UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

EARTHQUAKE DATA REPORT
April 1985

NATIONAL EARTHQUAKE INFORMATION CENTER

Open File Report
86-551D

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

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U. S. DEPARTMENT OF THE INTERIOR

Geological Survey

EARTHQUAKE DATA REPORT

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

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

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

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

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

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

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

Hypocenter Symbols

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

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

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

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

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

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

References

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

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

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

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

• APR 01, 1985 01h 04m 53.00± 1.54s
16.686 S ±12.6km 167.233 E ±11.5km
DEPTH = 42.7 ± 14.6 km
5.0mb (1 obs.)
VANUATU ISLANDS (186)

PVC	1.47	136	iPc	05	18.00	0.6
			iS	05	39.50	
KOU	4.76	216	iPc	06	04.00	-0.2
			iS	07	03.00	
NOU	5.64	187	iPd	06	17.00	0.4
			iS	07	23.00	
HNR	10.11	315	ePKP	07	23.00	4.3X
			eS	09	07.00	
VSG	10.40	314	ePKP	07	18.00	-4.7X
			eS	09	12.00	
SVO	10.41	315	ePKP	07	22.00	-0.8
			eS	09	10.00	
RMQ	19.74	237	ePKP	09	25.00	2.8X
	1.0s		78.00nm			5.0mb
AFI	20.43	85	P	09	29.00	-0.5
KRP	22.39	163	P	09	53.00	4.0X
CMS	24.41	229	ePKP	10	11.00	2.2X
MNG	24.90	165	ePKP	10	06.00	-7.4X
WB2	31.35	259	ePKP	11	16.20	4.2X
ASPA	31.99	252	ePKP	11	18.00	0.4
			eS	16	44.00	
SBA	61.19	180	ePKP	15	04.00	-1.3
SPA	73.42	180	e(P)	16	25.50	3.0X
YKA	99.29	27	ePKP	18	33.60	2.3X
ITR	144.17	133	ePKP	24	24.20	-2.7
			e	24	28.20	
LOR	146.55	339	ePKP	24	30.20	0.3
	0.8s		5.30nm			
GRC	146.79	340	iPKPd	24	23.30	-6.9X
SSF	146.85	339	ePKP	24	31.20	0.9
	0.8s		7.20nm			
BNG	146.96	252	iPKPd	24	34.30	2.8X
	1.1s		27.70nm			
AVF	147.14	339	ePKP	24	32.40	1.6
LPF	147.29	345	ePKP	24	32.30	1.3
	0.7s		12.20nm			
BGF	147.51	340	ePKP	24	33.60	2.2X
	0.8s		7.70nm			
TCF	147.96	340	ePKP	24	34.30	2.1X
LSF	148.21	341	ePKP	24	34.70	2.1X
	0.7s		5.50nm			
CVF	148.26	329	ePKP	24	36.50	3.7X
MFF	148.38	343	ePKP	24	35.70	2.9X
	0.9s		17.60nm			
LFF	149.63	341	ePKP	24	39.20	4.4X
	0.8s		9.90nm			
EPF	151.46	340	ePKP	24	42.60	4.9X
S.D. = 1.4 on 12 of 30 obs.						

• APR 01, 1985 01h 29m 26.45± 1.36s
31.659 S ± 8.9km 68.489 W ±14.7km
DEPTH = 109.7 ± 14.3 km
SAN JUAN PROVINCE, ARGENTINA (137)

ZON	0.20	305	iPd	29	42.30	0.0
CFA	0.22	76	iPd	29	42.30	-0.1
			S	29	53.10	
RTCB	0.32	303	iPd	29	42.80	0.2
			S	29	54.20	
RTLL	0.33	3	iPd	29	42.50	-0.1
MDZ	1.26	194	eP	30	06.10	15.3X
VCA	2.92	5	ePd	30	12.20	0.0
			S	30	46.00	
RFA	3.10	180	ePc	30	14.60	0.0
TCA	3.34	86	iPd	30	18.00	0.1
			S	30	55.80	
SLA	7.39	22	e(P)	31	28.00	14.6X
S.D. = 0.2 on 7 of 9 obs.						

APR 01, 1985 02h 14m 31.73± 0.41s
66.238 N ± 4.9km 150.080 W ± 7.3km
DEPTH = 10.0km (geophysicist)
4.4mb (5 obs.)
ALASKA (676)
ML 4.7 (PMR).

IMA	1.47	265	iP	15	00.10	1.7
COL	1.65	144	iP	15	00.70	-0.1
FBA	1.65	144	iPd	15	00.40	-0.4
TTA	4.19	220	eP	15	36.70	-0.5
TOA	4.49	156	eP	15	43.10	1.8
PME	4.65	174	eP	15	43.40	-0.2
DWY	5.00	111	P	15	42.40	-6.1X
BRW	5.63	338	e(P)	15	55.50	-1.9X
SVW	5.71	208	eP	15	57.70	-0.9
INK	6.74	65	eP	16	10.00	-3.1X
KDC	8.60	189	e(P)	16	38.00	-1.0
MBC	13.83	31	eP	17	47.00	-2.7X
YKA	15.65	87	eP	18	08.20	-5.4X
YKC	15.71	87	eP	18	10.00	-4.3X
	0.4s		3.00nm			3.9mb
EDM	22.22	108	eP	19	30.00	0.5
FRB	32.29	55	eP	21	04.00	1.9X
ALQ	40.34	119	eP	22	11.50	0.6
	1.0s		5.25nm			4.2mb
SOD	46.65	2	iP	23	01.70	0.4
KJF	49.85	1	eP	23	26.00	-0.2
SUF	51.31	2	eP	23	37.00	-0.3
NB2	52.28	11	P	23	44.20	-0.6
	1.1s		5.90nm			4.4mb
HFS	53.36	10	eP	23	51.80	-0.9
	0.8s		6.80nm			4.7mb
NUR	53.50	3	eP	23	55.00	1.3
KHC	64.28	12	eP	25	07.50	-1.4
KBA	66.30	12	iPc	25	22.30	0.2
	0.7s		3.70nm			4.7mb
S.D. = 1.0 on 18 of 25 obs.						

• APR 01, 1985 04h 28m 22.14± 1.57s
31.511 S ± 9.3km 68.879 W ±17.5km
DEPTH = 119.6 ± 13.3 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.07	70	iPd	28	38.80	-0.3
			S	28	49.50	
ZON	0.17	102	iPd	28	39.20	0.0
			eS	28	51.00	
RTLL	0.39	63	iPd	28	39.60	-0.1
CFA	0.55	100	iPd	28	41.10	0.4
			S	28	54.20	
MDZ	1.37	179	i(P)	29	11.00	22.5X
VCA	2.82	12	ePd	29	07.00	0.1
			S	29	40.00	
RFA	3.27	174	ePc	29	12.80	0.0
TCA	3.67	88	iPd	29	18.00	-0.2
			S	29	58.90	
SLA	7.39	25	e(P)	30	25.00	16.1X
S.D. = 0.3 on 7 of 9 obs.						

? APR 01, 1985 04h 54m 28.64± 1.08s
8.407 S ±18.0km 123.647 E ±23.1km
DEPTH = 33.0km (normol)
5.0mb (1 obs.)
FLORES ISLAND REGION (286)

KNA	8.85	146	iPc	56	38.00	0.7
WB2	15.46	139	eP	58	04.10	-1.9
			eS	00	43.70	
WBN	17.85	171	eP	58	37.00	0.7
ASPA	18.08	148	iPc	58	40.20	1.2
MRWA	21.92	198	eP	59	20.00	-1.0
PKI	51.47	315	iPc	03	33.60	0.0
	0.5s		9.00nm			5.0mb
DMN	51.70	315	iP	03	35.60	0.3
S.D. = 1.3 on 7 of 7 obs.						

• APR 01, 1985 05h 10m 40.89± 0.88s
3.979 S ±14.1km 103.083 W ±12.4km
DEPTH = 10.0km (geophysicist)
4.7mb (10 obs.) 4.8Msz (3 obs.)
NORTHERN EASTER I. CORDILLERA (694)

GIE	13.17	76	iP-	13	52.30	1.6
			S	16	28.00	
PSO	26.25	79	eP	16	19.50	0.8
UPA	26.77	61	Pc	16	20.80	-2.2
Z	18s		9.97um			5.4Msz
N	18s		3.26um			
E	18s		4.64um			
			S	20	56.00	
			LR	23	51.00	
BOG	30.22	74	eP	16	53.00	-1.6
			eS	21	56.00	
LTX	33.13	359	eP	17	20.00	0.5
	1.2s		3.48nm			4.2mb
ARE	33.41	114	eP	17	24.00	1.6
JCT	34.41	5	eP	17	30.00	-0.6
	1.1s		7.59nm			4.5mb
LPB	36.54	113	P	17	50.00	0.7
Z	22s		1.48um			4.7Msz
BAR	38.67	342	eP	18	16.00	9.4X
ALQ	38.84	356	eP	18	06.00	-2.2
	1.5s		13.80nm			4.4mb
Z	22s		1.30um			4.7Msz
BHO	38.93	11	e(P)	18	09.30	0.6
PLM	39.35	342	eP	18	13.00	0.5
TPC	39.81	343	eP	18	16.00	-0.1
RVR	40.11	341	eP	18	23.00	4.5X
TUL	40.26	9	eP	18	20.40	0.7
	0.9s		19.60nm			4.8mb
Z	23s		0.52um			4.3MszX
PAS	40.51	341	eP	18	25.00	3.2X
MWC	40.54	341	eP	18	29.00	6.7X
RLO	40.64	10	e(P)	18	16.00	-6.8X
SBB	40.89	341	eP	18	26.00	1.0
GSC	41.14	343	eP	18	28.00	0.9
SYP	41.48	339	eP	18	35.00	5.1X
CLC	41.86	342	eP	18	35.00	2.1
PRM	42.61	26	eP	18	41.00	2.0
MDZ	43.01	136	e(P)	18	53.50	11.1X
JAS1	44.69	340	eP	18	56.70	0.8
EUR	44.85	346	eP	18	58.00	0.6
	1.2s		21.01nm			4.9mb
BMN	46.06	345	eP	19	08.50	1.6
	1.0s		5.00nm			4.5mb
BDW	46.91	353	eP	19	14.00	0.4
	1.2s		13.04nm			4.9mb
LRM	50.28	351	eP	19	39.60	-0.2
NEW	53.46	348	eP	20	02.00	-1.4
SES	54.59	354	eP	20	11.00	-0.7
EDM	57.64	353	ePd	20	32.00	-1.6
ITR	64.37	98	eP	21	18.30	-1.6
YKC	66.84	354	eP	21	33.00	-1.2
	0.8s		12.00nm			5.1mb
YKA	66.87	354	eP	21	34.20	-0.8
FRB	72.32	15	eP	22	37.00	-1.4
INK	75.16	349	eP	22	24.00	-0.8
MBC	80.66	356	eP	22	56.00	1.0
	1.0s		20.00nm			5.1mb
SPA	86.05	180	e(P)	23	22.90	0.0
ALE	88.21	5	eP	23	32.50	-0.4
	1.0s		5.00nm			4.8mb
S.D. = 1.3 on 33 of 40 obs.						

• APR 01, 1985 05h 17m 41.06± 1.01s
24.212 N ± 7.2km 122.116 E ±10.6km
DEPTH = 10.0km (geophysicist)
4.7mb (4 obs.)
TAIWAN REGION (243)

TWC	0.46	328	iPd	17	51.50	1.0
			eS	17	57.00	
TWD	0.49	255	iPc	17	50.00	-1.1
			eS	17	54.10	
TATO	0.95	323	iPd	17	59.60	0.5
			s(S)	18	12.00	
TWZ	1.01	331	iPd	18	01.00	0.9
			eS	18	13.00	
ANP	1.11	331	iPd	18	02.90	1.0
	0.8s		2149.25nm			
			eS	18	15.00	
TWF1	1.14	221	iP	18	03.00	0.6
TWG	1.68	215	ePc	18	12.80	2.1
QZH	3.29	284	ePn	18	31.90	-1.8
SSE	6.91	353	P	19	23.80	-1.0
	0.5s		54.00nm			5.9mb X
			Lg	21	25.50	
XAN	15.11	313	eP	21	15.00	-1.3
TIY	15.80	331	eP	21	27.80	2.6
BJI	16.56	344	eP	21	38.50	3.7X
CD2	17.58	296	eP	21	46.40	-1.4
HHC	18.80	334	eP	22	07.00	4.1X
BTO	19.24	331	eP	22	08.90	0.7
MDJ	21.25	15	eP	22	28.50	-1.0
KJF	70.36	332	iP	28	56.20	-0.5
	0.6s		15.60nm			5.3mb
SUF	71.45	331	iP	29	02.60	-0.7
	0.6s		3.10nm			4.6mb
INK	72.89	22	eP	29	10.00	-1.8
NB2	78.60	332	P	29	49.00	4.7X
	0.8s		1.90nm			4.2mb
YKA	82.61	23	eP	30	06.80	1.3
YKC	82.67	23	eP	30	11.50	5.7X
	0.5s		4.00nm			4.8mb
S.D. = 1.4 on 18 of 22 obs.						

etc 05h

• APR 01, 1985 05h 18m 02.29± 0.96s
7.366 S ± 9.3km 129.143 E ±19.1km
DEPTH = 155.0 ± 13.6 km
5.0mb (2 obs.)
BANDA SEA (280)

AAI	3.78	345	eP	19 01.00	0.6
MTN	5.79	160	eP	19 27.00	-0.1
	0.5s	237.00nm		5.7mb	X
			eS	20 29.00	
KNA	8.34	183	iPd	20 00.30	-1.0
	0.2s	48.00nm		5.7mb	X
			eS	21 29.00	
WB2	13.49	159	iPc	21 04.80	-3.8X
			iS	23 26.50	
ASPA	16.84	165	eP	21 50.00	-0.4
	0.7s	91.00nm		5.2mb	
			eS	24 44.00	
WBN	18.83	187	iPc	22 13.50	0.7
	0.5s	21.00nm		4.7mb	
			eS	25 38.00	
NAU	20.01	220	eP	22 26.00	1.1
			eS	26 04.00	
MEY	21.63	207	eP	22 41.00	-0.1
			eS	26 44.00	
STK	27.01	156	eP	23 32.00	0.3
BFD	32.08	160	eP	24 17.00	0.5
DMN	54.97	311	eP	27 18.60	-1.4
S.D. = 1.0 on 10 of 11 obs.					

• APR 01, 1985 05h 34m 02.91± 1.83s
44.280 N ±15.9km 147.036 E ±15.8km
DEPTH = 107.2 ± 19.6 km
4.4mb (7 obs.)
KURIL ISLANDS (221)

URA	3.76	237	eP	35 00.00	0.1
			eS	35 44.00	
TSK	9.64	216	eP	36 14.20	-6.0X
DDR	10.21	219	eP	36 22.00	-6.0X
MAT	10.24	224	eP	36 24.00	-4.3X
	0.7s	23.97nm		5.2mb	
	Z 20s	1.06um			
			eS	46 50.00	
BJI	23.19	270	eP	39 01.00	0.3
COL	40.72	36	eP	41 34.00	0.0
	0.8s	15.30nm		4.9mb	
INK	46.00	31	eP	42 15.00	-1.5
YKA	55.41	34	eP	43 27.70	0.0
YKC	55.47	34	eP	43 28.00	-0.2
WB2	64.95	193	eP	44 32.30	-0.8
FFC	65.32	37	eP	44 35.00	-0.2
	0.8s	6.00nm		4.6mb	
LRM	66.07	49	eP	44 40.60	0.2
BMN	66.76	56	iP	44 45.10	0.3
	0.8s	1.47nm		4.0mb	
EUR	68.10	56	eP	44 53.90	0.6
			pP	45 21.00	108kmX
BDW	69.62	50	iP	45 03.00	0.5
	1.0s	4.00nm		4.2mb	
ALQ	76.76	54	eP	45 44.30	0.0
	1.0s	4.25nm		4.2mb	
LTX	82.43	56	iP	46 15.00	0.5
	0.9s	3.25nm		4.2mb	
S.D. = 0.6 on 14 of 17 obs.					

& APR 01, 1985 06h 13m 33.30s
36.000 N 117.400 W
DEPTH = 0.0km
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.2 (PAS).

CLC	0.24	221	iPd	13 38.30	0.1
VPEM	0.34	262	iP	13 40.40	0.3
CWC	0.70	309	iPc	13 46.70	-0.6
			eS	13 55.80	
GSC	0.85	145	iPc	13 49.50	-0.7
WKTM	0.87	257	iP	13 49.80	-0.9
TIN	1.25	328	eP	13 58.00	0.5
			eS	14 12.90	
6 obs. associated					

APR 01, 1985 08h 03m 26.70± 0.73s
42 391 N ± 6.7km 15.030 E ± 8 0km
DEPTH = 10.0km (geophysicist)
ADRIATIC SEA (382)

DUI	0.84	210	ePg	03 41.40	-1.6
	0.6s	560.00nm			
AQU	1.21	269	ePg	03 49.80	0.6
	0.6s	0.29nm			
			eSg	04 06.00	
MNS	1.74	271	iPgc	03 58.00	0.9
	0.5s	150.00nm			
			iSg	04 23.00	
SGO	1.84	173	ePg	03 59.20	0.6
	0.4s	******nm			
			eSg	04 30.00	
BRT	2.22	132	ePg	04 04.50	0.4
	0.3s	0.14nm			
			eSg	04 39.50	
ORI	2.57	155	ePg	04 09.00	-0.1
			eSg	04 45.00	
BRY	2.64	78	ePn	04 21.50	11.3X
			eSn	05 01.50	
BDV	2.82	91	ePn	04 23.00	10.4X
			e(Sn)	04 59.00	
LCI	3.01	132	e(Pn)	04 26.00	10.7X
TTG	3.13	88	ePn	04 27.60	10.6X
			eSn	05 15.90	
CEY	3.38	353	ePn	04 30.70	10.2X
			e(Pg)	04 36.90	
			eSn	05 00.90	
LJU	3.67	355	eP	04 24.30	-0.4
			e	04 29.20	
			eSn	05 09.30	
CTI	4.39	328	e(Pn)	04 34.50	-0.5
KHC	6.82	352	eP	05 05.90	-3.3X
S.D. = 1.0 on 8 of 14 obs.					

• APR 01, 1985 08h 16m 22.17± 1.07s
12.635 S ± 9.7km 76.572 W ±10.2km
DEPTH = 74.4 ± 9.3 km
5.1mb (7 obs.)
NEAR COAST OF PERU (115)
Felt at Lima.

NNA	0.70	338	iPc	16 37.40	-0.2
	0.8s	14.93nm			
			eS	16 45.50	
ARE	6.22	128	eP	17 54.00	0.3
ZOBO	8.94	115	eP	18 31.90	0.4
LPB	9.07	116	Pd	18 34.00	0.9
	1.0s	80.00nm		5.5mb	
			S	20 45.00	
			LR	21 33.00	
TPZ	11.55	141	eP	19 21.00	14.4X
PSO	13.76	357	eP	19 35.50	-0.2
YJA	14.19	133	ePd	19 39.40	-1.9
BOG	17.32	8	eP	20 24.00	2.9X
BMG	19.88	10	eP	20 51.00	0.6
UPA	21.68	352	iPd	21 10.00	1.6
	1.1s	91.14nm		5.1mb	
UAV	21.78	15	eP	21 13.30	3.6X
SDV	22.18	16	iPd	21 15.60	2.0
	0.6s	44.40nm		5.1mb	
TOV	23.27	17	eP	21 26.00	1.9
GUV	24.33	34	iPd	21 36.00	1.7
	0.6s	66.70nm		5.2mb	
CAR	24.91	23	eP	21 41.30	1.4
VAO	29.95	114	eP	22 27.00	1.2
BIM	31.04	30	eP	22 33.02	-2.3
MVM	31.16	30	eP	22 34.12	-2.2
FDF	31.19	30	eP	22 34.50	-2.1
CRM	31.32	30	eP	22 35.55	-2.2
SJG	32.24	19	iPd	22 45.20	-0.5
BPA	32.88	27	eP	22 49.00	-2.3
ITR	37.66	88	iP	23 31.60	-0.5
LTX	49.24	328	eP	25 05.50	0.1
BHO	49.88	340	ePc	25 10.80	0.7
RLO	51.57	341	ePc	25 22.70	-0.2
TUL	51.59	340	iPc	25 23.00	0.0
	0.7s	23.30nm		5.3mb	
ALQ	55.16	330	eP	25 49.00	-0.6
	1.0s	7.50nm		4.7mb	
MNT	57.92	2	iPc	26 09.00	0.2
RVR	60.47	321	eP	26 27.00	0.4
GSC	61.02	323	eP	26 29.00	-1.5
SBB	61.21	322	eP	26 31.00	-0.7
CLC	61.84	323	eP	26 35.00	-1.0
BDW	62.89	333	eP	26 45.00	2.0
	1.0s	2.40nm		4.2mb	
EUR	63.51	327	iP	26 47.20	0.1
	0.5s	0.67nm		3.9mb	X

SCH	67.70	6	eP	27 13.00	-0.4
SES	69.63	337	eP	27 25.00	-0.5
EDM	72.76	338	eP	27 43.50	-0.7
KIC	73.82	80	iP	27 51.20	0.1
FRB	76.40	4	eP	28 05.00	0.3
AVE	80.09	53	iP	28 28.00	2.4
YKC	80.48	343	eP	28 27.00	-0.1
YKA	80.53	343	eP	28 27.60	0.3
INK	90.20	342	eP	29 15.00	-0.2
MBC	92.27	351	eP	29 26.00	1.5
WB2	135.56	224	ePKP	35 35.80	-0.6X
			e	35 53.10	
WMQ	146.10	21	PKP	35 55.50	0.9X
BJI	150.48	340	PKP	36 07.50	6.1X
NDI	150.84	53	iPKPd	36 09.00	6.7X
HHC	151.00	347	ePKP	36 02.00	-0.3X
S.D. = 1.3 on 42 of 50 obs.					

APR 01, 1985 09h 13m 14.21± 0.25s
47.276 N ± 3.0km 113.233 W ± 3.3km
DEPTH = 10.0km (geophysicist)
4.8mb (11 obs.)
MONTANA (456)
Cracked water main (VI) at East Helena. Felt (V) at Belt, Big Arm, Canyon Creek, Condon, Great Falls, Jefferson City, Ovando, Ravalli and Wolf Creek. Felt throughout much of western Montana, including Kalispell, Missoula and Helena.

MSO	0.66	228	iPc	13 28.00	0.6
NCM	0.91	264	P	13 35.20	3.4X
HRY	1.11	120	iPc	13 35.40	0.2
RFM	1.28	156	iPd	13 38.60	0.5
BUT	1.34	160	iPd	13 39.50	0.4
			iS	13 57.50	
LRM	1.55	159	iPnd	13 42.20	0.0
CLX	1.59	307	iP-	13 43.70	1.1
SXM	1.79	128	iPc	13 45.90	0.3
LDM	1.83	311	iP-	13 47.10	1.1
LHD	1.85	303	iP-	13 47.40	1.1
RXF	2.03	322	iP-	13 50.30	1.3
NEW	2.80	292	iPc	14 00.40	0.5
SES	3.44	24	eP	14 10.00	1.0
HPI	3.57	178	P	14 10.00	-1.0
IMW	3.74	154	P	14 13.40	-0.2
MFW	3.82	251	P	14 14.60	0.2
TMI	4.08	166	P	14 18.10	-0.1
PNT	4.72	298	eP	14 26.00	-1.2
CARB	4.81	321	P	14 29.20	0.5
SLEB	5.05	322	P	14 32.80	0.9
BDW	5.20	149	P	14 36.00	2.0
DPRB	5.38	325	P	14 36.90	0.2
DOWB	5.47	323	P	14 37.80	0.1
LON	5.89	268	P	14 42.00	-1.6
MNB	5.95	328	P	14 45.40	0.7
EDM	5.95	359	eP	14 43.80	-0.7
VDB	6.19	290	P	14 46.80	-1.0
SHW	6.28	263	P	14 48.20	-1.1
HNB	6.55	291	P	14 51.40	-1.5
THOB	6.62	327	P	14 54.80	0.7
SNB	6.83	286	P	14 56.80	-0.1
VGZ	6.89	283	P	14 56.30	-1.3
PGC	7.00	285	eP	14 59.00	-0.2
DAU	7.01	168	P	15 04.00	4.3X
BIB	7.04	291	P	14 58.70	-1.1
DUG	7.09	177	P	15 02.40	1.8
RSSD	7.17	113	P	14 59.00	-2.8X
BMN	7.42	204	P	15 05.00	-0.3
NAB	7.45	289	P	15 05.90	0.4
COR	7.52	253	eP	15 07.00	0.5
EUR	8.04	195	iP	15 13.80	-0.2
	0.3s	4.04nm		5.1mb	X
FFC	10.28	39	eP	15 40.20	-4.5X
CLC	11.90	197	eP	16 24.00	17.0X
GSC	12.26	194	eP	16 07.00	-4.8X
SBB	13.04	197	eP	16 31.00	8.8X
TPC	13.33	190	eP	16 31.00	5.0X
ALQ	13.33	155	eP	16 29.00	2.9X
	1.0s	6.25nm		4.6mb	
MWC	13.54	197	eP	16 18.00	-10.9X
RVR	13.63	195	eP	16 44.00	14.1X
PAS	13.63	198	eP	16 35.00	5.1X
BAR	14.81	191	eP	16 56.00	10.6X
YKC	15.25	358	eP	16 42.50	-8.5X

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YKA     15.27 358 eP     16 46.90   -4.3X
LHC     16.12  77 eP     16 57.00   -5.2X
TUL     17.25 125 eP     17 15.70   -1.0
        0.8s     43.30nm          4.6mb
     Z  18s      0.85um
RLO     17.50 123 eP     17 13.10   -6.7X
BHO     18.89 126 e(P)   17 36.00   -0.9
FVM     19.12 111 P      17 36.00   -3.7X
        0.9s      8.47nm          4.0mb
JCT     19.72 144 eP     17 47.00    0.2
ELC     20.30 111 P      17 50.60   -2.2X
HKT     21.92 136 eP     18 10.00    0.7
                  S      25 02.00
INK     23.45 341 eP     18 25.00    1.0
COL     25.63 326 eP     18 46.00    0.9
FBA     25.63 326 P      18 46.30    1.2
        1.0s     17.50nm          4.7mb
OTT     25.81  80 eP     18 51.00    4.1X
BLA     26.12 101 P      18 54.90    5.0X
        0.9s     49.59nm          5.2mb
MNT     27.18  79 eP     19 15.00   15.5X
TTA     28.38 319 P      19 10.00   -0.3
        1.0s     10.25nm          4.6mb
MBC     29.18 357 iPd    19 17.60    0.4
        0.8s     18.00nm          4.9mb
FRB     29.40  40 eP     19 20.00    0.7
SCH     29.69  58 eP     19 20.00   -2.1
BRW     31.52 335 P      19 38.50    0.5
SOD     61.72  16 iP     23 32.70   -1.7
NB2     63.11  27 P      23 42.40   -1.4
        1.0s      8.60nm          4.9mb
HFS     64.58  26 eP     23 51.40   -1.9
        0.8s      9.70nm          5.0mb
KJF     64.72  18 iP     23 53.00   -1.2
        0.7s     17.40nm          5.4mb
SUF     65.68  19 eP     24 02.00    1.6
NUR     67.26  21 iP     24 09.00   -1.5
        0.6s     11.70nm          5.3mb
     S.D. = 1.0   on  56 of  78 obs.

%  APR  01, 1985  09h 47m 35.73± 5.22s
   31.402 S ±33.3km   68.417 W ±34.8km
   DEPTH = 103.8 ± 49.1 km
 SAN JUAN PROVINCE, ARGENTINA      (137)

RTLL    0.09 328 iPd     47 50.30   -0.4
                 (S)     47 59.70
CFA     0.25 143 iPc     47 51.50    0.4
                 S       48 03.10
RTCB    0.34 256 iPd     47 51.20   -0.1
                 S       48 02.30
VCA     2.66   4 ePd     48 18.00    0.1
                 S       48 49.70
TCA     3.27  90 iPd     48 26.00   -0.1
                 S       49 03.70
     S.D. = 0.6   on   5 of   5 obs.

*  APR  01, 1985  10h 36m 10.26± 0.76s
   8.452 N ±10.9km  103.202 W ±13.3km
   DEPTH =  10.0km  (geophysicist)
   5.0mb ( 14 obs.) 4.8Msz (  4 obs.)
 OFF COAST OF MEXICO               ( 63)
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 15S, 30C
      Centroid Location:
      Origin Time        10:36:14.7 0.3
      Lat  8.39N  FIX;Lon 103.37W  FIX
      Dep  12.6 5.7 Half-duration  2.6
      Moment Tensor; Scale 10**24 D-CM
        Mrr=-0.50 0.12  Mtt= 1.23 0.15
        Mff=-0.73 0.18  Mrt= 2.81 0.43
        Mrf=-1.89 0.36  Mtf=-3.08 0.11
       Principal Axes:
        T  Val=  5.42  Plg=30  Azm= 36
        N       -2.41      58      238
        P       -3.01      10      131
       Best Double Couple:Mo=4.2*10**24
        NP1:Strike=178 Dip=62 Slip=  15
        NP2:          80      77      151

GIE     15.77 125 P      39 58.00    3.9X
     Z  16s     40.40um
     E  18s     28.18um
                 S       43 20.00
LTX     20.78 359 iP     40 55.10    0.9
        1.2s     42.32nm          4.7mb
     Z  22s      1.26um          4.2Msz
JCT     22.14   8 eP     41 09.00    1.1
UPA     23.40  87 Pd     41 29.20    8.9X
                LQ       45 44.00
GCM     23.73  61 P      41 28.20    4.7X
ALQ     26.53 354 eP     41 48.00   -2.2
        1.5s     38.19nm          4.9mb
PSO     26.76 104 eP     41 55.00    2.3
BAR     27.15 335 eP     41 55 00   -0.7
OCO     27.45  10 e(P)   41 59.20    0.8
TPC     28.14 337 eP     42 15.00   10.3X
TUL     28.16  13 eP     42 03.60   -1.2
        0.9s     27.10nm          5.0mb
     Z  20s      4.69um          5.1Msz
     N  22s      2.62um
     E  18s      1.81um
                 eS       47 00.00
RVR     28.58 335 eP     42 09.00    0.4
RLO     28.58  14 eP     42 08.40   -0.2
BOG     29.19  96 eP     42 17.00    2.3
                 eS       47 11.00
SBB     29.36 335 eP     42 18.00    2.3
CLC     30.25 336 eP     42 26.00    2.4
GOL     31.17 357 eP     42 32.00    0.0
        1.0s      4.50nm          4.3mb
     Z  20s      2.00um          4.8Msz
GLD     31.22 357 eP     42 33.00    0.7
        1.0s     22.00nm          5.0mb
FVM     31.59  19 eP     42 36.00    0.7
        1.2s     29.41nm          5.1mb
PRM     31.92  34 eP     42 38.00   -0.3
MNA     32.75 338 eP     42 51.90    6.2X
EUR     32.95 342 iP     42 48.80    1.3
        0.4s      8.00nm          5.0mb
BMN     34.21 341 P      42 57.50   -0.8
        1.4s     56.25nm          5.3mb
BDW     34.64 352 eP     43 02.00   -0.1
        1.0s     36.00nm          5.2mb
NAV     35.18  32 P      43 07.40    0.8
BLA     35.30  32 P      43 07.10   -0.5
RSSD    35.54 359 eP     43 11.30    1.6
        1.2s     20.69nm          4.9mb
MIN     35.75 336 eP     43 13.60    2.1
CAR     35.83  84 eP     43 21.00    8.6X
SJG     37.25  71 eP     43 23.00   -1.2
LRM     38.08 349 eP     43 31.50    0.4
ARE     39.97 128 eP     43 48.00    0.7
NEW     41.39 346 eP     43 57.00   -1.3
LHC     41.53  14 eP     44 12.00   12.6X
SES     42.32 353 eP     44 06.00    0.2
LPB     42.69 126 P      44 11.00    1.2
                 S       50 34.00
                 LR      57 28.00
RSON    43.00   9 eP     44 11.30   -0.1
        1.1s     16.28nm          4.7mb
     Z  22s      1.59um          4.9Msz
OTT     43.78  28 eP     44 19.00    1.3
MNT     44.86  29 eP     44 25.50   -0.9
EDM     45.39 351 ePd     44 30.80    0.1
        1.3s     88.00nm          5.6mb
FFC     46.16   1 eP     44 35.50   -1.1
        1.5s     38.00nm          5.2mb
YJA     47.87 130 ePc     44 51.60    0.4
YKC     54.55 354 eP     45 39.00   -1.5
SCH     54.56  25 eP     45 40.00   -0.8
YKA     54.58 354 eP     45 39.90   -0.8
BAO     59.69 114 e(P)   46 16.00   -1.9
FRB     60.48  17 eP     46 21.00   -1.4
INK     63.04 348 eP     46 38.00   -1.5
VAO     63.26 121 e(P)   46 40.00   -1.8
ITR     66.76 103 eP     47 03.70   -0.8
                 e       47 10.00
MBC     68.33 356 eP     47 12.00   -1.4
DAG     80.55  13 iPd     48 22.90   -0.9
        1.0s     10.00nm          4.8mb
WB2    123.29 252 ePKP    55 12.30    2.4X
HKC    132.30 311 ePKP    55 38.00   10.9X
CHTO   145.20 321 ePKP    55 50.00   -0.7
IPM    152.59 297 ePKPc   56 12.20    9.8X
     S.D. = 1.3   on  46 of  56 obs.

?  APR  01, 1985  12h 57m 02.50± 1.14s
   31.849 N ±15.6km  116.051 W ± 5.9km
   DEPTH =   5.0km  (geophysicist)
 BAJA CALIFORNIA                   ( 48)

ENX     0.52 274 iPd     57 12.95    0.0
                 S       57 20.48
PBX     0.57 259 iPd     57 14.02    0.0
                 S       57 22.54
CBX     0.70 312 iPd     57 16.44    0.0
                 S       57 26.12
EMX     0.70  78 iPd     57 16.53    0.0
                 S       57 27.02
     S.D. = 0.0   on   4 of   4 obs.

?  APR  01, 1985  13h 41m 33.80±10.32s
   61.969 N ±73.4km    4.490 E ±32.5km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                   (535)
     DUR 2.4 (BER).

SUE     0.92 172 iPn     41 51.40    0.8
                 iPg     41 52.70
                 eSn     42 02.90
                 eSg     42 05.10
HYA     1.14 134 iPn     41 55.00   -0.2
                 iSn     42 09.80
ASK     1.53 167 iPn     42 01.20    0.1
                 eSn     42 22.90
BER     1.64 165 iPn     42 03.70    1.0
                 eSn     42 23.80
ODD     2.29 151 iPn     42 12.20    0.0
                 eSn     42 38.80
KMY     2.79 172 iPn     42 18.40   -0.9
                 iSn     42 50.10
     S.D. = 0.8   on   6 of   6 obs.

*  APR  01, 1985  13h 58m 35.22± 1.03s
   36.355 N ± 7.8km  141.303 E ±10.0km
   DEPTH =  56.1 ±  7.5 km
   4.6mb (  5 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

ONA     0.67 332 P       58 47.80   -1.1
                 S       59 11.00
MIT     0.67 272 Pd      58 49.10    0.1
                 S       58 58.00
CHO     0.73 211 eP      58 49.00   -0.7
                 iS      59 01.40
TSK     0.98 262 iPd     58 52.10   -0.8
TOK     1.42 242 P       58 59.50    0.5
                 eS      59 21.00
KYS     1.49 219 eP      59 00.60    0.6
FKS     1.55 335 Pc      59 00.50   -0.3
                 S       59 20.20
DDR     1.74 259 eP      59 03.10   -0.5
                 e       59 27.60
SRY     1.81 246 eP      59 04.60    0.1
OYM     1.92 241 eP      59 06.90    0.9
MAT     2.50 275 iPd     59 15.50    1.2
                 eS      59 47.00
SHK     7.27 258 eP      00 22.00    0.7
MDJ    12.14 316 eP      01 30.00    2.4
CN2    14.22 306 eP      01 58.20    3.1X
TIA    19.49 277 eP      02 58.40   -2.0
BJI    20.07 288 eP      03 04.00   -2.4
XAN    26.50 275 eP      04 09.60    0.5
GYA    31.03 261 P       04 49.40   -0.5
CD2    31.59 271 eP      04 53.90   -0.9
KMI    34.78 262 eP      05 21.50   -1.1
WMQ    41.07 298 eP      06 17.50    2.7
PKI    47.66 276 eP      07 89.00    0.7
        0.8s     12.00nm          4.9mb
WB2    56.38 188 eP      08 17.30    4.3
MBC    57.20  16 eP      08 18.00   -0.3
YKA    64.44  30 eP      09 08.50    1.0
YKC    64.50  30 eP      09 07.00   -0.9
SOD    65.56 337 eP      09 14.00   -0.6
KJF    67.09 334 iP      09 24.50    0.1
        0.6s     15.60nm          5.2mb
SUF    68.55 333 iP      09 33.40   -0.1
        0.4s      1.70nm          4.4mb
NUR    70.51 332 iP      09 45.10   -0.4
NB2    74.78 337 P       10 11.00    0.2
        0.8s      4.60nm          4.5mb
EUR    76.34  51 iP      10 21.20    0.9
        1.0s      2.31nm          4.1mb
     S.D. = 1.2   on  30 of  32 obs.

&  APR  01, 1985  14h 09m 21.10s
   39.118 N          122.318 W
   DEPTH =   2.0km  (geophysicist)
 NORTHERN CALIFORNIA               ( 36)
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01d 14h

<BRK>. ML 3.2 (BRK). Felt (III) at Clearlake Oaks and Williams.

ORV	0.77	55	iPc	09 35.80	-0.7
NWRM	0.80	214	eP	09 35.00	-2.0
RMT	0.84	341	eP	09 36.50	-1.4
BKS	1.24	177	iP	09 41.60	-3.3
			iS	09 54.30	
BRK	1.24	178	eP	09 41.70	-3.2
MIN	1.34	24	iPd	09 44.30	-2.4
WDC	1.47	353	iPd	09 45.00	-3.6
PCC	1.62	182	ePc	09 47.30	-3.4
APN	1.87	160	eP	09 51.40	-3.1
JAS1	1.91	128	iPc	09 52.50	-2.4
WCN	2.00	84	P	09 56.20	-0.3
FHC	2.11	323	eP	10 01.80	3.8
LMHM	2.51	11	P	10 03.00	-0.8
FRI	2.96	135	P	10 08.30	-1.7
MNA	3.32	191	P	10 14.00	-1.3
BMN	4.14	70	P	10 34.50	7.6
	0.7s		8.89nm		
	16 obs. associated				

APR 01, 1985 14h 30m 25.41± 0.87s
65.795 N ± 6.4km 155.302 W ± 9.5km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 4.1 (PMR).

IMA	0.72	67	iPc	30 39.70	0.0
TTA	2.89	187	eP	31 12.50	0.1
FBA	3.27	103	eP	31 17.10	-0.6
SVW	4.71	182	eP	31 37.80	-0.4
PME	5.02	143	eP	31 42.90	0.4
TOA	5.47	128	eP	31 49.40	0.5
BRW	5.56	355	e(P)	31 50.20	0.1
DWY	6.96	97	P	32 05.00	-4.9X
	S.D. = 0.5	on	7 of	8 obs.	

APR 01, 1985 14h 37m 27.44± 0.88s
65.818 N ± 6.2km 155.236 W ± 9.9km
DEPTH = 10.0km (geophysicist)
4.3mb (2 obs.)
ALASKA (676)
ML 4.8 (PMR).

IMA	0.69	68	iPc	37 41.50	0.4
TTA	2.92	187	e(P)	38 14.10	-0.7
COL	3.25	103	eP	38 18.00	-1.5
FBA	3.25	103	eP	38 18.10	-1.4
SVW	4.73	182	iPc	38 39.50	-1.1
PME	5.03	144	ePd	38 44.50	-0.1
TOA	5.46	129	eP	38 52.20	1.4
BRW	5.54	355	eP	38 52.00	0.2
DWY	6.94	98	P	39 09.70	-1.9X
KDC	8.20	170	e(P)	39 29.70	0.5
INK	8.82	64	eP	39 37.00	-0.8
MBC	15.29	32	eP	41 04.00	-0.5
YKA	17.79	82	eP	41 37.00	0.8
YKC	17.85	82	eP	41 36.00	-1.0
EDM	24.15	101	eP	42 32.00	-12.1X
PNT	24.75	114	eP	42 52.00	2.1
	0.8s		8.00nm		4.4mb
BDW	34.05	110	eP	44 15.20	1.5
	1.0s		2.60nm		4.1mb
FRB	34.24	52	eP	44 15.00	0.2
	S.D. = 1.1	on	16 of	18 obs.	

* APR 01, 1985 15h 41m 32.54± 1.13s
41.864 N ±16.8km 19.606 E ±11.8km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.2 (TTG)

ULC	0.28	291	ePg	41 39.00	0.5
			eSg	41 45.20	
TTG	0.62	336	ePg	41 43.00	-2.0
			eSg	41 53.70	
HCY	1.01	306	ePg	41 51.50	-0.1
			eSg	42 07.00	
OHR	1.17	130	ePn	41 53.50	-0.9
BRY	1.30	323	ePg	41 58.00	1.3
			eSg	42 18.00	
SKO	1.37	85	ePn	41 59.00	1.3
	S.D. = 1.7	on	6 of	6 obs.	

APR 01, 1985 16h 27m 41.53± 0.83s
65.820 N ± 5.8km 155.337 W ± 8.8km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 4.3 (PMR).

IMA	0.72	69	iPc	27 56.20	0.3
TTA	2.92	186	eP	28 29.00	0.1
COL	3.29	103	eP	28 33.00	-1.1
FBA	3.29	103	e(P)	28 33.90	-0.2
SVW	4.73	182	e(P)	28 54.00	-0.7
PME	5.05	143	e(P)	28 59.50	0.4
TOA	5.49	129	e(P)	29 06.40	1.0
BRW	5.53	355	e(P)	29 06.40	0.5
DWY	6.98	97	P	29 24.00	-2.3X
MBC	15.31	32	eP	31 18.00	-0.8
YKA	17.83	82	eP	31 54.90	4.1X
YKC	17.89	82	eP	31 52.00	0.4
	S.D. = 0.8	on	10 of	12 obs.	

? APR 01, 1985 18h 15m 30.39± 1.92s
22.273 S ±16.4km 177.005 W ±20.1km
DEPTH = 426.7 ± 52.6 km
SOUTH OF FIJI ISLANDS (171)

AFI	9.69	32	P	17 46.00	0.0
			S	19 31.00	
PVC	14.52	285	iPc	18 38.50	-0.2
NOU	15.31	267	iPc	18 47.20	0.2
KRP	16.87	201	P	19 03.00	0.3
MNG	19.36	197	P	19 27.00	-0.3
			S	22 43.60	
WB2	45.29	264	eP	23 10.00	0.1
	S.D = 0.4	on	6 of	6 obs.	

APR 01, 1985 18h 33m 15.49± 0.71s
60.722 N ± 5.2km 5.563 E ± 7.4km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.9 (BER).

ASK	0.30	217	iPg	33 21.60	-0.1
			eSg	33 25.00	
BER	0.36	199	ePg	33 22.50	-0.3
			eSg	33 27.50	
SUE	0.52	311	iPgd	33 25.90	0.0
			iSg	33 33.50	
HYA	0.54	34	iPgd	33 26.40	0.0
			iSg	33 35.00	
ODD	0.95	144	iPnd	33 33.30	-0.3
			eSn	33 45.40	
KMY	1.52	186	ePn	33 43.50	0.8
			eSn	34 01.60	
	S.D. = 0.5	on	6 of	6 obs.	

* APR 01, 1985 19h 39m 47.55± 2.45s
65.857 N ±17.3km 155.456 W ±21.6km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 4.2 (PMR).

IMA	0.76	73	iPc	40 02.50	0.0
TTA	2.95	185	eP	40 35.40	0.1
FBA	3.35	103	eP	40 40.40	-0.6
SVW	4.77	181	eP	41 00.90	-0.3
PME	5.11	143	eP	41 06.50	0.6
DWY	7.04	98	P	41 31.00	-2.0X
INK	8.89	64	eP	41 59.00	0.2
	S.D. = 0.5	on	6 of	7 obs.	

APR 01, 1985 20h 13m 46.12± 1.23s
27.796 N ± 6.9km 142.862 E ±10.2km
DEPTH = 30.0 ± 8.0 km
4.4mb (4 obs.)
BONIN ISLANDS REGION (212)

CBI	0.93	221	eP	14 04.00	1.0
			eS	14 18.00	
KYS	7.73	343	eP	15 38.30	-1.2
OYM	8.20	339	eP	15 46.00	-0.1
SRY	8.37	339	eP	15 38.30	-10.0X
TSK	8.71	345	eP	15 51.80	-1.2
DDR	8.75	340	eP	15 53.00	-0.7
MAT	9.57	337	iPd	16 04.80	-0.1
	0.6s		10.67nm		5.3mb
			eS	17 51.00	
MDJ	19.87	331	eP	18 19.00	1.4
CN2	21.25	323	eP	18 32.40	0.5
			sP	18 45.50	
TIA	23.33	298	eP	18 52.40	-0.2
BJI	25.19	306	eP	19 11.00	0.5
GYA	32.17	276	eP	20 12.80	-0.9
CD2	34.11	285	Pd	20 29.90	-0.5
KMI	35.91	275	eP	20 45.00	-1.1
GTA	37.36	299	P	20 58.20	0.2
WMQ	46.66	305	P	22 15.00	1.2
WB2	48.17	191	iPd	22 23.70	-2.0
PKI	50.46	284	eP	22 44.00	0.3
NDI	57.15	288	eP	23 31.00	-1.6
HYB	59.69	275	eP	23 50.00	-0.5
INK	62.15	25	eP	24 05.00	-1.5
MBC	65.06	15	eP	24 26.00	0.6
MHI	69.14	301	eP	24 54.00	2.1
YKA	71.24	29	eP	25 04.70	0.6
YKC	71.30	29	eP	25 04.00	-0.5
KJF	75.38	336	eP	25 29.00	0.7
SUF	76.81	335	iP	25 37.00	0.7
	0.6s		3.00nm		4.5mb
NUR	78.70	334	eP	25 48.00	1.3
FFC	80.83	32	eP	25 59.00	0.7
HFS	83.02	337	eP	26 09.20	-0.4
	0.6s		1.50nm		4.3mb
NB2	83.18	339	P	26 11.00	0.5
	0.7s		0.90nm		4.0mb
	S.D. = 1.0	on	30 of	31 obs.	

APR 01, 1985 20h 33m 04.95± 0.74s
38.887 N ± 6.9km 26.280 E ± 6.7km
DEPTH = 33.0km (normal)
AEGEAN SEA (365)
ML 3.5 (ATH).

PRK	0.36	359	iPgc	33 12.70	-0.8
			eSg	33 23.50	
IZM	0.91	122	ePg	33 20.50	-0.9
			lSg	33 35.00	
EZN	0.94	2	iPn	33 22.00	0.2
EDC	1.90	39	iPn	33 36.30	0.6
DST	1.96	68	ePn	33 40.00	3.4X
KCT	2.10	49	iPn	33 39.50	0.9
ATH	2.21	246	ePb	33 40.70	0.7
			eSn	34 08.70	
KDZ	2.84	346	iPc	33 49.00	0.0
			iS	34 31.00	
YLV	2.92	54	ePn	33 57.00	6.9X
DMK	3.14	21	iP	33 53.60	0.4
MMB	3.33	325	eP	33 56.00	0.0
GPA	3.41	65	ePn	33 52.20	-5.0X
PVL	4.34	349	e(P)	34 09.00	-1.2
VTS	4.39	329	e(P)	34 11.00	0.1
	S.D. = 0.8	on	11 of	14 obs.	

APR 01, 1985 21h 30m 09.09± 0.70s
35.616 N ± 7.0km 139.502 E ± 5.4km
DEPTH = 10.0km (geophysicist)
NEAR S. COAST OF HONSHU, JAPAN (230)

SRY	0.19	268	iPc	30 13.40	0.2
TOK	0.22	71	P	30 15.20	1.4
			iS	30 20.30	
OYM	0.29	227	iPd	30 15.00	-0.1
DDR	0.46	327	eP	30 18.30	-0.1
			e	30 25.90	
KYS	0.67	128	eP	30 22.00	-0.5
TSK	0.77	40	iPd	30 22.90	-1.2
MAT	1.40	312	eP	30 35.00	0.4
			eS	30 54.00	
	S.D. = 1.0	on	7 of	7 obs.	

& APR 01, 1985 21h 31m 18.48s
19.364 N 155.085 W
DEPTH = 9.0km
HAWAII (613)
<HVO-P>. ML 4.3 (HVO). Felt.

WHA	0.05	133	iPc	31 20.42	0.0
			iS	31 22.11	
MKA	0.07	273	iPd	31 20.76	-0.1
KAE	0.09	211	iPc	31 21.07	0.2
PUH	0.13	276	iPd	31 21.55	0.0
MVH	0.14	9	iPd	31 21.91	0.2
ESR	0.15	288	iPd	31 22.01	0.0
PWH	0.15	239	iPd	31 22.22	0.2
AHA	0.17	273	iPd	31 22.33	0.0
RIM	0.18	281	iPd	31 22.47	-0.1

OUT 0.19 278 iPd 31 22.58 -0.1
NPH 0.19 285 iPd 31 22.48 -0.3
UWE 0.21 287 iPc 31 23.00 0.0
HLP 0.22 253 iPd 31 23.18 -0.1
CPK 0.23 278 iPd 31 23.09 -0.4
MLX 0.26 291 iPd 31 23.90 -0.2
KPO 0.27 59 iPd 31 23.80 -0.2
DES 0.29 265 iPd 31 23.91 -0.6
MLH 0.32 295 iPd 31 24.82 -0.2
NGH 0.34 9 iPd 31 25.86 0.4
AIN 0.35 272 iPd 31 25.45 -0.3
PPL 0.41 240 ePc 31 26.54 -0.3
KHU 0.52 257 iPc 31 27.96 -1.0
HPU 0.54 320 iPc 31 28.99 -0.6
KKU 0.58 335 iPc 31 29.69 -0.5
KUH 0.75 263 ePc 31 30.90 -2.4
HUH 0.78 294 iPc 31 32.23 -1.7
EDM 46.61 33 iPc 39 47.00 -1.7
MBC 59.77 9 eP 41 24.00 -1.8
28 obs. associated

? APR 01, 1985 22h 49m 20.95± 2.35s
11.910 N ±30.5km 91.486 W ±16.7km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL AMERICA (76)

COM 4.36 352 iP 50 27.00 0.2
iS 51 07.00
VHO 7.34 317 iP 51 07.00 -1.7
iS 52 16.00
PIO 7.83 305 eP 51 15.00 -0.5
TPM 10.14 315 iP 51 49.00 1.5
OXM 10.78 314 eP 51 57.00 0.5
PNT 43.96 334 eP 57 28.00 1.4
YKC 53.12 347 eP 58 36.50 -0.9
YKA 53.16 347 eP 58 37.10 -0.6
INK 62.56 344 eP 59 44.00 0.4
MBC 66.04 353 eP 00 06.00 -0.1
CHTO 147.79 341 ePKP 09 12.50 10.6X
HYB 149.24 19 ePKP 09 16.00 11.7X
S.D. = 1.1 on 10 of 12 obs.

? APR 02, 1985 01h 03m 37.15± 3.48s
22.602 S ±23.7km 176.603 W ±20.0km
DEPTH = 215.8 ± 29.6 km
4.2mb (3 obs.)
SOUTH OF FIJI ISLANDS (171)

VUN 6.51 314 eP 05 12.00 0.2
NDF 7.38 310 eP 05 26.00 2.9X
AFI 9.78 29 P 05 37.00 -17.4X
S 07 28.00
RMQ 31.69 256 eP 09 42.00 -0.5
PMG 37.11 285 eP 10 32.00 3.3X
WB2 45.62 264 eP 11 36.70 -1.2
WRA 45.63 264 Pd 11 37.80 -0.2
0.9s 12.50nm 4.3mb
SPA 67.53 180 e(P) 14 13.00 1.0
MAT 72.66 323 (P) 14 43.00 0.0
Z 20s 0.53um 4.8Msz
(S) 25 18.00
EUR 83.76 43 eP 15 43.00 -0.4
PSI 85.93 275 ePc 15 56.50 2.1
LTX 87.10 57 eP 15 59.30 -0.6
0.8s 1.02nm 3.7mb
ALO 87.71 51 eP 16 02.00 -0.9
1.0s 5.75nm 4.4mb
COL 90.01 12 eP 16 15.00 2.3
CHTO 92.17 289 eP 16 29.50 5.9X
PKI 106.85 293 ePdiff17 21.40 -8.7X
0.4s 8.00nm 6.2mb X
DMN 107.12 293 ePdiff17 18.00 -13.2X
0.3s 4.00nm
NUR 139.31 344 ePKP 22 38.00 -1.5
NB2 141.21 354 PKP 22 49.60 6.5X
0.7s 1.00nm
HFS 141.80 352 ePKP 22 41.40 -2.7X
0.3s 0.70nm
CLL 150.39 348 iPKP 23 07.10 8.8X
0.8s 11.00nm
i 23 19.00
BRG 150.60 346 iPKP 23 07.70 9.0X
0.6s 20.00nm
i 23 20.00
PRU 151.30 345 ePKP 23 08.00 8.3X
COZ 151.61 328 ePKP 23 10.00 9.4X
e 52 20.00
KHC 152.32 346 PKPd 23 11.70 10.4X
S.D. = 1.4 on 12 of 25 obs.

* APR 02, 1985 01h 32m 05.71± 0.43s
23.968 S ± 9.8km 175.629 W ± 7.6km
DEPTH = 33.0km (normal)
4.9mb (8 obs.) 5.0Msz (1 obs.)
TONGA ISLANDS REGION (174)

VUN 8.10 316 iP 34 04.00 0.0
NDF 8.95 312 iP 34 16.00 0.4
AFI 10.65 21 P 34 29.00 -10.1X
S 36 13.00
PVC 16.23 289 iPc 35 55.20 2.3
NOU 16.57 272 iPd 36 02.80 5.7X
MNG 18.20 202 eP 36 18.00 0.5
eS 39 16.00
SVO 27.70 298 e(P) 38 03.00 10.0X
RMQ 32.26 258 eP 38 34.00 0.5
0.9s 21.00nm 5.0mb
CTA 35.47 269 iPc 39 00.00 -1.4
0.9s 18.07nm 5.0mb
CTAO 35.47 269 eP 39 00.20 -1.2
0.6s 7.55nm 4.8mb
PMG 38.33 286 eP 39 23.00 -2.4
0.9s 50.42nm 5.3mb
ASPA 45.97 260 eP 40 27.00 -0.7
KNA 52.66 268 eP 41 18.00 -1.3
SPA 66.17 180 e(P) 42 51.40 -0.7
PAS 79.49 45 eP 44 11.00 0.3
SBB 80.05 45 eP 44 14.00 0.2
CLC 80.89 44 eP 44 16.00 -2.2
GSC 81.09 45 eP 44 20.00 0.8
KGM 82.64 275 ePc 44 28.50 0.8
EUR 84.16 42 iP 44 35.00 -0.2
1.0s 2.88nm 4.4mb
IPM 85.78 277 ePd 44 43.80 0.3
CN2 86.37 322 eP 44 44.80 -0.9
LTX 87.11 56 eP 44 51.20 1.4
1.1s 4.00nm 4.6mb
TIA 87.22 312 Pd 44 50.10 0.0
ALO 87.88 50 eP 44 53.80 0.2
1.0s 5.25nm 4.8mb
PNT 88.33 33 eP 44 55.00 -0.1
COL 91.16 11 eP 45 06.00 -2.0
TIY 91.21 311 eP 45 08.90 0.0
XAN 91.96 306 Pd 45 13.20 0.8
KMI 92.86 296 eP 45 18.00 1.0
CHTO 93.46 289 iPc 45 21.00 1.5
0.9s 10.66nm 5.3mb
EDM 93.84 32 eP 45 19.50 -1.1
YKA 98.74 24 eP 45 43.40 0.8
BUL 130.20 210 ePKP 51 16.50 1.6
KJF 136.95 345 ePKP 51 24.00 -2.2X
SUF 138.59 345 ePKP 51 30.00 0.7
0.8s 3.60nm
NUR 140.86 344 ePKP 51 26.00 -7.5X
NB2 142.65 355 PKP 51 32.60 -4.1X
0.9s 2.20nm
HFS 143.27 352 ePKP 51 32.20 -5.5X
0.8s 2.10nm
MUD 147.35 355 ePKP 51 47.00 2.4X
KRA 151.26 339 ePKPd 51 57.20 6.3X
e 52 05.40
KSP 151.62 344 iPKPc 51 58.00 6.6X
1.0s 47.00nm
i 52 10.40
CLL 151.90 348 iPKPc 51 58.70 6.9X
0.9s 28.00nm
i 52 11.80
SPC 151.90 338 ePKP 52 01.00 8.9X
BRG 152.13 347 iPKPc 51 59.00 6.9X
0.6s 24.00nm
i 52 11.40
MOX 152.78 350 ePKP 52 01.50 8.4X
PRU 152.84 346 PKP 52 01.00 7.9X
e 53 13.00
GRF 153.77 350 ePKP 52 03.00 8.5X
Z 18s 0.20um 5.0Msz
e 52 15.10
e 52 27.20
ZST 153.80 340 ePKP 51 56.50 2.0X
e 52 15.00
DOU 153.92 360 PKP 52 03.70 9.1X
KDZ 155.18 320 iPKPd 52 05.00 8.4X
VTS 155.74 325 e(PKP)52 07.00 9.7X
KBA 155.84 345 ePKP 52 13.00 15.4X
1.0s 4.90nm
i 52 26.50
MMB 156.14 322 ePKP 52 07.00 9.0X
BNG 156.25 217 ePKPd 52 08.50 9.6X
1.0s 7.90nm
OHR 158.06 325 ePKP 52 18.80 18.4X
S.D. = 1.2 on 32 of 56 obs.

APR 02, 1985 01h 56m 06.92± 0.60s
30.549 S ± 8.2km 179.051 E ± 5.5km
DEPTH = 517.2 ± 7.9 km
4.9mb (14 obs.)
KERMADEC ISLANDS REGION (177)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 15C
Centroid Location:
Origin Time 01:56:18.1 0.9
Lat 29.77S 0.16 Lon 178.97E 0.11
Dep 539.4 5.7 Half-duration 1.6
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.95 0.11 Mtt= 1.16 0.17
Mff=-0.21 0.14 Mrt=-0.72 0.13
Mrf= 0.38 0.19 Mtf=-0.69 0.14
Principal Axes:
T Val= 1.70 Plg=17 Azm=203
N -0.49 5 295
P -1.21 72 41
Best Double Couple:Mo=1.4**10**24
NP1:Strike=285 Dip=28 Slip=-101
NP2: 118 62 -84

RAO 2.93 65 P 57 20.00 0.6
S 58 03.50
KRP 7.91 201 iPc 58 08.00 4.2X
S 59 45.00
pPcP 06 22.00
MNG 10.46 195 P 58 28.40 -1.8
i 00 21.50
S 00 24.60
WEL 11.26 197 P 58 37.20 -1.3
pP 59 07.10
S 00 41.00
TCW 11.32 199 P 58 38.80 -0.4
S 00 23.00
NDF 12.82 353 eP 58 53.10 -1.6
MSZ 16.60 209 P 59 35.50 2.9X
S 02 23.90
AFI 18.59 29 P 59 53.00 0.8
S 02 57.00
BRS 23.19 271 P 00 35.60 0.9
i 00 54.00
COO 23.37 263 iPd 00 38.90 2.6X
CAN 25.62 251 iPc 00 58.10 1.7
epP 01 15.70 77kmX
WAM 25.76 249 iPc 00 59.70 2.2
ipP 01 18.40 83kmX
e 03 15.00
ePcP 04 39.70
YOU 26.11 254 eP 01 02.40 1.7
epP 01 21.70 86kmX
RMQ 26.88 271 eP 01 08.00 0.4
CMS 28.43 259 iPd 01 21.90 0.9
TOO 28.57 247 eP 01 24.00 1.8
0.8s 27.00nm 4.9mb
TBI 28.90 83 iP 01 25.00 -0.2
0.8s 25.00nm 4.8mb
AFR 31.16 73 iP 01 44.10 -0.5
0.7s 35.00nm 5.0mb
PAE 31.26 73 iP 01 45.20 -0.2
0.7s 25.00nm 4.9mb
PPT 31.31 73 iP 01 45.90 0.0
0.7s 30.00nm 5.0mb
PPN 31.45 73 iP 01 47.10 0.1
0.7s 35.00nm 5.0mb
TVO 31.47 74 iP 01 47.30 0.0
0.7s 20.00nm 4.8mb
STK 31.96 258 iPc 01 52.20 0.9
0.6s 33.00nm 5.1mb
ADE 34.05 252 iPc 02 09.90 1.1
0.8s 40.30nm 5.0mb
VAH 34.11 71 iP 02 09.00 -0.4
0.7s 20.00nm 4.8mb
ASPA 40.56 268 iPc 03 01.50 -0.9
0.9s 36.00nm 4.9mb
eS 08 36.00
WB2 41.55 274 iPc 03 09.10 -1.2

02d 02h

		i	03	26.20		
		eScP	07	55.30		
		eS	08	44.70		
WRA	41.56	274 Pd	03	09.60	-0.8	
	0.7s	40.10nm			5.1mb	
DRV	43.05	202 eP	03	22.50	1.0	
WBN	46.06	262 eP	03	44.00	-1.5	
SBA	47.72	183 eP	03	45.20	-12.2X	
		e	09	44.20		
KNA	48.15	276 iPd	04	00.70	-0.7	
KLB	51.88	252 eP	04	27.00	-1.9	
MUN	53.05	251 eP	04	36.00	-1.2	
SPA	59.62	180 eP	05	23.50	1.1	
	0.8s	27.92nm			4.7mb	
MAT	76.95	327 (P)	07	05.00	-1.9	
PSI	82.87	277 eP	07	37.00	-1.1	
PPS	86.88	44 e(P)	07	57.60	0.4	
GCC	86.97	43 eP	07	57.80	0.2	
MHC	87.39	43 eP	08	00.10	0.3	
PAS	87.44	48 eP	08	01.00	1.1	
MWC	87.56	48 eP	08	03.00	2.3	
PLM	87.78	49 eP	08	02.00	0.3	
RVR	87.85	48 eP	08	02.00	0.2	
SBB	88.00	47 eP	08	02.00	-0.6	
FRI	88.32	45 eP	08	03.80	-0.1	
JAS1	88.50	44 eP	08	04.60	-0.2	
TPC	88.77	49 eP	08	07.00	0.9	
CLC	88.86	47 eP	08	06.00	-0.5	
GLA	88.93	50 eP	08	08.00	1.2	
ORV	88.95	42 eP	08	06.70	-0.1	
GSC	89.04	47 eP	08	08.00	0.6	
WDC	89.05	40 iPd	08	07.40	0.2	
MIN	89.42	41 eP	08	08.90	-0.2	
MNA	90.19	44 eP	08	12.70	0.0	
EUR	92.17	45 iP	08	21.20	-0.7	
	0.2s	18.14nm			5.8mb	
MBC	113.13	13 ePKP	13	48.00	2.6X	
	0.5s	2.00nm				
BUL	122.14	213 iPKPc	14	04.00	-0.4	
	0.7s	5.14nm				
		i	16	23.00		
MTD	123.48	218 ePKP	14	06.00	-1.0	
		i	16	28.00		
KRI	124.46	216 ePKP	14	08.00	-1.0	
		i	16	31.00		
SOB1	124.93	129 e(PKP)	14	04.00	-5.9X	
FRB	126.81	31 ePKP	14	09.00	-2.9X	
ITR	126.89	131 ePKP	14	12.40	-1.2	
DAG	132.95	6 iPKPd	14	20.30	-3.0X	
	0.3s	15.58nm				
SOD	139.66	344 ePKP	14	26.00	-10.0X	
KJF	141.81	340 ePKP	14	33.00	-6.9X	
SUF	143.39	339 iPKP	14	38.50	-4.2X	
	0.4s	29.90nm				
UPP	148.14	342 iPKP	14	52.10	1.6	
		i	14	57.10		
BNG	148.18	219 iPKPd	14	55.50	3.4X	
	0.8s	30.60nm				
		iPP	15	05.20		
		i	15	13.00		
		i	17	02.50		
		i	17	43.00		
		i	18	11.80		
NB2	148.46	349 PKP	14	53.80	2.7X	
	0.5s	9.00nm				
HFS	148.82	346 ePKP	14	49.40	-2.2	
	0.5s	11.50nm				
VRI	153.59	313 ePKP	15	07.50	8.5X	
COZ	155.33	314 ePKP	15	03.00	1.4	
KIC	155.68	171 ePKP	15	03.10	0.4	
KHC	158.42	333 ePKP	15	04.10	-1.0	

S.D. = 1.1 on 61 of 75 obs.

APR 02, 1985 02h 35m 28.85± 0.46s
28.806 S ± 4.3km 69.165 W ± 7.3km
DEPTH = 106.9 ± 5.8 km
5.0mb (7 obs.)

CHILE-ARGENTINA BORDER REGION (127)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 10C
Centroid Location:
Origin Time 02:35:36.5 1.7
Lat 28.48S 0.18 Lon 69.72W 0.21
Dep 83.2 9.7 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr=-3.34 0.60 Mtt=-2.70 0.86
Mff= 6.04 1.13 Mrt=-0.81 0.45
Mrf=-0.33 0.62 Mtf=-2.10 0.68
Principal Axes:

	Val=	Plg=	Azm=
T	6.52	0	77
N	-2.39	42	167
P	-4.13	48	346

Best Double Couple:Mo=5.3*10**23
NP1:Strike=133 Dip=58 Slip=-143
NP2: 21 59 -38

VCA	0.85	86 iPc	35	50.40	1.7	
		S	36	35.00		
RTLL	2.59	167 iPd	36	11.40	1.4	
RTCB	2.69	173 iPd	36	13.10	1.7	
		S	36	45.00		
ZON	2.76	171 eP	36	13.00	0.6	
		eS	36	46.00		
CFA	2.90	164 iPd	36	15.20	0.9	
		S	37	49.60		
CYA	2.99	84 iPc	36	15.40	0.0	
FSA	3.90	47 iPc	36	28.40	0.7	
		(S)	37	37.00		
JACH	4.05	197 iPd	36	30.50	0.5	
		i(S)	37	13.00		
MDZ	4.07	176 iP	36	32.28	2.1	
		iS	37	04.70		
ROCH	4.45	200 eP	36	34.00	-1.5	
PEL	4.52	196 eP	36	36.90	0.6	
		i	36	51.60		
		i(S)	37	31.30		
FCH	4.61	192 iPd	36	38.50	0.7	
BACH	4.67	194 iPd	36	38.60	0.2	
TCA	4.70	124 iPd	36	37.30	-1.5	
		S	37	27.70		
SAN	4.81	195 eP	36	40.00	-0.2	
PCH	4.94	193 iPc	36	41.50	-0.6	
TACH	5.06	197 eP	36	42.00	-1.8	
		iS	37	41.50		
ANT	5.20	347 eP	36	43.50	-2.1	
		eS	37	36.50		
		i	37	45.00		
SLA	5.22	40 ePd	36	46.20	0.1	
CHCH	5.27	194 iP	36	45.50	-1.1	
LNV	5.48	200 iPc	36	47.30	-2.2	
RFA	5.98	174 ePd	36	54.20	-2.2	
		(S)	37	59.30		
YJA	7.39	27 ePc	37	15.40	-0.7	
LPB	12.25	5 P	38	20.00	-1.3	
ARE	12.47	350 eP	38	26.00	2.0	
VAO	20.77	79 eP	40	01.60	-1.6	
		e	40	04.30		
		e	40	13.20		
BAO	23.53	61 P	40	29.30	-1.0	
ITR	35.10	61 e(P)	42	13.00	-0.8	
SPA	61.36	180 iPd	45	36.20	0.7	
	0.9s	35.45nm			5.4mb	
RLO	69.06	338 eP	46	25.30	0.4	
TUL	69.08	337 eP	46	25.30	0.2	
	0.8s	11.70nm			4.8mb	
FVM	69.36	342 iP	46	26.90	0.2	
	0.7s	25.85nm			5.2mb	
		pP	46	55.70	115kmX	
KIC	71.11	71 iP	46	37.90	0.1	
ALQ	72.53	329 eP	46	47.00	0.9	
	1.0s	5.75nm			4.3mb	
		e	47	17.00		
MAW	77.43	163 eP	47	14.00	0.7	
BDW	80.35	331 eP	47	30.60	0.9	
	1.0s	3.00nm			4.1mb	
RSON	82.23	345 eP	47	40.20	1.2	
SEK	82.25	118 eP	47	39.90	-0.1	
	0.3s	71.43nm			6.0mb	
BNG	90.11	85 iPc	48	18.50	0.0	
	1.1s	18.50nm			5.1mb	
KRP	90.18	226 P	48	21.00	2.6X	
WRA	126.48	208 PKPd	54	21.40	0.0	
	0.6s	3.20nm				
G8A	145.53	109 PKPc	54	56.50	0.0	
	0.7s	32.00nm				
HYB	148.32	104 ePKPd	55	05.00	4.0X	
	0.8s	26.90nm				
		e	55	35.00		

S.D. = 1.2 on 41 of 43 obs.

APR 02, 1985 03h 21m 41.42± 0.14s
21 236 S ± 5.1km 179.075 W ± 3.1km
DEPTH = 636.1km (4 depth phases)

5.4mb (38 obs.)

FIJI ISLANDS REGION (181)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 20C
Centroid Location:
Origin Time 03:21:51.1 0.9
Lat 20.43S 0.09 Lon 179.28W 0.08
Dep 637.5 6.0 Half-duration 1.7
Moment Tensor; Scale 10**23 D-CM
Mrr=-7.61 0.58 Mtt= 4.11 1.10
Mff= 3.51 0.96 Mrt=-7.48 0.98
Mrf=-4.31 0.98 Mtf= 0.41 0.93
Principal Axes:

	Val=	Plg=	Azm=
T	8.85	28	151
N	3.30	0	60
P	-12.15	62	330

Best Double Couple:Mo=1.1*10**24
NP1:Strike=241 Dip=17 Slip= -89
NP2: 60 73 -90

SVA	3.88	323 eP	23	05.00	-4.0X	
VUN	3.96	324 ePc	23	07.90	-1.7	
KRO	4.16	339 eP	23	14.80	3.8X	
NDF	4.77	316 iPc	23	15.00	-0.1	
		eS	24	50.00		
NUE	8.86	78 P	23	48.60	-1.6	
		S	25	43.00		
AFI	10.07	45 P	23	58.00	-3.8X	
		S	25	45.00		
PVC	12.39	284 iPd	24	25.00	1.1	
NOU	13.49	263 iPc	24	35.00	0.6	
KRP	17.27	194 Pc	25	11.00	0.8	
		S	28	10.00		
MNG	19.87	192 P	25	21.00	-13.1X	
		eS	28	36.00		
TCW	20.70	194 P	25	40.00	-1.5	
HNR	23.35	297 e(P)	26	14.00	8.5X	
		e(S)	30	34.00		
TBI	27.46	100 iP	26	40.50	-0.9	
	0.8s	85.00nm			5.4mb	
COO	27.66	244 eP	26	44.00	0.9	
	0.7s	27.00nm			5.0mb	
AFR	27.86	88 iP	26	43.50	-1.3	
	0.8s	130.00nm			5.6mb	
		iScP	32	22.60		
PAE	28.02	88 iP	26	44.80	-1.4	
	0.8s	55.00nm			5.2mb	
		iScP	32	23.20		
PPT	28.04	88 iP	26	45.30	-1.1	
	0.8s	80.00nm			5.4mb	
		iScP	32	23.40		
PPN	28.18	88 iP	26	46.60	-1.0	
	0.8s	70.00nm			5.3mb	
		iScP	32	23.80		
TVO	28.30	88 iP	26	47.80	-0.9	
	0.8s	110.00nm			5.5mb	
		iScP	32	24.30		
RMQ	29.83	254 iPd	27	03.00	1.4	
	0.8s	103.00nm			5.5mb	
PMO	30.24	83 iP	27	04.20	-0.9	
	0.8s	75.00nm			5.4mb	
		eScP	32	31.00		
CTA	32.42	266 iPd	27	23.60	0.1	
	0.8s	77.61nm			5.4mb	
CTAO	32.42	266 iPd	27	23.90	0.4	
	0.8s	85.78nm			5.4mb	
CMS	32.94	245 iPd	27	28.30	0.6	
PMG	34.54	285 iPd	27	40.80	-0.3	
	1.0s	260.00nm			5.8mb	
STK	36.57	245 iPd	27	58.30	0.8	
JAY	43.33	290 ePd	28	51.00	-0.7	
ASPA	43.38	258 iPd	28	51.90	-0.1	
	1.1s	170.00nm			5.4mb	
WB2	43.50	263 iPd	28	52.20	-0.7	
		e	30	26.10		
		eS	34	36.00		
WRA	43.51	263 Pd	28	52.00	-1.0	
	0.9s	91.60nm			5.2mb	
MTN	48.17	272 eP	29	27.00	-1.5	
	0.9s	240.00nm			5.7mb	
GUA	49.45	311 eP	29	36.90	-0.8	
	0.8s	280.60nm			5.7mb	
KNA	49.59	267 iPd	29	38.50	-0.4	
	0.4s	39.00nm			5.2mb	
WBN	49.72	253 iPd	29	39.50	-0.2	
AAI	54.07	281 eP	30	09.60	-1.4	

	0.5s	72.00nm		5.3mb		PNT	87.83	34	iPd	33	26.40	0.8		EAU	145.29	4	iPKPd	40	10.20	0.9	
MEK	56.79	251	eP	30	28.40	-1.2			1.0s	122.00nm		5.6mb		EBL	145.39	4	iPKPd	40	10.30	0.9	
KLB	56.83	245	iPd	30	29.40	-0.4		BSI	87.89	277	ePd	33	34.50	7.8X		EKA	145.82	4	PKPc	40	11.60	1.5	
SBA	57.08	184	eP	30	31.10	0.3			1.0s	138.70nm		5.7mb					0.9s	96.30nm					
NWAO	57.14	244	eP	30	32.00	0.1		LTX	88.30	58	eP	33	29.60	1.2		ESK	145.83	4	ePKPd	40	11.00	0.9	
RKG	57.23	242	eP	30	32.00	-0.5			1.0s	28.80nm		5.0mb					1.0s	160.00nm					
MUN	58.10	245	iPd	30	38.00	-0.4					pP	35	45.50	638km		CLI	146.88	326	ePKP	40	15.00	2.9X	
MRWA	58.64	248	iPd	30	41.30	-0.7		NEW	88.56	36	eP	33	29.00	-0.1		CFR	147.27	323	ePKP	40	15.50	2.8X	
CGP	62.59	292	ePc	31	07.50	-0.2		ALQ	88.64	52	P	33	30.40	0.4		KRA	147.55	337	iPKPd	40	16.20	3.1X	
PLP	63.68	295	ePd	31	12.00	-2.7			1.1s	23.26nm		4.9mb					1.0s	78.00nm					
TRT	67.05	270	ePd	31	36.10	0.5		KMI	88.79	297	Pd-	33	32.00	1.1					e	40	21.00		
KYS	68.16	325	eP	31	41.50	-0.3		TMI	88.95	42	P	33	32.40	1.1		VRI	147.62	325	ePKP	40	17.00	3.7X	
CYM	68.82	324	eP	31	44.20	-1.6		IMA	89.14	10	ePd	33	31.20	-0.3		BRD	147.67	325	ePKP	40	18.00	4.6X	
SPA	68.89	180	iPc	31	42.30	-3.8X		COL	89.18	13	iPd	33	30.40	-1.1		TLB	147.70	322	ePKP	40	17.50	4.1X	
	1.0s	46.00nm		4.9mb			1.0s	125.50nm		5.7mb						KSP	148.08	341	ePKP	40	13.50	-0.4	
SRY	68.94	325	eP	31	44.70	-1.8					pP	35	45.50	632km			0.9s	142.00nm					
TSK	68.95	325	eP	31	45.50	-1.0		FBA	89.18	13	P	33	30.40	-1.1					i	40	18.80		
KKM	68.98	286	ePd	31	47.50	0.2			1.0s	125.25nm		5.7mb							i	40	23.60		
DDR	69.28	325	eP	31	47.60	-0.9		LRM	89.92	40	eP	33	36.00	0.3		ETA	148.12	8	ePKP	40	17.10	3.3X	
CVP	69.65	299	ePd	31	50.00	-1.0		BTO	90.06	314	eP	33	37.00	0.8			1.5s	405.00nm					
MAT	70.21	325	iPd	31	52.90	-1.0		BDW	90.18	44	P	33	36.90	0.0		SPC	148.14	336	ePKP	40	15.60	1.3	
	0.9s	79.83nm		5.2mb			0.9s	25.64nm		5.2mb									i	40	19.20		
SHK	71.96	320	eP	32	03.10	-1.0		CD2	90.34	303	P	33	39.80	2.1		PSN	148.16	321	iPKPd	40	19.00	4.8X	
ADK	72.83	2	ePd	32	07.30	-1.3		GOL	91.56	48	P	33	43.40	0.0		WIT	148.17	353	iPKPd	40	19.40	5.5X	
	0.8s	198.60nm		5.7mb			0.8s	7.44nm		4.7mb									e	40	31.50		
SMY	73.89	356	eP	32	13.10	-1.4		LZH	92.42	308	Pd	33	43.00	-4.3X		ISR	148.19	325	ePKP	40	18.50	4.2X	
SDN	77.90	11	eP	32	34.60	-1.6			1.0s	61.00nm		5.6mb				MLR	148.28	326	ePKP	40	14.00	-0.6	
SYP	78.91	46	eP	32	43.00	0.8		SES	93.06	36	ePd	33	49.00	-0.7		ECB	148.36	9	ePKP	40	17.70	3.5X	
PRS	79.04	44	eP	32	43.80	1.1		EDM	93.27	33	ePd	33	50.00	-0.6			1.3s	210.00nm					
GCC	79.06	43	ePd	32	43.50	0.8		BRW	93.59	7	eP	33	51.30	-0.3		CSS	148.47	303	ePKP	40	19.50	4.5X	
PCC	79.10	43	ePd	32	43.60	0.7		RSSD	94.38	44	eP	33	56.10	0.0		CLL	148.53	345	iPKP	40	14.40	-0.1	
KGM	79.19	276	ePd	32	44.80	0.9			1.0s	10.50nm		5.0mb				CLL	148.53	345	iPKP	40	19.20	4.7X	
	1.0s	141.30nm		5.4mb						pP	36	14.30	646km						pPKP	42	42.00		
GZH	79.21	300	Pd	32	45.00	1.2		INK	95.24	15	eP	33	58.00	-1.1		JOS	148.59	335	e(PKP)	40	14.00	-0.7	
SAO	79.25	44	e(P)	32	45.20	1.4		GTA	96.66	310	P	34	07.10	0.7		ECP	148.60	9	ePKP	40	18.10	3.5X	
PRI	79.39	45	ePd	32	45.70	1.0		YKA	97.60	25	eP	34	09.70	-0.2			1.9s	1155.00nm					
BRK	79.40	42	ePd	32	45.40	0.9		YKC	97.64	25	eP	34	09.50	-0.6		GPA	148.62	314	ePKP	40	15.10	0.0	
MHC	79.47	43	ePd	32	46.10	1.0		ALE	114.34	7	ePKPc	39	09.50	-1.4		BRG	148.70	344	ePKP	40	15.00	0.2	
ARN	79.54	43	P	32	45.80	0.5			0.8s	5.00nm									id	40	19.00		
PAS	79.92	47	eP	32	48.00	0.7		FRB	117.91	28	ePKP	39	16.00	-2.0					ic	40	25.50		
MWC	80.04	47	eP	32	48.00	-0.2		DAG	123.55	5	iPKPc	39	26.40	-2.1					ipPKP	42	42.50		
BAR	80.16	49	eP	32	49.00	0.4			0.7s	16.44nm						CMP	148.90	326	ePKPc	40	08.00	-7.4X	
FHC	80.16	39	e(P)	32	49.70	1.3		SEK	124.39	209	ePKP	39	31.50	-0.3		WTS	148.96	353	iPKP	40	20.00	4.9X	
RVR	80.38	48	eP	32	50.00	0.3			0.5s	10.56nm							1.0s	217.00nm					
PLM	80.39	49	eP	32	50.00	0.0		MHI	127.25	300	iPKPd	39	37.00	0.0		CGN	149.11	324	ePKP	40	20.00	4.4X	
SBB	80.46	47	eP	32	50.00	-0.2					e	41	45.00			YLV	149.11	315	ePKP	40	20.50	4.6X	
FRI	80.51	44	ePd	32	50.70	0.5		SOB1	128.99	122	e(PKP)	39	40.00	-0.8		COZ	149.22	327	ePKP	40	22.00	6.0X	
MDJ	80.55	326	iPd	32	50.80	0.5		KEV	128.99	349	ePKP	39	30.00	-9.1X		PRU	149.35	343	ePKP	40	15.50	-0.3	
JAS1	80.60	43	iPd	32	51.30	0.6			1.0s	40.00nm							1.0s	95.40nm					
WDC	80.88	40	iPd	32	52.90	0.8					i	39	39.50						i	40	21.00		
ORV	80.89	41	iPd	32	52.80	0.6					iSKP	42	04.20						e	40	28.50		
PPI	81.00	273	eP	32	53.00	-0.3					ePKS	43	02.00						e	42	49.00		
VPEM	81.17	46	P	32	54.60	0.8		BUL	130.76	215	iPKPc	39	44.20	0.0		CTT	149.42	317	iPKPd	40	21.30	5.1X	
CLC	81.24	46	eP	32	54.00	-0.1					SKP	42	11.00			MOX	149.47	347	ePKP	40	15.50	-0.5	
MIN	81.30	41	ePd	32	54.50	0.1		SOD	131.10	347	iPKP	39	41.80	-1.4			1.2s	152.00nm					
TPC	81.37	48	eP	32	55.00	0.3		SOD	131.10	347	ePKP	39	34.00	-9.2X					i	40	21.50		
GSC	81.49	47	eP	32	56.00	0.6					i	39	42.00						i	40	29.00		
GLA	81.67	50	eP	32	58.00	1.7					iSKP	42	11.50						epPKP	42	52.00		
KDC	81.75	14	eP	32	55.40	-0.6		MTD	131.72	221	iPKPc	39	46.00	0.0		DMK	149.48	318	ePKPd	40	21.60	5.3X	
WHN	82.07	307	Pd	32	59.00	0.7					iSKP	42	17.00			BCK	149.67	309	ePKP	40	20.90	4.1X	
SNY	82.13	321	eP	32	58.60	0.3		KRI	132.86	219	ePKP	39	48.00	-0.2		HOF	149.72	346	ePKP	40	16.00	-0.4	
IPM	82.27	278	iPd	33	00.50	0.9					iSKP	42	19.00						e	40	21.40		
	0.9s	100.90nm		5.4mb			KJF	133.49	344	ePKP	39	35.00	-12.8X		KCT	149.94	315	iPKPd	40	22.00	4.9X	
CN2	82.27	323	Pd	32	59.20	0.2			0.8s	42.50nm						BUD	150.00	335	ePKP	40	16.50	-0.4	
MNA	82.34	44	iPd	33	00.40	0.7					i	39	47.00			SRO	150.01	336	iPKP	40	23.10	6.2X	
TIA	83.03	313	Pd	33	03.60	0.6					iSKP	42	19.50			DST	150.08	314	iPKP	40	22.50	5.2X	
PSI	83.52	275	iPd	33	06.10	0.3					iPKS	43	16.50			ZST	150.12	338	e(PKP)	40	17.20	0.2	
	1.0s	172.50nm		5.6mb			SUF	135.11	344	ePKP	39	37.00	-13.9X					i	40	23.30		
SNG	83.62	280	eP	33	08.00	1.7		NUR	137.35	343	ePKP	39	45.00	-10.2X					i	40	25.00		
BMN	84.07	43	iP	33	08.80	0.6			0.9s	37.20nm						EDC	150.21	316	iPKP	40	22.30	4.9X	
	1.0s	24.75nm		4.8mb						i	39	54.50				ENN	150.27	354	iPKPd	40	23.30	6.2X	
		pP	35	21.70	629km					iSKP	42	31.00					0.9s	125.00nm					
EUR	84.34	44	iP	33	09.80	0.2					iPKS	43	28.20			UCC	150.37	356	PKPc	40	24.00	6.7X	
	0.2s	22.33nm		5.4mb			NB2	139.58	352	PKP	39	51.00	-8.3X		KHC	150.39	343	iPKPd	40	17.50	0.0	
PGC	85.42	33	eP	33	15.00	0.8			0.7s	9.90nm							1.0s	139.00nm					
BJI	85.71	316	P	33	17.00	1.2		UPP	139.63	347	iPKP	39	50.70	-8.6X					i	40	24.00		
TTA	85.84	10	eP	33	15.80	-0.3		HFS	140.10	350	ePKP	39	52.00	-8.2X					i	40	52.00		
PMR	85.97	14	P	33	15.80	-0.8			0.4s	13.90nm									e	42	55.50		
	1.2s	106.06nm		5.4mb			MUD	144.30	352	iPKPd	40	07.00	-0.5		MEM	150.41	353	PKPc	40	17.40	0.1	
PME	86.02	14	eP	33	16.40	-0.5			1.2s	330.00nm									PKKP	40	23.70		
	0.9s	72.90nm		5.4mb			COP	144.54	349	iPKPd	40	00.70	-7.3X		GRF	150.45	346	ePKP	40	18.70	1.2	
GYA	86.14	300	Pd	33	19.40	1.0			0.7s	98.63nm							0.9s	80.00nm					
RMU	86.44	48	eP	33	20.10	0.4		ELO	144.65	4	iPKPd	40	07.80	-0.4					id	40	23.90		
LOE	86.56	290	eP	33	04.00	-16.4X		EAB	144.88	5	iPKPd	40	08.60	0.1					i	40	33.30		
PNL	86.90	19	eP	33	21.30	0.2		EBH	144.88	4	iPKPd	40	09.70	1.1		TNS	150.47	350	iPKPd	40	23.60	e.e>	
TIY	87.02	312	iPd	33	23.00	0.7		EDI	145.23	4	ePKPd	40	09.60	0.5		WET	150.56	344	iPKPc	40	18.00	e.3	
XAN	87.78	308	Pd	33	26.60	0.8		ESY	145.27	3	iPKPd	40	09.80	0.6					i	40	24.10		

02d 03h

			i	40	33.60	
DIM	150.67	321	IPKPd	40	25.00	6.9X
SOP	150.75	338	e(PKP)	40	18.00	0.0
KDZ	151.05	320	iPKPc	40	17.00	-1.7
DGU	151.05	355	iPKPd	40	25.00	6.6X
PLD	151.15	322	ePKP	40	26.00	7.2X
WLF	151.33	353	PKP	40	26.50	7.8X
EZN	151.49	316	iPKP	40	25.10	5.8X
IZM	151.60	313	iPKP	40	26.00	6.4X
VTS	151.68	324	iPKP	40	27.00	7.5X
GWF	151.81	351	PKP	40	20.20	0.7
FUR	151.87	345	iPKPc	40	19.80	0.1
			e	40	26.60	
			i	40	39.70	
BUH	152.00	350	ePKP	40	20.20	0.3
MMB	152.04	322	iPKP	40	27.00	6.9X
KBA	152.32	342	ePKP	40	19.00	-1.5
	0.8s		33.80nm			
			i	40	27.00	
			i	40	42.00	
			e	44	09.00	
FLN	152.51	2	ePKP	40	20.70	0.2
	1.4s		52.30nm			
LDF	152.69	2	ePKP	40	21.20	0.4
	1.4s		30.50nm			
LDU	152.87	339	ePKP	40	20.70	-0.4
			e	40	28.30	
			e	40	42.70	
GPP	152.87	3	ePKP	40	21.40	0.4
	1.0s		11.50nm			
VAY	152.87	322	iPKP	40	28.60	7.4X
			i	40	44.20	
HAU	152.94	352	ePKP	40	21.10	-0.1
	1.4s		21.80nm			
BSF	153.05	351	ePKP	40	21.60	0.2
	1.2s		22.00nm			
SKO	153.06	325	ePKP	40	20.00	-1.5
SKO	153.06	325	iPKP	40	29.20	7.7X
			i	40	45.20	
OGA	153.14	345	iPKPc	40	21.60	-0.1
			i	40	29.80	
			i	40	44.90	
TRI	153.41	340	iPKPd	40	30.00	8.2X
			i	40	45.00	
LOR	153.92	355	ePKP	40	23.00	0.5
GRC	153.94	357	iPKPc	40	23.20	0.7
			i	40	31.70	
			i	40	47.90	
OHR	154.00	324	ePKP	40	15.50	-7.3X
OHR	154.00	324	iPKP	40	31.00	8.2X
			i	40	43.40	
SSF	154.15	356	ePKP	40	23.30	0.5
	1.1s		11.00nm			
LBF	154.19	355	ePKP	40	23.50	0.6
AVF	154.43	356	ePKP	40	23.30	0.2
	1.4s		16.50nm			
MFF	154.68	2	ePKP	40	23.90	0.4
BGF	154.69	357	ePKP	40	24.20	0.7
	1.2s		14.30nm			
TCF	154.99	358	ePKP	40	24.40	0.4
	1.0s		10.20nm			
LSF	155.04	359	ePKP	40	24.00	0.0
	1.1s		9.00nm			
BNG	156.09	228	iPKPd	40	26.00	-0.4
	1.4s		55.80nm			
			iPP	40	37.00	
			i	40	59.00	
			i	42	25.20	
FRF	157.23	349	ePKP	40	27.50	0.6
	1.5s		28.40nm			
LRG	157.38	350	ePKP	40	27.90	0.9
	1.2s		12.40nm			
LMR	157.48	349	ePKP	40	27.40	0.2
	1.5s		31.30nm			
CVF	157.71	344	ePKP	40	27.60	0.1
	0.8s		5.80nm			
KIC	164.23	159	ePKP	40	35.00	0.1
			e	41	35.00	

S.D. = 0.9 on 190 of 250 obs.

APR 02, 1985 03h 58m 55.03± 0.61s
37.443 N ± 5.0km 72.266 E ± 4.3km
DEPTH = 191.1 ± 7.7 km
4.4mb (22 obs.)
TAJIK SSR (715)

KSH	3.54	54	iP	59	53.00	1.6
			iS	00	35.00	
QUE	8.48	213	eP	00	56.00	0.4
			eS	02	28.00	
NDI	9.67	153	iPd	01	10.50	-0.5
	0.3s		38.96nm			5.3mb
			iS	02	50.50	
MHI	10.30	267	eP	01	18.00	-1.3
			eSn	02	51.00	
WMQ	13.33	57	P	01	57.00	-1.0
DMN	14.60	129	eP	02	12.80	-1.2
PKI	14.81	128	eP	02	15.60	-1.2
HYB	20.70	163	eP	03	24.00	2.3
GTA	21.64	76	P	03	32.00	1.1
GBA	24.18	168	Pc	03	55.30	0.1
	0.7s		8.80nm			4.5mb
GYA	31.02	101	P	04	57.00	0.2
KJF	37.57	330	iP	05	52.50	0.5
	0.7s		20.00nm			4.9mb
NUR	37.67	323	iP	05	53.00	0.1
	0.6s		13.00nm			4.8mb
SUF	37.67	327	iP	05	52.80	-0.1
	0.6s		9.80nm			4.6mb
KRA	39.07	306	ePd	06	00.00	-4.6X
SOD	39.32	334	iP	06	06.70	0.2
UPP	40.97	321	iP	06	19.40	-0.6
PRU	42.55	306	eP	06	34.00	0.9
BRG	42.84	308	iP	06	36.20	0.7
HFS	42.96	321	eP	06	36.00	-0.3
	0.6s		24.50nm			4.9mb
KHC	43.27	305	P	06	40.10	1.1
CLL	43.40	308	iP	06	40.50	0.6
NB2	44.25	322	P	06	46.00	-0.7
	0.7s		7.50nm			4.3mb
CDF	47.50	305	eP	07	12.70	0.3
BSF	47.94	304	eP	07	16.00	0.1
	0.8s		9.90nm			4.3mb
HAU	48.19	305	eP	07	17.90	0.2
	0.8s		3.70nm			3.9mb
FRF	49.11	299	eP	07	24.90	0.1
	0.7s		7.10nm			4.3mb
LMR	49.27	299	eP	07	25.80	-0.2
LRG	49.34	299	eP	07	26.80	0.3
LOR	50.00	304	eP	07	31.00	-0.5
	0.8s		1.80nm			3.7mb
SMF	50.18	303	eP	07	32.70	-0.2
	0.8s		10.70nm			4.5mb
SSF	50.29	304	eP	07	33.40	-0.3
	0.8s		3.20nm			3.9mb
AVF	50.46	304	eP	07	34.80	-0.2
	0.8s		14.60nm			4.6mb
BGF	50.86	304	eP	07	37.60	-0.4
	0.9s		6.20nm			4.2mb
MZF	51.13	303	eP	07	40.40	0.3
	1.0s		16.68nm			4.6mb
TCF	51.36	303	eP	07	41.80	0.0
	1.0s		9.20nm			4.3mb
LSF	51.82	304	eP	07	44.60	-0.7
	0.8s		7.40nm			4.4mb
CAF	51.86	302	eP	07	45.90	0.3
	0.8s		5.30nm			4.2mb
GRR	52.75	307	eP	07	51.50	-0.5
	0.6s		7.60nm			4.5mb
LFF	52.75	302	eP	07	52.40	0.3
	1.0s		8.80nm			4.4mb
MBC	66.35	3	eP	09	24.00	-0.5
	0.6s		9.00nm			4.7mb
INK	72.83	10	eP	10	03.00	-0.8
COL	73.28	17	eP	10	06.00	-0.5
YKA	80.25	3	eP	10	45.20	0.1
YKC	80.28	3	eP	10	45.00	-0.2

S.D. = 0.7 on 44 of 45 obs.

