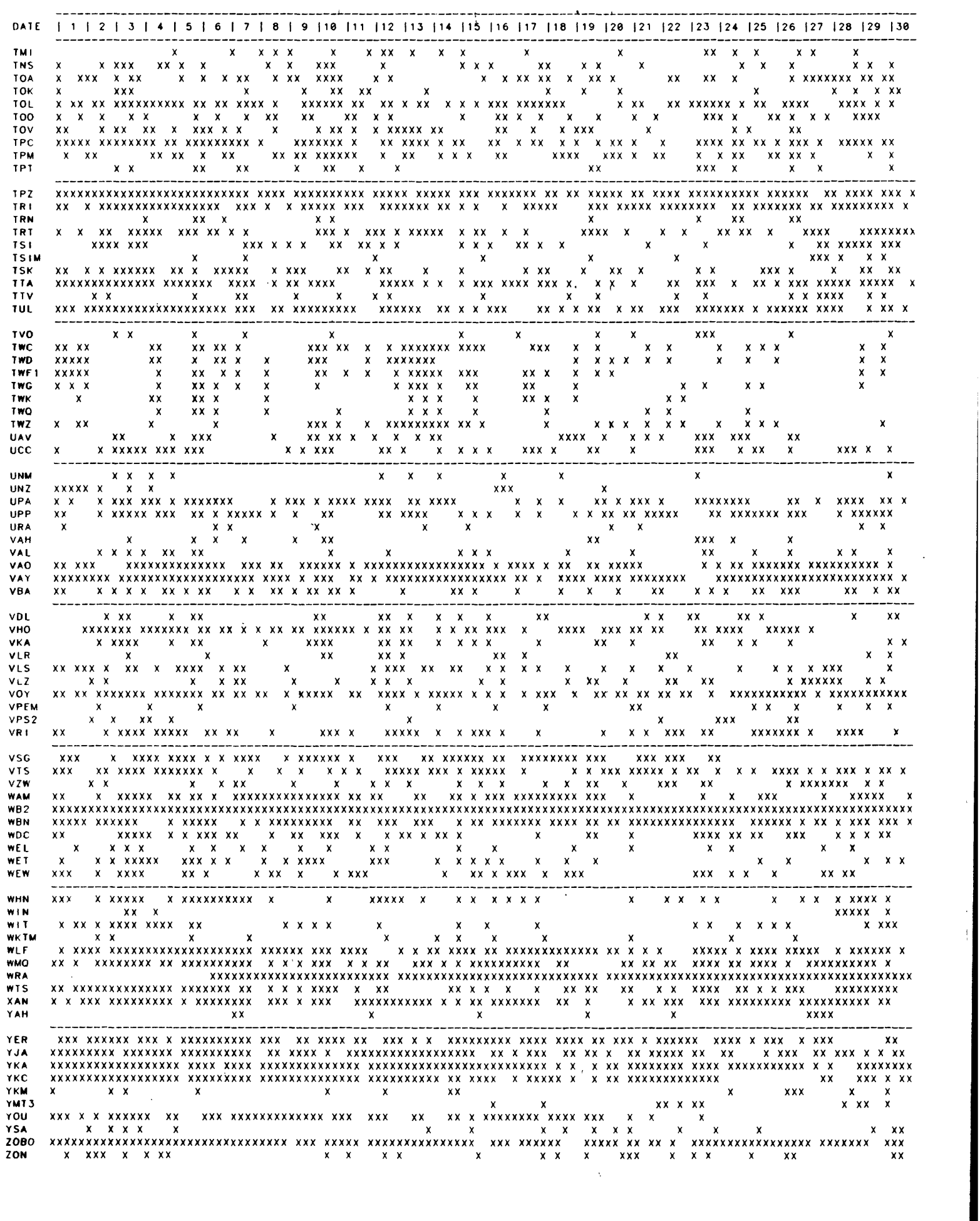
DATE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30
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ZUL	X	XX	XXX	XXXX	XX		X	X	XXXXX		XX	XX		X	X	X	X		XX		X	X	X		X		X		X	X

The following stations each reported less than 10 readings:

AAE	AAS	ABA	ABJ	ACO	ACR	ADI	AGAM	AHA	AIN	AJI	AJM	AKI	ANG	AOM	APKW	APO	ARO
ASA	ASJ	ASZ	ATE	AUH	AUI	AWH	BAA	BAV	BBG	BBJ	BCPM	BDT	BENN	BGB	BGG	BIR	BKB
BLT	BMA	BMTN	BOH	BOK	BPA	BRBC	BRL	BRN	BRZ	BSK	BUD	BVA	CAL	CBI	CBZ	CEI	CER
CGN	CH6	CHI	CIS	CIZ	CMZ	CNPM	COB	COW	COZ	CPH	CPK	CPX	CRI	CRO	CTGM	CVD	CVL
CVR	DAF	DCT	DDI	DEL	DES	DLA	DLM	DMU	DOR	DRA	ECH	ECK	ECZ	ELC	ELF	EMM	EPT
ESCF	ESR	FGO	FKK	FOC	FUO	GAL	GAP	GBTN	GBZ	GMTN	GNG	GRC1	GRT	GRW	GSH	GUV	GVI
GWJ	GWV	HAC	HAK	HAY	HBF	HIK	HIL	HIR	HJJ	HLD	HLP	HMD	HMM	HNME	HON	HPU	HON
HRY	HTL	HUH	HWV	IAS	IBK	IID	IIM	IIT	ISI	ISN	ISR	ISSF	ITA	ITB	ITB7	IXG	IZU