% APR 02, 1985 04h 06m 08.57± 0.83s
40.059 N ± 9.4km 26.899 E ± 8.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.50	242	iPg	06	18.10	-0.6
			iSg	06	20.00	
EDC	0.79	68	iPg	06	22.30	-1.7
			iSg	06	33.30	
KCT	1.13	80	iPn	06	30.40	0.6
DST	1.41	108	iPn	06	34.00	-0.3
CTT	1.59	46	iPn	06	37.40	0.5
IZM	1.68	170	ePn	06	39.00	0.8
DMK	1.88	20	ePn	06	41.60	0.6

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

? APR 02, 1985 04h 57m 38.44± 0.91s
17.815 N ±20.3km 120.323 E ±23.6km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
LUZON, PHILIPPINE ISLANDS (249)

SZP	0.29	154	iPc	57	46.00	0.0
			iS	57	55.80	
MAN	3.22	167	eP	58	32.00	4.1X
			eS	59	11.00	
PKI	33.54	293	eP	04	18.10	0.2
DMN	33.82	293	eP	04	20.50	0.3
NB2	83.46	332	P	10	02.60	-1.3
	0.7s		1.30nm			4.2mb
YKA	89.13	22	eP	10	32.50	0.8

S.D. = 1.1 on 5 of 6 obs.

APR 02, 1985 05h 07m 35.90± 0.56s
23.829 S ± 6.4km 179.735 W ± 4.8km
DEPTH = 531.1 ± 6.8 km
4.8mb (15 obs.)
SOUTH OF FIJI ISLANDS (171)

RAO	5.64	164	P	09	10.50	-0.5
			S	10	26.00	
VUN	6.03	343	eP	09	14.20	-0.5
			eS	10	31.00	
NUE	10.28	64	P	09	58.30	0.9
			S	11	01.00	
AFI	12.41	39	P	10	16.00	-3.4X
			S	12	22.00	
PVC	12.71	296	iPc	10	23.90	1.5
NOU	12.81	274	iPc	10	29.50	6.1X
KRP	14.62	195	P	10	46.00	4.4X
			S	13	27.00	
MNG	17.22	192	P	11	07.50	0.4
			S	23	58.00	
TCW	18.05	195	P	11	15.20	0.1
			S	14	15.90	
HNR	24.11	383	eP	12	09.00	-2.4
SVO	24.39	303	eP	12	13.00	-0.9
RMQ	28.61	258	eP	12	53.00	2.1
	1.0s		30.00nm			4.8mb
CTA	31.72	270	iPc	13	18.30	0.8
	0.6s		36.67nm			5.1mb
CTAO	31.72	270	eP	13	18.50	1.0
	0.6s		34.84nm			5.1mb
PMG	34.70	289	iPc	13	42.00	-0.6
	0.7s		54.79nm			5.3mb
ASPA	42.29	260	iPd	14	45.00	0.8
WB2	42.64	266	iPc	14	46.30	-0.7
			eScP	19	28.70	
			eS	20	22.10	
WRA	42.65	266	Pd	14	46.90	-0.2
	0.4s		5.90nm			4.5mb
WBN	48.43	255	iPc	15	31.60	0.0
	0.4s		18.00nm			4.9mb
KNA	48.90	270	eP	15	35.00	-0.2
SBA	54.46	183	eP	16	12.00	-2.7
KLB	55.23	247	iPd	16	21.10	0.4
MEK	55.43	253	eP	16	21.80	-0.4
NWAO	55.49	245	eP	16	22.00	-0.5
RKG	55.52	244	eP	16	22.00	-0.7
MUN	56.48	246	iPd	16	29.70	0.3
MRWA	57.14	250	iPd	16	33.90	0.0
	0.4s		16.00nm			4.7mb
SPA	66.31	180	iPc	17	35.80	2.7X
	1.0s		38.00nm			4.9mb
SYP	81.13	46	eP	18	58.00	1.0
PRS	81.32	44	e(P)	18	58.60	0.9
GCC	81.36	43	e(P)	18	58.50	0.6
SAO	81.54	44	e(P)	19	00.00	1.2
BRK	81.72	42	eP	19	00.10	0.4
MHC	81.77	43	eP	19	00.90	0.7
IPM	82.03	279	ePc	19	02.00	0.2
PAS	82.11	47	eP	19	02.00	0.2
MWC	82.24	47	eP	19	02.00	-0.6
PLM	82.55	49	eP	19	04.00	-0.2
RVR	82.56	48	eP	19	04.00	0.0
SBB	82.66	47	eP	19	05.00	0.4
FRI	82.78	44	ePd	19	05.20	0.2
JAS1	82.90	43	iPd	19	06.00	0.4
ORV	83.23	41	ePd	19	07.40	0.2
WDC	83.25	40	iPd	19	07.80	0.5
CLC	83.47	46	eP	19	08.00	-0.6
TPC	83.53	48	eP	19	09.00	0.0
MIN	83.66	41	e(P)	19	08.60	-1.0

GSC	83.70	47	eP	19	10.00	0.2
GLA	83.80	50	eP	19	11.00	0.7
CN2	83.97	323	Pd	19	10.40	-0.4
TIA	84.36	314	eP	19	12.80	-0.1
MNA	84.63	44	e(P)	19	14.30	-0.1
BMN	86.38	43	iP	19	23.10	0.3
	0.9s	7.23nm			4.4mb	
EUR	86.62	44	iP	19	24.00	-0.1
PMR	88.62	14	P	19	31.60	-1.0
	1.0s	10.00nm			4.6mb	
RMU	88.62	48	eP	19	34.00	0.6
XAN	88.89	308	Pc	19	35.00	0.5
CHIO	89.88	291	eP	19	41.00	1.7
LTX	90.19	58	iP	19	42.00	1.3
	0.9s	8.38nm			4.7mb	
PNT	90.30	35	eP	19	40.00	-0.6
	0.8s	10.00nm			4.8mb	
ALO	90.72	52	eP	19	42.00	-1.1
	1.0s	10.00nm			4.7mb	
CD2	91.24	303	eP	19	47.70	2.3X
COL	91.83	13	eP	19	45.00	-2.3
			pP	21	46.30	548kmX
BDW	92.47	44	eP	19	50.90	-0.2
	0.9s	4.10nm			4.5mb	
GOL	93.74	48	eP	19	57.00	0.0
	0.8s	2.38nm			4.4mb	
INK	97.89	16	eP	20	13.00	-1.8
FRB	120.47	29	ePKP	25	26.00	-1.4
SOB1	128.08	124	ePKP	25	43.20	-0.5
	0.7s	10.50nm				
BUL	128.30	215	iPKPc	25	45.00	0.9
MTD	129.36	220	ePKP	25	47.00	0.9
ITR	130.22	126	ePKP	25	46.90	-0.8
KJF	135.80	343	ePKP	25	49.00	-7.8X
	0.5s	18.20nm				
			i	25	57.00	
			eSKP	28	37.00	
SUF	137.41	343	ePKP	25	50.00	-9.9X
NUR	139.62	342	ePKP	25	56.00	-7.9X
	0.5s	14.00nm				
			i	26	05.00	
			iSKP	28	48.00	
UPP	141.99	346	iPKP	25	58.70	-9.4X
NB2	142.05	351	PKP	26	02.90	-5.4X
	0.9s	10.20nm				
HFS	142.52	349	ePKP	26	03.50	-5.5X
	0.5s	32.00nm				
ELO	147.26	4	ePKPd	26	19.20	2.1X
EBH	147.50	4	ePKPd	26	19.90	2.5X
EAB	147.50	5	iPKPd	26	19.80	2.4X
EDI	147.84	4	ePKPd	26	20.40	2.5X
ESY	147.88	3	ePKP	26	20.80	2.8X
EAU	147.90	4	iPKPd	26	20.10	2.0X
EBL	148.00	4	iPKPd	26	21.20	3.0X
EKA	148.43	4	PKP	26	22.00	3.1X
	1.0s	20.20nm				
KRA	149.65	335	ePKPd	26	20.50	-0.4
SPC	150.21	333	ePKP	26	28.50	6.4X
KSP	150.31	339	iPKPd	26	27.50	5.6X
	0.8s	50.00nm				
CLL	150.85	343	ePKP	26	23.00	0.3
BRG	150.99	342	iPKPd	26	29.00	6.1X
	1.0s	40.00nm				
PRU	151.60	340	PKP	26	30.20	6.4X
			e	28	37.50	
MOX	151.81	345	ePKP	26	31.00	6.9X
KHC	152.66	341	PKP	26	25.50	0.1
			i	26	46.40	
			e	28	38.20	
KIC	161.98	164	ePKP	26	38.10	0.6
			e	27	29.80	
S.D. = 0.9			on	70	of 94	obs.

? APR 02, 1985 05h 39m 06.65± 4.24s
41.981 N ±26.0km 19.844 E ±20.6km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.4 (TTG).

ULC	0.44	268	ePg	39	16.00	0.3
			eSg	39	21.30	
PVY	0.62	9	ePg	39	19.20	0.0
			eSg	39	28.70	
TTG	0.62	316	iPgc	39	19.50	0.3
			eSg	39	28.00	
BDV	0.81	292	ePg	39	22.00	-0.4
			iSg	39	35.00	
HCY	1.10	295	ePg	39	27.00	-0.4
			iSg	39	43.00	
BRY	1.33	314	ePg	39	31.50	0.2
			eSg	39	54.00	
S.D. = 0.4			on	6	of 6	obs.

? APR 02, 1985 07h 46m 51.04± 2.91s
40.924 N ±26.7km 23.643 E ±10.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)

MMB	0.67	6	iPgc	47	03.00	-1.3
			Sg	47	13.00	
VAY	0.90	296	iPg	47	08.00	-0.3
			eSg	47	23.00	
PLD	1.42	34	iPd	47	18.00	1.1
			iSg	47	41.00	
KDZ	1.47	60	iP	47	17.00	-0.6
			iS	47	37.00	
VTS	1.71	349	iPc	47	22.00	1.1
			iS	47	45.00	
PVL	2.50	27	e(P)	47	38.00	5.7X
S.D. = 1.5			on	5	of 6	obs.

& APR 02, 1985 07h 59m 03.80s
59.668 N 153.063 W
DEPTH = 96.8km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.53	13	iP	59	19.22	-0.5
			iS	59	31.61	
PDB	0.58	282	iP	59	19.29	-0.8
			iS	59	31.59	
NNL	0.97	66	iP	59	24.44	0.5
RDT	0.97	20	iP	59	23.45	-0.5
			iS	59	38.74	
BRLK	1.11	84	iP	59	24.64	-0.9
SPU	1.60	18	iP	59	30.93	-0.7
			iS	59	51.90	
SLKM	1.65	58	eP	59	31.35	-0.9
CRP	1.67	15	eP	59	32.11	-0.5
SVW	1.92	320	iP	59	34.39	-1.4
KDC	1.95	171	iP	59	33.63	-2.4
MPA	2.03	64	iP	59	36.25	-0.9
PTE	2.34	57	eP	59	40.22	-1.1
PMS	2.35	46	eP	59	40.83	-0.6
			iS	00	07.91	
PWA	2.53	37	eP	59	43.53	-0.3
KNK	2.87	50	eP	59	47.22	-1.3
GHO	2.93	42	eP	59	48.25	-1.1
MSE	2.96	41	eP	59	48.42	-1.5
GLI	3.21	65	eP	59	50.97	-2.2
VZW	3.52	64	eP	59	54.92	-2.5
VLZ	3.65	63	eP	59	57.16	-1.9
KMP	4.37	61	eP	00	07.33	-1.9
BALM	5.50	71	eP	00	22.91	-1.9
22 obs. associated						

& APR 02, 1985 10h 18m 36.80s
58.924 N 152.289 W
DEPTH = 73.0km
KODIAK ISLAND REGION (13)
<AGS-P>.

AUH	0.74	307	eP	18	51.90	-0.8
BRLK	1.11	40	iP	18	56.23	-0.9
			iS	19	11.99	
KDC	1.18	185	eP	18	57.08	-0.9
			eS	19	12.73	
NNL	1.23	24	eP	18	58.93	0.2
ILM	1.29	348	iP	18	58.67	-0.8
			iS	19	16.08	
PDB	1.30	312	eP	18	58.68	-1.0
			iS	19	15.67	
RDT	1.66	358	eP	19	04.05	-0.4
			iS	19	25.38	
SEW	1.87	50	eP	19	05.77	-1.5
SLKM	1.90	33	eP	19	06.86	-0.9
MPA	2.16	42	eP	19	10.43	-0.8
SPU	2.27	3	eP	19	12.78	-0.1
			eS	19	41.02	
CGLM	2.40	3	eP	19	15.30	0.7
PTE	2.55	39	eP	19	15.55	-1.1
PMS	2.70	29	eP	19	18.12	-0.7
KNK	3.15	36	eP	19	23.46	-1.6
GHO	3.31	29	eP	19	26.04	-1.3
FID	3.46	56	eP	19	26.59	-2.8
VLZ	3.72	51	eP	19	31.90	-1.1
BALM	5.42	63	eP	19	55.26	-1.7
19 obs. associated						

APR 02, 1985 11h 32m 11.73± 0.85s
65.885 N ± 5.7km 155.479 W ± 8.8km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 4.0 (PMR).

IMA	0.76	75	iPc	32	27.40	0.7
TTA	2.98	185	eP	33	00.50	0.6
COL	3.36	104	eP	33	05.00	-0.3
FBA	3.36	104	eP	33	04.70	-0.6
SVW	4.80	181	iPc	33	25.20	-0.6
PME	5.14	143	eP	33	30.30	-0.2
PMS	5.35	148	eP	33	34.20	0.6
BRW	5.46	356	eP	33	34.20	-0.9
TOA	5.58	129	eP	33	37.50	0.7
DWY	7.05	98	P	33	56.00	-1.4
INK	8.88	64	eP	34	23.00	0.1
MBC	15.28	32	eP	35	50.00	1.3
YKA	17.88	82	eP	36	26.20	4.6X
S.D. = 0.9			on	12	of 13	obs.

? APR 02, 1985 12h 45m 19.04± 7.80s
36.297 N ±32.1km 141.296 E ±56.1km
DEPTH = 10.0km (geophysicist)
NEAR EAST COAST OF HONSHU, JAPAN(228)

TSK	0.96	265	eP	45	37.70	0.4
KYS	1.44	221	eP	45	45.40	0.2
DDR	1.73	261	P	45	48.50	-0.9
SRY	1.78	248	eP	45	49.90	-0.1
OYM	1.88	243	eP	45	51.60	0.0
MAT	2.50	277	iPc	46	00.80	0.4
			eS	46	42.00	
S.D. = 0.6			on	6	of 6	obs.

APR 02, 1985 12h 49m 55.80± 0.67s
35.717 N ± 7.6km 139.376 E ± 8.2km
DEPTH = 33.0km (normal)
NEAR S. COAST OF HONSHU, JAPAN (230)

SRY	0.14	217	eP	50	10.10	8.3X
TOK	0.31	95	iPd	50	04.60	0.9
			S	50	12.40	
OYM	0.32	200	iPd	50	03.40	-0.4
DDR	0.32	332	iPd	50	04.00	0.1
			i	50	10.90	
YOK	0.36	141	eP	50	05.00	0.6
			iS	50	13.30	
TSK	0.77	50	eP	50	09.50	-0.7
KYS	0.82	129	eP	50	10.10	-0.8
MAT	1.25	311	iPd	50	17.30	0.2
			eS	50	34.00	
S.D. = 0.8			on	7	of 8	obs.

? APR 02, 1985 13h 02m 32.92± 3.09s
33.656 S ±11.1km 72.334 W ±26.1km
DEPTH = 30.0 ± 6.3 km
OFF COAST OF CENTRAL CHILE (134)

LNV	0.82	111	iPc	02	48.90	0.6
TACH	1.16	90	iPc	02	52.10	-1.1
ROCH	1.30	59	iPd	02	54.00	-1.4
SAN	1.41	82	iPd	02	56.40	-0.4
			iS	03	10.00	
CHCH	1.43	102	iPd	02	57.00	0.0
PEL	1.47	70	iPc	02	58.40	0.7
PCH	1.52	89	iPc	02	57.00	-1.4
BACH	1.57	79	iPd	02	59.10	0.0
FCH	1.74	80	iPd	03	01.90	0.1
JACH	1.75	57	iPd	03	02.00	0.2
MDZ	3.02	76	iP	03	27.30	7.5X
			iS	04	02.40	
RFA	3.39	110	ePd	03	26.50	1.4
RTCB	3.69	55	eP	03	30.50	1.2
			S	04	18.30	
ZON	3.73	57	eP	03	35.00	5.0X
RTLL	4.01	56	eP	03	34.60	0.8
			S	04	26.00	
CFA	4.01	61	ePc	03	34.10	0.2
VCA	6.04	37	ePd	04	03.20	0.4
ANT	10.06	10	eP	05	16.50	18.1X
ITR	39.85	59	eP	10	03.80	-1.8

02d 13h

KIC 75.21 72 eP 14 15.30 0.5
S.D. = 1.0 on 17 of 20 obs.

APR 02, 1985 14h 35m 50.34± 0.92s
13.393 N ± 4.1km 124.668 E ± 6.3km
DEPTH = 47.7 ± 8.7 km
5.1mb (17 obs.) 4.3Msz (2 obs.)
LUZON, PHILIPPINE ISLANDS (249)

PLP	2.24	172	iPc	36 26.30	0.7
			iS	36 41.20	
MAP	3.12	193	ePd	36 39.00	0.7
			iS	37 20.00	
QCP	3.70	290	eP	37 10.00	23.5X
MAN	3.70	290	eP	36 46.50	-0.1
			eS	37 26.50	
CGP	4.91	180	ePc	37 04.00	0.5
BAG	4.96	308	eP	37 02.20	-2.3
SZP	5.80	316	iPc	37 22.00	6.0X
DAV	6.33	172	eP	37 30.80	7.3X
AAI	17.33	168	ePc	39 52.50	2.0
	0.7s	51.80nm		4.8mb	
SSE	17.91	350	eP	39 54.00	-3.6X
Z	18s	0.90um			
N	18s	1.10um			
			pP	40 06.00	
			ePP	40 12.00	
			S	43 22.00	
NJ2	19.32	345	eP	40 14.00	-0.5
			S	43 46.00	
WHN	19.54	332	eP	40 19.00	2.0
GYA	21.30	310	P	40 35.60	0.2
			eS	44 29.00	
SHK	22.26	18	eP	40 44.60	-0.1
LOE	22.47	283	eP	40 44.00	-2.9
TIA	23.71	345	Pd	40 59.10	0.3
KMI	23.72	303	Pc+	41 01.00	1.7
N	16s	0.70um			
			pP	41 14.00	53kmX
			eS	45 25.00	
KGM	23.96	244	ePd	41 01.60	0.2
TRT	24.13	210	ePc	41 05.00	2.0
IPM	24.92	252	ePd	41 10.90	0.2
XAN	25.04	328	Pc	41 11.80	0.1
CHTO	25.28	286	eP	41 13.50	-0.6
CD2	25.98	316	Pc	41 21.00	0.5
MAT	26.05	25	(P)	41 19.00	-2.1
Z	20s	0.53um		4.1Msz	
			eS	46 00.00	
TIY	26.56	338	P	41 26.60	0.8
BJI	27.58	346	eP	41 35.50	0.6
PSI	27.58	250	ePd	41 56.60	21.4X
PPI	27.71	242	eP	41 36.00	-0.4
SNY	28.35	358	eP	41 41.50	-0.3
			eS	46 23.00	
KNA	29.24	172	iPd	41 48.70	-1.4
LZH	29.34	324	eP	41 51.00	-0.1
CN2	30.31	1	eP	41 58.00	-1.4
MDJ	31.40	7	eP	42 08.50	-0.5
SHL	33.10	296	iP	42 23.00	-1.3
GTA	33.94	324	Pc	42 32.00	0.6
WRA	34.47	164	Pc	42 33.20	-2.7
	0.8s	3.70nm		4.4mb	
LSA	34.98	303	Pc	42 41.40	0.6
ASPA	37.92	166	eP	43 04.00	-1.1
			ePcP	45 20.00	
			eS	48 50.00	
PKI	39.21	297	iP	43 16.00	-0.2
	1.0s	52.00nm		5.3mb	
WBN	39.34	177	eP	43 16.00	-0.9
	0.5s	28.00nm		5.3mb	
DMN	39.48	297	iP	43 18.50	0.1
	1.0s	94.00nm		5.6mb	
MEK	40.21	189	eP	43 12.00	-12.0X
WMQ	43.82	321	P	43 54.50	1.0
HYB	44.56	281	ePc	44 00.10	0.3
	0.8s	19.20nm		4.9mb	
KLB	45.22	188	eP	44 02.00	-2.7
GBA	45.87	276	Pc	44 10.20	0.1
	0.9s	44.70nm		5.4mb	
KOD	46.26	271	eP	44 14.00	0.4
NWAO	46.60	189	eP	44 14.00	-1.6
RKG	47.76	189	eP	44 27.00	2.3
STK	47.85	160	eP	44 25.00	-0.5
POO	49.00	283	iPc	44 34.50	-0.2
	1.0s	90.00nm		5.8mb	
CMS	49.03	156	eP	44 35.00	0.4
ADE	49.91	165	iPd	44 41.10	-0.2
	0.8s	26.87nm		5.3mb	
QUE	55.59	297	eP	45 24.00	0.0
MHI	62.24	304	iPc	46 10.60	0.6
MSZ	69.85	149	eP	46 59.00	1.0
BRW	73.74	19	eP	47 22.00	1.1
IMA	74.47	25	eP	47 26.20	0.8
PME	76.57	29	eP	47 36.80	-0.4
	0.8s	5.10nm		4.6mb	
COL	76.94	26	eP	47 39.00	-0.2
FBA	76.94	26	eP	47 38.50	-0.7
	0.9s	4.20nm		4.5mb	
KEV	80.18	340	iP	48 07.50	10.7X
	0.7s	18.70nm			
SOD	80.82	337	iP	48 00.70	0.5
KJF	81.06	334	iP	48 01.80	0.3
	0.6s	19.60nm		5.2mb	
INK	81.99	22	eP	48 07.00	0.8
SUF	82.08	333	iP	48 06.90	0.1
	0.9s	20.40nm		5.2mb	
MBC	83.02	13	eP	48 12.00	0.5
	0.7s	8.00nm		4.9mb	
NUR	83.32	331	iP	48 14.00	0.7
	0.7s	10.70nm		5.0mb	
Z	17s	0.10um		4.3MszX	
			LR	29 10.00	
MLR	86.57	316	eP	48 26.00	-4.1X
UPP	86.86	331	iP	48 31.00	0.1
HFS	88.57	332	(P)	48 38.00	-1.2
	1.4s	24.80nm		5.3mb	
Z	19s	0.23um		4.6Msz	
			LR	26 04.00	
NB2	89.28	333	P	48 41.40	-1.2
	0.8s	4.00nm		4.8mb	
SRO	90.84	320	eP	49 10.00	20.0X
YKA	91.55	24	eP	48 54.10	1.1
YKC	91.61	24	eP	48 54.00	0.7
KIC	126.07	288	e(PKP)	54 50.50	0.4
S.D. = 1.1 on 67 of 76 obs.					

* APR 02, 1985 14h 47m 21.94± 1.34s
13.709 N ±12.5km 125.245 E ±18.9km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
PHILIPPINE ISLANDS REGION (248)

PLP	2.54	186	ePc	48 02.00	0.2
			eS	48 25.00	
MAP	3.59	200	eP	48 16.00	-0.6
			iS	48 33.50	
MAN	4.15	284	eP	48 25.80	1.2
			eS	49 07.00	
WB2	34.62	165	eP*	54 11.20	0.9
			eS	56 17.00	
PKI	39.56	297	eP	54 51.90	-0.4
	0.6s	5.00nm		4.5mb	
WBN	39.63	178	iPd	54 52.20	-0.2
	0.5s	6.00nm		4.6mb	
DMN	39.84	297	eP	54 54.60	0.1
HYB	45.05	281	eP	55 36.40	-0.4
GBA	46.40	276	P	55 46.60	-0.8
S.D. = 0.8 on 9 of 9 obs.					

APR 02, 1985 15h 33m 03.67± 0.20s
7.765 S ± 4.5km 107.973 E ± 5.0km
DEPTH = 33.0km (normal)
5.2mb (18 obs.) 4.1Msz (2 obs.)
JAVA (277)

PPI	10.48	314	eP	35 37.50	2.8
KGM	10.77	334	iPc	35 46.50	7.8X
PSI	13.76	319	ePc	36 18.20	-0.7
IPM	14.09	330	ePd	36 31.10	8.0X
			e	41 15.00	
AAI	20.52	80	ePc	37 42.00	0.1
MEK	21.27	153	eP	37 49.00	-0.5
			eS	41 32.00	
KNA	21.83	113	eP	37 55.00	-0.2
MRWA	22.64	162	eP	38 03.00	-0.2
			eS	42 05.00	
DAV	22 93	50	eP	38 10.00	3.9X
MTN	23.33	104	iPd	38 11 40	1.4
NST	24.55	342	eP	38 35.00	13.2X
MUN	25.28	163	eP	38 29.00	0.3
			eS	43 13 00	
PLP	25.30	42	iPc	38 29.50	0.6
KLB	25 40	160	eP	38 29.00	-0.8
			eS	43 11.00	
WBN	25.44	138	eP	38 30.00	-0.3
			eS	43 14.00	
LOE	25.76	346	eP	38 35.00	1.7
KLG	26.15	153	eP	38 36.00	-0.8
			eS	43 28.00	
NWAO	26.47	162	eP	38 38.00	-1.7
			eS	43 35.00	
CHTO	27.87	341	eP	38 50.00	-2.6
	0.9s	1.71nm		3.7mb X	
Z	22s	0.29um		3.8Msz	
WRA	28.26	118	Pd	38 56.00	-0.2
	0.9s	13.20nm		4.6mb	
WB2	28.27	118	eP	38 55.80	-0.5
			e	42 27.10	
ASPA	29.46	125	eP	39 07.70	0.7
			eS	44 53.00	
GYA	34.04	358	P	39 48.00	0.9
KOD	35.25	300	eP	40 00.00	2.1
GBA	37.01	305	Pc	40 11.80	-0.5
	0.6s	22.50nm		5.2mb	
HYB	38.36	311	ePc	40 23.00	-0.7
	0.8s	42.30nm		5.3mb	
			ePcP	42 37.00	
CD2	38.67	354	eP	40 27.00	0.9
PMG	38.76	95	eP	40 28.00	0.9
CTA	39.02	112	iPc	40 30.10	0.9
	1.1s	25.95nm		4.9mb	
CTAO	39.02	112	eP	40 30.10	0.9
	1.1s	20.88nm		4.8mb	
ADE	39.09	138	iPd	40 30.20	0.5
STK	39.41	132	iPc	40 32.00	-0.4
	0.4s	24.00nm		5.3mb	
			e	40 48.00	
LSA	40.61	337	eP	40 41.50	-1.3
PKI	41.36	329	eP	40 49.10	0.3
	0.6s	8.00nm		4.6mb	
DMN	41.55	329	eP	40 49.80	-0.4
	0.7s	32.00nm		5.2mb	
XAN	41.58	1	eP	40 50.00	-0.1
CMS	42.42	129	eP	40 58.00	0.9
POO	42.62	308	iPd	40 59.70	0.9
	0.9s	71.43nm		5.4mb	
LZH	43.79	355	eP	41 07.50	-0.8
TIA	44.58	11	Pd	41 14.20	-0.3
TIY	45.43	5	P	41 21.60	0.3
GTA	47.54	351	eP	41 38.20	0.1
			PcP	43 08.30	
BTO	48.16	2	eP	41 42.00	-0.8
BJI	48.16	8	eP	41 44.00	1.3
VSG	51.16	96	eP	42 06.00	-0.1
MAT	52.42	31	(P)	42 15.00	-0.3
CN2	53.71	16	eP	42 21.60	-3.1X
WMQ	54.53	342	eP	42 29.30	-1.6
QUE	54.54	316	eP	42 30.50	-0.8
KHI	62.57	315	eP	43 25.80	-1.4
MHI	63.16	317	iPc	43 29.70	-1.2
SHI	64.96	308	eP	43 29.00	-14.0X
MAW	66.92	197	eP	43 54.00	-0.6
KRP	67.59	128	P	44 00.00	0.6
NAI	71.17	271	eP	44 17.00	-5.1X
	0.8s	15.67nm		5.1mb	
TET	72.95	256	eP	44 37.00	4.7X
TAB	73.20	313	eP	44 33.00	-0.6
MTD	74.82	255	iPd	44 44.00	0.7
SBA	76.12	169	eP	44 47.10	-2.4
EVA	76.67	245	iPd	44 54.70	0.9
	0.6s	18.67nm		5.3mb	
KRI	76.70	255	eP	45 05.00	11.0X
SLR	77.41	245	eP	44 58.00	0.1
	0.9s	17.65nm		5.1mb	
BUL	77.42	251	iPd	44 59.00	1.1
SEK	77.89	243	eP	45 01.20	0.8
LSZ	78.19	256	iPc	45 03.00	0.8
	0.5s	213.30nm		6.4mb X	
KSR	78.65	245	eP	45 04.50	-0.2
BLF	79.11	242	eP	45 08.00	0.8
	0.3s	8.00nm		5.2mb	
SPA	82.29	180	e(P)	45 23.50	0.3
GPA	85.67	311	eP	45 38.70	-1.9
KDZ	89.63	312	iP	46 00.00	0.4
BNG	90.02	274	iPc	46 02.40	0.3
	1.0s	39.60nm		5.6mb	
VTS	91.37	313	eP	46 08.00	0.4
CLO	92.04	315	eP	46 11.00	0.3
KJF	92.71	334	iP	46 13.00	-0.3
	0.7s	26.70nm		5.8mb	

OHR 92.92 311 eP 46 16.00 1.1
SUF 93.11 333 iP 46 14.90 -0.3
0.5s 5.50nm 5.2mb
NUR 93.42 331 iP 46 16.80 0.2
0.8s 14.70nm 5.5mb
Z 18s 0.10um 4.3Msz
LR 33 40.00
SOD 93.79 337 iP 46 17.60 -0.7
HFS 98.81 330 eP 46 39.90 -1.3
0.7s 2.80nm 4.9mb
KIC 113.27 274 ePKP 51 39.70 -1.0
YKA 117.24 21 ePKP 51 46.40 -0.5
IKC 117.29 21 ePKP 51 46.00 -1.0
0.6s 6.00nm
FRB 124.06 358 ePKP 51 59.00 -0.9
EUR 129.58 44 iPKP 52 12.80 1.2
0.2s 6.14nm
ITR 142.71 245 ePKP 52 31.70 -4.7X
e 52 33.30
TUL 144.55 34 ePKP 52 37.80 -1.1
1.0s 79.80nm
RLO 144.79 33 iPKP 52 35.60 -3.7X
JCT 145.55 45 iPKP 52 41.80 0.9
1.0s 120.00nm
BAO 146.72 226 e(PKP) 52 45.00 1.8
HKT 148.60 42 iPKP 52 50.50 4.8X
YJA 149.57 192 ePKPc 52 49.00 1.0
S.D. = 1.0 on 79 of 91 obs.

APR 02, 1985 18h 03m 22.30± 1.00s
3.622 N ± 4.2km 127.140 E ± 9.2km
DEPTH = 74.4 ± 9.3 km
4.5mb (6 obs.)
TALAUD ISLANDS (263)

MNI 3.16 227 ePc 04 11.30 0.6
eS 04 54.00
CGP 5.38 333 ePc 04 42.50 0.7
AAI 7.34 172 eP 05 08.10 -0.8
MAP 7.36 335 eP 05 09.00 -0.2
PLP 7.79 344 eP 05 11.00 -4.3X
KNA 19.31 175 eP 07 41.00 -3.4X
QIZ 22.81 313 eP 08 21.20 1.5
WRA 24.46 163 Pd 08 32.40 -3.4X
0.6s 6.90nm 4.3mb
WB2 24.47 163 eP 08 34.20 -1.6
e 11 27.10
eS 13 04.00
MBL 25.65 196 eP 08 47.50 0.6
LOE 28.43 301 eP 09 11.00 -1.3
WBN 29.59 181 eP 09 23.00 0.4
GYA 30.01 321 P 09 25.80 -0.6
MEK 31.19 195 eP 09 36.30 -0.3
CHTO 31.43 301 eP 09 39.00 0.1
0.8s 1.46nm 3.8mb
KMI 31.75 315 eP 09 41.00 -0.8
TIA 33.72 345 eP 09 57.70 -0.9
MAT 34.31 16 (P) 10 02.00 -1.7
0.7s 7.53nm 4.7mb
CD2 34.97 323 Pc 10 08.80 -0.7
KLB 36.14 194 iPd 10 19.90 0.7
TIY 36.50 340 eP 10 22.50 0.2
MUN 36.90 196 iPd 10 26.30 0.7
NWAO 37.54 194 eP 10 32.00 1.0
BJI 37.59 346 P 10 32.50 1.2
STK 37.89 160 iPd 10 33.50 -0.4
SNY 38.17 356 eP 10 37.30 1.2
RKG 38.69 194 eP 10 47.00 6.4X
HHC 39.63 341 Pc 10 50.00 1.5
CN2 40.04 358 eP 10 51.40 -0.2
SHL 40.27 306 iP 10 53.50 -0.5
MDJ 40.88 3 eP 10 58.00 -0.5
GTA 43.40 329 P 11 19.40 0.0
PKI 46.36 305 eP 11 42.80 -0.7
0.4s 2.00nm 4.4mb
DMN 46.63 305 eP 11 45.20 -0.3
0.5s 6.00nm 4.8mb
HYB 49.54 290 eP 12 07.20 -0.7
GBA 50.04 285 Pc 12 10.90 -0.8
1.0s 6.50nm 4.6mb
WMQ 53.05 325 P 12 34.50 0.4
MHI 69.90 307 eP 14 28.00 0.3
INK 90.12 22 eP 16 15.00 -0.1
SUF 91.83 333 eP 16 23.00 0.0
YKA 99.43 24 eP 16 59.80 2.1
S.D. = 0.9 on 37 of 41 obs.

APR 02, 1985 19h 29m 37.99± 0.70s
66.980 N ± 6.9km 23.530 E ± 8.6km
DEPTH = 10.0km (geophysicist)
SWEDEN (536)
ML 3.2 (UPP). Felt.

SOD 1.27 71 iP 30 02.60 1.0
iS 30 20.00
KIR 1.48 307 iPg 30 04.50 -0.2
iSg 30 22.60
KEV 3.07 23 eP 30 27.00 -0.4
eSg 31 17.00
TRO 3.17 329 ePn 30 28.50 -0.2
ePg 30 36.00
eSn 31 05.00
eSg 31 18.00
KJF 3.29 146 eP 30 29.00 -1.5
eSg 31 18.00
UME 3.46 205 iPn 30 35.70 2.7X
iPg 30 39.10
iSg 31 23.00
SUF 4.42 164 iP 30 45.60 -1.0
MYV 5.62 228 iPn 31 04.00 0.4
i 31 57.40
iSg 32 28.80
NUR 6.52 175 eP 31 18.00 1.8
eS 32 22.00
iSg 32 59.20
S.D. = 1.3 on 8 of 9 obs.

& APR 02, 1985 19h 32m 03.88s
60.474 N 147.702 W
DEPTH = 25.6km
SOUTHERN ALASKA (2)
<AGS-P>.

GLI 0.51 36 iP 32 13.86 -0.3
iS 32 21.62
HIN 0.60 97 iP 32 15.52 -0.2
TTV 0.65 26 iP 32 16.19 -0.4
iS 32 25.46
FID 0.66 65 iP 32 15.65 -1.2
PTE 0.76 302 iP 32 17.05 -1.3
iS 32 27.36
VZW 0.81 43 iP 32 18.39 -1.0
MPA 0.82 272 iP 32 17.53 -1.9
VLZ 0.94 45 eP 32 20.38 -1.0
SEW 0.95 248 iP 32 19.44 -2.0
iS 32 31.66
KNK 1.01 339 iP 32 21.61 -0.8
iS 32 35.10
PMS 1.19 311 iP 32 24.41 -0.6
SGAM 1.24 88 iP 32 25.21 -0.4
iS 32 41.49
SLKM 1.25 273 iP 32 24.65 -1.1
iS 32 40.75
MID 1.25 146 eP 32 30.38 4.6
PLRM 1.32 329 eP 32 26.08 -0.6
PME 1.33 331 eP 32 26.38 -0.4
iS 32 44.46
KLU 1.34 40 iP 32 27.16 0.0
SML 1.37 347 iP 32 27.69 0.1
SCM 1.38 7 eP 32 28.17 0.5
TSIM 1.38 56 iP 32 27.82 0.1
CSG 1.42 81 iP 32 29.06 0.9
GHO 1.43 336 iP 32 28.23 -0.2
iS 32 47.68
MSE 1.50 336 iP 32 29.01 -0.5
RAGM 1.50 92 eP 32 29.63 0.2
PWA 1.59 319 iP 32 30.19 -0.4
BMRM 1.61 71 eP 32 30.72 -0.3
KMP 1.67 50 iP 32 32.32 0.4
BRLK 1.75 247 iP 32 31.25 -1.7
NKA 1.76 280 iP 32 33.68 0.5
TOA 1.80 24 iP 32 35.25 1.5
NNL 1.84 258 iP 32 33.44 -0.9
GLB 2.13 61 iP 32 38.44 -0.1
iS 33 05.01
SPU 2.25 290 iP 32 38.50 -1.7
CGLM 2.26 294 iP 32 38.98 -1.5
CRP 2.32 292 eP 32 40.03 -1.3
RDT 2.33 275 eP 32 39.40 -1.9
ILM 2.56 266 iP 32 42.28 -2.3
BALM 2.69 76 eP 32 45.81 -0.7
YAH 2.96 90 iP 32 49.76 -0.6
PDB 3.32 261 eP 32 53.10 -2.2
PCA 3.73 93 eP 32 59.84 -1.3

HON 4.55 99 eP 33 10.04 -2.8
42 obs. associated

• APR 02, 1985 19h 48m 01.00± 1.06s
24.440 N ±11.2km 94.753 E ±12.1km
DEPTH = 83.7 ± 15.1 km
4.4mb (3 obs.)
BURMA-INDIA BORDER REGION (294)

SHL 2.83 294 iP 48 44.50 -0.7
eS 49 17.40
LSA 6.14 329 eP 49 31.90 0.4
eS 50 36.60
CHTO 6.82 144 iPd 49 41.00 0.6
0.5s 5.36nm 4.3mb
KMI 7.29 83 Pd 49 52.50 5.4X
GYA 10.95 77 eP 50 45.60 8.8X
XAN 15.62 49 eP 51 37.00 -0.6
WMQ 20.18 345 P 52 32.00 0.8
WRA 58.58 135 Pc 57 51.00 -0.5
0.6s 2.50nm 4.5mb
HFS 64.72 327 eP 58 32.10 0.0
0.5s 2.20nm 4.3mb
S.D. = 0.9 on 7 of 9 obs.

APR 02, 1985 19h 56m 55.29± 0.77s
35.760 N ± 6.1km 139.922 E ± 8.0km
DEPTH = 33.0km (normal)
NEAR S. COAST OF HONSHU, JAPAN (230)

YOK 0.39 214 iP 57 03.50 -0.7
S 57 10.60
TSK 0.47 19 iPd 57 05.20 -0.3
SRY 0.55 254 iPd 57 06.80 0.2
KYS 0.59 162 iPc 57 07.80 0.6
DDR 0.64 292 eP 57 08.10 0.2
OYM 0.65 239 eP 57 08.10 0.0
AJI 0.98 224 P 57 12.50 -0.3
eS 57 25.00
MAT 1.59 300 iPd 57 21.80 0.3
eS 57 40.00
S.D. = 0.5 on 8 of 8 obs.

& APR 02, 1985 20h 00m 00.09s
37.095 N 116.032 W
DEPTH = 0.0km
5.7mb (87 obs.) 4.7Msz (1 obs.)
SOUTHERN NEVADA (41)
<DOE>. ML 5.6 (BRK). 37° 05'
41.31" N., 116° 01' 56.42" W.,
Surface Elev. 1278 m., Depth of
Burial 640 m., Shot Time
200000.090, "HERMOSA", Nevada
Test Site (Dept. of Energy).

PRN 0.84 68 P 00 15.50 -1.4
TIN 1.76 269 iPc 00 32.00 -0.1
CWC 1.77 249 iPc 00 32.00 -0.3
CLC 1.79 225 iPc 00 31.50 -1.1
GSC 1.90 199 iPc 00 33.00 -1.1
MNA 2.15 309 iPc 00 36.90 -0.9
SBB 2.81 212 iPc 00 45.80 -1.4
FRI 2.94 269 iPc 00 48.40 -0.6
TPC 2.98 180 iPd 00 48.40 -1.2
MWC 3.31 211 iPc 00 53.60 -0.7
HAY 3.39 174 iPc 00 54.10 -1.4
JAS1 3.59 285 iPc 00 57.10 -1.1
PRI 3.85 257 iPc 01 01.10 -0.9
LLA 3.97 265 ePc 01 02.20 -1.4
RMU 4.05 89 P 01 04.30 -0.5
SYP 4.11 233 ePc 01 04.00 -1.6
CIS 4.16 208 iPc 01 04.90 -1.4
SLBC 4.21 194 eP 01 05.60 -1.3
CPE 4.30 192 ePd 01 06.70 -1.5
SAO 4.35 267 eP 01 07.70 -1.3
PRS 4.36 262 ePc 01 07.80 -1.3
BAR 4.44 187 iPc 01 08.80 -1.5
IKP 4.44 181 iPd 01 08.40 -1.5
MHC 4.48 275 iPc 01 10.20 -0.5
CPBX 4.70 172 ePc 01 25.70 11.7
S 02 48.20
GCC 4.77 271 ePc 01 12.80 -2.2
CBX 4.80 186 ePd 01 14.60 -0.8
S 02 32.90
ORV 4.95 301 iPc 01 15.90 -1.6
BKS 4.99 281 iP 01 16.50 -1.6
iS 02 23.00

02d 20h

BRK 5.01 281 eP 01 17.00 -1.4
i 01 35.70
PCC 5.08 276 iPc 01 17.60 -1.7
ENX 5.23 186 ePd 01 20.90 -0.5
S 02 43.70
PBX 5.38 186 eP+ 01 23.30 -0.2
S 02 49.20
MIN 5.43 308 iPc 01 23.20 -1.3
WDC 6.15 306 iPc 01 32.70 -1.8
e 01 54.10
BDW 7.54 39 P 01 53.30 -0.9
ALO 8.05 103 iPc 01 58.20 -3.1
LRM 9.12 16 ePc 02 16.80 0.6
COR 9.29 326 iPc 02 19.00 0.8
CLX 11.13 3 iPc 02 43.90 0.2
LHD 11.16 2 iPc 02 44.40 0.3
NEW 11.19 356 eP 02 44.40 0.0
eLg 05 56.00
LDM 11.36 2 iP 02 46.70 -0.1
YKM 11.76 1 iPc 02 51.20 -1.1
RXF 11.78 3 iPc 02 52.60 0.1
MOT 11.86 119 iP 02 56.10 2.3
PNT 12.49 349 eP 03 02.00 0.0
PGC 12.76 337 eP 03 07.00 1.5
ACO 13.52 87 e(P) 03 15.20 -0.6
0.7s 38.80nm 5.5mb
OZO 13.72 94 e(P) 03 16.70 -1.7
1.3s 248.50nm 6.0mb
i 03 19.80
SES 13.77 14 eP 03 18.00 -1.0
JCT 15.01 111 iP 03 35.10 -0.3
PHC 15.87 333 ePd 03 46.60 0.3
1.6s 577.00nm 5.5mb
EDM 16.24 6 eP 03 49.30 -1.8
TUL 16.32 88 eP 03 51.20 -1.0
1.5s 574.90nm 5.5mb
Z 18s 2.87um
N 16s 1.36um
E 16s 1.44um
eLg 08 32.00
ATY 16.55 109 iP 03 55.00 -0.1
S 08 42.00
RLO 16.89 87 eP 03 58.70 -0.8
BHO 17.39 93 ePc 04 05.10 -0.7
HKT 18.27 107 iP 04 19.00 2.4
S 09 05.00
FFC 20.09 24 iPc 04 35.40 -2.6
1.4s 682.00nm 5.8mb
RSON 21.05 42 P 04 47.20 -0.7
1.0s 225.00nm 5.5mb
CHI 22.38 69 P 05 00.00 -1.4
LHC 22.56 51 eP 05 01.50 -1.6
1.0s 281.00nm 5.7mb
IIC 22.65 135 iP 05 05.00 0.5
CRX 22.70 136 iPc 05 02.10 -2.9
OXM 22.78 137 ePd 05 06.50 0.6
TLX 22.90 133 ePd 05 04.10 -2.9
TAC 22.97 136 iP 05 06.00 -1.7
IIP 23.17 135 eP 05 08.00 -1.7
TPM 23.38 136 iPc 05 12.00 0.4
UTO 25.41 70 iPc 05 29.50 -1.3
YKC 25.43 2 ePc 05 29.00 -1.7
1.4s 262.00nm 5.8mb
YKA 25.44 2 eP 05 29.20 -1.6
PIO 26.00 138 iP 05 36.00 -0.4
OXX 26.23 134 iPc 05 34.00 -4.8
BLA 28.28 79 eP 05 56.20 -1.0
1.2s 176.56nm 5.8mb
OTT 31.16 62 eP 06 20.00 -2.7
KDC 31.60 323 eP 06 25.00 -1.4
PME 32.01 331 eP 06 29.60 -0.4
1.5s 243.10nm 5.9mb
PMR 32.03 331 P 06 29.80 -0.4
1.3s 188.68nm 5.9mb
MNT 32.63 62 eP 06 33.00 -2.6
INK 32.73 348 eP 06 34.00 -2.2
COL 33.57 336 iP 06 41.50 -2.1
FBA 33.57 336 iPc 06 42.60 -1.0
1.2s 179.70nm 5.9mb
SVW 34.49 327 iPc 06 50.70 -0.9
TTA 35.48 330 P 06 59.00 -1.1
0.8s 68.97nm 5.5mb
IMA 36.24 335 iPc 07 06.10 -0.5
SCH 37.64 46 ePc 07 17.00 -1.3
FRB 38.90 31 ePc 07 27.70 -1.0
0.7s 60.00nm 5.3mb
MBC 39.27 359 iPc 07 30.80 -0.9
0.5s 60.00nm 5.5mb
BRW 40.19 341 ePc 07 37.90 -1.4
UPA 43.27 121 ePc 08 04.00 -1.2
0.8s 29.85nm 5.1mb
ADK 44.42 309 eP 08 11.00 -3.2
STJ 46.75 56 eP 08 31.00 -1.7
0.8s 192.00nm 6.3mb
SJG 47.50 99 iPc 08 37.80 -1.2
ALE 48.87 8 iPc 08 46.00 -2.9
0.5s 24.00nm 5.5mb
BMG 49.14 117 eP 08 50.50 -1.3
UAV 49.49 113 eP 08 54.30 -0.4
SDV 49.69 113 eP 08 55.70 -0.5
TOV 49.72 111 iPc 08 56.00 -0.3
0.9s 150.00nm 5.9mb
BOG 50.16 120 eP 08 58.00 -2.0
PSO 50.49 126 eP 09 02.00 -0.5
CAR 51.42 108 iPc 09 08.50 -0.8
0.4s 84.75nm 6.0mb
DAG 55.87 16 iPd 09 27.60 -13.7
0.6s 37.33nm
TPT 59.74 216 iP 10 08.20 -0.9
1.2s 100.00nm 5.8mb
RUV 59.81 216 iP 10 08.80 -0.7
1.2s 240.00nm 6.2mb
PMO 59.89 216 iP 10 09.60 -0.5
0.1s 105.00nm 6.8mb X
VAH 59.96 216 iP 10 09.90 -0.7
1.2s 195.00nm 6.1mb
NNA 61.15 135 eP 10 17.70 -1.2
1.5s 69.44nm 5.6mb
PPN 62.80 216 iP 10 29.00 -0.8
1.2s 165.00nm 6.1mb
PPT 62.90 216 iP 10 29.70 -0.7
1.2s 220.00nm 6.3mb
TVO 62.93 216 iP 10 30.00 -0.7
1.2s 125.00nm 6.0mb
AFR 62.97 217 iP 10 29.90 -1.0
1.2s 195.00nm 6.2mb
PAE 62.98 216 iP 10 30.10 -0.9
1.2s 185.00nm 6.2mb
ARE 67.81 133 iP 11 01.50 -1.1
LPB 69.88 131 Pc 11 13.00 -2.5
0.9s 75.63nm 5.8mb
eLR 37 15.00
KEV 70.09 13 iP 11 12.80 -2.7
0.6s 22.20nm 5.5mb
EAB 70.57 33 iPc 11 16.10 -2.6
0.8s 52.00nm 5.7mb
ELO 70.67 33 iPc 11 17.10 -2.2
0.8s 82.00nm 5.9mb
EBH 70.89 33 iPc 11 18.40 -2.3
1.0s 77.00nm 5.8mb
EDI 71.24 33 iPc 11 20.40 -2.3
EBL 71.40 33 ePc 11 21.50 -2.2
1.0s 56.00nm 5.6mb
ESY 71.49 33 ePc 11 22.10 -2.2
EKA 71.62 34 Pc 11 22.40 -2.7
0.9s 19.40nm 5.2mb
CCH 71.72 130 eP 11 21.50 -5.0
i 11 24.30
ECB 71.78 38 iPc 11 23.50 -2.5
0.8s 70.00nm 5.8mb
ETA 71.85 37 iPc 11 24.20 -2.3
1.3s 125.00nm 5.9mb
SOD 72.08 14 iP 11 24.80 -2.8
ECP 72.09 38 eP 11 25.30 -2.6
1.3s 250.00nm 6.2mb
MYV 72.71 21 iPc 11 48.70 17.3
NB2 73.20 24 P 11 32.10 -2.3
1.3s 95.30nm 5.7mb
KONO 73.69 25 eP 11 35.50 -1.7
HFS 74.68 24 iPc 11 40.70 -2.2
0.7s 81.80nm 5.9mb
Z 16s 0.22um 4.6MszX
LR 40 30.00
KJF 75.06 16 iPc 11 43.00 -2.0
0.7s 53.40nm 5.7mb
YJA 75.77 132 ePc 11 49.20 -1.0
MUD 75.90 28 iPd 11 48.90 -1.0
1.4s 223.00nm 6.1mb
SUF 76.00 17 iPc 11 47.90 -2.5
0.6s 16.50nm 5.3mb
FLN 77.17 38 iPc 11 56.10 -1.1
0.9s 47.10nm 5.6mb
GRR 77.23 38 iPc 11 56.50 -1.0
0.9s 45.30nm 5.6mb
LPF 77.38 39 iPc 11 57.10 -1.2
0.9s 42.40nm 5.6mb
LDF 77.46 38 iPc 11 57.70 -1.1
0.9s 43.80nm 5.6mb
NUR 77.54 19 iPc 11 57.00 -2.0
1.0s 50.00nm 5.6mb
Z 17s 0.20um 4.5MszX
i 12 19.90
LR 47 10.00
WIT 77.58 32 eP 12 00.00 0.7
SLA 77.74 134 ePc 12 00.20 -0.6
UCC 78.03 34 P 11 59.80 -2.0
WTS 78.24 32 iPc 12 02.30 -0.6
1.3s 147.00nm 5.9mb
TSK 78.56 307 eP 12 02.50 -2.6
ENN 78.74 33 iPc 12 04.80 -1.0
MTH 78.77 50 eP 12 05.00 -1.2
MFF 78.80 39 iPc 12 05.20 -1.0
0.9s 45.80nm 5.5mb
MTE 78.81 48 ePc 12 04.80 -1.7
MEM 78.90 33 Pc 12 05.20 -1.4
BNS 79.15 33 iPc 12 07.10 -0.9
1.4s 220.00nm 6.0mb
KYS 79.15 306 eP 12 07.60 -0.7
DDR 79.28 307 eP 12 07.60 -1.5
MDJ 79.36 319 eP 12 07.00 -2.3
SRY 79.47 307 eP 12 08.00 -2.0
MAT 79.56 308 iPc 12 08.60 -2.0
1.0s 103.00nm 5.8mb
OYM 79.60 307 eP 12 08.90 -1.9
PRL 79.61 48 ePc 12 09.50 -1.4
WLF 79.65 34 Pc 12 10.20 -0.5
LSF 79.88 39 iPc 12 10.60 -1.5
GRC 79.91 37 iPc 12 10.80 -1.4
TCF 80.19 38 iPc 12 12.30 -1.5
0.9s 33.90nm 5.3mb
TNS 80.24 32 eP 12 12.90 -1.1
SSF 80.28 37 iPc 12 12.80 -1.4
1.4s 141.10nm 5.7mb
LOR 80.31 37 iPc 12 13.30 -1.0
BGF 80.32 38 iPc 12 13.00 -1.4
0.8s 46.40nm 5.5mb
LGR 80.35 43 iPc 12 14.00 -0.6
LFF 80.39 40 iPc 12 13.70 -1.1
1.3s 102.90nm 5.6mb
AVF 80.40 37 iPc 12 13.40 -1.4
1.4s 120.20nm 5.7mb
MZF 80.43 38 iPc 12 13.70 -1.3
1.3s 113.60nm 5.7mb
RJF 80.53 39 iPc 12 14.30 -1.3
1.4s 108.00nm 5.6mb
LBF 80.57 37 iPc 12 14.50 -1.2
1.4s 108.90nm 5.6mb
SMF 80.74 37 iPc 12 15.10 -1.5
1.4s 100.10nm 5.6mb
LPO 80.80 40 iPc 12 16.00 -1.0
1.3s 89.50nm 5.6mb
GWF 80.80 34 iPc 12 15.40 -1.5
HAU 80.94 35 iPc 12 16.70 -1.0
1.0s 52.00nm 5.5mb
CDF 81.07 34 iPc 12 17.50 -0.9
0.9s 30.70nm 5.3mb
CAF 81.07 39 iPc 12 17.20 -1.3
0.9s 49.70nm 5.5mb
TOL 81.19 46 iP 12 18.00 -1.1
ePP 15 23.00
MOX 81.25 31 iPc 12 18.00 -1.2
1.4s 73.00nm 5.5mb
ePP 15 23.00
BSF 81.27 35 iPc 12 18.50 -1.0
0.9s 77.00nm 5.8mb
CLL 81.29 30 iPc 12 17.90 -1.5
1.5s 67.00nm 5.5mb
BUH 81.30 34 ePc 12 18.60 -1.0
JACH 81.35 143 eP 12 19.00 -1.0
EPF 81.50 42 iPc 12 19.60 -1.1
1.5s 64.70nm 5.5mb
HOF 81.61 31 eP 12 19.60 -1.5
1.2s 60.00nm 5.6mb
PEL 81.68 143 iPd 12 21.30 -0.3
GRF 81.82 31 iPc 12 21.80 -0.4
1.5s 130.00nm 5.8mb
Z 19s 0.30um 4.7Msz
LNV 82.00 144 eP 12 22.50 -0.6
BRG 82.00 29 iPc 12 21.80 -1.3
CN2 82.08 320 Pc 12 21.00 -2.7
MDZ 82.37 141 i(P) 12 26.80 1.6

```
BAO     82.69 116 P      12 26.60  -0.7
WET     82.93  31 iPc    12 27.00  -1.0
        1.6s    72.00nm          5.6mb
KSP     82.93  28 iPc    12 26.50  -1.5
PRU     82.94  30 Pc     12 26.90  -1.1
        1.4s    82.00nm          5.8mb
FUR     83.01  32 iPc    12 28.10  -0.4
        1.3s   129.00nm          6.0mb
MAL     83.06  49 eP     12 28.00  -0.8
KHC     83.23  31 iPc    12 28.60  -1.0
        1.5s   107.00nm          5.9mb
                   e     13 21.00
                   e     15 28.70
CRT     83.24  48 iPc    12 29.00  -0.9
TCA     83.36 138 ePd    12 28.50  -1.9
AVE     83.43  53 iPd    12 30.20  -0.7
ORO     83.46  36 eP     12 30.50  -0.4
SOB1    83.86 106 eP     12 30.10  -3.1
        0.9s    30.30nm          5.5mb
                   e     12 32.60
OGA     83.90  33 iPc    12 32.10  -1.2
        1.4s   121.00nm          5.9mb
BHG     84.04  32 iPc    12 32.90  -0.8
        1.5s   108.00nm          5.9mb
LRG     84.28  38 iPc    12 34.30  -0.6
        1.4s   117.90nm          5.9mb
KMR     84.30  31 iP+    12 34.00  -1.0
SHK     84.31 309 eP     12 33.80  -1.5
FRF     84.34  38 iPc    12 34.40  -0.9
        1.4s   151.50nm          6.0mb
LMR     84.44  38 iPc    12 35.00  -0.8
        1.2s    89.20nm          5.9mb
SNY     84.45 320 eP     12 34.80  -1.0
SAL     84.64  34 eP     12 36.00  -0.7
KBA     84.74  32 iPc    12 36.00  -1.4
        1.5s    66.10nm          5.6mb
                e(PP)    15 50.00
CTI     84 81  34 iPd    12 36.80  -0.9
KRA     84.92  27 ePc    12 36.70  -1.3
        1.4s   179.00nm          6.1mb
                   e     12 47.00
VKA     85.02  30 ePc    12 37.00  -1.6
        1.5s   186.00nm          6.1mb
TIO     85.07  55 iPc    12 38.50  -0.8
ZST     85.38  29 iPc    12 39.90  -0.5
ITR     85.48 104 iP     12 40.70  -0.7
SOP     85.58  30 iPc    12 40.20  -1.2
        1.8s   217.80nm          6.0mb
SPC     85.75  27 iPc    12 42.20  -0.3
LJU     86.06  32 eP     12 41.80  -2.0
SRO     86.16  29 iP     12 43.30  -1.0
JOS     86.44  27 iPc    12 44.70  -0.9
        1.5s    66.70nm          5.6mb
VAO     88.28 121 eP     12 54.10  -0.8
BJI     89.51 323 eP     13 00.50   0.0
CLO     90.16  28 eP     13 02.00  -1.5
VRI     90.87  25 eP     13 05.00  -1.8
HNR     90.89 259 eP     13 06.00  -1.2
MLR     90.93  26 eP     13 16.00   8.8
HHC     91.02 326 Pd     13 07.30  -0.4
TIA     91.98 320 Pd     13 11.00  -1.0
SKD     92.25  30 iP     13 11.00  -2.2
OHR     92.71  31 eP     13 13.60  -1.8
TIY     93.13 324 eP     13 15.90  -1.5
VAY     93.25  30 iP     13 16.00  -1.8
NOU     93.82 245 iPc    13 23.00   2.5
KDZ     94.06  28 iPd    13 20.00  -1.5
WMQ     96.63 343 eP     13 32.50  -0.9
KRP     97.76 228 P      13 47.00   8.9
XAN     97.77 324 eP     13 36.20  -2.4
QUE    113.01 357 ePKP   18 37.00  -4.2
CHTO   115.35 323 ePKP   18 43.00  -2.8
WRA    117.15 265 PKPc   18 46.60  -2.6
        0.9s    7.40nm
BNG    120.89  56 ePKPd  18 38.10 -18.4
        1.5s    48.00nm
HYB    124.06 343 ePKP   18 59.00  -3.5
SPA    126.91 180 e(PKP) 19 05.80  -0.9
GBA    128.00 343 PKPd   19 07.60  -2.5
        1.1s    21.10nm
PSI    128.80 313 ePKP   19 09.00  -2.7
        1.0s    29.30nm
NAI    136.43  41 ePKP   19 16.00 -10.5
KRI    143.61  66 ePKP   19 34.00  -5.2
BUL    144.92  71 iPKPc  19 38.00  -3.4
MTD    145.00  63 iPKPc  19 39.00  -2.5
TET    145.98  60 iPKP   19 47.00   4.0
        1.2s   190.00nm
                   e     20 38.00
KSR    146.65  81 iPKPc  19 42.40  -1.8
        1.2s   380.00nm
BLF    147.53  87 iPKPd  19 45.00  -0.4
        0.5s    38.92nm
VIR    147.64  85 iPKPc  19 46.00   0.4
        1.4s   288.37nm
SLR    147.68  80 ePKP   19 44.50  -1.3
        1.2s   295.31nm
SEK    148.35  85 ePKP   19 45.60  -1.2
        1.1s   202.53nm
EVA    148.68  80 iPKPc  19 49.50   2.1
        0.8s   126.87nm
NPA    148.98  52 ePKP   19 49.00   1.1
GRM    149.34  94 ePKP   19 48.40   0.4
        1.0s   160.00nm
MAW    149.44 179 ePKP   19 45.00  -2.0
JOZ    151.48  80 e(PKP) 19 55.50   4.1
       267 obs. associated

*  APR  02, 1985  20h 39m 12.52± 1.10s
   37.112 N ± 9.0km  116.063 W ±15.5km
   DEPTH =   0.0km  (geophysicist)
   4.8mb (  1 obs.)
 SOUTHERN NEVADA                 ( 41)
      ML 4.7 (BRK). NTS Collapse.

SAO     4.33 267 eP     40 28.00   6.9X
CBX     4.81 186 ePc    40 27.78  -0.2
                 S      42 03.20
MIN     5.40 308 eP     40 56.00  19.5X
ALQ     8.08 103 e(P)   41 14.00  -0.1
NEW    11.17 356 eP     41 58.00   1.4
JCT    15.04 111 eP     42 49.00   0.8
EDM    16.22   6 eP     43 03.00  -0.3
FFC    20.09  24 ePc    43 48.80  -1.5
        1.9s    89.00nm          4.8mb
     S.D. = 1.3  on   6 of   8 obs.

*  APR  02, 1985  20h 45m 03.45± 0.79s
    5.945 N ±11.2km   82.732 W ±15.9km
   DEPTH =  10.0km  (geophysicist)
   4.3mb (  2 obs.)  4.1Msz (  1 obs.)
 SOUTH OF PANAMA                 ( 83)

UPA     4.38  46 iPc    46 11.80   0.3
        0.5s   112.68nm
                 i      46 23.20
                 i      47 03.00
                 i      47 10.00
NNA    18.75 162 eP     49 25.00   0.1
        0.9s    12.60nm          4.1mb
SJG    20.20  52 e(P)   49 27.00 -14.4X
LPB    26.61 147 eP     50 48.00   3.4X
     Z  22s     0.56um          4.1Msz
                 LR     59 10.00
ALQ    36.22 326 eP     52 10.20   1.4
        1.2s    10.55nm          4.6mb
YKC    61.05 344 eP     55 18.50  -1.0
YKA    61.10 344 eP     55 19.70  -0.1
INK    70.76 342 eP     56 21.00  -0.5
MBC    73.08 351 eP     56 35.00  -0.3
     S.D. = 0.9  on   7 of   9 obs.

?  APR  02, 1985  21h 34m 17.92± 2.41s
   17.774 S ±33.5km  178.915 W ±22.2km
   DEPTH = 643.9 ± 32.2 km
   4.6mb (  4 obs.)
 FIJI ISLANDS REGION             (181)

AFI     7.87  62 P      36 05.00 -12.9X
                 S      37 38.00
NOU    14.47 249 iPd    37 20.10  -0.2
RMQ    31.11 248 eP     39 49.00   0.5
CMS    34.67 240 iPd    40 18.00  -0.1
TOO    36.88 230 eP     40 36.00  -0.2
        0.7s    11.00nm          4.5mb
STK    38.28 241 iPd    40 47.90   0.3
        0.5s    13.00nm          4.7mb
WRA    44.18 259 Pc     41 34.00  -0.2
        0.5s     5.60nm          4.3mb
ASPA   44.37 254 iPd    41 36.10   0.4
        0.4s   101.00nm          5.6mb X
KNA    50.01 264 eP     42 18.00   0 0
WBN    50.93 250 iPd    42 24.50  -0.1
        0.4s    16.00nm          4.7mb
MBL    57.54 256 eP     43 10.30  -0.5
EUR    81.76  44 eP     45 32.90   0.1
BDW    87.58  44 eP     46 00.80  -0.1
        0.7s     0.65nm          3.5mb X
     S.D. = 0.3  on  12 of  13 obs.

?  APR  02, 1985  21h 48m 49.36± 9.27s
    9.404 S ±74.3km  168.122 E ±77.5km
   DEPTH =  33.0km  (normal)
   4.6mb (  1 obs.)
 SANTA CRUZ ISLANDS REGION       (183)

HNR     8.07 269 eP     50 46.00  -1.2
                 eS     51 57.00
SVO     8.20 271 eP     50 50.00   0.9
                 (S)    52 04.00
VSG     8.30 270 eP     50 51.00   0.5
                 e(S)   52 06.00
NOU    12.93 187 iPc    51 54.00   0 4
RMQ    25.00 225 eP     54 11.00  -0.8
WRA    34.25 248 Pc     55 34.70   0.1
        1.0s     8.00nm          4.6mb
     S.D. = 1.1  on   6 of   6 obs.

*  APR  02, 1985  23h 03m 25.15± 1.40s
   32.591 S ± 6.1km   71.850 W ±14.4km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE     (135)

ROCH    0.80 118 iP     03 38.80  -1.4
JACH    1.06  95 iPc    03 42.60  -1.3
PEL     1.12 120 iPd    03 44.40  -0.3
                 i(S)   03 51.70
TACH    1.31 144 iPc    03 47.80   0.6
BACH    1.37 124 iPd    03 48.00  -0.2
LNV     1.41 165 iPd    03 49.40   0.7
                 IS     04 07.80
FCH     1.50 120 iPd    03 50.00  -0.4
PCH     1.52 133 iP     03 50.20  -0.2
CHCH    1.67 143 iPd    03 53.90   1.3
MDZ     2.54  97 iP     04 08.30   3.2X
RTCB    2.81  68 iPc    04 10.60   1.7
                 (S)    04 49.00
ZON     2.89  70 eP     04 12.00   2.1
RTLL    3.14  67 ePc    04 14.50   1.0
                 S      04 53.00
CFA     3.22  73 ePc    04 15.30   0.7
                 S      04 57.80
RFA     3.56 129 ePc    04 20.60   1.1
                 S      05 14.00
VCA     4.96  40 ePc    04 39.80   0.3
                 S      05 42.00
TCA     6.29  80 ePc    04 56.00  -2.2
                 S      06 06.00
CYA     6.66  53 e(P)   05 02.00  -1.3
FSA     8.24  40 e(P)   05 26.00   0.6
ANT     8.94   8 eP     05 49.50  14.5X
SLA     9.62  37 eP     05 45.00   0.5
ARE    16.06   1 e(P)   07 15.00   4.5X
VAO    23.95  73 eP     08 35.80  -1.6
KIC    74.49  72 eP     15 00.80  -1.6
GBA   146.20 117 PKPc   23 02.90  -0.3
        0.7s     4.20nm
HYB   149.35 112 ePKP   23 12.00   3.8X
     S.D. = 1.2  on  22 of  26 obs.

%  APR  02, 1985  23h 35m 44.51± 0.56s
   16.070 N ± 4.8km   61.529 W ± 5.5km
   DEPTH =  10.0km  (geophysicist)
 LEEWARD ISLANDS                 ( 92)
      Felt (III) on Guadeloupe.

PAG     0.15 254 iPd    35 49.08   1.6
                 S      35 51.70
MLG     0.17 267 iP     35 48.50   0.6
MGG     0.25 127 iPc    35 51.05   1.2
SEG     0.33   4 iPc    35 51.70   0.3
SFG     0.37  60 iP     35 52.41   0 3
MDN     0.76 171 iPc    35 59.44   0 1
                 S      36 10.00
BPA     1.02 342 iPc    36 02.78  -1.0
                 S      36 16.00
FDF     1.38 165 eP     36 09.10  -0.7
                 S      36 26.50
CRM     1.44 156 iPc    36 09.09  -1.5
BIM     1.61 164 eP     36 12.46  -0.6
                 S      36 33.30
```

02d 23h

S.D. = 1.0 on 10 of 10 obs.

APR 03, 1985 01h 44m 26.83± 0.84s
38.099 N ± 6.4km 48.422 E ± 4.4km
DEPTH = 26.3 ± 6.9 km
4.7mb (13 obs.) 3.7Msz (1 obs.)
N.W. IRAN-USSR BORDER REGION (344)

TAB	1.65	270	iPd-	44	55.30	0.7
TEH	3.35	134	ePd	45	20.00	1.3
KER	3.89	196	eP	45	28.00	1.6
MSL	4.54	249	ePnd	45	34.60	-1.1
			iP*	45	47.00	
			iPg	46	02.00	
			iSn	46	43.80	
			iLg	47	10.40	
BHD	5.83	216	eP	45	54.00	0.3
			i	46	12.00	
			iS	47	32.00	
			iLR	48	00.00	
MHI	9.02	98	iPnc	46	36.50	-1.9
			eSn	47	58.00	
SHI	9.10	157	eP	46	40.00	0.4
KHI	9.16	112	ePd	46	38.80	-1.7
QUE	17.23	112	eP	48	28.00	0.6
ISR	17.78	300	eP	48	34.50	0.5
VRI	17.87	303	eP	48	35.00	-0.1
MLR	18.28	301	eP	48	32.00	-8.3X
VTS	19.71	291	eP	48	57.00	-0.2
VAY	20.12	287	eP	49	02.00	0.5
CLO	20.34	298	eP	49	02.00	-1.7
SKO	20.98	289	eP	49	12.20	1.8
Z	14s		0.53um			4.1MszX
E	14s		0.53um			
OHR	21.45	287	eP	49	13.50	-1.8
KSH	21.50	78	eP	49	16.00	0.2
SPC	23.07	308	eP	49	40.00	8.7X
KRA	23.54	310	eP	49	27.00	-8.6X
			e	49	42.80	
ZST	24.82	304	eP	50	06.00	18.0X
SOP	25.08	303	eP	49	51.00	0.5
KSP	26.00	310	eP	49	59.00	-0.1
LJU	26.23	298	e(P)	50	01.30	0.1
			e	50	04.00	
PRU	26.86	307	eP	50	10.00	3.0X
NUR	26.97	334	eP	50	11.00	3.1X
	0.6s		11.70nm			4.7mb
Z	19s		0.20um			3.7Msz
			LR	02	10.00	
KBA	27.15	301	e(P)	50	09.50	-0.4
	1.0s		10.60nm			4.4mb
			i	50	13.60	
			e	50	35.00	
KHC	27.30	305	P	50	07.70	-3.4X
			e	50	37.50	
BRG	27.44	309	eP	50	27.50	15.2X
CLL	28.13	310	iPc	50	19.20	0.7
SUF	28.15	338	eP	50	18.00	-0.5
WMO	30.00	66	eP	50	34.70	-0.8
HFS	31.08	326	eP	50	43.90	-0.7
	0.6s		5.20nm			4.5mb
Z	17s		0.20um			3.8MszX
			LR	04	41.00	
SOD	31.78	344	eP	50	55.00	4.2X
			i	51	50.60	
FRF	31.83	293	eP	50	50.60	-0.8
DMN	32.36	98	eP	50	56.80	0.2
NB2	32.59	327	P	50	57.20	-0.7
	1.1s		8.70nm			4.6mb
MTB	33.46	120	eP	51	07.50	1.5
LOP	33.62	300	eP	51	06.00	-1.0
SWF	33.64	299	eP	51	06.30	-0.9
	1.0s		8.80nm			4.6mb
SSF	33.86	300	eP	51	08.20	-0.9
AVF	33.97	299	eP	51	09.40	-0.7
MZF	34.53	299	eP	51	14.70	-0.2
	1.2s		19.20nm			4.9mb
CAF	34.99	296	eP	51	18.30	-0.6
	0.9s		6.50nm			4.6mb
GBA	35.47	126	Pd	51	21.10	-2.0
	1.0s		4.80nm			4.4mb
LFF	35.93	296	eP	51	26.40	-0.4
FLN	36.50	303	eP	51	31.10	-0.5
	0.7s		6.60nm			4.6mb
GRR	36.76	302	eP	51	33.50	-0.3
	0.8s		23.20nm			5.1mb
EKA	38.34	314	P	51	47.00	0.1
	1.9s		176.00nm			5.5mb
BNG	43.17	227	iPc	52	28.00	0.8
	1.3s		36.80nm			5.0mb
CHTO	47.77	99	eP	53	04.00	0.2
DAG	48.06	343	iPd	53	05.90	0.5
	0.6s		4.00nm			4.6mb
GYA	49.87	86	P	53	20.20	0.1
CN2	56.49	58	eP	54	06.00	-2.8
MTD	56.83	199	eP	54	09.00	-2.5
KRI	57.42	201	eP	54	29.00	13.3X
BUL	60.85	201	iPd	54	40.00	0.6
MBC	65.67	357	eP	55	12.00	1.6
FRB	66.97	334	eP	55	19.00	0.1
INK	73.92	1	eP	56	02.00	1.2
COL	76.55	7	eP	56	18.00	2.1
YKA	78.82	352	eP	56	30.40	1.9
YKC	78.82	352	eP	56	30.00	1.5
SES	90.04	347	eP	57	27.00	1.6
NEW	93.06	350	eP	57	41.00	1.7

S.D. = 1.2 on 55 of 65 obs.

APR 03, 1985 01h 50m 29.40± 0.51s
23.020 S ± 6.3km 132.430 E ± 4.9km
DEPTH = 33.0km (normal)
NORTHERN TERRITORY, AUSTRALIA (591)

ASPA	1.50	116	iPc	50	55.50	1.2
			e(S)	51	05.00	
			e	51	16.00	
WRA	3.54	31	iPc	51	26.20	2.8X
WB2	3.55	31	ePn	51	24.70	1.2
			iPg	51	33.00	
			iS	52	03.20	
WBN	6.17	239	iPd	52	06.00	5.4X
	0.3s		32.00nm			5.5mb X
			eS	53	18.20	
ISQ	7.00	72	eP	52	12.00	-0.3
			eS	53	26.00	
KNA	8.02	334	eP	52	26.00	-0.5
MTN	10.19	353	iPc	52	53.50	-3.0X
			eS	54	40.00	
PNA	10.29	152	iPc	52	58.50	0.6
			iS	54	32.70	
CLV	11.22	162	P	53	10.90	0.4
			iS	55	10.00	
MBL	11.83	277	eP	53	18.00	-0.8
	0.2s		8.00nm			5.5mb X
			eS	55	25.00	
STK	12.00	139	eP	53	20.00	-1.0
			eS	55	26.00	
KLG	12.47	229	eP	53	28.00	0.6
			eS	55	41.00	
ADE	13.11	157	iPc	53	36.50	0.7
MEK	13.11	251	eP	53	36.00	0.1
			eS	55	54.00	
CMS	14.59	128	eP	53	53.00	-2.3
KLB	15.57	234	eP	54	07.00	-1.2
			eS	56	51.00	
MRWA	15.99	244	eP	54	14.00	0.4
			eS	57	00.00	
NWAO	16.64	230	eP	54	22.00	0.2
			eS	57	17.00	
MUN	16.92	235	eP	54	26.00	0.8
			eS	57	21.00	
RKG	17.43	227	eP	54	37.00	5.3X
			eS	57	45.00	

S.D. = 1.0 on 16 of 20 obs.

& APR 03, 1985 02h 28m 13.60s
60.984 N 151.131 W
DEPTH = 68.2km
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

NKA	0.25	192	eP	28	25.40	1.0
SPU	0.49	294	iP	28	25.95	-0.5
CGLM	0.53	308	iP	28	26.48	-0.4
CRP	0.57	300	iP	28	27.13	-0.2
			iS	28	37.16	
SLKM	0.65	137	iP	28	27.00	-1.1
RDT	0.75	237	iP	28	28.96	-0.3
			iS	28	40.28	
PMS	0.81	70	iP	28	29.07	-0.8
PWA	0.90	42	iP	28	30.70	-0.3
NNL	0.95	185	eP	28	32.23	0.6
MPA	1.00	119	iP	28	31.46	-0.8
			iS	28	45.66	
PTE	1.04	96	iP	28	31.84	-0.9
			iS	28	46.65	
PLRM	1.14	57	eP	28	33.10	-1.0
ILM	1.16	227	iP	28	34.34	0.0
PME	1.20	57	eP	28	34.04	-0.8
			iS	28	49.95	
SEW	1.21	136	eP	28	33.55	-1.5
BRLK	1.23	174	iP	28	34.83	-0.5
GHO	1.32	52	iP	28	35.76	-0.9
MSE	1.35	50	iP	28	35.97	-1.0
KNK	1.36	70	iP	28	36.11	-1.0
SML	1.58	57	iP	28	38.93	-1.1
PDB	1.94	233	eP	28	44.64	-0.3
			iS	29	08.49	
TTV	1.95	86	iP	28	43.48	-1.7
GLI	1.97	91	iP	28	43.13	-2.3
SCM	2.02	63	eP	28	44.94	-1.2
SVW	2.19	275	iP	28	47.68	-0.8
VZW	2.23	86	eP	28	46.80	-2.2
FID	2.29	94	iP	28	46.57	-3.2
VLZ	2.34	84	eP	28	48.29	-2.2
HIN	2.35	102	eP	28	47.99	-2.7
KLU	2.57	76	iP	28	51.68	-2.1
TOA	2.63	62	eP	28	53.91	-0.7
SGAM	2.95	97	eP	28	55.73	-3.3
KMP	3.00	77	eP	28	57.45	-2.3
TTA	3.02	312	eP	28	59.48	-0.7
KDC	3.32	193	eP	29	02.39	-1.8
FBA	4.22	20	eP	29	16.55	-0.3
BALM	4.28	85	eP	29	14.56	-3.2

37 obs. associated

APR 03, 1985 02h 55m 02.21± 0.24s
6.143 S ± 4.2km 76.824 W ± 5.5km
DEPTH = 115.2km (3 depth phases)
4.9mb (36 obs.)
NORTHERN PERU (111)

NNA	5.81	180	iPc	56	28.00	0.6
	0.6s		23.33nm			4.6mb
			eS	56	43.00	
			eS	57	27.50	
QUT	6.11	345	eP	56	36.20	4.4X
PSO	7.30	356	eP	56	49.00	0.8
BOG	11.04	15	eP	57	39.50	1.1
			eS	59	50.50	
ARE	11.51	153	eP	57	46.00	1.5
ZOBO	13.19	140	e(P)	58	08.20	1.4
LPB	13.40	141	eP	58	05.00	-4.4X
			i	58	17.90	
			(S)	01	26.00	
UPA	15.26	350	ePc	58	33.20	0.4
	1.0s		60.00nm			4.8mb
SDV	16.15	23	eP	58	44.70	0.5
TOV	17.31	24	eP	59	00.10	1.9
CAR	19.25	31	iPc	59	20.00	-0.4
	0.6s		66.67nm			5.2mb
SLA	21.44	151	eP	59	45.80	3.1X
HOJ	23.99	0	eP	00	09.91	2.5
STH	24.07	0	eP	00	10.62	2.5
SJG	26.30	23	iPd	00	28.00	-1.0
TCA	27.56	157	ePd	00	39.80	-0.6
VAO	33.29	123	eP	01	30.70	-0.3
ITR	38.15	96	eP	02	10.50	-1.7
			e	02	13.80	11kmX
			e	02	42.40	
PRM	40.35	353	eP	02	30.00	0.0
LTX	43.71	325	iP	02	59.30	1.6
	0.9s		4.79nm			4.3mb
			pP	03	17.00	71kmX
BHO	43.76	338	iPd	02	58.70	0.8
MOT	44.92	326	iP	03	08.20	0.6
RLO	45.42	339	iPd	03	11.00	-0.1
TUL	45.47	338	iPd	03	11.90	0.4
	1.3s		64.20nm			5.2mb
FVM	45.69	345	eP	03	11.60	-1.6
	0.6s		21.46nm			5.1mb
OCO	45.77	336	iPd	03	14.00	0.1
ALQ	49.50	328	eP	03	43.00	-0.2
	1.0s		21.75nm			5.0mb
OTT	51.31	1	eP	03	56.00	-0.5
MNT	51.49	3	eP	03	57.50	-0.3
GLA	53.11	320	eP	04	10.00	-0.1
RMU	53.53	326	eP	04	14.00	0.7
BAR	54.08	318	eP	04	17.00	-0.3
TPC	54.56	320	eP	04	21.00	0.1
PLM	54.62	319	eP	04	22.00	0.6

```
RSSD  55.73 337 eP     04 29.50   0.2
      0.8s      11.97nm          4.9mb
GSC   55.80 321 eP     04 30.00   0.2
SBB   56.07 319 eP     04 32.00   0.3
CLC   56.63 321 eP     04 35.00  -0.7
BDW   57.05 332 eP     04 37.90  -0.9
      1.0s       6.40nm          4.6mb
                pP     05 30.90 237kmX
CWC   57.32 321 eP     04 41.00   0.3
EUR   58.03 325 iP     04 45.50  -0.2
RSON  58.61 348 iP     04 47.20  -2.0
      0.5s       8.21nm          5.0mb
                pP     05 18.30 130kmX
BMN   59.38 325 iP     04 55.00   0.1
      0.8s       4.71nm          4.6mb
                pP     05 24.30 121km
SCH   61.31   7 eP     05 06.00  -1.6
SES   63.60 336 iPd    05 22.10  -0.8
FFC   64.18 344 iPd    05 25.30  -1.2
      1.1s      18.00nm          4.9mb
NEW   64.68 331 eP     05 29.00  -0.9
PNT   66.60 331 iP     05 42.50   0.3
      0.8s      13.00nm          4.9mb
EDM   66.70 337 iPd    05 41.50  -1.3
      0.8s      36.00nm          5.3mb
FRB   69.98   4 ePd    06 01.10  -1.6
KIC   73.00  81 iP     06 21.10  -0.6
                e      06 48.80 109km
YKC   74.24 343 iPd    06 27.50  -0.5
      0.5s      13.00nm          5.0mb
YKA   74.29 343 eP     06 27.90  -0.4
MAL   79.74  51 iP     07 00.50   1.5
AFC   80.55  51 eP     07 04.10   0.6
TOL   80.87  48 eP     07 05.00   0.0
INK   84.00 342 ePd    07 21.00   0.6
                pP     07 51.00 116km
EPF   84.85  46 eP     07 25.90   0.6
      1.1s      22.90nm          5.0mb
LPF   85.12  41 eP     07 26.70   0.3
      0.8s       4.90nm          4.5mb
CRR   85.33  40 eP     07 27.20  -0.3
      0.8s      10.30nm          4.8mb
MFF   85.35  42 eP     07 27.70   0.0
      0.6s       5.40nm          4.6mb
LFF   85.57  44 eP     07 29.10   0.4
      0.6s      13.30nm          5.1mb
FLN   85.66  40 eP     07 29.10   0.0
LPO   85.82  44 eP     07 30.20   0.2
      0.7s       7.40nm          4.8mb
MBC   85.86 351 iPd    07 30.20   0.6
      0.7s      34.00nm          5.4mb
CAF   86.48  44 eP     07 33.00  -0.3
      0.6s       1.80nm          4.2mb
MZF   87.11  43 eP     07 35.90  -0.4
      0.8s       4.90nm          4.6mb
BGF   87.36  43 eP     07 37.00  -0.5
      1.0s      12.30nm          4.9mb
AVF   87.75  43 eP     07 38.50  -0.8
      0.8s       6.40nm          4.7mb
SSF   87.90  42 eP     07 40.00   0.0
      0.8s       2.60nm          4.3mb
SMF   88.05  43 eP     07 40.10  -0.7
      0.7s       3.70nm          4.5mb
LOR   88.18  42 eP     07 40.60  -0.8
      0.8s       6.70nm          4.7mb
ALE   88.77   2 eP     07 43.50  -0.1
      0.6s       4.00nm          4.7mb
DAG   88.98  11 iPc    07 44.10  -0.5
      0.7s      22.60nm          5.4mb
DOU   89.18  40 Pc     07 46.10   0.0
      1.0s      25.00nm          5.3mb
LRG   89.25  46 eP     07 46.40  -0.1
      0.9s      13.60nm          5.0mb
LMR   89.34  46 eP     07 46.90   0.0
      0.9s       6.50nm          4.7mb
FRF   89.47  46 eP     07 47.50  -0.1
      0.7s      14.30nm          5.2mb
WLF   90.10  40 Pc     07 50.50   0.2
CDF   90.64  42 eP     07 52.50  -0.5
      0.9s       6.50nm          4.8mb
GWF   90.95  41 eP     07 54.40   0.1
WRA  139.85 229 PKP    14 15.00  -4.4X
      0.6s       2.60nm
BTO  145.15 351 ePKP   14 27.00  -1.1
MTN  146.42 236 ePKP   14 32.00   1.2
      0.6s      35.00nm
                e      15 05.00
KNA  146.60 229 ePKP   14 32.00   1.0
GTA  146.74   5 PKP    14 31.00   0.2
TIA  147.45 339 ePKP   14 32.20   0.3
TIY  147.46 346 PKP    14 34.40   2.5X
POO  148.88  64 iPKPd  14 39.00   4.3X
SSE  149.98 328 ePKP   14 29.70  -6.2X
LZH  150.19 359 PKPd   14 42.00   5.6X
      1.0s      61.00nm
PKI  152.81  36 PKP    14 40.30  -0.4
      1.2s       9.00nm
HYB  153.46  63 ePKP   14 40.50  -0.9
GBA  153.60  72 PKPc   14 47.20   5.6X
      0.6s       7.50nm
   S.D. = 0.9  on  85 of  94 abs.
```

APR 03, 1985 03h 57m 34.19± 0.53s
33.142 S ± 5.5km 72.075 W ± 6.6km
DEPTH = 33.0km (normal)
4.9mb (4 abs.)
OFF COAST OF CENTRAL CHILE (134)

```
LNV    0.98 146 iPc    57 52.10   0.5
PEL    1.17  90 iPd    57 53.80  -0.5
JACH   1.33  70 iPc    57 55.00  -1.7
BACH   1.34  99 iPd    57 56.90   0.0
CHCH   1.43 124 iPd    57 59.10   1.0
FCH    1.51  98 iPd    57 59.30  -0.2
MDZ    2.72  85 iP     58 17.90   1.3
RTCB   3.23  60 ePc    58 24.10   0.3
                S      59 06.30
ZON    3.29  62 eP     58 25.00   0.4
RFA    3.41 119 ePc    58 27.30   0.8
                e      58 35.00
                S      59 17.20
RTLL   3.55  60 iPd    58 29.30   0.9
                S      59 18.30
CFA    3.59  66 ePc    58 28.10  -0.8
                S      59 21.00
VCA    5.51  38 ePd    58 54.20  -2.0
                S      00 05.00
TCA    6.59  76 ePc    59 07.70  -3.7X
                S      00 22.30
CYA    7.15  51 iPc    59 14.50  -4.6X
FSA    8.79  38 e(P)   59 44.00   2.1
ANT    9.51   9 eP     00 01.00   9.1X
SLA   10.17  36 e(P)   00 02.00   0.9
YJA   12.38  30 ePd    00 32.80   1.4
CCH   16.58  20 iP     01 28.60   2.5X
ARE   16.62   2 eP     01 30.00   3.4X
LPB   16.92  13 Pc     01 30.40  -0.1
                LR     08 47.00
VAO   24.29  72 eP     02 47.60  -2.2
BOG   37.60 357 eP     04 34.00 -14.0X
ITR   39.40  60 eP     04 57.00  -5.8X
SPA   57.03 180 e(P)   07 20.00   0.8
JCT   68.50 334 eP     08 35.60   0.3
      1.1s      11.39nm          4.9mb
BHO   70.50 340 eP     08 48.00   0.6
KIC   74.84  72 eP     09 12.10  -1.4
BLF   80.92 119 eP     09 46.50  -0.5
      0.6s       9.29nm          5.0mb
VIR   81.98 118 iPd    09 52.50   0.0
SEK   82.40 119 eP     09 54.50  -0.3
      0.7s       6.85nm          4.8mb
SLR   84.32 117 eP     10 04.10  -0.5
      0.9s      15.97nm          5.2mb
EVA   84.48 118 eP     10 05.80   0.4
BUL   87.70 112 eP     10 21.00  -0.3
MTD   91.93 111 eP     10 40.00  -1.1
OUE  145.15  84 ePKP   17 10.20  -0.2
GBA  146.11 118 PKP    17 12.30   0.2
POO  146.23 107 iPKPd  17 12.00  -0.3
PSI  148.56 163 ePKPc  17 09.50  -6.6X
      0.9s      24.20nm
HYB  149.31 113 ePKP   17 21.30   4.1X
      1.0s      30.00nm
IPM  150.86 166 ePKPd  17 25.00   5.4X
   S.D. = 1.0  on  32 of  42 abs.
```

& APR 03, 1985 04h 04m 49.80s
34.380 N 119.040 W
DEPTH = 28.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 4 0 (PAS), 4.0 (BRK). Felt (V) at Santa Paula, Simi Valley and Ventura. Felt (IV) at Camarillo, Thousand Oaks, Oxnard, Santa Barbara, Port Hueneme, Lebec, Ojai, Hawtharne, Chatsworth and Van Nuys. Felt in Las Angeles, Santa Barbara, Kern and Ventura Counties.

```
SYP    0.79 281 iPc    05 04.40  -0 6
MWC    0.83 101 iPc    05 05.00  -0.7
SBB    1.05  73 iPc    05 08.50  -0.2
CIS    1.11 151 iPd    05 08.70  -0 8
BLP    1.14 279 P      05 09.40  -0 5
WKTM   1.49  19 P      05 15.40   0 3
SDW    1.64  81 P      05 17.30   0 [illegible]
PHAM   1.83 323 P      05 19.00  -0 9
CLC    1.86  39 iPd    05 19.80  -0.5
VPEM   1.86  32 P      05 20.30  -0.1
SLBC   2.02 132 eP     05 25.20   2.6
                eS     05 52.00
PRI    2.20 323 iPc    05 24.70  -0.6
                e      05 31.90
TPC    2.49  95 ePd    05 29.20  -0.2
FRI    2.66 348 iPd    05 30.90  -0.8
                e      05 35.80
LLA    2.72 326 eP     05 32.30  -0.2
PRS    2.72 316 iPc    05 30.80  -1.8
CBX    2.86 135 iPc    05 34.90   0.4
                S      06 16.00
SAO    3.08 321 iP     05 35.80  -1.9
ENX    3.19 141 iPd    05 47.50   8.3
                S      06 29.50
SLD    3.22 327 P      05 38.50  -1.2
GCC    3.57 319 eP     05 42.20  -2.5
MHC    3.63 325 e(P)   05 43.70  -2.0
                i      05 53.60
JAS1   3.71 343 eP     05 46.10  -0.5
                i      05 52.20
PCC    4.13 320 ePc    05 50.20  -2.3
BKS    4.34 324 ePd    05 53.60  -2 0
                eS     06 40.70
BRK    4.35 324 eP     05 53.30  -2 4
ORV    5.53 340 e(P)   06 12.00  -0.4
EUR    5.66  25 iP     06 15.20   0.8
BMN    6.21  13 P      06 20.00  -2.1
MIN    6.29 342 eP     06 25.00   1.7
ALQ   10.38  83 eP     07 18.00  -2.1
   31 abs. associated
```

• APR 03, 1985 05h 35m 04.26± 0.86s
13.837 S ±13.2km 171.065 E ± 9.7km
DEPTH = 640.8 ± 11.0 km
4.6mb (8 abs.)
VANUATU ISLANDS REGION (185)

```
PVC    4.70 214 iPc    36 38.90   1.1
KOU    9.31 223 iPc    37 17.00  -0.4
NOU    9.50 207 iPc    37 20.50   1.4
VSG   12.02 291 eP     37 43.00  -0.2
AFI   16.66  92 P      38 27.00  -0.5
                e(S)   42 17.00
RMQ   24.38 235 iPc    39 37.30   0.0
      0.8s     171.00nm          5.7mb X
CTAO  24.52 252 eP     39 38.10  -0.4
      0.6s       7.55nm          4.5mb
TCW   27.42 175 P      40 01.20  -2.3
CMS   29.05 229 iPc    40 17.20  -0.5
      0.7s     100.00nm          5.6mb
                e      40 28.00
BFD   34.44 222 iPd    41 03.60   0 9
WB2   35.60 255 eP     41 11.30  -1 1
                e      42 55.10
                eS     46 02.70
WRA   35.61 255 Pc     41 11.60  -0.8
      0.3s       3.20nm          4.3mb
ASPA  36.43 249 iPc    41 18.90  -0.3
                eS     46 15.00
WBN   43.36 247 iPc    42 14.90   0 5
      0.3s       7.00nm          4.6mb
MAT   58.92 329 eP     44 05.00  -1 1
SBA   64.06 181 eP     44 30.00  -8.7X
PSI   73.35 277 iPd    45 34.50  -0 4
      0.8s      32.90nm          4.9mb
CHTO  78.09 293 eP     46 01.80   1.2
      0.7s       5.88nm          4 2mb
COL   84.43  16 eP     46 30.00  -1 8
BMN   85.46  47 eP     46 38.00   0 6
      1.1s       2.27nm          3 8mb
```

03d 05h

PKI 92.53 298 eP 47 10.70 0.0
DMN 92.80 298 eP 47 12.40 0.5
0.6s 6.00nm 4.9mb
YKA 95.09 27 eP 47 21.40 0.3
YKC 95.14 27 eP 47 21.00 -0.3
SUF 125.25 341 ePKP 52 53.00 -1.8
0.6s 4.40nm
NUR 127.37 340 ePKP 52 59.00 0.2
N82 130.65 347 PKP 53 04.60 -0.5
0.8s 2.30nm
GWF 142.39 342 ePKP 53 24.60 -2.6X
OMP 142.47 322 e(PKP) 53 24.60 -3.0X
CDF 143.00 342 iPKPd 53 26.20 -2.1
0.9s 21.30nm
ITR 143.11 126 ePKP 53 26.50 -2.9X
SLE 143.19 340 ePKPd 53 26.80 -1.8
SAX 143.35 339 ePKP 53 27.60 -1.6
OSS 143.55 338 ePKP 53 28.40 -1.0
HAU 143.64 343 iPKPd 53 28.60 -0.7
0.8s 44.30nm
BSF 143.67 342 iPKPd 53 28.50 -1.0
0.8s 21.10nm
LLS 143.80 339 ePKP 53 28.90 -0.9
VDL 143.96 338 ePKP 53 29.70 -0.4
FLN 144.48 350 iPKPd 53 30.90 0.3
0.6s 16.20nm
LDF 144.59 350 ePKP 53 31.10 0.3
0.6s 8.10nm
MMK 144.87 339 ePKP 53 32.70 1.0
GRR 144.91 351 iPKPd 53 32.40 1.0
0.8s 21.90nm
LOR 145.00 345 ePKP 53 32.50 0.9
0.6s 18.90nm
DIX 145.03 340 ePKP 53 33.60 1.6
GRC 145.17 346 iPKPd 53 33.30 1.5
EMS 145.19 341 ePKP 53 33.80 1.6
LBF 145.23 344 ePKP 53 33.20 1.2
0.7s 4.10nm
SSF 145.28 345 iPKPd 53 33.60 1.5
0.7s 23.10nm
LPF 145.28 351 iPKPd 53 33.60 1.6
0.7s 29.60nm
AVF 145.57 345 ePKP 53 34.00 1.5
0.6s 6.80nm
SMF 145.58 344 ePKP 53 34.10 1.5
0.9s 18.00nm
BGF 145.91 345 iPKPd 53 35.10 2.0X
0.7s 20.10nm
MZF 146.30 346 iPKPd 53 36.60 2.9X
0.8s 8.70nm
TCF 146.32 346 iPKPd 53 36.40 2.6X
0.8s 14.90nm
LSF 146.51 347 ePKP 53 36.60 2.5X
MFF 146.51 349 iPKPd 53 36.80 2.8X
0.7s 22.00nm
RJF 147.41 346 ePKP 53 39.40 3.9X
FRF 147.50 339 ePKP 53 39.30 3.6X
0.6s 8.80nm
CAF 147.63 345 ePKP 53 40.00 4.0X
0.8s 7.40nm
LRG 147.69 339 ePKP 53 39.90 3.9X
LMR 147.74 339 ePKP 53 40.00 3.9X
0.9s 18.00nm
LFF 147.93 347 ePKP 53 40.80 4.4X
0.7s 10.20nm
LPO 148.07 346 ePKP 53 41.30 4.7X
0.9s 22.90nm
EPF 149.83 346 ePKP 53 46.00 6.6X
0.9s 11.40nm
BNG 151.34 254 iPKPd 53 48.90 6.4X
1.2s 31.70nm
S.D. = 1.1 on 47 of 65 obs.

* APR 03, 1985 06h 21m 32.3s± 2.26s
18.712 N ±24.5km 108.438 W ± 8.9km
DEPTH = 10.0km (geophysicist)
4.3mb (7 obs.)
REVILLA GIGEDO ISLANDS REGION (53)

LTX 11.43 21 eP 24 20.00 1.2
1.0s 3.40nm 4.6mb
JCT 14.10 32 eP 24 56.00 1.7
1.5s 34.72nm 4.9mb
GLA 15.39 339 eP 25 10.00 -1.2
BAR 15.75 334 eP 25 16.00 0.1
HKT 16.02 43 eP 25 19.00 -0.3
ALQ 16.26 6 eP 25 20.00 -2.6
1.0s 10.00nm 3.9mb
PLM 16.42 334 eP 25 24.00 -0.6
TPC 16.77 338 eP 25 30.00 1.1
RVR 17.18 334 eP 25 35.00 0.9
MWC 17.67 333 eP 25 40.00 -0.4
SBB 17.97 334 eP 25 44.00 0.0
GSC 18.11 337 eP 25 46.00 0.2
RMU 18.43 354 eP 25 50.00 0.2
CLC 18.86 336 eP 25 55.00 0.0
BHO 19.74 35 eP 26 05.50 0.2
TUL 20.45 31 eP 26 10.20 -2.5
0.8s 20.80nm 4.5mb
RLO 21.03 32 eP 26 19.20 0.5
EUR 21.70 344 iP 26 26.20 0.5
0.8s 8.85nm 4.2mb
JAS1 21.82 334 e(P) 26 26.20 -0.4
BMN 22.93 343 eP 26 38.70 0.9
1.0s 9.25nm 4.3mb
BDW 24.01 358 eP 26 49.00 0.6
1.0s 3.80nm 3.9mb
SES 31.68 357 eP 27 58.00 -0.1
SJG 40.06 84 eP 28 58.00 -11.8X
YKC 43.93 356 eP 29 40.00 -0.7
YKA 43.95 356 eP 29 41.30 0.4
INK 52.02 348 eP 30 43.00 -0.8
LPB 52.93 129 P 31 00.70 8.9X
MBC 57.84 357 eP 31 27.00 1.0
S.D. = 1.1 on 26 of 28 obs.

% APR 03, 1985 07h 38m 28.38± 3.03s
59.867 N ±12.9km 7.330 E ±22.2km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.5 (BER).

ODD 0.34 284 iPg 38 33.50 0.0
iSg 38 39.50
ASK 1.23 301 iPn 38 49.00 -0.3
iSn 39 07.50
KMY 1.25 239 iPn 38 49.50 0.0
iSn 39 06.60
HYA 1.42 337 iPn 38 51.90 -0.3
iSn 39 11.00
SUE 1.74 314 iPnd 38 57.40 0.6
eSn 39 22.10
S.D. = 0.5 on 5 of 5 obs.

APR 03, 1985 08h 18m 06.88± 0.14s
51.883 N ± 3.3km 158.726 E ± 2.5km
DEPTH = 33.0km (normal)
5.5mb (75 obs.) 5.2Msz (11 obs.)
NEAR EAST COAST OF KAMCHATKA (218)
Felt (IV) at Petropavlovsk-Kamchatskiy.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 24C
Centroid Location:
Origin Time 08:18:13.5 0.3
Lat 51.58N 0.03 Lon 159.21E 0.06
Dep 40.0 2.4 Half-duration 2.3
Moment Tensor; Scale 10**24 D-CM
Mrr= 2.30 0.07 Mtt=-0.92 0.07
Mff=-1.37 0.08 Mrt= 0.92 0.10
Mrf= 0.88 0.12 Mtf=-1.47 0.08
Principal Axes:
T Val= 2.61 Plg=76 Azm=324
N 0.33 3 222
P -2.94 14 131
Best Double Couple:Mo=2.8*10**24
NP1:Strike=217 Dip=32 Slip= 84
NP2: 44 59 93

SMY 9.46 79 iPc 20 23.10 -0.7
TSK 20.51 227 eP 22 44.00 -0.6
MDJ 20.62 261 eP 22 44.00 -1.7
DDR 21.11 229 eP 22 51.10 0.3
MAT 21.14 232 iPc 22 51.80 0.7
Z 20s 4.61um 4.9Msz
eS 26 43.00
SRY 21.39 228 eP 22 54.00 0.4
OYM 21.56 228 eP 22 56.00 0.6
SHK 25.50 237 eP 23 33.00 -0.7
SNY 25.82 261 Pd 23 36.30 -0.2
S 27 44.00
TTA 26.18 47 eP 23 40.30 0.5
IMA 27.50 41 eP 23 51.70 -0.2
BRW 27.71 29 eP 23 53.60 0.1
PME 29.46 50 eP 24 09.00 -0.4
0.8s 44.50nm 5.3mb
COL 29.88 43 iP 24 12.80 -0.3
1.0s 85.00nm 5.5mb
FBA 29.88 43 iPc 24 13.00 -0.1
TOA 30.76 49 eP 24 21.30 0.3
BJI 31.42 265 eP 24 29.00 2.1
E 19s 2.30um
eS 30 09.00
TIA 33.24 258 Pd 24 42.10 -0.7
ePPP 26 07.50
eS 29 55.00
PcS 31 10.00
SSE 34.42 248 eP 24 52.50 -0.6
Z 13s 1.90um 5.0MszX
eS 30 18.00
sS 30 26.00
PNL 34.47 52 eP 24 53.20 -0.1
BTO 34.90 271 eP 24 57.00 -0.3
eS 30 21.00
TIY 35.15 265 eP 24 59.50 0.2
INK 35.35 37 iPc 25 01.20 0.6
0.6s 77.00nm 5.8mb
MBC 38.48 22 iPc 25 27.40 0.5
0.7s 25.00nm 5.1mb
WHN 38.83 254 P 25 30.50 0.3
LZH 41.50 270 eP 25 52.00 -0.4
2.0s 85.00nm 5.1mb
GTA 41.91 277 P 25 55.80 0.0
ALE 44.24 7 ePc 26 14.20 0.1
0.9s 51.00nm 5.3mb
YKA 44.62 41 eP 26 18.30 1.0
YKC 44.68 41 ePc 26 18.00 0.2
1.0s 50.00nm 5.3mb
CD2 45.01 264 eP 26 20.80 -0.1
GZH 45.02 248 eP 26 20.00 -0.9
HKC 45.16 246 e(P) 26 23.00 0.9
GYA 46.42 257 P 26 32.00 -0.2
BAG 46.51 235 eP 26 32.00 -1.0
eS 33 17.00
WMQ 46.58 290 Pc 26 33.00 -0.2
PLP 48.95 226 iPc 26 51.70 -0.1
PNT 49.29 59 ePc 26 54.00 -0.2
1.0s 48.00nm 5.5mb
KMI 49.79 260 eP 26 57.00 -1.5
N 18s 2.00um
pP 27 11.00 52kmX
sP 27 22.00
eS 33 26.00
EDM 50.17 51 iPc 27 01.00 0.1
NEW 51.24 58 eP 27 08.00 -1.1
e 27 19.00 38kmX
DAG 51.61 359 iPd 27 10.50 -0.9
1.0s 120.00nm 5.8mb
YKM 51.62 57 iPc 27 12.00 -0.1
RXF 51.92 57 iPc 27 14.00 -0.3
LHD 52.07 58 iPc 27 15.50 0.0
LDM 52.07 57 iP 27 15.00 -0.4
SES 53.03 53 ePc 27 21.80 -0.8
KEV 53.70 341 eP 27 25.00 -2.0
0.8s 17.60nm 5.1mb
i 27 29.00 13kmX
FFC 54.47 45 iPc 27 32.60 -0.4
1.0s 49.00nm 5.5mb
LRM 55.26 58 eP 27 39.70 0.5
SOD 55.75 340 iP 27 40.80 -1.3
JAS1 56.07 70 P 27 45.30 0.5
BMN 56.22 66 P 27 46.80 0.7
1.3s 76.53nm 5.6mb
LOE 56.24 254 eP 27 45.00 -1.2
CHTO 56.83 258 iPc 27 51.00 0.5
0.9s 43.69nm 5.5mb
eS 35 56.00
EUR 57.57 66 iP 27 56.20 0.4
0.3s 22.69nm 5.7mb
PKI 58.72 276 eP 28 02.80 -1.2
0.5s 8.00nm 5.1mb
BDW 58.84 59 P 28 05.00 0.4
0.9s 68.38nm 5.8mb
DMN 58.88 276 eP 28 04.20 -0.8
0.6s 30.00nm 5.6mb
FRB 58.95 22 ePc 28 02.50 -2.2
1.1s 87.00nm 5.8mb
CLC 59.16 70 eP 28 06.00 -0.7
SUF 59.79 337 iP 28 09.60 -0.9
0.5s 8.30nm 5.1mb

SBB		59.81	71	eP	28	10.00	-1.2	MNT		73.05	36	eP	29	34.50	-0.5	CTI		78.42	337	eP	30	05.50	0.0
GSC		59.98	70	eP	28	13.00	0.6	WIT		73.07	343	ePc	29	36.50	1.5	VDL		78.51	339	eP+	30	06.90	0.7
PAS		59.99	72	eP	28	13.00	0.7	JCT		73.17	62	iP	29	36.00	0.0	GRR		78.60	346	iPc	30	07.00	0.7
MWC		60.00	72	eP	28	13.00	0.4			1.0s		41.00nm			5.4mb			1.2s		111.00nm			5.7mb
RVR		60.57	72	eP	28	28.00	11.8X		Z	20s		1.06um			5.1Msz	LOR		78.90	343	iPc	30	08.30	0.2
RSON		60.77	44	P	28	16.60	-0.8					i	29	47.00	36kmX			0.9s		57.90nm			5.6mb
		0.8s		49.30nm			5.7mb	CLL		73.18	338	iPc	29	35.00	-0.7	LPF		78.97	346	iPc	30	09.00	0.6
				pP	28	37.30	81kmX			1.6s		60.00nm			5.3mb			1.1s		49.70nm			5.4mb
RSSD		60.78	55	P	28	18.10	0.2					i	29	44.30	30kmX	GRC		79.02	343	iPc	30	09.40	0.8
		1.1s		116.28nm			5.9mb	SPC		73.28	333	eP	29	37.00	0.5	MMB		79.04	327	iPd	30	09.00	0.1
TPC		61.26	71	eP	28	21.00	-0.1	BRG		73.36	338	iPc	29	36.40	-0.4	SAL		79.10	338	eP	30	09.00	-0.1
PLM		61.32	72	eP	28	21.00	-0.6			1.5s		41.00nm			5.2mb	PRM		79.10	48	eP	30	10.10	0.8
BAR		61.91	72	eP	28	25.00	-0.4					i	29	54.00	65kmX	LBF		79.16	343	iPc	30	09.80	0.3
NUR		62.06	336	iP	28	25.20	-0.8	RSNY		73.53	37	eP	29	36.30	-1.6			0.9s		15.70nm			5.0mb
		0.7s		17.40nm			5.3mb			0.9s		26.05nm			5.2mb	SSF		79.17	343	iPc	30	10.00	0.5
	Z	20s		3.60um			5.5Msz		Z	20s		0.85um			5.0Msz			0.9s		36.60nm			5.4mb
				i	28	57.80	135kmX	JOS		73.82	332	ePc	29	39.10	-0.3	MMK		79.25	340	eP	30	11.30	1.0
				i	31	18.00				1.0s		15.90nm			5.0mb	DIX		79.34	340	eP+	30	12.00	1.2
				LR	58	40.00		WTS		73.82	342	iPc	29	39.80	0.4	SKO		79.44	329	iPc	30	10.80	-0.2
RMU		62.07	65	e(P)	28	24.80	-1.8			0.9s		70.00nm			5.7mb		Z	21s		2.30um			5.5Msz
MYV		62.13	342	iP	28	38.10	11.6X					e	30	07.50	108kmX	EMS		79.45	340	eP	30	11.90	0.6
GLA		62.73	71	eP	28	31.00	0.2	PRU		74.04	337	Pc	29	40.40	-0.3	AVF		79.46	343	iPc	30	11.60	0.6
AKU		62.74	359	eP	28	24.20	-6.1X		Z	17s		2.50um			5.6MszX			0.9s		67.60nm			5.6mb
		1.1s		45.57nm			5.5mb		N	17s		2.00um				SMF		79.51	343	iPc	30	11.70	0.4
GOL		63.25	59	P	28	35.20	0.7		E	16s		0.80um						1.1s		71.70nm			5.6mb
UPP		64.28	339	iP	28	38.10	-2.4	GBA		74.06	272	Pc	29	40.10	-1.2	ORO		79.66	340	eP	30	12.00	-0.3
NB2		64.47	343	P	28	40.80	-1.1			0.8s		49.90nm			5.6mb	TTG		79.70	331	eP	30	12.00	-0.4
		0.7s		37.30nm			5.6mb	MOX		74.11	339	eP	29	40.50	-0.6	BGF		79.77	343	iPc	30	13.50	0.8
LHC		64.50	43	eP	28	41.50	-0.7			1.8s		100.00nm			5.5mb			0.6s		21.60nm			5.3mb
HFS		64.84	342	ePc	28	42.70	-1.5	CFR		74.35	326	eP	29	43.00	0.5	TCF		80.15	344	iPc	30	15.60	0.8
		0.9s		39.80nm			5.5mb	WRA		74.63	204	Pd	29	44.90	0.5			0.9s		37.90nm			5.4mb
	Z	20s		2.14um			5.3Msz			0.7s		11.60nm			5.0mb	MZF		80.15	343	iPc	30	16.10	1.3
				LR	51	18.00		MLR		74.83	328	eP	29	45.00	-0.5	MFF		80.23	345	iPc	30	16.10	0.9
SNG		65.02	248	eP	28	46.50	0.6	ISR		74.94	327	eP	29	47.00	0.9			0.9s		24.20nm			5.2mb
BER		66.06	346	iP	28	51.50	-0.5	ZST		75.04	335	iP	29	47.00	0.5	LSF		80.30	344	iPc	30	16.50	0.9
	Z	26s		819.00um			7.8MszX	SRO		75.07	334	iP	29	47.90	1.3			0.9s		47.60nm			5.5mb
KONO		66.06	343	iP	28	51.80	-0.2	KHC		75.07	337	iPc	29	47.20	0.5	OHR		80.43	329	eP	30	15.60	-0.8
ALO		66.13	64	eP	28	53.00	-0.1			1.0s		39.00nm			5.4mb	RJF		81.22	344	iPc	30	21.60	1.2
		1.0s		25.00nm			5.3mb		Z	16s		1.70um			5.4MszX			1.2s		65.40nm			5.5mb
IPM		66.90	246	ePd	28	59.00	1.1		N	16s		1.60um				AQU		81.44	335	eP	30	23.00	1.3
SCH		67.14	27	eP	28	58.00	-1.0		E	16s		1.00um				CAF		81.49	343	iPc	30	23.40	1.5
KGM		67 72	243	ePc	29	04.50	1.4	GRF		75.10	339	iPc	29	47.40	0.6			0.9s		43.20nm			5.5mb
QUE		67.92	291	eP	29	03.00	-1.5			1.3s		75.00nm			5.5mb	MNS		81.60	335	iPc	30	22.00	-0.4
MUD		69.14	342	iPd	29	12.00	0.7		Z	22s		1.00um			5.1Msz	LFF		81.71	344	iPc	30	24.30	1.4
		0.9s		37.00nm			5.4mb	ENN		75.16	343	iPc	29	47.40	0.3			1.0s		60.70nm			5.6mb
KHI		69.61	299	eP	29	14.60	-0.2			0.9s		108.00nm			5.8mb	BRT		81.74	332	iPc	30	23.00	-0.1
PSI		69.63	247	iPd	29	15.30	0.4	BUD		75.17	333	ePc	29	42.40	-4.8X	DUI		81.80	334	eP	30	25.00	1.6
HYB		70.46	273	ePc	29	18.50	-1.5			0.6s		70.50nm			5.8mb	IIC		81.82	69	eP	30	25.00	0.6
		1.0s		40.00nm			5.4mb	TNS		75.19	341	eP	29	47.50	0.1	LPO		81.88	344	iPc	30	25.30	1.4
OCO		70.53	57	ePc	29	19.50	-0.7	WET		75.23	338	iPc	29	47.90	0.3			0.9s		57.00nm			5.6mb
ELO		71.04	350	ePc	29	22.30	-0.7	MEM		75.30	342	Pc	29	47.80	-0.1	OXM		81.94	69	ePd	30	26.00	1.0
TUL		71.10	56	eP	29	23.40	-0.2	UCC		75.41	344	P	29	50.50	1.9	LCI		82.02	331	eP	30	24.50	-0.1
		1.3s		118.50nm			5.8mb	SOP		75.66	335	ePc	29	49.80	-0.2	LRG		82.07	340	eP	30	25.70	0.8
	Z	20s		1.60um			5.3Msz			0.4s		15.10nm			5.3mb	LMR		82.16	340	eP	30	26.20	0.9
				e	29	35.00	39kmX	HKT		75.73	60	iP	29	51.00	0.3			1.2s		53.50nm			5.5mb
				e	29	47.80		DOU		76.05	343	Pc	29	52.30	0.1	IIP		82.35	69	eP	30	26.00	-1.1
EBH		71.24	350	iPc	29	23.60	-0.5			0.8s		85.00nm			5.8mb	TPM		82.55	69	ePd	30	29.00	1.1
		1.1s		90.00nm			5.7mb	WLF		76.17	342	Pc	29	54.00	1.1	SGO		82.59	333	eP	30	28.00	0.5
TRT		71.24	229	ePc	29	25.00	0.4	SHI		76.37	301	eP	29	54.00	-0.6	WBN		82.65	209	eP	30	29.00	1.0
		0.9s		115.40nm			5.9mb	FUR		76.52	338	eP	29	55.50	0.6	III		82.79	70	eP	30	30.00	0.7
RLO		71.29	55	iPc	29	24.20	-0.6	GWF		76.54	341	iPc	29	54.80	-0.2	MOI		83.10	314	P	30	31.00	0.6
EAB		71.39	350	iPc	29	24.60	-0.4	BHG		76.56	337	eP	29	55.50	0.4	JER		83.13	314	eP	30	29.50	-1.2
		1.0s		54.00nm			5.5mb	KOD		76.63	270	eP	29	55.40	-1.0	NAU		83.20	220	eP	30	32.00	1.2
ESY		71.46	349	ePc	29	25.00	-0.5	KBA		77.04	337	iPc	29	58.60	0.6	EPF		83.63	344	iPc	30	33.80	0.8
EAU		71.63	350	ePc	29	26.20	-0.3			1.2s		181.00nm			6.0mb			1.1s		34.10nm			5.4mb
EBL		71.65	349	ePc	29	26.30	-0.3					i	30	41.50	176kmX	PRNI		84.44	314	eP	30	38.00	0.7
		1.0s		46.00nm			5.5mb	CDF		77.15	341	iPc	29	58.80	0.3	TOL		87.39	347	eP	30	52.00	0.3
LTX		71.89	66	P	29	29.00	0.4			1.0s		41.60nm			5.4mb	MAL		90.54	347	eP	31	06.00	-0.6
		1.1s		54.12nm			5.5mb	PVL		77.17	327	iPd	29	57.00	-1.5	KIC		120.28	341	ePKP	36	56.10	-0.1
	Z	22s		0.70um			4.9Msz	BLA		77.36	45	eP	30	00.00	0.2					e	37	11.90	
EKA		72.10	349	Pc	29	29.00	-0.3			0.9s		39.50nm			5.4mb	MTD		125.71	290	ePKP	37	06.00	-0.7
		1.1s		57.90nm			5.5mb	SLE		77.51	340	eP+	30	00.60	0.2	KRI		126.89	292	ePKP	37	08.00	-1.0
ESK		72.12	349	eP	29	28.60	-0.8	HAU		77.72	341	iPc	30	02.00	0.4	LPB		128.96	64	PKPc	37	11.50	-1.8
FVM		72.14	51	P	29	28.80	-1.0	OGA		77.80	338	iPc	30	02.60	0.4		Z	22s		0.56um			5.2Msz
KOU		72.29	175	iPc	29	30.30	-0.4			1.0s		54.00nm			5.5mb					PP	39	12.00	
OTT		72.37	37	eP	29	31.00	0.0	BSF		77.80	341	iPc	30	02.40	0.3					LR	21	15.00	
CTA		72.49	192	iPc	29	31.80	-0.1			1.0s		34.80nm			5.3mb	BUL		130.08	290	iPKPd	37	15.90	0.9
		1.0s		14.50nm			4.9mb	SAX		77.82	339	eP+	30	02.80	0.4			1.0s		8.50nm			
POO		72.52	278	eP	29	31.50	-0.8	DIM		78.00	326	eP	30	04.00	0.9	SLR		134.55	286	ePKP	37	22.10	-1.3
KRA		72.58	334	eP	29	31.20	-1.0	OSS		78.17	338	eP+	30	04.70	0.5			1.0s		30.00nm			
		1.0s		60.00nm			5.5mb	FLN		78.17	346	iPc	30	04.20	0.2	EVA		134.65	284	ePKP	37	25.00	1.4
	Z	20s		3.10um			5.6Msz			1.1s		48.80nm			5.4mb	BPI		135.03	285	e(PKP)	37	22.00	-2.3X
	N	20s		2.40um				LLS		78.25	339	eP+	30	05.60	0.9	KSR		135.47	287	ePKP	37	24.50	-0.7
				e	29	32.30	4kmX	LDF		78.29	346	eP	30	05.00	0.4	SEK		136.85	284	ePKP	37	27.60	-0.1
				i	29	33.90		VTS		78.31	328	iPc	30	04.00	-0.8			0.7s		13.70nm			
BHO		72.77	56	iPc	29	33.10	-0.4	ASPA		78.31	203	eP	30	06.00	1.0	SPA		141.70	180	e(PKP)	37	29.30	-6.0X
KSP		72.82	336	eP	29	32.20	-1.4					eS	40	04.00		VAO		145.04	44	iPKP	37	42.10	-0.2

03d 08h

		e	37 47.60			
		e	37 53.20			
RDJ	146.48	39	ePKP	37 45.20	0.7	
S.D. = 0.8 on 223 of 229 obs.						

& APR 03, 1985 08h 39m 35.90s
38.795 N 122.770 W
DEPTH = 2.0km (geophysicist)
NORTHERN CALIFORNIA (36)
<BRK>. ML 2.9 (BRK).

NWRM	0.35	195	eP	39 42.90	0.0	
ZSP	0.94	154	iPc	39 54.30	-0.3	
			iS	40 09.20		
BRK	1.00	156	eP	39 55.00	-0.6	
BKS	1.01	155	eP	39 54.90	-0.8	
			iS	40 09.00		
RMT	1.12	4	eP	39 58.50	0.8	
OPV	1.25	52	e(P)	39 57.00	-2.8	
PCC	1.33	167	eP	39 59.20	-2.0	
			e(S)	40 19.40		
MHC	1.70	148	eP	40 06.80	-0.1	
ARN	1.74	146	eP	40 05.50	-1.9	
MIN	1.79	30	eP	40 07.70	-0.5	
			i	40 09.20		
JAS1	2.04	114	iPc	40 10.20	-1.5	
			e(S)	40 35.20		
SAO	2.28	152	eP	40 12.30	-2.9	
WCN	2.40	77	eP	40 16.00	-1.1	
EUR	5.33	80	iP	40 57.50	-1.2	
0.2s 0.56nm 3.9mb X						
14 obs. ossociated						

• APR 03, 1985 09h 15m 50.38± 2.51s
40.082 N ±21.7km 19.861 E ±11.2km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)

OHR	1.25	34	iPn	16 13.50	-0.2	
			iSn	16 33.00		
LCI	1.48	280	ePn	16 17.00	0.0	
			eSn	16 39.00		
ULC	1.94	346	ePn	16 24.00	0.3	
			eSn	16 51.60		
BRT	2.18	292	ePn	16 33.00	5.9X	
			eSn	17 10.00		
SKO	2.23	32	ePn	16 28.20	0.2	
			i	16 31.90		
			iSn	16 57.40		
BDV	2.33	341	ePn	16 30.00	0.6	
			eSn	17 04.00		
TTG	2.39	349	e(Pn)	16 29.50	-0.6	
			eSn	17 03.50		
VAY	2.40	58	iPn	16 32.00	1.6X	
HCY	2.58	337	ePn	16 32.50	-0.3	
			e(Sn)	17 10.00		
SGO	3.51	279	e(Pn)	17 02.00	15.9X	
S.D. = 0.5 on 7 of 10 obs.						

? APR 03, 1985 10h 09m 39.24± 0.99s
18.300 S ±32.4km 177.801 W ±29.2km
DEPTH = 572.2 ± 22.4 km
4.7mb (6 obs.)
FIJI ISLANDS REGION (181)

AFI	7.25	54	P	11 31.00	-0.2	
			S	13 00.00		
CMS	35.34	241	iPd	15 49.20	0.5	
TOC	37.38	231	eP	16 06.00	0.6	
0.9s 13.00nm 4.5mb						
STV	38.96	242	eP	16 19.00	0.7	
WPA	45.13	260	Pd	17 07.10	-0.1	
0.6s 8.80nm 4.5mb						
ASPA	45 25	255	iPd	17 08.40	0 3	
			eS	23 06.00		
MTN	49.37	269	iPc	17 39.30	0.1	
0.7s 12.00nm 4.5mb						
WBN	51.76	251	iPd	17 56.80	0.2	
0.4s 28.00nm 5.0mb						
MBL	58.45	256	iPd	18 42.60	-0.6	
0.3s 26.00nm 5.0mb						
MEK	58.90	250	eP	18 45.00	-1.2	
			eS	20 06.00		
KLB	59.17	244	eP	18 47.00	-0.9	
MUN	60.46	243	iPc	18 56.20	-0.2	
NAU	62.20	254	eP	19 08.00	0.2	
0.5s 27.00nm 4.9mb						
SNG	84.30	279	eP	21 16.00	3.1X	
COL	86.06	12	e(P)	21 21.00	0.7	
S.D. = 0.7 on 14 of 15 obs.						

APR 03, 1985 10h 14m 57.09± 0.29s
19.298 N ± 4.9km 96.046 E ± 4.7km
DEPTH = 33.0km (normol)
4.8mb (22 obs.)
BURMA (296)

CHTO	2.78	99	ePn	15 19.80	-20.5X	
KMI	8.49	46	Pnc	17 05.00	4.0X	
			iPg	17 35.30		
			Sn	41 31.00		
LSA	11.27	338	iPd	17 39.80	0.4	
GYA	12.10	52	P	17 50.40	0.1	
			eS	20 12.00		
PKI	12.77	312	eP	17 57.80	-1.6	
0.6s 15.00nm 5.3mb						
DMN	13.00	312	eP	18 01.80	-0.7	
0.4s 11.00nm 5.3mb						
CD2	13.50	30	eP	18 10.60	1.8	
			eLg	22 19.00		
IPM	15.41	161	ePd	18 34.20	0.3	
GZH	16.57	74	eP	18 47.70	-0.8	
HYB	16.71	266	eP	18 55.00	4.5X	
1.0s 55.00nm 4.6mb						
PSI	16.74	170	ePc	18 52.50	1.7	
LZH	18.08	21	eP	19 09.00	1.4	
2.5s 129.00nm 4.6mb						
GBA	18.72	255	P	19 17.00	1.7	
0.8s 30.70nm 4.6mb						
WHN	19.99	52	P	19 28.00	-1.7	
			Lg	25 51.00		
KOD	20.08	246	eP	19 31.50	0.4	
GTA	20.31	8	P	19 34.20	1.1	
POO	21.01	272	eP	19 41.50	1.1	
TIY	23.26	35	eP	20 02.00	-0.6	
			S	24 10.00		
BTO	24.38	26	eP	20 14.00	0.5	
TIA	25.05	43	Pd	20 18.80	-1.1	
HHC	25.25	28	eP	20 23.00	1.1	
WMQ	25.44	346	P	20 25.00	1.5	
BJI	26.96	36	eP	20 38.00	0.5	
QUE	28.48	298	eP	20 52.00	0.3	
WRA	54.13	134	Pd	24 17.20	-4.2X	
0.8s 5.80nm 4.7mb						
MLR	62.64	312	eP	25 21.00	0.1	
SUF	63.82	331	eP	25 27.00	-1.2	
0.5s 3.30nm 4.7mb						
NUR	64.24	329	iP	25 30.20	-0.7	
0.6s 7.80nm 5.0mb						
SOD	64.44	336	eP	25 20.00	-12.2X	
UPP	67.71	328	iP	25 51.60	-1.5	
MYV	69.24	331	iP	25 51.60	-10.9X	
HFS	69.68	328	eP	26 04.10	-1.1	
0.6s 9.30nm 5.0mb						
BRG	70.34	318	iPd	26 09.70	0.2	
0.9s 16.00nm 5.1mb						
MTD	72.79	245	eP	26 24.00	-0.8	
KRI	74.50	246	eP	26 33.00	-1.8	
CDF	75.02	316	eP	26 36.80	-0.5	
HAU	75.71	316	eP	26 41.00	-0.2	
FRF	76.54	312	eP	26 45.80	-0.1	
LMR	76.69	311	eP	26 46.70	0.0	
BNG	76.76	270	iPc	26 48.60	0.9	
1.0s 15.80nm 5.0mb						
LRG	76.77	312	eP	26 47.20	0.1	
BUL	76.81	243	iP	26 46.80	-1.1	
LBF	77.52	316	eP	26 51.20	-0.1	
0.9s 6.00nm 4.6mb						
LOR	77.53	316	eP	26 51.00	-0.3	
0.9s 6.50nm 4.7mb						
SMF	77.70	315	eP	26 52.00	-0.2	
0.9s 6.50nm 4.7mb						
SSF	77.81	316	eP	26 52.90	0.1	
1.0s 12.00nm 4.9mb						
AVF	77.98	315	eP	26 53.70	0.0	
1.0s 11.70nm 4.9mb						
GRC	78.03	316	iPc	26 54.80	0.8	
MZF	78.65	315	eP	26 57.90	0.4	
1.0s 12.90nm 4.9mb						
TCF	78.88	315	eP	26 59.30	0.6	
0.9s 7.50nm 4.7mb						
LSF	79 34	315	eP	27 01.40	0.2	
0.9s 6.60nm 4.6mb						
CAF	79.36	314	eP	27 01.70	0.3	
0.9s 3.90nm 4.4mb						
EKA	79.44	325	P	27 02.00	0.5	
0.9s 18.90nm 5.1mb						
SLR	79.60	238	eP	27 02.30	-0.8	
RJF	79.62	314	eP	27 03.60	0.8	
LPO	80.03	314	eP	27 05.50	0.6	
KSR	80.77	239	eP	27 08.40	-1.0	
SEK	81.30	236	eP	27 12.50	0.4	
MBC	82.26	8	eP	27 15.00	-1.0	
0.7s 9.00nm 4.9mb						
INK	85.59	16	ePd	27 32.10	-0.9	
YKA	94.95	14	eP	28 17.10	-0.1	
S.D. = 0.9 on 55 of 61 obs.						

? APR 03, 1985 10h 15m 16.41± 2.87s
32.727 S ±11.4km 71.732 W ±27.6km
DEPTH = 33.0km (normol)
NEAR COAST OF CENTRAL CHILE (135)

JACH	0.96	88	iPc	15 32.50	-1.2	
PEL	0.97	116	iPd	15 33.60	-0.2	
			iS	15 46.00		
LNV	1.25	168	iPd	15 37.10	-0.6	
			iS	15 54.50		
MDZ	2.43	94	iP	15 59.00	4.2X	
			iS	16 29.30		
RTCB	2.78	64	ePc	16 01.00	1.4	
			(S)	16 39.00		
ZON	2.85	66	eP	16 04.00	3.4X	
RTLL	3.10	64	ePc	16 04.80	0.6	
			(S)	16 43.00		
CFA	3.17	70	ePd	16 06.50	1.4	
			S	16 58.50		
RFA	3.40	128	ePd	16 10.30	1.8	
VCA	5.00	38	ePd	16 31.70	0.4	
			S	17 34.00		
TCA	6.22	79	ePd	16 46.00	-2.4	
			S	17 58.00		
CYA	6.66	52	e(P)	16 53.50	-1.1	
S.D. = 1.5 on 10 of 12 obs.						

APR 03, 1985 10h 32m 37.01± 0.45s
24.490 N ± 4.6km 120.684 E ± 4.2km
DEPTH = 10.0km (geophysicist)
4.4mb (1 obs.)
TAIWAN (244)

TWQ	0.25	147	iPd	32 41.50	-0.9	
			eS	32 44.50		
TATO	0.88	56	iPc	32 54.30	0.5	
			eS	33 06.70		
TWD	0.93	116	iPd	32 54.00	-0.7	
			eS	33 05.50		
TWZ	1.01	53	iPd	32 56.50	0.3	
			eS	33 00.50		
ANP	1.02	47	ePc	32 57.20	0.8	
0.8s 698.51nm						
			eS	33 11.20		
TWC	1.07	83	ePd	32 56.50	-0.6	
			eS	33 10.50		
TWK	1.23	188	iPc	33 00.00	0.1	
			eS	33 17.10		
TWM1	1.67	188	eP	33 07.50	1.0	
TWG	1.70	168	iPc	33 07.30	0.5	
QZH	1.96	284	Pnd	33 10.60	0.1	
			Pg	33 16.90		
			Sn	33 39.80		
			eSg	33 46.60		
HKC	6.37	251	eP	34 14.00	0.8	
			eS	36 03.50		
SSE	6.60	4	eP	34 13.70	-2.7X	
			Lg	36 03.40		
GZH	6.87	260	eP	34 29.00	8.8X	
NJ2	7.70	348	eP	34 29.00	-2.9X	
			eS	35 50.00		
WHN	8.24	318	eP	34 39.00	-0.5	
QIZ	11.44	244	eP	35 29.90	6.4X	
GYA	12.82	282	P	35 40.80	-1.4	
BJI	15.96	347	eP	36 30.00	6.8X	
GTA	23.05	315	P	37 45.00	1.4X	
WRA	46.12	162	Pd	40 59.40	-4.0X	
0.6s 2.30nm 4.4mb						
S.D. = 0.8 on 13 of 20 obs.						

• APR 03, 1985 11h 42m 21.60± 2.76s
29.488 S ±13.1km 71.968 W ±25.2km
DEPTH = 33.0km (normol)

NEAR COAST OF CENTRAL CHILE (135)

VCA	3.38	78	iPd	43	15.00	1.5
			S	43	51.00	
RTCB	3.38	127	iPc	43	12.80	-0.7
			(S)	43	45.00	
JACH	3.40	160	iPc	43	14.30	0.6
ZON	3.50	127	eP	43	15.00	-0.1
RTLL	3.54	122	iPc	43	14.20	-1.4
			(S)	43	50.50	
MDZ	4.31	143	eP	43	27.80	1.2
			iS	43	51.30	
LNV	4.48	174	iPc	43	28.50	-0.4
CYA	5.51	81	iPc	43	40.00	-3.5X
TCA	6.63	108	iPd	43	53.70	-5.7X
			S	44	59.00	
SLA	7.47	52	eP	44	10.40	-0.7

S.D. = 1.2 on 8 of 10 obs.

• APR 03, 1985 12h 43m 17.94± 1.23s
6.743 S ±11.9km 129.945 E ±22.4km
DEPTH = 144.9 ± 18.0 km
3.8mb (2 obs.)

BANDA SEA (280)

AAI	3.50	330	eP	44	12.70	0.5
MTN	6.18	169	eP	44	49.00	1.0
			eS	45	57.00	
KNA	9.02	187	eP	45	25.00	-1.3
	0.3s	46.00nm			5.6mb X	
			eS	47	01.00	
WRA	13.80	162	Pc	46	28.00	-0.7
	0.3s	1.50nm			3.8mb	
WB2	13.80	162	eP	46	27.20	-1.5
			iS	48	53.70	
ASPA	17.25	168	eP	47	13.00	1.4
			eS	50	16.00	
MBL	17.35	213	eP	47	12.00	-0.8
			eS	50	17.00	
WBN	19.55	189	eP	47	38.00	1.2
			eS	51	12.00	
NAU	20.99	220	eP	47	52.00	0.7
MEK	22.55	207	eP	48	07.00	0.5
CHTO	39.74	310	eP	50	37.00	-1.0
	0.9s	2.13nm			3.9mb	

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

APR 03, 1985 13h 06m 20.26± 0.15s
32.584 S ± 3.3km 71.656 W ± 3.6km
DEPTH = 33.0km (normal)
5.8mb (51 obs.) 6.1Msz (18 obs.)

NEAR COAST OF CENTRAL CHILE (135)

Ms 6.3 (BRK), 6.0 (PAS). Felt (IV) at Santiago, Chile and (III) at Mendoza, Argentina.

FAULT PLANE SOLUTION: P-Waves
NP1:Strike=163 Dip=73 Slip= 90
NP2: 343 17 90
Principal Axes:
T Plg=62 Azm= 73
P 28 253

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.

MOMENT TENSOR SOLUTION
Dep 28 No. of sta: 12
Moment Tensor; Scale 10**25 d-cm
Mrr= 1.30 Mtt= 0.41
Mff=-1.71 Mrt=-0.90
Mrf=-0.72 Mtf=-0.27
Principal axes:
T Val= 1.93 Plg=60 Azm=165
N 0.04 26 20
P -1.97 15 283
Best Double Couple:Mo=2.0*10**25
NP1:Strike=341 Dip=37 Slip= 44
NP2: 213 65 118

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.. 12S, 26C
Centroid Location:
Origin Time 13:06:26.3 0.2
Lat 32.62S 0.02 Lon 71.58W 0.03
Dep 35.5 1.4 Half-duration 3.8
Moment Tensor; Scale 10**25 D-CM
Mrr= 1.10 0.03 Mtt=-0.04 0.03
Mff=-1.06 0.05 Mrt=-0.47 0.05
Mrf=-1.21 0.06 Mtf=-0.41 0.03
Principal Axes:
T Val= 1.68 Plg=66 Azm=112
N 0.10 1 20
P -1.79 24 290
Best Double Couple:Mo=1.7*10**25
NP1:Strike= 18 Dip=21 Slip= 87
NP2: 201 69 91

JACH	0.90	97	iPc	06	37.90	1.2
BACH	1.24	128	iPd	06	43.00	1.5
FCH	1.37	123	iPd	06	44.90	1.4
LNV	1.38	172	iPd	06	42.90	-0.5
CHCH	1.59	148	iPd	06	47.50	1.1
RTCB	2.66	66	iPc	07	06.60	4.8X
ZON	2.73	69	iPc	07	08.60	5.8X
RTLL	2.98	66	iPc	07	10.40	4.0X
CFA	3.06	72	iPc	07	11.20	3.7X
			S	07	57.50	
VCA	4.85	39	ePd	07	35.50	2.5
			S	08	37.90	
TCA	6.13	80	ePd	07	51.00	0.0
FSA	8.13	39	e(P)	08	17.60	-1.3
ANT	8.91	7	eP+	08	20.00	-9.7X
YJA	11.72	29	ePc	09	13.60	5.0X
ARE	16.05	1	eP	10	06.00	0.5
LPB	16.30	12	Pc+	10	09.00	0.2
			S	13	18.00	
			LR	15	00.00	
ZOBO	16.56	12	eP	10	11.70	-0.4
ITB7	17.01	69	e(P)	10	19.80	2.6
ITB1	17.09	67	eP	10	19.50	1.4
ITB	17.15	68	e(P)	10	19.50	0.5
NNA	21.05	346	iPd	11	04.30	0.4
	1.4s	351.16nm			5.6mb	
			eS	15	00.00	
			e	16	41.00	
VAO	23.79	73	iP	11	30.30	-0.6
			e	11	37.90	
			i	11	42.30	
RDJ	26.88	76	iP+	11	59.60	-0.4
			iS	16	46.40	
BAO	27.31	57	iPd	12	02.70	-1.4
AAS	30.78	168	eP	12	33.00	-1.6
Z	23s	21.00um			5.7MszX	
AIA	33.01	174	eP	12	53.60	-0.4
GIE	36.23	327	P	13	23.10	1.0
Z	18s	36.43um			6.2Msz	
N	18s	26.39um				
E	18s	19.93um				
			iS	19	06.00	
BOG	37.07	356	iP	13	32.00	2.4
			iS	19	21.00	
FUQ	37.89	357	eP	13	19.00	-17.5X
ITR	38.82	60	iP	13	42.30	-1.7
UAV	40.96	1	eP	14	03.00	1.2
GUV	40.99	13	iPc	14	01.70	-0.1
	0.8s	38.10nm			5.2mb	
SDV	41.25	2	eP	14	03.80	-0.3
UPA	42.01	348	iPd	14	11.40	1.3
	2.0s	352.94nm			5.7mb	
Z	20s	7.80um			5.6Msz	
TOV	42.17	3	eP	14	11.20	-0.3
CAR	43.08	7	iPd	14	18.00	-1.1
	0.9s	84.03nm			5.5mb	
TRN	44.09	15	eP	14	27.22	0.2
FDF	48.11	14	eP	15	00.99	2.0
SJG	50.68	7	iPc	15	16.60	-2.1
	1.0s	120.00nm			5.8mb	
Z	19s	13.89um			6.0Msz	
COM	52.36	335	eP	15	40.50	8.9X
III	57.24	328	eP	16	07.00	-0.1
SPA	57.59	180	iPc	16	08.10	-1.0
	0.9s	212.73nm			6.2mb	
			e	16	16.60	
			e	16	28.30	
TPM	57.59	329	iP	16	11.00	1.5
IIP	57.85	329	eP	16	14.00	2.5
OXM	58.14	328	iPc	16	14.00	0.4
IIC	58.37	329	eP	16	16.00	0.8
SBA	64.53	192	iPc	16	55.00	-0.6
HBF	65.68	352	P	17	04.30	0.9
HKT	66.28	337	iP	17	12.00	4.7X
PRM	67.07	350	P	17	11.40	-0.9
JSC	67.12	351	P	17	11.70	-0.9
ATX	67.30	336	iP	17	14.00	0.1
			S	26	15.00	
TBI	67.97	256	iP	17	31.80	13.5X
	0.8s	65.00nm				
JCT	68.15	334	iP	17	18.50	-0.8
	1.0s	160.00nm			6.1mb	
Z	20s	2.84um			5.5Msz	
LTX	68.66	330	P	17	22.10	-0.4
	1.0s	58.00nm			5.6mb	
PWLA	68.95	346	P	17	22.80	-1.3
GFM	68.99	351	P	17	23.00	-1.5
BLA	69.91	353	eP	17	29.20	-0.7
	1.6s	300.00nm			6.1mb	
Z	20s	4.05um			5.7Msz	
MOT	69.98	331	eP	17	29.90	-0.8
RUV	70.09	264	iP	17	33.20	1.7
	1.2s	60.00nm			5.5mb	
BHO	70.09	340	iPc	17	30.80	-0.2
VAH	70.28	264	iP	17	34.40	1.8
	1.2s	35.00nm			5.3mb	
TPT	70.39	264	iP	17	35.20	1.9
	1.2s	55.00nm			5.5mb	
TVO	70.40	261	iP	17	34.80	1.4
	1.2s	170.00nm			6.0mb	
CVL	70.49	354	P	17	33.00	-0.3
NA2	70.58	355	P	17	33.60	-0.2
PMO	70.62	264	iP	17	36.40	1.7
	1.2s	30.00nm			5.2mb	
PPN	70.67	261	iP	17	36.50	1.5
	1.2s	80.00nm			5.7mb	
PAE	70.73	261	iP	17	36.70	1.4
	1.2s	125.00nm			5.9mb	
PPT	70.77	261	iP	17	37.00	1.4
	1.2s	145.00nm			5.9mb	
POW	70.78	343	P	17	34.10	-1.1
DMV	70.97	345	P	17	35.50	-0.8
ELC	71.42	345	P	17	37.70	-1.3
TUL	71.79	340	iPc-	17	40.00	-1.3
	1.3s	383.40nm			6.3mb	
Z	19s	5.40um			5.8Msz	
RLO	71.81	340	iPc	17	40.50	-0.9
OCO	71.95	338	eP	17	41.20	-1.0
FVM	72.35	345	P	17	43.90	-0.7
GMTN	73.14	358	eP	17	49.30	0.3
			i	17	49.60	
			i	18	08.60	
KIC	74.33	72	iPc	17	56.20	-0.4
MAW	74.44	164	eP	17	55.00	-1.4
UTO	74.69	351	ePd	17	57.30	-0.8
ALQ	74.70	331	P	17	58.60	0.0
	1.4s	100.96nm			5.6mb	
WVLY	74.96	355	P	17	59.70	0.0
DLA	75.62	352	P	18	03.00	-0.4
ELF	75.93	353	P	18	04.80	-0.3
RSNY	76.81	358	P	18	09.90	-0.1
	1.0s	190.00nm			6.1mb	
Z	20s	5.65um			5.9Msz	
GLA	76.93	324	eP	18	11.00	0.6
EMM	77.05	3	P	18	12.10	0.8
WIN	77.21	109	iPc	18	13.50	0.4
	1.4s	339.53nm			6.2mb	
MIM	77.50	2	eP	18	14.20	0.4
BAR	77.57	322	eP	18	15.00	0.4
OTT	77.70	357	ePc	18	14.30	-0.6
MNT	77.74	359	eP	18	15.50	0.4
SLBC	78.13	322	eP	18	20.00	2.5
DRV	78.15	192	eP	18	16.00	-1.2
PLM	78.19	323	eP	18	18.00	-0.2
TPC	78.38	324	eP	18	20.00	1.0
GLD	78.40	334	eP	18	20.10	0.9
GOL	78.42	334	P	18	19.20	-0.2
Z	18s	0.65um			5.0MszX	
RMU	78.42	329	eP	18	20.00	0.7
GRM	78.94	122	iPc	18	20.20	-2.1
	1.0s	180.00nm			6.0mb	
Z	22s	10.74um			6.1Msz	
RVR	78.96	323	eP	18	23.00	0.8
SDW	79.29	323	P	18	23.60	-0.5
MWC	79.49	322	eP	18	25.00	-0.3
PAS	79.49	322	eP	18	26.00	0.8
Z	20s	4.70um			5.8Msz	
			eSKS	28	32.00	
			eSS	33	36.00	
			eSSS	37	18.00	
			eLg	39	52.00	
			eSKKP	40	34.00	
			eLR	40	36.00	

03d 13h

GSC	79.71	324	eP	18	26.00	-0.3	MID	91.80	111	iPc	19	28.00	1.4				eS	39	06.00				
SBB	79.74	323	eP	18	26.00	-0.4	PNT	92.02	331	iPc	19	26.20	-0.4	KOD	143.88	121	iPKP	25	52.00	-2.8X
CLC	80.51	324	eP	18	30.00	-0.5		0.8s	30.00nm			5.8mb			1.2s	146.88nm					
VPEM	80.72	324	P	18	31.70	0.0	BNG	92.53	86	iPc	19	30.20	0.4				ePP	29	08.00		
SYP	80.73	321	eP	18	32.00	0.2		1.3s	91.90nm			6.0mb		QUE	144.74	83	iPKPc+	25	54.50	-1.2
BLF	80.88	119	eP	18	32.60	-0.3	EDM	92.82	336	ePc	19	28.00	-2.3	POO	146.05	106	iPKPc	25	58.50	0.5
	0.8s	112.50nm			5.9mb		MAL	93.25	48	iP	19	38.00	5.4X	GBA	146.05	117	PKPd	25	58.50	0.5
WKTM	80.92	323	P	18	33.20	0.5				iPP	23	19.00			0.9s	142.90nm				
CWC	81.24	324	eP	18	35.00	0.5				iS	30	44.00		PPI	146.29	166	ePKPc	25	59.00	0.5
DAU	81.34	331	P	18	34.70	-0.4	TOL	95.44	46	eP	19	48.00	5.4X		0.8s	103.80nm				
DUG	81.82	329	P	18	37.50	0.2				ePP	23	39.00		HYB	149.20	112	ePKPc	26	02.50	-0.6
RSSD	81.85	337	eP	18	37.40	-0.2				iS	30	58.00			1.0s	165.00nm				
	1.2s	124.14nm			5.8mb					ePS	32	22.00		KGM	149.23	170	ePKPc	26	06.30	3.1X
LHC	82.16	348	iPc	18	37.80	-0.9	ALI	96.72	49	eP	19	51.50	3.1X	DAV	149.99	216	ePKP	26	08.00	3.7X
	0.6s	126.00nm			6.1mb					iPP	23	53.50		BSI	150.44	153	iPKPc	26	15.50	10.5X
PRI	82.33	322	ePc	18	41.00	1.0	LGR	97.94	44	eP	19	52.50	-1.3		0.8s	125.20nm				
SEK	82.36	119	iPc	18	40.80	0.2	EPF	99.97	45	eP	20	06.50	3.4X	IPM	151.31	165	ePKPd	26	05.30	-1.1
	0.6s	82.00nm			6.0mb			0.8s	4.80nm			5.0mb					i	26	10.90	
FRI	82.49	323	eP	18	40.50	-0.2	YKC	100.77	341	ePdiff	20	05.00	-1.2				i	26	36.90	
EUR	82.64	327	iP	18	42.20	0.4		0.5s	6.00nm			5.4mb		KSH	153.04	66	PKP	26	10.00	1.7
	0.5s	30.85nm			5.6mb		YKA	100.82	341	ePdiff	20	05.90	-0.6				PP	30	01.00	
BDW	82.66	333	P	18	41.30	-0.5	LFF	101.30	44	ePdiff	20	11.50	2.5X	SNG	153.72	162	ePKP	26	12.50	2.8X
	1.0s	60.00nm			5.6mb			0.9s	19.40nm			5.7mb		MAT	155.14	287	ePKP	26	10.00	-1.0
LLA	82.83	322	e(P)	18	43.20	0.7	LPO	101.42	44	ePdiff	20	12.20	2.6X		Z 20s	3.37um				6.2Msz
PRS	82.84	322	e(P)	18	43.60	1.0		1.2s	26.10nm			5.7mb		DMN	159.31	98	ePKP	26	16.70	-0.1
MNA	82.84	325	ePc	18	41.00	-1.7	CAF	102.07	44	ePdiff	20	15.10	2.6X		1.0s	26.00nm				
JAS1	83.57	323	iPc	18	46.80	0.5		1.2s	13.00nm			5.4mb		PKI	159.55	98	ePKP	26	18.80	1.7
GCC	83.70	322	e(P)	18	49.20	2.3	TCF	102.91	43	ePdiff	20	18.60	2.4X		1.1s	34.00nm				
MHC	83.75	322	eP	18	48.50	1.2		1.0s	10.00nm			5.5mb		MDJ	159.57	312	ePKP	26	14.00	-2.2X
BPI	83.83	117	iPc	18	45.20	-3.1X	MZF	103.09	43	ePdiff	20	19.80	2.8X				e	26	55.00	
	1.0s	240.00nm			6.3mb			1.0s	9.20nm			5.5mb					PP	30	38.00	
BMN	83.98	327	eP	18	47.50	-1.0	AVF	103.85	43	ePdiff	20	22.80	2.5X	WMQ	160.33	49	PKPc	26	17.50	0.4
	1.3s	29.59nm			5.3mb			1.2s	16.10nm			5.7mb					PP	30	33.50	
IMW	84.14	333	P	18	49.40	0.0	SMF	104.05	43	ePdiff	20	24.00	2.7X	BAG	160.45	217	ePKP+	26	17.00	-1.1
SLR	84.26	117	iPc+	18	49.50	-0.9		1.1s	18.00nm			5.8mb		NST	161.59	154	ePKP	26	18.50	-0.5
	0.9s	142.86nm			6.1mb		SSF	104.08	43	ePdiff	20	23.50	2.1	CN2	162.54	315	PKPc	26	16.50	-2.7X
Z	22s	8.89um			6.1Msz			1.1s	14.60nm			5.7mb					pPKP	26	27.00	
MNG	84.38	225	P	18	51.00	0.4	LOR	104.40	43	ePdiff	20	25.20	2.4X				e	27	14.00	
EVA	84.43	118	iPc	18	51.00	-0.3		1.2s	8.90nm			5.5mb					PP	31	02.50	
	1.0s	220.00nm			6.3mb		NAI	104.80	101	ePdiff	20	08.00	-17.6X				SS	51	28.00	
BKS	84.46	322	eP	18	52.00	1.3	GRF	109.85	43	ePdiff	20	51.90	4.9X	CHTO	163.90	146	ePKP	26	20.80	-0.5
	0.7s	40.00nm			5.7mb		Z	20s	6.00um			6.2Msz			1.8s	18.49nm				
Z	20s	9.00um			6.2Msz				e	25	19.30			SNY	164.77	312	PKP	26	17.00	-4.4X
N	20s	11.00um					LJU	110.21	48	e(PKP)	25	02.00	11.9X				e	27	07.00	
E	20s	5.00um								e	25	18.00					PP	30	50.00	
		ePcP	19	24.00			INK	110.44	340	ePdiff	20	45.00	-4.1X	LSA	165.00	97	PKPc	26	23.00	0.4
		ePP	22	12.00			INK	110.44	340	ePKP	24	47.00	-2.8X				e	27	18.50	
		eS	29	18.00			CLL	111.59	42	(PKP)	24	52.00	-0.5	ANP	166.31	241	ePKP	26	28.00	4.7X
		eSS	35	24.00			Z	19s	9.00um			6.4Msz		OZH	168.23	232	ePKP	26	25.00	0.5
		eLQ	46	52.00			BRG	111.94	43	ePKP	24	51.10	-2.1X				e	27	28.00	
BRK	84.47	322	e(P)	18	51.10	0.4	Z	20s	5.50um			6.1Msz					PP	31	26.00	
HPI	84.84	331	P	18	53.60	0.7	N	20s	1.00um								SKKS	38	05.00	
RSON	85.33	346	eP	18	54.10	-0.7	E	20s	5.00um					HKC	168.53	208	ePKP	26	25.00	0.2
	0.8s	17.96nm			5.3mb				e	25	23.50					ePP	31	35.00	
ORV	85.36	324	ePc	18	55.80	0.6	FBA	113.48	333	ePKP	24	57.60	1.9	SSE	168.98	266	PKP+	26	22.00	-2.8X
YBT	85.57	50	iP	18	57.00	0.5		0.6s	4.90nm						1.8s	1.50nm				
		i		19	01.00		DAG	113.84	12	ePKP	24	54.00	-2.1X		Z 20s	4.70um				
MSZ	85.96	218	e(P)	18	58.00	-0.3	JOS	114.94	47	ePKP	24	58.10	-0.9		N 20s	2.10um				
MIN	86.01	324	ePc	18	57.80	-0.8	GLO	115.13	51	ePKP	25	00.00	0.5		E 20s	3.20um				
KRP	86.03	227	P	19	02.00	3.2X	HFS	115.45	34	ePKP	24	57.30	-2.3X				PP	31	26.00	
JOZ	86.13	120	iPc	18	58.90	-0.6		0.5s	2.20nm								SKKS	38	08.00	
	1.2s	75.00nm			5.8mb		Z	17s	4.43um			6.1MszX					eS	52	16.00	
LRM	86.34	333	eP	19	00.40	0.1				LR	06	15.00		GZH	169.56	206	PKP	26	24.00	-1.4
WDC	86.65	324	ePc	19	00.80	-0.8	PVL	116.02	54	iPKPd	25	00.00	-1.2				PP	31	26.00	
SCH	87.14	3	ePc	19	02.80	-0.8	IMA	116.20	333	ePKP	25	00.40	-0.7	BJI	170.24	322	ePKP	26	26.00	0.7
	1.5s	430.00nm			6.5mb		CMP	116.68	52	ePKPc	24	48.00	-14.5X				epPKP	26	55.00	
BUL	87.59	112	iPc+	19	06.00	0.0	MLR	117.35	52	ePKPd	25	03.00	-0.9				esPKP	27	04.00	
	0.9s	46.22nm			5.8mb		BRW	118.95	338	ePKP	25	05.30	-0.6	GTA	170.30	43	iPKPc	26	26.50	0.9
Z	21s	21.51um			6.5Msz		NUR	120.77	35	iPKP	25	07.80	-1.9				e	27	42.90	
N	21s	8.60um						0.8s	16.10nm								PP	31	33.50	
E	21s	8.60um						Z 18s	3.80um			6.1Msz					SKKS	38	16.50	
AVE	89.17	49	iP	19	14.50	0.7				ePP	26	36.00		NJ2	171.09	269	PKPc	26	26.00	0.1
		i		20	23.50					eSKS	32	08.00					e	27	45.00	
CLX	89.35	333	iPd	19	14.00	-0.6				e	33	40.00					iPP	31	36.00	
LHD	89.55	332	iPc	19	14.70	-0.7				ePS	36	28.00					SKKS	38	21.00	
LDM	89.62	333	iP	19	15.00	-0.6				eSS	43	32.00		KMI	171.09	145	PKPc+	26	26.00	-0.5
SES	89.67	336	ePc	19	14.60	-1.2				LR	18	10.00					sPKP	26	40.00	
RXF	89.88	333	iPc	19	16.30	-0.6	SUF	121.90	33	iPKP	25	10.50	-1.3	HHC	171.36	344	PKPc	26	26.00	0.0
LSZ	89.94	108	iPd	19	20.00	2.0		0.5s	6.50nm								e	27	50.00	
	1.6s	3058.80nm			7.3mb X		WRA	122.15	209	PKPc	25	11.80	-1.8				PP	31	41.50	
COR	90.03	326	iPd	19	21.00	3.4X		0.8s	4.20nm								PPP	35	50.00	
YKM	90.10	333	iPc	19	17.00	-1.0	SOD	122.77	27	iPKP	25	12.40	-0.9	BTO	171.89	351	PKP	26	26.00	-0.2
NEW	90.18	332	eP	19	17.00	-1.2	TAB	129.92	65	ePKP	25	28.00	-0.2				e	27	48.00	
Z	18s	7.00um			6.1Msz		SHI	132.58	78	ePKP	25	30.00	-3.6X				PP	31	39.00	
KRI	90.22	110	eP	19	20.00	0.7	AAI	139.31	211	ePKPc	25	37.00	-9.4X				ePPP	35	48.00	
FFC	90.79	343	eP	19	19.90	-1.0	MHI	139.88	71	ePKP	25	36.00	-11.0X				SKKS	38	26.00	
	1.7s	157.00nm			6.1mb					e	28	42.00					SS	52	40.00	

TIA	171.89	299	PKP	26	26.40	0.2
			e	27	49.00	
			PP	31	41.00	
			SKKS	38	21.50	
GYA	173.72	166	PKP	26	28.00	0.6
			PP	31	46.00	
TIY	173.88	328	PKPc	26	27.00	0.0
			PP	31	49.00	
WHN	174.49	250	ePKP	26	22.50	-4.8X
			sPKP	26	36.00	
			PP	31	58.00	
LZH	174.89	46	ePKP	26	28.50	1.0
			ePP	28	02.00	
CD2	175.75	112	PKP	26	28.20	0.5
			e	28	06.00	
			PP	31	58.00	
			PPP	36	10.00	
XAN	178.47	342	ePKP	26	27.00	-1.0
			e	28	18.50	
			PP	32	10.00	
			SKKS	38	53.00	

S.D. = 1.0 on 198 of 246 obs.

• APR 03, 1985 14h 08m 37.75± 0.87s
32.561 S ± 8.1km 71.951 W ±10.2km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
NEAR COAST OF CENTRAL CHILE (135)

LNV	1.46	162	iPd	09	01.60	-0.5
			iS	09	19.00	
RTCB	2.88	69	iPd	09	25.70	3.2X
			S	10	02.00	
RTLL	3.20	68	ePd	09	28.40	1.4
			S	10	07.80	
CFA	3.29	74	ePc	09	29.80	1.6
			S	10	16.30	
RFA	3.65	128	ePd	09	34.30	1.0
			S	10	29.10	
VCA	4.99	41	ePd	09	53.10	0.6
			S	11	04.00	
TCA	6.37	81	ePd	10	09.80	-2.1
			S	11	22.00	
CYA	6.71	54	e(P)	10	15.00	-1.6
ANT	8.93	9	eP	10	47.00	-0.4
SLA	9.64	38	e(P)	11	02.20	4.7X
ARE	16.03	2	eP	12	28.00	5.3X
LPB	16.34	13	eP	12	27.00	0.3
BHO	69.99	340	eP	19	48.30	0.4
	0.9s		3.90nm			4.5mb
TUL	71.68	340	ePc	19	58.50	0.4
	0.8s		12.50nm			5.0mb
RLO	71.70	340	eP	19	58.20	-0.1
KIC	74.56	72	eP	20	14.50	-1.0

S.D. = 1.2 on 13 of 16 obs.

% APR 03, 1985 15h 31m 35.18± 2.37s
38.706 N ±18.3km 29.171 E ±16.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.99	335	iPn	31	52.80	-1.2
IZM	1.53	259	iPn	32	02.50	-0.1
GPA	1.81	29	iPn	32	05.70	-0.9
YLV	1.86	5	ePn	32	09.00	1.5
BNT	1.91	330	iPn	32	08.90	0.8
EDC	1.93	329	ePn	32	08.20	-0.1

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

APR 03, 1985 18h 12m 25.90± 0.26s
33.272 S ± 7.9km 179.235 W ± 6.1km
DEPTH = 33.0km (normal)
5.5mb (8 obs.) 5.3Msz (1 obs.)
SOUTH OF KERMADEC ISLANDS (179)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 19C
Centroid Location:
Origin Time 18:12:42.0 0.7
Lat 32.01S 0.07 Lon 179.43W 0.06
Dep 65.0 3.3 Half-duration 2.0
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.77 0.06 Mtt= 1.22 0.13
Mff=-1.98 0.11 Mrt= 0.01 0.07
Mrf= 0.91 0.07 Mtf=-1.07 0.11
Principal Axes:
T Val= 1.64 Plg=21 Azm=202

	N		0.91	64		343
	P		-2.54	15		106

Best Double Couple:Mo=2.1*10**24
NP1:Strike=243 Dip=64 Slip= 176
NP2: 335 86 26

RAO	4.16	16	P	13	23.00	-5.7X
			S	14	06.50	
KRP	6.30	221	P	14	06.00	7.1X
			S	15	21.80	
CRZ	6.83	258	P	14	13.20	6.9X
WEL	9.31	209	eP	14	43.00	2.1
			S	16	25.00	
TCW	9.46	211	P	14	41.70	-1.2
			eS	16	28.00	
MSZ	15.12	217	P	15	58.80	0.2
			S	18	41.70	
NOU	16.70	307	iPc	16	24.50	5.5X
PVC	19.09	321	iPc	16	55.20	6.7X
KOU	19.37	307	iPc	16	53.10	1.4
AFI	20.44	21	P	17	08.00	4.7X
			S	20	22.00	
COO	24.62	268	eP	17	50.00	5.4X
CAN	26.27	257	eP	18	04.60	4.6X
			e	18	33.80	
TAU	27.87	240	iPd	18	17.50	3.1X
RMO	28.49	275	eP	18	24.00	3.7X
TOO	28.96	251	eP	18	28.00	3.6X
CMS	29.48	264	eP	18	31.00	1.9
VSG	30.79	316	eP	18	40.00	-0.8
CTA	33.35	284	iPd	19	05.00	1.8
	0.4s		51.27nm			5.8mb
			eS	24	22.00	
CTAO	33.35	284	eP	19	05.50	2.3
	0.6s		44.13nm			5.5mb
ADE	34.68	255	iPd	19	15.20	0.6
LMG	38.62	301	eP	19	42.50	-5.6X
PMG	39.00	300	iPc	19	52.10	1.0
	1.0s		80.00nm			5.4mb
ASPA	42.00	271	eP	20	17.00	1.2
MDG	42.85	303	eP	20	24.00	1.3
WRA	43.25	276	Pd	20	25.40	-0.6
	0.4s		18.30nm			5.2mb
MOM	44.06	308	eP	20	31.50	-1.1
SBA	45.10	184	eP	20	44.20	4.0X
WBN	47.16	264	iPd	20	57.90	0.7
MTN	49.47	282	iPd	21	14.90	-0.3
	0.4s		15.00nm			5.4mb
KLG	49.75	256	eP	21	17.00	-0.2
NWAO	52.45	252	eP	21	37.00	-0.7
KLB	52.47	254	iPd	21	37.40	-0.4
MUN	53.58	252	iPd	21	45.50	-0.5
MEK	53.64	260	iPd	21	45.30	-1.2
MRWA	54.74	256	iPd	21	54.10	-0.4
	0.6s		15.00nm			5.2mb
MBL	54.84	266	eP	21	54.00	-1.4
SPA	56.90	180	iPc	22	14.80	4.9X
	0.9s		75.45nm			5.7mb
NAU	57.84	263	iPd	22	16.80	0.0
TRT	67.54	276	ePd	23	21.00	-0.4
MAW	69.26	201	eP	23	33.00	1.8
KKM	72.49	290	ePd	23	50.30	-1.3
PSI	84.65	277	eP	24	56.00	-1.8
SYP	87.39	45	eP	25	12.00	0.9
PRS	87.84	43	eP	25	13.20	0.2
GCC	87.97	42	eP	25	14.40	0.8
PCC	88.09	42	eP	25	14.60	0.5
PRI	88.11	44	ePc	25	15.50	1.0
BAR	88.16	48	eP	25	15.00	0.3
MWC	88.34	47	eP	25	15.00	-0.7
MHC	88.39	42	ePc	25	16.60	0.8
PLM	88.49	48	eP	25	17.00	0.6
RVR	88.60	47	eP	25	17.00	0.3
SBB	88.80	46	eP	25	18.00	0.3
FRI	89.25	44	eP	25	20.00	0.3
JAS1	89.49	43	ePc	25	21.20	0.3
TPC	89.50	48	eP	25	22.00	1.0
GLA	89.57	49	eP	25	23.00	1.6
CLC	89.69	46	eP	25	22.00	0.1
GSC	89.83	46	eP	25	23.00	0.4
ORV	90.03	41	ePc	25	23.40	0.1
WDC	90.20	40	ePc	25	24.30	0.2
MNA	91.14	43	eP	25	29.00	0.4
EUR	93.10	44	eP	25	37.50	-0.3
	0.9s		16.07nm			5.5mb
			epP	25	57.00	70kmX
YKA	108.48	26	ePKP	30	54.30	2.4

VIR	114.15	205	iPKPd	31	04.00	0.0
MBC	115.44	13	ePKP	31	03.00	-1.8
BUL	120.60	211	iPKPc	31	16.40	0.0
	0.8s		14.93nm			
MTD	122.18	215	iPKPc	31	20.00	0.6
WIN	122.33	198	ePKP	31	21.00	1.3
	0.9s		19.33nm			
KRI	123.07	213	iPKPc	31	20.00	-1.2
LSZ	125.08	213	iPKPc	31	26.10	1.0
	0.8s		143.20nm			
ALE	126.23	8	ePKP	31	23.50	-2.0
	0.8s		13.00nm			
SCH	129.08	44	ePKP	31	30.00	-1.6
MHI	132.31	291	ePKP	31	38.00	-0.4
DAG	135.50	6	ePKP	31	28.00	-15.1X
SOD	142.68	344	iPKP	31	50.40	-6.0X
MSL	145.27	287	ePKP	31	58.50	-3.3X
AKU	145.61	14	iPKP	32	01.90	0.5
	0.8s		107.46nm			
REY	146.07	18	iPKP	32	03.30	1.1
SUF	146.45	339	iPKP	32	00.80	-2.1
	0.6s		48.50nm			
BNG	146.86	214	iPKPc	32	04.40	-0.7
	0.9s		89.70nm			
			i	32	06.40	
NUR	148.60	337	iPKP	32	05.50	-0.9
	0.8s		74.80nm			
	Z 23s		0.40um			5.1MszX
			i	32	08.80	
MYV	149.09	348	iPKP	32	14.40	7.2X
			i	32	22.60	
UPP	151.17	342	iPKP	32	14.40	4.1X
			i	32	22.60	
NB2	151.40	349	PKP	32	08.80	-1.9
	0.8s		39.10nm			
HFS	151.81	346	ePKP	32	09.60	-1.7
	0.9s		10.60nm			
	Z 20s		0.45um			5.3Msz
KIC	152.74	168	ePKP	32	15.20	1.2
			e	32	25.80	
			e	32	34.00	
KONO	152.97	350	ePKP	32	19.40	6.5X
MLR	157.13	310	ePKP	32	20.00	0.8
KRA	158.05	326	ePKP	32	19.30	-0.6
BRG	159.93	335	ePKP	32	20.20	-1.8
			e	33	01.20	
			eSg	38	53.00	
VAY	160.92	301	ePKP	32	21.50	-1.8
KHC	161.50	333	PKPd	32	23.20	-0.5
OHR	162.25	302	ePKP	32	24.00	-0.7
LJU	163.45	324	e(PKP)	32	24.30	-1.4

S.D. = 1.1 on 75 of 95 obs.

• APR 03, 1985 18h 23m 30.60± 1.38s
43.595 N ±12.4km 11.858 E ± 8.6km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
ML 2.6 (LDG).

SAL	2.23	335	ePn	24	30.00	22 0X
			eSn	24	53.00	
CTI	2.46	357	ePn	24	11.50	0.1
			eSn	24	41.00	
CEY	2.82	40	eP	24	16.10	-0.5
			eSn	24	53.90	
LJU	3.10	37	eP	24	20.80	0.3
			eSn	24	59.30	
VDL	3.35	330	eP+	24	25.20	1.0
ORO	3.43	308	ePn	24	37.80	12.5X
FRF	3.79	271	Pn	24	29.40	-0.9
			Sn	25	13.60	
LMR	3.90	268	Pn	24	33.00	1.1
LRG	4.00	270	Pn	24	33.10	-0.1
			Sn	25	20.20	
SAX	4.06	335	ePd	24	35.00	0.7
BSF	5.53	322	Pn	24	54.80	-0.2
			Sn	25	55.00	
CDF	5.78	328	Pn	24	58.00	-0.5
HAU	5.86	321	Pn	24	58.50	-1.0
			Sn	26	03.00	

S.D. = 0.8 on 11 of 13 obs

APR 03, 1985 19h 42m 11.84± 0.29s
10.266 N ± 4.7km 141.427 E ± 6.2km
DEPTH = 33.0km (normal)
5.0mb (9 obs.)
WEST CAROLINE ISLANDS (209)

03d 19h

GUA	4.71	46	eP	43	22.30	-0.2
			eS	44	11.30	
GUMO	4.71	45	eP	43	22.90	0.4
PJG	4.71	45	eP	43	22.50	0.0
DAV	15.99	260	eP	46	04.00	8.0X
PLP	16.19	275	eP	46	02.00	3.4X
	1.1s	49.90nm				4.6mb
AAI	19.13	224	ePd	46	36.40	1.4
PMG	20.36	164	iPd	46	48.50	0.1
	1.0s	140.00nm				5.3mb
BAG	21.18	299	eP	46	56.00	-1.0
MTN	25.14	704	eP	47	35.00	-0.6
	0.7s	31.00nm				5.0mb
SSE	27.98	321	eP	48	01.20	-0.4
CTA	30.53	171	iPd	48	25.00	0.4
	1.2s	27.34nm				4.9mb
CTAO	30.53	171	eP	48	23.10	-1.5
	1.0s	13.00nm				4.7mb
ASPA	34.52	192	iPd	48	59.40	0.1
MBL	37.76	214	eP	49	25.50	-1.2
TIY	37.76	321	eP	49	27.00	0.3
WBN	38.96	201	eP	49	38.00	1.2
CD2	40.53	306	eP	49	50.50	0.7
BTO	41.03	323	eP	49	54.30	0.5
NAU	41.34	218	eP	49	56.00	-0.4
ADE	45.06	183	iPc	50	27.30	0.8
	0.6s	22.67nm				5.2mb
MPWA	46 29	211	eP	50	36.00	-0.3
GTA	47.00	315	eP	50	42.30	0.3
PVI	55.26	296	eP	51	44.90	-0.1
WMQ	57.07	316	eP	51	57.50	0.1
MHI	77.53	305	eP	54	07.00	0.6
INK	78.71	22	eP	54	11.50	-0.6
MBC	82.29	14	eP	54	31.00	0.0
ALE	86.73	3	eP	54	50.50	-2.8
	0.9s	14.00nm				5.2mb
			pP	55	04.00	45kmX
YKA	87.33	27	eP	54	57.30	0.8
YKC	87.40	27	ePc	54	57.40	0.6
	0.6s	8.00nm				5.2mb
SUF	92.09	335	eP	55	14.00	-4.8X
CLC	92.82	53	eP	55	32.00	9.2X
SBB	92.92	54	eP	55	24.00	0.7
GSC	93.57	53	eP	55	37.00	10.7X
NUR	93.76	334	eP	55	36.00	9.5X
FFC	96.39	31	eP	55	39.00	0.3
	0.8s	4.00nm				5.0mb
LPB	150.63	105	PKPd	02	04.30	6.5X
	S.D. = 0.9	on	30 of	37	obs.	

APR 03, 1985 20h 21m 22.52± 0.54s
28.115 N ± 5.1km 139.538 E ± 4.3km
DEPTH = 465.0 ± 5.9 km
4.8mb (16 obs.)
BONIN ISLANDS REGION (212)

CBI	2.56	113	eP	22	27.00	-1.3
			S	23	31.50	
TKM	7.76	324	eP	23	21.00	4.2X
			iS	25	03.50	
DDR	7.87	358	eP	23	20.40	2.3
MAT	8.48	353	iPc	23	22.10	-2.5
SHK	8.68	319	eP	23	26.90	0.1
UNZ	9.24	302	Pd	23	35.10	2.1
SSE	16.24	285	eP	24	44.20	-2.5
NJ2	18.32	287	iP	25	07.40	0.2
SNY	18.88	321	P	25	13.40	0.8
CN2	19.32	328	Pd	25	18.00	1.1
TIA	20.59	299	Pd	25	29.10	0.0
PLP	21.69	222	iPc	25	40.50	1.0
			eS	26	06.00	
QCP	21.76	236	iP	25	30.00	-10.1X
WHN	22.08	282	P	25	44.00	1.0
BJI	22.64	308	eP	25	47.00	-1.0
GZH	24.13	264	Pc	26	02.50	0.9
HHC	26.20	306	Pd	26	20.10	-0.2
BTO	27.25	305	eP	26	28.50	-0.8
GYA	29.22	275	Pd	26	47.00	0.2
LZH	31.13	294	Pd	27	03.00	-0.3
CD2	31.18	284	iPd	27	04.00	0.3
KMI	32.95	273	Pd	27	19.00	0.1
GTA	34.64	299	iPd	27	33.20	0.4
LOE	36.32	261	ePn	27	46.00	-0.9
LMG	37 74	166	eP	28	06.50	7.9X
CHTO	38.22	265	iPd	28	03.40	0.9
ADK	40.25	42	eP	28	18.80	0.2
LSA	42 14	284	eP	28	35.50	0.8
IPM	43.43	245	iPd	28	45.80	1.3
WMQ	44.07	305	P	28	49.50	0.2
PSI	46.23	244	iPd	29	06.60	0.3
	0.9s	111.70nm				5.3mb
PPI	47.05	240	eP	29	11.50	-1.0
PKI	47.52	283	ePd	29	16.60	0.2
	0.6s	21.00nm				4.8mb
DMN	47.77	283	iPd	29	18.80	0.5
	0.7s	52.00nm				5.1mb
WRA	48.04	187	Pd	29	19.50	-0.4
	1.4s	26.30nm				4.5mb
SDN	50.41	40	eP	29	35.90	-1.4
ASPA	51.77	187	eP	29	47.00	-0.6
MBL	52.56	203	eP	29	53.50	0.1
SVW	53.69	33	eP	30	01.70	0.5
TTA	53.76	31	P	30	01.80	0.1
KDC	55.02	37	P	30	09.40	-1.1
IMA	55.25	27	eP	30	12.30	0.1
BRW	55.26	21	eP	30	12.30	0.3
HYB	56.74	273	ePd	30	22.50	-0.6
PMR	56.84	33	P	30	23.00	-0.2
PME	56.89	33	eP	30	22.90	-0.6
	0.8s	13.70nm				4.4mb
COL	57.57	29	eP	30	28.00	-0.2
			eS	30	41.00	
FBA	57.57	29	iPc	30	28.00	-0.2
	0.9s	16.70nm				4.4mb
MEK	58.03	202	eP	30	31.50	-0.2
GBA	59.24	270	Pd	30	39.90	-0.3
	1.0s	36.90nm				4.8mb
KOD	60.66	266	eP	30	50.00	0.0
MRWA	61.30	203	iPc	30	53.80	0.3
INK	63.09	25	eP	31	04.00	-0.6
NWAO	64.30	201	iPd	31	18.30	5.6X
MBC	65.52	15	eP	31	20.00	0.0
	0.5s	223.00nm				6.0mb X
			pP	33	08.00	522kmX
MHI	66.44	300	iPd	31	27.00	0.6
	1.0s	236.00nm				5.8mb
			i	31	39.00	
			i	34	05.00	
			eS	39	51.00	
KEV	71.24	340	iP	31	54.20	-0.4
	0.5s	21.10nm				5.0mb
YKA	72.35	28	eP	32	01.20	0.0
YKC	72.42	28	ePc	32	01.40	-0.1
	0.5s	158.00nm				5.9mb X
SOD	72.59	338	iP	32	02.00	-0.5
SHI	74.29	295	eP	32	13.00	0.0
SUF	75.26	334	iP	32	17.00	-0.6
	0.6s	19.20nm				4.9mb
PNT	75.78	42	eP	32	21.00	0.3
NUR	77.09	333	iP	32	27.20	-0.4
	0.7s	23.90nm				4.9mb
NEW	77.73	42	eP	32	32.00	0.6
RMT	78.02	51	P	32	35.20	2.1
ORV	78.99	51	P	32	44.20	5.9X
MYV	79.39	338	iP	32	43.60	3.7X
ARN	79.98	53	P	32	45.00	1.5
SES	80.08	38	ePc	32	44.00	0.2
UPP	80.27	334	iP	32	43.60	-0.8
BMN	81.47	49	eP	32	53.10	1.8
	1.0s	3.50nm				3.9mb
HFS	81.55	336	iPd	32	50.30	-0.8
	0.5s	13.60nm				4.8mb
NB2	81.78	337	P	32	51.60	-0.8
	0.5s	14.00nm				4.8mb
FFC	82.10	31	eP	32	54.08	0.0
			pP	34	48.00	521kmX
BDW	85.11	44	eP	33	10.00	0.4
	1.0s	2.20nm				3.8mb X
FRB	85.80	12	eP	33	08.00	-4.1X
			pP	35	07.00	543kmX
BNT	86.92	315	iPc	33	25.30	7.3X
PVL	86.98	318	eP	33	18.00	-0.2
BRG	87.88	329	iP	33	22.20	-0.2
RSON	88.42	31	P	33	25.30	0.4
	1.0s	18.00nm				4.9mb
MMB	88.77	318	iPc	33	26.00	-0.7
KHC	89.27	328	P	33	28.50	-0.4
	1.0s	207.00nm				5.9mb X
Z	14s	3.00um				5.9MszX
N	14s	1.60um				
E	14s	1.50um				
			i	33	41.00	
			S	43	48.00	
VAY	89.62	318	iP	33	30.00	-0.6
			i	33	42.60	
OHR	90.79	319	eP	33	35.60	-0.5
			i	33	47.60	
ALQ	91.60	49	eP	33	41.70	1.6
	0.9s	2.31nm				4.2mb
LGR	101.54	332	ePdiff	34	29.50	4.9X
			ePP	38	58.50	
			i	47	09.00	
TIO	113.29	329	iPKP	39	22.50	14.2X
			i	40	16.00	
SLR	119.42	255	ePKP	39	20.50	0.4
	0.6s	96.67nm				
Z	17s	2.72um				6.0MszX
			i	39	32.60	
BPI	119.78	254	ePKP	39	19.00	-1.9
	0.8s	197.01nm				
			i	39	31.50	
VIR	121.36	253	e(PKP)	39	30.00	6.3X
	0.5s	133.80nm				
			i	39	37.50	
WIN	128.08	262	e(PKP)	39	42.00	5.1X
	2.0s	264.71nm				
			i	39	52.50	
KIC	131.39	309	ePKP	39	41.20	-2.0X
			e	39	56.40	
			e	41	49.60	
			e	42	36.90	
			e	46	05.90	
NNA	142.43	72	ePKP	40	12.10	8.5X
	0.8s	22.39nm				
			e	42	08.00	
	S.D. = 0.9	on	80 of	94	obs.	

APR 03, 1985 20h 21m 36.26± 0.12s
28.230 N ± 2.3km 139.525 E ± 2.8km
DEPTH = 468.7km (27 depth phases)
5.9mb (103 obs.)
BONIN ISLANDS REGION (212)

mb 6.2 (PAS). Felt (II JMA) on Chichi-shima. Felt (I JMA) at Yokohama, Utsunomiya and Aomori, Honshu.

FAULT PLANE SOLUTION: P-Waves
NP1:Strike=332 Dip=82 Slip= -80
NP2: 100 13 -141
Principal Axes:
T Plg=36 Azm= 53
P 52 254
Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a moderate strike-slip component. The preferred fault plane is not determined.