JAU	JCK	JSC	KAD	KAE	KAG	KAI	KAIM	KBS	KHU	KKH	KKU	KLL	KLM	KMG	KMJ	KNH	KOB
KOE	KOF	KOH	KPO	KRO	KSU	KUG	KUH	KUM	KUS	LCH	LDN	LEM	LHE	LHG	LHS	LIS	LMHM
LON	LPR	MBO	MBU	MCP	MCO	MCW	MCY	MDR	MED	MGH	MGI	MGP	MIM	MIS	MIT	MIY	MKA
MLH	MLX	MMG	MRK	MRL	MRR	MSR	MTY	MVH	MVI	MWH	MYK	MYT	MYV	MYZ	NA2	NAG	NAH
NAO	NEM	NGA	NGH	NGN	NGO	NGS	NII	NOB	NOH	NPH	NWRM	NZJ	OBI	OBO	OBZ	ODB	OFU
OGA	OGE	OIT	OLY	OMZ	ONA	ONE	OPA	OSA	OSH	OSK	OUT	OWA	PAL	PCA	PCJ	PCO	PCT
PHAM	PKNC	PLDF	PLH	PLRM	PLVA	POW	PPL	PTN	PTO	PUH	PUR	PUV	PV09	PWH	PWLA	PWV	PYM
QCS	QSM	QZG	RAR	RBNC	REC	RIM	RIV	RKT	RMJ	ROF	RRO	SAG	SAP	SBC	SEN	SFS	SGH
SGS	SHN	SHW	SHZ	SJI	SMTN	SNH	SNZO	SPRG	SPT	SRE	SRG	SRPD	SRPN	SRPW	SSB	SSR	SSS
STH	STJ	STU	SUK	SUT	SYO	TAJ	TAT	TBH	TBI	TBR	TCE	TDD	TER	THI	TIN	TKL	TKM
TKS	TLE	TMO	TNZ	TOT	TP2	TPL	TRD	TRK	TRO	TRYN	TSU	TUA	TURI	TWM1	TYK	TZZ	UDD
UME	UTO	UTS	UWE	VAR	VEX	VIE	VIS	VRN	VUN	VWV	WAK	WAX	WCN	WHA	WKA	WKY	WMV
WNZ	WRN	WSI	WTZ	WVLY	XAL	XDE	XSO	YKGM	YLV	YOK	ZAG	ZIS	ZNT	ZSP			