MOMENT TENSOR SOLUTION
Dep 450 No. of sto: 13
Moment Tensor; Scale 10**25 d-cm
Mrr=-2.35 Mtt= 3.05
Mff=-0.70 Mrt= 1.79
Mrf=-4.25 Mtf=-2.53
Principal axes:
T Val= 6.02 Plg=25 Azm= 37
N -0.17 29 142
P -5.86 50 273
Best Double Couple:Mo=5.9*10**25
NP1:Strike= 82 Dip=32 Slip=-154
NP2: 330 76 -60
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 34C M.W.: 11S, 26C
Centroid Location:
Origin Time 20:21:41.2 0.2
Lat 28.40N 0.02 Lon 139.61E 0.02
Dep 455.1 1.0 Half-duration 6.0
Moment Tensor; Scale 10**25 D-CM
Mrr=-2.54 0.05 Mtt= 2.71 0.07
Mff=-0.17 0.08 Mrt= 1.74 0.07
Mrf=-3.40 0.06 Mtf=-1.86 0.07
Principal Axes:
T Val= 5.02 Plg=24 Azm= 36
N -0.04 23 137
P -4.98 55 265
Best Double Couple:Mo=5.0*10**25
NP1:Strike= 87 Dip=29 Slip=-143
NP2: 324 73 -66

HJJ	4.86	3	Pd	23	00.50	-0.5

			iS	24 04.50		HIR	8.61	317	eP	23 42.00	2.2				e	27 32.00							
SHJ	6.12	329	eP	23 16.00	2.6				eS	25 22.00		GUMO	15.40	160	eP	24 53.50	1.6						
			eS	24 34.00		ASJ	8.63	305	iPc	23 43.50	3.3X	PJG	15.39	160	eP	24 53.50	1.6						
OWA	6.48	335	P	23 19.20	2.1				S	25 26.90		GUA	15.46	160	eP	24 54.00	1.5						
			eS	24 38.00		KAN	8.64	344	eP	23 41.00	0.9		0.6s	762.67nm			6.4mb						
HMM	6.64	347	eP	23 19.00	0.3				S	25 21.30					eS	27 39.60							
			S	24 40.50		TOY	8.68	348	eP	23 41.00	0.5	ASA	15.68	8	eP	24 55.00	0.4						
TAT	6.74	2	eP	23 18.00	-1.8				eS	25 21.00					S	27 40.00							
			iS	24 39.40		ONA	8.77	7	Pd	23 39.60	-1.9	RMJ	15.78	6	eP	24 56.00	0.4						
SHZ	6.79	352	eP	23 21.00	0.7				iS	25 17.40					eS	27 40.00							
			S	24 41.30		NZJ	8.84	273	eP	23 44.00	1.7	NEM	15.84	16	Pc	24 56.80	0.6						
MRT	6.80	319	eP	23 23.00	2.6				eS	25 22.00					eS	27 37.00							
			eS	24 47.00		KUM	8.87	303	Pd	23 44.80	2.2	SSE	16.20	285	iPd-	24 58.00	-1.9						
AJI	6.80	357	P	23 20.00	-0.5				S	25 29.00			1.4s	18.90nm			4.5mb X						
			S	24 40.30		TKD	8.91	353	P	23 42.50	-0.6		Z 11s	25.60um									
MIS	6.88	356	eP	23 21.00	-0.3				S	25 21.50			N 10s	6.60um									
			iS	24 42.30		MTS	9.05	324	iPc	23 48.00	3.4X		E 11s	20.40um									
TSU	6.94	339	Pc	23 24.50	2.6				S	25 26.50					pP	25 03.00							
			S	24 50.00		HMD	9.19	318	eP	23 48.00	1.9				iS	27 38.00							
KYS	6.97	4	eP	23 21.90	-0.3				iS	25 34.50					sS	27 47.00							
WKY	7.05	329	eP	23 26.00	3.0X	SHN	9.31	310	Pd	23 48.60	1.2				SS	27 55.00							
			S	24 51.80					iS	25 37.20		ABJ	16.21	12	eP	25 01.00	1.1						
OSK	7.17	334	Pc	23 26.90	2.5	SAG	9.38	304	Pd	23 50.80	2.6				S	27 52.60							
			S	24 53.00					S	25 39.80		ANP	16.38	263	iP-	25 04.00	2.2						
OYM	7.17	358	eP	23 44.00	19.6X	WAJ	9.40	347	eP	23 47.00	-1.4				iS	27 46.00							
ASZ	7.18	310	Pd	23 27.10	2.7				eS	25 29.00		TATO	16.45	263	eP	25 02.60	0.1						
			eS	24 54.00		WAJ	9.40	347	P	23 49.00	0.6	WAK	17.24	5	iPc	25 13.10	2.9						
TKS	7.20	325	eP	23 27.00	2.4				eS	25 29.00					S	28 12.00							
			S	24 54.00		NGS	9.46	301	Pd	23 52.00	2.9	MDJ	18.18	337	Pd	25 20.00	0.7						
NAG	7.25	343	eP	23 27.00	1.8				S	25 39.60					sP	27 16.00							
			eS	24 51.00		FKK	9.49	306	P	23 50.50	1.1				iS	28 21.00							
OSA	7.28	333	Pc	23 28.50	3.0X				S	25 40.70					ScS	36 02.00							
			S	24 57.80		FKS	9.53	5	P	23 49.50	-0.4	NJ2	18.28	287	iPd	25 19.50	-0.9						
SRY	7.36	358	eP	23 24.90	-1.5				S	25 33.30					sP	27 16.00							
KOC	7.39	317	eP	23 28.00	1.3	NII	9.66	358	P	23 51.40	0.2				iS	28 23.00							
			iS	24 59.10					iS	25 39.70					iScP	32 22.20							
IID	7.40	349	Pc	23 27.30	0.5	AIK	9.82	354	Pd	23 52.00	-0.9	DL2	18.29	310	Pd	25 20.00	-0.5						
			S	24 49.80					S	25 37.90					sP	27 17.00							
KOB	7.43	331	P	23 29.60	2.5	YAM	10.02	4	eP	23 54.00	-1.0				S	28 22.00							
			S	24 59.50					iS	25 46.20					ScS	36 00.00							
TOK	7.44	1	eP	23 25.00	-2.2	SEN	10.07	6	eP	23 55.00	-0.5	SNY	18.79	320	P	25 25.00	-0.2						
			S	24 51.40					S	25 44.50					sP	27 25.00							
KOF	7.46	354	Pc	23 26.00	-1.4	FKJ	10.24	298	eP	24 00.00	2.6				S	28 29.00							
			S	24 53.80					S	25 55.70					ScS	35 03.00							
GIF	7.52	343	Pc	23 29.00	0.9	ISN	10.28	8	eP	23 56.00	-1.8	QZH	19.00	265	iPd	25 28.00	0.5						
			iS	24 58.40					iS	25 50.00					iS	28 30.00							
CHO	7.56	8	iPc	23 29.20	0.8	NGO	10.39	264	eP	24 01.00	1.9				ScS	36 06.00							
			S	24 51.30					S	25 55.10		CN2	19.22	328	iPd	25 29.00	-0.4						
HIK	7.56	339	iP	23 31.60	3.2X	IZU	10.59	307	eP	24 04.00	2.8				S	28 40.00							
			S	25 00.00					S	26 02.50					ScP	32 22.00							
HIM	7.77	329	Pd	23 35.50	4.8X	NAH	10.73	262	Pd	24 04.80	2.1				ScS	36 02 00							
			iS	25 06.10					S	26 01.00		PIP	19.95	244	iPc	25 36.50	-0.1						
MVI	7.77	254	iPd	23 32.00	1.3	OFU	10.96	9	eP	24 04.00	-1.1				iS	25 42.00							
			eS	25 04.00					S	26 05.20		TIA	20.52	298	iP	25 41.70	-0.3						
TAJ	7.84	291	eP	23 34.00	2.5	AKI	11.47	2	eP	24 11.00	0.3				sP	27 43.00							
			eS	25 03.00					eS	26 17.00					ScP	32 26.20							
KMG	7.89	359	iPc	23 30.30	-1.8	KMJ	11.47	263	P	24 12.50	1.8				ScS	36 09.90							
			S	24 55.50					iS	26 20.80		8AG	21.07	240	iP-	25 45.80	-1.7						
MYZ	7.92	300	eP	23 36.00	3.7X	MRK	11.52	6	P	24 10.80	-0.4	MAN	21.80	236	ePc	25 54.50	0.5						
			S	25 11.40					S	26 17.20			1.0s	788.00nm			6.2mb						
TSK	7.97	3	eP	23 30.40	-2.5	MIY	11.56	9	P	24 10.70	-1.0	WHN	22.05	282	iPd	25 56.70	0.5						
OKA	8.02	325	eP	23 35.00	1.6				S	26 14.80					iS	29 28.50							
			eS	25 09.00		HAC	12.38	7	P	24 19.50	-0.9				iPcP	29 32.00							
NOB	8.04	305	eP	23 36.00	2.4				S	26 32.50					ScP	32 31.00							
			S	25 09.70		AOM	12.60	4	iPc	24 23.80	1.1				ScS	36 17.00							
MTY	8.05	316	eP	23 37.00	3.3X				eS	26 40.00		8JI	22.56	308	eP	26 00.00	-0.8						
			eS	25 12.00		MYK	13.21	258	eP	24 31.00	1.8				esP	28 05.00							
MAE	8.16	357	eP	23 35.00	0.1				iS	26 55.30					S	29 32.00							
			S	25 05.10		HAK	13.59	4	eP	24 32.00	-1.2				ScS	36 17.50							
MIT	8.16	5	eP	23 34.00	-1.0				eS	26 57.00		HKC	23.65	261	iP	26 12.20	1.3						
			S	25 06.20		SEO	14.06	315	iPc	24 37.10	-1.0				iS	29 53.00							
FUK	8.29	341	Pd	23 38.00	1.7		1.0s	600.00nm			6.1mb	GZH	24.13	264	Pd	26 15.00	-0.1						
			S	25 13.00					e	24 43.90					sP	28 25.00							
UTS	8.29	2	Pc	23 35.10	-1.3				iS	27 19.90					PcP	29 42.80							
			iS	25 08.70		MRR	14.11	4	Pc	24 38.40	-0.1				iS	29 52.00							
TYK	8.30	332	eP	23 35.00	-1.5				e	27 07.00					ScP	32 36.00							
			eS	25 04.00		URA	14.15	10	eP	24 41.00	2.0				PcS	33 22.00							
MAT	8.36	353	eP	23 35.00	-2.2				eS	27 09.00		TIY	24.55	300	iPd	26 18.50	-0.4						
			eS	25 00.00		ISI	14.31	258	eP	24 42.00	1.2				sP	28 32.00							
OIT	8.43	308	iPd	23 42.50	4.6X				S	27 14.70					PcP	29 42.00							
			eS	25 19.00		SUT	14.54	2	eP	24 44.00	1.0				S	30 06.00							
KAG	8.47	295	eP	23 40.00	1.7				eS	27 15.00					ScP	32 34.00							
			eS	25 23.00		SAP	14.87	5	Pc	24 45.20	-1.2	DAV	24.83	215	eP-	26 20.00	-1.5						
NGN	8.48	353	P	23 37.50	-0.9				S	27 22.50					e	27 38.00							
			iS	25 14.50		OBI	14.96	11	eP	24 48.00	0.7	HHC	26.13	306	Pd	26 32.00	-1.1						
TOT	8.56	329	Pd	23 42.80	3.5X				eS	27 28.00					S	30 27.00							
			S	25 21.00		KUS	15.23	14	eP	24 50.00	-0.1	BTO	27.16	305	iPd	26 41.00	-1.2						

03d 20h

		pP	28 02.00			
		sP	28 56.00			
		S	30 45.00			
		ScS	36 35.00			
MOM	31.03 165 eP	27 15.50	-0.4			
LZH	31.07 294 P	27 15.00	-1.3			
	6.0s 8466.00nm		6.4mb X			
	N 10s 6.50um					
	E 11s 12.60um					
	sP	28 35.00				
	PcP	30 00.50				
	iS	31 34.00				
	ScS	36 55.00				
CD2	31.14 284 iPd	27 17.00	0.2			
	sP	29 30.00				
	S	31 47.00				
KKM	31.23 229 ePd	27 18.90	1.2			
	1.0s 153.70nm		5.4mb			
	e	27 39.00	87kmX			
KMI	32.94 273 Pc	27 32.00	-0.3			
	6.0s 13.70nm		3.6mb X			
	pP	28 53.00	444kmX			
	sP	29 49.00				
	S	32 12.50				
	SS	34 51.00				
MDG	33.83 169 eP	27 41.50	2.1			
GTA	34.57 299 iPd	27 45.60	-0.2			
	pP	29 11.00	474km			
	PP	29 18.50				
	sP	30 03.00				
	PcP	30 10.10				
	iS	32 39.00				
	ScP	33 11.00				
SMY	35.38 37 iPc	27 54.10	2.0			
	e	29 22.60	474km			
BKB	36.54 220 iPc	28 08.00	5.9X			
PMG	38.14 168 eP	28 15.50	0.3			
	1.0s 220.00nm		5.6mb			
CHTO	38.22 265 eP	28 15.00	-1.0			
NST	38.44 259 iPd	28 15.70	-2.0			
MKS	38.47 213 ePd	28 19.00	1.1			
	0.7s 1243.80nm		6.5mb			
ADK	40.18 42 iPc	28 31.50	0.0			
	e	30 02.20	491kmX			
KUPT	41.15 204 eP	28 40.50	0.8			
	eS	30 06.50				
MTN	41.63 192 eP	28 42.00	-1.6			
	0.5s 175.00nm		5.8mb			
VSG	42.07 149 eP	28 47.00	-0.1			
LSA	42.11 284 iPd	28 48.60	0.7			
	PcP	30 37.50				
	iS	34 32.00				
	sS	37 07.50				
SNG	42.29 248 iPd-	28 49.00	0.1			
	1.0s 1220.00nm		6.3mb			
	iS	33 41.50				
MNR	42.33 149 eP	28 49.00	-0.1			
KGM	43.28 239 ePd	28 57.80	1.1			
	1.0s 343.50nm		5.8mb			
	e	29 20.80	97kmX			
IPM	43.47 244 iPc	28 58.00	-0.2			
	0.8s 467.90nm		6.0mb			
	e	30 33.70	519kmX			
KLM	43.88 242 ePc	29 02.50	1.0			
	0.7s 66.30nm		5.2mb			
	e	30 40.50	535kmX			
WMO	44.00 305 P	29 02.00	-0.2			
	pP	30 31.00	468km			
	PP	30 57.00				
	ScP	33 47.80				
	iS	34 57.80				
	sS	37 37.00				
	ScS	38 08.00				
TRT	44.17 220 iPc	29 04.30	0.7			
	0.6s 57.40nm		5.2mb			
KNA	44.94 195 eP	29 08.00	-1.6			
	0.5s 143.00nm		5.7mb			
TSI	46.08 245 ePc	29 19.20	0.7			
PSI	46.27 244 ePc	29 19.50	-0.5			
PPI	47.10 239 e(P)	29 27.00	0.7			
	0.7s 343.20nm		5.9mb			
BSI	47.59 250 iPd	29 37.00	6.9X			
WB2	48.15 187 iPd	29 33.10	-1.1			
	e	34 03.20				
CTA	48.47 172 iPd-	29 36.00	-0.6			
	1.1s 287.34nm		5.6mb			
	iS	38 34.00				

CTAO	48.47 172 eP	29 35.90	-0.7			
	0.8s 24.08nm		4.7mb X			
	pP	30 57.00	405kmX			
SDN	50.33 40 eP	29 48.40	-1.7			
ASPA	51.88 187 eP	30 00.00	-1.9			
	iPcP	31 09.00				
	ePP	32 22.00				
	eScP	33 30.00				
	iS	35 45.00				
	iScS	39 04.00				
MBL	52.66 203 iPc	30 07.00	-0.5			
KSH	52.98 300 iPd	30 11.00	1.1			
	PcP	31 13.00				
	S	37 05.00				
	ScS	39 10.00				
PVC	53.52 145 iPc	30 15.20	1.4			
TTA	53.67 31 eP	30 13.50	-1.0			
KDC	54.93 37 iPc	30 22.00	-1.3			
RMO	55.12 170 eP	30 24.00	-1.0			
	1.0s 785.00nm		6.0mb			
IMA	55.15 27 iP	30 24.20	-0.8			
BRW	55.15 21 iPc	30 24.20	-0.5			
WBN	55.47 194 eP	30 27.00	-0.5			
	0.4s 80.00nm		5.4mb			
NAU	55.55 207 eP	30 28.00	0.0			
	0.5s 140.00nm		5.5mb			
OPA	56.48 82 P	30 36.80	2.2			
KIP	56.56 82 P	30 42.00	6.8X			
NOU	56.57 150 iPc	30 35.00	-0.1			
	iS	32 10.00				
HYB	56.72 273 iPd	30 35.20	-1.2			
	0.6s 264.30nm		5.8mb			
BRS	56.75 166 iPd	30 34.60	-1.7			
	i	32 16.00	509kmX			
	i	32 44.00				
	iS	37 48.00				
	i	40 32.00				
PMR	56.75 33 eP	30 34.80	-1.2			
	1.0s 875.00nm		6.1mb			
COL	57.48 29 eP	30 41.00	0.0			
FBA	57.48 29 iPc	30 40.00	-1.0			
	1.0s 680.00nm		6.0mb			
	e	31 01.50	85kmX			
	e	32 14.00				
MEK	58.13 202 eP	30 44.00	-1.8			
MID	58.15 35 eP	30 46.00	0.5			
NDF	58.62 137 eP	30 52.00	2.8X			
GBA	59.23 269 P	31 11.00	17.5X			
	0.5s 20.90nm					
VUN	59.43 136 eP	30 57.00	2.3			
	eS	33 38.00				
COO	59.66 168 eP	30 55.00	-1.1			
	0.9s 191.00nm		5.5mb			
CMS	59.69 174 eP	30 55.00	-1.2			
	0.8s 119.00nm		5.4mb			
STK	59.81 178 eP	30 56.00	-1.0			
	0.7s 170.00nm		5.6mb			
POO	60.43 276 iPc	31 00.00	-1.5			
KOD	60.66 266 eP	31 02.00	-1.4			
	eS	40 09.00				
KLG	61.16 198 eP	31 05.00	-1.0			
MRWA	61.40 203 eP	31 06.00	-1.5			
	0.5s 160.00nm		5.8mb			
QUE	62.34 291 iP-	31 10.30	-3.7X			
	eS	39 04.00				
ADE	62.86 181 iPc	31 16.20	-0.7			
	0.8s 343.28nm		5.9mb			
INK	62.99 25 eP	31 17.00	-0.4			
	0.6s 121.00nm		5.6mb			
	pP	32 38.00	372kmX			
KLB	63.00 201 iPd	31 17.10	-0.8			
	0.7s 346.00nm		6.0mb			
CAN	63.84 171 iPd	31 23.40	0.2			
	i	31 57.40	141kmX			
MUN	63.85 202 eP	31 23.00	-0.3			
SIT	64.22 37 eP	31 36.40	11.0X			
NWAO	64.40 201 iPd	31 25.50	-1.3			
	0.7s 290.00nm		6.0mb			
BFD	65.12 177 eP	31 30.00	-1.2			
	0.7s 90.00nm		5.5mb			
RKG	65.53 200 eP	31 36.00	2.1			
	0.6s 240.00nm		6.0mb			
TOO	65.69 175 eP	31 35.00	0.1			
	eS	39 44.00				
ALE	68.98 3 ePd	31 54.10	-0.4			
	0.7s 73.00nm		5.4mb			
KBS	69.05 351 iPd	31 55.00	0.0			

PHC	70.53 42 iPd	32 05.10	1.0			
	1.0s 360.00nm		5.9mb			
KEV	71.13 340 iP	32 06.80	-0.5			
	0.8s 375.50nm		6.0mb			
	Z 18s 6.50um		5.9Msz			
	epP	33 44.00	447kmX			
	eS	40 40.00				
	eScS	41 24.00				
	esS	43 40.00				
	eSSS	48 48.00				
	LR	07 10.00				
TAU	71.15 174 iPc	32 08.10	0.4			
	e	40 44.00				
	e	43 42.00				
SOD	72.48 338 iP	32 14.70	-0.5			
	iS	41 01.60				
TRO	73.53 342 iPc	32 20.90	-0.3			
PGC	73.70 43 eP	32 23.00	0.5			
	1.0s 300.00nm		5.8mb			
KRP	73.95 151 P	32 24.00	0.1			
	pP	34 02.00	447kmX			
DAG	74.39 355 iPc	32 25.00	-0.9			
	0.6s 80.00nm		5.5mb			
	iS	41 21.00				
SUF	75.15 334 iP	32 29.10	-1.3			
	0.8s 282.80nm		5.9mb			
COR	75.50 47 iPc	32 34.00	1.4			
TAB	75.52 306 iP-	32 33.00	-0.1			
PNT	75.70 42 iP	32 35.00	1.3			
	1.0s 607.00nm		6.1mb			
TCW	76.22 154 P	32 35.20	-1.3			
WEL	76.48 153 P	32 38.70	0.8			
	1.0s 640.00nm		6.2mb			
KER	76.50 302 eP	32 38.00	-0.5			
FHC	76.67 51 ePc	32 41.20	2.0			
	e	34 18.50	439kmX			
	e	34 26.00				
NUR	76.98 333 iP	32 39.70	-0.7			
	0.8s 726.10nm		6.3mb			
	Z 24s 2.60um		5.5MszX			
	ipP	34 27.50	496kmX			
	esP	35 32.00				
	ePPP	37 58.00				
	eS	41 46.00				
	eScS	42 08.00				
	esS	44 40.00				
	eSS	46 36.00				
	eSSS	50 06.00				
	LR	05 00.00				
EDM	77.31 36 iPd	32 42.50	0.0			
	pP	34 21.00	444kmX			
NEW	77.65 42 eP	32 45.00	0.6			
	1.0s 340.00nm		5.9mb			
	e	34 25.00	452kmX			
	e	34 31.00				
WDC	77.75 51 iPc	32 46.30	1.2			
	i	34 26.10	451kmX			
	i	34 32.30				
	eS	42 33.00				
YKM	78.18 41 iPc	32 47.40	0.0			
	iS	34 27.50				
NWRM	78.47 53 P	32 50.60	1.7			
MIN	78.50 50 iPc	32 50.10	0.9			
	e	34 29.70	448kmX			
	e	34 35.60				
RXF	78.52 41 iPc	32 49.70	0.6			
	iS	34 29.70				
MSL	78.53 305 iP	32 48.50	-0.8			
	iS	42 04.50				
LHD	78.57 41 iPc	32 50.40	1.0			
	iS	34 30.10				
LDM	78.61 41 iP	32 50.00	0.5			
	iS	34 36.00				
CLX	78.84 41 iPc	32 51.20	0.3			
	iS	34 32.00				
ORV	78.93 51 ePc	32 50.90	-0.4			
	e	34 30.20	446kmX			
	e	34 37.20				
ZSP	79.14 53 iP	32 54.30	1.9			
	e	34 33.30	444kmX			
	e	34 38.40				
BRK	79.17 53 ePc	32 53.90	1.3			
	e	34 31.90	439kmX			
	e	34 38.80				
	eS	42 15.00				
BKS	79.19 53 eP	32 53.30	0.6			
	0.9s 480.00nm		6.1mb			

	Z	20s		6.00um			5.9Msz					e	34	59.00	453kmX				e	35	09.00	424kmX
	N	20s		2.50um								ePP	36	40.00		MFT	86.99	315	iPd	33	31.10	-0.7
	E	20s		6.00um					PAS	83.86	55	iP	33	18.00	1.3	BRN	87.03	330	eP	33	32.50	0.9
				ePcP	33	00.00				Z	20s	3.70um			5.8Msz	CLO	87.08	321	ePd	33	31.00	-1.1
				eSP	35	16.00						epP	35	00.00	453kmX	SRE	87.11	320	eP	33	33.00	0.8
				ePP	35	58.00						esP	35	44.00		DIM	87.29	317	iP	33	36.00	2.9
				eS	42	13.00						ePP	36	32.00		RSSD	87.51	40	eP	33	35.70	1.3
				eScS	43	12.00						iSKS	42	50.00			1.1s	69.77nm				5.4mb
				ePPS	43	34.00						ePS	44	00.00					pP	35	18.40	452kmX
				eSS	47	36.00						e	45	09.00		ELL	87.57	311	eP	33	33.70	-1.0
				eLQ	52	54.00						esSS	51	04.00		BUD	87.59	324	eP	33	32.80	-1.6
				eLR	56	24.00						eSSS	52	25.00		RMN	87.60	303	P	33	32.00	-2.9X
PCC	79.26	53	eP	32	53.10	0.0						eLg	55	56.00		KDZ	87.67	317	iP	33	34.00	-1.0
			e	34	34.00	454kmX		MWC	83.90	54	eP	33	18.00	0.9	SRO	87.74	325	iPd	33	35.20	0.1
			e	34	38.90							e	35	06.00	485kmX				iS	43	36.00	
MYV	79.28	338	iP	32	55.80	3.1X		CFR	83.96	319	ePd	33	17.00	0.1		BRG	87.78	329	iPd	33	34.20	-1.1
			i	34	40.50	474km		ODD	84.00	338	iPc	33	16.80	-0.1			0.9s	80.00nm				5.5mb
			iS	42	18.50			ASK	84.06	339	ePc	33	17.30	0.2				ipP	35	21.20	474km
GCC	79.74	54	ePc	32	56.50	0.9		BER	84.10	339	ePc	33	17.30	0.0				eS	43	32.00	
			e	34	35.20	442kmX		GSC	84.25	53	eP	33	19.00	0.3				eP'P'	44	24.60	
			e	34	42.40							e	35	06.00	479kmX				isS	46	40.00	
MHC	79.85	53	ePc	32	57.50	1.1		TLB	84.36	318	iPc	33	19.00	0.1		PLD	87.78	317	eP	33	35.00	-0.5
			iPcP	33	04.00	446kmX		VRI	84.39	320	iPc	33	20.00	0.9		CLL	87.90	330	iPd	33	35.00	-0.8
			e	34	37.10			BRD	84.41	319	eP	33	20.00	0.8			1.7s	310.00nm				5.9mb
			i	34	43.20			RVR	84.51	54	eP	33	20.00	0.1				epP	35	22.00	474km
			e	36	05.00							e	35	08.00	484kmX				iS	43	35.00	
UPP	80.16	334	iP	32	55.80	-1.5						ePP	36	41.00					P'P'	59	26.00	
	0.8s	1000.00nm				6.4mb		PSN	84.79	317	iPc	33	22.00	1.0		ZST	88.10	326	iPd	33	37.30	0.5
			i	34	40.50	473km		AKU	84.81	351	eP	33	22.90	2.2				i	35	25.00	477kmX
			iS	42	18.50				1.0s	64.00nm				5.3mb				e	36	39.30	
SAO	80.26	54	iPc	33	00.20	1.9						i	35	10.30	480kmX	PRU	88.12	328	Pd	33	36.20	-0.7
			e	34	40.00	447kmX		ISR	84.92	319	ePc	33	22.50	0.8			2.1s	556.50nm				6.0mb
			e	34	45.90			KMY	85.03	338	eP	33	21.90	0.0			Z 15s	2.70um				5.8MszX
JAS1	80.43	52	ePc	32	59.00	-0.2		BDW	85.03	44	eP	33	22.80	0.2			N 14s	2.20um				
			e	34	38.80	447kmX						pP	35	05.30	455kmX			E 17s	3.50um				
			i	34	46.00			COP	85.04	333	iPc	33	21.20	-0.8				pP	35	24.00	478kmX
			i	36	12.50				0.8s	597.02nm				6.3mb					eS	43	22.00	
			eS	42	19.00			MLR	85.06	320	ePc	33	22.50	0.0					e	46	30.00	
PRS	80.51	54	ePc	33	01.00	1.3		SLBC	85.09	55	eP	33	24.20	1.5		EZN	88.14	315	iP	33	36.60	-0.5
			e	34	39.00	437kmX						e	35	11.70	480kmX	RSON	88.33	31	P	33	37.00	-0.8
			e	34	45.00							e	36	50.00			1.0s	210.00nm				5.9mb
LLA	80.68	54	ePc	33	02.00	1.4		BHL	85.11	306	Pd	33	21.00	-1.9				pP	35	22.00	463km
			e	34	46.00	468km						pP	35	14.00	511kmX	VTS	88.37	319	iPd	33	38.00	-8.2
			e	34	48.00							S	43	02.00		IZM	88.37	313	iPc	33	37.00	-1.4
PRI	81.11	54	ePc	33	07.60	4.7X		BMR	85.12	322	ePd	33	24.00	1.4		VKA	88.44	326	iPd	33	38.40	0.0
			e	34	45.40	435kmX		GPA	85.36	314	iP	33	32.10	8.2X			2.0s	1134.00nm				6.4mb
			i	34	51.20			TPC	85.40	54	eP	33	25.00	0.7			Z 13s	2.70um				5.8MszX
			i	34	57.80							e	35	06.00	446kmX				i	33	58.40	
			e	36	23.00			KRA	85.47	326	iPd	33	23.40	-0.8					epP	35	23.00	461km
			eS	42	36.00				1.0s	211.00nm				5.8mb					i	36	22.50	
FRI	81.38	53	iPc	33	05.40	1.3			Z	16s		6.10um			6.1MszX				iPP	36	54.70	
			e	34	43.20	435kmX			N	16s		3.40um							i	37	35.00	
			e	34	49.10				E	16s		6.10um				PRK	88.51	314	eP	33	37.50	-1.4
			eS	42	37.00							i	33	27.00	11kmX	SOP	88.71	325	iPd	33	39.80	0.1
BMN	81.40	49	eP	33	04.30	-0.1						e	33	32.90			1.6s	325.60nm				5.9mb
	0.8s	120.59nm				5.5mb						iS	46	17.00		MOX	88.99	330	eP	33	40.00	-0.9
			pP	34	46.70	459km		BUC	85.60	319	ePd	33	24.00	-0.9			2.1s	956.00nm				6.3mb
HFS	81.44	336	eP	33	02.60	-1.3		BUC1	85.68	319	iPd	33	28.00	2.7			Z 14s	3.10um				5.9MszX
	0.4s	220.40nm				6.1mb		BAR	85.68	55	eP	33	26.00	0.4			N 15s	3.00um				
	Z	16s		3.30um			5.8MszX					e	35	08.00	451kmX			E 15s	1.80um				
			LR	06	02.00			ISK	85.72	315	iP	33	24.90	-0.7					epP	35	25.00	463km
BUT	81.47	42	eP	33	05.90	1.3		MUD	85.74	335	iPc	33	24.80	-0.6					ePP	37	19.00	
HRY	81.53	41	eP	33	05.20	0.3			1.0s	264.00nm				5.9mb					eS	43	44.00	
LRM	81.64	42	eP	33	05.70	0.1		CGN	85.80	319	ePd	33	25.50	-0.4					esS	46	54.00	
NB2	81.67	337	P	33	03.60	-1.6		YLV	85.80	314	iP	33	25.60	-0.5					eSS	49	48.00	
MNA	81.75	51	iPc	33	07.60	1.4		ADI	85.84	305	P	33	23.00	-3.4X					e	56	55.00	
			iPcP	33	13.70	452kmX		SPC	85.87	325	eP	33	27.10	0.7		SRS	89.04	317	eP	33	40.00	-1.4
			i	34	48.70							i	33	29.10	6kmX	HOF	89.11	329	iPc	33	40.20	-1.3
			i	34	53.40							e	35	12.80			1.0s	254.00nm				6.0mb
			e	36	24.40							i	36	54.60		GOL	89.40	44	eP	33	44.80	1.5
			iS	42	47.50							i(S)	43	22.00			1.3s	102.08nm				5.5mb
RTB	82.13	303	iPc	33	09.00	1.1		CTT	86.07	315	iPd	33	26.70	-0.6					pP	35	29.50	461km
			i	36	28.00			COZ	86.07	320	iPc	33	28.00	0.6		KNT	89.43	318	eP	33	41.50	-1.6
			iS	42	43.00			DMK	86.10	316	iPd	33	26.70	-0.7		WIT	89.45	334	eP	33	43.50	0.6
SXM	82.20	41	eP	33	08.50	0.1		JOS	86.16	324	ePd	33	26.70	-0.9					epP	35	29.00	465km
SYP	82.37	55	eP	33	11.00	1.6		CSS	86.20	308	eP	33	27.50	-0.6					e	35	39.00	
			e	34	51.00	445kmX		JER	86.53	304	eP	33	29.00	-0.8					ePP	37	21.50	
EUR	82.71	49	iP	33	03.50	-7.6X						e(S)	42	54.00					e	45	00.00	
	0.8s	4.72nm				4.2mb X		KSP	86.72	328	iPd	33	29.80	-0.4		GLD	89.46	44	P	33	45.80	2.3
CWC	82.79	53	eP	33	16.00	4.5X			1.0s	284.00nm				6.0mb			1.1s	250.72nm				6.0mb
HYA	83.22	339	iPc	33	13.00	0.1						iPP	35	17.00					pP	35	30.00	458kmX
KONO	83.24	337	eP	33	12.50	-0.5						iS	43	17.50		WET	89.48	328	iPd	33	42.80	-0.4
CLC	83.44	53	eP	33	14.00	-0.6		BCK	86.73	311	eP	33	29.10	-1.5		KMR	89.65	327	iP-	33	44.20	0.2
			e	35	00.00	475km		REY	86.79	352	eP	33	31.30	1.0					i	36	47.60	
CLI	83.68	320	eP	33	16.00	0.4						i	35	16.30	465km	THE	89.72	317	iPd	33	42.40	-2.0
SUE	83.75	340	ePc	33	15.90	0.4		DST	86.81	314	iP	33	29.70	-1.3					iS	43	53.20	
SBB	83.84	54	eP	33	17.00	0.4		GLA	86.82	54	eP	33	32.00	0.9		SKO	89.79	319	iPd	33	44.70	0.0

03d 20h

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      Z  19s      3.90um          5.9Msz
                   iS     43 56.00
GRF     89.85 329 ePKPc 33 44.40  -0.5
        1.0s   314.00nm          6.2mb
      Z  21s      1.30um          5.3Msz
                   ePP    35 31.60
                   eSKS   43 33.10
                   e      43 52.10
WTS     90.02 333 ePd    33 44.80  -0.8
        0.9s   230.00nm          6.1mb
                   e      33 54.50
                   epP    35 33.00 478kmX
                   e      35 38.50
                   ePP    37 24.00
                   e      45 05.50
ELO     90.05 341 iPc    33 45.40  -0.3
        0.9s   158.00nm          5.9mb
                   e      35 32.20 471km
EBH     90.18 340 iPc    33 46.10  -0.2
        0.9s   111.00nm          5.8mb
                   e      35 33.10 472km
ESY     90.19 340 iPc    33 46.20  -0.1
        0.9s   189.00nm          6.0mb
                   e      35 33.20 472km
EDI     90.36 340 ePc    33 46.50  -0.6
        0.9s    57.00nm          5.5mb
ARO     90.41 283 iPd    33 51.00   2.9X
EBL     90.44 340 iPc    33 47.50   0.0
        1.0s   190.00nm          6.0mb
                   e      35 34.50 472km
EAB     90.47 341 iPc    33 47.60   0.0
                   e      35 34.40 471km
BHG     90.49 327 iPd    33 47.70  -0.2
        1.0s   434.00nm          6.3mb
EAU     90.51 340 iPc    33 47.70  -0.1
                   e      35 34.70 472km
KZN     90.63 317 eP     33 47.00  -1.8
BNS     90.65 332 eP     33 47.40  -1.1
        1.0s   200.00nm          6.0mb
TNS     90.68 331 eP     33 47.70  -1.0
KBA     90.72 327 iPd    33 47.60  -1.6
        1.0s   136.00nm          5.8mb
                   i      33 51.50
                   i(pP)  35 37.50 487kmX
                   i      36 34.40
                   iPP    37 21.20
                   i      37 28.00
                   i      37 36.00
                   eS     43 30.00
                   i      45 15.80
TTG     90.74 320 eP     33 50.50   1.4
                   e(S)   44 01.50
EKA     90.85 340 Pd     33 48.70  -0.7
        1.0s   131.80nm          5.8mb
LJU     90.85 325 eP     33 48.40  -1.2
                   epP    35 44.50 520kmX
                   eS     43 34.30
                   e      44 03.00
ATH     90.83 315 iPd    33 47.50  -2.3
                   eS     44 00.00
ESK     90.88 340 eP     33 49.00  -0.5
        1.0s   240.00nm          6.1mb
                   e      35 38.50 485kmX
                   e      37 32.00
FUR     90.93 328 eP     33 49.20  -0.7
        0.8s   319.00nm          6.5mb
NRS     91.28 312 eP     33 51.00  -0.7
ENN     91.31 333 ePd    33 50.50  -1.1
        1.0s   266.00nm          6.2mb
                   epP    35 39.50 482kmX
                   e      45 20.50
MEM     91.40 332 Pc     33 51.20  -0.8
                   PP     37 37.00
                   SP     45 19.20
STU     91.43 330 iPd    33 51.30  -0.9
        1.0s   360.00nm          6.3mb
      Z  20s      2.84um          5.7Msz
TRI     91.47 325 iPd    33 50.80  -1.6
                   ipP    35 47.30 522kmX
                   iPP    37 38.00
                   iPPP   39 54.00
                   iS     44 06.00
                   iSP    45 24.00
                   i      46 54.00
                   isS    47 24.00
                   isSP   48 20.00
                   iSS    50 30.00
                   iSSS   53 28.00
                   iSSS   54 20.00
                   isSSS  56 38.00
ALQ     91.53  49 eP     33 53.70   0.5
        0.9s   156.51nm          6.0mb
                   pP     35 37.90 457kmX
UCC     91.92 333 Pc     33 54.00  -0.3
                   e      35 49.50 516kmX
BUH     91.93 330 eP     33 53.40  -1.1
GWF     91.97 331 iPd    33 53.60  -1.1
OGA     91.98 327 iPd    33 53.40  -1.6
WLF     92.07 332 Pd     33 54.60  -0.4
                   pP     35 43.60 481kmX
                   e      35 50.60
                   S      44 19.00
                   SP     45 14.00
LHC     92.08  30 eP     33 55.00  -0.2
        0.9s   141.00nm          6.0mb
                   pP     34 29.50 133kmX
CTI     92.27 327 eP     33 54.00  -2.3
        0.7s    53.00nm          5.7mb
DOU     92.37 333 P      33 54.60  -1.9
        0.9s   142.50nm          6.0mb
                   e      35 53.00 531kmX
                   PP     37 43.50
                   SKS    43 47.50
                   S      44 14.00
SAX     92.49 329 ePd    33 56.50  -0.9
SLE     92.49 329 eP+    33 56.30  -0.8
OSS     92.53 328 eP+    33 57.00  -0.5
CDF     92.54 338 iPd    33 56.60  -0.8
VLS     92.68 316 eP     33 56.50  -1.7
ZUL     92.75 329 eP+    33 57.60  -0.7
LCI     92.85 319 eP     33 58.00  -0.8
BRT     92.92 320 iPc    33 58.80  -0.3
LLS     92.93 329 eP+    33 58.80  -0.6
VDL     92.99 328 eP+    33 59.30  -0.4
SAL     93.13 327 eP     33 59.50  -0.5
BSF     93.20 330 iPd    33 59.50  -1.0
HAU     93.26 331 iPd    33 59.70  -0.9
        0.8s    87.00nm          5.9mb
ORI     93.90 320 eP     34 04.00   0.3
DUI     93.91 322 iPc    34 05.50   1.8
AQU     94.00 323 eP     34 04.20   0.0
        0.9s     0.16nm          3.1mb X
MMK     94.01 329 eP+    34 04.00  -0.5
ETA     94.04 340 eP     34 03.80  -0.3
        1.1s   155.00nm          6.0mb
DIX     94.25 329 eP+    34 05.10  -0.5
SCH     94.25  15 eP     34 05.00  -0.1
ORO     94.33 328 eP     34 03.20  -2.5
        0.9s    49.00nm          5.6mb
ECB     94.50 340 eP     34 06.30   0.1
        1.1s   130.00nm          6.0mb
ECP     94.54 340 eP     34 04.40  -2.0
        1.0s   165.00nm          6.1mb
LOR     94.89 331 iPd    34 06.90  -1.2
        0.8s    62.90nm          5.8mb
                   pP     35 53.20 467km
LBF     95.06 331 eP     34 07.70  -1.2
GRC     95.20 332 iPd    34 09.00  -0.5
                   i      35 53.70 458kmX
                   i      38 07.60
SSF     95.20 332 iPd    34 08.70  -0.8
SMF     95.39 331 iPd    34 10.20  -0.2
FLN     95.42 335 iPd    34 10.20  -0.3
        0.8s    40.20nm          5.6mb
LDF     95.43 334 eP     34 09.50  -1.0
        1.0s    92.00nm          5.9mb
AVF     95.48 331 iPd    34 10.50  -0.2
GRR     95.87 335 iPd    34 11.80  -0.7
        0.8s    59.40nm          5.9mb
BGF     95.88 332 eP     34 11.60  -1.0
LPF     96.24 335 eP     34 13.50  -0.6
        0.9s    81.80nm          6.0mb
                   pP     35 59.10 463km
MZF     96.26 332 eP     34 13.90  -0.4
TCF     96.36 332 eP     34 13.90  -0.9
        1.0s    40.70nm          5.6mb
                   pP     36 00.70 469km
FRF     96.51 328 eP     34 13.80  -1.6
        1.0s    49.50nm          5.7mb
LSF     96.67 332 eP     34 15.10  -1.1
GIB     96.70 320 eP     34 15.00  -1.5
LRG     96.73 328 eP     34 15.10  -1.3
        0.8s    41.90nm          5.7mb
LMR     96.75 328 eP     34 15.00  -1.5
        1.0s    49.60nm          5.7mb
                   pP     36 02.10 470km
LTX     96.79  52 P      34 18.00   0.9
                   pP     36 02.50 457kmX
MFF     97.07 333 eP     34 17.20  -0.7
        0.9s    36.00nm          5.6mb
RJF     97.44 332 eP     34 19.00  -0.6
        0.9s    39.30nm          5.7mb
CAF     97.51 331 eP     34 19.70  -0.3
        1.2s    60.60nm          5.8mb
                   pP     36 06.10 468km
TUL     97.63  42 eP     34 21.90   1.2
        0.7s    26.10nm          5.6mb
      Z  19s      1.97um          5.6Msz
                   iS     44 11.50
LFF     98.06 332 eP     34 22.10  -0.4
        0.8s    42.20nm          5.8mb
LPO     98.08 331 eP     34 22.00  -0.6
        0.8s    21.40nm          5.5mb
JCT     98.69  49 eP     34 27.00   1.3
        1.0s    19.00nm          5.4mb
                   ipP    36 10.00 450kmX
BHO     99.23  43 e(P)   34 30.00   2.1
EPF     99.77 331 eP     34 30.00  -0.3
        1.2s    14.80nm          5.3mb
AVY    100.24 254 ePdiff34 32.20  -0.7
EBR    101.49 329 ePdiff34 36.00  -1.7
NAI    101.81 275 ePdiff34 40.00   0.0
        0.7s    15.07nm          5.7mb
TOL    104.23 332 ePdiff34 50.00   0.1
                   ePP    39 15.00
                   ePPP   41 38.00
                   i      47 28.00
                   i      50 33.00
                   eSS    58 40.00
                   eSSS   04 11.00
NPA    105.88 261 ePKP   39 11.00   3.2X
                   e      39 24.00
CRT    106.29 330 ePKP   39 14.00   6.0X
SBA    107.08 174 ePKP   39 07.90  -0.3
TAF    107.71 328 iPKP   39 26.00  15.2X
                   i      39 44.00
                   i      41 54.00
AVE    111.24 331 iPKP   39 18.00   0.6
                   i      40 09.00
MTD    113.29 263 ePdiff35 35.00   4.3X
MTD    113.29 263 iPKP   39 22.00   0.1
                   iSKP   42 14.00
BNG    114.63 290 iPKPc  39 24.30  -0.2
        1.0s    23.70nm
                   i      39 35.00
                   i      40 29.00
                   i      41 28.00
                   i      42 18.00
                   iPP    42 54.50
KRI    115.04 264 ePKP   39 25.00  -0.3
                   iSKP   42 17.00
LSZ    115.66 266 iPdiff35 43.60   2.3X
                   i      36 08.30
                   i      39 27.40
                   i      40 34.40
                   i      40 40.10
                   i      42 14.20
                   i      42 20.80
                   i      42 58.90
                   i      44 35.00
                   i      45 35.90
                   i      46 47.50
BUL    117.19 261 ePdiff35 50.00   1.9
BUL    117.19 261 iPKP   39 30.00   0.6
                   iPP    40 47.00
                   iSKP   42 23.00
                   iSKS   45 40.00
EVA    119.02 254 ePKP   39 33.00   0.3
        0.7s   205.48nm
SLR    119.44 255 iPKPd  39 33.00  -0.5
        0.8s   108.21nm
KSR    120.67 255 ePKP   39 34.50  -1.4
        0.7s    67.50nm
SEK    120.81 252 ePKP   39 35.70  -0.4
        0.5s    98.59nm
BLF    122.25 252 ePKP   39 38.50  -0.3
        0.5s    35.68nm
                   e      40 06.70
UPA    127.15  51 iPKP   39 47.50  -0.9
        1.0s    52.00nm
                   i      40 50.00
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			i	41	44.50	
			i	42	26.80	
			i	46	59.00	
SJG	127.66	31	iPKPd	39	49.40	0.1
TOV	132.75	41	ePKP	40	01.20	2.0
FDF	132.83	28	ePKP	39	59.76	0.5
BMG	132.86	47	ePKP	40	00.00	0.5
UAV	132.89	44	ePKP	40	01.20	1.6
SDV	132.98	43	ePKP	40	00.30	0.5
FUO	133.63	49	ePKP	40	04.00	2.8X
BOG	134.03	50	ePKP	40	03.00	1.0
			ePP	42	39.00	
ISO	134.12	57	ePKP	40	03.50	1.2
AAS	144.04	166	ePKP	40	17.00	-1.1
ARE	149.11	74	ePKP	40	30.00	1.9
LPB	152.00	71	PKP-	40	33.00	0.4
	Z 19s		1.39um			5.8Msz
			pPKP	42	20.00	
			LR	24	00.00	
CCH	154.05	71	PKP	40	37.30	2.1X
MDZ	155.17	108	i(PKP)	40	38.30	2.3X
SLA	157.35	87	ePKPd	40	40.20	1.0
TCA	158.85	104	ePKPd	40	42.20	1.6
ITR	160.54	354	ePKP	40	42.70	0.0
VAO	172.16	50	ePKP	40	53.10	1.9
RDJ	174.14	26	iPKPd	40	54.40	2.5X
	S.D. = 1.2		on 427 of 462 obs.			

APR 04, 1985 00h 20m 31.05± 0.61s
42.050 N ± 5.8km 19.710 E ± 4.7km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.8 (TTG).

ULC	0.35	256	ePg	20	38.00	-0.3
			eSg	20	44.00	
TTG	0.50	319	ePg	20	41.20	-0.1
			eSg	20	51.00	
PVY	0.58	20	ePg	20	42.40	-0.5
			iSg	20	51.50	
IVA	0.83	10	ePg	20	47.00	-0.2
			eSg	21	01.10	
HCY	0.98	294	ePg	20	50.00	0.3
			eSg	21	06.50	
BRY	1.21	315	ePn	20	54.20	0.5
			eSn	21	17.20	
OHR	1.24	139	ePn	20	54.00	-0.2
			iSn	21	13.50	
SKO	1.29	93	ePn	20	55.50	0.5
			iSn	21	13.50	
	S.D. = 0.5		on 8 of 8 obs.			

? APR 04, 1985 00h 52m 46.22±12.80s
33.194 S ±98.4km 68.696 W ±57.3km
DEPTH = 5.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

MDZ	0.34	337	iP	52	52.70	-0.3
RFA	1.58	173	ePd	53	17.20	2.1X
			S	53	43.00	
CFA	1.63	14	e(P)	53	15.60	-0.1
			S	53	36.50	
RTCB	1.71	357	iPc	53	17.30	0.4
			S	53	40.00	
RTLL	1.87	6	iPd	53	19.30	0.1
			S	53	43.50	
TCA	3.94	63	e(P)	53	48.60	-0.1
			S	54	50.00	
	S.D. = 0.4		on 5 of 6 obs.			

• APR 04, 1985 01h 10m 41.31± 0.37s
53.066 S ± 8.9km 23.237 E ±14.0km
DEPTH = 10.0km (geophysicist)
4.9mb (8 obs.)
SOUTH OF AFRICA (430)

GRM	19.89	8	eP	15	14.00	-1.5
	0.6s	42.67nm			4.9mb	
	Z 20s	2.34um				
BLF	24.03	6	eP	16	01.00	3.7X
	0.6s	11.43nm			4.6mb	
BPI	27.10	9	eP	16	24.60	-1.6
KSR	27.31	7	eP	16	28.00	0.0
	0.7s	10.50nm			4.7mb	
SLR	27.56	10	eP	16	27.00	-3.3X
BUL	33.12	9	iPc	17	19.20	-0.5
	0.9s	10.92nm			4.8mb	

MTD	36.80	13	eP	17	51.00	-0.1
SPA	37.12	180	e(P)	17	52 40	-1.1
LSZ	37.90	8	iP	18	01.50	1.1
			i	18	09.10	
SBA	47.43	170	eP	19	08.00	-9.1X
BNG	57.42	354	iPc	20	33.20	0.8
	1.1s	36.90nm			5.3mb	
KIC	63.77	329	eP	21	15.80	0.3
ITR	66.18	288	eP	21	31.10	-0.1
			e	21	36.80	
SOB1	67.25	286	eP	21	39.80	1.8
			e	21	44.80	
CCH	75.94	260	eP	22	37.00	6.7X
LPB	77.76	259	eP	22	44.00	3.4X
			LR	47	45.00	
KOD	78.08	55	eP	22	43.00	0.8
GBA	80.97	53	Pd	22	58.80	1.5
	0.7s	6.20nm			4.7mb	
ASPA	82.93	120	eP	23	07.00	-0.7
	1.0s	20.00nm			5.3mb	
HYB	84.80	52	eP	23	17.50	0.5
WRA	86.22	118	P	23	25.00	0.8
	1.2s	14.60nm			5.0mb	
OHR	93.82	358	eP	24	02.20	3.0X
LTX	134.83	260	ePKP	30	04.20	2.4X
	1.0s	1.40nm				
FRB	136.26	320	ePKP	30	04.00	0.8
ALQ	140.47	263	ePKP	30	10.00	-2.2
	1.1s	6.96nm				
GLA	144.08	253	ePKP	30	20.00	1.6X
RMU	144.61	262	ePKP	30	18.20	-1.1
RSSD	144.73	277	ePKP	30	18.20	-1.2
	0.8s	4.23nm				
BAR	144.87	251	ePKP	30	19.00	-0.7
PLM	145.47	251	ePKP	30	21.00	0.1
TPC	145.55	253	ePKP	30	22.00	1.1
RVR	146.23	252	ePKP	30	23.00	1.1
MWC	146.79	251	ePKP	30	24.00	1.0
GSC	146.83	254	ePKP	30	25.00	2.0X
SBB	146.99	252	ePKP	30	25.00	1.8X
BDW	147.30	271	ePKP	30	23.90	0.2
	1.0s	11.80nm				
CLC	147.65	254	ePKP	30	28.00	3.8X
FFC	148.36	295	ePKP	30	28.00	3.4X
	1.1s	10.00nm				
CWC	148.37	254	ePKP	30	24.00	-1.5
EUR	149.16	260	iPKP	30	32.00	5.3X
	1.0s	5.38nm				
MNA	149.77	257	e(PKP)	30	33.40	5.8X
			e	30	39.80	
BMN	150.50	261	ePKP	30	29.70	1.1
	1.0s	5.25nm				
LRM	150.69	274	ePKP	30	35.20	6.4X
JAS1	150.75	254	e(PKP)	30	30.20	1.3
			e	30	36.50	
			e	30	41.40	
SES	151.92	283	ePKPc	30	30.50	0.2
MBC	152.74	341	ePKP	30	38.00	7.4X
MIN	153.04	256	ePKP	30	34.20	1.9X
EDM	154.25	288	ePKP	30	33.00	-0.4
YKC	155.99	310	ePKP	30	32.00	-3.4X
	1.0s	15.00nm				
YKA	156.05	310	ePKP	30	33.70	-1.8
INK	161.16	333	ePKP	30	37.00	-4.1X
	S.D. = 1.1		on 32 of 51 obs.			

& APR 04, 1985 02h 14m 45.64s
60.466 N 147.719 W
DEPTH = 23.9km
SOUTHERN ALASKA (2)
<AGS-P>.

GLI	0.52	36	iP	14	55.77	-0.3
HIN	0.61	96	iP	14	57.34	-0.3
TTV	0.66	26	iP	14	58.00	-0.5
			iS	15	07.37	
FID	0.67	64	iP	14	57.52	-1.2
PTE	0.76	302	iP	14	58.91	-1.1
			iS	15	08.79	
MPA	0.81	272	iP	14	59.35	-1.7
			iS	15	10.15	
VZW	0.83	43	iP	15	00.34	-0.9
SEW	0.94	248	iP	15	01.21	-1.8
VLZ	0.95	45	iP	15	02.28	-1.0
CVA	0.98	84	iP	15	03.05	-0.7
KNK	1.02	340	iP	15	03.54	-0.8
			iS	15	17.25	

PMS	1.19	312	iP	15	06.37	-0.5
SLKM	1.24	273	iP	15	06.51	-1.1
SGAM	1.24	87	iP	15	07.12	-0.5
MID	1.25	146	eP	15	08.28	0.6
PLRM	1.32	329	eP	15	07.24	-1.4
PME	1.33	332	eP	15	08.03	-0.7
KLU	1.35	40	iP	15	08.93	-0.3
SML	1.38	348	iP	15	09.45	-0.1
SCM	1.39	8	eP	15	10.00	0.3
TSIM	1.39	56	eP	15	09.60	-0.2
CSG	1.43	81	iP	15	10.99	0.8
			iS	15	32.10	
GHO	1.44	336	iP	15	10.17	-0.2
MSE	1.50	337	eP	15	10.95	-0.5
RAGM	1.51	92	eP	15	11.50	0.0
PWA	1.59	319	iP	15	12.05	-0.4
BMRM	1.62	71	eP	15	12.58	-0.5
			iS	15	34.35	
KMP	1.68	50	iP	15	14.29	0.3
BRLK	1.73	247	iP	15	13.17	-1.5
NKA	1.76	281	eP	15	15.54	0.6
TOA	1.81	24	iP	15	17.06	1.3
GLB	2.14	61	iP	15	20.35	-0.3
SPU	2.24	291	iP	15	20.48	-1.5
CGLM	2.26	294	iP	15	20.88	-1.4
CRP	2.31	292	eP	15	21.83	-1.3
RDT	2.32	275	eP	15	21.11	-2.0
ILM	2.55	266	eP	15	24.18	-2.2
BALM	2.70	75	eP	15	27.48	-1.1
YAH	2.97	89	eP	15	31.05	-1.4
CTGM	3.18	78	eP	15	34.69	-0.7
PDB	3.31	261	eP	15	34.78	-2.3
	41 obs. associated					

APR 04, 1985 02h 25m 11.90± 0.71s
66.126 N ± 8.0km 150.020 W ± 7.4km
DEPTH = 10.0km (geophysicist)
3.9mb (1 obs.)
ALASKA (676)
ML 4.0 (PMR).

IMA	1.49	269	eP	25	38.80	-0.1
COL	1.54	142	iP	25	39.80	0.4
FBA	1.54	142	eP	25	39.60	0.2
TTA	4.12	222	eP	26	16.50	0.2
TOA	4.38	156	eP	26	21.40	1.5
PME	4.54	174	eP	26	21.20	-0.9
DWY	4.94	110	P	26	23.80	-4.0X
			S	37	17.00	
SVW	5.62	209	eP	26	37.10	-0.5
BRW	5.75	338	eP	26	32.80	-6.4X
INK	6.77	64	eP	26	48.00	-5.6X
MBC	13.91	31	eP	28	25.00	-6.0X
YKA	15.63	87	eP	28	47.30	-6.2X
EDM	22.16	108	eP	30	08.00	-1.1
FRB	32.33	55	eP	31	42.00	-0.7
NB2	52.38	11	P	34	26.80	1.1
	0.7s	1.10nm			3.9mb	
	S.D. = 0.9		on 10 of 15 obs.			

% APR 04, 1985 02h 44m 20.41± 2.05s
42.066 N ±13.5km 18.713 E ±10.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.7 (TTG).

ULC	0.36	254	iPg	44	27.70	-0.1
			iSg	44	33.00	
TTG	0.49	317	iPg	44	30.00	-0.4
			eSg	44	39.50	
PVY	0.56	20	ePg	44	31.20	-0.7
			eSg	44	40.50	
BDV	0.69	289	ePg	44	34.10	0.0
			eSg	44	46.40	
IVA	0.82	10	ePg	44	37.00	0.7
			eSg	44	51.10	
HCY	0.98	293	ePg	44	39.10	0.1
			eSg	44	55.70	
BRY	1.20	314	ePn	44	43.20	0.3
			eSn	45	06.10	
OHR	1.25	139	ePn	43	43.10	-60.7X
			iSn	44	02.60	
SKO	1.29	94	ePn	43	44.80	-59.5X
			iSn	44	02.20	
VAY	2.27	108	ePn	44	01.20	-57 3X
	S.D. = 0.6		on 7 of 10 obs.			

04d 03h

% APR 04, 1985 03h 18m 42.32± 1.07s
19.185 N ± 8.4km 99.582 W ± 9.4km
DEPTH = 10.0km (geophysicist)
CENTRAL MEXICO (523)

OXM	0.15	318	iP	18 46.00	0.0
TPM	0.53	112	iP	18 52.00	-1.1
IIP	0.65	76	eP	18 57.00	1.5
IIC	0.65	28	eP	18 55.00	-0.6
III	0.81	172	eP	18 58.50	0.3
			iS	19 09.00	

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

% APR 04, 1985 03h 19m 55.25± 0.94s
19.204 N ± 9.9km 99.411 W ±10.3km
DEPTH = 33.0km (normal)
CENTRAL MEXICO (523)

OXM	0.28	289	eP	20 04.00	0.9
TPM	0.40	124	eP	20 04.50	0.0
			iS	20 08.50	
IIP	0.49	73	eP	20 07.00	1.0
			iSg	20 13.00	
IIC	0.58	14	eP	20 06.00	-1.3
			iS	20 15.00	
III	0.83	184	iP	20 10.00	-0.6
			iSg	20 21.00	

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

& APR 04, 1985 03h 32m 13.24s
62.263 N 149.104 W
DEPTH = 44.8km
CENTRAL ALASKA (1)
<AGS-P>.

MSE	0.43	171	iP	32 23.20	-0.3
GHO	0.50	170	iP	32 24.08	-0.3
SML	0.58	141	iP	32 24.85	-0.5
PME	0.64	177	eP	32 25.20	-0.8
PLRM	0.67	181	iP	32 25.62	-0.9
PWA	0.72	211	eP	32 26.58	-0.5
KNP	0.91	160	iP	32 29.28	-0.5
SCM	0.94	116	iP	32 29.53	-0.8
PMS	1.04	192	iP	32 30.91	-0.8
TOA	1.38	95	eP	32 36.80	0.3
PTE	1.40	178	iP	32 36.21	-0.5
TTV	1.54	141	iP	32 38.57	-0.1
			iS	32 59.69	
CGLM	1.68	236	iP	32 40.37	-0.4
GLI	1.69	144	iP	32 40.33	-0.5
KLU	1.69	116	iP	32 40.55	-0.4
VZW	1.71	134	iP	32 40.40	-0.8
VLZ	1.74	129	iP	32 40.53	-0.9
			eS	33 03.98	
CRP	1.76	237	eP	32 41.49	-0.5
SPU	1.78	234	iP	32 41.51	-0.5
MPA	1.78	184	eP	32 41.31	-0.8
SLKM	1.84	197	eP	32 42.07	-0.9
FID	1.97	139	iP	32 43.78	-1.0
KMP	2.07	109	iP	32 45.66	-0.6
TSIM	2.07	118	iP	32 45.46	-0.8
			iS	33 11.64	
SEW	2.17	185	eP	32 47.47	-0.1
HIN	2.25	145	eP	32 47.82	-1.0
RDT	2.32	225	eP	32 48.71	-1.1
CVA	2.36	135	eP	32 49.82	-0.5
BMRM	2.53	119	eP	32 51.40	-1.4
SGAM	2.58	132	eP	32 52.27	-1.2
CSG	2.60	126	eP	32 53.49	-0.3
GLB	2.64	106	eP	32 53.54	-0.9
BPLP	2.65	200	eP	32 52.78	-1.8
FBA	2.71	12	eP	32 53.80	-1.5
TLM	2.75	222	eP	32 54.89	-1.1
RAGM	2.85	129	eP	32 57.20	-0.1
MIC	3.15	153	eP	32 57.00	-4.6
TTA	3.27	285	eP	33 01.00	-2.3
SVW	3.31	252	eP	33 01.77	-2.2
BALM	3.45	108	eP	33 04.02	-1.9
PDB	3.51	227	eP	33 05.14	-1.5
SNH	3.68	122	eP	33 07.64	-1.4
CTGM	3.93	106	eP	33 11.38	-1.4
YAH	4.03	115	eP	33 12.31	-1.9
IMA	4.31	334	eP	33 16.00	-2.1
PCA	4.80	113	eP	33 23.01	-1.9
INK	8.88	40	eP	34 20.00	-1.8

47 obs. associated

APR 04, 1985 04h 01m 39.20± 0.46s
39.419 N ± 8.6km 72.630 E ± 7.1km
DEPTH = 33.0km (normal)
4.6mb (9 obs.)
KIRGHIZ SSR (716)

KSH	2.59	88	iPc	02 22.00	2.1
			iS	02 58.00	
QUE	10.32	209	eP	04 10.20	2.0
MHI	10.84	257	eP	04 13.00	-2.3
			eS	05 57.00	
WMO	12.10	64	eP	04 29.50	-2.8
			iS	06 46.00	
DMN	15.70	135	eP	05 15.30	-4.4X
GTA	20.98	81	iPc	06 21.60	-0.4
GBA	26.06	169	Pc	07 11.00	-0.4
	0.5s		6.70nm	4.5mb	
CD2	26.72	99	P	07 18.10	0.6
KJF	36.03	328	eP	08 39.00	0.1
SUF	36.19	326	iP	08 40.60	0.4
	0.6s		4.10nm	4.5mb	
NUR	36.28	322	eP	08 42.00	1.0
HFS	41.62	320	eP	09 25.50	0.1
	0.4s		3.80nm	4.5mb	
BRG	41.89	306	e(P)	09 29.00	1.2
KHC	42.39	303	P	09 33.80	1.8
NB2	42.87	321	P	09 35.60	-0.1
	0.6s		1.90nm	4.0mb	
DAG	52.33	343	iPc	10 49.10	-0.3
	0.7s		5.48nm	4.6mb	
BNG	59.89	249	iPd	11 43.30	-1.1
	1.1s		18.50nm	5.1mb	
MBC	64.36	3	ePc	12 13.30	-0.1
	0.7s		15.00nm	5.2mb	
MTD	67.78	223	eP	12 35.00	-1.0
INK	70.83	10	eP	12 54.00	0.0
COL	71.31	17	eP	12 56.00	-1.0
BUL	72.13	223	iP	13 01.90	-0.7
	0.8s		3.73nm	4.4mb	
YKA	78.27	3	eP	13 37.50	0.7
YKC	78.29	3	eP	13 37.00	0.1
	0.7s		6.00nm	4.7mb	

S.D. = 1.3 on 23 of 24 obs.

APR 04, 1985 05h 35m 57.87± 0.30s
12.131 N ± 5.5km 144.291 E ± 6.0km
DEPTH = 33.0km (normal)
5.2mb (16 obs.) 4.6Msz (3 obs.)
SOUTH OF MARIANA ISLANDS (210)
Felt (III) on Guom.

GUA	1.52	23	iPc	36 23.80	0.7
GUMO	1.55	21	iPc	36 24.30	0.8
			e(S)	36 43.80	
PJG	1.55	21	iPc	36 24.30	0.8
PLP	18.94	269	eP	40 18.20	-0.6
DAV	19.12	257	eP	40 22.00	1.0
			eS	44 06.00	
AAI	22.43	226	ePd	40 56.50	1.1
BAG	23.36	283	eP	41 06.00	1.3
DDR	24.21	350	eP	41 17.30	4.7X
TSK	24.27	352	eP	41 14.30	1.1
SHK	24.68	337	eP	41 25.80	8.7X
MAT	24.92	348	eP	41 20.00	0.6
	1.0s		20.00nm	4.7mb	
Z	19s		2.08um	4.7Msz	
			eS	45 40.00	
MTN	28.04	208	eP	41 47.00	-1.3
SSE	28.48	315	eP	41 52.20	0.0
Z	20s		1.00um	4.4Msz	
			eS	46 36.00	
HKC	30.44	293	e(P)	42 12.00	2.2
KNA	31.68	209	eP	42 20.00	-0.7
CTA	32.07	177	iPc	42 23.20	-0.9
			iS	47 50.00	
BJI	37.25	323	eP	43 06.00	-2.3
GYA	38.11	298	P	43 16.80	1.0
TIY	38.19	317	eP	43 16.00	-0.3
			S	49 12.50	
MBL	40.89	216	eP	43 38.50	-0.2
KMI	41.27	294	eP	43 47.50	5.3X
BTO	41.35	320	eP	43 42.00	-0.5
WBN	41.76	204	iPc	43 47.00	1.1
CD2	41.79	303	Pc	43 46.00	-0.2
KGM	41.82	259	ePc	43 53.50	7.0X
SNG	43.30	268	eP	44 01.00	2.4
IPM	43.41	264	ePd	44 05.20	5.6X
LZH	43.51	310	eP	44 04.50	4.2X
CHTD	44.11	285	eP	44 03.50	-1.7
NAU	44.54	219	eP	44 09.00	0.5
PPI	45.33	257	eP	44 15.00	0.0
PSI	45.89	262	eP	44 20.00	0.6
	1.0s		19.00nm	5.0mb	
ADE	47.14	186	e(P)	44 28.20	-0.8
GTA	47.73	313	P	44 33.20	-0.6
			S	51 29.00	
			ScS	54 28.90	
MRWA	49.36	213	iPc	44 46.00	-0.3
	0.5s		11.00nm	5.1mb	
LSA	52.17	298	eP	45 12.20	3.9X
PKI	56.99	295	eP	45 42.60	-0.8
DMN	57.26	295	eP	45 44.80	-0.4
	0.8s		48.00nm	5.6mb	
WMO	57.74	314	P	45 48.00	-0.1
HYB	63.53	284	eP	46 27.50	-0.3
	1.0s		50.00nm	5.6mb	
			e	46 33.00	
GBA	65.00	279	P	46 36.70	-0.7
SVW	65.21	28	eP	46 37.50	-0.5
POO	67.88	285	iPc	46 35.90	-19.8X
PME	68.38	28	eP	46 56.10	-2.0
QUE	73.14	298	eP	47 28.00	0.3
INK	75.93	22	eP	47 41.00	-1.7
MHI	78.77	305	eP	48 01.00	1.7
MBC	79.81	14	eP	48 03.00	-1.0
	0.7s		37.00nm	5.5mb	
YKA	84.41	27	eP	48 28.70	0.7
YKC	84.47	27	eP	48 28.00	-0.3
	1.0s		15.00nm	5.1mb	
ALE	84.73	3	eP	48 29.00	-0.4
	0.8s		28.00nm	5.5mb	
			pP	48 38.50	30kmX
NEW	86.69	41	eP	48 41.00	1.2
EDM	87.65	36	ePc	48 44.70	0.4
BMN	88.58	49	eP	48 50.10	0.9
	0.9s		3.32nm	4.7mb	
CWC	88.93	53	eP	48 51.00	0.1
CLC	89.46	54	eP	48 54.00	0.7
SBB	89.56	55	eP	49 00.00	6.2X
EUR	89.76	50	iP	48 55.10	0.2
	0.2s		5.02nm	5.4mb	
SES	89.89	38	eP	48 55.00	0.0
RVR	90.09	55	eP	49 08.00	11.8X
GSC	90.21	54	eP	48 58.00	1.1
KJF	90.21	337	eP	48 54.00	-2.2
	0.6s		15.60nm	5.5mb	
			i	49 03.20	
PLM	90.67	56	eP	49 03.00	3.9X
DAG	90.70	356	iPd	48 56.70	-1.5
	0.6s		4.00nm	4.9mb	
BAR	90.99	56	eP	49 06.00	5.6X
TPC	91.13	55	eP	49 05.00	4.0X
SUF	91.56	336	eP	49 01.00	-1.4
GLA	92.39	56	eP	49 18.00	11.1X
NUR	93.32	334	iP	49 15.00	4.5X
	0.7s		13.30nm	5.5mb	
Z	18s		0.20um	4.6Msz	
			LR	35 40.00	
FFC	93.34	32	eP	49 11.00	0.3
	0.8s		5.00nm	5.0mb	
HFS	97.92	337	(P)	49 29.40	-2.1
	0.5s		1.00nm	4.6mb	
ALQ	98.39	52	eP	49 35.00	0.6
	0.9s		2.94nm	4.8mb	
FRB	100.28	14	ePdiff	49 50.00	8.0X
BUL	118.01	254	ePKP	54 49.50	5.5X
BNG	123.61	284	iPKPd	55 00.20	5.5X
	1.1s		18.50nm		
KIC	144.14	299	e(PKP)	55 30.00	-3.0X
ARE	145.09	101	ePKP	55 34.00	-0.9
LPB	148.34	102	ePKP	55 42.00	1.7
			LR	19 10.00	
YJA	149.89	113	e(PKP)	55 44.00	1.4
CCH	150.13	104	PKP	55 49.20	6.3X

S.D. = 1.1 on 60 of 80 obs.

% APR 04, 1985 05h 58m 04.99± 0.85s
32.718 S ± 7.5km 67.888 W ±11.4km
DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)

CFA	1.15	345	ePc	58 24.00	-0.8
			S	58 40.10	
RTCB	1.45	328	eP	58 29.00	-0.3

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                  S     58 49.80
RTLL    1.47 340 iPd    58 29.50    0.0
                  S     58 50.80
RFA     2.10 193 ePd    58 38.60    0.0
                  S     59 05.80
TCA     3.12  65 ePc    58 52.80   -0.3
                  S     59 43.00
VCA     3.97 356 ePd    59 06.00    0.7
                  S     00 08.60
      S.D. = 0.6  on   6 of   6 obs.

   APR  04, 1985  06h 01m 01.81± 0.53s
   17.008 N ± 5.8km   62.423 W ± 6.0km
   DEPTH =  30.0 ±  5.6 km
   4.4mb (  3 obs.)
 LEEWARD ISLANDS                 ( 92)

BPA     0.54  86 iPc    01 11.49   -1.5
SEG     1.07 124 iPc    01 20.61   -0.1
                  S     01 31.00
MLG     1.16 144 iPc    01 22.11    0.0
PAG     1.21 144 iPc    01 22.79    0.0
                  S     01 39.40
BTG     1.22 146 iPc    01 22.83    0.0
SFG     1.39 122 eP     01 25.93    0.6
MGG     1.52 135 iP     01 28.09    0.9
FDF     2.57 151 eP     01 42.62    0.2
                  S     02 14.90
SJG     3.72 288 iPd    01 58.20   -0.5
TRN     6.40 171 iP     02 36.70    0.2
CAR     7.80 215 eP     02 55.00   -1.3
HOJ    13.70 276 eP     04 17.91    1.4
STH    13.77 277 eP     04 16.67   -0.7
BOG    16.78 224 eP     04 44.40  -12.4X
ALQ    43.04 303 eP     09 01.00    0.1
       1.0s     7.50nm          4.4mb
FRB    46.88 356 eP     09 32.00    1.1
BDW    47.48 313 eP     09 36.80    0.5
       0.9s     4.96nm          4.5mb
SES    51.08 322 eP     10 04.00    0.4
BMN    52.50 308 eP     10 14.70    0.1
       1.0s     3.25nm          4.2mb
NEW    54.14 318 eP     10 26.00   -0.5
YKA    58.00 334 eP     10 53.60   -0.3
MBC    65.97 347 eP     11 42.00   -5.0X
INK    67.34 338 eP     11 55.00   -0.8
      S.D. = 0.8  on  21 of  23 obs.

?  APR  04, 1985  06h 17m 53.84± 1.89s
   15.366 N ±55.3km   63.643 W ±31.5km
   DEPTH =  33.0km  (normal)
 LEEWARD ISLANDS                 ( 92)

FDF     2.49 104 eP     18 32.91   -0.1
                  S     19 12.40
BIM     2.63 108 eP     18 35.40    0.5
CRM     2.70 103 eP     18 38.87    2.9X
MVM     2.78 107 eP     18 36.51   -0.4
SJG     3.64 319 iPc    18 49.30    0.1
ALQ    42.99 305 e(P)   25 52.00   -0.1
      S D. = 0.5  on   5 of   6 obs.

?  APR  04, 1985  06h 37m 14.33± 2.41s
   53.045 N ±28.9km  133.787 W ±26.3km
   DEPTH =  10.0km  (geophysicist)
 QUEEN CHARLOTTE ISLANDS REGION  ( 22)
      ML 4 4 (PMR).

SIT     4.12 348 eP     38 17.00   -1.5
PNL     7.33 337 eP     39 04.00    0.0
TOA    11.23 329 eP     40 00.50    2.6X
NEW    11.60 108 eP     40 02.80   -0.1
PMS    11.84 320 eP     40 06.40    0.3
INK    15.30   0 eP     40 53.00    1.4
BDW    19.12 113 eP     42 04.00   24.0X
       0.8s     1.17nm
MBC    23.94   8 eP     42 40.00   11.2X
      S.D. = 1.5  on   5 of   8 obs.

•  APR  04, 1985  06h 56m 59.04± 2.23s
   15.093 S ±12.3km  167.315 E ±24.0km
   DEPTH = 150.0 ± 18.2 km
   4.3mb (  1 obs.)
 VANUATU ISLANDS                 (186)

KOU     6.16 208 iPc    58 28.10   -0.7
                  iS    59 36.90

NOU     7.22 186 iPd    58 43.50    0.3
                  IS    00 05.00
SVO     9.41 308 eP     59 13.00    0.6
                  eS    00 54.00
VSG     9.43 307 eP     59 12.00   -0.6
                  eS    00 55.00
CTAO   20.68 253 eP     01 29.10    0.3
       0.8s     9.03nm          4.3mb
FLN   144.96 346 ePKP   16 18.10   -1.7
       0.8s     8.00nm
LOR   145.09 340 ePKP   16 18.90   -1.2
       0.6s     3.60nm
MNS   145.13 326 iPKPd  16 19.00   -1.3
LBF   145.30 340 ePKP   16 19.70   -0.8
       1.1s    13.50nm
GRC   145.32 341 iPKPd  16 20.50    0.1
SSF   145.39 340 ePKP   16 20.00   -0.6
       0.7s    17.10nm
GRR   145.40 346 ePKP   16 19.90   -0.6
       0.6s    10.40nm
SMF   145.64 340 ePKP   16 20.70   -0.4
       0.8s     6.70nm
AVF   145.68 340 ePKP   16 20.70   -0.4
       0.8s     5.10nm
LPF   145.77 346 ePKP   16 20.70   -0.5
       0.6s     6.70nm
BGF   146.05 341 ePKP   16 22.00    0.3
       0.6s     8.20nm
MZF   146.43 341 ePKP   16 23.50    1.1
       0.8s     6.20nm
TCF   146.49 341 ePKP   16 23.40    0.9
       0.8s     3.70nm
LSF   146.73 342 ePKP   16 23.90    1.1
       0.8s    11.20nm
MFF   146.88 344 ePKP   16 24.40    1.4
       0.6s     8.10nm
CVF   146.94 330 ePKP   16 24.30    1.0
BNG   147.50 254 iPKPd  16 26.90    1.9
       0.8s    12.20nm
                  i     17 01.60
LFF   148.16 342 ePKP   16 28.10    3.0X
       0.7s     9.20nm
LPO   148.25 341 ePKP   16 28.40    3.1X
       0.7s     6.60nm
      S.D. = 1.0  on  22 of  24 obs.

•  APR  04, 1985  07h 04m 24.76± 1.12s
   4.242 S ±11.9km  145.084 E ±11.8km
   DEPTH =  33.0km  (normal)
   4.8mb (  4 obs.)
 NEAR N COAST OF PAPUA NEW GUINEA(200)

PMG     5.53 158 eP     05 47.00    0.1
LMG     5.55 147 eP     05 47.00   -0.3
MTN    16.22 237 eP     08 12.00    0.1
WB2    18.79 213 eP     08 42.80   -1.1
                  eS    12 26.70
WRA    18.79 213 Pc     08 44.10    0.1
       0.9s     7.80nm          3.9mb
KNA    19.70 233 eP     08 54.00   -0.5
ASPA   22.12 208 eP     09 21.00    1.8
       1.1s    65.00nm          5.0mb
PKI    65.60 303 eP     15 08.10   -0.3
       0.8s     4.00nm          4.6mb
DMN    65.86 303 eP     15 10.20    0.2
       0.8s    25.00nm          5.4mb
      S.D. = 0.9  on   9 of   9 obs.

   APR  04, 1985  08h 40m 47.53± 0.18s
   11.465 N ± 3.6km   95.038 E ± 3.4km
   DEPTH =  33.0km  (normal)
   5.2mb ( 48 obs.) 4.7Msz (  2 obs.)
 ANDAMAN ISLANDS REGION          (703)
      CENTROID, MOMENT TENSOR    (HRV)
      Data Used: GDSN
      L.P.B.: 10S, 20C
      Centroid Locotion:
      Origin Time        08:40:47.1 1.1
      Lat 11.31N 0.12 Lon  95.09E 0.13
      Dep  17.814.5 Half-duration  1.6
      Moment Tensor; Scale 10**23 D-CM
        Mrr= 0.10 0.50  Mtt=-2.42 0.68
        Mff= 2.32 0.78  Mrt= 7.80 3.77
        Mrf= 1.75 2.02  Mtf= 6.14 0.57
       Principal Axes:
        T  Val= 10.49  Plg=33  Azm=317
        N       -0.28      40       80
        P       -10.21     32      202
      Best Double Couple:Mo=1.0**24
       NP1:Strike=349 Dip=40 Slip= 179
       NP2:        79     89       50

NST     6.48  49 eP     42 20.80   -2.4
SNG     6.96 127 eP     42 26.00   -3.9X
                  iS    44 06.00
CHTO    8.22  27 iPc    42 46.80   -0.7
       0.8s     7.69nm          4.9mb
                  eS    47 04.00
TSI     8.65 156 e(P)   42 59.00    5.6X
LOE     8.77  47 eP     42 53.00   -2.1
IPM     9.05 139 ePd    42 54.60   -4.4X
       0.6s    28.70nm          5.6mb
                  e     44 33.70
PSI     9.53 156 ePc    43 00.50   -5.0X
KGM    12.48 138 eP     43 41.00   -4.7X
                  e     46 10.30
PPI    12.99 155 eP     43 50.50   -2.0
BOK    15.12 326 eP     44 01.00  -19.4X
KMI    15.42  27 eP     44 26.50    1.9
                  pP    44 43.00
                  sP    44 58.00
                  S     47 22.00
                  sS    47 49.00
HYB    17.02 292 eP     44 44.00   -0.8
                  eS    47 54.00
KOD    17.30 268 eP     44 48.00   -0.6
GBA    17.31 279 Pd     44 48.10   -0.3
       0.9s    38.10nm          4.5mb
PKI    18.40 332 eP     44 59.90   -2.3
LSA    18.50 349 Pc     45 02.80   -0.8
                  S     48 30.00
GYA    18.51  35 Pc     45 04.00    0.7
DMN    18.57 331 eP     45 02.50   -1.7
GZH    20.93  54 eP     45 33.00    3.1X
CD2    20.97  21 iPc    45 29.90   -0.5
HKC    21.22  57 eP     45 39.00    6.1X
                  eS    49 45.00
KKM    21.60 103 ePd    45 38.80    1.9
POO    21.62 291 iPc    45 38.00    0.9
                  iS    49 36.00
BOM    22.67 292 eP     45 44.00   -3.4X
                  eS    50 01.00
DDI    24.51 322 eP     46 06.00    0.7
                  eS    50 33.00
BAG    25.26  76 eP     46 17.00    4.3X
LZH    25.78  17 Pc     46 17.50    0.2
       1.8s   487.00nm          5.8mb
XAN    25.80  27 P      46 16.00   -1.5
                  S     50 46.00
TRT    25.87 137 iPd    46 18.60    0.5
       0.6s    59.50nm          5.4mb
WHN    26.10  40 P      46 20.50    0.3
GTA    28.15   8 iPc    46 39.90    0.9
NJ2    30.02  43 eP     46 55.40   -0.3
                  S     51 55.00
TIY    30.44  28 eP     46 58.50   -0.9
DAV    30.44  96 eP     47 06.00    6.5X
SSE    31.09  47 eP     47 03.50   -1.6
     Z  14s     3.30um          5.2MszX
     N  14s     2.90um
     E  14s     1.70um
                  PP    48 12.00
                  S     52 14.00
                  sS    52 30.00
TIA    31.70  35 eP     47 10.70    6.3
BTO    31.89  22 eP     47 10.40   -1.7
QUE    32.04 310 eP     47 14.60    0.8
                  eS    52 26.00
KSH    32.61 332 P      47 19.00    0.5
HHC    32.69  24 P      47 19.60    0.5
                  eS    52 36.00
WMO    32.86 350 P      47 20.50    0.0
BJI    34.05  30 eP     47 32.00    1.2
                  eS    52 55.00
DL2    36.15  36 eP     47 50.00    1.3
SNY    39.21  34 eP     48 14.80    0.5
                  S     54 19.00
MHI    40.47 314 iPc    48 25.00    0.0
                  e     50 04.00
MBL    40.56 143 eP     48 24.50   -1.2
CN2    41.55  34 Pc     48 33.70    0.1
                  ipP   48 41.20   25kmX
                  iS    54 49.50
                  isS   55 02.00
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04d  08h

                      ScS    58 32.00
MEK     44.21 149 eP         48 55.00   -0.5
MRWA    45.22 154 iPc        49 03.20   -0.4
MAT     46.14  50 eP         49 11.00    0.2
        1.5s     77.78nm             5.4mb
     Z  19s       1.22um             4.9Msz
                      eS     56 06.00
WBN     48.36 141 eP         49 27.00   -1.3
KER     49.13 306 e(P)       49 32.00   -2.4
WRA     49.71 129 Pd         49 37.60   -1.2
        0.6s     12.00nm             5.1mb
ASPA    51.61 133 iPd        49 52.10   -1.1
        1.2s     30.00nm             5.1mb
AVY     55.56 238 eP         50 22.50   -0.2
JER     58.47 300 eP         50 41.00   -2.1
PRNI    58.50 299 P          50 40.60   -2.7
STK     61.99 136 eP         51 06.00   -1.0
        0.8s     12.00nm             5.1mb
ADE     61.99 140 iPd        51 06.80   -0.2
        1.0s     52.00nm             5.6mb
RMO     64.39 127 iPd        51 23.70    0.8
CMS     64.74 133 eP         51 24.00   -1.1
MLP     67.27 315 ePc        51 40.00   -1.3
KDZ     67.31 310 iPc        51 40.00   -1.4
TOO     67.91 139 eP         51 46.00    0.7
YOU     68.04 134 eP         51 54.40    8.3X
MTD     68.71 247 eP         51 50.00   -0.7
COO     68.76 129 eP         51 51.00    0.3
VAY     69.37 310 i(P)       51 52.60   -1.6
CLO     69.43 314 eP         51 55.00    0.4
KJF     69.94 335 iP         51 57.00   -0.3
        0.8s     44.00nm             5.6mb
                      i      52 06.00
SKO     70.24 311 e(P)       51 58.50   -1.1
SUF     70.25 333 iP         51 58.90   -0.2
NUR     70.46 330 iP         52 00.80    0.3
        1.0s     38.00nm             5.4mb
     Z  26s       0.90um             4.9MszX
                      i      52 08.40
                      LR     24 10.00
OHR     70.70 310 e(P)       52 00.20   -2.2
JOS     71.23 317 ePc        52 05.00   -0.4
        1.0s     18.60nm             5.1mb
SOD     71.23 338 iP         52 05.30    0.2
                      i      52 14.00
SPC     71.47 318 eP         52 07.40    0.3
KEV     71.77 340 iP         52 08.50    0.2
        0.8s     20.50nm             5.2mb
                      i      52 13.00
                      eS     01 36.00
BUL     72.50 245 iPd        52 13.40   -0.2
        1.1s     20.25nm             5.0mb
ZST     73.51 317 i(P)       52 18.90    0.0
UPP     73.84 329 iP         52 20.40   -0.1
                      i      52 28.80
SOP     73.87 316 eP         52 20.20   -0.7
KSP     74.10 320 iPd        52 22.50    0.3
                      i      52 30.50
PRU     75.21 319 Pd         52 29.30    0.6
                      e      52 37.50
LJU     75.26 315 ePc        52 29.30    0.2
                      e      52 37.30
BRG     75.58 320 iPc        52 31.40    0.6
        1.0s     32.00nm             5.3mb
                      i      52 39.70
                      i      52 58.50
TRI     75.81 314 eP         52 31.40   -0.8
                      e      52 40.00
HFS     75.83 329 iP         52 31.90   -0.1
        1.1s     28.60nm             5.2mb
KHC     75.85 318 iPc        52 32.50    0.1
        1.0s     14.00nm             4.9mb
                      e      52 41.00
BNG     75.91 272 iPd        52 33.00   -0.4
        1.0s      7.90nm             4.7mb
CLL     76.17 320 iP         52 34.10    0.0
                      i      52 42.30
SEK     76.19 237 eP         52 35.10    0.3
        1.0s     25.00nm             5.2mb
WET     76.30 318 eP         52 35.20    0.3
VIR     76.73 237 eP         52 37.00   -0.8
        1.0s     30.00nm             5.3mb
MOX     77.07 320 eP         52 39.00   -0.1
        1.2s     37.00nm             5.3mb
                      e      52 48.00
CTI     77.27 315 iPd        52 41.00    0.5
GRF     77.36 319 ePc        52 41.70    0.9

        0.9s     22.00nm             5.2mb
     Z  20s       0.20um             4.4Msz
                      e      52 50.30
OGA     77.65 316 iPc        52 42.10   -0.6
        1.0s     24.00nm             5.2mb
OSS     78.27 316 eP+        52 46.20    0.1
VDL     78.75 315 eP+        52 48.80    0.1
SAX     78.77 316 eP+        52 48.90    0.0
LLS     79.04 316 eP+        52 50.20   -0.1
SLE     79.30 317 eP+        52 51.00   -0.5
ZUL     79.40 316 eP+        52 51.80   -0.2
MMK     79.83 315 eP+        52 55.10    0.5
CDF     80.05 317 eP         52 55.50   -0.1
        0.9s      3.20nm             4.3mb
DIX     80.21 315 eP+        52 57.00    0.3
BSF     80.44 317 eP         52 57.90    0.2
        1.0s      6.00nm             4.5mb
EMS     80.54 315 eP+        52 58.70    0.3
MEM     80.63 320 P          53 07.20    8.8X
HAU     80.71 317 eP         52 59.20    0.2
        0.8s     16.10nm             5.1mb
FRF     81.05 313 iPc        53 01.30    0.5
        0.9s     39.10nm             5.4mb
LMR     81.18 312 iPc        53 02.00    0.5
        1.0s     20.00nm             5.1mb
LRG     81.27 313 iPc        53 02.90    1.0
        0.9s     25.20nm             5.2mb
DOU     81.59 319 Pc         53 04.60    1.1
MAW     82.21 192 eP         53 08.00    1.8
LBF     82.44 316 iPc        53 08.40    0.3
        0.9s     24.50nm             5.3mb
LOR     82.48 317 iPc        53 08.50    0.3
        1.0s     22.00nm             5.2mb
SMF     82.59 316 eP         53 08.70   -0.1
        0.9s     24.50nm             5.3mb
SSF     82.75 316 iPc        53 10.10    0.5
        0.8s      8.50nm             4.9mb
AVF     82.90 316 eP         53 10.40    0.0
        1.0s     21.70nm             5.2mb
GRC     83.00 317 iPc        53 11.40    0.5
BGF     83.28 316 iPc        53 13.10    0.8
        0.8s     10.80nm             5.0mb
MZF     83.51 316 iPc        53 14.40    0.8
        0.9s     16.60nm             5.2mb
TCF     83.76 316 iPc        53 15.60    0.8
        1.0s     11.10nm             5.0mb
CAF     84.10 315 iPc        53 17.40    0.8
        0.8s      9.40nm             5.0mb
DAG     84.20 348 iPc        53 15.90   -0.6
        1.2s     14.06nm             5.0mb
LSF     84.23 316 iPc        53 17.70    0.5
        0.8s     11.10nm             5.1mb
LPO     84.75 314 iPc        53 21.00    1.2
        0.9s      9.80nm             5.0mb
LDF     84.88 318 iPc        53 21.30    0.9
        0.8s     14.50nm             5.2mb
FLN     85.08 319 iPc        53 22.20    0.8
        1.0s     28.00nm             5.4mb
EKA     85.28 325 Pc         53 22.90    0.7
MFF     85.30 316 iPc        53 23.10    0.6
        1.0s     24.00nm             5.4mb
LPF     85.60 318 iPc        53 25.00    1.0
        1.0s     23.70nm             5.4mb
ALE     85.61 357 eP         53 23.00   -0.4
        0.8s      5.00nm             4.8mb
IMA     87.99  22 eP         53 36.70    1.2
TTA     88.28  26 eP         53 39.50    2.7X
PME     91.79  25 eP         53 53.70    0.6
        1.0s     20.00nm             5.5mb
INK     93.33  16 eP         54 01.00    0.9
BMN    120.35  28 ePKP       59 38.70    1.2
        1.0s      1.00nm
BDW    121.51  21 ePKP       59 40.20    0.4
        1.1s      1.18nm
EUR    121.68  28 iPKP       59 36.50   -3.7X
        0.5s      1.60nm
SBB    124.52  33 ePKP       59 55.00    9.4X
GSC    124.58  32 ePKP       59 55.00    9.3X
GLA    127.36  32 ePKP       00 01.00    9.9X
ALQ    129.55  23 ePKP       59 56.70    1.2
        1.0s      7.75nm
RLO    131.68  11 ePKP       00 08.80    9.6X
TUL    131.78  12 ePKP       00 08.80    9.4X
        0.8s      9.60nm
LTX    135.60  24 ePKP       00 10.30    3.3X
        1.2s      2.03nm
JCT    135.92  19 ePKP       00 10.00    2.5X

SJG    145.24 327 ePKP       00 24.00   -0.4
IIC    145.92  25 ePKP       00 30.00    4.1X
OXM    146.16  26 ePKP       00 27.00    0.7
IIP    146.44  24 ePKP       00 30.00    3.2X
TPM    146.70  25 ePKP       00 27.00    0.0
III    147.07  26 ePKP       00 30.00    2.4
PIO    149.41  25 ePKP       00 41.00    9.9X
CAR    151.76 320 ePKP       00 46.00   11.1X
CCH    160.85 250 ePKP       00 48.00    1.6
LPB    162.88 251 PKPc       00 50.80    2.2
       S.D. = 1.0  on 134 of 160 obs.

&  APR 04, 1985  09h 47m 20.58s
   62.283 N              150.973 W
   DEPTH =  95.2km
  CENTRAL ALASKA                         (  1)
        <AGS-P>.

MSE      1.04 114 eP         47 40.42   -1.2
GHO      1.09 117 eP         47 41.15   -0.9
                  iS         47 57.64
CGLM     1.10 207 iP         47 41.57   -0.6
                  iS         47 56.81
PLRM     1.11 128 eP         47 41.01   -1.2
                  eS         47 57.64
PME      1.13 125 eP         47 41.73   -0.7
CRP      1.16 209 eP         47 42.87   -0.1
SPU      1.22 205 eP         47 42.48   -1.1
                  eS         47 59.52
PMS      1.24 147 eP         47 42.81   -1.0
                  iS         48 00.76
SML      1.33 110 iP         47 44.03   -0.9
KNK      1.48 125 eP         47 45.98   -0.8
NKA      1.55 185 eP         47 49.12    1.5
PTE      1.70 146 eP         47 48.33   -1.2
                  iS         48 09.85
SCM      1.78 103 eP         47 49.70   -0.9
SLKM     1.82 168 eP         47 51.28    0.2
RDT      1.85 203 eP         47 51.32   -0.2
MPA      1.96 156 eP         47 51.79   -1.1
TOA      2.26  92 eP         47 56.69   -0.3
ILM      2.29 204 eP         47 57.45    0.1
SEW      2.31 161 eP         47 58.64    1.1
GLI      2.33 125 eP         47 56.55   -1.3
TTA      2.42 288 eP         47 57.90   -1.3
VZW      2.44 118 eP         47 58.53   -0.9
VLZ      2.49 116 eP         47 58.14   -1.9
SVW      2.51 244 eP         48 00.03   -0.3
KLU      2.52 106 iP         47 58.97   -1.6
BRLK     2.53 179 eP         48 01.68    1.1
FID      2.65 124 eP         48 00.24   -2.0
KMP      2.92 103 eP         48 04.28   -1.7
FBA      2.99  27 eP         48 05.78   -1.0
       29 obs. associated

   APR 04, 1985  10h 28m 21.31± 0.52s
   20.750 S ± 5.8km   67.247 W ± 6.4km
   DEPTH = 201.4 ±  5.3 km
   4.9mb ( 19 obs.)
  SOUTHERN BOLIVIA                        (125)

YJA      2.15 131 iPd        29 03.00    0.6
                  (S)        29 29.80
CCH      3.51  17 Pd         29 20.30    2.4
LPB      4.27 349 iP+        29 29.70    2.1
SLA      4.28 158 iPd        29 27.10   -0.2
                  S          30 19.00
ZOBO     4.53 349 iP         29 32.70    1.7
FSA      5.43 168 iPc        29 41.80    0.0
ARE      5.86 316 iPc        29 45.00   -2.9
                  iS         30 48.00
VCA      8.00 186 ePd        30 13.60   -2.2
TCA     10.81 168 ePd        30 47.60   -4.4X
                  S          32 44.00
ITB1    12.48 110 e(P)       31 13.50    0.2
NNA     12.67 312 eP         31 14.30   -1.5
         0.8s     63.43nm            5.1mb
                  e          31 20.50
                  eS         33 27.20
ITB     12.68 111 e(P)       31 15.50   -0.3
ITB7    12.80 112 e(P)       31 18.10    0.7
RFA     14.01 184 ePd        31 29.00   -3.5X
VAO     18.95 101 iP         32 27.90   -1.7
                  i          32 33.00
BAO     18.98  78 P          32 29.80   -0.2
PSO     23.94 334 eP         33 20.50    1.5
BOG     26.09 344 eP         33 38.50   -0.2
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SOB1 27.87 70 eP 33 53.10 -1.4
0.6s 52.90nm 5.4mb
i 34 06.30
GUV 28.67 9 iPc 33 42.70 -18.9X
0.4s 25.00nm
SDV 29.64 353 e(P) 34 09.10 -1.2
ITR 30.25 71 eP 34 13.90 -1.7
e 34 35.60
BIM 35.57 10 eP 35 00.09 -1.1
MVM 35.63 11 eP 35 00.83 -0.9
FDF 35.77 10 eP 35 01.83 -1.0
CRM 35.83 11 eP 35 02.80 -0.5
SJG 38.64 2 iPd 35 24.90 -1.9
PRM 56.40 345 eP 37 42.00 -1.9
JCT 59.78 327 iP 38 06.80 -0.7
1.0s 30.00nm 5.0mb
i 38 52.00
LTX 60.93 324 iP 38 14.80 -0.5
0.6s 6.59nm 4.5mb
FVM 62.35 339 iP 38 23.20 -1.3
0.5s 112.67nm 5.9mb X
RLO 62.41 335 ePd 38 24.00 -0.9
TUL 62.50 334 ePd 38 24.60 -0.9
1.0s 29.70nm 5.1mb
OCO 62.88 333 e(P) 38 26.70 -1.3
RSNY 65.32 354 eP 38 43.40 -0.2
0.7s 21.59nm 5.1mb
MNT 66.19 355 iP 38 48.40 -0.7
OTT 66.27 353 eP 38 49.00 -0.7
ALQ 66.74 326 eP 38 52.70 -0.4
1.0s 20.00nm 4.8mb
e 39 21.00
KIC 67.00 73 e(P) 38 53.80 -1.1
SPA 69.38 180 iPd 39 09.70 0.7
0.8s 20.83nm 4.9mb
GOL 69.88 330 eP 39 12.60 0.1
0.7s 5.58nm 4.4mb
GLA 70.18 319 eP 39 15.00 0.9
RMU 70.76 324 eP 39 19.10 1.4
LHC 71.62 345 eP 39 21.50 -0.8
TPC 71.64 319 eP 39 24.00 1.1
PLM 71.65 318 eP 39 23.00 -0.1
RVR 72.39 318 eP 39 28.00 0.8
RSSD 72.81 333 eP 39 28.30 -1.4
0.9s 19.75nm 4.8mb
GSC 72.90 319 eP 39 31.00 0.7
MWC 72.97 318 eP 39 31.00 0.2
PAS 72.99 318 eP 39 29.00 -1.7
SBB 73.13 318 eP 39 32.00 0.4
CLC 73.73 319 eP 39 36.00 1.0
BDW 74.27 329 eP 39 38.30 0.1
0.7s 5.94nm 4.4mb
RSON 75.01 343 iP 39 41.50 -0.5
0.6s 15.26nm 4.9mb
EUR 75.24 323 iP 39 45.00 1.2
0.2s 11.16nm 5.2mb
SCH 75.26 0 ePd 39 43.00 -0.2
MNA 75.79 321 ePd 39 47.90 1.1
PRI 75.84 318 eP 39 48.30 1.2
LLA 76.31 318 eP 39 50.50 0.9
BMN 76.59 323 eP 39 50.10 -1.1
1.0s 3.25nm 4.0mb
JAS1 76.82 319 iPd 39 53.20 0.9
MHC 77.20 318 eP 39 56.00 1.4
GCC 77.23 318 eP 39 55.70 1.1
LRM 77.91 330 eP 39 59.60 1.1
ORV 78.50 320 ePd 40 02.60 1.0
MIN 79 06 321 eP 40 04.60 -0.2
WDC 79.77 320 iPd 40 07.80 -0.5
SES 80 69 333 iPd 40 13.10 0.1
FFC 80.83 340 iPd 40 13.60 0.0
0.9s 22.00nm 4.9mb
NEW 81.89 329 eP 40 19.00 -0.3
EDM 83.75 334 iPd 40 28.00 -0.7
PNT 83.82 329 eP 40 30.00 1.0
0.8s 14.00nm 4.7mb
FRB 84.22 359 eP 40 30.00 -0.6
TOL 84.27 44 eP 40 34.00 2.5
BNG 87.63 84 iPd 40 51.10 2.6
1.0s 7.90nm 4.5mb
BUL 88.24 111 iPd 40 53.20 1.7
0.6s 7.67nm 4.7mb
i 52 54.30
YKC 90.95 340 iPd 41 03.50 0.6
0.9s 45.00nm 5.5mb
YKA 91.01 340 eP 41 04.20 1.0
ASPA 131.28 206 ePKP 47 11.00 -0.6

WRA 134.37 209 PKP 47 06.00 -11.5X
0.5s 1.00nm
MTN 142.04 210 ePKP 47 26.00 -5.7X
GBA 145.57 96 PKPc 47 37.50 -0.2
0.7s 14.40nm
HYB 147.55 90 ePKP 47 41.50 0.6
e 48 36.50
MAT 152.79 311 ePKP 47 56.00 7.7X
0.7s 22.60nm
KKN 154.03 69 ePKP 47 51.50 1.0
0.7s 8.00nm
PKI 154.18 69 ePKP 47 51.80 0.9
S.D. = 1.2 on 81 of 87 obs.

* APR 04, 1985 11h 03m 58.26± 1.02s
9.590 N ±10.7km 62.720 W ±12.1km
DEPTH = 33.0km (normal)
NEAR COAST OF VENEZUELA (97)

GUV 1.81 192 iPnc 04 26.90 -0.7
0.3s 82.70nm
CAR 4.24 283 eP 05 02.00 -0.3
0.5s 30.99nm
BIM 5.16 18 eP 05 14.80 -0.4
MVM 5.25 20 eP 05 16.84 0.3
FDF 5.34 17 eP 05 17.04 -0.7
S 06 12.90
CRM 5.43 19 eP 05 19.30 0.3
MLG 6.51 9 eP 05 33.00 -1.3
TOV 6.98 272 eP 05 39.00 -1.9
SDV 7.84 266 eP 05 54.70 1.5
BOG 12.29 247 eP 07 00.00 5.7X
YKA 64.58 336 eP 14 36.40 2.1
MBC 73.11 348 eP 15 28.00 1.2
S.D. = 1.4 on 11 of 12 obs.

* APR 04, 1985 11h 06m 42.18± 1.19s
42.782 N ±13.0km 24.022 E ± 7.8km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

VTS 0.63 254 iPgc 06 54.00 -0.9
iSg 07 02.00
PLD 0.84 143 eP 06 58.00 -0.5
PVL 0.92 66 eP 07 00.00 0.3
KDZ 1.51 139 iP 07 09.00 -0.2
VAY 1.82 217 ePn 07 15.00 1.3
S.D. = 1.2 on 5 of 5 obs.

? APR 04, 1985 12h 07m 49.36±16.16s
16.278 N ±150.km 98.604 W ±58.3km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF GUERRERO, MEXICO (58)

PIO 0.47 76 iP 07 58.50 -0.5
iS 08 03.50
VHO 2.03 62 iP 08 25.00 0.8
iS 08 46.00
III 2.24 339 iP 08 26.00 -1.3
iS 08 55.00
TPM 2.73 351 iP 08 34.00 -0.1
OXM 3.18 341 eP 08 42.00 1.4
S.D. = 1.5 on 5 of 5 obs.

? APR 04, 1985 12h 11m 15.43± 3.01s
43.080 N ±23.2km 26.967 E ±17.2km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

JMB 0.67 205 iPc 11 28.00 -0.8
eSg 11 39.00
PVL 1.32 274 iPd 11 39.00 -0.7
DMK 1.39 155 ePn 11 40.80 0.0
KDZ 1.87 220 iP 11 48.00 0.2
PLD 1.94 241 eP 11 50.00 1.3
MLR 2.52 343 eP 12 05.00 7.8X
VTS 2.81 261 iP 12 05.00 3.0X
S.D. = 1.2 on 5 of 7 obs.

? APR 04, 1985 12h 23m 40.20± 1.99s
21.828 S ±13.1km 68.109 W ±24.7km
DEPTH = 150.0 ± 13.2 km
CHILE-BOLIVIA BORDER REGION (124)

YJA 2.44 98 iPc 24 22.00 0.5
S 24 48 00
SLA 3.76 141 ePd 24 38.00 -0.1

CCH 4.80 23 iP 24 52.00 0 0
LPB 5.27 0 eP 24 52.00 -6.5X
(S) 25 29.00
VAO 19.58 97 e(P) 27 59.00 0.1
KIC 68.08 73 eP 34 25.30 -0.7
YKA 91.74 340 eP 36 31.70 0.4
S.D. = 0.7 on 6 of 7 obs.

APR 04, 1985 13h 57m 29.12± 1.04s
14.491 N ± 9.3km 92.289 W ± 6.5km
DEPTH = 89.7 ± 9.6 km
4.9mb (11 obs.)
NEAR COAST OF CHIAPAS, MEXICO (69)

COM 1.76 5 iP 58 07.00 8.2X
iS 58 30.00
PBJ 3.57 303 iP 58 16.00 -7.4X
iS 58 52.00
VHO 5.07 303 iP 58 40.00 -4.4X
i 59 31.00
PIO 5.94 289 iP 58 51.00 -5.2X
TPM 7.88 305 iP 59 23.00 -0.1
i 00 35.00
III 7.90 300 iP 59 21.00 -2.4
i 00 57.00
IIP 7.97 308 eP 59 25.00 0.5
IIC 8.48 309 iP 59 30.00 -1.5
OXM 8.54 305 iP 59 32.00 -0.4
i 01 16.00
GCM 11.48 64 P 00 12.40 0.8
UPA 13.63 112 eP 00 40.50 0.5
1.0s 54.00nm 4.9mb
HKT 15.73 349 iP 01 07.00 0.3
ATX 16.57 343 eP 01 18.00 0.7
S 04 10.00
JCT 17.35 338 eP 01 26.50 -0.5
1.0s 25.50nm 4.4mb
LTX 18.13 326 eP 01 37.50 0.8
1.5s 119.43nm 4.9mb
BHO 19.94 354 eP 01 55.00 -1.3
OLY 20.94 2 P 02 10.00 3.5X
OCO 21.46 348 e(P) 01 55.80 -15.9X
PRM 21.48 23 P 02 13.50 1.6
UAV 21.52 103 eP 02 13.20 0.5
TUL 21.56 352 eP 02 13.80 1.1
0.7s 46.50nm 4.9mb
RLO 21.72 354 eP 02 13.70 -0.7
SDV 21.92 102 e(P) 02 17.20 0.6
TOV 22.48 99 eP 02 30.70 8.7X
GFM 23.49 22 P 02 32.00 0.2
ALQ 24.04 330 eP 02 36.50 -0.6
1.0s 24.25nm 4.6mb
GLA 27.59 316 eP 03 11.00 1.1
TPC 29.03 316 eP 03 24.00 1.1
PLM 29.15 314 eP 03 24.00 -0.1
MSU 29.69 327 P 03 30.00 1.1
SDW 30.01 316 P 03 32.40 0.7
GSC 30.24 318 eP 03 35.00 1.3
MWC 30.46 315 eP 03 36.00 0.3
CLC 31.07 318 eP 03 41.00 0 1
BDW 31.87 336 eP 93 47.20 -0.9
0.9s 2.05nm 3.9mb
EUR 32.44 325 iP 03 54.20 1.2
0.2s 23.72nm 5.6mb
MNA 33.03 321 P 03 59.80 1.7
BMN 33.79 325 P 04 06.00 1.4
1.0s 21.25nm 5.0mb
LRM 35.55 336 eP 04 20.80 1.1
NEW 39.43 334 eP 04 52.00 0.1
PNT 41.31 333 iPd 05 08.80 1.5
0.8s 43.00nm 5.3mb
EDM 42.08 341 eP 05 13.50 -0.1
PGC 42.63 330 eP 05 18.00 0.0
SCH 44.87 21 eP 05 34.00 -2.1
YKC 50.44 347 ePd 06 08.50 -10.8X
0.9s 30.00nm
YKA 50.49 347 eP 06 19.40 -0.2
FRB 51.90 13 eP 06 28.00 -2.3
SOB1 56.14 112 eP 07 01.80 -0.3
VAO 57.93 129 e(P) 07 15.00 0 4
ITR 58.20 110 eP 07 16.40 -0.2
INK 59.88 344 eP 07 27.00 -0.4
0.7s 20.00nm 5.4mb
MBC 63.39 353 eP 07 50.00 -0.8
DAG 72.23 13 eP 08 44.00 -1.9
EKA 77.73 36 P 09 16.00 -1.6
0.7s 5.50nm 4.5mb

04d 14h

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WRA   135.24 256 PKP   16 43.00    2.2X
       0.6s     1.20nm
CHTO  145.10 341 ePKP  16 57.00   -1.5
       1.0s     3.00nm
LOE   145.42 336 ePKP  16 58.50   -0.6
HYB   147.03  16 ePKPd 17 04.30    2.6X
       1.0s     25 00nm
                e      17 23.00
GBA   150.29  20 PKPd  17 13.30    6.5X
       0.8s     32.50nm
     S.D. = 1.1  on  48 of  59 obs.

?  APR  04, 1985  14h 41m 34.42± 1.56s
    0.441 S ±11.2km  122.982 E ±12.6km
   DEPTH =  85.3 ± 25.4 km
   4.0mb (  1 obs.)
 MINAHASSA PENINSULA                (265)

MKS     5.90 216 iPc   43 01.50    0.4
AAI     6.13 122 iPc   43 03.40   -0.8
PLP    11.70  10 eP    44 20.50    0.5
MTN    14.74 147 eP    45 03.00    3.2X
WRA    22.35 151 Pd    46 27.10    0.7
       1.0s     7.50nm          4.0mb
PSI    24.25 278 eP    46 44.00   -0.9
HYB    47.20 294 eP    50 14.00   13.2X
     S.D = 1.5  on   5 of   7 obs.

?  APR  04, 1985  15h 02m 29.23± 3.74s
   14.009 N ±62.5km   93.159 W ±22.6km
   DEPTH =  33.0km  (normal)
   4.5mb (  2 obs.)
 NEAR COAST OF CHIAPAS, MEXICO    ( 69)

PBJ     3.25 318 iP    03 18.00   -1.0
                iS    03 52.00
VHO     4.71 313 iP    03 39.00   -1.0
                iS    04 30.00
PIO     5.35 297 eP    03 49.50    0.6
III     7.46 306 eP    04 21.00    2.3X
                iS    05 47.50
TPM     7.52 312 iP    04 23.00    3.5X
YKC    50.72 347 iPc   11 28.50    0.9
       0.7s     9.00nm          4.9mb
YKA    50.76 347 eP    11 29.20    1.3
INK    60.10 344 eP    12 36.00    0.7
MBC    63.77 353 eP    13 01.00    1.2
NB2    84.67  28 P     14 58.20   -2.6
       0.6s     0.90nm          4.1mb
GBA   151.03  19 PKP   22 25.00    9.8X
       0.2s     2.30nm
     S.D. = 1.6  on   8 of  11 obs.

*  APR  04, 1985  15h 09m 55.44± 0.88s
    9.107 S ±16.5km  157.516 E ± 8.3km
   DEPTH =  33.0km  (normal)
   3.6mb (  1 obs.)
 SOLOMON ISLANDS                    (193)

VSG     2.17  94 eP    10 30.00    0.0
SVO     2.27  91 P     10 32.00    0.6
                eS    11 15.00
HNR     2.42  98 eP    10 33.00   -0.6
                eS    11 20.00
PAA     3.44 324 eP    10 48.00   -0.1
                eS    11 37.00
WRA    24.85 242 Pd    15 16.60    0.1
       0.6s     1.00nm          3.6mb
     S.D. = 0.6  on   5 of   5 obs.

*  APR  04, 1985  16h 13m 34.21± 1.17s
   17.091 N ±18.8km   62.185 W ±21.0km
   DEPTH =  33.0km  (normal)
 LEEWARD ISLANDS                    ( 92)

FDF     2.55 157 eP    14 14.20    0.0
CRM     2.63 152 eP    14 15.80    0.6
MVM     2.81 154 eP    14 17.20   -0.6
SJG     3.92 286 iPd   14 33.60    0.0
YKA    58.03 334 eP    23 26.00    0.0
     S.D = 0.6  on   5 of   5 obs

?  APR  04, 1985  16h 30m 36.76± 2.45s
   16.281 N ±16.3km   95.456 W ±21.6km
   DEPTH =  46.6 ± 22.9 km
   4.6mb (  6 obs.)
 OAXACA, MEXICO                     ( 60)

VHO     1.55 308 iP    31 01.00   -1.5
                iS    31 18.00
COM     3.20  90 iP    31 39.00   13.1X
III     4.36 299 iP    31 41.00   -1.5
TPM     4.36 309 iP    31 43.50    1.0
TAC     4.73 312 eP    31 48.00    0.4
IIC     5.01 314 eP    31 56.00    4.3X
OXM     5.03 307 iP    31 53.00    1.1
JCT    14.68 345 eP    34 05.00    1.7
       1.0s    17.50nm          4.4mb
LTX    15.03 331 eP    34 08.10    0.3
BHO    18.03   2 e(P)  34 48.50    2.9X
TUL    19.55 359 eP    35 03.00   -0.6
       0.8s    54.10nm          4.9mb
RLO    19.81   1 eP    35 05.70   -0.6
ALQ    21.04 334 eP    35 20.00    0.8
PSO    23.32 128 eP    35 47.50    5.3X
BOG    23.98 117 eP    35 57.00    8.5X
GLA    24.19 317 eP    36 03.00   12.9X
PLM    25.73 315 eP    36 16.00   11.1X
RVR    26.45 316 eP    36 23.00   11.7X
CLC    27.71 319 eP    36 30.00    7.2X
BMN    30.59 326 eP    36 49.20    0.6
LHC    32.45   8 eP    37 02.00   -2.6
FFC    38.70 354 eP    37 58.00    0.3
YKC    48.05 348 eP    39 13.00   -0.2
       0.7s     7.00nm          4.8mb
YKA    48.09 348 eP    39 13.90    0.4
FRB    50.92  15 eP    39 35.00   -0.1
BAO    56.57 122 e(P)  40 18.00    0.4
INK    57.32 344 eP    40 21.00   -1.0
MBC    61.27 354 eP    40 49.00   -0.2
DAG    71.21  14 iPc   41 52.30   -0.2
       0.5s     4.93nm          4.7mb
EKA    78.07  36 P     42 34.00    1.9
       1.0s     5.10nm          4.5mb
NB2    83.73  28 P     43 01.40   -0.5
       1.0s     3.60nm          4.4mb
     S.D. = 1.1  on  22 of  31 obs.

*  APR  04, 1985  16h 37m 05.99± 1.75s
   35.511 N ± 9.0km  140.333 E ±17.2km
   DEPTH =  33.0km  (normal)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

KYS     0.35 206 eP    37 14.50    0.1
TSK     0.72 346 eP    37 19.50   -0.2
SRY     0.87 277 eP    37 21.30   -0.5
OYM     0.89 264 eP    37 22.10   -0.1
DDR     1.05 298 eP    37 24.90    0.5
                e      37 40.90
MAT     2.01 301 iPc   37 38.50    0.3
                eS    38 02.00
     S.D. = 0.5  on   6 of   6 obs.

   APR  04, 1985  17h 32m 42.21± 0.58s
   37.982 S ± 5.8km  177.498 E ± 6.6km
   DEPTH =  69.0 ±  5.5 km
   5.2mb (  9 obs.)
 OFF E. COAST OF N. ISLAND, N.Z.    (160)

TUA     0.87 198 P     33 01.70    2.4
                S     33 19.00
ECZ     0.88  71 P     32 59.00   -0.4
KRP     1.55 272 P     33 08.70    0.5
                S     33 29.50
TNZ     2.72 243 P     33 28.00    3.5X
                S     34 29.00
MNG     3.06 210 P     33 29.00   -0.2
                S     34 10.00
ONE     3.34 310 P     33 33.00   -0.1
                S     34 13.60
WEL     3.92 212 P     33 40.00   -1.1
                S     34 26.00
COB     4.81 228 P     33 54.00    0.2
                S     34 53.00
CRZ     5.26 311 P     33 59.00   -1.1
KKZ     6.15 207 P     34 00.00  -12.5X
                S     34 55.00
CIZ     7.47 145 iP    34 30.50   -0.1
                S     35 50.50
TMP     8.42 219 P     34 42.00   -1.9
                S     36 12 00
OMZ     8.63 213 P     34 43 30   -3.4X
                eS    36 17 50
NOU    18.28 326 iPc   36 53.00    0.3
KOU    20.80 323 iPc   37 19.30   -0.6

COO    22.37 282 eP    37 40.00    4.4X
TAU    23.42 248 eP    37 49.00    3.4X
YOU    23.76 270 eP    37 53.40    4.3X
CMS    26.74 274 iPc   38 20.10    3.1X
       0.7s    39.00nm          5.1mb
STK    29.93 271 eP    38 48.00    2.2
CTA    32.41 295 iPd   39 08.20    0.6
       0.7s    17.12nm          5.0mb
CTAO   32.41 295 eP    39 08.20    0.6
       0.7s    17.12nm          5.0mb
ASPA   39.71 278 iPd   40 10.10    0.6
       0.9s    41.00nm          5.3mb
WRA    41.40 283 Pd    40 23.00   -0.4
       0.7s    41.50nm          5.3mb
WBN    44.25 270 eP    40 47.00    0.4
KLG    46.21 261 eP    41 02.50    0.4
KNA    48.15 284 eP    41 17.00   -0.3
NWAO   48.61 257 iPd   41 20.80    0.0
MUN    49.79 257 iPc   41 29.20   -0.6
MEK    50.36 265 eP    41 34.00   -0.3
       0.5s    16.00nm          5.3mb
MRWA   51.16 261 eP    41 40.00   -0.3
MBL    52.09 272 eP    41 46.00   -1.4
SPA    52.21 180 e(P)  41 52.30    4.3X
NAU    54.79 268 eP    42 07.00   -0.3
TRT    65.53 280 ePd   43 22.00    1.4
       0.8s    62.50nm          5.6mb
PSI    82.66 279 ePd   44 58.50   -1.1
       0.7s    19.40nm          5.2mb
CHTO   92.75 292 eP    45 48.10    0.0
       1.0s     4.00nm          4.8mb
YKA   113.87  28 ePKP  51 13.20   -0.5
FRB   133.76  34 ePKP  51 49.00   -2.7X
KEV   144.48 343 iPKP  52 11.50    0.5
       0.7s    14.70nm
SOD   146.33 340 ePKP  52 05.00   -9.2X
KJF   148.20 335 ePKP  52 18.00    0.8
       0.7s    20.00nm
                i     52 22.20
KIC   148.46 176 e(PKP)52 23.60    4.4X
SUF   149.70 334 iPKP  52 21.80    2.2X
       0.5s     8.80nm
NUR   151.70 332 iPKP  52 27.00    4.3X
       0.6s    15.60nm
UPP   154.62 336 iPKP  52 48.60   21.9X
     S.D. = 1.0  on  32 of  46 obs.

*  APR  04, 1985  18h 06m 09.53± 1.05s
   30.936 S ± 9.2km   70.903 W ±13.8km
   DEPTH = 142.8 ± 23.5 km
 CHILE-ARGENTINA BORDER REGION      (127)

RTCB    1.88 107 iPd   06 43.30   -0.1
ZON     2.00 108 eP    06 45.00    0.3
RTLL    2.12 101 iPd   06 45.70   -0.5
PEL     2.21 175 iPd   06 47.10   -0.1
                iS    07 12.50
CFA     2.38 107 ePd   06 49.80    0.5
                S     07 23.10
MDZ     2.61 139 e(P)  06 54.50    2.2X
LNV     3.04 188 iPc   06 57.10   -0.6
                iS    07 27.60
VCA     3.21  48 ePd   07 00.80    0.7
                S     07 39.00
RFA     4.34 152 ePd   07 15.80    0.9
CYA     5.09  62 iPc   07 23.50   -1.5
TCA     5.43  96 iPd   07 29.30   -0.2
                S     08 26.80
FSA     6.47  43 e(P)  07 43.00   -0.5
ANT     7.22   4 e(P)  07 59.00    5.4X
                i     08 02.00
                e(S)  09 27.00
                i     09 31.00
SLA     7.82  39 ePd   08 02.80    0.9
YJA     9.98  30 e(P)  08 31.00    0.1
     S.D. = 0.8  on  13 of  15 obs.

*  APR  04, 1985  18h 14m 16.55± 1.03s
   33.503 S ± 9.2km   70.832 W ±11.6km
   DEPTH =  52.2 ± 21.0 km
 CHILE-ARGENTINA BORDER REGION      (127)

PEL     0.38  19 iPd   14 27.50    0.7
                iS    14 43.10
LNV     0.66 227 iPd   14 29.50   -0.5
                iS    14 44.70
MDZ     1.77  70 i(P)  14 24.00  -21.4X
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RFA      2 33 123 e(P)   14 53.70    0.4
RTCB     2.64   41 ePd   14 56.50   -1.2
                  S      15 36.40
ZON      2.67   44 eP    14 58.00    0.0
RTLL     2.95   43 ePc   15 01.00   -1.1
                  (S)    15 44.40
VCA      5.26   26 ePd   15 26.80   -7.9X
                  S      16 29.10
TCA      5.70   69 ePd   15 41.60    0.7
                  S      16 52.00
ANT      9.77    2 e(P)  16 38.00    0.9
SLA      9.91   29 e(P)  16 55.00   15.8X
      S.D. = 1.1   on   8 of  11 obs.

&  APR  04, 1985  18h 34m 41.92s
   59.802 N          152.782 W
   DEPTH =  84.6km
 SOUTHERN ALASKA                    (  2)
      <AGS-P>.

ILM      0.38 357 iP     34 54.87   -0.6
                  iS     35 05.44
AUH      0.55 218 eP     34 56.15   -0.7
PDB      0.71 269 iP     34 57.51   -0.8
                  eS     35 09.96
RDT      0.80   13 iP     34 58.52   -0.8
                  eS     35 12.23
BRLK     0.96   91 iP     35 00.03   -1.1
                  iS     35 14.73
NKA      1.22   39 iP     35 05.22    1.1
SPU      1.43   14 iP     35 06.35   -0.6
SLKM     1.46   60 eP     35 06.09   -1.3
CRP      1.50   12 iP     35 07.47   -0.5
CGLM     1.56   14 iP     35 08.10   -0.6
SEW      1.70   78 eP     35 09.05   -1.4
MPA      1.85   67 eP     35 11.03   -1.3
SVW      1.92  314 iP     35 12.18   -1.3
KDC      2.07  176 eP     35 12.60   -2.7
PMS      2.15   46 eP     35 15.71   -0.9
PTE      2.15   59 eP     35 14.79   -1.7
PWA      2.34   36 iP     35 18.35   -0.7
PLRM     2.54   43 iP     35 20.27   -1.5
PME      2.60   44 eP     35 21.07   -1.6
KNK      2.68   51 eP     35 21.89   -1.9
GHO      2.74   42 eP     35 22.76   -1.9
SML      2.97   45 eP     35 25.56   -2.2
GLI      3.03   67 eP     35 25.08   -3.5
TTV      3.08   63 eP     35 26.44   -2.8
HIN      3.20   77 eP     35 28.18   -2.8
FID      3.28   70 eP     35 28.13   -3.9
VZW      3.34   65 eP     35 29.81   -3.1
SCM      3.36   50 eP     35 31.01   -2.2
VLZ      3.46   65 eP     35 31.53   -3.0
TTA      3.50  335 eP     35 33.33   -1.9
KLU      3.78   60 iP     35 36.23   -2.8
SGAM     3.85   76 eP     35 36.54   -3.4
TOA      3.97   52 eP     35 39.51   -2.1
KMP      4.18   62 eP     35 41.59   -3.1
YKA     18.43   65 eP     38 49.60   -3.2
      35 obs. associated

   APR  04, 1985  18h 38m 18.17± 2.94s
   18.164 N ±78.0km   66.062 W ±15.2km
   DEPTH =  33.0km  (normal)
 PUERTO RICO REGION                 ( 90)
      Felt south of Coyey.

SJG      0.10 238 iPc    38 24.00    0.0
BPA      4.16 105 eP     39 21.00    0.0
MLG      4.66 116 eP     39 28.00   -0.1
SEG      4.69 111 eP     39 40.00   11.5X
PAG      4.70 116 eP     39 28.50   -0.2
MGG      5.06 115 eP     39 34.00    0.3
CAR      7.66 186 eP     39 20.00  -50.4X
      S.D. = 0.2   on   5 of   7 obs.

   APR  04, 1985  18h 51m 36.09± 0.62s
   31.286 S ± 6.9km   67.906 W ± 6.7km
   DEPTH =  10.0km  (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA       (137)

RTLL     0.48 265 iPd    51 45.40   -0.5
RTCB     0.79 255 iPd    51 51.30   -0.2
MDZ      1.78 206 iP     52 11.90    4.7X
                  iS     52 35.00
VCA      2.55 354 ePd    52 20.00    1.7
                  S      52 52.50

TCA      2.84   92 iPc    52 22.80    0.4
PEL      3.00 231 iPc    52 27.60    3.1X
                  i      52 33.60
                  iS     53 10.10
CYA      3.37   33 iPd    52 29.00   -0.9
RFA      3.51 188 ePc    52 31.60   -0.2
                  S      53 28.00
LNV      3.98 227 iPc    52 39.00    0.6
FSA      5.44   18 e(P)   52 59.00   -0.2
SLA      6.87   19 eP     53 18.80   -0.7
LPB     14.69 359 eP     55 19.00   12.8X
      S.D. = 0.9   on   9 of  12 obs.

   APR  04, 1985  19h 05m 54.98± 0.76s
   40.664 N ± 8.0km   28.507 E ± 6.4km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                             (366)

CTT      0.49 353 iPg    06 04.60   -0.3
                  iSg    06 12.50
ISK      0.58   46 iPg    06 07.00    0.3
                  iSg    06 16.50
EDC      0.58 237 ePg    06 05.20   -1.6
                  iSg    06 14.20
YLV      0.67   98 iPg    06 08.20   -0.1
                  iSg    06 19.00
MFT      0.94 278 iPg    06 06.70   -6.3X
                  iSg    06 13.60
KGT      0.94 257 iPn    06 12.30   -0.6
DMK      1.29 334 iPn    06 18.80    0.0
GPA      1.43 105 iPn    06 20.70   -0.2
EZN      1.87 244 ePn    06 29.80    2.6
      S.D. = 1.4   on   8 of   9 obs.

?  APR  04, 1985  19h 06m 52.82± 2.89s
   66.208 N ±32.1km  149.978 W ±14.7km
   DEPTH =  10.0km  (geophysicist)
 ALASKA                             (676)

IMA      1.51 266 eP     07 20.20    0.1
COL      1.60 144 eP     07 21.00   -0.2
FBA      1.60 144 eP     07 20.60   -0.6
TTA      4.20 221 eP     07 58.00   -0.3
TOA      4.44 156 eP     08 02.70    0.9
      S.D. = 0.8   on   5 of   5 obs.

*  APR  04, 1985  19h 32m 33.11± 1.16s
   23.671 S ±15.8km  169.941 E ±24.2km
   DEPTH =  33.0km  (normal)
   4.2mb (  1 obs.)
 LOYALTY ISLANDS REGION             (189)

NOU      3.49 292 iPd    33 26.50    0.1
                  iS     34 04.50
KOU      6.09 299 iPc    34 02.00   -1.2
                  iS     35 11.30
KRP     14.99 163 P      36 09.80    5.6X
HNR     17.08 324 eP     36 31.00   -0.1
                  eS     37 18.00
SVO     17.39 324 eP     36 37.00    2.1
MNG     17.53 166 e(P)   36 36.00   -0.6
TCW     17.87 169 P      36 41.30    0.6
MSZ     21.01 184 eP     37 17.00    0.9
ASPA    32.95 263 eP     39 11.00    3.9X
WRA     33.21 269 P      39 13.00    3.7X
        0.5s     1.50nm          4.2mb
MBL     46.20 263 eP     41 06.50    9.5X
KLB     46.54 248 iPc    41 21.20   21.7X
SBA     54.26 181 eP     41 52.50   -5.2X
SPA     66.47 180 e(P)   43 31.40   10.0X
JOS    145.39 323 ePKP   52 07.00   -2.1
BNG    146.43 240 iPKPc  52 12.20    0.3
        1.0s     7.90nm
BRG    147.09 332 ePKP   52 20.40    8.6X
        1.2s    13.00nm
                  e      52 35.40
CLL    147.17 333 ePKP   52 21.00    9.1X
PRU    147.46 330 ePKP   52 19.00    6.6X
SKO    148.10 313 e(PKP) 52 07.80   -5.9X
KHC    148.51 330 ePKP   52 22.50    8.3X
                  e      52 31.00
LJU    150.13 324 ePKP   52 29.30   12.6X
      S.D. = 1.4   on   9 of  22 obs.

*  APR  04, 1985  20h 21m 45.65± 0.78s
   37.238 N ±11.5km   71.028 E ±11.3km
   DEPTH =  33.0km  (normal)

   4.0mb (  3 obs.)
 AFGHANISTAN-USSR BORDER REGION     (717)

QUE      7.81 207 eP     23 40.00    0.0
                  eS     24 59.00
KKN     15.26 124 eP     25 20.60    0.1
        0.5s     3.00nm          3.8mb
PKI     15.49 124 eP     25 23.50   -0.1
HFS     42.50 321 eP     29 39.30    0.2
        0.5s     2.20nm          4.1mb
      Z 13s      0.22um          4.2MszX
                  LR     47 35.00
NB2     43.81 323 P      29 49.60   -0.2
        0.5s     1.30nm          4.0mb
      S.D. = 0.2   on   5 of   5 obs.

&  APR  04, 1985  21h 35m 57.64s
   59.830 N          152.952 W
   DEPTH =  91.6km
 SOUTHERN ALASKA                    (  2)
      <AGS-P>.

ILM      0.36   11 iP     36 11.33   -0.5
                  iS     36 22.25
PDB      0.63 267 eP     36 12.99   -0.9
                  iS     36 25.27
RDT      0.79   20 eP     36 15.03   -0.5
BRLK     1.05   93 iP     36 17.23   -1.1
                  iS     36 32.92
NKA      1.25   42 eP     36 21.63    0.9
SPU      1.43   18 iP     36 22.41   -0.6
CRP      1.49   15 eP     36 23.43   -0.5
SLKM     1.53   62 eP     36 23.32   -0.9
CGLM     1.55   17 iP     36 24.13   -0.5
SEW      1.78   80 eP     36 25.90   -1.6
SVW      1.84  315 iP     36 26.94   -1.4
MPA      1.91   68 eP     36 27.85   -1.4
KDC      2.10  173 eP     36 28.52   -3.2
PMS      2.20   48 eP     36 32.43   -0.7
PTE      2.21   60 iP     36 31.96   -1.3
PWA      2.37   38 eP     36 36.68    1.3
PLRM     2.58   45 eP     36 35.89   -2.3
PME      2.64   45 eP     36 37.60   -1.5
KNK      2.73   52 eP     36 38.70   -1.6
GHO      2.77   44 eP     36 39.40   -1.6
MSE      2.80   42 eP     36 39.26   -2.2
SML      3.01   47 eP     36 41.76   -2.4
GLI      3.10   68 eP     36 42.49   -2.8
FID      3.35   71 eP     36 44.79   -4.1
VZW      3.40   66 eP     36 46.53   -3.1
TTA      3.44  336 eP     36 48.14   -2.0
KLU      3.84   61 eP     36 52.67   -3.0
      27 obs. associated

   APR  04, 1985  21h 45m 40.05± 0.51s
   42.128 N ± 6.0km   25.801 E ± 4.5km
   DEPTH =  10.0km  (geophysicist)
 BULGARIA                           (359)

DIM      0.18 243 iPg    45 43.00   -1.1
                  Sg     45 46.00
KDZ      0.59 215 iPc    45 51.00   -1.0
JMB      0.67   59 iPgd   45 52.00   -1.4
                  iSg    46 01.00
PLD      0.82 269 ePg    45 56.00    0.1
                  iSg    46 06.00
PVL      1.12 336 iPc    46 01.00    0.0
                  iS     46 16.00
DMK      1.49 101 iPn    46 06.80   -0.1
MMB      1.64 252 iPd    46 10.00    0.9
                  iS     46 32.00
MFT      1.74 140 iPn    46 16.50    5.9X
VTS      1.98 285 iPc    46 14.00    0.0
                  iSg    46 44.00
KGT      2.02 145 iPn    46 13.40   -1.2
CGN      2.04   4 eP     46 18.50    3.7X
CTT      2.20 116 ePn    46 19.00    1.8
PSN      2.34   48 iPc    46 24.00    4.9X
EDC      2.36 138 ePn    46 20.20    0.7
VAY      2.55 253 iPn    46 23.00    0.9
TLB      2.95   33 eP     46 31.00    3.3X
ISR      3.06   10 ePc    46 37.00    3.7X
MLR      3.36    2 eP     46 34.00    0.2
CFR      3.50   28 eP     46 44.00    8.5X
CLO      3.66 325 eP     46 40.00    2.1X
VRI      3.80   10 eP     46 33.00   -6.9X
      S.D. = 1.1   on  13 of  21 obs.
```

04d 23h

? APR 04, 1985 23h 17m 30.14± 1.76s
18.539 S ±14.8km 169.471 E ±21.0km
DEPTH = 312.7 ± 12.0 km
4.8mb (3 obs.)
VANUATU ISLANDS (186)

NOU	4.70	217	iPc	18	45.00	-0.2
			iS	20	00.50	
KOU	5.29	247	iPc	18	52.20	0.1
			iS	20	02.00	
HNR	12.93	313	eP	20	25.00	0.1
			eS	20	30.00	
RMO	20.69	244	eP	21	50.00	2.5X
CTA	21.96	262	iPd	22	01.80	1.9X
	1.1s	48.10nm			4.7mb	
WRA	33.16	262	Pd	23	38.80	-1.2
	0.8s	13.20nm			4.5mb	
ASPA	33.52	255	iPd	23	43.70	0.7
	0.7s	101.00nm			5.4mb	
MTN	37.29	273	iPc	24	14.60	-0.1X
WBN	40.25	251	iPd	24	40.00	1.1
MEK	47.45	251	eP	25	36.00	-0.2
PSI	72.49	279	ePd	28	24.60	-0.7
YKA	99.95	27	eP	30	40.60	0.2
BNG	148.32	247	iPKPd	36	41.00	2.9X
	1.1s	9.20nm				
	S.D. = 0.9	on	9 of	13	obs.	

APR 04, 1985 23h 52m 22.91± 0.31s
12.863 N ± 6.4km 91.237 W ± 6.0km
DEPTH = 33.0km (normal)
5 1mb (26 obs.) 4.2Msz (3 obs.)
OFF COAST OF CENTRAL AMERICA (76)

COM	3.48	346	iP	53	25.00	8.8X
			iS	53	58.00	
OXX	6.76	309	eP	54	01.30	-1.3
VHO	6.86	310	iP	54	02.00	-2.0
PIO	7.54	299	iP	54	09.50	-3.8X
ACX	9.24	297	iPd	54	35.10	-1.8
TPM	9.68	310	iP	54	44.00	0.8
TLX	9.93	317	eP	54	48.30	1.6
UPA	12.12	107	P	55	16.00	-0.3
GIE	13.54	176	P	55	35.40	0.3
			S	59	18.00	
HKT	17.53	347	eP	56	25.00	-1.4
PSO	18.01	129	eP	56	35.00	2.1
ATX	18.42	342	eP	56	36.00	-1.4
BOG	18.83	114	eP	56	46.60	3.6X
			eS	00	27.00	
JCT	19.24	337	eP	56	47.00	-0.4
	1.0s	85.00nm			5.0mb	
LTX	20.05	327	iP	56	57.00	0.7
UAV	20.18	100	eP	56	56.20	-1.7
SDV	20.61	99	eP	57	02.30	0.0
	0.5s	57.40nm			5.2mb	
TOV	21.25	96	iPd	57	08.70	0.0
	1.0s	162.90nm			5.4mb	
BHO	21.67	352	ePc	57	11.00	-1.8
OCO	23.26	347	eP	57	27.40	-1.0
TUL	23.31	351	ePc	57	28.00	-0.9
	0.8s	76.60nm			5.3mb	
Z	18s	0.63um			4.1Msz	
RLO	23.45	352	eP	57	28.70	-1.6
CAR	23.92	93	e(P)	57	36.00	0.9
ALQ	25.95	330	eP	57	54.90	0.5
	1.0s	20.25nm			4.7mb	
BLA	26.11	20	eP	57	54.70	-0.9
	1.2s	51.56nm			5.0mb	
Z	20s	0.78um			4.2Msz	
GOL	29.50	338	eP	58	27.00	0.3
TPC	30.91	317	eP	58	40.00	1.0
PLM	31.02	315	eP	58	41.00	0.9
RVR	31.73	316	eP	58	49.00	2.9X
SBB	32.44	317	eP	58	52.00	-0.4
CLC	32.96	318	eP	58	56.00	-0.8
BDW	33.77	335	eP	59	04.30	0.3
EUR	34.35	325	iP	59	10.20	1.1
	0.2s	30.14nm			5.9mb	
RSNY	34.66	21	eP	59	09.30	-2.1
MNA	34.93	322	iPd	59	15.80	1.8
OTT	35.01	19	eP	59	13.00	-1.3
	0.6s	26.00nm			5.3mb	
ARE	35.07	146	eP	59	15.00	-0.5
PRI	35.17	316	eP	59	16.70	0.7
LHC	35.48	2	eP	59	15.50	-2.8X
BMN	35.70	325	iP	59	22.10	1.6
MNT	35.81	21	iPd	59	19.50	-1.6
	0.7s	20.00nm			5.2mb	
JAS1	36.03	319	eP	59	23.80	0.7
MHC	36.49	317	eP	59	28.30	1.1
LRM	37.45	335	ePc	59	36.60	1.3
ORV	37.67	320	eP	59	38.30	1.4
RSON	37.94	357	eP	59	37.00	-2.0
			pP	59	45.00	27kmX
CCH	38.95	140	Pc	59	47.20	-1.0
SES	40.78	341	ePd	00	03.50	0.8
NEW	41.34	334	eP	00	07.00	-0.2
FFC	42.61	351	eP	00	17.00	-0.5
	0.7s	11.00nm			4.7mb	
PNT	43.22	333	ePd	00	23.50	0.9
	0.9s	37.00nm			5.1mb	
EDM	43.94	341	iP	00	28.00	-0.4
TCA	50.85	150	Pc	01	20.30	-2.5
BAO	51.30	122	e(P)	01	24.00	-2.5
			e	01	32.00	
YKC	52.25	347	eP	01	32.50	-0.4
	0.6s	12.00nm			5.0mb	
YKA	52.30	347	eP	01	33.00	-0.2
FRB	53.25	12	eP	01	39.00	-1.3
SOB1	54.60	111	eP	01	53.10	2.2
			e	01	55.80	
VAO	56.11	129	eP	01	59.30	-2.5
			e	02	09.80	
ITR	56.69	110	eP	02	04.40	-1.6
			e	02	08.50	
INK	61.72	343	iPc	02	39.20	-0.8
COL	64.58	337	eP	02	58.00	-0.9
	0.7s	13.01nm			5.1mb	
MBC	65.13	353	eP	03	02.00	-0.3
	0.8s	18.00nm			5.2mb	
ALE	70.62	4	eP	03	36.00	-0.6
	0.8s	6.00nm			4.7mb	
DAG	73.57	13	iPd	03	53.30	-0.8
	0.7s	8.90nm			4.9mb	
EKA	78.45	36	P	04	23.00	1.0
	1.3s	22.70nm			5.0mb	
WIT	84.59	37	eP	04	56.50	2.4
ENN	84.62	39	ePc	04	54.80	0.4
	1.0s	10.00nm			5.0mb	
NB2	84.79	29	P	04	57.00	1.9
	1.1s	11.60nm			5.0mb	
WTS	84.87	38	eP	04	56.50	0.9
	1.0s	13.00nm			5.1mb	
KIC	85.21	85	eP	04	59.40	1.4
GWF	86.13	41	iPc	05	02.40	0.4
HFS	86.23	29	eP	05	01.40	-0.8
	0.8s	3.30nm			4.6mb	
Z	14s	0.27um			4.8MszX	
			LR	38	20.00	
KEV	87.32	18	iP	05	08.00	0.6
	0.6s	19.60nm			5.5mb	
MOX	88.14	38	e(P)	05	12.00	0.3
GRF	88.19	39	eP	05	13.80	1.8
Z	18s	0.10um			4.3Msz	
SOD	88.42	20	iP	05	12.90	0.2
CLL	88.76	37	eP	05	16.00	1.4
OGA	88.92	42	eP	05	16.80	1.0
SAL	88.97	43	eP	05	17.50	1.8
WET	89.39	40	eP	05	19.30	1.6
BRG	89.47	38	eP	05	18.90	0.9
CTI	89.59	43	eP	05	19.00	0.2
KHC	89.83	39	Pd	05	20.60	0.8
	1.0s	10.50nm			5.1mb	
			e	05	27.80	
PRU	90.13	38	eP	05	21.50	0.4
KBA	90.36	41	iP	05	29.80	7.3X
KJF	90.44	23	iP	05	22.90	0.7
	0.7s	13.30nm			5.4mb	
SUF	90.60	24	iP	05	23.40	0.4
	1.0s	13.20nm			5.2mb	
NUR	91.06	26	iP	05	26.90	1.8
	0.8s	11.80nm			5.3mb	
TRI	91.09	43	eP	05	26.90	1.3
MNS	91.44	46	e(P)	05	27.00	-0.2
LJU	91.48	42	eP	05	27.50	0.1
ZST	92.35	39	e(P)	05	32.50	1.2
			i	05	40.00	
ORI	94.91	47	iPd	05	41.00	-2.3
BRT	95.15	46	e(P)	05	44.00	-0.3
CLO	97.20	41	eP	05	55.00	1.4
BUL	122.13	106	iPKPc	11	15.90	-0.9
	0.7s	2.74nm				
HHC	122.54	340	ePKP	11	18.00	1.0
KRI	122.86	102	ePKP	11	17.00	-1.3
MTD	124.74	102	ePKP	11	21.00	-0.9
XAN	129.57	338	ePKP	11	30.40	-0.3
QUE	132.32	26	ePKP	11	37.00	0.8
WRA	135.82	255	PKPc	11	41.80	-1.1
	1.0s	6.00nm				
KKN	139.45	5	ePKP	11	42.20	-7.5X
PKI	139.68	5	ePKP	11	43.20	-7.1X
KMI	139.86	340	ePKP	11	50.00	-0.5
POO	145.51	26	iPKPc	11	59.50	-0.8
CHTO	146.96	342	ePKP	12	02.80	0.2
	0.9s	14.28nm				
			pP	12	11.30	
HYB	148.27	19	ePKP	12	04.00	-0.7
	1.0s	50.00nm				
MBL	149.21	250	ePKP	12	08.50	2.4X
GBA	151.41	24	PKPc	12	09.70	0.2
	1.1s	14.80nm				
PSI	161.54	326	ePKPc	12	22.50	0.3
	S.D. = 1.2	on	103 of	112	obs.	

• APR 05, 1985 00h 07m 21.32± 1.64s
43.961 N ± 8.2km 127.902 W ±18.1km
DEPTH = 10.0km (geophysicist)
4.2mb (3 obs.)
OFF COAST OF OREGON (30)

BFW	4.16	51	eP	08	25.00	-1.4
SHW	4.59	59	eP	08	33.50	1.0
LON	5.12	55	eP	08	40.00	0.1
WDC	5.22	129	eP	08	42.40	1.1
MIN	5.91	126	eP	08	44.50	-6.7X
ORV	6.50	130	eP	08	57.70	-1.7
JAS1	8.27	134	eP	09	22.00	-2.1
NEW	8.64	56	eP	09	27.00	-2.3
BMN	8.68	110	eP	09	31.00	1.1
EUR	9.98	113	eP	09	50.00	2.1
CLC	11.34	132	eP	10	11.00	4.6X
SBB	12.10	137	eP	10	13.00	-3.7X
GSC	12.15	132	eP	10	18.00	0.5
RVR	12.88	137	eP	10	21.00	-6.1X
EDM	13.34	41	ePc	10	34.20	1.0
BDW	13.39	89	eP	10	33.50	-0.6
TPC	13.47	133	eP	10	40.00	5.1X
PLM	13.64	137	eP	10	40.00	2.6X
ALQ	18.81	111	eP	11	47.50	4.2X
	1.1s	6.33nm			3.7mb	
FFC	19.91	48	eP	11	55.50	-0.2
	1.6s	37.00nm			4.5mb	
YKA	20.12	18	eP	11	59.30	1.5
YKC	20.14	18	eP	11	58.00	0.0
LTX	24.20	119	eP	12	39.50	0.6
MBC	32.59	4	eP	14	01.00	6.6X
FRB	38.44	38	eP	14	45.00	0.6
NB2	70.21	20	P	18	34.60	-1.3
	0.8s	1.80nm			4.3mb	
	S.D. = 1.4	on	18 of	26	obs.	

• APR 05, 1985 01h 40m 58.59± 1.30s
15.945 N ± 7.1km 61.082 W ±14.2km
DEPTH = 81.2 ± 15.4 km
LEEWARD ISLANDS (92)
Felt on Guadeloupe.

MGG	0.23	263	iPc	41	10.57	-0.2
SFG	0.33	340	iP	41	11.51	0.2
PAG	0.58	278	iPc	41	13.28	-0.2
			S	41	23.70	
SEG	0.61	318	iPc	41	13.80	0.2
BTG	0.61	274	iPc	41	13.52	-0.1
MLG	0.62	281	iPc	41	13.86	0.1
MDN	0.70	206	iPc	41	14.90	0.4
			S	41	26.00	
CRM	1.20	172	iPd	41	20.30	-0.1
FDF	1.21	183	iPd	41	20.41	-0.2
			S	41	35.10	
BPA	1.32	326	iPd	41	21.90	-0.2
MVM	1.39	173	iPd	41	22.99	0.0
BIM	1.42	180	iPd	41	23.55	0.2
			S	41	41.20	
SLW	1.92	176	ePd	41	29.78	-0.2
			S	41	53.90	
BOG	17.01	230	eP	44	50.50	-2.7X
	S.D. = 0.2	on	13 of	14	obs.	

? APR 05, 1985 02h 25m 55.44± 2.52s
24.494 S ±25.5km 179.430 W ±21.9km

DEPTH = 513.4 ± 20.8 km
5.1mb (6 obs.)
SOUTH OF FIJI ISLANDS (171)

VUN	6.75	343	eP	27	40.00	-0.5
			eS	29	06.00	
NOU	13.15	277	iPc	28	48.00	1.3
KOU	15.55	281	iPd	29	11.40	0.4
COO	26.10	250	eP	30	50.00	0.5
RMQ	28.75	259	iPd	31	13.60	1.0
CMS	31.37	249	iPd	31	35.10	0.1
CTAO	32.00	271	iPd	31	40.90	0.4
	0.8s	76.00nm			5.3mb	
STK	34.99	249	iPd	32	05.90	0.4
PMG	35.18	289	eP	32	07.00	-0.2
	0.8s	47.76nm			5.1mb	
ASPA	42.46	261	iPd	33	06.00	-0.3
WRA	42.89	267	Pc	33	08.60	-1.1
	0.5s	19.90nm			4.9mb	
MTN	48.02	275	eP	33	48.00	-1.3
WBN	48.54	256	iPd	33	52.50	-0.7
	0.4s	46.00nm			5.3mb	
KNA	49.18	270	iPd	33	57.70	-0.4
	0.5s	36.00nm			5.1mb	
MEK	55.51	254	eP	34	42.50	-1.1
MBL	55.69	260	iPd	34	43.90	-1.0
MRWA	57.17	250	iPd	34	54.70	-0.3
	0.4s	7.00nm			4.3mb	
NAU	59.19	257	iPd	35	09.00	0.3
IPM	82.41	279	ePc	37	26.90	2.1
KJF	136.51	343	ePKP	44	20.00	0.6
SUF	138.12	343	ePKP	44	16.00	-6.5X
UPP	142.70	346	iPKP	44	30.30	-0.3
NB2	142.74	351	PKP	44	31.10	0.3
	0.9s	5.10nm				
HFS	143.23	349	ePKP	44	31.60	0.1
	0.5s	18.10nm				
GPA	150.54	310	iPKP	44	51.40	7.4X
KHC	153.37	341	ePKP	44	53.00	5.3X
			e	45	24.50	
S.D. = 0.9 on 23 of 26 obs.						

* APR 05, 1985 02h 31m 52.71± 1.19s
34.520 N ±11.8km 26.125 E ±10.8km
DEPTH = 79.6 ± 14.8 km
3.3mb (1 obs.)
CRETE (370)

NPS	0.85	331	ePg	32	10.20	0.0
			eSg	32	24.00	
ELL	3.80	53	iP	32	50.70	0.5
ATH	3.96	331	ePb	32	52.30	0.1
			ePg	32	59.30	
			eSb	33	37.50	
IZM	3.98	13	eP	32	51.00	-1.6
BCK	4.66	50	ePn	33	03.50	1.3
PRK	4.72	1	ePn	33	02.50	-0.4
KZN	6.73	330	ePb	33	35.50	4.5X
KDZ	7.14	355	iP	33	36.00	-0.4
OHR	7.81	329	eP	33	47.00	1.2
GVI	7.91	109	P	33	46.00	-1.2
			eS	35	05.50	
JER	8.09	107	eP	33	50.50	0.9
			eS	35	11.50	
SKO	8.30	335	e(P)	33	56.00	3.5X
PRNI	8.58	117	P	33	56.00	-0.3
			eS	35	28.00	
NB2	28.22	345	P	37	39.60	-0.1
	0.5s	0.40nm			3.3mb	
S.D. = 1.0 on 12 of 14 obs.						

? APR 05, 1985 02h 48m 37.14± 1.39s
3.091 S ±12.7km 136.223 E ±22.4km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
WEST IRIAN (201)

MTN	10.92	207	iPc	51	15.70	1.4
			eS	53	14.00	
KNA	14.56	210	eP	52	03.00	0.2
			eS	54	42.00	
WB2	16.85	186	eP	52	30.20	-2.1
			eS	55	33.00	
WRA	16.85	186	Pc	52	30.80	-1.5
	0.6s	5.30nm			3.8mb	
CTA	19.52	151	eP	53	06.00	1.0
ASPA	20.58	186	eP	53	17.00	1.0
MRWA	32.32	214	eP	55	06.00	0.5
KKN	57.82	306	eP	58	28.20	-0.2
	0.6s	3.00nm			4.5mb	
DMN	57.89	305	eP	58	28.50	-0.4
S.D. = 1.3 on 9 of 9 obs.						

* APR 05, 1985 03h 12m 26.82± 2.49s
32.803 S ±11.9km 71.509 W ±24.5km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

PEL	0.77	116	iPd	12	42.80	1.5
			i	12	49.50	
			iS	12	56.20	
JACH	0.78	81	iPc	12	41.40	-0.1
LNV	1.15	176	iPd	12	47.00	0.4
MDZ	2.24	93	eP	13	11.60	9.2X
			iS	13	43.90	
RTCB	2.65	61	ePc	13	09.90	1.7
			S	13	45.50	
ZON	2.71	63	eP	13	13.00	4.0X
RTLL	2.97	61	ePd	13	13.50	0.7
			S	13	54.80	
RFA	3.21	129	ePc	13	14.50	-1.6
VCA	4.95	36	ePd	13	40.00	-1.0
TCA	6.05	78	ePd	13	54.80	-1.6
			S	15	06.80	
S.D. = 1.6 on 8 of 10 obs.						

APR 05, 1985 03h 41m 35.25± 0.38s
35.437 S ±10.7km 16.085 W ± 5.8km
DEPTH = 10.0km (geophysicist)
5.1mb (19 obs.) 5.0Msz (5 obs.)
SOUTH ATLANTIC RIDGE (410)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 21C
Centroid Location:
Origin Time 03:41:47.1 0.4
Lat 35.05S 0.04 Lon 15.93W 0.06
Dep 10.0 FIX Half-duration 2.3
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.09 0.08 Mtt=-1.06 0.11
Mff= 0.97 0.12 Mrt=-0.92 0.28
Mrf= 0.24 0.29 Mtf= 2.69 0.09
Principal Axes:

T	Val= 2.87	Plg= 7	Azm=126
N	0.29	73	239
P	-3.17	15	34

Best Double Couple:Mo=3.0*10**24
NP1:Strike=171 Dip=74 Slip=-174
NP2: 79 84 -16

RDJ	26.70	291	eP	47	18.40	2.0
WIN	31.58	75	e(P)	48	08.00	7.6X
	1.0s	25.00nm			5.1mb	
ITR	33.49	317	eP	48	14.60	-2.4
			e	48	17.10	
			e	48	25.60	
SOB1	34.56	313	iP	48	24.60	-1.6
	1.0s	42.40nm			5.3mb	
			i	48	28.00	
BAO	34.67	296	e(P)	48	26.00	-1.2
SNA	35.72	172	iPd	48	43.00	7.5X
	1.0s	100.00nm			5.6mb	
BLF	36.09	92	iPc	48	38.10	-1.2
	0.6s	17.86nm			5.1mb	
VIR	37.02	91	iPc	48	46.00	-1.1
	1.0s	88.00nm			5.5mb	
BFS	37.42	89	eP	48	48.80	-1.7
SEK	37.55	92	iPc	48	51.50	-0.1
	0.9s	50.42nm			5.3mb	
BPI	38.73	89	iPc	48	58.30	-3.3X
	1.0s	66.00nm			5.3mb	
SLR	39.12	88	iPc	49	03.50	-1.3
	1.0s	25.00nm			4.8mb	
Z	20s	2.84um			5.1Msz	
EVA	39.45	90	eP	49	07.20	-0.4
	0.9s	42.02nm			5.1mb	
BUL	42.01	81	iPd	49	28.00	-0.6
	1.4s	24.42nm			4.7mb	
KIC	42.92	17	eP	49	34.50	-1.4
MDZ	43.31	258	e(P)	49	39 80	0.8
SLA	43.67	270	eP	49	42 40	0.2
LSZ	44.32	75	eP	49	48.00	0.6
			i	49	50.00	
			i	49	57.40	
KRI	44.58	78	eP	49	50.00	0.5
YJA	44.85	273	eP	49	52.00	-0.1
MTD	46.18	79	eP	50	02.00	-0.2
CCH	47.78	279	Pc	50	15.00	-0.1
LPB	49.81	278	Pc	50	29.00	-1.9
	1.0s	20.00nm			5.1mb	
Z	19s	1.56um			5.0Msz	
			LR	04	18.00	
BNG	51.27	47	iPd	50	40.00	-1.6
	1.3s	61.30nm			5.4mb	
			i	50	43.20	
			iPP	50	49.20	
			iPP	53	34.70	
ARE	52.60	276	eP	50	50.00	-1.5
SPA	54.74	180	eP	51	08.00	1.0
	1.1s	8.93nm			4.7mb	
AVY	58.19	91	eP	51	37.50	5.3X
NNA	59.37	277	eP	51	40.50	0.2
	0.9s	14.29nm			5.1mb	
CAR	66.26	304	eP	52	36.00	9.9X
SBA	66.96	181	eP	52	30.30	0.8
BOG	67.33	294	eP	52	32.00	-1.2
PSO	67.61	289	eP	52	34.00	-1.0
EPF	79.52	12	eP	53	44.20	0.7
MNS	81.80	21	eP	53	58.00	2.6X
BRT	81.88	25	eP	53	57.50	1.7
RJF	81.93	12	eP	53	57.00	0.9
	1.0s	13.60nm			5.0mb	
MZF	83.00	13	eP	54	02.90	1.3
OHR	83.37	27	eP	54	02.20	-1.5
BGF	83.38	13	eP	54	03.50	0.0
SMF	83.65	14	eP	54	05.70	0.8
AVF	83.70	13	eP	54	06.20	1.1
	0.8s	10.80nm			5.1mb	
GRC	84.13	13	iPd	54	16.40	9.1X
LPF	84.18	10	eP	54	08.70	1.2
VAY	84.22	28	eP	54	08.40	0.5
SKO	84.36	27	eP	54	07.50	-1.1
			i	54	11.50	
GRR	84.55	10	eP	54	10.50	1.1
CTI	84.88	19	eP	54	12.00	0.7
FLN	84.97	10	eP	54	12.80	1.3
	1.0s	20.00nm			5.3mb	
BSF	85.39	15	eP	54	14.00	0.3
LJU	85.68	21	e(P)	54	15.80	0.7
			e	54	24.70	
KBA	86.29	20	eP	54	18.00	-0.3
	1.4s	15.60nm			5.0mb	
			i	54	29.60	
			i	54	34.50	
			e	57	38.00	
GWF	86.65	15	eP	54	19.20	-0.7
WET	88.06	19	eP	54	29.70	3.0X
GRF	88.15	17	eP	54	28.20	1.2
Z	20s	0.30um			4.7Msz	
			e	54	37.60	
KHC	88.23	19	iPc	54	30.50	3.0X
	1.4s	18.50nm			5.2mb	
			e	57	53.90	
SRO	88.41	22	e(P)	54	32.00	3.7X
MLR	89.06	28	eP	54	34.50	2.9X
			e	23	52.00	
PRU	89.27	19	eP	54	42.50	10.1X
Z	20s	0.60um			5.0Msz	
BRG	89.92	18	eP	54	48.50	13.1X
	1.2s	15.00nm				
Z	20s	1.00um			5.2Msz	
N	20s	0.50um				
E	20s	1.00um				
			e	58	07.00	
CLL	90.08	18	eP	54	38.00	0.9
			e	54	46.00	
KSP	90.52	20	eP	54	49.00	10.8X
EDM	121.55	316	ePKP	00	32.00	1.9
YKA	124.57	326	ePKP	00	37.50	2.0
INK	132.51	333	ePKP	00	50.00	-0.5
COL	138.92	331	e(PKP)	01	05.00	2.3X
BJI	142.32	68	ePKP	01	20.00	10.4X
S.D. = 1.2 on 50 of 66 obs.						

* APR 05, 1985 04h 04m 03.34± 0.47s
24.434 S ± 9.9km 175.042 W ± 8.7km
DEPTH = 33.0km (normal)
5.1mb (10 obs.)
SOUTH OF TONGA ISLANDS (175)

VUN	8.81	315	eP	06	05.00	-6.4X

05d 04h

NDF	9.65	312	eP	06	22.00	-1.1
KRP	15.67	209	eP	07	56.00	12.8X
PVC	16.89	290	iPc	08	02.50	3.6X
NOU	17.12	273	iPc	08	06.50	4.7X
MNG	17.99	204	eP	08	12.00	-0.4
			eS	11	22.00	
TCW	18.96	205	eP	08	24.00	-0.3
			S	11	45.50	
KOU	19.49	277	iPc	08	31.80	1.2
CTA	36.00	269	iPd	11	03.20	-0.3
	1.0s	39.00nm			5.3mb	
CTAD	36.00	269	eP	11	03.60	0.1
	1.0s	40.00nm			5.3mb	
PMG	38.98	286	eP	11	26.50	-1.9
	1.1s	78.48nm			5.4mb	
ASPA	46.41	260	eP	12	29.00	0.1
WRA	46.88	265	Pd	12	31.40	-1.2
	0.8s	14.10nm			5.0mb	
MTN	52.01	273	eP	13	11.00	-1.1
WBN	52.43	255	eP	13	15.00	-0.1
KNA	53.18	268	eP	13	20.00	-0.8
BMN	83.98	41	eP	16	31.00	-0.8
	1.4s	8.13nm			4.7mb	
EUR	84.14	42	iP	16	32.80	0.1
	1.2s	5.39nm			4.6mb	
IPM	86.36	277	ePd	16	47.20	3.2X
LTX	86.92	56	eP	16	46.90	0.4
	1.4s	10.70nm			4.9mb	
CN2	87.07	321	Pc	16	47.00	0.2
PSI	87.49	274	ePc	16	51.30	1.8
ALQ	87.77	50	eP	16	49.90	-0.7
	1.3s	14.42nm			5.1mb	
TIA	87.93	311	eP	16	51.90	0.8
PNT	88.43	33	eP	16	53.00	-0.2
	1.0s	17.00nm			5.3mb	
JCT	90.41	57	eP	17	03.50	0.5
	1.1s	9.49nm			5.0mb	
COL	91.51	71	eP	17	06.00	-1.2
TIY	91.92	311	eP	17	11.60	1.8
KMI	93.54	296	eP	17	20.00	2.3
EDM	93.94	32	eP	17	17.50	-1.2
CHTO	94.12	289	eP	17	22.00	1.8
KRA	151.89	339	ePKP	23	56.70	7.3X
KSP	152.22	344	ePKP	23	57.50	7.6X
CLL	152.46	349	iPKP	23	57.50	7.3X
	1.6s	29.00nm				
SPC	152.53	338	e(PKP)	24	01.90	11.3X
BRG	152.70	348	ePKP	23	58.50	8.0X
	1.2s	15.00nm				
			e	24	07.40	
PRU	153.42	346	ePKP	24	02.50	10.9X
KHC	154.44	347	ePKP	23	55.30	2.2X
			e	24	03.90	
			e	24	15.10	
BNG	156.20	215	ePKPc	23	56.70	0.2
	1.5s	24.00nm				
	S.D. = 1.1		on 27 of 39 obs.			

* APR 05, 1985 05h 18m 29.60± 0.93s
42.979 N ±15.7km 1.923 W ±16.1km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 2.8 (LDG).

LGR	0.67	220	ePg	18	43.00	0.0
			iSg	18	51.00	
			iSn	18	56.00	
EPF	1.66	87	Pn	18	58.90	0.0
			Sn	19	20.60	
EPF	2.74	44	Pn	19	15.40	1.0
EPC	2.82	52	Pn	19	15.70	0.1
			Sn	19	51.80	
RJF	3.40	46	Pn	19	23.80	0.1
			Sn	20	05.10	
CAF	3.48	55	Pn	19	24.80	0.0
			Sn	20	05.50	
MZF	4.56	43	Pn	19	39.10	-1.2
			Sn	20	31.80	
	S.D. = 0.8		on 7 of 7 obs.			

* APR 05, 1985 05h 40m 46.26± 0.95s
42.946 N ±17.0km 1.891 W ±15.9km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 3.0 (LDG).

LGR	0.67	223	ePg	40	59.50	0.0
			iSg	41	08.00	
EPF	1.64	86	Pn	41	15.40	0.1
			Sn	41	37.10	
RJF	3.40	45	Pn	41	40.40	0.0
			Sn	42	21.00	
CAF	3.47	54	Pn	41	41.10	-0.4
			Sn	42	21.10	
BGF	4.94	41	Pn	42	02.60	0.3
			Sn	42	58.20	
	S.D. = 0.4		on 5 of 5 obs.			

& APR 05, 1985 06h 41m 28.15s
59.935 N 153.322 W
DEPTH = 126.9km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.35	45	iP	41	45.76	1.0
			iS	41	59.87	
PDB	0.46	252	iP	41	45.91	-1.0
			iS	42	00.21	
RDT	0.79	35	iP	41	48.64	-0.6
NNL	1.02	83	iP	41	51.57	0.3
BRLK	1.24	97	iP	41	52.87	-0.7
NKA	1.32	51	eP	41	55.27	1.0
SPU	1.40	26	iP	41	54.48	-0.8
CRP	1.46	23	iP	41	55.46	-0.6
			eS	42	17.09	
CGLM	1.52	25	iP	41	56.00	-0.8
SVW	1.64	317	iP	41	56.25	-1.8
SLKM	1.65	68	eP	41	56.86	-1.3
SEW	1.95	83	eP	42	00.29	-1.5
MPA	2.05	73	iP	42	01.84	-1.2
KDC	2.24	169	iP	42	02.52	-2.8
PMS	2.27	53	eP	42	04.37	-1.5
PTE	2.33	65	eP	42	04.50	-2.0
PWA	2.41	43	eP	42	06.36	-1.2
PLRM	2.64	49	eP	42	08.13	-2.5
PME	2.70	49	eP	42	08.68	-2.7
GHO	2.83	48	eP	42	10.56	-2.6
MSE	2.86	46	eP	42	10.68	-2.9
SML	3.08	50	eP	42	13.41	-3.0
GLI	3.23	70	eP	42	15.93	-2.4
TTV	3.27	67	eP	42	16.02	-2.8
TTA	3.27	338	eP	42	16.45	-2.5
HIN	3.44	79	eP	42	19.43	-1.7
SCM	3.49	54	eP	42	19.16	-2.8
FID	3.50	74	eP	42	17.93	-4.0
VZW	3.53	68	eP	42	19.75	-2.7
VLZ	3.66	68	eP	42	21.17	-2.8
KLU	3.96	64	eP	42	25.34	-2.8
SGAM	4.09	79	eP	42	27.41	-2.4
TOA	4.10	55	eP	42	28.05	-2.1
KMP	4.37	65	eP	42	31.09	-2.6
BALM	5.54	74	eP	42	47.74	-1.9
YAH	5.80	81	eP	42	51.66	-1.6
	36 obs. associated					

APR 05, 1985 07h 25m 35.41± 0.17s
33.429 N ± 2.8km 131.543 E ± 2.1km
DEPTH = 134.3 ± 1.8 km
5.1mb (49 obs.)
KYUSHU, JAPAN (235)
Felt (II JMA) at Oita, Hiroshima and Kochi, (I JMA) at Asosan, Shimonoseki and Nobeoka.

OIT	0.21	161	iPc	25	54.00	-0.1
			S	26	04.30	
ASJ	0.67	216	iPd	25	56.70	0.2
			iS	26	12.00	
SHN	0.73	316	iPd	25	55.60	-1.0
			iS	26	09.90	
NOB	0.85	172	eP	25	57.00	-0.6
			S	26	14.20	
KUM	0.93	229	iPd	25	58.80	0.5
			S	26	15.40	
FKK	0.98	279	iPd	25	58.20	-0.6
			iS	26	14.30	
SAG	1.05	260	iPd	25	59.60	0.2
			iS	26	17.20	
MTY	1.11	68	iPc	25	59.50	-0.5
			iS	26	16.60	
HIR	1.19	38	iPc	25	59.80	-1.0
			iS	26	17.00	
ASZ	1.43	119	iPc	26	02.60	-0.7
			iS	26	22.70	
SHK	1.45	40	iPc	26	02.50	-1.1
MYZ	1.51	184	Pd	26	06.00	1.8
			S	26	28.10	
HMD	1.53	17	eP	26	03.00	-1.4
			S	26	23.00	
NGS	1.57	244	iPd	26	05.60	0.7
			S	26	27.00	
KOC	1.67	85	iPc	26	05.60	-0.5
			iS	26	27.00	
IZU	2.03	293	Pd	26	10.00	-0.3
			iS	26	38.00	
KAG	2.03	205	eP	26	12.00	1.6
			eS	26	38.00	
MRT	2.21	94	iPc	26	12.10	-0.6
			S	26	38.80	
TKM	2.27	66	iPc	26	12.90	-0.5
			iS	26	39.60	
OKA	2.33	57	iPc	26	13.70	-0.4
			iS	26	39.70	
MTS	2.38	32	iPc	26	14.30	-0.5
			S	26	40.20	
TKS	2.61	75	Pc	26	17.60	0.0
			iS	26	47.90	
HIM	2.97	61	eP	26	22.00	-0.4
			S	26	54.80	
TOT	3.01	46	Pc	26	23.30	0.4
			iS	26	58.00	
WKY	3.12	74	Pc	26	24.30	0.0
			S	26	59.50	
KOB	3.27	66	eP	26	26.00	-0.3
			eS	27	04.00	
TYK	3.43	51	eP	26	24.00	-4.4X
			eS	26	57.00	
SHJ	3.53	89	eP	26	29.00	-0.7
			eS	27	09.00	
OSA	3.53	68	P	26	29.70	0.0
			S	27	09.80	
OSK	3.62	70	P	26	30.90	-0.1
			S	27	11.40	
KYO	3.82	64	Pc	26	33.70	0.2
			S	27	15.70	
FUK	4.66	55	eP	26	46.00	1.1
			eS	27	37.00	
GIF	4.74	64	eP	26	47.00	1.0
			S	27	40.60	
NAG	4.81	67	eP	26	47.00	0.0
			eS	27	41.00	
SEO	5.57	319	iPd	26	58.00	0.9
			eS	28	22.00	
MAT	6.29	59	iPd	27	06.90	-0.2
			eS	28	23.00	
OYM	6.67	71	eP	27	12.50	0.3
SRY	6.74	69	eP	27	13.00	-0.2
DDR	6.80	66	eP	27	15.30	1.2
			e	28	31.60	
KYS	7.34	74	eP	27	22.40	1.2
TSK	7.57	66	eP	27	22.50	-1.9
SSE	9.07	258	Pd	27	46.00	1.5
	1.0s	76.00nm			5.3mb	
DL2	9.70	307	eP	27	53.00	0.2
			eS	29	45.00	
SNY	10.49	325	eP	28	05.30	2.0
NJ2	10.77	266	eP	28	07.00	0.0
MDJ	11.27	353	eP	28	16.00	2.4
CN2	11.40	337	eP	28	19.00	3.8X
			eS	30	30.00	
TIA	12.17	287	P	28	26.80	1.5
			esP	28	54.00	
			eS	30	41.50	
BJI	13.97	303	eP	28	50.00	1.4
			pP	28	55.00	
			eS	31	30.00	
			sS	31	40.00	
QZH	14.11	237	eP	28	49.00	-1.4
			eS	31	28.00	
WHN	14.87	264	eP	29	00.00	0.0
			eS	31	48.00	
TIY	16.12	291	P	29	17.20	1.5
			sP	29	51.50	
HHC	17.55	301	Pc	29	34.20	1.1
BTO	18.59	299	iPc	29	45.00	0.1
XAN	18.82	278	P	29	46.20	-1.1
HKC	18.91	239	eP	29	47.90	-0.3
GZH	19.03	242	P	29	49.50	0.1
			sP	30	30.00	
GYA	22.62	259	P	30	25.00	-0.6
LZH	22.88	284	Pc	30	27.50	-0.6

1.2s 362.00nm 5.6mb
CD2 23.63 272 P 30 35.50 0.2
sP 31 14.40
eS 34 43.00
MAP 24.02 199 iP 30 38.00 -1.1
GTA 26.14 292 P 30 58.20 -0.5
KMI 26.39 259 Pd 31 00.00 -1.3
pP 31 27.00 127kmX
sP 31 39.50
CHTO 32.53 252 ePd 31 55.00 -0.5
1.0s 6.25nm 4.3mb
ePP 32 23.80 132kmX
iPcP 34 39.30
LSA 34.47 275 Pd 32 13.00 0.3
WMO 35.43 300 Pc 32 19.50 -0.7
pP 32 49.50 134kmX
PP 33 47.20
S 37 48.50
AAI 37.05 186 eP 32 34.30 0.4
PKI 39.93 274 iPc 32 57.90 -0.4
KKN 39.96 275 iPc 33 01.60 3.2X
DMN 40.17 274 iPc 32 59.90 -0.2
IPM 40.39 231 ePd 33 02.30 0.6
0.9s 60.80nm 5.3mb
PSI 43.18 232 iP 33 24.00 -0.5
0.7s 42.40nm 5.2mb
KSH 44.51 294 P 33 36.00 0.8
PPI 44.65 227 eP 33 36.00 -0.3
0.7s 30.00nm 5.1mb
MTN 46.02 181 iPc 33 46.70 -0.3
0.8s 141.00nm 5.7mb
KNA 48.97 184 eP 34 10.00 0.0
HYB 49.93 265 ePd 34 17.40 -0.1
1.0s 60.00nm 5.4mb
e 35 34.80
GBA 52.78 262 Pc 34 38.20 -0.7
0.7s 53.80nm 5.5mb
WRA 53.14 177 Pc 34 40.80 -0.5
0.8s 46.90nm 5.4mb
POO 53.32 269 iPd 34 42.00 -0.9
QUE 54.20 285 eP 34 48.50 -0.9
CTAO 55.04 163 eP 34 55.60 0.4
1.0s 21.00nm 5.0mb
pP 35 25.40 126kmX
COL 56.37 30 eP 35 04.50 0.1
e 35 33.00
ASPA 56.82 177 iPc 35 07.70 -0.2
0.7s 26.00nm 5.3mb
MHI 57.90 295 iPc 35 15.60 0.0
WBN 59.43 185 iPc 35 26.20 0.2
0.5s 56.00nm 5.8mb
INK 61.18 25 eP 35 37.00 -0.5
pP 36 06.00 119kmX
MBC 62.17 15 eP 35 43.50 -0.5
0.7s 7.00nm 4.7mb
BRS 63.76 159 P 35 55.50 0.5
i 36 26.00
KEV 63.84 338 iP 35 56.50 1.5
0.6s 60.00nm 5.7mb
SOD 65.02 336 iP 36 02.10 -0.6
STK 65.65 171 iPc 36 07.70 0.7
0.6s 14.00nm 5.1mb
KJF 66.08 332 iP 36 08.00 -1.4
0.7s 42.70nm 5.5mb
TRO 66 36 339 eP 36 10.20 -1.0
SUF 67.40 331 iP 36 16.60 -1.2
0.7s 27.00nm 5.2mb
DAG 68.52 353 iPd 36 24.00 -0.6
0.8s 44.78nm 5.4mb
NUR 69.13 330 eP 36 28.00 -0.5
YKA 70.82 27 eP 36 39.60 0.9
YKC 70.87 27 eP 36 39.00 -0.1
UPP 72.41 331 iP 36 46.80 -1.4
i 37 17.40
HFS 73.79 333 iP 36 54.50 -1.8
0.7s 23.80nm 5.1mb
NB2 74.13 334 P 36 57.10 -1.2
0.7s 22.20nm 5.0mb
ANTO 75.39 308 eP 37 05.00 -1.0
e 37 37.00
VRI 75.95 316 eP 37 09.00 0.1
MLR 76.61 316 eP 37 12.00 -0.8
EDM 77.01 34 eP 37 15.50 0.8
KRA 77.25 322 ePd 37 15.90 -0.1
0.9s 37.00nm 5.1mb
e 37 23.10
ADI 77.26 301 P 37 15.50 -0.9

SPC 77.61 321 eP 37 19.80 1.6
JOS 77.88 321 ePc 37 19.50 0.1
1.0s 10.60nm 4.6mb
JER 77.96 300 Pc 37 19.00 -1.3
MUD 78.02 331 iPd 37 20.00 0.0
0.4s 15.00nm 5.1mb
KSP 78.59 324 eP 37 23.50 0.2
PRNI 78.86 299 eP 37 24.50 -0.7
BRG 79.70 325 iP 37 28.90 -0.4
1.2s 26.00nm 4.9mb
CLL 79.86 326 iPd 37 30.40 0.3
1.1s 55.00nm 5.2mb
ipP 38 00.90 120kmX
ZST 79.86 322 eP 37 31.00 0.8
PRU 80.00 324 P 37 31.30 0.4
1.0s 21.70nm 4.9mb
e 38 03.00
FFC 80.90 28 eP 37 37.00 1.5
MOX 80.96 326 ePc 37 36.00 0.1
1.1s 22.00nm 4.8mb
VAY 81.03 314 eP 37 36.20 -0.3
KHC 81.03 324 iP 37 36.50 0.1
1.0s 21.00nm 4.9mb
e 38 08.50
e 38 28.50
HOF 81.06 326 iPc 37 36.60 0.1
1.0s 48.00nm 5.2mb
SKO 81.32 315 eP 37 40.00 2.0
WIT 81.63 330 ePd 37 40.50 1.2
e 38 12.00
GRF 81.79 326 iPc 37 41.10 0.8
1.0s 62.00nm 5.3mb
FRB 81.85 9 eP 37 48.00 7.7X
pP 38 10.00 82kmX
KRP 81.94 146 P 37 43.60 2.6
WTS 82.16 329 iPd 37 42.20 0.1
1.0s 25.00nm 4.9mb
e 38 18.00
OHR 82.22 315 eP 37 42.10 -0.7
BHG 82.32 323 eP 37 43.50 0.4
1.0s 34.00nm 5.1mb
KBA 82.52 323 i(P) 37 43.90 -0.5
0.8s 8.60nm 4.6mb
i 37 46.80
FUR 82.81 324 iPc 37 46.20 0.5
1.0s 30.00nm 5.1mb
BMN 82.93 46 eP 37 48.70 2.1
0.7s 0.44nm 3.4mb X
e 38 19.40
ENN 83.44 329 ePc 37 48.50 -0.2
0.9s 57.00nm 5.4mb
e 38 20.00
EKA 83.46 336 Pd 37 48.60 -0.2
1.3s 30.50nm 5.0mb
MEM 83.52 329 Pd 37 49.40 0.3
OGA 83.83 324 iPc 37 50.70 -0.4
1.0s 14.00nm 4.8mb
GWF 83.97 327 eP 37 50.60 -0.9
e 38 22.40
CTI 84.08 323 eP 37 51.50 -0.7
WLF 84.14 328 Pd 37 53.00 0.8
EUR 84.28 46 iP 37 55.80 2.3
0.2s 2.79nm 4.8mb
SAX 84.39 325 ePd 37 54.00 0.0
OSS 84.39 324 ePd 37 54.10 0.3
SLE 84.43 325 ePd 37 53.70 -0.1
BRT 84.49 316 eP 37 54.00 -0.1
DOU 84.51 329 Pc 37 54.20 0.1
CDF 84.54 326 eP 37 54.40 0.0
0.8s 25.20nm 5.1mb
ZUL 84.68 325 ePd 37 54.70 -0.4
LLS 84.82 324 ePd 37 55.90 -0.2
VDL 84.86 324 ePd 37 56.50 0.2
SAL 84.95 323 eP 37 55.50 -0.9
BSF 85.18 326 eP 37 57.30 -0.4
0.8s 14.90nm 4.9mb
HAU 85.26 327 eP 37 57.70 -0.3
0.7s 6.60nm 4.6mb
ORI 85.46 316 eP 38 00.00 1.0
DUI 85.54 318 eP 38 00.50 1.1
AOU 85.66 319 eP 38 01.50 1.4
BDW 85.78 40 eP 38 02.00 1.0
1.0s 0.60nm 3.4mb X
e 38 32.80
MMK 85.91 324 ePd 38 01.70 0.2
DIX 86.16 325 ePd 38 02.70 -0.1
ORO 86.21 324 e(P) 38 02.00 -0.8

EMS 86.39 325 ePd 38 03.30 -0.5
LBF 87.10 327 eP 38 06.60 -0.4
SSF 87.26 327 eP 38 07.00 -0.7
GRC 87.27 328 iPc 38 07.00 -0.8
SMF 87.42 327 eP 38 07.70 -0.8
0.8s 9.40nm 4.8mb
AVF 87.53 327 eP 38 08.60 -0.4
0.8s 9.30nm 4.8mb
MZF 88.31 327 eP 38 12.60 -0.2
0.8s 6.70nm 4.7mb
TCF 88.43 328 eP 38 12.90 -0.5
0.7s 6.10nm 4.8mb
LPF 88.47 330 eP 38 13.80 -0.5
LSF 88.76 328 eP 38 14.30 -0.7
MFF 89.22 329 eP 38 16.90 -0.2
RJF 89.49 327 eP 38 18.40 0.6
0.8s 10.70nm 5.0mb
CAF 89.53 327 eP 38 18.60 0.0
1.0s 18.00nm 5.1mb
LPO 90.12 327 eP 38 21.70 0.4
LFF 90.13 327 eP 38 21.30 0.0
0.9s 25.40nm 5.3mb
LHC 90.73 26 eP 38 26.00 2.0
pP 38 55.50 112kmX
KIC 122.71 305 ePKP 44 16.50 -0.7
ITR 153.76 337 ePKP 45 19.60 7.4X
SOB1 154.91 342 e(PKP)45 07.00 -6.7X
S.D. = 0.9 on 174 of 180 obs.

APR 05, 1985 09h 06m 45.68± 0.97s
42.658 N ± 9.2km 24.160 E ± 7.0km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PLD 0.68 144 iPg 06 58.00 -1.2
eSg 07 06.00
VTS 0.71 266 iPgd 06 59.00 -0.7
eSg 07 08.00
PVL 0.89 56 eP 07 03.00 0.3
MMB 1.12 197 ePg 07 07.00 0.4
Sg 07 24.00
KDZ 1.35 139 iP 07 11.00 0.5
iS 07 30.00
VAY 1.79 222 ePn 07 17.50 0.7
S.D. = 1.0 on 6 of 6 obs

? APR 05, 1985 09h 35m 36.79± 4.34s
31.682 S ±25.2km 68.327 W ±28.6km
DEPTH = 114.8 ± 45.8 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.11 45 iPd 35 53.00 -0.1
S 36 04.20
RTLL 0.37 341 iPd 35 54.00 0.3
S 36 06.70
RTCB 0.45 296 iPd 35 54.00 -0.2
S 36 06.80
MDZ 1.28 200 eP 36 01.80 0.1
TCA 3.21 85 iPd 36 26.50 0.0
S 37 02.80
S.D. = 0.4 on 5 of 5 obs.

• APR 05, 1985 09h 43m 37.37± 0.75s
42.895 N ±12.7km 1.836 W ±11.0km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 2.9 (LDG).

LGR 0.66 229 ePg 43 50.50 0.0
iSg 43 59.50
MADF 0.78 72 iPg 43 52.50 -0.2
EPF 1.60 84 Pn 44 05.80 -0.1
Sn 44 28.50
LFF 2.76 41 Pn 44 23.20 0.8
Sn 44 57.20
LPO 2.83 50 Pn 44 24.20 0.8
Sn 44 59.30
RJF 3.41 44 Pn 44 31.80 0.1
Sn 45 12.70
CAF 3.47 53 Pn 44 32.60 0.0
Sn 45 14.10
MZF 4.58 42 Pn 44 47.50 -0.8
Sn 45 40.50
BGF 4.95 41 Pn 44 52.80 -0.7
Sn 45 49.60
S.D. = 0.6 on 9 of 9 obs

05d 10h

? APR 05, 1985 10h 27m 25.95± 0.96s
62.471 N ±37.0km 26.275 W ±24.3km
DEPTH = 10.0km (geophysicist)
4.6mb (9 obs.)
ICELAND REGION (637)

EKA	13.86	111	P	30 52.00	7.5X
DOU	20.89	112	Pc	32 11.00	0.6
MFF	21.72	125	eP	32 19.90	1.1
	1.1s	24.40nm		4.5mb	
GRC	22.42	119	iPc	32 23.90	-1.9
LOR	22.77	118	eP	32 27.80	-1.4
	1.2s	20.80nm		4.5mb	
SSF	22.79	119	eP	32 27.90	-1.5
	1.1s	18.00nm		4.5mb	
BGF	22.93	120	eP	32 32.80	2.0
	1.1s	24.40nm		4.6mb	
AVF	22.94	119	eP	32 32.80	1.9
LBF	23.04	118	eP	32 30.70	-1.3
MZF	23.18	121	eP	32 35.30	2.8X
	1.1s	14.40nm		4.4mb	
HAU	23.23	113	eP	32 33.70	-0.1
	0.9s	22.90nm		4.7mb	
SMF	23.26	119	eP	32 33.90	-0.1
	1.1s	12.20nm		4.4mb	
CDF	23.32	112	eP	32 35.20	0.5
RJF	23.44	124	eP	32 40.80	5.0X
BSF	23.55	113	eP	32 37.10	0.1
	1.1s	28.90nm		4.8mb	
MOX	23.61	102	e(P)	32 38.00	0.6
CAF	23.97	124	eP	32 46.80	5.8X
	1.1s	21.90nm		4.7mb	
BRG	24.51	100	eP	32 46.00	-0.1
PRU	25.40	100	eP	32 55.20	0.5
KHC	25.58	103	iP	32 55.50	-0.9
			e	33 05.70	
YKC	37.73	311	eP	34 42.00	-0.8
YKA	37.76	311	eP	34 44.00	0.8
S.D. = 1.2 on 18 of 22 obs.					

? APR 05, 1985 10h 38m 14.22± 2.30s
28.722 N ±15.2km 43.585 W ±46.7km
DEPTH = 10.0km (geophysicist)
4.7mb (5 obs.)
NORTH ATLANTIC RIDGE (403)

TUL	44.27	293	eP	46 25.90	0.2
	1.0s	12.60nm		4.7mb	
JCT	48.48	287	iP	47 00.00	0.8
	1.1s	12.66nm		4.9mb	
CCH	50.76	208	eP	47 17.00	0.1
LPB	50.85	211	Pd	47 17.70	-0.1
	1.1s	25.32nm		5.1mb	
ALQ	53.02	294	eP	47 33.00	-0.8
	1.2s	7.81nm		4.5mb	
BDW	54.08	304	eP	47 41.30	-0.2
	1.0s	5.40nm		4.5mb	
EDM	55.62	317	eP	47 51.50	-0.9
YKA	56.22	328	eP	47 57.30	0.8
S.D. = 0.8 on 8 of 8 obs.					

APR 05, 1985 11h 12m 15.98± 0.56s
20.717 N ± 6.8km 120.997 E ± 8.6km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
PHILIPPINE ISLANDS REGION (248)

SZP	3.19	189	iPc	13 05.00	0.0
QZH	4.76	333	ePn	13 26.00	-1.2
			Sn	14 17.00	
[illegible]	6 55	285	eP	13 51.80	-0.7
QZ[illegible]	7 49	290	Pn	14 05.00	-0.7
Q[illegible]Z	10 63	263	eP	14 49.20	0.1
GYA	14.33	296	P	15 39.20	0 6
CD2	18.52	307	P	16 33.60	1.8
BJ[illegible]	19.70	349	eP	16 46.50	1.0
HHC	21.62	340	eP	17 04.50	-0.8
WRA	42.47	161	Pc	20 08.80	-1.0
	0.7s	6.60nm		4.5mb	
ASPA	45.87	163	eP	20 37.00	-0.2
WBN	46.89	173	iPd	20 46.10	0.9
YKA	86.22	23	eP	24 55.70	0.5
YKC	86.28	23	eP	24 55.00	-0.4
S.D. = 0.9 on 14 of 14 obs.					

? APR 05, 1985 11h 32m 38.83± 3.35s
18.630 S ±41.8km 178.366 W ±27.9km
DEPTH = 641.7 ± 42.0 km
3.9mb (6 obs.)
FIJI ISLANDS REGION (181)

KOU	16.46	260	iPd	36 00.00	-0.1
CTAO	33.37	262	eP	38 28.90	0.3
	0.6s	7.55nm		4.5mb	
WRA	44.54	260	Pd	39 57.80	-0.3
	0.4s	2.00nm		3.9mb	
ASPA	44.64	255	eP	39 59.00	0.2
WBN	51.14	251	eP	40 47.00	-0.2
BMN	81.71	43	eP	43 53.10	-0.3
	0.8s	1.32nm		3.5mb	
PNT	85.31	34	eP	44 11.00	0.3
	0.7s	5.00nm		4.3mb	
LTX	86.35	58	eP	44 16.70	0.4
	0.6s	1.21nm		3.8mb	
COL	86.50	13	iP	44 15.90	-0.2
BDW	87.84	43	eP	44 22.60	-0.6
	0.9s	1.03nm		3.6mb	
INK	92.56	15	eP	44 44.00	0.0
YKA	94.97	25	eP	44 55.40	0.4
S.D. = 0.4 on 12 of 12 obs.					

APR 05, 1985 11h 50m 21.86± 0.65s
41.802 N ± 6.5km 25.295 E ± 5.5km
OEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

KDZ	0.17	166	iPgd	50 26.00	0.3
			iSg	50 29.00	
DIM	0.33	41	iP	50 34.00	5.4X
PLD	0.54	305	iPgc	50 32.00	-0.7
			iSg	50 38.00	
JMB	1.17	55	iPc	50 44.00	0.4
			Sg	51 00.00	
MMB	1.19	260	ePg	50 44.00	-0.1
PVL	1.35	356	eP	50 47.00	0.4
VTS	1.75	298	iP	50 53.00	0.6
			iSg	51 16.00	
DMK	1.84	89	ePn	50 52.90	-0.9
VAY	2.10	258	ePg	51 23.60	26.1X
			eSg	51 30.40	
S.D. = 0.7 on 7 of 9 obs.					

APR 05, 1985 12h 07m 27.58± 0.39s
28.763 N ± 8.5km 43.715 W ± 4.9km
DEPTH = 10.0km (geophysicist)
5.0mb (13 obs.) 4.2Msz (2 obs.)
NORTH ATLANTIC RIDGE (403)

FRB	38.45	343	eP	14 51.00	0.1
RLO	43.50	293	eP	15 32.50	-0.4
BHO	43.57	291	e(P)	15 34.00	0.6
TUL	44.15	293	eP	15 35.40	-2.7
	1.3s	50.60nm		5.2mb	
	Z 20s	0.41um		4.3Msz	
CTI	46.29	52	eP	15 55.50	0.3
MOX	46.60	46	e(P)	15 57.00	-0.4
KBA	47.49	51	eP	16 04.00	-0.8
AQU	47.57	57	e(P)	16 05.50	0.2
KHC	47.74	48	iPc	16 06.40	-0.1
	1.5s	26.50nm		5.1mb	
BRG	48.09	46	eP	16 08.20	-1.0
	2.0s	44.00nm		5.2mb	
JCT	48.36	287	eP	16 12.00	0.4
	1.2s	21.88nm		5.1mb	
PRU	48.41	47	eP	16 12.00	0.3
NB2	48.42	32	P	16 11.60	0.0
	1.6s	24.90nm		5.0mb	
FFC	48.87	319	eP	16 16.00	0.9
	1.5s	15.00nm		4.8mb	
SGO	49.13	60	eP	16 17.00	-0.3
DAG	49.52	7	iPc	16 19.80	0.0
	1.2s	18.75nm		5.0mb	
CCH	50.74	208	eP	16 30.00	-0.2
LPB	50.83	211	Pd	16 30.30	-0.7
	1.6s	100.00nm		5.5mb	
	Z 18s	0.17um		4.1Msz	
		eLR		34 30.00	
LTX	51.89	286	eP	16 38.90	0.3
	1.0s	1.20nm		3.8mb X	
SPC	52.11	48	eP	16 40.40	0.2
ALQ	52.89	294	eP	16 47.00	0.7
	1.5s	27.78nm		5.0mb	
OHR	53.20	58	eP	16 47.80	-0.4
BDW	53.96	304	eP	16 54.10	0.1
	1.0s	11.00nm		4.8mb	
ALE	54.26	357	ePc	16 55.00	-0.4
	1.4s	23.00nm		5.0mb	
VAY	54.49	58	eP	16 57.30	-0.3
EDM	55.51	317	ePc	17 05.00	0.0
YKC	56.06	328	eP	17 08.00	-0.7
YKA	56.12	328	eP	17 09.40	0.3
MSU	56.65	299	P	17 14.00	0.4
NEW	58.42	311	P	17 25.00	-0.6
MBC	58.88	344	eP	17 29.00	0.6
EUR	59.32	301	iP	17 30.80	-1.4
	1.0s	2.88nm		4.4mb	
BMN	60.03	302	eP	17 37.70	0.7
	1.2s	1.61nm		4.0mb	
JAS1	63.09	300	eP	17 58.90	1.5
	0.7s	0.60nm		3.9mb X	
INK	63.54	335	eP	18 00.00	0.0
MHI	83.10	52	eP	19 57.00	1.8
SLR	87.82	121	iPc	20 19.50	0.8
S.D. = 0.8 on 37 of 37 obs.					

? APR 05, 1985 12h 07m 49.34±16.09s
16.272 N ±149.km 98.610 W ±57.3km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF GUERRERO, MEXICO (58)

PIO	0.48	75	iP	07 58.50	-0.6
			iS	08 03.50	
VHD	2.04	62	iP	08 25.00	0.7
			iS	08 46.00	
III	2.25	339	iP	08 26.00	-1.3
			iS	08 55.00	
TPM	2.73	351	iP	08 34.00	-0.2
OXM	3.18	341	eP	08 42.00	1.3
S.D. = 1.5 on 5 of 5 obs.					

APR 05, 1985 12h 22m 11.08± 0.89s
42.624 N ± 8.5km 24.120 E ± 6.4km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PLD	0.68	140	iPgc	22 24.00	-0.5
			iSg	22 32.00	
VTS	0.68	268	iPc	22 24.00	-0.5
			iS	22 33.00	
PVL	0.93	56	eP	22 29.00	0.1
MMB	1.07	196	ePg	22 31.00	-0.3
KDZ	1.34	137	iPgd	22 36.00	0.2
			iSg	22 54.00	
VAY	1.74	222	ePn	22 42.50	1.0
S.D. = 0.7 on 6 of 6 obs.					

• APR 05, 1985 12h 40m 38.74± 2.14s
33.380 S ±11.3km 71.871 W ±21.8km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.69	146	iPd	40 51.80	-0.2
			iS	41 06.00	
PEL	1.02	77	iPc	40 58.70	1.9
			i	41 19.10	
			iS	41 23.60	
JACH	1.28	57	iPd	41 00.70	0.2
ZON	3.26	57	eP	41 37.00	8.2X
VCA	5.59	35	ePd	42 00.80	-1.2
			S	43 30.80	
TCA	6.49	74	ePd	42 13.00	-1.5
			S	43 45.20	
CCH	16.74	19	eP	44 33.00	0.3
LPB	17.12	12	eP	44 38.00	0.5
S.D. = 1.4 on 7 of 8 obs.					

APR 05, 1985 13h 00m 13.68± 0.83s
66.263 N ± 8.0km 150.040 W ± 7.9km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 4.2 (PMR).

IMA	1.49	264	eP	00 41.80	1.2
COL	1.66	145	iP	00 42.40	-0.5
FBA	1.66	145	eP	00 42.40	-0.5
TTA	4.22	220	eP	01 18.00	-1.5
TOA	4.50	156	eP	01 24.80	1.3
PWA	4.63	179	eP	01 25.60	0.3
PME	4.68	174	eP	01 25.80	-0.1
DWY	4.99	111	P	01 30.00	-0.4
			S	31 34.00	

PMS 5.04 177 eP 01 32.50 1.3
BRW 5.62 337 eP 01 39.00 -0.1
SVW 5.74 208 eP 01 40.00 -1.0
INK 6.72 65 eP 01 53.00 -1.7X
S.D. = 1.1 on 11 of 12 obs.

APR 05, 1985 13h 00m 23.83± 0.14s
1.799 N ± 2.6km 127.511 E ± 3.5km
DEPTH = 144.5km (14 depth phases)
5.5mb (34 obs.)
HALMAHERA (267)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 20C
Centroid Location:
Origin Time 13:00:25.5 0.5
Lat 1.98N 0.05 Lon 127.62E 0.09
Dep 130.8 3.3 Half-duration 1.8
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.28 0.10 Mtt= 0.16 0.14
Mff=-1.44 0.16 Mrt=-0.40 0.07
Mrf=-0.85 0.08 Mtf= 0.02 0.12
Principal Axes:
T Val= 1.63 Plg=69 Azm=134
N 0.06 13 7
P -1.69 16 273
Best Double Couple:Mo=1.7*10**24
NP1:Strike=344 Dip=31 Slip= 64
NP2: 194 63 105

DAV 5.60 340 eP 01 44.00 -2.1
eS 02 46.00
CGP 7.18 337 eP 02 05.50 -2.0
MAP 9.17 338 iPd 02 32.00 -2.0
iS 03 06.00
PLP 9.64 345 ePc 02 39.30 -1.0
MKS 10.64 229 iPd 02 53.50 0.1
iS 04 50.50
BKB 11.11 254 ePc 03 02.30 2.7X
1.0s 798.50nm 6.3mb
KKM 12.03 291 ePd 03 10.20 -1.6
1.2s 255.80nm 5.6mb
e 03 32.30
KUPT 12.49 198 eP 03 21.60 3.9X
eS 05 07.60
MTN 14.99 166 eP 03 49.00 -0.6
eS 06 40.00
BAG 16.04 335 eP 04 03.00 0.1
eS 07 03.00
KNA 17.48 176 iPc 04 19.40 -0.9
TRT 17.59 237 iPd 04 22.90 1.3
1.1s 810.00nm 6.0mb
MDG 19.55 111 eP 04 43.50 0.9
MOM 20.25 101 eP 04 52.00 2.2
GUMO 20.78 55 eP 04 54.10 -1.1
PJG 20.78 55 eP 04 53.60 -1.6
GUA 20.79 55 eP 04 53.90 -1.4
PMG 22.51 120 eP 05 12.00 -0.2
1.0s 100.00nm 5.2mb
WRA 22.62 163 Pd 05 13.90 0.7
0.8s 289.60nm 5.7mb
WB2 22.63 163 iPc 05 13.20 -0.1
eS 09 14.10
LMG 23.16 118 eP 05 19.50 0.9
MBL 24.02 198 iPc 05 26.70 0.0
HKC 24.16 329 eP 05 29.80 1.8
KGM 24.18 271 ePd 05 29.30 1.0
0.9s 486.10nm 6.0mb
QIZ 24.35 316 P 05 30.40 0.6
pP 06 01.00 151km
eS 09 33.00
QZH 24.57 340 eP 05 33.00 1.2
S 09 40.00
GZH 25.23 328 P 05 39.00 1.0
pP 06 10.00 151km
S 09 55.00
sS 10 40.00
ISO 25.29 153 eP 05 38.00 -0.7
KLM 25.87 273 ePd 05 45.30 1.3
ASPA 26.06 167 iPc 05 44.70 -1.0
0.7s 316.00nm 6.0mb
eS 10 06.00
eScS 16 23.00
IPM 26.59 277 ePd 05 50.80 0.3
0.8s 67.70nm 5.3mb
e 06 24.00 161kmX
e 09 12.00

NAU 26.88 205 iPd 05 53.50 0.4
0.4s 19.00nm 5.1mb
PPI 27.20 266 ePc 05 56.70 0.6
WBN 27.79 182 iPc 06 01.00 -0.3
0.5s 70.00nm 5.6mb
CTA 28.48 141 iPc 06 07.60 0.0
0.7s 10.27nm 4.7mb
iS 11 39.00
CTAO 28.48 141 eP 06 07.80 0.2
1.3s 130.91nm 5.5mb
PSI 28.58 272 iP 06 08.00 -0.5
1.0s 150.40nm 5.7mb
TSI 28.96 274 e(P) 06 10.00 -2.0
MEK 29.54 196 eP 06 15.50 -1.5
LOE 29.70 303 eP 06 17.00 -1.5
SSE 29.75 349 eP 06 19.00 0.4
NST 30.31 299 iPd 06 24.00 0.2
NJ2 31.18 346 eP 06 31.00 -0.2
pP 07 04.60 159kmX
WHN 31.19 338 Pd 06 33.00 1.6
pP 07 04.50 148km
iS 11 31.00
GYA 31.66 323 P 06 36.60 0.9
CHTO 32.70 303 iPd 06 45.00 0.3
1.0s 35.00nm 5.1mb
eS 12 06.00
MRWA 32.75 199 iPc 06 43.90 -1.1
0.4s 36.00nm 5.5mb
KLG 32.91 190 eP 06 45.00 -1.4
SHK 32.92 8 eP 06 45.50 -0.9
KMI 33.30 316 Pd 06 50.50 0.5
N 16s 1.00um
sP 07 19.00
eS 12 00.00
HNR 34.18 110 eP 07 06.00 8.5X
KLB 34.47 195 iPc 06 58.80 -1.0
RMQ 34.81 145 eP 07 02.00 -0.7
MUN 35.26 197 iPc 07 05.30 -1.1
TIA 35.57 345 P 07 08.80 -0.2
pP 07 42.80 154km
PcP 09 35.40
NWAO 35.88 195 iPc 07 11.10 -0.5
MAT 35.96 15 iPc 07 10.50 -1.8
1.5s 172.22nm 5.6mb
eS 12 45.00
STK 36.06 159 iPc 07 12.80 -0.3
0.8s 233.00nm 6.0mb
XAN 36.48 334 eP 07 17.10 0.4
pP 07 47.70 136km
S 12 49.00
CD2 36.66 325 P 07 18.80 0.6
S 12 51.00
RKG 37.02 195 iPc 07 25.80 4.6X
0.7s 118.00nm 5.7mb
CMS 37.40 154 eP 07 24.00 -0.4
BRS 37.87 142 iPc 07 27.60 -0.8
i 08 00.00 147km
iPP 08 57.00
i 13 18.00
ADE 38.05 165 iPc 07 30.00 0.1
0.7s 219.18nm 6.0mb
TIY 38.33 341 P 07 32.70 0.4
pP 08 06.00 151km
PcP 09 43.50
S 13 16.00
BJI 39.43 346 eP 07 42.00 0.8
pP 08 16.50 157kmX
PcP 09 48.00
ScP 13 23.00
eS 13 33.50
ScS 17 37.00
COO 39.70 146 iPc 07 43.60 0.0
1.0s 92.00nm 5.5mb
SNY 40.01 355 eP 07 45.90 0.1
S 13 38.00
SS 16 41.00
LZH 40.55 330 Pc 07 53.50 2.8X
2.0s 169.00nm 5.4mb
pP 08 22.50 128kmX
YOU 40.90 153 iPc 07 53.70 0.4
ipP 08 25.90 145km
HHC 41.46 342 eP 07 58.00 0.0
pP 08 32.50 156kmX
BTO 41.75 340 eP 08 01.00 0.7
CN2 41.86 358 eP 08 01.00 -0.1
pP 08 32.50 141km
PcP 09 55.00

PPP 10 14.00
S 14 02.00
ScS 17 49.50
CAN 42.05 153 iPc 08 03.40 0.6
ipP 08 35.30 143km
KOU 42.32 124 iPc 08 04.00 -1.1
TOO 42.57 159 iPd 08 07.90 0.9
MDJ 42.68 2 iPc 08 07.60 -0.1
WAM 42.73 154 eP 08 09.30 1.1
epP 08 40.60 139km
LSA 44.30 312 Pd 08 23.30 1.7
eS 14 46.50
PVC 44.63 118 iPc 08 24.50 0.7
NOU 44.91 124 iPc 08 25.90 -0.1
GTA 45.14 329 iPc 08 29.30 1.6
pP 09 01.40 142km
PcP 10 06.50
ScP 13 45.30
eS 14 55.70
ScS 18 08.90
PKI 47.73 306 P 08 48.60 0.1
0.5s 17.00nm 5.0mb
KKN 47.92 307 iPd 08 50.20 0.3
TAU 47.95 160 iPd 08 50.10 0.6
DMN 47.99 306 iPd 08 51.00 0.6
0.7s 38.00nm 5.2mb
HYB 50.52 291 iPd 09 10.00 0.4
1.2s 121.40nm 5.5mb
e 09 36.50 112kmX
GBA 50.88 286 Pd 09 11.90 -0.4
1.1s 96.20nm 5.5mb
WMQ 54.74 325 P 09 41.00 0.4
pP 10 13.50 139km
sP 10 29.50
iS 17 11.00
ScS 19 12.00
POO 55.12 291 iPd 09 43.00 -0.7
KRP 59.37 137 P 10 12.90 -0.2
KSH 59.92 316 P 10 19.00 1.9
S 18 22.00
ScS 19 51.00
QUE 63.84 303 eP 10 43.90 0.5
eS 19 09.00
MHI 71.30 308 iPc 11 30.20 0.4
i 12 04.00 137km
SHI 76.07 300 eP 11 57.00 -0.6
AVY 80.92 251 ePd 12 24.00 -0.1
TAB 81.95 308 e(P) 12 28.00 -1.1
MAW 82.23 200 eP 12 30.00 0.3
TTA 82.26 27 eP 12 31.40 1.3
SBA 82.33 172 iPc 12 31.10 1.0
KDC 83.14 32 eP 12 35.40 0.9
BRW 83.75 18 eP 12 39.00 1.6
IMA 83.82 24 eP 12 39.00 0.9
1.0s 63.00nm 5.4mb
PMR 85.26 28 P 12 44.80 -0.3
PME 85.31 28 eP 12 45.60 0.2
1.0s 85.00nm 5.5mb
NAI 90.75 269 eP 13 13.00 0.4
1.0s 40.00nm 5.5mb
INK 91.67 22 eP 13 15.00 -0.4
SPA 91.79 180 iPc 13 16.70 0.5
1.1s 38.69nm 5.5mb
KJF 92.66 334 iP 13 18.50 -1.6
0.7s 14.70nm 5.3mb
SUF 93.61 333 iP 13 22.80 -1.7
0.3s 1.00nm 4.5mb
MBC 93.65 13 eP 13 24.00 -0.5
VRI 96.22 316 eP 13 36.50 -0.3
MLR 96.82 316 eP 13 40.00 0.3
BUL 98.97 250 iPc 13 49.60 -0.2
1.0s 6.00nm 5.1mb
CLO 99.08 316 eP 13 50.00 0.3
DAG 99.27 353 eP 13 33.00 -17.0x
i 13 49.00 55kmX
HFS 100.08 332 ePdiff13 51.90 -2.6
0.8s 2.50nm 4.8mb
NB2 100.85 334 Pdiff 13 55.60 -1.8
0.9s 3.60nm 5.0mb
YKA 100.92 25 ePdiff13 58.20 0.7
YKC 100.98 25 ePdiff13 58.00 0.2
EDM 105.53 33 ePKP 18 31.00 -0.2
EUR 109.00 47 iPKP 18 38.80 0.3
0.2s 4.19nm
MSU 112.11 47 PKP 18 54.80 10.4X
BDW 112.26 42 PKP 18 53.80 9.3X
RSSD 115.22 39 ePKP 18 49.30 -0.9

05d 13h

	0.5s	7.64nm				
GOL	116.46	43	ePKP	18	52.90	0.2
	0.9s	8.33nm				
ALQ	117.73	49	ePKP	18	55.00	-0.2
	1.0s	11.75nm				
LHC	120.67	28	ePKP	18	59.50	-0.6
LTX	122.14	53	ePKP	19	04.00	0.4
	0.8s	2.63nm				
JCT	124.70	51	iPKP	19	08.50	0.0
	1.0s	72.50nm				
			e	19	41.00	
TUL	124.91	43	ePKP	19	08.60	-0.1
	0.8s	20.80nm				
RLO	125.28	42	ePKPd	19	09.50	0.1
BHO	126.38	44	ePKPd	19	11.60	0.0
	0.8s	5.20nm				
OTT	128.69	21	ePKP	19	15.00	-0.6
MNT	129.31	19	ePKP	19	14.00	-2.8X
KIC	131.65	280	ePKP	19	22.70	0.5
			e	22	34.80	
LNV	143.44	153	iPKPc	19	40.50	-2.7X
PEL	144.45	153	iPKPc	19	44.00	-1.1
MDZ	145.47	155	i(PKP)	19	51.60	4.7X
TCA	148.47	160	e(PKP)	19	52.30	0.5
PSO	154.99	83	ePKP	20	04.00	1.9
YJA	156.12	149	ePKPc	20	05.60	2.1
BOG	157.52	73	ePKP	20	05.50	0.2
LPB	158.78	135	PKP	20	07.00	0.3
	1.1s	50.63nm				
			i	20	45.00	

S.D. = 1.0 on 133 of 144 obs.

& APR 05, 1985 13h 29m 04.81s
61.884 N 149.297 W
DEPTH = 43.7km
SOUTHERN ALASKA (2)
<AGS-P>.

MSE	0.16	106	iP	29	12.39	0.0
GHO	0.21	122	iP	29	12.53	-0.2
PME	0.29	154	eP	29	12.60	-0.7
PLRM	0.30	165	iP	29	12.69	-0.7
			iS	29	19.40	
PWA	0.30	230	eP	29	13.20	-0.9
SML	0.46	99	iP	29	14.85	-0.5
KNK	0.62	139	eP	29	16.72	-0.7
PMS	0.65	191	iP	29	16.92	-0.9
SCM	0.94	92	iP	29	21.21	-0.6
PTE	1.03	173	iP	29	22.06	-0.9
			iS	29	36.97	
TTV	1.34	128	eP	29	27.40	0.0
			iS	29	45.87	
MPA	1.40	181	eP	29	26.79	-1.4
			eS	29	45.11	
CGLM	1.42	247	iP	29	28.00	-0.6
SLKM	1.45	198	eP	29	27.67	-1.3
GLI	1.46	133	iP	29	28.96	-0.2
NKA	1.48	220	eP	29	30.08	0.7
TOA	1.49	80	eP	29	29.50	-0.1
SPU	1.50	243	eP	29	28.91	-0.8
CRP	1.50	247	eP	29	29.52	-0.3
			iS	29	48.83	
VZW	1.50	121	iP	29	30.22	-0.3
VLZ	1.61	117	eP	29	30.46	-0.7
KLU	1.66	102	iP	29	31.43	-0.5
FID	1.77	129	eP	29	32.62	-0.9
SEW	1.79	182	eP	29	32.18	-1.5
RDT	2.00	230	eP	29	35.27	-1.5
HIN	2.02	137	eP	29	36.33	-0.7
KMP	2.07	98	eP	29	37.13	-0.7
NNL	2.09	209	eP	29	38.63	0.6
BRLK	2.27	231	eP	29	38.47	-2.1
SGAM	2.42	123	eP	29	41.95	-0.8
ILM	2.42	227	eP	29	42.23	-0.6
FBA	3.10	12	eP	29	51.00	-1.5
SVW	3.13	258	eP	29	50.50	-2.4
PDB	3.19	231	eP	29	51.24	-2.5
TTA	3.30	291	eP	29	52.60	-2.8
BALM	3.44	101	eP	29	55.59	-1.9
YAH	3.97	139	eP	30	03.43	-1.5
IMA	4.62	337	eP	30	12.10	-2.0

38 obs. associated

• APR 05, 1985 14h 39m 38.39± 0.61s
55 038 S ±11.6km 2.021 W ±15.2km
DEPTH = 10.0km (geophysicist)
5.4mb (2 obs.) 4.8Msz (2 obs.)

SOUTH ATLANTIC RIDGE (410)

SNA	15.34	180	eP	43	16.50	0.4
VIR	34.08	50	eP	46	33.00	8.0X
SPA	35.14	180	e(P)	46	29.30	-4.6X
BPI	36.25	50	e(P)	46	50.00	6.4X
EVA	36.42	51	eP	46	55.00	10.0X
SLR	36.74	50	iPc	46	56.50	8.9X
	1.0s	25.00nm				5.0mb
Z	20s	1.77um				4.8Msz
BUL	41.82	46	eP	47	29.80	0.0
LSZ	46.04	42	iP	48	04.00	0.1
			i	48	13.90	
SBA	47.19	177	eP	47	54.20	-18.0X
TET	47.48	49	eP	48	26.00	10.8X
LNV	51.46	264	iP	48	54.00	8.4X
PEL	51.63	265	iPd	48	47.10	0.0
			i	48	57.10	
JACH	51.92	266	eP	48	59.20	9.9X
ITR	54.43	314	eP	49	18.00	10.1X
SOB1	55.08	311	e(P)	49	21.00	8.3X
KIC	61.22	357	eP	49	56.40	0.8
			e	50	07.30	
LPB	62.93	280	P	50	07.80	0.2
	1.5s	122.22nm				5.9mb
Z	22s	0.56um				4.7Msz
			i	50	18.00	
			eLR	09	10.00	
ARE	64.91	277	eP	50	31.00	10.5X
TIO	85.73	355	iP	52	22.00	3.5X
			i	52	32.00	
FRB	129.08	328	ePKP	58	55.00	8.4X
EDM	141.19	297	ePKPd	59	09.80	0.1
PGC	144.20	285	ePKP	59	23.00	8.0X
YKC	145.72	310	ePKP	59	14.50	-2.7X
YKA	145.78	310	ePKP	59	15.70	-1.6
MAT	147.25	108	(PKP)	59	30.00	9.5X
	1.5s	58.33nm				
MBC	149.01	336	ePKP	59	26.00	3.9X
INK	154.27	320	ePKP	59	35.00	5.1X
			pP	59	48.00	

S.D. = 0.8 on 8 of 27 obs.

? APR 05, 1985 15h 30m 19.79± 2.29s
10.073 N ±31.6km 62.841 W ±40.1km
DEPTH = 33.0km (normal)
NEAR COAST OF VENEZUELA (97)

BIM	4.74	21	eP	31	31.62	0.7
			S	32	12.40	
MVM	4.84	23	eP	31	32.07	-0.2
FDF	4.92	19	eP	31	32.93	-0.5
			S	32	14.90	
CRM	5.02	22	eP	31	34.84	0.0
YKA	64.10	336	eP	40	52.70	0.0
HFS	74.62	30	eP	41	57.30	0.0
	0.5s	2.70nm				4.5mb X

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

& APR 05, 1985 17h 52m 13.85s
60.770 N 151.894 W
DEPTH = 82.7km
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

RDT	0.32	232	iP	52	26.86	0.0
			iS	52	36.78	
NKA	0.32	95	iP	52	27.60	0.9
SPU	0.42	349	iP	52	27.19	-0.3
CRP	0.51	346	iP	52	27.73	-0.6
			eS	52	38.46	
CGLM	0.54	354	iP	52	27.83	-0.7
			iS	52	38.79	
ILM	0.75	218	iP	52	29.87	-0.6
			iS	52	42.41	
SLKM	0.87	107	iP	52	30.66	-1.1
			iS	52	44.70	
BRLK	1.13	153	iP	52	34.61	-0.3
			eS	52	49.32	
PMS	1.23	66	iP	52	35.68	-0.6
MPA	1.28	102	iP	52	35.51	-1.3
			eS	52	53.07	
PWA	1.32	47	eP	52	37.26	0.0
SEW	1.38	118	eP	52	36.42	-1.7
PTE	1.41	85	iP	52	37.08	-1.4
PDB	1.51	230	iP	52	38.83	-1.0
			iS	52	57.89	
PLRM	1.57	57	eP	52	39.58	-1.0
AUL	1.59	210	eP	52	40.78	-0.1
PME	1.63	57	eP	52	40.08	-1.3
GHO	1.75	54	iP	52	42.12	-1.0
			iS	53	03.62	
MSE	1.77	52	iP	52	41.87	-1.6
KNK	1.79	67	eP	52	42.32	-1.2
SVW	1.85	282	iP	52	42.98	-1.4
			eS	53	05.35	
SML	2.01	57	eP	52	44.64	-1.9
TTV	2.35	81	eP	52	48.66	-2.5
GLI	2.35	85	eP	52	47.90	-3.3
SCM	2.45	62	eP	52	51.18	-1.4
VZW	2.62	81	eP	52	51.92	-3.1
FID	2.66	88	eP	52	51.34	-4.0
VLZ	2.74	80	eP	52	54.18	-2.2
KLU	2.99	73	iP	52	57.24	-2.8
KDC	3.05	186	eP	52	58.29	-2.4
TOA	3.06	62	eP	52	59.59	-1.4
SGAM	3.31	92	eP	53	00.89	-3.4
KMP	3.41	74	eP	53	03.10	-2.8
COL	4.55	23	eP	53	20.00	-1.7
BALM	4.67	83	eP	53	19.55	-3.9

35 obs. associated

? APR 05, 1985 18h 07m 14.42± 6.96s
52.113 N ±88.3km 170.988 E ±37.1km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
NEAR ISLANDS, ALEUTIAN ISLANDS (5)

SMY	2.01	71	eP	07	46.40	-0.2
TTA	20.51	45	eP	11	51.60	-0.4
KDC	21.53	60	e(P)	12	02.50	0.2
IMA	22.49	38	e(P)	12	12.00	0.0
COL	24.51	43	eP	12	33.00	1.5
	0.8s	10.45nm				4.5mb
INK	30.61	37	eP	13	26.00	-1.1
YKA	39.27	45	eP	14	41.70	0.6
YKC	39.33	45	eP	14	41.00	-0.6

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

• APR 05, 1985 18h 36m 20.62± 0.87s
28.081 S ±15.8km 74.059 E ±15.7km
DEPTH = 10.0km (geophysicist)
5.0mb (6 obs.)
MID-INDIAN RISE (429)

HYB	45.44	6	eP	44	41.50	-0.1
CHTO	52.47	30	eP	45	36.00	0.0
ASPA	53.57	100	eP	45	45.00	0.8
	0.9s	23.00nm				5.2mb
WRA	55.19	96	Pc	45	55.00	-1.1
	0.9s	13.20nm				5.0mb
DMN	56.38	12	PKP	46	04.40	-0.3
	1.2s	13.00nm				4.8mb
PKI	56.40	12	PKP	46	04.00	-0.9
	1.2s	12.00nm				4.8mb
KKN	56.58	12	PKP	46	05.40	-0.7
	1.2s	24.00nm				5.1mb
QUE	58.34	353	eP	46	18.60	0.2
KMI	59.67	30	eP	46	28.50	0.7
CD2	65.14	28	eP	47	03.50	-0.5
MHI	65.49	347	eP	47	06.00	-0.2
CTAO	65.56	101	eP	47	07.10	0.2
	1.3s	17.35nm				5.1mb
TIY	74.68	31	eP	48	03.20	1.0
TIA	75.72	35	eP	48	09.20	1.1
VAY	83.89	324	eP	48	52.00	0.2
MLR	85.29	328	eP	49	00.00	1.1
CN2	85.63	35	eP	49	05.80	5.4X
YKA	145.11	7	ePKP	55	58.90	-0.3
YKC	145.14	7	ePKP	55	58.00	-1.3

S.D. = 0.8 on 18 of 19 obs.

APR 05, 1985 19h 38m 17.23± 0.46s
4.889 N ± 8.4km 82.557 W ± 5.5km
DEPTH = 10.0km (geophysicist)
4.8mb (8 obs.) 4.2Msz (1 obs.)
SOUTH OF PANAMA (83)

UPA	5.05	36	iPd	39	34.90	0.0
	0.8s	298.51nm				5.9mb X
			i	39	45.50	
			iS	40	33.50	
			i	40	40.10	
PSO	6.38	125	iP	39	54.00	-0.1

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BOG      8.47   91 eP     40 25.50    2.3
UAV     11.92   71 eP     41 12.40    1.9
SDV     12.48   71 e(P)   41 15.90   -2.2
TOV     13.56   68 eP     41 32.80    0.5
VHO     18.53  313 iPc    42 37.00    1.0
SJG     20.74   49 iPc    43 01.40    0.7
TPM     21.34  312 iP     43 09.00    1.9
OXM     22.00  312 eP     43 15.00    1.1
LPB     25.64  146 Pc     43 48.30   -1.0
        1.1s     60.76nm          5.2mb
     Z  20s      0.71um          4.2Msz
                 LR  52 00.00
CCH     27.43  144 P      44 06.20    0.5
LTX     31.47  323 e(P)   44 41.00   -0.5
ALQ     37.19  327 eP     45 31.00    0.3
        1.0s     14.50nm          4.7mb
GOL     40.32  332 eP     45 57.00    0.2
        0.9s      1.52nm          3.7mb X
GLA     41.10  317 eP     46 04.00    0.9
TPC     42.55  317 eP     46 15.00    0.1
PLM     42.67  316 eP     46 17.00    0.9
RSSD    43.40  337 eP     46 22.50    0.5
        1.5s     11.14nm          4.4mb
GSC     43.75  318 eP     46 25.00    0.3
SBB     44.08  317 eP     46 27.00   -0.4
BDW     44.69  332 eP     46 32.00   -0.5
        0.9s      2.22nm          4.1mb
MNA     46.47  321 iPc    46 47.30    0.7
BMN     47.14  324 eP     46 52.00    0.2
        0.7s      5.22nm          4.7mb
ORV     49.24  320 eP     47 08.30    0.3
SCH     51.39   12 eP     47 23.00   -1.2
FFC     52.12  346 eP     47 28.50   -1.1
        1.5s     20.00nm          4.8mb
PNT     54.24  331 eP     47 45.00   -0.5
        0.9s     14.00nm          5.0mb
EDM     54.39  338 ePc    47 45.00   -1.5
FRB     59.62    7 eP     48 22.00   -1.4
YKC     62.10  344 eP     48 39.00   -1.4
        0.6s      5.00nm          4.9mb
YKA     62.15  344 eP     48 39.90   -0.8
INK     71.81  342 eP     49 42.00    0.3
MBC     74.15  351 eP     49 55.00   -0.2
KKN    145.46   19 ePKP   57 57.50   -0.7
        1.0s     22.00nm
DMN    145.57   20 ePKP   57 58.20   -0.3
        1.2s     30.00nm
PKI    145.70   19 ePKP   57 58.00   -0.8
        1.0s     14.00nm
HYB    151.03   40 ePKP   58 12.50    5.5X
     S.D = 1.0  on  37 of  38 obs.

*  APR  05, 1985  21h 43m 37.30± 1.54s
   31.029 S ±10.3km   68.503 W ±16.1km
   DEPTH =  77.4 ± 21.5 km
 SAN JUAN PROVINCE, ARGENTINA     (137)

RTLL    0.30  175 iPd    43 50.00    0.5
RTCB    0.52  209 iPd    43 50.30   -1.0
                S       44 01.80
CFA     0.62  159 iPd    43 52.50    0.3
                S       44 05.70
MDZ     1.87  189 iP     44 08.40    0.4
                iS      44 28.50
VCA     2.30    7 ePd    44 14.10    0.2
                S       44 45.00
TCA     3.37   96 iPd    44 28.30   -0.4
                S       45 08.50
     S.D. = 0.9  on   6 of   6 obs.

?  APR  05, 1985  22h 10m 20.41± 4.00s
   38.245 S ±35.8km   71.661 W ±20.6km
   DEPTH =  33.0km  (normal)
 S. CHILE-ARGENTINA BORDER REGION(145)

LNV     4.28    3 iPc    11 25.20    0.3
RFA     4.32   38 ePd    11 26.20    0.7
PEL     5.15    9 iPd    11 37.00   -0.3
                i       12 24.40
                i       12 47.00
                i(S)    13 01.70
JACH    5.62    9 iPc    11 43.80   -0.1
MDZ     5.82   24 e(P)   11 52.70    6.0X
TCA     9.01   42 ePc    12 30.60   -0.7
CCH    21.34   15 P      15 07.00   -0.2
ARE    21.70    0 eP     15 10.00   -0.8
LPB    21.86    9 iP     15 13.80    1.3
     S.D. = 0.8  on   8 of   9 obs.

*  APR  05, 1985  22h 44m 17.88± 0.86s
   17.750 S ± 9.0km  168.082 E ±10.9km
   DEPTH =  33.0km  (normal)
   4.0mb (  1 obs.)
 VANUATU ISLANDS                  (186)

PVC     0.22   87 iPc    44 23.50   -1.2
                iS      44 34.00
KOU     4.55  231 iPc    45 25.40   -0.9
                iS      46 27.40
NOU     4.79  198 iPc    45 29.50    0.0
                iS      46 24.00
HNR    11.44  315 eP     47 04.00    2.0
VSG    11.73  315 eP     47 06.00    0.0
SVO    11.73  316 P      47 05.00   -1.0
                S       48 55.00
CTA    20.78  260 eP     48 59.00    0.2
                iS      53 11.00
KRP    21.14  163 P      49 04.10    1.8
WRA    31.98  261 Pc     50 43.00   -0.4
        0.6s      1.20nm          4.0mb
ASPA   32.46  254 eP     50 47.00   -0.5
     S.D. = 1.2  on  10 of  10 obs.

%  APR  05, 1985  23h 26m 52.42± 1.14s
   46.477 N ±11.4km    2.334 E ± 7.3km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                           (538)
      ML 1.9 (LDG).

TCF     0.21  205 Pg     26 57.50    0.5
                Sg      27 00.80
MZF     0.31  146 Pg     26 58.60   -0.4
                Sg      27 02.50
BGF     0.36   77 Pg     27 00.40    0.5
                Sg      27 05.50
LSF     0.60  248 Pg     27 04.30   -0.3
                Sg      27 12.00
SMF     1.05   80 Pg     27 11.90   -0.4
                Sg      27 26.20
     S.D. = 0.7  on   5 of   5 obs.

*  APR  06, 1985  01h 24m 32.92± 1.59s
   50.418 N ±25.2km   18.749 E ±11.9km
   DEPTH =  10.0km  (geophysicist)
 POLAND                           (548)
      ML 3.0 (KRA).

KRA     0.85  115 ePg     24 48.30   -0.9
                iSg     24 59.20
SPC     1.57  141 i(Pn)   25 01.90    0.9
                i(Sn)   25 23.80
KSP     1.62  286 ePn     25 02.30    0.7
                iPg     25 04.90
                iS      25 26.00
JOS     2.25  148 ePn     25 11.10    0.3
PRU     2.74  263 ePg     25 25.50    7.8X
                Sg      26 00.50
BRG     3.09  280 e(Pg)   25 32.00    9.4X
                eSg     26 14.00
KHC     3.59  251 ePn     25 28.80   -1.0
                eSn     26 13.00
                Sg      26 26.80
     S.D. = 1.3  on   5 of   7 obs.

*  APR  06, 1985  01h 50m 59.74± 0.85s
   32.079 N ±11.9km  116.041 W ± 5.8km
   DEPTH =   5.0km  (geophysicist)
 CALIFORNIA-MEXICO BORDER REGION ( 45)

ENX     0.56  250 iPd    51 10.88   -0.2
                S       51 18.67
CBX     0.58  294 iPc    51 12.06    0.8
                S       51 20.36
PBX     0.67  239 iPd    51 12.68   -0.4
                S       51 21.44
EMX     0.68   97 iPc    51 14.14    0.7
                S       51 24.20
GLA     1.41   46 eP     51 25.20   -1.0
     S.D. = 1.0  on   5 of   5 obs.

*  APR  06, 1985  01h 52m 13.88± 1.94s
   20.939 S ±11.7km   65.878 W ±24.4km
   DEPTH = 344.6 ± 28.3 km
 SOUTHERN BOLIVIA                 (125)

YJA     1.27  164 iPd    53 01.00   -0.2
                (S)     53 32.80
CCH     3.55  356 iPc    53 17.50   -1.3
        0.5s     14.00nm
SLA     3.79  175 ePd    53 22.70    1.7
LPB     4.86  334 iPc    53 33.30    0.6
        1.0s    200.00nm
ANT     5.02  236 iP     53 32.80   -1.2
                iS      54 41.70
ARE     6.94  309 iPc    53 57.50    1.1
                iS      55 18.00
VCA     8.05  195 ePc    54 12.00    2 6X
TCA    10.42  174 ePd    54 37.30   -0 6
     S.D. = 1.6  on   7 of   8 obs

   APR  06, 1985  03h 05m 59.24± 0.49s
    4.215 S ± 6.1km  136.230 E ±12.0km
   DEPTH =  33.0km  (normal)
   4.7mb (  7 obs.)
 WEST IRIAN REGION                (196)

AAI     8.03  273 eP     08 04.30    7.7X
MTN     9.95  210 eP     08 24.00    1.0
                eS      10 16.00
KNA    13.61  212 eP     09 12.00   -0.4
        0.4s     61.00nm          5.8mb X
                eS      11 43.00
WB2    15.74  187 eP     09 36.70   -3.6X
                i       09 46.00
                eS      12 29.80
WRA    15.74  187 Pc     09 34.70   -5.6X
        0.7s      4.10nm          3.7mb
PCI    16.70  281 eP     10 01.20    8.7X
        1.0s      3.50nm          3.4mb X
ISO    16.72  169 eP     09 50.00   -2.7
                eS      13 10.00
CTA    18.56  149 iPd    10 15.90    0.4
        0.5s     14.79nm          4.4mb
CTAO   18.56  149 eP     10 15.90    0.4
        1.0s     18.00nm          4.2mb
PLP    18.94  324 eP     10 18.00   -2 3
ASPA   19.47  186 eP     10 26.00   -0.5
        0.9s    133.00nm          5.2mb
                eS      13 57.00
KKM    22.43  297 ePd    11 00.40    3.5X
MBL    23.18  222 eP     11 08.00    3.9X
WBN    23.68  202 eP     11 12.00    3.1X
BAG    25.68  323 eP     11 28.00   -0.3
NAU    27.11  226 eP     11 44.00    2.8X
ADE    30.68  176 iPc    12 14.50    1.2
PPI    35.99  275 eP     13 02.70    3.3X
WHN    40.40  330 eP     13 36.50    0.5
GYA    41.82  318 P      13 48.00    0.1
CHTO   43.26  303 iP     14 00.00    0.3
        1.1s      8.24nm          4.4mb
KMI    43.68  314 Pd     14 04.50    1.2
XAN    45.96  328 eP     14 20.40   -0.7
CD2    46.70  321 eP     14 27.40    0.4
MDJ    48.97  354 eP     14 35.00   -9.5X
LZH    50.25  326 eP     14 53.50   -1.2
        1.5s     50.00nm          5.3mb
SHL    52.20  307 iP     15 09.60   -0.1
GTA    54.86  326 P      15 29.00    0.0
PKI    58.28  306 eP     15 53.80   -0.1
KKN    58.48  306 eP     15 55.30    0.2
DMN    58.55  306 eP     15 56.10    0.5
        0.6s     15.00nm          5.3mb
WMQ    64.68  323 P      16 36.50    0.1
MHI    81.85  307 eP     18 18.00    1.0
COL    87.88   24 eP     18 47.00    0.6
ARE   145.75  128 ePKP   25 42.00    4 6X
YJA   146.24  142 ePKPd  25 41.20    2 9X
LPB   148.32  131 iPKPc  25 48.00    6 3X
CCH   149.20  135 ePKP   25 51.00    8 6X
     S.D. = 1.0  on  24 of  38 obs

*  APR  06, 1985  03h 20m 12.63± 0.77s
   18.266 N ±11.7km  120.170 E ± 9.1km
   DEPTH =  33.0km  (normal)
   3.5mb (  1 obs.)
 LUZON, PHILIPPINE ISLANDS        (249)
      Felt (II RF) at Pasuquin.

PIP     0.43   82 ePd    20 23.00    0.8
                iS      20 28.00
SZP     0.76  159 ePc    20 26.00   -0.9
                iS      20 38.00
```

06d 03h

CVP	1.67	109	ePc	20	40.00	0.1
			eS	20	58.00	
MAN	3.69	166	eP	21	46.20	37.5X
			eS	22	32.00	
OZH	6.80	348	eP	21	48.20	-4.5X
			S	22	56.70	
GZH	7.99	308	eP	22	08.00	-1.3
			eS	23	26.60	
QIZ	9.82	276	P	22	36.40	1.7
			eS	24	26.00	
XAN	18.65	330	eP	24	30.00	0.0
BJI	21.97	352	eP	25	05.00	-0.4
WRA	40.44	159	Pd	27	54.20	4.4X
	0.3s		0.30nm			3.5mb
	S.D. = 1.3		on 7 of 10 obs.			

? APR 06, 1985 03h 32m 40.86± 1.58s
31.765 N ±22.4km 115.982 W ± 6.4km
DEPTH = 5.0km (geophysicist)
BAJA CALIFORNIA (48)

ENX	0.59	282	iPd	32	52.76	0.0
			S	33	01.67	
PBX	0.62	268	iPd	32	53.30	0.0
			S	33	02.44	
EMX	0.67	70	iPc	32	54.22	0.0
			S	33	02.59	
CBX	0.80	314	iPd	32	56.75	0.0
			S	33	07.89	
	S.D. = 0.9		on 4 of 4 obs.			

% APR 06, 1985 03h 43m 01.03± 1.00s
32.247 S ± 8.3km 117.450 E ±13.1km
DEPTH = 33.0km (normal)
WESTERN AUSTRALIA (590)

NWAO	0.70	195	iPc	43	14.50	0.0
			iS	43	24.10	
KLB	0.70	22	iPd	43	14.20	-0.3
			iS	43	23.30	
MUN	1.09	284	iPd	43	20.00	0 0
			iS	43	33.30	
PKG	1.86	191	eP	43	42.00	10.9X
			iS	44	11.50	
MRWA	3.27	337	eP	43	51.00	-0.1
			eS	44	36.70	
MEK	5.69	10	eP	44	26.00	0.4
			eS	45	27.00	
	S.D. = 0 4		on 5 of 6 obs.			

? APR 06, 1985 03h 53m 51.32± 6.22s
16.755 N ±139.km 62.589 W ±108.km
DEPTH = 33.0km (normol)
LEEWARD ISLANDS (92)

FDF	2.44	145	eP	54	29.41	-0.4
CRM	2.56	141	eP	54	31.29	-0.1
BIM	2.66	146	iPd	54	33.03	0.2
MVM	2.73	143	eP	54	34.06	0.3
SJG	3.66	292	iPc	54	47.00	0.0
	S.D = 0.4		on 5 of 5 obs.			

APR 06, 1985 04h 18m 35.17± 0.37s
46.352 N ± 5.1km 6.371 E ± 3 3km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 3.2 (LDG).

EMS	0 48	126	ePd	18	44.70	-0.3
D ?	0.77	110	eP+	18	50.30	-0.1
MMB	1 15	105	eP	18	57.40	0.6
MAU	1.65	359	Pn	19	04.80	0.4
			Pg	19	07.50	
			Sg	19	29.60	
ZUL	1.79	50	eP+	19	10.20	3.9X
SLE	2 03	45	ePd	19	14.70	4.9X
SSF	2.10	291	Pn	19	11.20	0.5
			Pg	19	16.00	
			Sg	19	42.80	
AVF	2.13	283	Pn	19	10.80	-0.4
			Pg	19	17.20	
			Sg	19	43.50	
VDL	2.15	85	ePd	19	16.70	5 0X
CDF	2.15	16	Pn	19	11.20	-0 5
			Pg	19	17.10	
			Sg	19	44.80	
SAX	2.23	65	ePd	19	18.70	5.7X

BGF	2.44	276	Pn	19	16.00	0.2
			Pg	19	22.80	
			Sg	19	53.80	
MZF	2.63	268	Pn	19	18.80	0.4
			Pg	19	26.20	
			Sg	19	59.00	
GWF	2.76	17	ePn	19	29.60	9.3X
FRF	2.80	176	Pn	19	20.60	-0.2
			Sg	20	03.00	
TCF	2.88	270	Pn	19	22.60	0.6
			Pg	19	30.80	
			Sg	20	07.40	
WLF	3.32	358	Pgc	19	40.20	12.1X
CAF	3.34	246	Pn	19	28.50	0.0
			Sg	20	20.00	
LSF	3.36	270	Pn	19	28.40	-0.3
			Pg	19	39.60	
			Sg	20	22.40	
DOU	3.93	343	Pg	19	55.00	18.2X
GRR	5.32	295	Pn	19	55.60	-0.9
	S.D. = 0.5		on 14 of 21 obs.			

* APR 06, 1985 04h 38m 38.68± 0.71s
12.649 N ± 7.1km 125.720 E ±14.5km
DEPTH = 33.0km (normol)
4.6mb (3 obs.)
SAMAR, PHILIPPINE ISLANDS (251)

PLP	1.64	206	ePc	39	05.60	0.0
			iS	39	28.00	
MAP	2.87	217	iPc	39	25.00	1.8
			iS	39	48.00	
OCP	4.93	294	eP	40	18.00	25.6X
MAN	4.93	294	eP	40	26.20	33.7X
			eS	41	18.20	
DAV	5.53	181	eP	40	14.10	13.3X
BAG	6.23	308	eP	40	10.00	-0.9
CVP	6.28	324	eP	40	08.50	-2.9
GYA	22.57	310	P	43	39.20	1.6
TIA	24.71	343	eP	44	00.40	2.2
KMI	24.98	303	eP	44	02.00	0.8
XAN	26.21	327	eP	44	11.80	-0.6
CD2	27.22	315	eP	44	21.80	0.1
WRA	33.48	165	Pd	45	16.70	-0.5
	1.3s		5.40nm			4.3mb
WB2	33.48	165	eP	45	16.00	-1.2
GTA	35.14	324	eP	45	32.10	0.6
WBN	38.56	179	eP	46	01.00	0.7
	0.5s		38.00nm			5.5mb
MEK	39.64	190	eP	46	08.90	-0.4
PKI	40.46	298	eP	46	16.10	-0.3
KKN	40.62	298	eP	46	17.40	-0.2
MRWA	42.67	193	iPd	46	33.50	-0.5
	0.4s		4.00nm			4.5mb
KLB	44.65	190	eP	46	49.00	-1.0
NWAO	46.04	190	eP	47	01.00	-0.1
COL	77.16	26	eP	50	33.90	3.4X
INK	82.30	22	eP	50	59.00	1.0
	S.D. = 1.3		on 20 of 24 obs.			

APR 06, 1985 04h 42m 00.34± 0.56s
39.527 N ± 5.9km 32.928 E ± 5.6km
DEPTH = 10.0km (geophysicist)
4.4mb (16 obs.) 3.6Msz (1 obs.)
TURKEY (366)

GPA	2.15	292	iPn	42	35.80	-1.0
BCK	2.76	222	iPn	42	45.70	0.2
YLV	2.92	292	iPn	42	48.30	0.6
DST	3.32	273	iPn	42	53.70	0.2
ISK	3.33	299	iPn	42	54.30	0.7
ELL	3.66	222	iPn	43	00.70	2.4
EDC	3.98	283	iPn	43	02.10	-0.6
MFT	4.51	288	iPn	42	59.70	-10.6X
DMK	4.55	302	iPnc	43	10.00	-0.8
IZM	4.56	257	iPn	43	13.00	2.0
CSS	4.57	176	eP	43	10.30	-0.8
EZN	5.10	275	iPn	43	18.10	-0.5
PSN	5.47	321	eP	43	24.00	0.3
JMB	5 63	303	eP	43	26.00	-0.1
DIM	6.12	297	eP	43	32.00	-0.9
KDZ	6.14	293	iPd	43	32.00	-1.3
TLB	6.23	326	eP	43	45 00	10.5X
PLD	6.75	295	eP	43	41.00	-0.9
PVL	6.87	304	iPc	43	44.00	0.5
CGN	6.94	314	eP	43	40.00	-4.6X
PAIG	7.14	276	eP	43	54.50	7.2X

MMB	7.30	289	iPc	43	48.00	-1.7
SRS	7.31	286	ePc	43	48.20	-1.5
ISR	7.33	322	eP	43	50.00	-0.1
VRI	7.81	326	eP	43	55.00	-1.7
KNT	7.83	285	eP	43	55.20	-1.9
MLR	7.88	321	ePd	44	00.00	2.2
VTS	7.96	296	eP	43	58.00	-0.9
VAY	8.10	286	iP	44	01.70	0.9
GRG	8.18	283	eP	44	04.00	2.1
MSL	8.66	108	eP	44	41.50	32.9X
			e	46	42.50	
			e	48	05.00	
RTB	8.75	135	eP	44	56.00	46.3X
			e	47	05.00	
			e	49	40.00	
SKO	9.06	289	ePn	44	12.00	-2.1
CLO	9.32	310	eP	44	20.00	2.3
OHR	9.40	284	ePn	44	19.50	0.6
JOS	12.63	319	eP	45	02.30	-0.4
KBA	16.10	304	iPd	45	53.50	5.0X
	1.0s		8.50nm			3.8mb
PRU	16.69	315	eP	46	00.00	4.4X
KHC	16.81	311	P	45	58.80	1.6
			e	46	32.40	
CTI	16.90	300	e(P)	45	58.50	0.0
BRG	17.48	317	eP	46	05.50	-0.1
	2.0s		44.00nm			4.2mb
			e	46	17.70	
OSS	18.07	301	eP	46	17.80	4.6X
SAX	18.75	302	eP	46	23.40	1.8
LLS	18.88	301	eP	46	24.50	1.3
ZUL	19.44	302	eP	46	29.90	0.1
SLE	19.45	303	eP	46	30.30	0.4
DIX	19.79	298	eP	46	34.60	0.8
EMS	20.11	297	eP	46	35.80	-1.4
ROF	20.46	302	eP	46	39.20	-1.4
NUR	21.63	349	iP	46	55.00	2.6
	Z 18s		0.20um			3.6Msz
			LR	56	30.00	
LBF	22.27	299	eP	46	58.70	-0.3
	0.8s		5.40nm			4.1mb
SMF	22.32	298	eP	46	59.80	0.4
	1.2s		16.00nm			4.4mb
LOR	22.40	300	eP	47	00.70	0.5
	0.9s		8.80nm			4.2mb
SSF	22.61	299	eP	47	02.60	0.4
	1.3s		18.00nm			4.4mb
AVF	22.67	298	eP	47	02.70	-0.2
	1.1s		22.20nm			4.6mb
BGF	22.99	298	eP	47	05.40	-0.6
MZF	23.13	297	eP	47	07.10	-0.3
	1.0s		9.20nm			4.3mb
TCF	23.39	297	eP	47	08.90	-1.1
SUF	23.58	352	iP	47	12.90	1.3
	0.7s		9.60nm			4.5mb
HFS	23.90	336	(P)	47	15.20	0.5
	0.6s		2.40nm			4.0mb
	Z 12s		0.28um			4.0MszX
			LR	56	54.00	
KJF	24.90	355	iP	47	24.80	0.4
	0.7s		12.00nm			4.7mb
NB2	25.38	335	P	47	28.60	-0.4
	0.9s		6.00nm			4.3mb
GRR	25.71	301	eP	47	31.90	-0.2
	1.2s		45.70nm			5.0mb
LPF	25.79	300	eP	47	32.30	-0.6
	0.9s		10.30nm			4.5mb
SOD	28.12	355	eP	47	48.00	-6.0X
DMN	44.51	89	eP	50	13.90	-0.2
	0.9s		40.00nm			5.3mb
KKN	44.56	89	eP	50	13.80	-0.6
	0.8s		20.00nm			5.1mb
FRB	60.05	330	eP	52	09.00	-0.3
INK	72.02	355	eP	53	23.00	-2.7
YKA	75.02	345	eP	53	43.90	0.6
SES	85.02	338	eP	54	37.00	-0.1
	S.D. = 1.2		on 61 of 71 obs.			

* APR 06, 1985 05h 25m 12.37± 1.92s
33.359 S ±10.2km 71.708 W ±20.8km
DEPTH = 33.0km (normol)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.65	157	iPc	25	24.90	-0.1
			iS	25	35.60	
PEL	0.88	76	iPd	25	29.90	1.4
			iS	25	43.50	

JACH	1.15	55	iPc	25	32.60	0.2
MDZ	2.44	80	iP	26	00.20	9.3X
			iS	26	33.60	
ZON	3.13	56	eP	26	08.00	7.4X
VCA	5.50	34	ePd	26	33.50	-0.7
TCA	6.35	73	ePc	26	44.90	-1.3
			S	28	03.20	
ANT	9.68	7	e(P)	27	50.00	17.5X
LPB	17.07	12	eP	29	11.00	0.5
			eLR	34	30.00	

S.D. = 1.2 on 6 of 9 obs.

APR 06, 1985 05h 32m 14.45± 0.42s
51.492 N ± 6.8km 100.858 E ± 8.1km
DEPTH = 33.0km (normal)
4.7mb (10 obs.)
USSR-MONGOLIA BORDER REGION (333)
Felt (IV) at Mondy, USSR.

WMQ	11.72	234	P	35	02.50	0.2
GTA	12.10	184	eP	35	04.00	-3.6X
LZH	15.55	171	eP	35	55.00	2.1
			eLg	40	11.00	
			Lg	40	26.50	
BJI	15.63	131	eP	35	52.00	-1.7
			eLg	40	25.00	
CN2	18.21	105	eP	36	25.40	-0.6
			eS	39	51.40	
SNY	18.28	113	Pd	36	26.20	-0.7
TIA	19.19	136	P	36	38.50	0.4
CD2	20.68	173	eP	36	53.00	-1.0
			eS	40	34.00	
GYA	25.39	168	P	37	40.60	0.3
KKN	26.43	212	eP	37	48.50	-1.6
	0.9s		18.00nm			4.7mb
PKI	26.59	212	eP	37	49.90	-1.8
	1.1s		32.00nm			4.9mb
DMN	26.65	212	eP	37	51.00	-1.2
QUE	32.89	243	eP	38	49.20	1.6
KEV	37.61	327	eP	39	32.00	4.8X
SOD	38.24	323	iP	39	36.60	4.1X
KJF	38.64	318	iP	39	38.20	2.3
	0.6s		10.40nm			4.8mb
SUF	39.77	316	iP	39	47.30	2.0
HFS	46.28	316	eP	40	36.40	-1.7
	0.6s		4.50nm			4.6mb
	Z 11s		0.43um			4.7MszX
			LR	58	04.00	
NB2	46.87	318	P	40	40.60	-2.2
	0.8s		7.50nm			4.7mb
IMA	49.87	31	eP	41	07.00	0.9
MBC	49.94	12	eP	41	06.00	-0.4
BRG	51.31	306	eP	41	15.70	-1.4
PRU	51.54	305	eP	41	22.50	3.7X
COL	52.50	30	iP	41	26.80	0.9
	0.9s		6.72nm			4.6mb
FBA	52.50	30	eP	41	26.10	0.2
	1.0s		6.50nm			4.5mb
KHC	52.56	304	eP	41	17.50	-9.1X
INK	53.92	22	eP	41	36.00	-0.3
KBA	53.97	302	e(P)	41	38.00	0.8
	0.8s		2.40nm			4.3mb
YKA	62.95	18	eP	42	38.80	-0.6
YKC	62.99	18	eP	42	39.00	-0.6
	1.0s		13.00nm			5.0mb
FRB	64.80	355	eP	42	51.00	-0.5
SES	74.93	21	eP	43	53.00	-0.5
WRA	76.94	148	Pc	44	07.10	2.0
	0.3s		0.30nm			3.8mb
WB2	76.95	148	eP	44	07.70	2.6

S.D. = 1.4 on 29 of 34 obs.

? APR 06, 1985 05h 39m 02.60± 1.00s
24.097 S ±13.0km 66.919 W ±11.7km
DEPTH = 220.3 ± 14.3 km
SALTA PROVINCE, ARGENTINA (129)

SLA	1.44	116	iPc	39	38.10	-0.1
			S	40	04.00	
YJA	2.32	34	ePd	39	46.80	0.1
			S	40	16.80	
ANT	3.22	276	iPc	39	56.30	0.0
			iS	40	33.80	
TCA	7.50	165	ePd	40	50.30	0.1
VAO	18.33	91	eP	43	03.00	0.0
			e	43	03.90	
			e	43	05.30	

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

? APR 06, 1985 06h 18m 52.23± 1.19s
17.776 S ±44.0km 178.331 W ±24.7km
DEPTH = 627.8 ± 12.2 km
4.5mb (9 obs.)
FIJI ISLANDS REGION (181)

VUN	3.06	265	eP	20	14.60	0.2
NDF	4.02	270	iPc	20	23.20	3.0X
			eS	21	42.00	
CTAO	33.54	260	eP	24	41.40	-2.6
	0.7s		16.46nm			4.8mb
CMS	35.15	240	iPd	24	57.80	0.6
WRA	44.73	259	Pc	26	14.10	0.4
	0.6s		8.20nm			4.4mb
ASPA	44.90	254	iPc	26	15.70	0.7
WBN	51.46	250	iPc	27	03.70	0.0
	0.4s		25.00nm			4.9mb
MBL	58.08	256	iPc	27	49.50	-0.3
NAU	61.86	254	iPd	28	15.40	0.9
PAS	77.08	48	eP	29	43.00	-0.9
MWC	77.20	48	eP	29	46.00	1.2
RVR	77.56	48	eP	29	46.00	-0.5
SBB	77.60	47	eP	29	46.00	-0.8
CLC	78.36	46	eP	29	50.00	-0.7
TPC	78.56	49	eP	29	52.00	0.2
GSC	78.64	47	eP	29	52.00	-0.3
GLA	78.91	50	eP	29	54.00	0.3
BMN	81.06	43	iP	30	05.10	0.4
	1.1s		10.06nm			4.3mb
EUR	81.38	44	iP	30	07.00	0.5
	0.2s		5.58nm			4.7mb
PNT	84.58	34	eP	30	23.00	1.2
	0.9s		12.00nm			4.5mb
COL	85.66	13	eP	30	27.00	0.3
LTX	85.86	58	iP	30	29.00	0.5
	1.0s		8.00nm			4.4mb
ALQ	85.96	52	eP	30	27.30	-1.7
	1.1s		6.33nm			4.3mb
BDW	87.20	43	eP	30	34.20	-0.6
	1.0s		4.60nm			4.2mb
YKA	94.18	25	eP	31	07.10	1.0
KHC	147.27	345	PKPc	37	29.40	5.0X

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

• APR 06, 1985 06h 58m 28.50± 1.91s
32.602 S ±10.4km 71.592 W ±19.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

JACH	0.85	96	iPc	58	43.40	-0.7
PEL	0.93	126	iPd	58	45.90	0.6
			iS	59	05.60	
LNV	1.36	174	iPd	58	49.60	-1.7
			iS	59	15.20	
MDZ	2.33	98	iP	59	08.50	3.2X
RTCB	2.62	66	ePd	59	08.90	-0.6
			S	59	49.50	
ZON	2.69	68	eP	59	13.00	2.6X
RTLL	2.94	65	eP	59	13.80	-0.2
			(S)	59	59.00	
CFA	3.01	72	ePc	59	14.00	-1.1
			S	00	07.00	
RFA	3.39	131	ePd	59	23.00	2.6
VCA	4.83	38	eP	59	36.20	-4.7X
			S	00	39.00	
TCA	6.08	80	iPd	59	54.80	-3.7X
			S	01	06.00	
LPB	16.31	12	P	02	18.20	1.1

S.D. = 1.6 on 8 of 12 obs.

? APR 06, 1985 07h 55m 40.86±14.78s
52.040 N ±67.1km 17.257 E ±100.1km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.5 (VKA), 3.5 (KBA).

KSP	1.34	207	iPd	56	06.50	0.9
			iS	56	15.80	
BRG	2.38	242	iPg	56	21.50	1.0
			iSg	56	41.00	
PRU	2.68	221	Pn	56	24.50	-0.2
			Pg	56	26.50	
			eSn	56	43.40	
			Sg	56	49.80	
CLL	2.75	256	iPn	56	26.00	0.2
			iPg	56	28.40	
			iSg	56	54.00	
KHC	3.74	220	ePn	56	38.00	-1.9
			Pg	56	46.00	
			Sn	57	15.40	
			Sg	57	24.40	
HOF	3.80	245	ePn	56	40.20	-0.5
MOX	3.80	251	ePg	56	48.50	7.8X
			iSg	57	26.00	
VKA	3.83	189	iPnd	56	54.50	13.4X
			iPg	57	02.30	
			i	57	32.50	
			iSg	57	41.20	
ZST	3.85	182	eP	57	40.50	59.1X
			e(Sg)	58	08.00	
KBA	5.58	209	i(Pn)	57	36.60	0.5
			iSg	58	27.20	

S.D. = 1.2 on 7 of 10 obs.

? APR 06, 1985 08h 02m 05.80± 5.45s
31.177 S ±29.6km 68.588 W ±39.3km
DEPTH = 103.2 ± 54.4 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.18	146	iPd	02	20.70	-0.2
			S	02	32.00	
RTCB	0.36	210	iPd	02	21.30	-0.1
			S	02	33.00	
CFA	0.52	145	iPd	02	22.60	0.3
			S	02	36.00	
VCA	2.45	8	ePd	02	45.20	0.1
			S	03	18.50	
TCA	3.43	94	ePc	02	58.20	-0.1
			S	03	37.00	

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

• APR 06, 1985 08h 19m 46.18± 0.86s
37.274 N ±12.7km 135.080 E ±18.2km
DEPTH = 392.9 ± 13.2 km
3.9mb (5 obs.)
SEA OF JAPAN (660)

MAT	2.61	105	iPd	20	46.20	0.0
	0.8s		104.48nm			
PKI	42.61	272	eP	27	07.60	0.1
	0.5s		5.00nm			4.1mb
KKN	42.62	272	eP	27	06.80	-0.7
	0.5s		12.00nm			4.5mb
GBA	56.22	261	P	28	50.00	0.8
WB2	56.91	181	eP	28	53.70	-0.2
WRA	56.91	181	Pd	28	53.90	0.0
	0.3s		0.80nm			3.6mb
SUF	65.42	331	iP	29	49.40	-0.3
HFS	71.69	333	eP	30	27.60	-0.1
	0.6s		2.20nm			4.0mb
NB2	71.91	335	P	30	29.40	0.3
	0.5s		0.90nm			3.7mb

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

• APR 06, 1985 08h 26m 17.71± 1.01s
35.894 N ± 9.5km 23.425 E ±13.4km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
CRETE (376)
ML 3.4 (ATH).

NPS	1.89	109	ePn	26	49.00	6
			ePg	26	54.00	
ATH	2.09	6	ePn	26	50.50	-6 5
			eSn	27	16.00	
VLS	3.22	316	ePn	27	07.50	6 4
ELL	5.30	79	ePn	27	40.50	3 7X
VAY	5.46	353	eP	27	48.60	1.8
OHR	5.60	339	ePn	27	43.20	2.3X
MMB	5.69	2	iPd	27	41.00	-1.2
KDZ	5.93	14	iP	27	45.00	-0.6
KHC	15.07	334	eP	29	55.00	5.2X
BNG	31.63	189	iPd	32	39.30	-0.7
	0.8s		12.20nm			4.8mb

S.D. = 1.2 on 7 of 10 obs.

APR 06, 1985 08h 54m 31.13± 0.61s
33.636 S ± 5.5km 68.743 W ± 6.4km
DEPTH = 5.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

MDZ	0.76	353	iP	54	46.60	0.3

06d 08h

RFA	1.15	169	iPd	54 53.70	0.5
			S	55 09.80	
PEL	1.70	286	iPd	55 01.50	-0.1
			iS	55 23.00	
JACH	1.82	301	iPc	55 03.60	0.2
CFA	2.07	12	ePd	55 06.90	-0.1
ZON	2.09	2	eP	55 08.00	0.8
RTCB	2.14	359	iPd	55 11.40	3.3X
LNV	2.24	261	iP	55 08.90	-0.6
			iS	55 39.50	
RTLL	2.31	6	ePd	55 10.30	-0.2
TCA	4.19	58	ePc	55 36.50	-0.7
			S	56 42.70	
VCA	4.90	6	eP	55 52.00	4.6X
			S	57 00.50	
SLA	9.32	19	e(P)	57 04.00	14.7X
S.D. = 0.5 on 9 of 12 obs.					

? APR 06, 1985 10h 05m 07.58± 3.08s
35.002 S ±31.2km 70.216 W ±15.1km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

LNV	1.44	316	iPd	05 31.20	-0.3
			iS	05 49.50	
RFA	1.46	81	iPd	05 32.40	0.5
			S	06 51.00	
PEL	1.89	348	iPc	05 37.80	-0.4
			iS	06 00.10	
JACH	2.34	352	iPc	05 45.60	1.0
			iS	06 15.50	
MDZ	2.40	29	iP	05 49.70	4.2X
			iS	06 19.80	
TCA	5.97	54	ePd	06 35.20	-0.8
			S	08 07.10	
S.D. = 1.1 on 5 of 6 obs.					

APR 06, 1985 10h 56m 05.03± 0.54s
43.994 N ±11.2km 16.267 E ± 7.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.5 (TTG), 3.4 (KBA), 3.3 (TRI).

BRY	1.99	123	ePn	56 37.60	-1.6
			eSn	57 07.00	
CEY	2.18	324	ePn	56 42.90	1.0
			iSn	57 10.40	
HCY	2.25	133	ePn	56 43.00	0.2
			eSn	57 14.00	
LJU	2.39	330	ePn	56 46.90	2.1X
			eSn	57 17.80	
			e	57 21.50	
TRI	2.47	315	iPnc	56 47.40	1.5
			iPg	56 53.00	
			iSn	57 21.00	
			iSb	57 31.50	
			iSg	57 35.00	
BDV	2.54	131	ePn	56 47.20	0.3
			eSn	57 22.00	
AQU	2.66	233	e(P)	56 54.00	5.2X
TTG	2.69	125	ePn	56 48.40	-0.7
			eSn	57 24.00	
MNS	3.08	240	ePn	56 57.00	2.5
			e(Sn)	57 40.50	
KBA	3.71	327	i(Pn)	57 05.50	1.8X
			i(Pg)	57 18.20	
			iSn	57 49.10	
			iSg	58 04.20	
SKO	4.30	116	ePn	57 24.30	12.3X
SAL	4.39	294	ePn	57 29.00	15.8X
OHR	4.42	129	ePn	57 13.00	-0.7
CLO	4.80	75	eP	57 20.00	1.0
VAY	5.36	118	ePn	57 28.00	1.0
KHC	5.46	341	ePn	57 21.60	-6.9X
			Sg	58 24.40	
LBF	9.14	293	eP	58 18.90	-1.0
	0.5s		2.20nm		4.8mb X
SMF	9.15	291	eP	58 18.60	-1.4
	0.6s		4.80nm		5.0mb X
LOR	9.29	295	eP	58 20.40	-1.6
	0.5s		2.10nm		4.8mb X
AVF	9.51	292	eP	58 24.20	-0 7
	0.6s		2.90nm		4.9mb X
MZF	9.93	288	eP	58 30.90	0 1
	0.6s		5.00nm		5.1mb X
S.D. = 1.3 on 15 of 21 obs.					

? APR 06, 1985 11h 57m 15.88± 6.96s
16.876 N ±47.3km 99.557 W ±71.2km
DEPTH = 33.0km (normal)
NEAR COAST OF GUERRERO, MEXICO (58)

PIO	1.45	109	eP	57 40.00	0.0
III	1.49	3	iP	57 39.00	-1.9
			iS	57 59.00	
TPM	2.15	13	iP	57 51.00	0.7
			iS	58 21.00	
OXM	2.41	357	iP	57 55.00	0.8
			iS	58 26.00	
IIP	2.53	14	eP	57 56.00	0.1
VHO	2.73	82	iP	58 03.00	4.5X
			iS	58 41.50	
IIC	2.89	6	eP	58 03.00	2.1X
S.D. = 1.5 on 5 of 7 obs.					

* APR 06, 1985 12h 08m 26.22± 0.95s
28.335 N ± 9.9km 91.802 E ±25.4km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
TIBET (306)

SHL	2.76	178	iP	09 08.70	-0.5
			eS	09 42.00	
HYB	16.33	231	eP	12 23.50	8.8X
GBA	19.84	225	P	12 58.00	0.8
	0.8s		5.30nm		3.9mb
SUF	54.09	329	iP	17 49 60	0.0
	0.4s		1.90nm		4.5mb
HFS	60.02	326	eP	18 31.60	-0.2
	0.5s		4.20nm		4.8mb
NB2	61.14	327	P	18 38.60	-0.9
	0.7s		1.50nm		4.2mb
COL	76.31	22	eP	20 14.00	0.8
S.D. = 0.9 on 6 of 7 obs.					

& APR 06, 1985 13h 15m 09.90s
36.580 N 121.310 W
DEPTH = 6.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.2 (PAS).

SLD	0.50	8	eP	15 20.80	0.9
ARN	0.79	347	eP	15 27.00	1.4
PHAM	1.05	135	eP	15 28.70	-1.3
JAS1	1.52	28	eP	15 36.70	-1.0
SYP	2.32	152	eP	15 51.20	1.9
			eS	16 25.40	
WKTM	2.45	108	eP	15 48.50	-2.6
EUR	5.12	54	eP	16 45.50	16.4
7 obs. associated					

& APR 06, 1985 13h 16m 19.10s
36.578 N 121.133 W
DEPTH = 8.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.3 (BRK), 3.4 (PAS).

LLA	0.16	76	iPd	16 22.50	-0.1
PRS	0.31	218	iPd	16 25.20	-0.3
SAO	0.31	307	iPc	16 25.20	-0.3
SLD	0.50	352	eP	16 29.10	-0.1
PRI	0.58	139	iPc	16 30.50	-0.2
			eS	16 39.50	
GCC	0.83	303	iPc	16 34.10	-1.2
ARN	0.83	338	eP	16 35.00	-0.4
MHC	0.86	332	eP	16 35.60	-0.4
PHAM	0.95	141	eP	16 36.70	-0.7
FRI	1.22	70	eP	16 39.90	-2.0
PCC	1.36	313	ePd	16 42.30	-2.0
JAS1	1.46	23	eP	16 44.70	-1.1
			eS	17 04.50	
BKS	1.57	326	eP	16 45.20	-2.0
			e	16 51.60	
SYP	2.25	155	eP	16 58.80	1.4
			eS	17 33.00	
WKTM	2.31	109	eP	16 56.50	-1.7
15 obs. associated					

? APR 06, 1985 13h 34m 37.19± 7.70s
5.184 N ±62.4km 102.617 E ±37.1km
DEPTH = 33 0km (normal)
MALAY PENINSULA (707)

IPM	1.70	249	iPc	35 04.90	0.0
			iS	35 30.00	
			i	35 48.30	
KLM	2.28	205	iPc	35 14.00	0.7
			iS	35 42.00	
KGM	3.22	167	eP	35 26.50	-0.2
			eS	36 05.40	
TSI	4.37	248	e(P)	35 44.00	1.0
PSI	4.44	236	ePc	35 42.50	-1.5
S.D. = 1.3 on 5 of 5 obs.					

APR 06, 1985 14h 23m 33.57± 0.29s
7.161 N ± 6.4km 33.853 W ± 5.4km
DEPTH = 10.0km (geophysicist)
5.0mb (21 obs.) 4.5Msz (3 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)

ITR	16.46	196	eP	27 26.00	-0.3
			i	27 31.00	
			i	27 36.00	
SOB1	17.71	203	eP	27 43.70	1.6
			e	27 48.80	
KIC	28.92	90	eP	29 34.00	-1.2
CCH	40.16	232	P	31 14.00	1.8
LPB	41.26	235	Pc	31 21.20	-0.1
	1.5s		166.67nm		5.5mb
Z	22s		0.74um		4.5Msz
			LR	42 30.00	
YJA	42.56	226	ePc	31 31.80	-0.2
STJ	43.37	341	eP	31 37.50	-0.2
EPF	46.68	35	eP	32 01.70	-2.6
CAF	48.85	34	eP	32 22.20	1.0
LDF	50.17	29	eP	32 32.60	1.3
AVF	50.73	32	eP	32 36.20	0.7
LBF	51.18	33	eP	32 40.20	1.1
	1.0s		7.40nm		4.6mb
LOR	51.30	32	eP	32 40.50	0.6
	1.0s		10.00nm		4.7mb
BLA	51.74	312	P	32 45.00	1.5
MDZ	51.90	218	e(P)	32 44.60	-0.1
PRM	52.07	308	P	32 45.50	-0.5
BNG	52.18	90	iPc	32 46.80	-0.4
	1.0s		19.80nm		5.0mb
EMS	52.27	35	eP	32 48.20	0.7
DIX	52.55	35	eP	32 51.20	1.5
ORO	52.62	36	e(P)	32 50.00	-0.1
MMK	52.85	36	eP	32 52.90	1.0
HAU	53.08	33	eP	32 54.00	0.7
	1.2s		17.80nm		4.9mb
BSF	53.21	33	eP	32 54.80	0.4
	1.2s		22.00nm		5.0mb
DOU	53.47	30	P	32 57.00	0.9
CDF	53.82	33	eP	32 59.40	0.6
	1.2s		11.90nm		4.8mb
ZUL	53.89	34	eP	33 00.20	0.9
LLS	53.90	35	eP	32 59.70	0.2
SCH	54.34	337	eP	33 03.00	0.6
OSS	54.46	36	eP	33 03.60	-0.1
CTI	55.02	37	e(P)	33 13.00	5.2X
KBA	56.55	37	i(P)	33 18.20	-0.6
	1.5s		26.80nm		5.1mb
			i	33 20.50	
GRF	56.68	33	eP	33 19.50	0.0
KHC	57.70	35	P	33 26.50	-0.3
	1.1s		10.50nm		4.8mb
PRU	58.68	34	eP	33 33.00	-0.5
SOP	58.76	38	eP	33 32.60	-1.5
BRG	58.79	33	eP	33 33.80	-0.5
ZST	59.32	37	eP	33 38.00	0.0
SKO	59.75	45	eP	33 41.00	-0.1
SRO	59.89	38	eP	33 44.00	2.1
KSP	60.07	34	eP	33 43.50	0.4
VAY	60.34	46	eP	33 45.50	0.4
CLO	61.71	42	eP	33 55.00	0.6
FR8	61.72	343	eP	33 53.00	-1.1
KRA	61.80	36	eP	33 56.80	1.9
BHO	62.14	305	eP	33 57.70	0.2
RLO	62.62	307	eP	34 00.00	-0.6
TUL	63.18	307	eP	34 03.80	-0.5
	1.1s		61.30nm		5.7mb
Z	19s		0.24um		4.4Msz
			e	34 10.00	
NB2	63.30	23	P	34 05.40	0.6
	1.1s		13.90nm		5.1mb
HFS	63.74	24	eP	34 06.60	-1.0
	0.6s		2.40nm		4.6mb
Z	15s		0 17um		4.4MszX
			LR	54 09.00	

MLR 63.95 43 eP 34 10.00 0.6
OCO 64.45 306 eP 34 13.10 0.4
LSZ 65.38 110 iP 34 18.30 -0.8
JCT 65.69 300 eP 34 19.80 -1.1
1.1s 28.48nm 5.4mb
Z 20s 0.43um 4.6Msz
BPI 68.54 122 eP 34 34.80 -4.3X
SLR 68.60 121 eP 34 37.50 -1.9
NUR 68.65 27 eP 34 37.00 -1.9
Z 23s 0.10um 4.0MszX
LR 59 20.00
LTX 68.94 299 P 34 39.00 -2.5
DAG 70.05 4 iPd 34 46.90 -0.3
0.6s 4.00nm 4.7mb
SUF 70.21 25 iP 34 48.20 -0.2
GOL 71.25 309 P 34 56.00 0.4
KJF 71.45 24 iP 34 55.80 -0.1
0.7s 10.70nm 5.1mb
FFC 71.62 325 iPc 34 56.20 -0.9
1.2s 41.00nm 5.4mb
ALQ 71.68 304 eP 34 55.80 -2.4
1.5s 32.64nm 5.2mb
SOD 72.34 21 eP 34 59.00 -2.2
BDW 74.69 312 P 35 14.50 -1.2
1.3s 23.58nm 5.1mb
ALE 76.26 356 ePc 35 23.30 -0.3
1.2s 28.00nm 5.2mb
pP 35 29.90 21kmX
SES 76.35 320 eP 35 24.00 -0.7
MSU 76.45 308 P 35 26.00 0.2
LRM 76.96 315 eP 35 28.40 -0.1
EDM 78.01 323 eP 35 33.00 -0.9
GLA 78.58 302 eP 35 39.00 1.6
YKC 79.35 332 eP 35 40.00 -0.9
EUR 79.41 309 iP 35 42.50 0.4
1.0s 5.38nm 4.5mb
YKA 79.41 332 eP 35 40.60 -0.7
TPC 79.58 303 eP 35 44.00 1.2
GSC 80.16 305 eP 35 48.00 2.0
NEW 80.22 318 P 35 44.50 -1.5
PLM 80.28 303 eP 35 48.00 1.2
BMN 80.36 310 P 35 47.50 0.5
SDW 80.41 304 P 35 48.50 1.1
CLC 80.79 305 eP 35 51.00 1.7
SBB 81.02 304 eP 35 51.00 0.4
MWC 81.24 303 eP 35 50.00 -1.8
MBC 82.02 346 eP 35 56.00 1.2
1.0s 28.00nm 5.3mb
INK 86.96 338 eP 36 19.00 -0.8
S.D. = 1.1 on 83 of 85 obs.

APR 06, 1985 14h 35m 55.52± 0.59s
4.716 S ± 4.6km 143.997 E ± 6.2km
DEPTH = 106.3 ± 7.3 km
5.1mb (12 obs.)
PAPUA NEW GUINEA (202)

WEW 1.21 342 eP 36 18.50 -0.5
MDG 1.85 107 iP 36 27.60 0.7
LAT 3.55 123 eP 36 50.50 0.8
MOM 4.31 52 eP 37 01.50 1.4
PMG 5.62 146 iPd 37 16.50 -1.6
LMG 5.86 136 iPc 37 20.20 -1.4
MTN 15.06 237 eP 39 23.00 -0.9
eS 42 29.00
CTAO 15.44 172 eP 39 30.30 1.6
0.7s 17.77nm 4.4mb
AAI 15.79 273 eP 39 34.00 0.8
SVO 16.31 107 eP 39 50.00 10.4X
ISO 16.48 195 eP 39 42.00 0.2
e 42 40.00
WRA 17.82 211 Pc 39 57.00 -1.3
1.0s 43.40nm 4.7mb
KNA 18.55 233 eP 40 05.00 -1.9
0.5s 430.00nm 6.0mb
MNI 20.09 287 eP 40 21.50 -1.6
e 51 24.50
ASPA 21.21 206 eP 40 34.00 -0.3
0.7s 51.00nm 5.0mb
eS 43 53.00
PCI 24.42 278 eP 41 08.00 2.3
0.7s 17.50nm 4.6mb
WBN 27.05 216 eP 41 30.00 0.1
MBL 28.59 233 eP 41 43.50 -0.3
MEK 32.64 226 eP 42 20.00 0.5
NAU 32.76 235 iPd 42 21.20 0.7
0.4s 13.00nm 5.1mb

KLG 33.51 217 eP 42 26.50 -0.4
MRWA 36.01 224 iPc 42 48.80 0.6
0.5s 8.00nm 4.9mb
TATO 36.74 324 e(P) 42 54.20 -0.1
NWAO 37.57 218 eP 43 02.00 0.7
MUN 37.59 221 iPd 43 02.00 0.5
GZH 40.74 314 Pd 43 29.00 1.4
MAT 41.40 353 (P) 43 32.00 -0.9
SSE 41.74 330 eP 43 35.40 -0.3
1.0s 33.00nm 5.1mb
PPI 43.75 274 ePc 43 52.70 0.3
0.7s 110.30nm 5.8mb
TCW 45.33 148 P 44 05.70 1.1
e 44 09.90
PSI 45.63 278 iPc 44 07.50 0.2
0.7s 84.90nm 5.7mb
LOE 47.16 299 eP 44 18.00 -1.4
GYA 47.61 313 eP 44 24.00 1.1
KMI 49.86 309 eP 44 41.00 0.6
i 45 12.00
XAN 50.82 322 P 44 46.20 -1.1
pP 45 12.00 108kmX
BJI 51.36 333 eP 44 51.50 0.3
CD2 52.25 315 P 44 58.40 0.2
BTO 54.80 329 eP 45 16.70 -0.1
GTA 59.86 321 P 45 52.60 0.1
PKI 64.94 303 P 46 26.40 -0.3
KKN 65.13 303 iPd 46 27.80 0.1
0.7s 18.00nm 5.1mb
KOD 67.90 283 eP 46 47.70 2.1
HYB 68.21 291 eP 46 46.50 -0.6
GBA 68.51 287 Pd 46 48.70 -0.2
0.9s 32.50nm 5.2mb
WMQ 69.89 320 eP 46 57.50 0.5
POO 72.82 291 iPc 47 14.00 -0.9
QUE 81.22 301 eP 48 02.00 0.4
COL 85.18 23 eP 48 20.00 -0.8
pP 48 43.70 88kmX
SPA 85.32 180 e(P) 48 22.00 0.3
INK 91.57 22 eP 48 48.00 -3.1
KIC 148.84 274 ePKP 55 34.20 5.1X
VAO 150.44 159 e(PKP)55 40.00 8.6X
S.D. = 1.1 on 49 of 52 obs.

? APR 06, 1985 14h 42m 38.92± 4.08s
33.280 S ±11.6km 72.105 W ±38.3km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV 0.89 139 iPc 42 54.50 -0.5
PEL 1.20 84 iPd 43 00.20 0.7
iS 43 16.50
JACH 1.40 65 iPd 43 02.60 0.1
MDZ 2.76 83 iP 43 28.70 6.8X
iS 44 10.30
RTCB 3.32 58 ePc 43 31.30 1.4
S 44 17.50
RFA 3.37 117 ePd 43 31.60 1.0
S 44 24.40
RTLL 3.64 59 ePd 43 37.30 2.9X
S 44 28.00
VCA 5.63 38 ePd 44 02.10 -0.5
S 45 15.80
TCA 6.65 75 ePc 44 14.30 -2.6
S 45 36.30
ANT 9.65 9 e(P) 45 06.00 7.4X
SLA 10.30 36 e(P) 45 08.00 0.4
S.D. = 1.5 on 8 of 11 obs.

• APR 06, 1985 16h 25m 32.79± 3.01s
39.281 N ±23.5km 21.936 E ±11.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT 0.92 27 ePgd 25 51.10 0.7
iSg 26 08.50
PAIG 1.49 64 ePb 25 59.50 -0.1
eSb 26 21.30
THE 1.56 30 e(P) 25 59.50 -1.1
GRG 1.71 12 ePb 26 02.80 0.0
SOH 1.88 35 ePn 26 05.90 0.5
OUR 1.89 56 ePn 26 05.90 0.5
KNT 2.02 21 ePn 26 07.50 0.3
eSn 26 35.20
OHR 2.03 335 iPn 26 07.10 -0.3
VAY 2.09 13 iPn 26 08.00 -0.3
SRS 2.23 34 ePn 26 10.10 -0.2

e(Sn) 26 39.30
MMB 2.68 30 iPd 26 16.00 -0.8
iS 26 50.00
SKO 2.71 352 ePn 26 18.40 1.2
VTS 3.45 16 eP 26 27.00 -0.6
KDZ 3.51 47 iP 26 29.00 0.5
S.D. = 0.7 on 14 of 14 obs.

& APR 06, 1985 16h 38m 53.20s
40.405 N 124.748 W
DEPTH = 5.0km (geophysicist)
NEAR COAST OF NORTHERN CALIF. (35)
<BRK>. ML 3.6 (BRK).

FHC 0.70 55 iPc 39 07.20 -0.1
iS 39 16.60
RMT 1.67 106 eP 39 21.40 -1.7
WDC 1.69 83 iPc 39 21.20 -2.4
LMPM 2.24 60 eP 39 35.00 3.3
MIN 2.40 90 eP 39 31.00 -3.0
ORV 2.64 108 iPd 39 34.40 -2.7
ARN 3.95 140 eP 39 52.60 -3.2
SLD 4.32 139 eP 39 57.90 -3.2
EUR 6.81 95 iP 40 32.70 -3.8
0.2s 5.58nm 5.3mb X
9 obs. associated

• APR 06, 1985 16h 40m 26.73± 0.90s
52.141 N ±18.8km 170.184 W ± 9.4km
DEPTH = 33.0km (normal)
4.5mb (5 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK 4.02 269 eP 41 27.20 -0.4
TTA 13.18 29 eP 43 39.30 5.3X
INK 23.81 33 eP 45 37.00 0.0
YKA 30.77 48 eP 46 41.50 0.7
YKC 30.83 48 eP 46 41.00 -0.4
EDM 33.70 65 eP 47 06.00 -0.5
ALE 40.90 11 eP 48 07.50 0.8
0.7s 3.00nm 4.1mb
FRB 49.45 35 eP 49 15.00 0.0
DAG 50.08 8 iPc 49 19.40 -0.3
0.5s 10.56nm 5.1mb
SOD 60.14 353 iP 50 32.50 -0.2
KJF 63.16 351 iP 50 52.60 -0.4
SUF 64.76 352 iP 51 03.20 -0.3
NB2 67.16 359 P 51 19.00 0.1
0.8s 2.30nm 4.3mb
HFS 68.04 358 eP 51 23.00 -1.3
0.9s 3.40nm 4.4mb
KBA 81.11 358 iPc 52 41.30 1.4
0.8s 5.70nm 4.6mb
QUE 84.01 313 eP 52 56.20 1.0
PSI 88.44 272 ePd 53 17.50 0.6
HYB 88.80 297 eP 53 18.30 -0.3
e 53 30.50
BUL 144.86 328 iPKPd 00 01.50 -0.5
0.7s 7.53nm
ipP 00 12.90
S.D. = 0.7 on 18 of 19 obs.

APR 06, 1985 16h 57m 03.29± 0.29s
4.085 S ± 4.9km 136.349 E ± 5.2km
DEPTH = 33.0km (normal)
4.9mb (14 obs.)
WEST IRIAN REGION (196)

JAY 4.62 70 ePd 58 20.40 -2.3
AAI 8.15 273 eP 59 10.80 -1.4
MTN 10.12 210 eP 59 38.00 -1.4
eS 01 29.00
PMG 11.96 117 eP 00 06.00 1.5
1.0s 100.00nm 5.9mb X
LMG 12.66 113 eP 00 14.00 -0.1
MNI 12.75 295 e(P) 00 14.50 -0.5
KNA 13.78 212 eP 00 26.00 -2.7
eS 02 56.00
WRA 15.88 187 Pd 00 50.30 -5.9X
0.6s 6.20nm 3.9mb
PCI 16.79 280 eP 01 10.00 2.3
1.0s 6.00nm 3.7mb X
ISO 16.82 170 eP 01 04.00 -4.1X
eS 04 07.00
MKS 16.86 266 ePc 01 13.50 5.0X
CTA 18.61 150 iPc 01 30.10 -0.1
0.8s 16.79nm 4.3mb

06d 17h

CTAO	18.61	150	eP	01	29.80	-0.4
	0.8s	14.30nm			4.2mb	
MAP	18.88	319	ePc	01	34.00	0.4
			eS	01	40.00	
PLP	18.91	323	ePc	01	31.20	-2.7
	1.2s	126.00nm			5.0mb	
ASPA	19.61	187	eP	01	40.00	-2.1
	0.9s	172.00nm			5.3mb	
			eS	05	09.00	
KKM	22.48	296	ePc	02	12.30	0.8
MBL	23.36	222	eP	02	20.50	0.6
WBN	23.85	202	iPd	02	26.00	1.4
HNR	24.02	104	eP	02	26.00	-0.3
BAG	25.65	323	eP	02	40.00	-2.1
NAU	27.28	226	iPd	02	57.70	0.9
STK	28.09	170	eP	03	03.00	-1.0
ADE	30.81	176	ePd	03	28.10	-0.3
MRWA	31.58	215	eP	03	35.00	-0.2
PPI	36.10	275	eP	04	16.00	1.6
PSI	38.00	280	ePc	04	31.50	1.1
LOE	40.29	303	eP	04	47.50	-1.9
WHN	40.35	330	P	04	51.00	1.4
MAT	40.45	2	(P)	04	49.00	-1.4
GYA	41.86	318	P	05	02.40	0.6
CHTO	43.29	303	eP	05	13.70	-0.2
	1.2s	16.32nm			4.7mb	
KMI	43.68	313	Pc	05	18.50	1.2
XAN	45.91	328	Pc	05	34.50	-0.3
CD2	46.67	320	iPd	05	41.60	0.7
TIY	47.15	334	eP	05	44.40	-0.2
BJI	47.66	339	eP	05	49.00	0.5
MDJ	48.86	354	eP	05	57.00	-0.6
MSZ	49.00	150	eP	06	00.50	1.7
HHC	50.14	336	eP	06	07.80	0.1
TCW	50.20	143	P	06	09.10	1.0
LZH	50.21	325	Pc	06	09.00	0.6
	1.5s	73.00nm			5.5mb	
SHL	52.22	307	iP	06	23.60	-0.3
LSA	54.78	311	eP	06	43.40	0.3
GTA	54.82	326	iPc	06	43.20	0.5
PKI	58.30	306	eP	07	07.60	-0.4
	1.0s	14.00nm			5.0mb	
KKN	58.50	306	eP	07	09.20	-0.1
	1.0s	44.00nm			5.5mb	
DMN	58.57	306	eP	07	06.00	-3.8X
	0.5s	10.00nm			5.2mb	
HYB	60.89	292	eP	07	24.00	-1.6
GBA	61.04	288	P	07	27.00	0.5
	1.0s	7.20nm			4.8mb	
WMQ	64.65	323	P	07	49.50	-0.7
QUE	74.43	303	eP	08	51.50	0.9
MHI	81.86	307	iPc	09	32.00	0.9
TTA	83.64	25	eP	09	40.00	0.3
IMA	85.71	23	eP	09	51.60	1.5
SPA	85.94	180	eP	09	52.20	0.9
	1.0s	7.50nm			4.9mb	
COL	87.71	24	eP	10	00.00	0.3
	0.7s	6.85nm			5.0mb	
FBA	87.71	24	eP	09	59.60	-0.1
	1.0s	7.50nm			4.9mb	
INK	93.82	22	eP	10	27.00	-1.1
ARE	145.73	127	ePKP	16	54.00	2.5X
YJA	146.27	142	e(PKP)	16	54.00	1.6
CCH	149.21	134	PKP	17	04.80	7.8X
	0.9s	1.50nm				

S.D. = 1.2 on 56 of 62 obs.

• APR 06, 1985 17h 19m 31.01± 0.74s
23.381 N ± 6.7km 120.923 E ± 6.5km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWF	0.35	95	iPc	19	38.00	-0.1
			eS	19	43.00	
TWK	0.42	254	iPc	19	39.50	0.0
			eS	19	46.00	
TWG	0.57	166	iPd	19	42.70	0.0
			eS	19	51.00	
TWO	0.89	355	iPd	19	48.00	-0.1
TWC	1.49	35	eP	19	58.00	0.2
TATO	1.67	18	e(P)	20	02.90	2.5X

S.D. = 0.2 on 5 of 6 obs.

• APR 06, 1985 17h 38m 41.51± 0.87s
23.407 S ±10.1km 66.759 W ±11.9km
DEPTH = 226.0 ± 13.9 km
JUJUY PROVINCE, ARGENTINA (128)

YJA	1.69	44	iPd	39	19.20	-0.8
			S	39	48.00	
SLA	1.75	139	iPc	39	21.10	0.9
			S	39	49.80	
ANT	3.37	264	iPc	39	37.00	-0.2
			iS	40	16.50	
LPB	6.95	349	(P)	40	23.00	0.5
			e	41	39.00	
TCA	8.13	167	iPd	40	37.00	-0.4
			S	41	29.60	
VAO	18.20	93	eP	42	40.20	0.0

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

& APR 06, 1985 17h 55m 46.88s
61.743 N 150.964 W
DEPTH = 79.4km
SOUTHERN ALASKA (2)
<AGS-P>.

PWA	0.53	100	iP	56	00.41	-0.5
CGLM	0.66	229	iP	56	01.58	-0.9
			iS	56	14.27	
CRP	0.74	231	iP	56	02.49	-0.9
			iS	56	14.84	
SPU	0.77	223	iP	56	02.59	-0.9
PMS	0.84	126	iP	56	03.56	-0.7
PLRM	0.89	99	iP	56	03.95	-0.8
			eS	56	17.12	
PME	0.93	96	eP	56	04.40	-0.9
MSE	0.95	83	iP	56	05.13	-0.6
GHO	0.97	87	eP	56	05.37	-0.5
			iS	56	20.11	
NKA	1.01	188	iP	56	07.66	1.4
KNK	1.25	104	eP	56	08.63	-0.6
SML	1.25	86	iP	56	08.46	-0.9
PTE	1.29	132	iP	56	08.79	-0.9
SLKM	1.29	163	eP	56	08.79	-1.1
RDT	1.37	211	eP	56	10.21	-0.7
			eS	56	28.96	
MPA	1.48	148	iP	56	11.31	-1.0
NNL	1.71	186	eP	56	15.74	0.3
SCM	1.73	85	iP	56	14.85	-0.9
SEW	1.80	155	eP	56	15.68	-0.9
ILM	1.81	211	eP	56	16.20	-0.5
TTV	1.97	109	eP	56	17.89	-1.1
BRLK	1.99	179	eP	56	18.00	-1.2
			eS	56	40.60	
GLI	2.06	113	iP	56	18.30	-1.8
			eS	56	43.23	
VZW	2.23	106	eP	56	20.66	-1.8
TOA	2.30	79	eP	56	23.00	-0.4
VLZ	2.31	103	eP	56	21.44	-2.1
SVW	2.33	256	eP	56	22.40	-1.4
FID	2.39	113	eP	56	21.90	-2.7
KLU	2.42	94	eP	56	23.49	-1.7
PDB	2.52	220	eP	56	25.38	-1.1
HIN	2.56	120	eP	56	24.78	-2.2
TTA	2.64	299	eP	56	26.50	-1.7
KMP	2.84	92	eP	56	29.06	-1.9
SGAM	3.06	111	eP	56	31.08	-2.8
MID	3.26	133	eP	56	36.60	0.0
COL	3.48	23	eP	56	38.00	-1.7
FBA	3.48	23	eP	56	37.60	-2.1
KDC	4.08	192	eP	56	44.00	-4.1
BALM	4.21	96	eP	56	47.22	-2.8
SNH	4.26	108	eP	56	47.92	-2.8
IMA	4.51	346	eP	56	51.80	-2.4
YAH	4.69	103	eP	56	54.58	-2.3
PCA	5.48	103	eP	57	04.06	-3.7
DWY	5.76	61	P	57	09.70	-1.8
PNL	6.05	105	eP	57	13.50	-2.1
INK	9.85	41	eP	58	05.00	-2.7
YKA	16.88	71	eP	59	38.50	-0.6
YKC	16.95	71	eP	59	40.00	0.1

48 obs. associated

APR 06, 1985 19h 30m 53.13± 0.44s
7.214 N ± 9.6km 33.897 W ± 7.5km
DEPTH = 10.0km (geophysicist)
4.9mb (13 obs.) 4.6Msz (2 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)

ITR	16.50	196	eP	34	48.20	1.8
			e	34	51.70	
KIC	28.96	90	eP	36	52.80	-2.3
CCH	40.16	232	P	38	35.00	3.3X
LPB	41.25	235	P	38	40.00	-0.8
			LR	52	30.00	
YJA	42.57	226	e(P)	38	51.00	-0.6
EPF	46.66	35	eP	39	25.60	1.8
	0.9s	10.40nm			4.9mb	
CAF	48.83	34	eP	39	41.20	0.5
	0.9s	8.10nm			4.8mb	
SSF	50.96	32	eP	39	59.10	2.2
LOR	51.28	32	eP	39	59.60	0.3
PRM	52.00	308	P	40	06.00	1.0
BNG	52.22	90	iPc	40	06.20	-0.9
	1.0s	15.80nm			4.9mb	
HAU	53.06	33	eP	40	11.00	-1.7
BSF	53.20	33	eP	40	09.60	-4.2X
	1.2s	13.20nm			4.8mb	
DOU	53.45	30	Pc	40	16.50	1.0
CDF	53.80	33	eP	40	16.50	-1.7
WLF	53.96	31	Pc	40	21.80	2.6
MEM	54.47	30	P	40	23.80	0.8
CTI	55.01	37	e(P)	40	26.50	-0.7
KBA	56.53	37	eP	40	37.00	-1.3
	1.5s	25.00nm			5.0mb	
			i	40	43.00	
KHC	57.69	35	iPc	40	46.00	-0.2
ELC	58.30	310	P	40	58.50	7.8X
BRG	58.77	33	eP	40	53.60	-0.1
POW	59.52	308	P	40	58.00	-1.2
FRB	61.66	343	eP	41	12.00	-1.3
KRA	61.79	36	eP	41	14.70	0.3
BHO	62.07	305	eP	41	15.80	-0.8
TUL	63.11	307	eP	41	23.00	-0.4
	0.8s	33.30nm			5.6mb	
Z	20s	0.24um			4.4Msz	
NB2	63.27	23	P	41	24.00	-0.1
	1.1s	9.90nm			4.9mb	
MLR	63.94	43	eP	41	30.00	1.1
			e	06	15.00	
JCT	65 63	300	eP	41	39.00	-1.0
	1.1s	24.05nm			5.3mb	
Z	20s	0.53um			4.7Msz	
LTX	68.88	299	P	42	00.00	-0.6
SUF	70.19	25	eP	42	07.00	-0.8
KJF	71.42	24	eP	42	15.00	-0.3
FFC	71.55	325	eP	42	15.50	-0.8
	1.0s	13.00nm			5.0mb	
ALQ	71.61	304	eP	42	17.00	-0.3
	1.3s	17.79nm			5.0mb	
KEV	73.45	19	eP	42	28.00	0.8
BDW	74.62	312	P	42	34.00	-0.8
	1.2s	12.32nm			4.8mb	
DAU	75.74	310	P	42	41.00	-0.4
ALE	76.20	356	eP	42	42.50	-0.4
	0.7s	4.00nm			4.6mb	
MSU	76.38	308	P	42	45.00	0.0
LRM	76.89	315	eP	42	47.20	-0.5
EDM	77.94	323	ePd	42	53.00	0.0
YKC	79.28	332	eP	42	59.00	-1.1
YKA	79.35	332	eP	43	00.20	-0.3
GSC	80.10	305	eP	43	07.00	1.8
NEW	80.15	318	P	43	04.00	-1.2
PLM	80.21	303	eP	43	08.00	2.0
BMN	80.29	310	eP	43	06.80	0.6
	1.5s	21.97nm			4.9mb	
CLC	80.73	305	eP	43	09.00	0.5
SBB	80.96	304	eP	43	10.00	0.2
PNT	81.79	319	eP	43	16.00	2.3
MBC	81.96	346	eP	43	15.00	0.9
INK	86.89	338	eP	43	39.00	-0.1

S.D. = 1.2 on 50 of 53 obs.

APR 06, 1985 19h 47m 42.02± 0.17s
17.816 S ± 5.2km 178.658 W ± 3.9km
DEPTH = 579.9km (5 depth phases)
5.3mb (32 obs.)
FIJI ISLANDS REGION (181)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 11C
Centroid Location:
Origin Time 19:47:53.2 1.2
Lat 18.07S 0.14 Lon 178.45W 0.14
Dep 567.6 5.5 Half-duration 1.6
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.58 0.12 Mtt= 1.19 0.18
Mff=-0.62 0.16 Mrt= 0.40 0.14
Mrf=-0.50 0.21 Mtf=-0.53 0.16
Principal Axes:
T Val= 1.47 Plg=15 Azm= 18

N -0.37 44 123
P -1.11 42 274
Best Double Couple:Mo=1.3*10**24
NP1:Strike= 65 Dip=49 Slip=-157
NP2: 320 73 -43

AFI	7.67	61	P	49 43.00	4.7X	
			S	51 14.00		
PVC	12.41	268	iPc	50 28.00	3.1X	
NOU	14.69	250	iPd	50 49.00	1.6	
			iS	53 40.50		
KOU	16.35	258	iPd	51 04.00	0.5	
			iS	53 52.70		
KRP	20.67	193	P	51 44.00	0.0	
HNR	22.38	289	eP	52 02.00	2.3	
TCW	24.10	193	P	52 15.00	0.1	
COO	29.62	239	iPd	53 03.60	0.4	
	0.4s	59.00nm			5.6mb	
			ePcP	55 50.00		
			eScP	58 40.00		
RMQ	31.32	248	iPd	53 18.20	0.6	
	0.9s	413.00nm			6.1mb	
CTA	33.23	260	iPd	53 33.60	0.0	
	0.8s	100.75nm			5.5mb	
CTAO	33.23	260	eP	53 33.70	0.1	
	0.7s	98.09nm			5.5mb	
LMG	33.44	281	eP	53 35.50	-0.1	
CAN	33.57	232	iPd	53 36.80	0.4	
			iPcP	56 00.50		
			eScP	58 53.00		
YOU	33.66	234	eP	53 37.70	0.6	
			ePcP	56 00.40		
			eScP	58 52.90		
WAM	34.00	231	iPd	53 41.00	1.0	
			iPcP	56 02.10		
			eScP	58 54.90		
PMG	34.21	280	iPd	53 43.00	1.1	
CMS	34.86	240	iPd	53 47.40	0.2	
	0.9s	147.00nm			5.6mb	
MOM	36.81	291	iPd	54 04.50	1.2	
MDG	36.93	285	iP	54 05.10	0.9	
TOO	37.04	231	iPd	54 05.50	0.5	
STK	38.47	241	iPd	54 17.60	0.9	
	1.0s	261.00nm			5.8mb	
ISO	39.48	259	iPd	54 24.40	-0.6	
ADE	41.49	237	iPd	54 41.20	0.3	
	0.9s	85.71nm			5.3mb	
WRA	44.41	259	Pc	55 03.30	-0.6	
	0.5s	74.60nm			5.5mb	
ASPA	44.59	254	iPd	55 05.00	-0.3	
			PcP	56 35.00		
			eScP	59 34.00		
			eS	00 57.00		
GUA	47.57	309	ePd	55 27.80	-0.2	
	0.8s	471.64nm			6.1mb	
GUMO	47.63	309	eP	55 28.50	0.0	
PJG	47.63	309	eP	55 28.10	-0.4	
MTN	48.57	268	iPd	55 34.20	-1.4	
	0.8s	247.00nm			5.8mb	
			eScP	59 50.00		
			eS	01 54.00		
KNA	50.25	264	iPd	55 47.10	-0.8	
	0.4s	200.00nm			6.0mb	
WBN	51.15	251	iPd	55 53.90	-0.6	
	0.4s	60.00nm			5.4mb	
			eS	02 30.00		
AAI	53 87	279	iPd	56 12.60	-1.4	
KLG	55.51	245	iPd	56 23.60	-1.7	
	0.6s	36.00nm			4.9mb	
MBL	57.77	256	iPd	56 39.40	-1.5	
MEK	58.31	249	iPd	56 42.70	-1.8	
	0.5s	31.00nm			4.8mb	
KLB	58.65	243	iPd	56 45.20	-1.5	
MNI	58.80	283	ePd	56 46.60	-1.3	
NWAO	59.04	242	iPd	56 47.80	-1.5	
RKG	59.20	241	iPd	56 49.30	-1.0	
MUN	59.95	243	iPc	56 54.00	-1.3	
MRWA	60.33	246	iPd	56 56.30	-1.5	
	0.6s	42.00nm			4.9mb	
SBA	60.50	184	eP	56 58.90	0.8	
NAU	61.55	254	iPd	57 05.50	-0.3	
	0.6s	185.00nm			5.6mb	
MKS	61.66	274	iPc	57 06.30	-0.3	
PLP	62.66	293	ePd	57 10.00	-2.9X	
MAP	63.16	292	iPd	57 16.00	-0.2	
KYS	65.63	324	eP	57 36.90	5.6X	
OYM	66.30	323	eP	57 32.90	-2.6	
TSK	66.39	324	eP	57 35.20	-0.8	
SRY	66.42	323	eP	57 35.50	-0.7	
DDR	66.75	324	eP	57 36.90	-1.4	
MAT	67.69	323	iPd	57 43.10	-0.9	
	0.7s	43.15nm			5.1mb	
CVP	68.36	298	ePc	57 47.00	-1.3	
KKM	68.49	284	ePd	57 49.10	-0.2	
	0.7s	71.60nm			5.3mb	
BAG	68.83	296	eP	57 50.00	-1.4	
TATO	72.15	304	e(P)	58 09.70	-0.7	
SPA	72.30	180	eP	58 11.90	1.1	
	1.0s	53.00nm			5.0mb	
QZH	74.43	303	iPd	58 23.50	0.2	
SSE	75.50	310	Pd	58 29.00	0.0	
	0.8s	20.00nm			4.7mb	
SYP	76.27	47	eP	58 34.00	0.6	
GCC	76.31	43	eP	58 34.20	0.8	
PCC	76.33	43	eP	58 33.50	0.0	
SAO	76.52	44	eP	58 35.00	0.4	
BKS	76.64	43	e(P)	58 35.60	0.4	
PRI	76.69	45	eP	58 36.20	0.5	
MHC	76.72	43	eP	58 36.30	0.5	
HKC	76.85	299	eP	58 37.80	1.2	
PAS	77.33	48	eP	58 39.00	0.0	
MWC	77.45	48	eP	58 39.00	-0.9	
NJ2	77.70	310	iPd	58 42.00	1.1	
FRI	77.80	45	iPc	58 41.50	0.1	
RVR	77.81	48	eP	58 41.00	-0.6	
JAS1	77.85	43	iPc	58 41 90	0.2	
PLM	77.85	49	eP	58 42.00	0.0	
SBB	77.86	47	eP	58 42.00	0.1	
GZH	77.87	299	Pd	58 43.30	1.2	
MDJ	77.97	325	eP	58 42.80	0.6	
WDC	78.03	40	iPc	58 42.90	0.4	
ORV	78.08	42	iPc	58 42.80	-0.1	
KDC	78.36	14	P	58 43.30	-0.6	
MIN	78.47	41	eP	58 44.50	-0.6	
CLC	78.61	47	eP	58 45.00	-0.8	
GSC	78.89	47	eP	58 47.00	-0.3	
GLA	79.18	50	eP	58 49.00	0.2	
QIZ	79.20	294	eP	58 50.00	0.9	
KGM	79.23	276	ePd	58 50.20	0.8	
MNA	79.62	44	iPc	58 51.60	0.5	
CN2	79.80	322	Pd	58 52.00	0.3	
			S	08 10.00		
WHN	80.36	306	P	58 55.70	0.8	
BFW	81.17	35	P	58 59.00	0.2	
BMN	81.30	43	iP	59 00.20	0.5	
	1.0s	41.75nm			4.9mb	
			pP	01 02.90		573km
EUR	81.62	44	eP	59 02.20	0.7	
	0.2s	47.45nm			5.7mb	
			pP	01 06.20		580km
IPM	82.21	277	iPd	59 05.20	0.5	
	0.9s	141.00nm			5.5mb	
PMR	82.57	14	P	59 04.20	-1.2	
	0.5s	14.46nm			4.8mb	
SNG	83.42	280	eP	59 12.00	1.4	
BJI	83.55	315	eP	59 12.00	1.2	
PSI	83.61	275	iPd	59 11.50	-0.1	
	0.8s	169.70nm			5.7mb	
MSU	83.71	46	P	59 12.50	0.6	
MAW	83.87	200	eP	59 12.00	0.1	
RMU	83.87	48	eP	59 13.00	0.3	
TSI	84.20	276	ePd	59 16.00	1.5	
GYA	84.78	300	P	59 18.00	0.7	
PNT	84.79	34	iPc	59 17.10	0.4	
	0.9s	44.00nm			5.1mb	
TIY	85.03	312	iPc	59 19.20	1.0	
NEW	85.58	36	eP	59 20.00	-0.5	
IMA	85.72	10	P	59 19.90	-1.1	
COL	85.77	13	eP	59 19.70	-1.3	
			pP	01 24.70		578km
FBA	85.77	13	P	59 19.40	-1.6	
XAN	86.02	307	iPd	59 24.00	1.0	
			eS	09 07.00		
LTX	86.15	58	P	59 25.00	1.2	
ALQ	86.22	52	eP	59 24.00	-0.1	
	1.0s	14.25nm			4.7mb	
			epP	01 30.00		583km
HHC	87.04	315	Pd	59 29.20	1.4	
LRM	87.05	40	eP	59 28.00	0.1	
BDW	87.44	44	eP	59 29.20	-0.6	
	1.0s	18.40nm			4.8mb	
			pP	01 36 00		586km
KMI	87.58	297	Pd-	59 32.00	1.2	
CHTO	88.74	290	iPd	59 36.50	0.6	
	1.0s	27.50nm			5.1mb	
CD2	88.82	303	iPc	59 37.70	1.5	
GOL	88.97	48	eP	59 37.00	0.0	
	1.0s	9.00nm			4.7mb	
GLD	89.10	48	eP	59 38.90	1.5	
	1.5s	43.75nm			5.2mb	
EDM	90.21	33	iPc	59 41.50	-0.5	
LZH	90.65	308	Pd	59 45.50	0.9	
	1.0s	65.00nm			5.6mb	
INK	91.85	15	eP	59 48.00	-1.2	
YKA	94.35	25	eP	00 00.50	-0.2	
YKC	94.39	25	eP	00 00.00	-0.9	
KKN	103.31	295	ePdiff	00 42.20	0 1	
GBA	107.08	279	PKPd	05 03.30	-1.5	
	0.6s	9.30nm				
QUE	119.52	295	ePKP	05 28.50	0 0	
KEV	125.73	349	ePKP	05 38.00	-0.9	
MHI	125.83	302	iPKPd	05 40.00	-0.3	
			e	07 40.00		
SOD	127.86	348	ePKP	05 42.00	-1.1	
			eSKP	08 10.00		
VIR	128.12	209	ePKP	05 44.00	-1.0	
	0.5s	18.31nm				
KJF	130.31	345	ePKP	05 43.00	-4.8X	
	0.6s	14.30nm				
			i	05 46.80		
SUF	131.94	345	ePKP	05 36.00	-14.9X	
BUL	133.75	217	iPKPc	05 55.00	-0.9	
	0.7s	13.36nm				
			iSKP	08 33.00		
NUR	134.20	344	ePKP	05 40.00	-15.3X	
	0.7s	22.70nm				
	Z 19s	0.20um			4.9Msz	
			i	05 54.00		
			iSKP	08 32.10		
			LR	99 00.00		
MTD	134.52	223	iPKPc	05 56.00	-1.3	
			iSKP	08 35.00		
NB2	136.26	353	PKP	05 46.60	-12.7X	
	0.7s	3.50nm				
NAI	140.27	245	ePKP	06 02.00	-6.2X	
	1.0s	28.00nm				
EKA	142.39	4	PKP	06 06.00	-4.4X	
	0.7s	5.40nm				
KRA	144.54	339	iPKPd	06 13.80	-0.4	
CFR	144.71	326	ePKP	06 15.00	0.4	
WIT	144.83	354	iPKPd	06 16.00	1.4	
KSP	144.95	343	ePKP	06 15.00	0.1	
	0.8s	70.00nm				
			id	06 15.80		
SPC	145.17	338	e(PKP)	06 15.50	-0.1	
TLB	145.17	326	ePKP	06 16.00	0.6	
CLL	145.32	347	iPKP	06 15.90	0.4	
			iSKP	09 02.20		
BRG	145.52	346	iPKPc	06 15.80	0.0	
	1.0s	50.00nm				
HRI	145.55	303	PKP	06 17.50	0.9	
ISR	145.58	328	ePKP	06 17.50	1.3	
WTS	145.62	354	ePKP	06 16.00	0.1	
JOS	145.64	337	iPKPd	06 18.30	2.2	
	0.8s	44.10nm				
PRU	146.19	345	ePKP	06 16.00	-1.0	
	0.9s	30.70nm				
			e	06 19.00		
			e	06 21.40		
			e	66 33.00		
MOX	146.23	348	ePKP	06 16.00	-1.0	
	1.6s	43.00nm				
JER	146.43	301	iPKPd	06 19.50	1.5	
CGN	146.53	327	ePKP	06 20.00	2.3X	
CSS	146.84	307	ePKP	06 21.00	2.5X	
ENN	146.92	355	ePKP	06 17.50	-0.6	
PRNI	146.97	298	ePKP	06 18.60	-0.3	
UCC	147.01	356	PKP	06 21.50	3 3X	
SRO	147.01	339	iPKPd	06 21.40	3 1X	
BUD	147.04	338	iPKPd	06 20.40	2.0	
	1.0s	64.50nm				
MEM	147.07	355	PKP	06 21.00	2.7X	
ZST	147.08	340	iPKPd	06 22.60	4.2X	
TNS	147.17	352	ePKP	06 21.40	2.8X	
GRF	147.22	348	ePKP	06 18.70	0.1	
			i	06 22.10		
			e	06 26.00		
KHC	147.23	345	iPKPc	06 18.90	0.2	
	0.8s	38.00nm				
			i	06 22.30		
			e	07 19.60		

06d 20h

VKA 147.26 341 iPKPd 06 22.30 3.6X
0.7s 64.60nm
JMB 147.37 324 ePKP 06 22.00 2.9X
CLO 147.44 331 ePKP 06 22.00 2.9X
PVL 147.67 326 iPKPc 06 23.00 3.5X
DOU 147.69 356 PKPd 06 23.00 3.7X
BCK 147.74 313 ePKP 06 14.80 -5.1X
DST 147.90 318 iPKP 06 23.10 3.0X
WLF 147.99 354 PKPd 06 24.30 4.5X
TTK 148.18 319 iPKPd 06 24.10 3.6X
DAM 148.20 325 iPKP 06 25.00 4.6X
GWF 148.50 352 ePKP 06 19.40 -1.3
ELL 148.56 313 iPKP 06 24.00 2.7X
KDZ 148.60 324 iPKP 06 25.00 3.9X
PLD 148.64 325 ePKP 06 24.00 2.9X
FUR 148.66 347 ePKP 06 20.90 -0.1
i 06 25.50
i 06 31.50
BHG 148.71 345 ePKP 06 25.20 4.2X
VTS 149.08 328 iPKPd 06 27.00 5.3X
FLN 149.10 2 iPKPd 06 26.30 4.8X
0.6s 36.00nm
CDF 149.10 352 iPKPd 06 26.50 4.8X
0.6s 26.10nm
EZN 149.20 321 iPKP 06 26.80 4.8X
LDF 149.28 2 iPKPd 06 26.70 4.9X
0.4s 11.40nm
GRR 149.45 3 iPKPd 06 27.30 5.2X
0.5s 18.20nm
IZM 149.47 317 iPKP 06 26.50 4.0X
MMB 149.53 326 iPKPd 06 27.00 4.5X
SLE 149.56 350 ePKP+ 06 21.90 -0.4
HAU 149.61 353 iPKPd 06 27.70 5.3X
0.5s 18.90nm
BSF 149.73 353 iPKPd 06 28.00 5.3X
0.7s 25.50nm
LJU 149.80 342 ePKP 06 22.30 -0.4
i 06 27.80
LPF 149.80 3 iPKPd 06 28.30 5.7X
0.4s 23.80nm
OGA 149.95 347 ePKP 06 22.60 -0.6
i 06 28.40
OSS 150.30 348 ePKP+ 06 23.50 -0.2
VAY 150.33 327 iPKP 06 28.40 4.8X
LLS 150.35 349 ePKP+ 06 23.40 -0.4
SKO 150.43 329 iPKP 06 29.60 5.8X
LOR 150.55 357 iPKPd 06 30.00 6.2X
0.5s 25.80nm
CTI 150.57 345 e(PKP) 06 29.20 5.2X
SSF 150.78 357 iPKPd 06 30.50 6.3X
0.7s 37.50nm
LBF 150.83 356 iPKPd 06 30.70 6.4X
0.5s 13.10nm
AVF 151.06 357 iPKPd 06 30.70 6.2X
0.6s 8.30nm
SMF 151.18 356 ePKP 06 30.90 6.1X
1.0s 9.00nm
SAL 151.25 347 ePKP 06 30.00 5.2X
MFF 151.27 2 iPKPd 06 31.40 6.5X
0.7s 25.30nm
BGF 151.31 358 iPKPd 06 31.50 6.5X
0.6s 23.40nm
MMY 151.31 350 ePKP+ 06 26.40 1.1
DIX 151.37 351 ePKP+ 06 26.10 0.7
OHP 151.39 328 ePKP 06 31.50 6.2X
EMS 151 45 352 ePKP+ 06 25.90 0.5
TCF 151.60 359 iPKPd 06 32.20 6.8X
0.8s 19.90nm
LSF 151.65 360 iPKPd 06 32.10 6.6X
0.8s 26.10nm
MZF 151.66 358 ePKP 06 32.50 7.0X
0.7s 11.20nm
ORO 151.72 350 ePKP 06 32.50 6.8X
RJF 152.59 360 ePKP 06 34.50 7.7X
0.7s 9.90nm
CAF 152.96 359 ePKP 06 35.30 7.9X
0.6s 6.30nm
LPO 153.21 0 ePKP 06 35.80 8.1X
BNG 158.54 234 iPKPc 06 34.90 -0.5
1.0s 31.60nm
i 06 40.30
i 07 14.60
KIC 167.16 152 ePKP 06 42.70 -0.7
e 07 53.20
S.D. = 0.9 on 161 of 222 obs.

& APR 06, 1985 20h 40m 46.20s
40.553 N 124.603 W
DEPTH = 5.0km (geophysicist)
NEAR COAST OF NORTHERN CALIF. (35)
<BRK>. ML 4.0 (BRK).

ARC 0.52 51 iP 40 56.40 -0.1
iSn 41 08.10
FHC 0.53 62 iPc 40 57.50 0.6
iS 41 03.90
WDC 1.57 88 iPc 41 12.90 -1.9
iS 41 38.40
MIN 2.30 94 iPc 41 23.10 -2.4
ORV 2.58 112 iP 41 26.40 -3.0
BRK 3.24 145 iPc 41 33.70 -4.9
BKS 3.24 145 ePn 41 33.50 -5.3
e 41 40.70
e 42 15.50
JAS1 4.17 128 eP 41 49.90 -2.1
SAO 4.52 146 iPd 41 50.30 -6.6
YKA 22.78 12 eP 45 45.40 -5.0
YKC 22.79 12 eP 45 48.00 -2.5
11 obs. associated

APR 06, 1985 22h 20m 12.90± 1.22s
0.835 N ± 5.5km 126.171 E ± 8.9km
DEPTH = 42.9 ± 11.4 km
5.2mb (7 obs.)
MOLUCCA PASSAGE (266)

MNI 1.46 294 iPd 20 37.80 0.6
eS 21 09.00
AAI 4.93 156 ePd 21 23.40 -3.0
e 32 21.60
PCI 6.57 255 eP 21 53.20 3.8X
eS 23 10.00
MKS 9.00 228 ePc 22 25.00 1.7
0.5s 108.10nm 6.2mb
KKM 11.20 298 ePd 22 54.00 0.4
BAG 16.43 341 eP 24 04.00 1.7
KNA 16.68 171 eP 24 06.00 0.8
WRA 22.15 159 Pc 25 06.30 -0.4
0.7s 35.70nm 4.9mb
PJG 22.43 55 e(P) 25 12.90 3.4X
MBL 22.72 195 eP 25 12.00 -0.3
ISO 25.11 149 eP 25 37.00 1.6
IPM 25.39 279 ePc 25 38.30 0.2
GZH 25.39 332 eP 25 37.50 -0.5
NAU 25.46 203 eP 25 39.00 0.3
ASPA 25.49 163 eP 25 39.00 0.0
0.3s 72.00nm 5.7mb
PPI 25.80 267 eP 25 27.00 -15.0X
WBN 26.82 179 eP 25 52.00 0.7
PSI 27.29 274 ePc 25 54.50 -1.2
MEK 28.26 195 eP 26 03.00 -1.3
MRWA 31.43 197 eP 26 32.00 -0.5
KMI 33.09 319 Pd 26 47.50 0.2
sP 27 02.50
STK 35.67 157 iPd 27 09.80 0.7
XAN 36.77 336 e(P) 27 16.60 -1.8
PcP 29 40.40
MAT 37.24 16 iPc 27 21.80 -0.5
1.7s 84.62nm 5.4mb
BJI 40.07 348 eP 27 49.50 3.7X
SNY 40.87 357 eP 27 53.20 0.9
CN2 42.78 359 P 28 08.40 0.4
MDJ 43.70 4 Pc 28 16.20 0.8
GTA 45.31 331 eP 28 28.50 -0.1
PcP 30 09.50
ScP 34 00.00
ScS 38 22.50
PKI 47.24 308 eP 28 42.40 -1.9
0.5s 8.00nm 4.9mb
KKN 47.44 308 eP 28 44.00 -1.8
0.5s 6.00nm 4.8mb
HYB 49.62 292 eP 29 03.00 0.4
GBA 49.86 287 P 29 04.00 -0.4
0.2s 5.20nm 5.2mb
WMO 54.79 327 P 29 40.50 -0.4
MHI 70.83 308 eP 31 26.00 -1.6
TAB 81.49 308 eP 32 28.00 0.4
SBA 81.56 172 e(P) 32 27.80 0.7
NAI 89.39 269 eP 33 09.00 1.5
KEV 92.40 340 eP 33 31.00 11.1X
SOD 92.91 338 eP 33 26.00 3.7X
INK 93.05 22 eP 33 23.00 0.0
SUF 93.86 333 eP 33 26.00 -0.8
JCT 126.34 50 ePKP 39 14.80 1.3
1.0s 15.50nm
KIC 130.49 279 ePKP 39 22.90 1.2
S.D. = 1.2 on 38 of 44 obs.

& APR 06, 1985 23h 15m 00.09s
37.201 N 116.207 W
DEPTH = 0.0km
4.8mb (28 obs.)
SOUTHERN NEVADA (41)
<DOE>. ML 4.8 (BRK). Tunnel Shot. 37° 12' 02.99" N., 116° 12' 25.82" W., Working Elev. 1850 m., Shot Time 231500.092, "MISTY RAIN", Nevodo Test Site (Dept. of Energy).

TMBR 0.22 221 P 15 04.60 0.1
LSM 0.46 187 P 15 08.60 -0.7
PRN 0.95 77 P 15 18.00 -0.9
TIN 1.62 265 iPc 15 29.90 -0.3
CWC 1.68 244 iPc 15 30.90 -0.2
CLC 1.78 219 iPc 15 31.40 -1.0
MNA 1.97 309 iPc 15 34.60 -0.7
FRI 2.81 267 iPc 15 46.60 -0.5
BMN 3.32 347 P 15 53.50 -1.0
JAS1 3.43 283 iPc 15 55.00 -0.9
MSU 3.45 66 P 15 55.40 -1.1
PRI 3.74 255 iPc 15 59.50 -0.9
LLA 3.84 263 eP 16 01.00 -0.8
DUG 4.00 41 P 16 02.80 -1.3
RMU 4.19 90 eP 16 06.00 -0.8
SAO 4.22 266 iPc 16 06.40 -0.7
PRS 4.24 260 eP 16 06.00 -1.3
SLBC 4.28 192 eP 16 08.30 0.3
GLA 4.29 164 eP 16 06.60 -1.6
MHC 4.34 273 eP 16 07.70 -1.2
ORV 4.78 301 eP 16 13.60 -1.5
BKS 4.84 280 eP 16 14.90 -1.1
e 16 24.90
MIN 5.26 308 eP 16 21.30 -0.7
WDC 5.98 306 eP 16 30.20 -1.9
BDW 7.55 40 P 16 53.40 -0.9
ALQ 8.21 103 eP 17 01.00 -2.6
GOL 8.86 70 eP 17 11.90 -0.8
GLD 8.98 70 eP 17 14.70 0.4
LRM 9.06 17 eP 17 16.40 1.0
CLX 11.03 4 eP 17 44.40 2.0
LHD 11.06 2 iPc 17 43.80 1.1
NEW 11.08 357 eP 17 44.00 1.1
e 20 57.00
LDM 11.27 3 iPc 17 46.90 1.5
YKM 11.66 2 iPc 17 52.00 1.1
RXF 11.68 4 eP 17 52.40 1.2
PNT 12.36 350 eP 17 58.00 -2.2
0.8s 16.00nm 5.4mb
PGC 12.61 337 eP 18 10.00 6.6
SES 13.70 14 ePd 18 18.30 0.2
JCT 15.18 111 eP 18 38.20 0.6
1.0s 19.50nm 4.5mb
EDM 16.14 6 eP 18 49.30 -0.6
HKT 18.43 107 eP 19 21.00 2.3
FFC 20.06 25 iPc 19 35.20 -2.4
0.6s 46.00nm 5.0mb
LHC 22.60 52 eP 20 03.00 -0.5
YKC 25.33 2 eP 20 29.00 -0.8
0.4s 9.00nm 4.9mb
YKA 25.34 2 eP 20 28.40 -1.5
PMR 31.87 331 P 21 29.00 0.2
0.8s 8.62nm 4.7mb
INK 32.60 348 eP 21 34.00 -1.1
FBA 33.42 336 P 21 41.80 -0.5
0.8s 13.79nm 4.9mb
TTA 35.32 330 P 21 58.00 -0.7
0.8s 6.90nm 4.5mb
IMA 36.08 335 P 22 04.50 -0.7
FRB 38.89 32 eP 22 28.00 -0.6
MBC 39.16 359 eP 22 30.00 -0.8
0.7s 10.00nm 4.6mb
ALE 48.79 8 ePc 23 45.70 -2.5
0.6s 3.00nm 4.5mb
DAG 55.80 16 iPc 24 37.00 -3.8
0.4s 6.78nm 5.0mb
KEV 70.01 13 eP 26 16.00 0.9
SOD 72.01 14 eP 26 24.00 -3.2
NB2 73.16 24 P 26 32.00 -2.1
0.8s 5.20nm 4.7mb
SUF 75.94 17 iP 26 47.80 -2.2

0.3s 1.20nm 4.5mb
FLN 77.17 38 eP 26 56.20 -1.0
GRR 77.24 38 eP 26 56.60 -1.0
0.8s 8.70nm 4.9mb
LPF 77.39 39 eP 26 57.20 -1.2
LDF 77.46 38 eP 26 57.80 -1.0
WTS 78.22 32 eP 27 02.50 -0.3
1.0s 9.00nm 4.8mb
DOU 78.63 34 Pc 27 04.60 -0.5
ENN 78.73 33 eP 27 05.50 -0.2
0.8s 6.00nm 4.7mb
MFF 78.80 39 eP 27 05.20 -1.0
MLM 78.88 33 P 27 06.20 -0.3
MAT 79.39 308 iPc 27 08.20 -1.4
0.9s 18.49nm 5.1mb
WLF 79.64 34 Pc 27 10.70 0.1
TCF 80.20 38 iPc 27 12.40 -1.4
0.9s 9.00nm 4.7mb
SSF 80.28 37 iPc 27 13.00 -1.2
LOR 80.31 37 iPc 27 13.30 -1.0
0.9s 17.00nm 5.0mb
BGF 80.32 38 iPc 27 12.90 -1.5
0.6s 9.50nm 4.9mb
AVF 80.40 37 eP 27 13.10 -1.7
0.9s 7.10nm 4.6mb
RJF 80.54 39 eP 27 14.20 -1.4
LBF 80.56 37 eP 27 14.50 -1.2
0.9s 3.00nm 4.3mb
SMF 80.74 37 eP 27 15.00 -1.6
1.1s 12.20nm 4.8mb
HAU 80.94 35 eP 27 16.80 -0.9
0.9s 9.80nm 4.8mb
CDF 81.06 34 eP 27 17.40 -1.0
0.9s 6.50nm 4.7mb
CAF 81.08 39 iPc 27 17.20 -1.3
0.9s 11.40nm 4.9mb
MOX 81.23 31 e(P) 27 18.00 -1.1
BSF 81.27 35 eP 27 18.40 -1.1
0.9s 18.10nm 5.1mb
CLL 81.27 29 iPd 27 18.30 -1.0
1.4s 16.00nm 4.9mb
EPF 81.51 42 eP 27 19.70 -1.1
BRG 81.98 29 e(P) 27 22.50 -0.5
PRU 82.91 30 eP 27 27.50 -0.4
KHC 83.21 31 Pd 27 29.00 -0.5
SOB1 84.02 106 e(P) 27 38.00 3.9
KBA 84.72 32 eP 27 36.00 -1.4
1.0s 7.00nm 4.8mb
i 27 40.20
KRA 84.89 27 ePd 27 36.80 -1.1
ZST 85.36 29 eP 27 40.20 0.0
ITR 85.65 104 eP 27 41.80 -0.4
SPC 85.72 27 e(P) 27 41.40 -0.9
KRI 143.69 65 iPKPd 34 39.00 -0.3
BUL 145.01 71 iPKPd 34 39.30 -2.2
1.1s 15.19nm
TET 146.05 60 ePKP 34 44.00 0.9
SLR 147.80 79 iPKPd 34 47.20 1.2
97 obs. associated

APR 07, 1985 00h 19m 33.19± 0.20s
56.390 S ± 9.2km 122.309 W ± 6.0km
DEPTH = 10.0km (geophysicist)
5 6mb (13 obs.) 6.1Msz (17 obs.)
EASTER ISLAND CORDILLERA (684)
Ms 6.3 (PAS).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 40C M.W.: 14S, 32C
Centroid Location:
Origin Time 00:19:44.4 0.1
Lat 56.25S 0.02 Lon 122.39W 0.02
Dep 10.0 FIX Half-duration 6.2
Moment Tensor; Scale 10**25 D-CM
Mrr=-0.45 0.05 Mtt= 2.65 0.06
Mff=-2.19 0.04 Mrt=-0.53 0.21
Mrf=-1.27 0.20 Mtf= 4.02 0.04
Principal Axes:
T Val= 5.14 Plg=11 Azm=150
N -0.49 74 17
P -4.64 12 242
Best Double Couple:Mo=4.9*10**25
NP1:Strike=286 Dip=74 Slip= 0
NP2: 16 90 -164
SBA 31.71 202 eP 25 53.90 -4.6X
AAS 31.91 127 e(P) 26 02.00 1.6

Z 19s 48.00um 6.2Msz
e 26 55.00
SPA 33.79 180 eP 26 21.20 4.2X
0.9s 64.55nm 5.6mb
Z 18s 2.16um 4.9MszX
LNV 41.10 79 iP 27 20.00 1.6
RFA 42.10 82 ePd 27 26.80 0.0
PEL 42.11 79 iP 27 28.50 1.7
JACH 42.51 78 eP 27 32.00 1.8
WEL 42.52 263 P 27 31.50 1.5
PP 29 17.00
S 34 00.00
TCW 42.84 263 eP 27 24.30 -8.3X
MDZ 43.31 80 i(P) 27 36.70 0.1
PAE 43.79 321 eP 27 42.00 1.5
1.4s 160.00nm 5.6mb
MSZ 43.99 255 eP 27 40.00 -1.9
KRP 44.43 267 P 27 44.50 -1.1
RUV 45.35 325 eP 27 54.00 0.9
1.4s 195.00nm 5.9mb
SNA 46.55 156 eP 28 05.80 3.8X
SLA 51.50 77 eP 28 40.00 -1.0
YJA 53.56 75 e(P) 28 56.00 -0.7
ARE 55.17 65 eP 29 06.00 -2.4
TAU 55.86 243 eP 29 12.00 -0.8
eS 37 08.00
LPB 56.84 68 P 29 20.00 -0.6
S 36 56.00
LR 46 23.00
ZOBO 57.05 68 eP 29 21.00 -1.3
CCH 57.15 71 P 29 22.30 -0.4
TOO 60.81 245 eP 29 47.00 -0.5
eS 38 12.00
GIE 61.18 37 P+ 29 55.20 5.1X
Z 20s 59.57um 6.7Msz
S 38 20.00
NOU 61.36 272 iPc 29 46.90 -4.4X
COO 62.88 255 eP 30 01.00 -0.5
VAO 63.09 91 eP 30 02.50 -0.5
i 30 04.60
i 30 12.00
KOU 63.96 272 iPc 30 04.50 -4.1X
RDJ 65.25 94 iPd 30 22.00 5.0X
CMS 65.39 250 eP 30 16.00 -1.8
1.2s 37.00nm 5.4mb
ADE 66.24 242 iPd 30 26.20 2.9
STK 67.26 247 eP 30 29.00 -0.7
PSO 67.91 50 eP 30 34.00 -0.4
BAO 68.44 86 e(P) 30 36.00 -1.5
BOG 72.38 51 eP 31 01.50 -0.1
eS 40 21.00
UPA 74.08 44 ePd 31 12.00 1.1
Z 19s 19.10um 6.4Msz
N 19s 7.29um
E 19s 7.64um
CTA 74.30 257 iPc 31 11.40 -0.9
1.3s 69.23nm 5.5mb
BMG 75.00 51 eP 31 15.00 -1.5
PIO 75.30 24 eP 31 19.50 1.6
HNR 75.42 275 eP 31 07.00 -11.8X
VHO 76.43 25 iP 31 23.50 -1.1
III 76.92 22 eP 31 34.00 6.7X
ISO 77.38 252 eP 31 29.00 -0.8
TPM 77.60 22 iP 31 36.00 5.0X
SOB1 77.64 88 eP 31 31.50 0.2
0.6s 10.20nm 5.1mb
e 31 35.40
OXM 77.77 22 iPd 31 32.00 -0.2
ASPA 77.87 246 eP 31 31.00 -1.5
1.5s 40.00nm 5.3mb
eS 41 29.00
KLB 78.67 229 eP 31 40.00 3.3X
MUN 78.98 228 eP 31 39.00 0.6
ITR 79.38 90 eP 31 39.30 -1.5
e 31 41.60
e 31 54.80
WBN 79.39 239 eP 31 43.00 2.2
WRA 80.73 248 Pc 31 47.10 -0.9
1.1s 35.80nm 5.3mb
CAR 80.78 55 iPc 31 48.00 -0.3
0.9s 50.42nm 5.5mb
ePP 33 00.00
MEK 82.66 232 eP 32 02 00 4.0X
KIP 83.17 327 P 32 09 00 8.6X
RAB 84.05 271 eP- 32 04.00 -1.2
MBL 86.81 236 eP 32 22.00 3.2X
LTX 86.84 16 P 32 18.90 0.2

1.6s 155.17nm 6.0mb
JCT 88.62 19 eP 32 26.00 -1.2
1.1s 113.92nm 6.1mb
Z 20s 6.03um 6.0Msz
BAR 88.85 5 eP 32 32.00 3.8X
GLA 89.32 6 eP 32 31.00 0.6
PLM 89.51 5 eP 32 33.00 1.5
RVR 90.12 4 eP 32 34.00 -0.1
PAS 90.25 3 eP 32 39.00 4.3X
Z 20s 14.00um 6.4Msz
eSKS 43 11.00
eSKKS 43 32.00
ePS 44 36.00
ePPS 45 36.00
eSS 49 36.00
ePKKP 50 00.00
eSSS 52 58.00
eSKKP 53 34.00
eLg 56 36.00
TPC 90.30 5 eP 32 35.00 0.0
MWC 90.33 4 eP 32 38.00 2.7X
SYP 90.58 2 eP 32 41.00 4.6X
SBB 90.80 4 eP 32 38.00 0.7
GSC 91.45 5 eP 32 39.00 -1.3
CLC 91.93 4 eP 32 42.00 -0.5
ALO 91.97 13 eP 32 42.00 -0.9
1.1s 45.89nm 5.8mb
Z 20s 7.98um 6.2Msz
BHO 93.38 22 e(P) 32 49.20 0.1
RMU 93.60 9 eP 32 50.00 -0.2
OCO 93.96 20 e(P) 32 56.10 4.4X
JAS1 93.96 1 eP 32 52.10 0.4
TUL 94.66 21 eP 33 00.00 5.1X
1.4s 60.70nm 5.8mb
Z 19s 4.12um 5.9Msz
N 21s 0.97um
E 20s 1.26um
e(S) 44 12.00
MSU 94.93 8 P 32 56.90 0.5
DUG 96.55 7 P 33 03.80 0.1
DAU 96.89 8 P 33 05.10 -0.3
BDW 99.38 9 P 33 17.10 0.6
LHC 108.01 22 ePKP 38 12.00 10.4X
EDM 109.50 6 ePKP 38 18.00 13.7X
YKC 118.69 4 ePKP 38 23.00 1.5
YKA 118.70 4 ePKP 38 24.20 2.7X
BNG 119.60 134 iPKPd 38 25.90 1.2
1.1s 18.50nm
DWY 120.83 351 PKP 38 24.00 -1.5
MAT 124.50 285 (PKP) 38 36.00 2.5
Z 20s 3.37um 6.0Msz
INK 124.64 355 ePKP 38 34.00 1.3
FRB 126.74 27 ePKP 38 36.00 -0.9
CHTO 131.49 236 ePKP 38 48.70 1.4
MBC 132.38 1 ePKP 38 49.00 1.6
KMI 135.00 245 ePKP 38 59.50 5.3X
sPKP 39 14.00
PP 41 29.00
sPP 41 46.00
PKS 42 32.00
SKKS 48 20.00
SS 59 18.00
DL2 135.27 275 ePKP 38 57.00 3.1X
PKS 42 30.00
TIA 135.85 269 ePKP 38 54.30 -0.9
PKS 42 25.00
ePPP 44 31.00
eSKS 46 04.00
eSKKS 48 21.00
SS 59 27.50
SNY 136.22 280 ePKP 38 58.00 2.4
CN2 136.52 283 ePKP 38 55.00 -1.2
iPKS 42 28.00
ePPP 44 35.00
eSKKS 48 28.00
SS 59 33.00
HYB 138.02 211 ePKP 38 42.50 -17.3X
e 39 06.80
XAN 138.78 259 ePKP 38 57.60 -3.2X
ePP 41 50.00
PKS 42 35.00
BJI 139.09 272 (PKP) 39 02.00 1.0
Z 18s 2.40um 6.0Msz
N 19s 2.60um
ePP 42 02.50
ePKS 42 40.00
eSKS 46 06.00

07d 00h

			eSKKS	00	22.00		UCC	148.55	77	PKPc	39	19.70	2.9X	CLL	153.53	82	e(PKP)	39	31.00	6.8X
TIY	139.54	266	ePKP	39	01.00	-1.1				e	39	28.00			Z 20s	2.50um				6.0Msz
			PKS	42	36.00					e	46	18.00		MUD	153.61	69	ePKP	39	46.00	21.9X
			SKKS	48	53.50		ORI	148.61	104	ePKP	39	15.50	-1.8	PRU	153.72	86	ePKP	39	32.50	8.0X
ALE	141.92	11	ePKP	39	01.00	-4.0X	CDF	148.86	83	ePKP	39	20.50	2.9X		Z 19s	3.50um				6.2Msz
	1.0s	8.00nm					LLS	148.92	87	ePKP	39	22.70	4.8X		N 18s	2.00um				
HHC	142.21	269	ePKP	39	04.00	-2.8X	WLF	148.93	80	PKP	39	21.50	4.1X		E 18s	2.00um				
			SKS	46	13.00		ZUL	148.94	85	ePKP	39	21.00	3.3X			e	43	18.00		
BTO	142.90	268	PKP	39	07.30	-0.7	VDL	148.96	88	ePKP	39	21.50	3.6X			e	02	46.00		
LZH	143.07	257	ePKP	39	05.00	-3.5X	SAL	149.02	90	ePKP	39	21.50	3.8X	RTB	153.79	145	ePKPd	39	34.00	8.9X
	E 20s	3.30um					SLE	149.16	85	ePKP	39	21.50	3.5X	BCK	153.80	125	ePKP	39	25.80	0.7
			sPKP	40	17.00		MEM	149.34	79	PKPc	39	23.20	5.2X	BRG	153.84	84	iPKP	39	32.40	7.8X
			eSS	00	35.00		GWF	149.36	82	ePKP	39	22.70	4.5X		Z 20s	3.00um				6.1Msz
LFF	143.17	83	ePKP	39	04.60	-3.5X	ENN	149.38	78	ePKP	39	23.50	5.4X		N 20s	3.50um				
	1.8s	111.90nm						1.0s	21.00nm						E 20s	2.00um				
MFF	143.71	80	ePKP	39	04.70	-4.3X				e	39	30.20				e	39	39.00		
RJF	143.83	83	ePKP	39	05.60	-3.7X	OSS	149.45	88	ePKP	39	22.70	4.1X			i	39	55.00		
	1.2s	44.60nm					PRNI	149.46	139	ePKP	39	25.00	6.0X			e	45	11.40		
CAF	143.90	84	ePKP	39	06.20	-3.2X	BUH	149.53	83	ePKP	39	22.80	4.3X	ZST	154.19	91	ePKP	39	32.00	6.8X
	1.2s	34.20nm					LCI	149.62	105	iPKP	39	35.50	16.7X			e	39	53.50		
LPF	144.08	78	ePKP	39	07.60	-2.0	DBN	149.64	76	ePKP-	39	28.00	9.6X	SRO	154.65	93	ePKP	39	33.00	7.2X
	1.3s	43.40nm						Z 20s	4.00um				6.2Msz			e	39	56.00		
GRR	144.39	78	ePKP	39	08.30	-1.8				eSKP	43	00.00				e	40	45.00		
	1.4s	46.10nm								ePPP	47	34.00				e	44	36.00		
LSF	144.42	82	ePKP	39	08.30	-2.0				eSS	03	39.00		BHD	155.12	153	ePKP	39	32.00	5.1X
	1.6s	112.30nm					NPS	149.69	121	ePKP	39	26.50	7.4X			e	43	34.00		
LSA	144.43	236	ePKP	39	11.40	0.0	CTI	149.91	90	ePKP	39	24.00	4.8X	CLO	155.46	103	ePKP	39	27.00	0.0
FLN	144.81	77	ePKP	39	08.60	-2.2X	OGA	150.05	88	ePKP	39	23.40	3.8X	NB2	155.84	60	PKP	39	39.80	12.7X
	1.7s	222.90nm					WTS	150.48	77	ePKP	39	25.50	5.8X		1.4s	23.90nm				
TCF	144.82	83	iPKPc	39	08.80	-2.2X		1.0s	26.00nm					JOS	156.26	94	e(PKP)	39	29.00	1.0
	1.3s	70.20nm								id	39	33.20		SPC	156.48	92	ePKP	39	33.30	4.8X
LDF	144.90	78	ePKP	39	09.00	-2.0	TNS	150.48	81	ePKP	39	32.40	12.5X			e	40	00.00		
	1.6s	111.90nm					GVI	150.59	138	ePKP	39	29.00	8.5X	BUC1	156.72	108	ePKP	39	32.00	3.3X
MZF	144.98	83	ePKP	39	09.60	-1.6	WIT	150.79	75	ePKP	39	28.00	7.9X	KRA	156.76	90	ePKP	39	34.00	5.4X
	1.7s	118.10nm								e	39	34.50				e	39	36.50		
PKI	145.05	226	ePKP	39	10.90	-1 4	JER	150.82	138	ePKP	39	26.50	5.5X			e	39	49.70		
ERC	145.08	102	PKP	39	11.50	-0.1	TRI	150.88	93	i(PKP)	39	27.60	7.1X			e	50	30.00		
KKN	145.30	226	ePKP	39	11.80	-0 8				i	39	46.30		KER	156.79	157	ePKP	39	34.00	4.7X
BGF	145.33	83	ePKP	39	10.10	-1.7				e	42	56.60		WMO	157.23	249	ePKP	39	33.00	3.5X
LRG	145.35	90	ePKP	39	11.20	-0.7				e(PP)	44	44.60					SKKS	50	33.60	
	1.4s	190.60nm								e(PS)	53	18.60		MLR	157.43	105	ePKPd	39	30.00	0.2
LMR	145.35	90	ePKP	39	11.20	-0.7				e(SS)	02	28.60		MSL	157.70	148	ePKP	39	31.50	1.3
	1.3s	140.80nm								e(SSS)	08	12.60		TLB	157.93	110	ePKP	39	40.00	9.9X
FRF	145.58	90	ePKP	39	11.60	-0.7	ATH	150.89	115	ePKP	39	30.00	9.2X	VRI	158.09	106	ePKP	39	30.00	-0.3
	1.7s	191.80nm					FUR	150.93	87	ePKP	39	26.00	5.4X	CFR	158.40	109	ePKP	39	30.00	-0.7
AVF	145.75	83	ePKP	39	11.70	-0.8		Z 22s	3.60um				6.1Msz	MHI	159.87	184	iPKPc	39	34.00	1.3
	1.6s	165.60nm					K8A	151.46	90	i(PKP)	39	28.00	6.4X	TAB	160.16	153	ePKP	39	33.00	-0.1
GIB	145.81	104	ePKP	39	21.00	8.0X		1.3s	70.00nm					SOD	161.93	40	ePKP	39	46.00	12.3X
GRC	145.90	82	iPKPd	39	09.70	-3.0X				i	39	38.20					ePP	40	30.00	
			i	39	46.00					i	39	42.00		NUR	162.35	63	ePKP	39	35.00	0.7
SMF	145.93	83	ePKP	39	12.30	-0.5	LJU	151.51	93	e(PKP)	39	26.00	4.5X				iPP	40	25.50	
SSF	146.09	82	iPKPc	39	12.30	-0.6				e	39	48.80					e	44	16.00	
	1.8s	129.40nm					BHG	151.57	89	iPKPc	39	29.00	7.4X				ePS	49	48.00	
CVF	146.16	93	ePKP	39	13.70	0.3	KZN	151.63	109	ePKP	39	28.00	6.0X				ePPS	50	56.00	
LBF	146.21	83	ePKP	39	13.20	-0.1	OHR	151.70	107	ePKP	39	26.50	4.5X				e	53	32.00	
	1.7s	146.30nm								i	39	36.80					eSS	54	32.00	
LOR	146.31	82	iPKPc	39	13.50	0.1	GRF	151.73	84	ePKP	39	27.90	6.2X	SUF	162.94	55	ePKP	39	39.00	4.2X
	1.2s	59.50nm						Z 19s	2.00um				5.9Msz	KJF	163.36	50	ePKP	39	42.00	6.8X
EAB	146.61	64	ePKP	39	21.00	7.5X				e	39	36.20					ePP	40	28.00	
ESK	146.78	66	ePKP	39	11.00	-2.8X	MOX	152.44	82	ePKP	39	29.00	6.3X				ePS	49	48.00	
EKA	146.81	66	PKP	39	15.00	1.1		1.6s	56.00nm								ePPS	51	04.00	
	0.8s	9.40nm						Z 20s	2.80um				6.1Msz				eSS	54	46.00	
ELO	147.04	64	ePKPc	39	19.70	5.4X		N 22s	1.80um						S.D. = 1.2	on 113 of 222 obs.				
EBH	147.05	64	ePKP	39	18.10	3.8X		E 22s	3.20um											
EMS	147.30	86	ePKP	39	17.10	1.8				e	39	38.00		? APR 07, 1985 00h 33m 42.36± 5.83s						
ESY	147.35	65	ePKPc	39	20.50	5.7X	KMR	152.46	89	ePKP	39	29.00	6.2X	33.541 S ±15.2km 72.205 W ±51.5km						
	1.5s	178.00nm					THE	152.50	110	ePKPd	39	27.60	4.5X	DEPTH = 33.0km (normal)						
EYA	147.57	87	ePKP	39	19.70	3.9X				e	46	40.00		OFF COAST OF CENTRAL CHILE (134)						
GPC	147.61	88	ePKP	39	16.00	0.3	SKO	152.64	106	ePKP	39	25.00	1.7							
HLW	147.63	134	ePKP	39	22.00	6.0X		Z 23s	4.14um				6.2MszX	LNV	0.78	122	iPc	33	56.90	0.0
			e	42	46.00			E 22s	3.56um								iS	34	09.60	
			e	55	36.00					i	02	50.00		PEL	1.33	73	iPc	34	05.60	0.7
GTA	147.68	256	ePKP	39	17.00	1.0	KHC	152.74	87	iPKPc	39	29.50	6.3X				iS	34	24.70	
			e	39	20 00			1.6s	75.00nm					JACH	1.60	58	iPd	34	08.80	0.0
			SKS	46	16.50			Z 22s	2.30um				5.9Msz				iS	34	32.00	
			SS	01	52.20			N 23s	1.40um					MDZ	2.89	78	eP	34	34.10	7.0X
MMK	147.86	87	ePKP	39	19.60	3 4X		E 22s	1.80um								iS	35	18.40	
HAU	148.11	83	ePKP	39	18.40	2.1				e	43	15.00		VCA	5.89	37	ePc	35	09.80	0.0
MNS	148.16	97	ePKP	39	19.50	3.1X				e	02	52.00		TCA	6.80	73	ePd	35	21.70	-0.8
BSF	148.26	84	ePKP	39	18.90	2.3	VAY	152.78	109	iPKP	39	31.20	7.7X				S	36	46.00	
	1.6s	86.30nm					BHL	152.90	137	PKP	39	30.00	6.0X		S.D. = 0.8	on 5 of 6 obs.				
DOU	148.30	79	PKPd	39	19.40	2.9X	ELL	152 91	125	ePKP	39	25.50	1.5							
			e	39	27.00					iPg	39	53.20		• APR 07, 1985 01h 20m 29.88± 0.84s						
			e	45	18.00					iSg	40	02.20		10.920 S ± 9.3km 112.743 E ±21.0km						
			e	46	19.00		QUE	153.01	198	ePKP	39	27.80	3.4X	DEPTH = 33.0km (normal)						
SGO	148.35	102	ePKP	39	19.50	2.7	SHI	153.02	170	ePKP	39	24.00	-0.4	4.0mb (1 obs.)						
AQU	148.53	97	ePKP	39	22.00	4.8X	PRK	153.15	116	ePKP	39	27.00	3.0X	SOUTH OF JAVA (282)						

07d 01h

TRT	3.20	358	iPd	21	18.50	-0.5		Origin Time		09:31:22.5	1.0	MAT	33.26	15	iPc	37	47.40	-2.7
			iS	21	44.30			Lat 4.84N	0.09	Lon 128.82E	0.17		0.7s		22.60nm			5.1mb
NAU	11.86	167	eP	23	19.00	-0.7		Dep 47.412.6		Half-durotion	1.6		Z 20s		1.60um			4.7Msz
	0.4s		16.00nm			5.5mb X		Moment Tensor; Scole 10**24 D-CM							eS	43	06.00	
			eS	25	23.00			Mrr= 0.54	0.11	Mtt=-0.09	0.16	XAN	34.35	331	iPd	37	58.70	-0.8
MBL	12.25	147	eP	23	20.00	-5.0X		Mff=-0.45	0.23	Mrt= 0.03	0.14				S	43	18.00	
			iS	25	24.00			Mrf=-1.02	0.25	Mtf=-0.01	0.11	CD2	34.82	322	iPd	38	03.50	-0.1
MEK	16.54	161	eP	24	20.00	-1.1		Principal Axes:							eS	43	27.00	
			eS	27	10.00			T Val= 1.18		Plg=58	Azm= 87	MRWA	35.43	198	iPd	38	08.90	0.1
MRWA	18.46	171	eP	24	46.00	1.1		N -0.09		1	179		0.4s		13.00nm			5.2mb
			eS	27	58.00			P -1.09		32	270	KLG	35.62	190	iPc	38	10.20	-0.1
WBN	20.00	141	eP	25	06.00	3.3X		Best Double Couple:Mo=1.1*10**24				TIY	36.01	339	eP	38	13.40	-0.2
			eS	28	30.00			NP1:Strike= 5	Dip=13	Slip= 95					S	43	46.50	
WRA	22.65	116	Pc	25	29.20	-0.4		NP2: 179		77	89				ScS	48	23.50	
	0.6s		3.10nm			4.0mb						RMO	36.76	148	iPd	38	19.80	-0.1
ASPA	23.81	125	eP	25	42.00	1.1	MNI	4.37	226	iPd	32 24.70	1.1	BJI	36.98	345	P	38	23.00	1.4
KKN	46.78	326	eP	28	58.90	0.4				eS	33 04.50					esP	39	57.00	
S.D. = 1.1		on	7 of	9 obs.			CGP	5.14	320	iPd	32 33.00	-1.4				eS	44	00.00	
										iS	33 17.00					eScS	48	30.00	
% APR 07, 1985 04h 46m 09.39± 2.74s							PLP	7.29	336	ePc	32 59.50	-4.6X	KLB	37.18	195	eP	38	23.00	-0.4
16.140 N ±28.4km 98.425 W ± 9.5km										eS	33 13.00		SNY	37.40	355	eP	38	25.70	0.6
DEPTH = 33.0km (normal)							AAI	8.11	179	ePc	33 16.20	0.8				eS	44	05.00	
NEAR COAST OF GUERRERO, MEXICO (58)							PCI	9.76	237	eP	33 37.50	-0.5	MUN	37.95	196	iPc	38	30.70	0.8
							KKM	11.85	278	ePd	34 05.80	-0.3	STK	38.40	161	iPd	38	33.30	-0.4
ACX	1.55	298	iP	46	35.00	-0.1		1.2s		101.50nm		5.6mb		0.5s		66.00nm			5.8mb
			iS	46	57.00		OCP	12.19	326	eP	34 16.00	5.5X	LZH	38.53	328	iPd	38	35.50	0.6
OXX	1.88	60	eP	46	41.00	1.0	MAN	12.20	326	eP	34 13.00	2.3		1.0s		389.00nm			6.3mb
			iS	47	01.80		MKS	12.86	222	iPd	34 19.20	-0.2	NWAO	38.58	195	iPc	38	36.00	0.9
VHO	1.95	56	iP	46	40.00	-1.1	BAG	13.92	329	eP	34 33.00	-0.4	HHC	39.11	340	P	38	40.60	1.0
			iS	46	59.00					eS	37 18.00					iS	44	41.00	
III	2.44	336	eP	46	47.50	-0.4	CVP	14.47	336	eP	34 46.00	5.6X	CN2	39.23	357	eP	38	42.00	1.6
			iS	47	11.00		KUPT	15.18	197	eP	34 53.20	3.7X				PcP	40	48.00	
TPM	2.89	348	iP	46	54.00	-0.3	MTN	17.49	170	iPd	35 16.60	-1.9				ScP	44	30.60	
OXM	3.36	339	eP	47	04.00	2.8X		0.5s		130.00nm		5.4mb				S	44	34.00	
			i	47	42.00		GUA	18.95	61	e(P)	35 38.00	2.0				ScS	48	40.00	
CRX	3.46	340	eP	47	03.50	0.9	TRT	19.54	232	iPc	35 43.20	1.0	BTO	39.44	338	eP	38	41.90	-0.4
S.D. = 1.0		on	6 of	7 obs.				1.1s		334.00nm		5.5mb	CMS	39.59	156	eP	38	43.00	-0.6
							KNA	20.11	178	iPd	35 47.70	-0.5	RKG	39.72	194	iPc	38	50.50	5.9X
APR 07, 1985 08h 15m 26.21± 0.81s								0.5s		243.00nm		5.8mb	ADE	40.51	166	iPc	38	51.70	0.6
36.320 N ± 7.4km 6.251 W ± 7.0km							MQM	20.43	108	eP	35 52.50	1.0		0.6s		45.33nm			5.5mb
DEPTH = 16.3 ± 6.9 km							HKC	22.22	324	eP	36 08.90	-0.4	COO	41.67	148	iPd	39	01.20	0.5
STRAIT OF GIBRALTAR (385)										eS	40 08.00			0.9s		50.00nm			5.3mb
							MCO	22.44	323	iP	36 13.50	1.9	LSA	42.92	310	P	39	12.10	0.6
SFS	0.15	15	iPgd	15	30.00	-0.3	QIZ	22.88	311	eP	36 14.80	-1.1	GTA	43.13	328	iPd	39	13.80	1.2
			iSg	15	33.00					eS	40 09.00					ScP	44	46.70	
MAL	1.54	74	iPnc	15	54.00	1.1	GZH	23.30	324	eP	36 19.50	-0.4				eS	45	28.00	
			iSg	16	22.70					S	40 26.00					ScS	49	05.40	
FAR	1.55	297	P	15	54.30	1.2	PMG	23.55	126	eP	36 22.00	-0.3	KOU	43.44	126	iPc	39	15.70	0.5
AFC	2.37	66	iP	16	05.90	0.8	LMG	24.08	124	eP	36 27.00	-0.8	CAN	44.23	155	eP*	39	16.10	-5.4X
ALM	3.10	79	iPnc	16	16.60	1.3	KGM	24.77	265	ePc	36 35.20	1.0	TOO	44.89	160	iPc	39	28.10	1.4
0.7s		2.20nm						0.9s		121.50nm		5.3mb	NOU	46.06	127	iPc	39	35.50	-0.6
			iSn	16	50.20					e	37 40.70		PKI	46.59	304	iP	39	40.10	-0.6
PRL	3.11	344	P	16	11.00	-4.6X	WB2	25.06	166	eP	36 35.70	-1.1	KKN	46.78	304	iP	39	41.60	-0.5
			S	16	44.50					eS	41 02.20		DMN	46.86	304	iP	39	42.40	-0.3
MTH	3.47	319	iP	16	21.30	0.6	MBL	26.71	197	eP	36 52.00	-0.1	HY8	50.07	289	iPd	40	07.40	0.0
			iS	17	03.00		IPM	26.90	271	ePc	36 53.90	0.0		1.0s		70.00nm			5.6mb
TOL	3.96	25	ePn	16	27.50	0.0		0.6s		15.10nm		4.7mb				e	40	24.00	
			ePg	16	47.50					e	37 21.10		KOD	50.41	280	eP	40	10.00	-0.3
			iSn	17	12.00		SSE	27.24	347	eP	36 57.20	0.4	GBA	50.67	284	P	40	11.00	-0.9
			iSb	17	21.50					eS	41 26.00		WMQ	52.86	324	Pd	40	28.00	-0.1
			iSg	17	36.50		SNG	27.38	277	eP	36 58.00	-0.2				pP	40	49.00	85kmX
MTE	4.20	346	iP	16	30.40	-0.6	ISO	27.48	156	eP	36 58.00	-1.1				S	47	51.00	
			iS	17	18.50		PPI	28.02	261	ePc	37 04.20	0.2	NDF	53.54	116	iPd	40	35.20	1.9
			i	17	42.50		ASPA	28.56	169	iPc	37 07.90	-0.9	KSH	58.40	314	P	41	09.00	0.9
COI	4.24	337	iP	16	31.60	0.1	LOE	28.77	299	eP	37 09.00	-1.8				eS	49	09.00	
			iS	17	19.30		WHN	28.95	335	P	37 12.50	0.3	MSZ	60.57	148	P	41	23.00	0.4
			i	17	50.00		PSI	29.08	268	iPc	37 13.50	-0.1	KRP	60.99	138	iP	41	15.90	-9.8X
TIO	5.44	189	iPn	16	48.00	-0.8		0.9s		105.20nm		5.5mb	TCW	62.03	142	P	41	31.00	-1.6
			iSn	17	48.00		NAU	29.51	204	iPc	37 18.20	0.9	WEL	62.37	142	P	41	33.30	-1.5
LGR	6.78	24	ePn	17	08.00	0.6		0.5s		16.00nm		5.0mb	AFI	62.46	108	P	41	36.00	0.1
			iSn	18	25.00		NST	29.57	294	iPd	37 17.20	-0.7	OUE	62.84	302	iPd	41	38.40	-0.1
			iSg	19	06.50		GYA	29.91	319	P	37 20.80	-0.2		0.9s		83.19nm			5.8mb
EBR	6.94	48	(Pn)	17	07.00	-2.6X	CTA	30.29	144	iPd	37 23.80	-0.5				eS	50	04.00	
			e	18	26.00		CTAO	30.29	144	eP	37 23.50	-0.8	MHI	70.08	307	iPd	42	24.60	0.4
EPF	8.41	35	Pn	17	29.20	-1.0		0.8s		15.05nm		4.8mb	KHI	70.45	305	iPd	42	26.70	0.1
DOU	15.85	26	P	19	08.90	-1.1	WBN	30.47	183	iPc	37 26.20	0.5	SHI	75.18	299	eP	42	54.00	-0.5
S.D. = 1.0		on	13 of	15 obs.			CHTO	31.75	299	iPd	37 37.00	-0.2	TAB	80.71	308	eP	43	30.00	5.4X
								0.8s		78.70nm		5.6mb	COL	83.50	25	eP	43	38.00	-0.3
APR 07, 1985 09h 31m 18.19± 0.79s										eS	42 40.00		SBA	84.90	172	e(P)	43	47.00	1.9
4.478 N ± 3.1km 128.009 E ± 4.2km							KMI	31.78	313	Pd-	37 38.00	0.4	INK	B9.01	22	eP	44	04.00	-1.3
DEPTH = 78.8 ± 7.6 km										pP	37 47.00	31kmX	KJF	90.47	334	eP	44	13.00	0.9
5.4mb (22 obs.)										eS	42 44.00		MBC	90.95	13	eP	44	14.00	-0.1
NORTH OF HALMAHERA (264)							MEK	32.24	196	eP	37 41.00	-0.3	NAI	91.30	269	eP	44	09.00	-8.2X
CENTROID, MOMENT TENSOR (HRV)							TIA	33.13	344	eP	37 47.70	-1.2	SUF	91.47	333	iP	44	15.70	-1.0
Data Used: GDSN										eS	42 56.00		NUR	92.67	331	eP	44	23.00	0.7
L.P.B.: 9S, 15C										ScP	44 08.90		SPA	94.45	180	eP	44	31.90	1.4
Centroid Locotion:										eSS	45 00.00			1.0s		13.50nm			5.3mb

07d 09h

DAG 96.70 353 iPc 44 38.80 -1.7
0.3s 9.09nm 5.8mb
CLO 97.50 316 eP 44 35.00 -9.7X
SLL 97.98 333 eP 44 45.20 -1.4
0.5s 5.40nm 5.3mb
YKA 98.29 25 eP 44 47.90 0.0
YKC 98.35 25 eP 44 47.50 -0.7
VAY 98.56 313 eP 44 51.00 1.5
NB2 98.68 334 P 44 48.20 -1.6
0.9s 2.80nm 4.8mb
ALQ 115.58 48 e(PKP)49 54.00 0.4
JCT 122.61 49 iPKP 50 07.80 0.9
1.0s 21.00nm
KIC 131.61 283 ePKP 50 25.30 0.7
e 50 35.60
LNV 145.56 151 iPKPc 50 50.40 1.0
PEL 146.57 151 iPKPc 50 53.60 2.4X
JACH 146.99 150 ePKPd 50 54.50 2.6X
MDZ 147.65 153 i(PKP)50 56.80 3.9X
TCA 150.77 158 ePKPd 51 03.80 6.0X
PSO 154.07 78 ePKP 51 13.00 9.6X
YJA 158.08 145 ePKPd 51 11.00 2.6X
LPB 160.17 128 ePKP 51 08.00 -2.8X
ITR 165.87 252 e(PKP)51 16.00 0.2
S.D. = 1.0 on 102 of 119 obs.

• APR 07, 1985 09h 57m 30.21± 0.75s
23.957 N ± 7.8km 142.680 E ±18.3km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
VOLCANO ISLANDS REGION (213)

KYS 11.42 349 eP 00 14.10 0.1
OYM 11.81 346 eP 00 19.40 0.1
SRY 11.98 347 eP 00 21.50 -0.1
DDR 12.37 347 eP 00 26.40 -0.5
TSK 12.41 350 eP 00 21.50 -5.9X
MAT 13.12 344 iPc 00 36.50 -0.3
SSE 20.33 295 eP 02 07.20 0.9
W82 44.38 191 eP 05 39.00 -0.5
YKA 74.69 28 eP 09 09.20 1.2
SOD 77.48 339 eP 09 23.00 -0.6
KJF 78.81 336 eP 09 31.00 0.0
SUF 80.21 335 iP 09 38.60 0.0
0.5s 1.80nm 4.3mb
NUR 82.06 334 eP 09 48.00 -0.3
Z 25s 0.30um 4.6MszX
LR 27 10.00
S.D. = 0.6 on 12 of 13 obs.

? APR 07, 1985 09h 59m 02.54± 8.32s
42.370 N ±63.0km 12.488 E ±54.3km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
ML 2.5 (KBA).

MNS 0.14 83 iPgc 59 05.70 -0.2
eSg 59 07.00
AQU 0.68 91 ePg 59 16.00 0.0
eSg 59 26.50
TRI 3.46 15 eP 59 56.40 -1.1
CTI 3.73 351 ePn 00 01.00 -0.5
KBA 4.75 7 iPnc 00 17.60 1.6
iSg 01 12.10
S.D. = 1.4 on 5 of 5 obs.

? APR 07, 1985 10h 06m 56.00± 7.76s
65.016 N ±33.1km 166.447 W ±65.5km
DEPTH = 15.0km (geophysicist)
ALASKA (676)
ML 4.2 (PMR).

TTA 5 05 110 eP 08 12.60 -0.3
IMA 5.41 73 eP 08 16.60 -1.5
BRW 7 27 25 eP 08 44.10 0.1
COL 7.91 82 eP 08 55.00 1.9
TOA 9.49 99 eP 09 14.80 -0.2
S.D. = 1.7 on 5 of 5 obs.

• APR 07, 1985 10h 15m 54.35± 0.84s
43.453 N ± 6.5km 13.218 E ±19.5km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

AQU 1.11 173 ePg 16 14.00 -1.2
eSg 16 35.00
MNS 1.14 201 ePg 16 17.00 1.4
eSg 16 39.50
DUI 2.01 152 ePn 16 28.50 -0.2
TRI 2.29 10 eP 16 57.30 24.6X
CEY 2.44 20 e(Pn) 16 35.70 0.8
eSn 17 04.80
LJU 2.75 19 eP 16 42.30 2.9X
eSn 17 06.60
CTI 2.83 337 ePn 16 39.00 -1.4
KBA 3.63 1 e(Pn) 16 52.50 0.6
iPg 17 03.10
iSg 17 51.70
S.D. = 1.5 on 6 of 8 obs.

? APR 07, 1985 10h 29m 08.27± 3.27s
33.442 S ±10.5km 71.701 W ±34.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.57 155 iPc 29 19.30 -0.5
PEL 0.90 71 iPd 29 24.10 -0.5
iS 29 31.10
JACH 1.20 51 iPc 29 28.00 -0.9
MDZ 2.46 78 iP 29 49.60 2.6X
iS 30 28.40
RFA 2.99 117 ePd 29 55.60 1.0
S 30 44.00
VCA 5.56 34 ePd 30 32.00 0.9
S 31 41.00
TCA 6.37 73 ePc 30 38.60 -3.8X
S 31 54.80
SLA 10.24 34 eP 31 39.80 3.7X
S.D. = 1.3 on 5 of 8 obs.

APR 07, 1985 11h 11m 50.83± 0.27s
10.509 N ± 4.1km 92.315 E ± 4.6km
DEPTH = 33.0km (normal)
4.9mb (17 obs.) 4.1Msz (1 obs.)
ANDAMAN ISLANDS REGION (703)

BSI 5.80 149 iPd 13 15.50 -1.3
iS 13 22.00
SNG 8.85 111 eP 14 01.00 1.6
PSI 10.16 139 eP 14 18.00 0.4
IPM 10.45 124 ePd 14 22.20 0.6
1.0s 27.70nm 5.4mb
e 14 57.80
e 16 26.40
CHTO 10.45 37 eP 14 20.00 -1.6
LOE 11.42 52 eP 14 35.00 0.2
PPI 13.54 143 eP 14 57.50 -5.6X
KGM 13.81 127 ePd 15 07.00 0.4
KOD 14.61 270 eP 15 18.00 0.6
GBA 14.87 283 Pc 15 18.40 -2.2
0.6s 43.50nm 5.0mb
HYB 15.01 299 eP 15 20.00 -2.4
KMI 17.58 33 Pd 15 56.50 1.2
PKI 18.17 340 eP 16 03.60 0.9
DMN 18.31 339 eP 16 04.30 -0.1
KKN 18.42 340 eP 16 06.60 1.0
OIZ 18.93 61 eP 16 11.40 -0.4
LSA 19.12 357 P 16 13.80 -0.6
eS 19 41.00
POO 19.56 296 eP 16 20.00 0.9
GYA 20.87 39 IPc 16 32.20 -0.5
CD2 22.91 26 P 16 53.20 0.1
S 21 01.00
sS 21 14.00
NDI 22.96 324 eP 16 55.00 1.6
eS 21 03.50
XAN 27.93 30 Pc 17 37.90 -2.3
GTA 29.55 12 Pc 17 55.30 0.4
QUE 30.67 313 eP 18 07.00 2.0
WMQ 33.43 354 Pc 18 29.50 0.7
SSE 33.71 48 e(P) 18 30.60 -0.6
BTO 33.81 25 eP 18 31.00 -1.2
TIA 34.05 37 P 18 33.80 -0.4
HHC 34.67 26 iPd 18 39.80 0.2
BJI 36.23 32 eP 18 54.00 1.3
AAI 38.41 110 e(P) 19 11.50 0.2
MBL 41.49 139 eP 19 35.50 -1.2
CN2 43.84 35 iPc 19 55.20 -0.4
eS 26 24.00
MEK 44.84 146 eP 20 03.50 -0.4
MUN 48.04 152 eP 20 29.00 0.0
KLB 48.44 151 eP 20 32.00 -0.2
MAT 48.80 50 eP 20 34.00 -1.0
1.6s 43.33nm 5.2mb
NWAO 49.30 152 iPd 20 39.30 0.5
WBN 49.37 138 eP 20 38.00 -1.4
WB2 51.27 126 iPc 20 53.00 -1.0
ASPA 52.98 130 iPc 21 06.00 -0.8
0.9s 72.00nm 5.6mb
eS 28 30.00
ADE 63.02 138 iPd 22 17.90 0.8
STK 63.22 134 iPc 22 18.80 0.4
VAY 67.94 310 eP 22 54.30 5.6X
TOO 69.00 137 eP 22 56.00 0.7
KJF 69.66 335 iP 22 58.80 -0.1
0.7s 14.70nm 5.2mb
i 23 06.20
BUL 69.67 244 iPc 23 09.00 9.1X
SUF 69.88 333 iP 23 00.00 -0.2
0.6s 4.40nm 4.7mb
NUR 69.98 331 eP 23 05.00 4.2X
Z 20s 0.10um 4.1Msz
LR 58 20.00
COO 70.26 128 iPd 23 04.80 1.6
SOD 71.11 338 iP 23 07.70 0.1
i 23 15.00
KEV 71.77 341 eP 23 12.00 0.5
e 23 18.00
KSP 73.10 320 eP 23 28.00 8.3X
BNG 73.26 271 iPc 23 29.80 8.4X
0.8s 12.20nm 5.0mb
UPP 73.29 329 iP 23 20.20 -0.4
i 23 27.50
PRU 74.17 319 eP 23 33.50 7.6X
BRG 74.58 320 iPc 23 36.50 8.1X
KHC 74.76 318 eP 23 34.50 5.0X
KBA 74.88 316 iP 23 37.00 6.6X
CLL 75.19 320 iPc 23 39.30 7.5X
HFS 75.29 330 eP 23 31.70 -0.5
0.6s 3.20nm 4.5mb
GRF 76.31 319 eP 23 46.60 8.4X
NB2 76.56 330 P 23 38.60 -0.9
0.8s 3.10nm 4.4mb
LLS 77.86 316 eP+ 23 54.70 7.6X
SLE 78.16 317 eP+ 23 55.80 7.3X
ZUL 78.24 316 eP+ 23 56.50 7.5X
CDF 78.94 317 eP 24 00.40 7.5X
DIX 78.99 315 eP+ 24 01.70 8.2X
EMS 79.33 315 eP+ 24 03.20 8.0X
HAU 79.59 317 eP 24 04.10 7.8X
1.0s 12.00nm 4.8mb
LBF 81.28 316 eP 24 13.40 8.1X
1.1s 9.90nm 4.7mb
LOR 81.33 316 eP 24 13.50 7.9X
1.0s 16.80nm 5.0mb
SMF 81.41 316 eP 24 12.90 6.9X
1.0s 6.00nm 4.6mb
AVF 81.73 316 eP 24 15.50 7.9X
BGF 82.10 316 eP 24 17.90 8.3X
1.0s 14.20nm 5.0mb
MZF 82.32 316 eP 24 18.50 7.8X
0.9s 6.00nm 4.6mb
LPO 83.50 314 eP 24 26.40 9.6X
LFF 83.78 314 eP 24 27.70 9.5X
1.3s 29.40nm 5.3mb
EKA 84.54 325 P 24 23.00 1.2
0.6s 2.20nm 4.5mb
MBC 91.40 7 eP 24 55.00 0.6
INK 94.98 16 eP 25 11.50 0.5
ALQ 131.43 21 ePKP 31 03.00 0.7
1.0s 2.50nm
JCT 137.62 16 ePKP 31 14.50 0.5
1.0s 10.00nm
S.D. = 1.0 on 56 of 83 obs.

APR 07, 1985 11h 32m 17.99± 0.69s
5.215 S ± 6.5km 150.562 E ± 7.2km
DEPTH = 193.0 ± 7.3 km
4.6mb (3 obs.)
NEW BRITAIN REGION (192)

LAT 3.82 248 eP 33 18.00 0.2
LMG 4.38 213 iPd 33 23.00 -2.1
MOM 4.46 315 iPc 33 26.90 1.0
PAA 5.02 103 eP 33 33.00 -0.3
CTA 15.37 195 iPd 35 47.30 1.0
0.4s 27.54nm 5.0mb
CTAO 15.37 195 eP 35 47.70 1.4
0.7s 17.12nm 4.6mb
RMQ 21.23 184 eP 36 50.00 0.3
WB2 21.52 226 eP 36 52.70 0.1

		eS	40	40.10		
		iPcP	40	42.30		
KNA	23.82	242 eP	37	15.00	-0.1	
ASPA	24.38	220 eP	37	20.00	-0.1	
WBN	30.96	225 eP	38	09.20	-10.0X	
MBL	33.75	239 iPc	38	42.70	-0.7	
MEK	37.23	232 eP	39	12.50	-0.2	
NAU	38.00	240 eP	39	19.00	-0.1	
MRWA	40.47	230 eP	39	39.00	-0.4	
TCW	41.65	153 P	39	49.30	0.4	
MAT	43.12	345 eP	40	01.00	0.2	
	0.9s	12.60nm			4.5mb	
COL	83.10	22 eP	44	22.00	-0.9	
INK	89.64	21 eP	44	54.00	-0.6	
YKA	96.83	28 eP	45	28.40	0.7	
S.D. = 0.9		on 19 of 20 obs.				

? APR 07, 1985 11h 34m 42.38± 6.00s
33.421 S ±15.7km 72.277 W ±53.5km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.90	127 iPd	34	58.60	0.0	
		iS	35	12.00		
PEL	1.36	79 iPc	35	06.40	1.1	
		iS	35	25.10		
JACH	1.60	63 iPd	35	09.10	0.4	
		iS	35	31.50		
MDZ	2.92	80 eP	35	35.60	7.9X	
		iS	36	15.60		
RFA	3.44	114 e(P)	35	30.00	-5.0X	
VCA	5.83	38 ePd	36	09.00	0.0	
TCA	6.83	74 ePd	36	21.30	-1.6	
		S	37	49.70		
S D = 1.4		on 5 of 7 obs.				

APR 07, 1985 12h 42m 35.78± 0.85s
14.874 N ± 2.9km 123.529 E ± 4.2km
DEPTH = 25.2 ± 6.1 km
5.3mb (15 obs.) 4.5Msz (2 obs.)
LUZON, PHILIPPINE ISLANDS (249)

MAN	2.38	265 eP	43	16.00	2.1	
		eS	43	42.00		
OCP	2.38	265 iP	43	18.00	4.0X	
BAG	3.23	299 iPc+	42	50.00	-36.2X	
CVP	3.26	330 ePd	43	25.00	-1.4	
		eS	44	03.00		
SZP	3.98	312 iPd	43	37.00	0.4	
		iS	43	54.00		
QZH	11.04	336 eP	45	13.50	-1.7	
HKC	11.54	311 eP	45	18.70	-3.4X	
GZH	12.63	312 eP	45	33.80	-2.8X	
QIZ	13.73	289 eP	45	52.00	0.7	
SSE	16.29	353 eP	46	26.00	1.5	
Z	20s	1.90um				
N	20s	1.40um				
		eS	49	26.00		
WHN	17.73	333 P	46	43.20	0.6	
AAI	19.01	166 e(P)	47	02.10	3.6X	
GYA	19.52	309 Pc	47	04.00	-0.5	
MKS	20.36	192 iPc	47	12.00	-1.4	
GUA	20.77	91 e(P)	47	16.50	-1.1	
LOE	21.09	280 eP	47	18.50	-2.3	
SHK	21.24	21 ePc	47	22.80	0.5	
KMI	22.01	301 Pc	47	31.50	1.2	
		sP	47	47.50		
		eS	51	27.00		
		sS	52	39.00		
TIA	22.01	346 eP	47	28.60	-1.3	
		eS	51	23.00		
		sS	51	45.50		
NST	22.58	275 iPc	47	35.60	-0.1	
XAN	23.21	328 iPc	47	41.60	-0.2	
		sP	47	56.60		
KGM	23.69	239 ePd	47	46.50	-0.1	
SNG	23.74	254 eP	47	47.00	0.0	
CHTO	23.85	283 iPc	47	48.60	0.5	
	1.1s	58.89nm			5.0mb	
		eS	52	24.00		
CD2	24.15	315 eP	47	51.60	0.6	
IPM	24.40	247 ePd	47	53.80	0.3	
	1.0s	48.50nm			5.0mb	
		e	48	16.10		
TIY	24.79	339 eP	47	57.00	-0.1	
		S	52	13.00		
		sS	52	30.50		

TRT	24.90	206 ePd	47	59.60	1.4	
MAT	25.25	29 (P)	48	08.00	6.6X	
	1.3s	26.92nm			4.7mb	
Z	20s	0.89um			4.3Msz	
		eS	51	50.00		
BJI	25.89	347 eP	48	08.00	0.7	
		S	52	30.00		
SNY	26.86	0 eP	48	16.10	-0.1	
		eS	52	50.00		
TSI	27.07	248 e(P)	48	12.00	-6.5X	
PSI	27.12	246 iPd	48	18.50	-0.4	
	0.9s	92.70nm			5.4mb	
PPI	27.48	238 eP	48	22.00	-0.2	
LZH	27.50	324 eP	48	21.50	-0.9	
	2.2s	147.00nm			5.3mb	
E	15s	1.10um				
HHC	27.90	340 eP	48	26.40	0.5	
BTO	28.21	338 eP	48	28.00	-0.7	
		S	53	12.00		
MDJ	30.09	9 eP	48	44.80	-0.6	
GTA	32.10	324 P	49	03.00	-0.3	
		eS	54	15.00		
LSA	33.26	302 Pc	49	13.90	0.0	
		eS	54	32.00		
MBL	35.99	186 eP	49	36.00	-0.8	
WB2	36.20	163 iPc	49	37.80	-0.8	
PKI	37.56	296 iPc	49	50.00	-0.4	
KKN	37.72	296 iPc	49	51.20	-0.4	
DMN	37.83	296 iPc	49	52.50	-0.1	
	1.0s	80.00nm			5.5mb	
NAU	38.01	192 eP	49	54.00	0.3	
ASPA	39.62	165 eP	50	07.00	-0.3	
		eS	56	06.00		
WBN	40.87	176 eP	50	18.00	0.5	
CTA	41.31	147 e(P)	50	23.00	1.9	
MEK	41.52	187 iPd	50	22.80	0.0	
WMQ	41.98	321 Pc	50	27.50	1.0	
HYB	43.20	280 iPc	50	36.50	-0.3	
	1.0s	60.00nm			5.3mb	
MRWA	44.43	189 iPd	50	46.20	-0.3	
G8A	44.63	274 Pc	50	48.20	-0.2	
	1.3s	114.40nm			5.6mb	
KOD	45.14	270 eP	50	53.00	0.2	
KLB	46.53	187 eP	51	02.00	-1.1	
MUN	47.11	188 eP	51	07.00	-0.7	
POO	47.61	282 iPc	51	11.00	-1.0	
NWAO	47.91	187 eP	51	14.00	0.0	
KSH	48.19	310 eP	51	19.00	2.7X	
STK	49.61	160 eP	51	27.00	-0.1	
CMS	50.82	155 eP	51	37.00	0.6	
ADE	51.62	164 iPd	51	43.40	1.0	
QUE	53.93	297 eP	51	59.20	-0.8	
TOO	56.11	159 eP	52	16.00	0.6	
MHI	60.51	303 iPc	52	46.70	0.3	
MSZ	71.68	148 eP	53	57.00	-0.4	
MSL	73.68	304 eP	54	09.80	0.3	
COL	76.10	26 eP	54	21.00	-1.8	
KEV	78.41	339 eP	54	36.00	0.5	
SOD	79.03	337 iP	54	39.20	0.2	
KJF	79.25	334 iP	54	40.20	0.0	
	0.7s	20.00nm			5.3mb	
SUF	80.26	332 iP	54	45.20	-0.4	
	0.6s	11.50nm			5.1mb	
INK	81.02	22 eP	54	49.50	-0.1	
NUR	81.50	330 iPc	54	46.60	-5.5X	
	0.7s	22.60nm			5.3mb	
Z	20s	0.40um			4.8Msz	
NUR	81.50	330 iPc	54	52.20	0.1	
	0.8s	23.50nm			5.3mb	
		eS	05	04.00		
MBC	81.83	12 eP	54	54.00	0.4	
UPP	85.04	331 iP	55	10.60	0.4	
DAG	85.87	352 iPc	55	14.00	-0.2	
	0.4s	8.47nm			5.3mb	
KRA	87.22	321 eP	55	21.10	-0.1	
JOS	87.37	320 ePc	55	22.80	0.8	
	1.0s	18.60nm			5.3mb	
NB2	87.47	333 P	55	21.60	-0.7	
	0.8s	14.90nm			5.3mb	
VAY	88.32	312 eP	55	26.30	-0.4	
KSP	89.11	323 eP	55	30.50	0.2	
YKA	90.64	23 eP	55	38.60	1.4	
YKC	90.70	23 eP	55	39.00	1.5	
CLL	90.82	324 eP	55	38.00	-0.2	
K8A	92.40	320 e(P)	55	49.00	3.2X	
EDM	96.54	30 ePc	56	11.60	7.0X	
JCT	118.59	42 ePKP	01	24.20	0.5	

KIC	124.55	289 ePKP	01	35.80	0.2	
S.D. = 0.8		on 80 of 91 obs.				

APR 07, 1985 13h 33m 46.23± 0.72s
37.908 N ± 4.8km 20.024 E ± 2.9km
DEPTH = 32.4 ± 5.0 km
4.8mb (24 obs.) 4.0Msz (2 obs.)
IONIAN SEA (399)
ML 4.3 (ATH).

VLS	0.52	59 iPgc	33	56.00	-1.1	
KZN	2.75	29 ePn	34	31.50	2.4	
		ePg	34	38.50		
		eSn	35	02.50		
		eSb	35	07.00		
LCI	2.91	327 ePn	34	30.20	-1.0	
		eSn	35	26.50		
LIT	2.91	41 ePn	34	33.50	2.2	
ATH	2.92	88 ePn	34	32.50	1.1	
		ePg	34	41.00		
		eSb	35	09.00		
		eSg	35	14.50		
OHR	3.25	10 iPnc	34	38.50	2.3	
ORI	3.51	309 iPn	34	40.00	0.1	
		eSn	35	40.00		
THE	3.55	39 ePn	34	41.50	1.1	
		eSn	35	25.00		
BRT	3.68	324 ePn	34	42.00	-0.2	
VAY	3.93	29 iPnc	34	47.30	1.5	
KNT	3.94	33 ePn	34	47.00	1.1	
SKO	4.20	15 iPnc	34	50.30	0.7	
	0.6s	100.00nm				
		iPg	35	07.30		
		iSn	35	44.80		
		iSg	36	09.80		
SRS	4.23	40 ePn	34	51.00	1.0	
SGO	4.52	307 ePn	34	55.00	0.9	
		eSn	35	47.50		
MMB	4.65	37 iPc	34	56.00	-0.1	
GIB	4.75	273 ePn	34	56.00	-1.5	
		eSn	35	47.50		
PRK	5.07	73 ePn	35	02.00	0.0	
NPS	5.21	119 ePn	35	05.00	1.0	
		eSn	36	03.50		
VTS	5.28	26 iPc	35	06.00	1.2	
		iS	35	46.00		
PLD	5.52	39 iPc	35	10.00	1.8	
KDZ	5.54	46 iPc	35	09.00	0.4	
DUI	5.69	313 ePn	35	11.50	0.8	
IZM	5.73	83 eP	35	14.00	2.7X	
DIM	5.94	44 iPd	35	15.00	0.8	
KGT	6.20	64 eP	35	14.00	-3.9X	
PVL	6.54	35 iPc	35	23.00	0.4	
EDC	6.56	66 eP	35	20.10	-2.9	
AQU	6.74	313 ePn	35	26.00	0.5	
JMB	6.78	46 iP	35	25.00	-1.0	
DST	6.93	73 eP	35	26.50	-1.7	
DMK	7.12	54 iPc	35	30.10	-0.6	
MNS	7.19	311 ePn	35	31.00	-0.7	
CLO	7.46	15 ePd	35	34.00	-1.5	
ELL	7.96	95 iP	35	44.70	2.0	
COZ	8.08	22 ePd	35	44.00	-0.3	
CMP	8.26	25 ePd	35	30.00	-16.6X	
BCK	8.39	90 ePn	33	51.90	3.3X	
PSN	8.46	44 iPd	35	49.00	-0.4	
ISR	8.72	32 ePc	35	53.50	0.4	
MLR	8.77	28 iPd	35	54.00	0.1	
FIR	8.86	314 e(Pn)	36	15.00	20.1X	
CEY	8.87	334 ePn	35	52.70	-2.4	
		iSn	37	29.50		
TLB	8.99	40 iPd	35	56.50	-0.3	
TRI	9.08	331 iPnd	35	56.10	-1.9	
		iSn	37	34.00		
		i	38	30.00		
LJU	9.10	335 ePn	35	56.30	-1.9	
		e	36	13.30		
		eSn	37	33.20		
ODB	9.45	31 eP	36	26.00	23.8X	
CFR	9.48	37 ePd	36	03.00	-0.5	
BUD	9.60	356 e(P)	36	01.00	-4.1X	
SRO	9.98	353 ePn	36	08.20	-2.1	
		e	36	26.00		
		e	36	34.50		
		e	39	25.00		
CTI	10.24	325 iPnd	36	10.50	-3.6X	
		eSn	37	58.50		
K8A	10.40	334 iPd	36	15.50	-0.8	

07c 13r

1.2s 67.70nm 5.8mb X
iPP 36 23.20
iPPP 36 29.30
i 36 36.20
iS 38 04.00
i 38 06.30
i 38 12.00
SAL 10.46 320 ePn 36 14.50 -2.4
eSn 38 07.00
ZST 10.50 349 e(Pn) 36 16.00 -1.5
JOS 10.59 2 eP 36 16.60 -2.1
VKA 10.70 347 iP 36 24.70 4.5X
KMR 11.02 339 iP- 36 22.40 -2.2
iS 38 21.00
SPC 11.28 1 eP 36 27.20 -1.1
OSS 11.41 323 eP+ 36 29.50 -0.6
VDL 11.60 321 ePd 36 31.40 -1.3
FRF 11.61 303 eP 36 41.10 8.5X
[illegible] 12.10 321 eP+ 36 38.70 -0.7
[illegible] 12.10 316 eP+ 36 40.80 1.3
KPA 12.14 360 eP 36 40.60 0.8
e 36 46.60
KHC 12.15 339 iPd 36 36.60 -3.3X
e 36 46.00
SAX 12.20 323 eP+ 36 41.70 0.9
HLW 12.36 127 eP 36 43.00 0.3
eS 38 45.00
DIX 12.43 315 ePd 36 43.70 -0.2
EMS 12.69 314 eP+ 36 48.70 1.4
PRU 12.70 344 P 36 44.80 -2.4
Z 13s 2.30um
N 14s 1.70um
E 14s 4.50um
e 36 54.50
ZUL 12.82 322 eP+ 36 48.80 -0.1
SLE 12.97 323 eP+ 36 49.60 -1.3
KSP 13.20 350 eP 36 53.00 -0.8
GRF 13.37 335 eP 36 53.00 -3.1X
Z 18s 0.70um
BRG 13.66 344 eP 37 02.00 2.1
e 39 45.00
e 40 11.50
ROF 13.70 320 eP 36 59.20 -1.3
BSF 13.86 320 eP 37 01.20 -1.4
JER 13.88 112 e(P) 36 57.00 -5.9X
eS 39 20.00
CDF 14.01 323 eP 37 02.90 -1.6
MOX 14.07 337 eP 37 02.00 -3.3X
HAU 14.20 320 eP 37 05.70 -1.2
CLL 14.29 342 iPd 37 16.80 8.7X
1.5s 32.00nm 4.7mb
PRNI 14.50 117 eP 37 06.00 -5.1X
eS 39 35.00
TNS 14.84 330 eP 37 22.20 6.9X
LBF 14.90 313 eP 37 18.10 2.0
1.1s 24.80nm 4.5mb
LOR 15.12 313 eP 37 20.20 1.2
SSF 15.21 312 eP 37 21.60 1.4
BGF 15.36 310 eP 37 23.40 1.3
1.2s 49.70nm 4.6mb
EBR 15.38 297 eP 37 27.00 4.5X
WLF 15.41 324 Pc 37 29.80 7.1X
GRC 15.55 312 iPc 37 25.20 0.2
TCF 15.63 308 eP 37 26.70 1.1
LSF 16.04 307 eP 37 32.30 1.4
MEM 16.15 326 P 37 37.70 5.5X
ENN 16.30 327 ePd 37 39.50 5.4X
1.1s 132.00nm 5.0mb
DGU 16.44 323 Pc 37 40.20 4.3X
3s 35.30nm 4.3mb
S 40 32 10
[illegible] 16.87 331 eP 37 46 50 5.3X
9s 20.00nm 4.2mb
UCC 17.03 324 Pc 37 47.20 3.9X
LGR 17.79 292 eP 37 57.50 4.6X
TOL 18.83 283 eP 38 05.00 -0.7
MUD 19.93 342 eP 38 23.00 5.1X
1.0s 26.00nm 4.5mb
TAB 20.71 81 eP 38 42.00 15.5X
MTE 21.49 285 eP 38 32.50 -1.7
KEF 22.13 91 eP 38 44.00 3.2X
KONO 22.76 346 eP 38 49.00 2.4
NUR 22.81 6 iP 38 46.60 -0.4
0.7s 22.70nm 4.8mb
Z 20s 0.40um 3.9Msz
eS 42 52.00
LR 48 10.00

EKA 23.42 326 Pd 38 53.90 0.9
1.0s 70.40nm 5.1mb
ESK 23.44 325 ePc 38 54.00 0.9
1.0s 105.00nm 5.3mb
TIO 23.51 261 Pc 38 55.50 1.2
i 39 54.00
ESY 23.56 327 ePc 38 56.00 1.7
1.0s 31.00nm 4.8mb
EBL 23.65 327 eP 38 57.20 1.9
0.8s 32.00nm 4.9mb
NB2 23.81 349 P 38 57.20 0.4
1.2s 68.30nm 5.0mb
EDI 23.81 327 ePc 38 57.10 0.4
EAU 23.88 326 eP 38 58.60 1.2
ELO 24.38 327 ePc 39 03.70 1.3
1.0s 41.00nm 4.9mb
EAB 24.48 326 ePc 39 04.60 1.3
SUF 25.12 7 iP 39 09.30 -0.1
0.3s 16.60nm 5.1mb
KJF 26.73 7 iP 39 23.80 -0.4
0.9s 33.80nm 5.0mb
eS 44 04.00
SOD 29.75 5 iP 39 48.40 -3.1X
KEV 32.13 5 eP 40 08.00 -4.4X
BNG 33.34 183 iPc 40 23.40 -0.1
1.2s 31.70nm 5.1mb
KIC 38.63 222 eP 41 07.10 -1.2
WMO 50.23 61 P 42 40.20 -1.0
ALE 51.67 350 ePc 42 51.50 0.0
0.7s 5.00nm 4.6mb
KKN 54.75 80 eP 43 13.60 -1.7
0.6s 15.00nm 5.2mb
HYB 54.81 95 eP 43 13.50 -2.1
PKI 54.96 80 eP 43 14.90 -2.1
0.7s 7.00nm 4.8mb
FRB 56.17 328 eP 43 25.00 0.3
SCH 58.37 317 eP 43 40.00 -0.5
GTA 60.30 61 Pc 43 53.20 -0.9
MBC 63.24 350 eP 44 14.00 0.8
CD2 67.24 68 eP 44 39.30 -0.4
HHC 67.51 55 P 44 41.80 0.4
XAN 69.30 63 P 44 51.40 -1.1
CHTO 70.12 81 eP 44 56.90 -0.7
1.1s 6.18nm 4.6mb
BJI 70.91 54 eP 45 03.00 0.9
ITR 71.54 243 e(P) 45 06.00 -0.3
GYA 71.78 70 P 45 06.80 -0.9
INK 72.27 350 eP 45 10.00 0.2
YKC 73.49 340 eP 45 18.00 1.0
YKA 73.51 340 eP 45 18.10 1.0
SOB1 73.60 244 e(P) 45 27.00 8.6X
CN2 74.36 46 Pc 45 21.60 -0.7
pP 45 30.20 28kmX
SNY 74.46 49 iPd 45 22.50 -0.4
COL 77.08 355 eP 45 39.00 1.6
PSI 79.59 95 iP 45 52.00 0.0
0.6s 14.20nm 5.1mb
EDM 80.67 334 iPd 45 58.50 1.4
TUL 85.55 313 eP 46 24.30 1.9
1.3s 13.60nm 5.0mb
Z 21s 0.09um 4.1Msz
PNT 86.09 335 eP 46 26.00 1.1
ALQ 92.15 319 eP 46 54.00 -0.1
1.0s 2.50nm 4.6mb
S.D. = 1.3 on 118 of 149 obs.

* APR 07, 1985 14h 23m 25.83± 1.28s
2.744 S ±12.4km 128.449 E ±25.6km
DEPTH = 33.0km (normol)
CERAM SEA (270)

AAI 0.97 195 ePd 23 42.40 -0.7
MNI 5.51 319 eP 24 47.70 0.0
KNA 12.93 179 eP 26 31.00 1.0
WB2 18.04 162 eP 27 35.80 0.0
e 31 10.00
ASPA 21.46 166 eP 28 13.00 -0.7
eS 32 09.00
MEK 25.56 201 eP 28 54.00 0.4
KKN 51.44 309 eP 32 30.50 0.0
S.D. = 0.7 on 7 of 7 obs.

? APR 07, 1985 15h 00m 32.62± 2.23s
15 912 N ±47.4km 93 448 W ± 9.3km
DEPTH = 33.0km (normol)
NEAR COAST OF CHIAPAS, MEXICO (69)

COM 1.31 75 iP 00 55.00 0.0
iS 01 12.00
PBJ 1.95 286 iP 01 06.00 1.9
i 01 36.00
VHO 3.41 293 iP 01 26.00 1.0
iS 02 07.00
PIO 4.52 277 iP 01 39.50 -1.1
TPM 6.17 300 iP 02 04.00 0.0
III 6.25 294 iP 02 04.00 -1.3
iS 03 20.00
OXM 6.84 300 eP 02 13.00 -0.5
S.D. = 1.4 on 7 of 7 obs.

? APR 07, 1985 15h 33m 08.88±13.30s
37.280 N ±113.km 20.822 E ±21.2km
DEPTH = 10.0km (geophysicist)
IONIAN SEA (399)

LCI 3.78 325 ePn 34 08.50 0.0
eSn 34 51.50
OHR 3.83 360 ePn 34 08.00 -1.1
VAY 4.26 18 ePn 34 14.70 -0.5
ORI 4.40 310 ePn 34 53.00 35.8X
BRT 4.56 323 ePn 34 39.00 19.5X
SKO 4.71 6 ePn 34 23.40 1.7
i 35 07.80
MMB 4.86 27 iPd 34 24.00 0.3
SGO 5.40 309 e(Pn) 34 23.50 -7.9X
VTS 5.62 18 eP 34 34.00 -0.4
S.D. = 1.3 on 6 of 9 obs.

& APR 07, 1985 16h 24m 00.57s
60.277 N 150.754 W
DEPTH = 45.6km
4.1mb (4 obs.)
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

SLKM 0.35 49 iP 24 09.46 -0.5
iS 24 16.92
NNL 0.36 229 eP 24 10.53 0.6
BRLK 0.52 187 iP 24 11.56 -0.3
NKA 0.53 333 iP 24 12.98 1.1
SEW 0.67 104 iP 24 13.12 -0.7
iS 24 22.37
MPA 0.72 72 iP 24 13.95 -0.6
HOM 0.77 216 ePc 24 15.10 0.0
CNPM 0.79 198 iPd 24 15.20 -0.3
RDT 0.87 291 iP 24 15.97 -0.7
RED 1.01 279 iPd 24 18.00 -0.7
ILM 1.03 266 iP 24 18.20 -0.7
iS 24 33.03
PTE 1.04 55 iP 24 18.01 -0.9
SPU 1.11 325 iP 24 19.26 -0.7
PMS 1.13 31 eP 24 19.77 -0.6
CGLM 1.20 330 iP 24 20.76 -0.6
CRP 1.21 326 iP 24 21.10 -0.4
OPT 1.39 244 iPd 24 23.80 -0.2
PWA 1.44 17 eP 24 24.09 -0.5
PLRM 1.54 30 iP 24 25.12 -0.8
PMR 1.54 30 P 24 25.20 -0.8
PME 1.60 31 eP 24 25.70 -1.1
KNK 1.60 44 eP 24 25.95 -1.0
AUL 1.62 238 eP 24 27.20 0.0
AUH 1.64 237 eP 24 27.71 0.2
GHO 1.74 30 iP 24 28.16 -0.8
MSE 1.79 28 eP 24 28.39 -1.3
PDB 1.79 256 eP 24 29.12 -0.5
GLI 1.91 70 iP 24 29.02 -2.2
SML 1.94 36 eP 24 30.54 -1.1
TTV 1.95 65 eP 24 30.16 -1.7
CDD 2.00 229 ePc 24 32.80 0.3
HIN 2.12 85 eP 24 31.76 -2.5
FID 2.17 75 iP 24 31.99 -2.9
VZW 2.21 67 iP 24 33.40 -2.2
SCM 2.28 45 eP 24 35.81 -0.8
VLZ 2.34 67 eP 24 35.26 -2.0
SVW 2.54 291 eP 24 38.50 -1.7
KLU 2.66 61 iP 24 40.26 -1.8
KDC 2.69 200 eP 24 40.20 -2.2
SGAM 2.76 83 eP 24 40.22 -3.2
TOA 2.88 48 eP 24 44.04 -1.1
KMP 3.06 64 eP 24 45.52 -2.2
TTA 3.66 319 eP 24 54.70 -1.5
SNH 3.95 88 eP 24 56.75 -3.5
BALM 4.21 76 eP 25 00.33 -3.7
COL 4.84 15 iP 25 10.90 -1.8

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FBA      4.84   15 eP     25 10.70   -2.0
PCA      5.24   87 eP     25 14.55   -3.9
PNL      5.74   91 eP     25 20.50   -4.9
IMA      5.96  348 eP     25 27.10   -1.6
DWY      6.51   50 P      25 33.20   -3.0
INK     10.95   36 eP     26 33.00   -4.3
YKA     17.31   67 eP     27 57.20   -2.9
YKC     17.37   67 eP     27 57.00   -3.9
MBC     19.33   22 eP     28 23.00   -1.4
EDM     21.44   93 ePc    28 44.80   -1.7
NEW     22.74  107 P      28 59.00   -0.4
        1.0s      5.00nm            3.9mb
BDW     30.37  106 P      30 08.00   -2.3
        1.1s      2.94nm            3.9mb
ALQ     38.06  111 eP     31 14.80   -1.5
        0.7s      2.23nm            4.2mb
JCT     44.88  108 eP     32 10.20   -1.9
        0.9s      8.82nm            4.6mb
        60 obs. associated

*  APR  07, 1985  16h 42m 29.74± 0.92s
   36.957 S ±12.6km  177.266 E ±13.2km
   DEPTH = 166.6 ±  7.4 km
 OFF E. COAST OF N. ISLAND, N.Z.  (160)

WIZ      0.57  186 P      42 55.00    1.5
                 S      43 15.00
ECZ      1.26  126 P      42 57.00   -1.6
                 S      43 28.00
TUA      1.85  183 P      43 05.30    0.7
                 S      43 34.00
TRZ      2.62  188 P      43 14.00    0.5
                 S      43 53.00
ONE      2.62  296 P      43 14.00    0.4
TNZ      3.18  225 P      43 25.00    4.4X
                 S      44 13.00
TCW      4.85  208 P      43 40.30   -1.8
COB      5.43  219 P      43 49.00   -0.8
                 S      44 55.00
MSZ     10.46  220 P      44 53.00   -3.4X
                 S      46 49.00
WB2     40.98  282 eP     49 57.70    0.0
WBN     44.07  269 eP     50 23.00    0.2
KLG     46.19  261 eP     50 40.00    0.5
MEK     50.28  264 eP     51 10.50   -0.6
SPA     53.23  180 e(P)   51 35.00    2.2
KEV    143.45  343 ePKP   01 40.00   -4.7X
SOD    145.30  341 ePKP   01 45.00   -2.9X
KJF    147.19  336 ePKP   01 50.00   -1.1
SUF    148.70  335 iPKP   01 53.40   -0.1
        0.6s      2.20nm
KIC    149.49  176 ePKP   02 01.20    5.0X
NUR    150.71  332 ePKP   01 59.00    2.4X
     S.D. = 1.3  on  14 of  20 obs.

&  APR  07, 1985  16h 48m 07.54s
   63.020 N          150.999 W
   DEPTH = 137.4km
 CENTRAL ALASKA                  (  1)
     <AGS-P>.

PWA      1 47  159 eP     48 35.40   -0.7
MSE      1 52  141 iP     48 35.91   -0.9
GHO      1 58  141 eP     48 36.57   -0.9
                 iS     48 58.91
PME      1 67  146 eP     48 37.48   -0.9
                 eS     49 00.14
PLRM     1 68  148 eP     48 37.21   -1.3
                 eS     48 59.97
SML      1 74  133 iP     48 38.08   -1.2
CGLM     1 78  196 eP     48 38.93   -0.9
                 iS     49 02.65
CRP      1 84  198 eP     48 40.05   -0.6
                 eS     49 04.68
PMS      1 91  159 eP     48 40.35   -0.9
                 iS     49 05.42
SPU      1 91  196 eP     48 40.13   -1.2
KNK      2 01  142 eP     48 41.30   -1.1
SCM      2 08  123 eP     48 42.07   -1.3
NKA      2 29  183 eP     48 48.07    2.2
TTA      2 30  270 eP     48 44.59   -1.5
PTE      2 36  156 eP     48 45.17   -1.5
FBA      2 36   35 eP     48 45.36   -1.4
TOA      2 42  110 eP     48 46.95   -0.6
                 eS     49 13.86
RDT      2 54  196 eP     48 48.85   -0.3
                 eS     49 20.59

SLKM     2 55  171 eP     48 48.27   -0.9
MPA      2 66  162 eP     48 49.18   -1.3
TTV      2 69  135 eP     48 49.27   -1.7
KLU      2 83  121 eP     48 50.94   -1.9
GLI      2 83  138 eP     48 51.45   -1.4
VZW      2 87  131 eP     48 51.41   -2.0
VLZ      2 90  129 eP     48 51.52   -2.1
ILM      2 98  198 eP     48 54.34   -0.4
NNL      2 99  183 eP     48 55.49    0.6
SEW      3 02  165 eP     48 54.11   -1.1
FID      3 13  135 eP     48 54.80   -1.8
KMP      3 17  116 eP     48 55.75   -1.6
BRLK     3 27  179 eP     48 57.55   -1.0
HIN      3 39  139 eP     48 58.43   -1.7
PDB      3 59  207 eP     49 02.33   -0.4
SGAM     3 74  130 eP     49 03.27   -1.4
BALM     4 54  112 eP     49 13.69   -1.8
       35 obs. associated

%  APR  07, 1985  20h 03m 09.91± 2.07s
   23.808 N ± 8.8km  121.835 E ±17.3km
   DEPTH =  10.0km  (geophysicist)
 TAIWAN                          (244)

TWD      0.35  321 iPd    03 16.80   -0.3
                 eS     03 21.00
TWF1     0.67  228 iPd    03 23.00   -0.2
                 eS     03 33.40
TWC      0.80    1 iPd    03 25.50    0.1
                 eS     03 37.00
TWO      1.03  297 iPd    03 29.50    0.2
                 eS     03 43.70
TWK      1.35  247 ePd    03 35.00    0.2
     S.D. = 0.4  on   5 of   5 obs.

   APR  07, 1985  20h 35m 09.62± 0.39s
   7.140 N ± 8.3km   33.914 W ± 7.6km
   DEPTH =  10.0km  (geophysicist)
   4.8mb (  9 obs.)
 CENTRAL MID-ATLANTIC RIDGE      (406)

ITR     16.42  196 eP     39 02.30    0.4
                 e      39 06.30
                 e      39 12.40
KIC     28.98   90 eP     41 10.90   -0.9
LPB     41.19  235 eP     42 57.00    0.2
BNG     52.24   90 iPd    44 23.40   -0.3
        1.0s     15.80nm           4.9mb
KBA     56.60   37 e(P)   44 54.00   -1.3
        1.3s      8.80nm           4.6mb
                 i      45 04.50
KHC     57.76   35 Pc     45 03.40    0.2
SOP     58.82   38 eP     45 10.80    0.2
BRG     58.84   33 e(P)   45 11.00    0.3
CLO     61.77   42 eP     45 32.00    1.1
TUL     63.14  307 eP     45 39.60   -0.5
        0.8s     14.20nm           5.2mb
NB2     63.35   23 P      45 41.60    0.5
        1.1s      7.90nm           4.8mb
MLR     64.01   43 eP     45 46.00    0.2
                 e      17 55.00
JCT     65.65  300 eP     45 57.00    0.4
        1.0s      5.50nm           4.7mb
SUF     70.26   25 eP     46 24.00   -0.8
KJF     71.50   24 eP     46 33.00    0.8
FFC     71.60  325 ePd    46 32.70   -0.4
        1.1s     12.00nm           4.9mb
ALQ     71.64  304 eP     46 32.00   -2.0
        1.5s     15.28nm           4.9mb
BDW     74.66  312 eP     46 52.00    0.5
        1.0s      3.40nm           4.3mb
ALE     76.28  356 eP     47 00.00    0.3
        0.9s      6.00nm           4.7mb
EDM     77.99  323 eP     47 10.50    0.7
YKC     79.34  332 eP     47 16.00   -0.9
YKA     79.40  332 eP     47 17.30    0.0
M8C     82.03  346 eP     47 32.00    1.1
INK     86.95  338 eP     47 56.00    0.1
     S.D. = 0.8  on  24 of  24 obs.

   APR  07, 1985  21h 10m 09.61± 0.74s
   24.325 N ± 9.3km   69.929 E ±10.0km
   DEPTH =  33.0km  (normal)
   5.0mb (  3 obs.)
 INDIA-PAKISTAN BORDER REG       (712)

QUE      6.41  336 eP     11 43.50   -0.9
                 eS     12 55.00
POO      6.82  147 eP     11 52.00    2.0
NDI      7.84   55 iPc    12 05.80    1.6
        0.6s     66.67nm           5.9mb X
                 eS     13 33.00
HYB     10.59  129 eP     12 41.00   -1.2
GBA     12.81  145 P      13 12.00   -0.1
                 S      15 37.00
KKN     14.22   73 eP     13 29.50   -1.5
        0.4s     28.00nm           5.2mb
PKI     14.30   74 eP     13 30.70   -1.4
        0.4s     23.00nm           5.1mb
MHI     14.94  325 eP     13 40.00   -0.2
KOD     15.75  152 eP     14 00.00    9.0X
KSH     15.93   17 eP     13 55.00    2.0
                 eS     16 44.00
LSA     19.64   70 eP     14 44.10    5.0X
KER     22.22  302 eP     15 10.00    5.0X
WMO     24.29   32 eP     15 30.50    5.4X
CHTO    27.51   96 eP     16 01.00    5.8X
GTA     29.34   52 eP     16 18.80    7.1X
GYA     33.19   78 P      16 51.80    6.2X
XAN     35.21   65 eP     17 08.80    5.8X
NUR     47.66  332 eP     18 43.00   -1.4
                 e      18 58.00
SUF     48.16  335 iP     18 48.70    0.4
        0.4s      1.60nm           4.4mb
KJF     48.40  337 eP     18 50.00   -0.1
KBA     50.03  312 e(P)   19 03.00   -0.2
SOD     50.61  340 eP     19 08.00    1.0
                 i      36 47.80
                 e      37 36.00
MBC     79.50    2 eP     22 17.00    3.1X
     S.D. = 1.3  on  14 of  23 obs

   APR  07, 1985  21h 27m 36.99± 0.21s
   21.225 N ± 4.7km   61.868 E ± 3.1km
   DEPTH =  10.0km  (geophysicist)
   5.2mb ( 39 obs.)  4.7Msz (  5 obs.)
 ARABIAN SEA                     (417)
      CENTROID, MOMENT TENSOR    (HRV)
      Data Used: GDSN
      L.P.B.: 14S, 24C
      Centroid Location:
      Origin Time        2*:27:43.1 0.4
      Lat 20.91N 0.06 Lon  62.44E 0.03
      Dep  10.0 FIX Half-duration  1.9
      Moment Tensor; Scale 10**24 D-CM
        Mrr= 0.35 0.05  Mtt= 0.75 0.07
        Mff=-1.09 0.06  Mrt= 0.00 0.00
        Mrf= 0.00 0.00  Mtf= 0.71 0.06
       Principal Axes:
        T  Val=  0.99  Plg= 0  Azm=161
        N        0.34      90       180
        P       -1.34       0        71
      Best Double Couple:Mo=1.2*10**24
       NP1:Strike=206 Dip=90 Slip= 180
       NP2:        296     90        0

QUE     10.03   26 iPd-   30 02.20   -2 1
                 eS     31 47.50
SHI     11.89  317 eP     30 28.00   -1 8
KHI     13.18  348 eP     30 43.80   -3.2
MHI     15.16  353 iPd    31 11.20   -1.8
NDI     15.77   59 eP     31 18.00   -2.8
                 eS     39 09.00
HYB     16.20  101 eP     31 24.50   -1.9
GBA     16.67  115 P      31 32.00   -0.3
        0.2s     2.60nm           4.0mb X
TEH     17.13  330 eP     31 46.00    7.9X
KER     18.45  318 eP     31 55.00    0.3
KOD     18.55  124 eP     31 57.00    0.8
                 eS     35 20.00
BHD     19.60  311 iPc    32 08.00   -0 4
                 iS     35 45.00
                 iSS    36 07.00
TAB     21.49  325 eP     32 29.00    0.8
                 e      32 35.00
KSH     21.82   31 iPd    32 33.00    1 6
MSL     22.24  317 ePc    32 35.50    0.1
                 ePP    33 06.50
                 ePPP   33 18.50
                 ePcP   36 27.50
                 eS     36 40.00
KKN     22.26   68 iPd    32 37.00    0 9
PKI     22.33   69 iPd    32 37.80    0 9
RTB     22.49  306 ePc    32 40.50    2 5
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07d 21h

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                e      32 46.50
                ePP    33 22.00
                eS     36 50.00
                e      37 01.00
AAE    25.34 245 eP    33 09.40    3.3X
PRNI   25.79 296 eP    33 12.50    2.6
JER    26.01 299 P     33 13.00    1.0
                eS     37 44.00
BHL    26.36 304 P     33 20 00    4.7X
                S      38 17.00
ADI    26.41 302 eP    33 18.00    2.4
LSA    27.69  66 eP    33 27.80   -0.1
SHL    27.85  75 iP    33 28.00   -1.1
                iS     38 10.00
WMQ    31.11  38 Pd    33 58.40    0.6
ELL    31.77 306 iP    34 04.20    0.4
NAI    33.18 231 eP    34 17.00    0.6
       2.0s    135.29nm         5.5mb
IZM    34.31 308 eP    34 26.00    0.2
CHTO   34.87  87 iPc   34 32.20    1.5
       1.3s     26.55nm         5.0mb
TLB    36.34 318 eP    34 40.00   -2.9
GTA    37.10  52 Pd    34 50.10    0.5
                PP     36 15.30
                eS     40 36.40
ISR    37.53 318 eP    34 55.00    2.0
PVL    37.55 314 eP    34 54.00    0.9
KMI    37.67  76 Pd    34 55.00    0 4
     E  20s      3.00um
                PP     36 20.50
                eS     40 38.00
                SS     43 23.00
LOE    37.74  89 eP    34 54.50   -0.5
VRI    37.76 319 eP    34 56.00    1.1
MMB    37.96 311 iPd   34 57.00    0.4
MLR    38.07 318 eP    35 00.00    2.4
CMP    38.54 317 ePc   34 45.00  -16 4X
CD2    38.65  67 P     35 02.70    0.1
                ePP    36 32.00
                eS     40 57.00
                sS     41 15.00
                ScS    45 13.00
COZ    39.00 317 eP    35 06.00    0.5
LZH    39.39  59 eP    35 09.00    0.2
SKO    39.70 311 iPd   35 11.30    0.2
                i      35 17.80
                iS     41 11.80
                iSS    43 45.80
CLO    39.89 316 ePc   35 12.00   -0.7
PSI    40.49 112 iPc   35 20.60    2.7
       0 9s     27.20nm         4.9mb
GYA    41.15  74 P     35 23.00   -0.3
IPM    41.43 108 ePd   35 28.30    2.6
AVY    42 23 200 ePd   35 32.90    0.6
JOS    42.71 320 iPd   35 37.10    1.4
       1 3s     34.70nm         4.9mb
XAN    43 25  63 iPd   35 40.40    0.0
                eS     42 05.00
KRA    43.73 321 eP    35 44.20    0.2
       1.5s    184.00nm         5.7mb
     Z  20s      1.30um         4.8Msz
     N  20s      1.00um
     E  20s      1.60um
                e      35 47.40
                e      35 50.20
                eS     42 19.00
SRO    43.81 318 e(P)  35 45.00    0.3
                e      35 50.50
DUI    44.65 308 eP    35 58.50    7.0X
KGM    44.65 110 eP    35 53.00    1.1
ZST    44.71 318 eP    35 52.00    0.1
                i      35 58.20
SOP    44 87 317 eP    35 52.60   -0.7
QIZ    44.97  84 eP    35 55.60    1.2
                PP     37 45 50
                S      42 37.00
                SS     45 48 00
BTO    44.99  53 iPd   35 55.50    1.1
                PP     37 40.00
                S      42 30.00
BNG    45.22 255 iPd   35 56.20   -0.3
       1.0s     55.40nm         5 5mb
VKA    45.22 318 iPc   35 56.50    0.4
       1 0s     74.60nm         5.6mb
                i      36 02.40
                i      36 37.00
AQU    45.56 309 eP    36 01.00    2.1
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LJU    45.68 314 eP    36 00.30    0.6
                e      36 06.20
                e      37 04.30
                e      37 24.30
                eS     42 46.30
                e      45 52.00
MNS    46.09 309 eP    36 03.00    0.0
KSP    46.18 321 ePc   36 04.30    0.7
                ic     36 09.80
HHC    46.19  53 iPd   36 06.00    2.1
                PP     37 56.00
                S      42 48.50
TIY    46.43  58 iPd   36 06.50    0.6
                S      42 55.00
KBA    46.76 315 iPd   36 07.30   -1.2
       0.8s     23.80nm         5.3mb
                i      36 14.70
                i      37 13.00
PRU    46.91 319 eP    36 10.00    0.6
                e      36 35.50
NUR    47.12 336 eP    36 11.00    0.1
       1.2s    384.00nm         6.4mb X
     Z  20s      0.60um         4.6Msz
                i      36 16.20
                ePP    37 48.00
                eS     43 06.00
                LR     59 50.00
KHC    47.22 318 iPc   36 11.20   -0.7
       1.2s     95.00nm         5.8mb
                i      36 18.00
                e      36 24.50
BHG    47.25 316 eP    36 11.90   -0.2
GZH    47.51  78 Pd    36 15.00    0.5
                eS     43 11.00
BRG    47.58 320 eP    36 15.00    0.4
       1.1s     21.00nm         5.1mb
                e      36 21.00
CTI    47.62 314 eP    36 15.50    0.3
WHN    47.76  68 P     36 17.00    0.6
                S      43 13.00
MTD    48.05 221 iPc   36 19.00    0.2
SUF    48.05 339 iP    36 18.00   -0.2
       0.5s      4.70nm         4.8mb
OGA    48.24 314 eP    36 19.10   -1.0
CLL    48.29 321 iPd   36 20.70    0.6
       1.3s     34.00nm         5.3mb
                i      36 26.80
                eSg    07 57.00
KJF    48.59 341 eP    36 23.00    0.7
                e      36 27.00
                e      37 29.00
                eS     43 22.00
                eSS    46 56.00
OSS    48.78 314 ePd   36 23.80   -0.5
GRF    48.86 318 eP    36 24.30   -0.3
     Z  20s      0.40um         4.4Msz
MOX    48.90 319 eP    36 28.00    3.1X
       1.6s     74.00nm         5.5mb
     Z  20s      0.70um         4.6Msz
     N  18s      0.80um
     E  20s      0.50um
                eS     43 35.00
LSZ    49.08 225 iP    36 26.90    0.1
       1.4s    525.00nm         6.4mb X
BJI    49.57  55 eP    36 32.00    1.8
                eS     43 42.00
LLS    49.59 314 ePd   36 29.30   -1.2
UPP    49.61 332 iP    36 29.40   -0.7
TIA    50.08  60 Pd    36 34.80    0.6
                ePP    38 31.00
                S      43 44.50
                SS     47 10.00
SLE    50.12 315 ePd   36 32.80   -1.6
MMK    50.13 313 ePd   36 33.90   -0.8
ZUL    50.13 315 ePd   36 33.10   -1.4
DIX    50.51 313 ePd   36 39.10    1.4
EMS    50.84 313 ePd   36 41.80    1.7
GWF    50.96 316 eP    36 40.40   -0.3
CDF    51.06 316 eP    36 40.40   -1.2
SOD    51.19 343 eP    36 42.00   -0.1
BSF    51.26 315 eP    36 42.30   -0.8
       1.1s     45.20nm         5.3mb
NJ2    51.56  65 iPd   36 46.00    0.6
                iS     44 07.00
HAU    51.58 315 eP    36 44 30   -1.2
WLF    52.04 317 Pc    36 54 60    5.8X
WTS    52.17 320 eP    36 53.50    3.7X
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       1.0s     20.00nm         5.0mb
                e      36 56.00
MUD    52.18 326 eP    36 53.00    3.3X
       0.9s     23.00nm         5.1mb
MEM    52.34 318 P     36 57.00    5.9X
BUL    52.42 221 iPd   36 52.40    0.2
       0.7s     17.12nm         5.1mb
ENN    52.42 318 eP    36 58.00    6.3X
       1.3s     50.00nm         5.3mb
KEV    52.85 346 eP    36 42.00  -12.7X
                e      36 50.00
                i      37 00.20
                eS     44 20.00
                eScS   46 40.00
                eSS    48 00.00
NB2    52.96 332 P     36 54.80   -0.9
       1.4s     61.40nm         5.3mb
LBF    53.00 313 eP    36 55.40   -0.8
       1.1s     27.10nm         5.1mb
SMF    53.04 313 eP    36 55.40   -1.1
       1.1s     36.60nm         5.2mb
DOU    53.12 317 P     37 00.60    3.7X
LOR    53.12 314 eP    36 55.90   -1.1
       1.4s     23.50nm         4.9mb
SSF    53.33 313 eP    36 57.70   -0.8
       1.4s     54.00nm         5.3mb
AVF    53.39 313 eP    36 57.80   -1.2
SSE    53.60  66 eP    37 01.20    0.5
                pP     37 07.20   20kmX
                eS     44 35.00
GRC    53.65 314 iPc   37 00.90    0.0
BGF    53.71 313 eP    37 00.60   -0.7
       1.4s     64.50nm         5.4mb
DL2    53.72  57 eP    37 00.00   -1.5
MZF    53.85 312 eP    37 02.00   -0.4
       1.2s     34.10nm         5.2mb
CAF    54.08 311 eP    37 04.20    0.1
       1.0s     28.00nm         5.2mb
TCF    54.12 312 eP    37 03.80   -0.5
       1.1s     15.80nm         5.0mb
RJF    54.50 311 eP    37 07.20    0.0
       1.1s     60.50nm         5.5mb
LSF    54.58 312 eP    37 07.10   -0.7
       1.2s     27.50nm         5.2mb
LPO    54.68 310 eP    37 08.80    0.3
       1.1s     36.10nm         5.3mb
LFF    55.02 311 eP    37 10.90   -0.1
       1.3s     73.50nm         5.6mb
SNY    55.28  53 eP    37 12.40   -0.5
                eS     44 48.00
BAG    55.52  84 eP    37 15.00   -0.2
MFF    55.77 313 eP    37 15.70   -0.6
       1.4s     43.50nm         5.3mb
LDF    55.94 315 eP    37 16.70   -0.9
       0.9s     16.30nm         5.1mb
CN2    56.71  51 Pd    37 22.70   -0.5
                PPP    40 51.00
                S      45 13.00
EVA    57.11 215 eP    37 26.40    0.0
       0.9s     15.13nm         5.0mb
LGR    57.27 308 iPd   37 37.50   10.3X
BFS    58.68 217 eP    37 36.60   -0.7
       0.9s     50.42nm         5.6mb
MAL    58.95 301 iPd   37 27.80  -11.2X
VIR    59.55 216 eP    37 42.50   -0.8
       1.0s     52.00nm         5.6mb
TIO    61.99 295 iPd   37 59.00   -1.1
SHK    62.85  61 eP    38 04.00   -1.6
KIC    65.94 268 iP    38 25.10   -0.8
                e      38 35.70
MAT    67.00  58 (P)   38 31.00   -1.4
       1.5s     27.78nm         5.2mb
     Z  20s      0.53um         4.8Msz
                eS     47 23.00
MRWA   72.35 132 eP    39 04.00   -1.2
MEK    72.63 128 eP    39 06.00   -1.0
ALE    73.29 353 eP    39 09.50   -0.4
       0.9s      6.00nm         4.7mb
MUN    74.18 134 eP    39 15.00   -0.8
KLB    75.00 133 eP    39 19.00   -1.6
NWAO   75.45 134 eP    39 22.00   -1.1
WBN    78.43 124 eP    39 39.00   -0.9
WB2    81.83 115 eP    39 57.20   -0.9
MBC    82.75   0 eP    40 02.00    0.1
ASPA   83.10 119 eP    40 02.00   -2.7
       1.0s     15.00nm         5.1mb
                eS     50 23.00
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FRB     86.94 340 eP     40 23.00   -0.2
IMA     88.91  14 eP     40 33.40    0.5
INK     90.04   6 eP     40 38.00    0.2
YKA     96.52 358 eP     41 09.10    1.3
YKC     96.53 358 eP     41 10.00    2.2
ALQ    123.05 349 ePKP   46 37.00    1.1
        1.2s      5.08nm
      S.D. = 1.1  on 138 of 154 obs.

• APR 07, 1985  21h 53m 16.08± 1.01s
  22.375 S ±10.6km   68.860 W ±13.5km
  DEPTH = 159.3 ± 14.9 km
 NORTHERN CHILE                    (123)

ANT      1.95 227 eP     53 51.30   -0.3
                  iS     54 14.80
YJA      3.12  87 iPc    54 04.90   -1.4
                  S      54 41.00
SLA      3.88 128 ePd    54 17.00    1.2
                  S      55 04.00
CCH      5.59  28 P      54 39.60    1.0
LPB      5.86   7 eP     54 42.00   -0.2
     Z  18s     1.03um
                  i      55 02.00
                  LR     39 04.00
ARE      6.38 337 eP     54 54.00    4.8X
                  iS     55 56.50
TCA      9.71 158 ePc    55 31.10   -2.0X
MDZ     10.47 180 eP     55 50.60    7.5X
PEL     10.85 188 eP     55 52.50    4.4X
                  e      58 25.00
ITB1    13.47 102 Pd     56 28.30    6.3X
VAO     20.21  96 eP     57 40.30   -0.1
                  i      57 41.20
                  i      57 44.80
                  e      57 53.50
ITR     32.21  70 e(P)   59 31.00   -0.2
ALQ     67.25 327 e(P)   04 01.00    5.4X
KIC     68.90  73 eP     04 09.30    3.4X
YKA     92.02 341 eP     06 14.20    6.8X
      S.D. = 1.2  on  7 of 15 obs.

• APR 07, 1985  23h 40m 50.93± 1.31s
  37.448 N ±15.4km   22.115 E ±12.6km
  DEPTH = 33.0km  (normal)
  3.5mb (  1 obs.)
 SOUTHERN GREECE                   (368)
      ML 3.3 (ATH).

ATH      1.37  67 ePn    41 12.60   -1.4
                  eSn    41 35.00
                  eSg    41 36.70
VLS      1.41 302 ePn    41 14.00   -0.5
KZN      2.87 355 ePn    41 40.60    5.2X
NPS      3.57 127 ePg    41 46.00    0.7
VAY      3.88   5 ePn    41 54.00    4.3X
MMB      4.32  16 iPc    41 59.00    3.0X
SKO      4.55 354 ePn    42 01.80    2.6X
VTS      5.21   9 eP     42 10.00    1.4
NB2     24.59 347 P      46 08.80   -0.3
        0.5s      0.70nm          3.5mb
      S.D. = 1.5  on  5 of  9 obs.

% APR 08, 1985  00h 58m 04.85± 0.91s
  59.828 N ± 5.8km    5.169 E ±11.6km
  DEPTH = 10.0km  (geaphysicist)
 SOUTHERN NORWAY                   (535)
      DUR 2.0 (BER).

BER      0.57   8 iPg    58 16.20   -0.1
                  eSg    58 23.30
KMY      0.62 176 iPg    58 17.30    0.0
                  eSn    58 25.30
                  eSg    58 28.30
ASK      0.66   1 iPnd   58 17.70   -0.2
                  iSn    58 26.80
                  eSn    58 28.90
ODD      0.77  80 iPgd   58 19.70   -0.1
                  eSg    58 29.50
SUE      1.25 351 iPn    58 28.00    0.0
                  iSn    58 44.90
HYA      1.43  20 iPnd   58 31.30    0.5
                  iSn    58 50.30
      S.D. = 0.3  on  6 of  6 obs

& APR 08, 1985  01h 09m 33.10s
  34.050 N          118.920 W
    DEPTH =  13.0km
 SOUTHERN CALIFORNIA               ( 43)
      <PAS-P>. ML 3.4 (PAS). Felt (V)
      at Simi Valley, (IV) at
      Camarillo and Thausand Oaks and
      (III) at Port Hueneme. Felt in
      Venturo and Los Angeles
      Counties.

MWC      0.74  76 iPc    09 46.50   -0.9
CIS      0.77 146 iPc    09 47.40   -0.5
SYP      1.00 299 iPd    09 50.90   -0.9
SBB      1.11  55 iPd    09 52.60   -1.1
BLP      1.33 293 P      09 55.10   -2.2
SDW      1.63  69 P      10 01.20   -0.4
SLBC     1.73 127 eP     10 05.30    2.3
                  eS     10 29.40
WKTM     1.78  13 P      10 03.20   -0.7
VPEM     2.10  25 P      10 07.30   -1.2
FRI      3.00 348 P      10 19.00   -2.2
JAS1     4.06 343 P      10 34.70   -1.4
EUR      5.92  23 iP     11 09.00    6.3X
        0.2s      0.56nm          3.9mb X
      12 obs. associated

• APR 08, 1985  01h 26m 51.10± 0.90s
  13.582 N ±13.9km  120.946 E ±17.0km
  DEPTH = 33.0km  (normal)
  4.6mb (  3 obs.)
 MINDORO, PHILIPPINE ISLANDS       (250)

MAN      1.08   7 eP     27 09.00   -0.9
                  eS     27 24.00
SZP      3.97 353 ePd    27 59.00    7.7X
CVP      4.18  12 eP     28 00.50    6.3X
PLP      4.61 121 eP     28 02.10    1.7
WRA     35.83 158 Pd     33 48.60   -1.1
        0.6s      0.90nm          3.9mb
WB2     35.83 158 eP     33 48.50   -1.3
PKI     35.92 298 eP     33 51.60    0.7
        0.7s      8.00nm          4.8mb
KKN     36.09 299 eP     33 53.10    0.9
        0.7s      7.00nm          4.7mb
      S.D. = 1.6  on  6 of  8 obs.

• APR 08, 1985  02h 36m 32.69± 3.68s
  32.587 S ±10.3km   68.336 W ±27.0km
  DEPTH = 142.2 ± 48.7 km
 MENDOZA PROVINCE, ARGENTINA       (139)

MDZ      0.52 236 iPd    36 53.60    0.0
                  iS     37 08.90
CFA      0.98   5 iPd    36 56.70   -0.2
                  S      37 14.00
ZON      1.08 344 iPd    36 58.50    0.7
                  eS     37 16.00
RTCB     1.17 340 iPd    36 58.30   -0.4
                  S      37 17.00
RTLL     1.26 355 iPd    36 59.30   -0.2
                  S      37 18.70
RFA      2.18 183 ePd    37 10.00    0.0
TCA      3.42  70 iPd    37 25.90    0.0
                  S      37 58.00
                  e      38 04.80
      S.D. = 0.5  on  7 of  7 obs.

• APR 08, 1985  03h 34m 17.15± 0.95s
   5.461 N ±11.3km  126.586 E ±27.7km
   DEPTH = 33.0km  (normal)
   4.7mb (  2 obs.)
 MINDANAO, PHILIPPINE ISLANDS      (259)

CGP      3.52 328 iPc    35 12.00    1.2
PLP      5.89 344 iPd    35 43.50   -0.9
                  eS     35 53.00
KNA     21.18 174 iPd    39 04.70    2.5X
WRA     26.37 163 Pd     39 52.80    0.4
        0.4s      3.70nm          4.3mb
WB2     26.38 163 eP     39 52.20   -0.2
                  i      39 56.00
WBN     31 41 180 iPd    40 38.80    1.2
MEK     32.82 193 eP     40 49.00   -0.9
MUN     38.52 194 iPd    41 38.00   -0.3
GBA     49.06 283 Pc     43 03.20   -0.3
        0.3s      5.80nm          5.1mb
      S.D = 1.0  on  8 of  9 obs

    APR 08, 1985  03h 45m 22.98± 0.36s
    11.048 S ± 7.1km  166.923 E ± 6.8km
    DEPTH =  33.0km  (normal)
    4.6mb (  7 obs.)
  SANTA CRUZ ISLANDS                (184)

HNR      7.05 283 eP     47 06.00   -0.6
                  eS     48 48.00
SVO      7.25 284 eP     47 10.00    0.7
                  eS     48 40.00
VSG      7.32 283 P      47 17.00    6.6X
NOU     11.21 182 iPc    48 03.40   -0.6
CTA     21.82 243 iPd    50 15.00    0.5
        1.0s     20.00nm          4.5mb
                  iS     54 18.00
CTAO    21.82 243 eP     50 15.70    1.2
        1.0s     10.00nm          4.2mb
RMO     23.01 226 eP     50 27.00    0.8
COO     23.93 213 eP     56 37.00    2.8
CMS     28.18 221 eP     51 14.00   -0.6
WB2     32.56 250 eP     51 51.20   -2.3
ASPA    33.83 244 eP     52 03.00   -1.6
        1.1s      8.00nm          4.6mb
ADE     35.01 223 eP     52 13.80   -0.8
AAI     39.06 278 iPd    52 32.80  -16.2X
WBN     40.89 243 eP     53 04.00    0.1
MEK     48.04 244 eP     54 02.00    0.6
KLB     49.68 238 eP     54 13.00   -0.9
NWAO    50.42 236 iPd    54 19.80    0.2
KGM     64.56 278 ePc    56 07.00    7.3X
MDJ     64.90 331 eP     56 01.00   -0.3
CN2     66.34 328 Pd     56 10.70    0.1
XAN     70.98 312 eP     56 39.40   -0.2
KMI     72.11 301 Pc     56 47.00    0.2
                  pP     56 54.50   24kmX
CD2     73.53 307 eP     56 55.70    0.9
SPA     79.02 180 eP     57 25.00   -0.2
        1.1s     11.90nm          4.8mb
GTA     79.89 314 P      57 30.40    0.0
COL     82.97  18 eP     57 45.00   -0.8
        0.8s      7.46nm          4.8mb
PLM     84.74  55 eP     57 56.00    0.4
CLC     84.89  52 eP     57 56.00   -0.1
TPC     85.61  54 eP     57 55.00   -4.8X
GLA     86.30  55 eP     58 04.00    0.8
BMN     86.55  48 eP     58 04.70    0.3
        1.4s      4.38nm          4.5mb
EUR     87.19  49 iP     58 08.00    0.3
        1.0s      3.46nm          4.6mb
ALQ     93.50  55 e(P)   58 35.00   -2.2
YKA     94.45  27 eP     58 46.30    5.7X
SOB1   145.79 125 iPKPd   05 00.90    0.0
        1.1s     57.70nm
                  i      05 07.50
BNG    148.00 261 iPKPd   05 05.90    1.4
        1.2s     31.70nm
ITR    148.01 127 ePKP    05 05.40    0.9
                  e      05 12.00
                  e      05 25.70
      S.D. = 1.0  on 32 of 37 obs.

• APR 08, 1985  05h 01m 01.82± 1.17s
  35.783 N ±10.5km  138.719 E ±11.6km
  DEPTH = 31.3 ± 12.0 km
 HONSHU, JAPAN                     (227)

KOF      0.18 228 eP     01 08.00    0.0
                  S      01 11.00
DDR      0.44  61 eP     01 10.70   -0.8
                  e      01 16.30
SRY      0.48 111 eP     01 12.30    0.2
OYM      0.56 130 eP     01 14.30    1.0
MAT      0.86 332 iPd    01 17.60   -0.1
                  iS     01 27.90
TSK      1.21  69 eP     01 23.70    1.1
KYS      1.30 116 eP     01 22.50   -1.5
      S.D = 1.3  on  7 of  7 obs

? APR 08, 1985  07h 30m 26.78± 6.55s
  11.221 S ±51.0km  167.852 E ±72.8km
  DEPTH = 33.0km  (normal)
  4.7mb (  3 obs.)
 SANTA CRUZ ISLANDS                (184)

HNR      7.98 282 eP     32 25.00    1.6
                  eS     33 40.00
SVO      8.17 284 eP     32 30.00    3.9X
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08d 07h

		eS	33 45.00		
VSG	8.25	283 P	32 32.00	4.9X	
NOU	11.11	187 iPc	33 07.70	1.3	
RMO	23.55	227 iPd	35 34.90	-0.3	
CMS	28.65	222 eP	36 22.00	-0.7	
WB2	33.36	251 iPc	37 02.20	-2.1	
WRA	33.37	251 Pc	37 02.40	-2.0	
	0.9s	7.10nm		4.6mb	
WBN	41.62	243 eP	38 14.00	0.3	
MEK	48.79	244 iPc	39 11.50	0.5	
	0.6s	19.00nm		5.3mb	
KLB	50.36	238 eP	39 23.00	0.1	
NWAO	51.09	237 eP	39 28.00	-0.4	
NAU	51.12	250 iPd	39 30.20	1.4	
MRWA	51.42	242 iPd	39 31.40	0.4	
	0.5s	4.00nm		4.6mb	
	S.D. = 1.3	on 12 of	14 obs.		

& APP 08, 1985 08h 03m 25.10s
38.833 N 122.752 W
DEPTH = 2.0km (geophysicist)
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.1 (BRK)
Mo=3.2*10**21 (BRK). Felt strongly in the area of The Geysers

NWRM	0.39	196 eP	03 33.00	0.1	
ZSP	0.97	156 eP	03 43.10	-1.1	
		i	03 44.10		
		i	03 44.80		
		e(S)	04 01.50		
BRK	1.03	158 eP	03 44.30	-1.0	
BKS	1.04	157 iPc	03 44.30	-1.1	
		eS	04 00.00		
ORV	1.21	53 eP	03 47.20	-1.2	
		i	03 54.50		
PCC	1.36	168 eP	03 48.80	-2.2	
		e	03 49.40		
		i	03 51.60		
		i	04 12.50		
MHC	1.73	149 eP	03 54.90	-1.6	
MIN	1.75	30 eP	03 56.00	-0.8	
WDC	1.75	5 ePb	03 56.80	0.1	
ARN	1.77	147 eP	03 55.00	-1.9	
GCC	1.90	161 eP	03 56.20	-2.6	
JAS*	2.04	116 eP	04 00.00	-0.9	
SLD	2.13	145 eP	04 00.50	-1.7	
FHC	2.18	335 ePg	04 00.20	-2.8	
SAO	2.31	153 eP	04 02.00	-2.8	
WCN	2.38	78 eP	04 06.00	0.0	
LLA	2.64	146 eP	04 07.50	-1.9	
PRS	2.73	156 eP	04 08.80	-1.9	
FRI	3.03	126 e(P)	04 13.30	-1.7	
BMN	4.56	68 eP	04 36.00	-0.8	
CLC	5.09	125 eP	04 52.00	7.6	
EUR	5.31	81 iP	04 47.00	-0.7	
	0.5s	3.99nm		4.3mb X	
SBB	5.72	135 eP	04 51.00	-2.3	
GSC	5.92	125 eP	04 54.00	-2.0	
MWC	5.95	139 eP	05 01.00	4.4	
	25 obs. associated				

? APR 08, 1985 08h 45m 22.77± 3.56s
2.556 S ±33.1km 100.427 E ±22.2km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
SOUTHERN SUMATERA (274)

PPI	2 09	359 eP	45 57.50	1.4	
		iS	46 08.70		
KGM	5 38	33 ePc	46 43.00	0.1	
PS	5 43	344 ePd	46 43.20	-0.3	
	0.6s	27.60nm		5.0mb X	
TPM	7 11	5 ePd	47 06.00	-1.3	
PKI	33 26	335 eP	51 59.60	-0.2	
	0.5s	3.00nm		4.5mb	
KKN	33 51	335 eP	52 02.00	0.2	
	0.5s	9.00nm		4.9mb	
	S.D. = 1.1	on 6 of	6 obs.		

* APR 08, 1985 09h 41m 56.12± 3.28s
19.266 N ± 8.3km 144.816 E ±12.5km
DEPTH = 397.2 ± 34.7 km
4.5mb (11 obs)
MARIANA ISLANDS (216)

PJG	5.65	180 e(P)	42 53.40	-32.0X	
MAT	18.16	343 iPc	45 42.90	-0.2	
	0.7s	19.18nm		4.6mb	
MTN	34.64	204 iPd	48 11.10	-0.4	
	0.4s	10.00nm		4.5mb	
WB2	40.29	195 iPc	48 58.10	-0.1	
WRA	40.30	195 Pc	48 58.10	-0.1	
	0.4s	3.40nm		4.0mb	
MBL	47.03	213 eP	49 51.00	-0.4	
PKI	54.70	291 eP	50 48.80	0.0	
	0.5s	15.00nm		4.6mb	
KKN	54.80	291 eP	50 50.50	1.2	
	0.7s	12.00nm		4.3mb	
DMN	54.97	291 eP	50 50.80	0.3	
	0.5s	15.00nm		4.6mb	
COL	63.16	26 eP	51 44.00	-0.9	
GBA	64.54	276 P	51 56.00	1.5	
	0.2s	2.70nm		4.5mb	
MBC	72.81	14 eP	52 44.00	0.3	
YKA	77.88	28 eP	53 13.00	0.9	
YKC	77.94	28 eP	53 13.00	0.6	
KEV	81.14	342 eP	53 21.00	-8.2X	
SOD	82.54	340 iP	53 36.30	-0.1	
KJF	83.88	337 iP	53 43.00	-0.1	
	0.6s	13.00nm		4.8mb	
EUR	84.80	50 eP	53 49.30	0.8	
LRM	84.90	43 eP	53 49.90	1.0	
SUF	85.28	336 iP	53 48.90	-1.2	
	0.4s	5.30nm		4.7mb	
NUR	87.13	335 eP	53 58.00	-1.0	
HFS	91.55	338 eP	54 18.80	-0.8	
	0.5s	1.80nm		4.3mb	
NB2	91.75	339 P	54 19.60	-1.0	
	0.6s	1.30nm		4.0mb	
	S.D. = 0.8	on 21 of	23 obs.		

APR 08, 1985 09h 55m 59.16± 0.24s
7.113 N ± 5.4km 33.869 W ± 4.4km
DEPTH = 10.0km (geophysicist)
5.2mb (37 obs.) 4.9Msz (5 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)

SO81	17.66	203 eP	00 09 40	2.3	
	0.7s	7.70nm		3.9mb X	
BAO	26.58	212 P	01 39.10	-0.5	
KIC	28.93	90 eP	01 59.30	-1.6	
BMG	38.90	272 iP	03 30.00	2.8X	
BOG	40.05	269 eP	03 28.00	-9.0X	
CCH	40.12	232 eP	03 39.00	1.6	
LPB	41.22	235 eP	03 46.00	-0.6	
Z	18s	1.03um		4.7Msz	
		LR	16 12.00		
YJA	42.52	226 e(P)	03 57.00	-0.2	
PSO	43.72	264 eP	04 07.50	0.4	
ARE	43.98	238 eP	04 12.00	3.0X	
SLA	44.17	223 ePc	04 10.40	0.1	
EPF	46.73	34 eP	04 31.90	1.6	
	1.1s	21.90nm		5.1mb	
CAF	48.90	34 eP	04 47.50	0.3	
	1.1s	27.80nm		5.2mb	
TCF	49.85	32 eP	04 54 70	0.2	
	1.5s	40 60nm		5.2mb	
MZF	50.00	33 eP	04 56.10	0.5	
	1.5s	82.20nm		5.5mb	
BGF	50.36	32 eP	04 58.70	0.3	
	1.3s	45.10nm		5.3mb	
LRG	50.50	38 eP	04 59.90	0.4	
AVF	50.77	32 eP	05 01.70	0.2	
	1.2s	17.40nm		4.9mb	
SMF	50.94	33 eP	05 03.10	0.3	
	1.5s	28.20nm		5.0mb	
GRC	50.95	32 iPd	05 03.30	0.5	
SSF	51.03	32 eP	05 03.70	0.3	
	1.4s	27.80nm		5.0mb	
LBF	51.23	33 eP	05 05.30	0.3	
	1.3s	24.70nm		5.0mb	
LOR	51.34	32 eP	05 05.80	-0.1	
	1.4s	32.20nm		5.1mb	
MNT	51.39	325 eP	05 07.50	1.3	
BLA	51.76	312 eP	05 09.70	0.5	
BNG	52.20	90 iPc	05 12.60	-0.3	
	1.0s	31.60nm		5.2mb	
EMS	52.31	35 eP+	05 14.30	0.8	
OTT	52 54	324 eP	05 17 00	2.1	
DIX	52.59	35 eP+	05 16 70	1.0	
ORO	52.67	36 eP	05 16.50	0.5	
MMK	52.90	36 eP+	05 19.00	1.1	

HAU	53.13	33 eP	05 19.20	-0.1	
	1.3s	43.30nm		5.2mb	
BSF	53.26	33 eP	05 20.20	-0.2	
	1.2s	35.20nm		5.2mb	
DOU	53.52	30 P	05 21.80	-0.2	
CDF	53.87	33 eP	05 24.50	-0.2	
ZUL	53.94	34 eP+	05 25.90	0.6	
LLS	53.94	35 eP+	05 25.60	0.1	
SLE	54.16	34 eP+	05 27.30	0.5	
SCH	54.37	337 eP	05 27.00	-1.3	
AQU	54.43	42 eP	05 30.00	1.0	
OSS	54.51	36 eP+	05 29.50	-0.1	
MEM	54.54	30 P	05 30.20	0.7	
SGO	54.97	45 eP	05 33.50	0.6	
CTI	55.07	37 eP	05 33.00	-0.7	
ORI	55.58	46 eP	05 43.50	6.2X	
KBA	56.60	37 i(P)	05 44.50	-0.3	
	1.2s	25.00nm		5.1mb	
		i	05 50.30		
		i	35 12.80		
		i	35 26.80		
		i	35 29.50		
GRF	56.73	33 eP	05 45.40	-0.1	
	1.9s	110.00nm		5.6mb	
Z	19s	0.80um		4.8Msz	
		epP	05 51.20	19kmX	
LJU	56.83	38 e(P)	05 46.30	0.1	
		e	05 52.30		
HOF	57.42	33 iPc	05 50.70	0.3	
MOX	57.46	33 ePc	05 50.00	-0.6	
		e	05 57.00		
KHC	57.75	35 iPc	05 52.90	0.2	
	1.1s	17.50nm		5.0mb	
		e	06 02.60		
		e	07 52.80		
CLL	58.56	32 eP	06 04.00	5.8X	
	1.3s	17.00nm		5.0mb	
PRU	58.72	34 eP	05 59.00	-0.4	
		e	06 05.50		
		e	07 48.00		
BRG	58.84	33 eP	06 00.60	0.4	
	2.0s	95.00nm		5.6mb	
		e	06 07.20		
OHR	59.05	46 eP	06 01.30	-0.7	
ZST	59.37	37 iP	06 03.50	-0.4	
		i	06 10.00		
SKO	59.79	45 iP	06 07.20	0.2	
		i	06 13.50		
KSP	60.12	34 ePc	06 09.20	0.1	
		ed	06 15.20		
VAY	60.39	46 eP	06 11.60	0.6	
JDS	61.57	38 ePc	06 19.30	0.3	
	2.0s	52.30nm		5.4mb	
SPC	61.67	37 eP	06 11.30	-8.6X	
		e	06 19.60		
CLO	61.76	42 eP	06 20.00	-0.3	
FRB	61.76	343 eP	06 19.00	-1.0	
KRA	61.85	36 eP	06 20.60	-0.2	
		i	06 27.10		
BHO	62.15	305 e(P)	06 21.50	-1.7	
TUL	63.19	307 eP	06 28.80	-1.2	
	1.1s	53.10nm		5.6mb	
N	20s	0.53um			
E	21s	0.35um			
		e	06 35.20		
NB2	63.35	23 P	06 31.20	0.5	
	1.2s	28.00nm		5.3mb	
GDH	63.39	352 iPc	06 30.00	-0.7	
	1.0s	20.00nm		5.3mb	
HFS	63.79	24 (P)	06 32.10	-1.4	
	0.7s	2.60nm		4.5mb	
MLR	63.99	43 ePd	06 35.00	-0.3	
		e	34 40.00		
OCO	64.47	306 e(P)	06 36.80	-1.6	
UPP	65.29	26 iP	06 42.50	-0.7	
JCT	65.70	300 iP	06 45.50	-1.0	
	1.1s	30.38nm		5.4mb	
Z	20s	0.99um		5.0Msz	
BLF	68.04	125 eP	07 05.10	3.6X	
	1.1s	54.05nm		5.7mb	
VIR	68.22	124 eP	07 01.10	-1.5	
	0.6s	20.00nm		5.5mb	
BPI	68.52	122 e(P)	07 00.00	-4.6X	
NUR	68.70	27 iP	07 04.10	-0.7	
	1.0s	10.00nm		5.0mb	
Z	18s	0.20um		4.4Msz	
		i	07 09.80		

LR 33 00.00
SEK 68.93 124 e(P) 07 05.00 -2.0
0.7s 34.25nm 5.6mb
DAG 70.10 4 eP 07 13.00 -0.1
SUF 70.26 25 eP 07 13.00 -1.3
KJF 71.50 24 eP 07 16.00 -5.8X
1.1s 40.80nm 5.4mb
i 07 27.80
FFC 71.65 325 eP 07 22.00 -0.9
1.1s 28.00nm 5.3mb
ALO 71.69 304 eP 07 23.00 -0.8
1.5s 33.33nm 5.2mb
Z 20s 1.15um 5.1Msz
SOD 72.39 21 eP 07 20.00 -7.1X
BDW 74.71 312 eP 07 40.90 -0.5
1.1s 14.12nm 4.9mb
ALE 76.30 356 eP 07 49.00 -0.5
1.2s 26.00nm 5.2mb
LRM 76.98 315 eP 07 54.00 -0.2
EDM 78.04 323 ePc 07 59.00 -0.6
GLA 78.59 302 eP 08 04.00 0.9
YKC 79.39 332 eP 08 05.00 -1.7
0.9s 9.00nm 4.8mb
EUR 79.43 309 iP 08 09.00 1.2
1.2s 13.47nm 4.8mb
YKA 79.45 332 eP 08 06.20 -0.8
TPC 79.59 303 eP 08 08.00 -0.5
GSC 80.18 305 eP 08 13.00 1.3
NEW 80.24 318 eP 08 11.00 -0.7
PLM 80.29 303 eP 08 13.00 0.6
BMN 80.38 310 eP 08 13.20 0.5
1.0s 4.75nm 4.4mb
RVR 80.69 303 eP 08 15.00 0.7
CLC 80.81 305 eP 08 15.00 0.0
SBB 81.04 304 eP 08 17.00 0.8
MWC 81.25 303 eP 08 01.00 -16.5X
MBC 82.06 346 eP 08 21.00 0.4
1.0s 23.00nm 5.2mb
MHI 88.54 54 eP 08 56.00 2.2
BAG 145.57 47 ePKP 15 39.50 -1.0
CVP 145.58 44 ePKPd 15 40.80 0.5
CAN 151.80 185 ePKP 15 56.00 6.4X
S.D. = 0.9 on 94 of 106 obs.

% APR 08, 1985 10h 03m 05.53± 0.85s
39.095 N ± 7.0km 27.566 E ± 8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.74 199 iPg 03 20.00 0.0
iSg 03 32.00
DST 0.97 58 iPn 03 24.00 0.0
EZN 1.21 308 iPn 03 28.00 0.0
EDC 1.27 10 iPn 03 29.10 0.0
KGT 1.37 352 ePn 03 30.60 0.0
S.D. = 0.0 on 5 of 5 obs.

% APR 08, 1985 10h 04m 18.24± 0.87s
39.114 N ± 7.1km 27.592 E ± 8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0 76 200 iPg 04 33.00 -0.1
iSg 04 45.00
DST 0.94 58 ePn 04 36 40 0.2
EZN 1 21 306 iPn 04 41.00 0.2
EDC 1.25 10 iPn 04 41.10 -0.3
KGT 1.35 351 ePn 04 43.10 0.0
S.D. = 0.3 on 5 of 5 obs.

APR 08, 1985 10h 15m 02.23± 0.31s
26.932 S ± 7.6km 177.470 W ± 6.3km
DEPTH = 108.8km (14 depth phases)
4.9mb (12 obs.)
SOUTH OF FIJI ISLANDS (171)

SVA 9.54 336 ePc 17 19.80 1.6
VUN 9.64 336 ePd 17 20.00 0.4
NDF 10.27 332 eP 17 29.00 1.1
NUE 10.45 43 P 17 25.50 -4.9X
S 19 07.00
CRZ 11.30 226 P 17 52.00 10.4X
GNZ 12.28 197 e(P) 17 45.00 -9.4X
S 20 00.00
KRP 12.45 207 eP 18 10.00 13.4X
AFI 14.01 23 P 18 08.00 -9.1X
S 20 30.00

NOU 15.33 284 iPc 18 38.30 4.5X
WEL 15.68 202 e(P) 18 37.60 -0.6
eS 21 15.00
TCW 15.79 203 P 18 29.50 -10.0X
S 21 18.30
PVC 16.01 302 iPd 18 46.50 4.1X
HNR 27.54 305 eP 20 39.00 -1.7
CAN 29.79 245 eP 21 05.90 5.1X
WAM 30.00 244 eP 21 05.10 2.6
YOU 30.19 248 eP 21 06.80 2.5
CTA 33.87 274 iPc 21 38.00 1.5
0.9s 10.50nm 4.6mb
CTAO 33.87 274 eP 21 38.20 1.7
0.4s 10.59nm 5.0mb
ADE 38.18 247 eP 22 13.20 0.4
ASPA 43.88 263 eP 22 59.00 -0.6
e 23 26.00 117km
eS 29 22.00
WB2 44.54 268 iPd 23 03.70 -1.3
i 23 30.80 118km
WRA 44.55 268 Pd 23 03.60 -1.5
0.6s 13.60nm 4.9mb
WBN 49.71 258 eP 23 44.00 -1.3
0.4s 6.00nm 4.9mb
KNA 50.97 271 eP 23 54.00 -1.0
SBA 51.52 184 eP 24 01.50 3.2X
AAI 56.75 284 e(P) 24 35.30 -2.0
MBL 57.05 261 eP 24 37.50 -1.8
NAU 60.41 258 eP 25 02.00 -0.5
SPA 63.22 180 e(P) 25 22.00 1.0
BAG 73.95 298 eP 26 25.50 -2.4
OYM 74.28 324 eP 26 27.10 -2.2
SRY 74.41 325 eP 26 28.50 -1.5
TSK 74.45 326 eP 26 32.20 2.0
DDR 74.76 325 eP 26 31.10 -0.9
MAT 75.68 324 iPd 26 36.80 -0.4
1.1s 54.43nm 5.3mb
KGM 81.30 277 ePc 27 08.00 -0.2
SSE 82.20 311 eP 27 12.00 -0.4
MWC 82.86 46 eP 27 15.00 -1.1
PLM 83.10 47 eP 27 18.00 0.7
e 27 45.00 103km
SBB 83.31 46 eP 27 18.00 -0.2
e 27 46.00 107km
FRI 83.60 43 eP 27 19.80 0.3
SDW 83.74 46 P 27 19.50 -1.0
pP 27 50.00 118km
JAS1 83.78 42 eP 27 20.80 0.3
i 27 51.00 117km
TPC 84.09 47 eP 27 23.00 0.8
VPEM 84.11 45 P 27 23.00 0.7
pP 27 50.00 103km
CLC 84.16 45 eP 27 23.00 0.5
e 27 50.00 103km
ORV 84.23 40 eP 27 22.90 0.2
GLA 84.26 49 eP 27 24.00 1.0
e 27 52.00 107km
WDC 84.33 39 eP 27 23.50 0.4
GSC 84.34 46 eP 27 23.00 -0.4
e 27 52.00 111km
NJ2 84.36 310 Pc 27 24.00 0.6
MIN 84.70 39 eP 27 24.90 -0.3
MNA 85.47 43 eP 27 29.80 0.7
MDJ 86.05 325 eP 27 31.20 -0.4
WHN 86.65 307 P 27 35.50 0.7
BMN 87.30 42 P 27 37.50 -0.4
1.0s 6.25nm 4.6mb
SNY 87.43 320 eP 27 37.90 -0.4
EUR 87.46 43 iP 27 38.80 0.0
1.0s 4.42nm 4.4mb
pP 28 07.00 107km
CN2 87.67 323 Pc 27 38.00 -1.4
pP 28 10.00 123kmX
TIA 87.96 313 eP 27 41.50 0.5
BFW 88.01 34 P 27 41.00 -0.1
LTX 90.12 57 eP 27 52.60 1.1
1.5s 12.57nm 4.8mb
pP 28 20.00 103km
GYA 90.24 300 eP 27 53.60 1.5
BJI 90.79 315 eP 27 55.00 0.9
ALO 91.04 51 eP 27 55.80 0.1
1.1s 11.08nm 5.0mb
epP 28 24.00 106km
PMR 91.14 13 P 27 54.00 -1.3
TTA 91.17 10 P 27 55.00 -0.5
1.2s 22.73nm 5.3mb
TIY 91.91 312 eP 28 00.20 0.7

XAN 92.40 307 eP 28 01.70 -0.1
KMI 92.68 297 Pc 28 05.00 1.5
CHTO 92.86 290 iPc 28 06.00 1.9
1.0s 14.50nm 5.2mb
BDW 93.30 43 eP 28 05.90 -0.1
1.0s 3.80nm 4.7mb
pP 28 33.50 103km
HHC 94.17 314 eP 28 11.50 1.7
COL 94.39 12 eP 28 08.90 -1 3
CD2 94.64 302 eP 28 13.90 1 7
QUE 124.00 290 ePKP 33 49.80 0 0
e 36 15.70
e 39 44.80
KJF 139.34 343 ePKP 34 12.00 -5.5X
e 34 18.00
SUF 140.96 343 ePKP 34 12.00 -8 5X
0.4s 2.40nm
NUR 143.20 342 ePKP 34 20.00 -4 4X
Z 22s 0.30um 5.0Msz
LR 06 20.00
MSL 144.38 296 ePKP 34 25.50 -1.7
NB2 145.39 353 PKP 34 26.90 -1.3
1.2s 132.30nm
UPP 145.48 347 iPKP 34 26.80 -1.5
HFS 145.93 350 ePKP 34 27.80 -1.3
0.7s 20.60nm
BER 146.50 357 ePKP 34 31.00 1.0
KONO 146.93 353 ePKP 34 32.00 1.3
ELO 150.14 7 iPKPc 34 40.70 4.8X
EAB 150.35 8 ePKPc 34 41.00 4.9X
EBH 150.38 7 iPKPc 34 41.20 5.0X
HRI 150.66 291 ePKP 34 44.00 6.5X
EDI 150.74 7 ePKP 34 41.80 5.1X
EAU 150.79 7 ePKPc 34 42.30 5.5X
ESY 150.80 6 ePKPc 34 42.50 5.7X
JER 151.18 287 ePKP 34 43.50 5.2X
PRNI 151.36 285 PKP 34 45.50 7.0X
BNG 152.90 217 iPKPc 34 42.60 1.4
1.4s 34.90nm
KRA 153.32 335 ePKPc 34 48.10 7 5X
1.3s 64.00nm
e 34 59.60
KSP 153.92 340 iPKPc 34 49.90 8.4X
ec 35 03.00
CLL 154.39 345 ePKP 34 41.00 -1.1
i 34 50.30
i 35 04.30
BRG 154.56 343 iPKP 34 42.00 -0.3
1.2s 13.00nm
i 34 51.00
i 35 05.40
KHC 156.24 342 PKP 34 44.60 -0 1
Z 19s 1.60um 5.9Msz
E 19s 0.60um
i 35 13.40
e 35 44.40
S.D. = 1.2 on 76 of 100 obs.

APR 08, 1985 10h 17m 04.63± 0.88s
11.310 N ± 8.9km 86.774 W ± 6.4km
DEPTH = 54.6 ± 10.0 km
4.5mb (8 obs.)
NEAR COAST OF NICARAGUA (74)

SJS 3.00 117 ePd 17 49.90 -[illegible]
UPA 7.49 107 eP 18 55.00 [illegible]
PBJ 9.81 302 iP 19 22.00 -3 8X
OXX 11.22 302 ePd 19 44.40 -0 8
VHO 11.30 303 iP 19 44.00 -2.3
PIO 12.13 296 eP 19 56.00 -1.1
GIE 12.47 197 P 19 54.40 -7.2X
S 22 30.00
PSO 13.75 136 eP 20 18.50 -0.4
ACX 13.84 295 ePd 20 20.00 0.2
TPM 14.10 304 iP 20 23.00 -0.3
III 14.13 301 eP 20 24.00 0.2
FUQ 14 14 113 eP 20 29.00 5.0X
IIP 14.17 306 eP 20 24.00 -0.4
TLX 14.18 309 ePd 20 24.50 0.0
BOG 14.23 117 eP 20 32.00 6.9X
TAC 14.42 305 eP 20 35.00 7.4X
IIC 14.67 306 eP 20 32.00 1 1
OXM 14.77 304 iP 20 34.00 1.8
CRX 14.81 304 eP 20 34.30 1 5
SDV 16.07 97 eP 20 49.90 1 [illegible]
TOV 16.76 94 eP 21 01.20 3.8X
LCG 17.36 306 iP 20 44.50 -20 5X

08d 10h

HKT	20.37	337	eP	21 40.50	1.2
SJG	21.05	69	e(P)	21 48.00	1.6
JCT	22.59	330	eP	22 02.00	0.4
	1.1s	22.15nm		4.5mb	
PRM	23.02	9	P	22 08.40	2.6X
LTX	23.87	321	iP	22 15.00	0.8
	1.0s	10.00nm		4.3mb	
BHO	24.12	343	eP	22 16.90	0.5
POW	25.05	352	P	22 24.00	-1.3
GFM	25.10	10	P	22 27.00	1.0
TUL	25.82	343	eP	22 32.00	-0.5
	1.1s	61.30nm		5.0mb	
OCO	25.99	340	e(P)	22 33.50	-0.6
BLA	26.42	11	eP	22 39.70	1.7
ALQ	29.56	326	eP	23 06.50	-0.3
	0.9s	4.83nm		4.2mb	
LPB	33.26	146	eP	23 38.00	-1.6
	Z 17s	2.04um		4.9MszX	
		LR		34 28.00	
CCM	35.05	144	eP	23 58.00	3.2X
TPC	35.05	315	eP	23 56.00	1.6
PLM	35.22	313	eP	23 58.00	2.0
OTT	35.26	14	eP	23 57.00	1.1
MNT	35.88	16	iPd	24 02.00	0.8
SDW	36.03	315	P	24 03.50	0.7
DAU	36.16	328	P	24 04.00	0.0
MWC	36.52	314	eP	24 13.00	6.0X
SBB	36.60	315	eP	24 08.00	0.5
LHC	37.05	357	eP	24 09.00	-2.0
CLC	37.05	316	eP	24 10.00	-1.3
BDW	37.10	332	P	24 10.00	-1.8
	0.8s	4.56nm		4.5mb	
VPEM	37.27	316	P	24 14.70	1.5
YJA	39.27	148	ePc	24 30.00	-0.5
BMN	39.53	323	P	24 32.50	0.4
	0.8s	5.15nm		4.4mb	
FFC	44.95	348	eP	25 15.00	-0.9
	0.8s	6.00nm		4.5mb	
SCH	46.18	16	eP	25 24.00	-1.6
PNT	46.64	331	eP	25 29.00	-0.3
	0.7s	5.00nm		4.6mb	
EDM	46.91	338	ePd	25 30.30	-1.2
FRB	53 92	10	eP	26 22.00	-2.5
YKC	54 83	345	eP	26 30.00	-1.3
YKA	54.88	345	eP	26 30.40	-1.2
MBC	67.23	352	eP	27 54.00	-0.9
COL	67.73	336	eP	27 58.00	-0.3
WB2	139.56	253	ePKP	36 29.00	0.2
WRA	139.57	253	PKP	36 30.00	1.2
	0.7s	1.10nm			
CHTO	149.54	349	ePKP	36 47.60	2.0
	1.0s	5.75nm			

S.D. = 1.2 on 52 of 62 obs.

? APR 08, 1985 12h 45m 26.94± 4.40s
31.307 S ±33.8km 68.242 W ±27.9km
DEPTH = 111.4 ± 39.1 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.20	263	iPd	45 42.70	-0.3
CFA	0.30	180	iPd	45 43.50	0.1
			S	45 55.00	
RTCB	0.51	249	iPd	45 44.60	0.2
			S	45 57.20	
TCA	3.12	92	iPd	46 15.50	0.0
			S	46 50.50	
RFA	3.46	183	ePd	46 19.90	-0.1

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

APR 08, 1985 13h 04m 12.00± 8.89s
44.344 N ±30.8km 59.544 W ±68.4km
DEPTH = 10.0km (geophysicist)
NEWARD ISLANDS (95)

MVM	1.33	279	iPc	04 36.53	0.0
			S	04 46.80	
SLW	1.39	257	eP	04 37.40	0.0
			S	04 49.10	
CRM	1.39	287	iPc	04 37.59	0.2
			S	04 49.00	
BIM	1.49	277	eP	04 38.88	0.0
			S	04 51.20	
FDF	1.60	284	iPd	04 40.20	-0.3
			S	04 53.10	

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

& APR 08, 1985 13h 20m 24.90s
34.050 N 118.920 W
DEPTH = 13.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.0 (PAS). Felt at Thousand Oaks.

MWC	0.74	76	iPc	20 38.40	-0.8
CIS	0.77	146	iPc	20 39.10	-0.6
SYP	1.00	299	iPc	20 42.40	-1.2
SBB	1.11	55	eP	20 44.40	-1.1
BLP	1.33	293	P	20 46.90	-2.2
SDW	1.63	69	P	20 52.90	-0.5
WKTM	1.78	13	P	20 55.00	-0.7
VPEM	2.10	25	P	20 58.90	-1.4
JAS1	4.06	343	P	21 25.00	-2.9

9 obs. associated

? APR 08, 1985 14h 44m 28.29± 6.29s
56.652 N ±74.8km 3.054 E ±52.0km
DEPTH = 10.0km (geophysicist)
NORTH SEA (534)
ML 2.8 (ELO), DUR 2.2 (BER).

KMY	2.82	24	iPn	45 15.00	0.8
			eSn	45 48.00	
EBH	3.66	266	iPnc	45 26.20	0.0
ELO	3.75	270	ePnc	45 27.80	0.4
			eSn	46 09.60	
ODD	3.82	28	iPn	45 28.00	-0.4
			eSn	46 12.00	
ASK	4.00	15	ePn	45 30.50	-0.4
			eSn	46 14.80	
EAB	4.13	267	ePn	45 32.40	-0.4
			eSn	46 17.60	

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

APR 08, 1985 15h 12m 57.40± 0.31s
8.011 S ± 6.0km 74.319 W ± 8.2km
DEPTH = 155.6km (2 depth phases)
4.8mb (5 obs.)
PERU-BRAZIL BORDER REGION (112)

NNA	4.67	212	iP	14 06.70	-0.7
	0.8s	58.21nm			
			eS	14 57.00	
LPB	10.42	145	iPc	15 24.50	0.1
	0.9s	100.84nm		5.4mb	
			i(S)	18 08.00	
			LR	19 08.00	
CCH	12.26	140	eP	15 48.00	-0.2
YJA	16.44	150	ePc	16 41.20	0.2
SLA	18.64	154	eP	17 07.20	1.2
BAO	26.84	109	e(P)	18 25.00	-0.5
VAO	30.19	123	e(P)	18 59.00	3.6X
ITR	35.51	94	eP	19 41.10	-0.2
			e	19 43.20	7kmX
BHO	46.44	336	eP	21 10.70	0.4
	0.7s	1.70nm		3.8mb	
TUL	48.14	336	ePc	21 23.80	0.3
	0.8s	11.20nm		4.6mb	
LRM	63.53	331	eP	23 13.20	-0.3
NEW	67.51	331	P	23 38.00	-0.6
EDM	69.39	336	iPd	23 49.50	-0.6
PNT	69.44	330	eP	23 51.00	0.5
	0.7s	10.00nm		4.7mb	
KIC	70.84	80	iP	23 59.00	-0.6
YKC	76.76	342	eP	24 32.00	-0.8
YKA	76.81	342	eP	24 33.20	0.1
MBC	88.10	350	eP	25 32.00	1.1
	0.9s	12.00nm		4.9mb	
			pP	26 11.00	154km
COL	90.29	336	eP	25 42.00	0.6
			pP	26 22.00	158km
WB2	140 40	225	ePKP	32 04.00	-6.6X
			i	32 10.30	
WRA	140 41	225	PKPc	32 10 70	0.1
	0 4s	1.40nm			
MTN	147.31	231	ePKP	32 25.00	2.6X
	0.9s	50.00nm			
			e	33 07.00	
GBA	151.72	76	PKPd	32 36.60	7.5X
	1.1s	35.60nm			
HYB	151.97	68	ePKP	32 39.00	9.5X
KKN	152.45	42	PKP	32 38.20	8.0X
	0.6s	5.00nm			
PKI	152.68	42	PKP	32 38.30	7.6X

S.D. = 0.6 on 19 of 26 obs.

? APR 08, 1985 16h 07m 53.42± 5.41s
15.844 N ±53.6km 98.014 W ±23.2km
DEPTH = 33.0km (normal)
OFF COAST OF GUERRERO, MEXICO (65)

VHO	1.85	41	iP	08 23.00	-0.6
			iS	08 46.00	
PBJ	2.57	76	iP	08 34.00	0.3
			i	09 08.00	
III	2.88	331	iP	08 36.50	-1.7
			iS	09 16.50	
TPM	3.28	342	iP	08 45.00	1.2
			iS	09 21.50	
IIP	3.59	346	eP	08 55.00	6.6X
			iS	09 40.00	
TAC	3.72	343	eP	08 57.00	6.9X
			iS	09 40.00	
OXM	3.79	335	eP	08 52.00	0.8
			iS	09 40.00	
IIC	4.08	343	eP	09 03.00	7.6X
			iS	09 56.00	

S.D. = 1.6 on 5 of 8 obs.

APR 08, 1985 16h 17m 12.85± 0.55s
5.717 S ± 3.3km 154.062 E ± 3.3km
DEPTH = 47.7 ± 5.1 km
5.4mb (30 obs.) 5.6Msz (7 obs.)
SOLOMON ISLANDS (193)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 28C
Centroid Location:
Origin Time 16:17:18.2 0.2
Lat 5.81S 0.03 Lon 153.80E 0.03
Dep 45.6 2.4 Half-duration 3.5
Moment Tensor; Scale 10**24 D-CM
Mrr= 8.18 0.17 Mtt=-4.09 0.32
Mff=-4.09 0.31 Mrt= 0.50 0.37
Mrf=-0 61 0.40 Mtf= 4.99 0.20
Principal Axes:

T	Val= 8.22	Plg=87	Azm= 58
N	0.89	1	315
P	-9.11	3	225

Best Double Couple:Mo=8.7*10**24
NP1:Strike=314 Dip=42 Slip= 89
NP2: 136 48 91

PAA	1.54	112	iPd	17 37.20	-1.1
			eS	17 52.00	
RAB	2.42	309	eP-	17 54.20	3.4X
VSG	6.61	122	eP	18 53.00	3.0X
			eS	20 14.00	
SVO	6.65	121	eP	18 53.00	2.5
			eS	20 11.00	
LMG	6.67	241	eP	18 48.50	-2.4
HNR	6.90	123	ePc	18 56.00	2.0
	1.0s	120.00nm		5.6mb	
			eS	19 16.00	
LAT	7.08	262	eP	18 57.00	0.4
MOM	7.58	299	eP	19 09.00	5.5X
PMG	7.77	241	iPd	19 05.50	-0.6
MDG	8.26	273	eP	19 14.00	1.1
CTA	16.18	207	iPd-	20 59.00	0.4
	2.0s	514.71nm		5.3mb	
			iS	24 04.00	
CTAO	16.18	207	eP	20 59.10	0.5
	1.5s	150.54nm		4.9mb	
PVC	18.35	132	iPc	21 24.50	-1.1
NOU	20.38	145	iPc	21 46.90	-1.5
ISO	20.51	222	eP	21 50.00	0.3
GUA	21.18	335	eP	21 56.50	0.0
	0.8s	435.82nm		5.9mb	
GUMO	21.24	335	eP	21 56.00	-1.2
			eS	25 52.50	
PJG	21.24	335	eP	21 56.70	-0 5
RMO	21.27	193	eP	21 57.00	-0.4
WB2	23.82	232	eP	22 22.30	-0.2
			i	26 13.50	
WRA	23.82	232	Pc	22 23.20	0.6
	1.3s	119.50nm		5.2mb	
COO	24.81	184	eP	22 33.00	0.9
	0.8s	88.00nm		5.3mb	
AAI	25.86	273	ePc	22 41.20	-0.8
	0.8s	100.10nm		5 4mb	
ASPA	26.37	225	eP	22 46.00	-0.6
			e	26 11.00	
KNA	26.74	246	eP	22 50.00	-0.1

CMS	26.77	196	eP	22	49.00	-1.2				sP	26	55.00		SBB	91.66	55	eP	30	18.00	1.3
STK	28.53	203	eP	23	06.00	-0.1	SNG	54.84	283	eP	26	41.00	-0.1	CLC	91.96	54	eP	30	20.00	2.0
			e	26	16.00					eS	34	21.00		PLM	92.33	57	eP	30	20.00	0.0
YOU	28.90	190	eP	23	08.60	-0.9	SNY	54.89	332	iPc	26	39.00	-1.9	GSC	92.56	55	eP	30	21.00	0.2
			e	26	17.20					S	34	16.00		BMN	92.69	50	P	30	20.00	-1.4
CAN	29.83	188	iPc	23	17.30	-0.5				SS	37	57.00			1.0s		8.75nm			5.1mb
			e	26	18.80		CN2	55.65	335	Pc	26	44.40	-2.0	TPC	93.07	56	eP	30	25.00	1.8
MNI	30.04	283	ePc	23	24.70	4.8X				S	34	30.00		NEW	93.43	42	eP	30	25.00	0.5
WAM	30.70	188	eP	23	25.40	0.0	GYA	55.95	307	Pc	26	50.00	1.0	EUR	93.57	51	iP	30	26.00	0.4
			e	26	23.20					S	34	36.00			0.2s		10.61nm			5.9mb
DAV	31.14	294	eP+	23	30.00	0.4	TSI	56.18	278	ePd	26	50.90	0.2	GLA	94.01	57	eP	30	28.00	0.5
			eS	28	32.00		LOE	56.55	295	eP	26	53.00	-0.3	MBC	94.70	14	eP	30	28.00	-1.7
ADE	32.38	204	iPc	23	40.20	0.0	BJI	57.35	326	eP	26	58.00	-0.6	YKA	95.65	28	eP	30	35.10	0.8
TOO	32.66	193	eP	23	42.00	-0.6		E 20s		1.10um				EDM	96.09	37	eP	30	39.00	2.4
			eS	28	58.00					eS	34	55.00		MHI	97.03	306	iPc	30	41.00	-0.3
WBN	33.19	229	iPd	23	47.20	-0.2	NST	57.46	293	eP	27	00.80	1.0				e	34	39.00	
	0.5s		16.00nm			5.1mb	PMO	57.69	104	iP	27	01.50	0.1				eS	43	28.00	
PLP	33.45	300	eP	23	50.00	0.3		1.2s		100.00nm			5.8mb	BDW	98.52	48	P	30	46.00	-2.1
TAU	37.52	188	iPc	24	24.80	0.9	TPT	57.96	104	iP	27	03.20	0.0		1.0s		3.00nm			4.8mb
			eS	30	30.00			1.2s		55.00nm			5.5mb	ALQ	101.02	56	e(Pdif	31	00.00	0.5
GNZ	39.32	150	P	24	38.90	-0.2	VAH	57.96	104	iP	27	03.10	-0.2		Z 22s		2.31um			5.6Msz
			eS	30	36.00			1.2s		40.00nm			5.4mb	GOL	101.76	51	Pdiff	30	50.00	-12.8X
CVP	39.43	307	ePd	24	40.60	0.4	TIY	58.02	322	Pc	27	03.00	-0.4		Z 20s		2.50um			5.7Msz
KLG	39.48	227	eP	24	40.00	-0.6				PP	29	08.00		KJF	110.31	338	ePKP	35	41.00	0.1
KKM	39.55	287	ePc	24	50.60	9.2X				S	34	59.00		SUF	111.69	337	ePKP	35	45.00	1.5
TCW	39.69	156	P	24	41.80	-0.4	XAN	58.15	316	iPc	27	04.40	0.0	NUR	113.49	335	iPKP	35	49.20	2.1X
MEK	39.72	234	iPd	24	42.30	-0.3				S	35	00.00			Z 25s		1.00um			5.3MszX
	0.5s		16.00nm			5.1mb				sS	35	21.50					e	36	36.00	
BAG	39.75	304	iPc+	24	42.90	-0.3	RUV	58.20	104	iP	27	04.90	0.0				LR	2?	40.00	
	1.3s		615.38nm			6.3mb		1.2s		50.00nm			5.5mb	APO	117.62	339	ePKP	35	55.70	0 7
			eS	30	44.00		KMI	58.54	304	Pc	27	08.50	1.0		0.4s		6.10nm			
WEL	39.96	155	P	24	43.50	-0.8		4.0s		1 10nm			3.3mb X	NB2	118.19	341	PKP	35	58.10	2.0X
			PP	26	37.00			E 26s		0.65um					0.6s		0.90nm			
			e	30	48.00					sP	27	26.00		MTD	118.91	247	iPKPd	35	58.00	-0.9
			S	31	12.00					eS	35	03.00		BUL	120.56	243	iPKPd	36	01.00	-1.0
MSZ	40.65	165	P	24	51.00	1.0	CHTO	59.51	296	iPc	27	14.50	0.5	BRG	124.08	331	iPKP	36	10.50	2.8X
NAU	40.79	242	eP	24	52.00	0.6		1.0s		38.75nm			5.5mb				i	36	21.50	
KLB	42.61	228	eP	25	05.00	-1.3	CD2	60.28	310	iPc	27	20.10	0.9				e	38	32.60	
MRWA	42.87	232	iPd	25	08.00	-0.4				S	35	32.00					e	39	46.00	
	0.5s		10.00nm			4.8mb	HHC	60.52	324	P	27	20.60	-0.1	CLL	124.25	331	ePKP	36	10.00	2.0X
OYM	43.23	342	eP	25	09.40	-1.8	BTO	61.28	323	iPc	27	25.00	-0.9				e	36	37.00	
SRY	43.39	342	eP	25	09.60	-2.9X				S	35	38.00		PRU	124.34	330	ePKP	36	10.50	2.3X
TSK	43.71	344	eP	25	16.00	0.9	LZH	62.76	316	iPc	27	36.50	0.6		Z 23s		1.70um			5.6MszX
DDR	43.78	342	eP	25	16.90	1.2		5.0s		1530.00nm			6.4mb X		N 23s		1.00um			
MUN	43.96	229	eP	25	17.00	-0.2		E 17s		1.40um					E 23s		1.00um			
TATO	43.99	315	e(P)	25	18.00	0.6				eS	36	01.50		SKO	124.64	318	e(PKP)	36	16.50	7.5X
ANP	44.10	316	eP	25	19.00	0.5	GTA	67.18	317	iPc	28	05.40	1.0		E 22s		1.07um			
RKG	44.40	226	eP	25	23.00	2.2				S	36	55.00					e(S)	47	47.00	
MAT	44.58	342	(P)	25	20.00	-2.2	LSA	69.79	304	iPc	28	22.10	0.9	KHC	125.37	329	ePKP	36	03.50	-6.8X
	0.8s		14.18nm			4.8mb				S	37	29.00			Z 22s		1.20um			5.5Msz
	Z 21s		2.15um			5.0Msz	SBA	72.40	177	iPc	28	31.40	-4.1X		N 22s		0.70um			
			eS	31	43.00		PKI	73.98	301	iPc	28	46.10	0.1		E 22s		0.60um			
QZH	46.04	313	iPc	25	35.00	1.2		1.1s		83.00nm			5.6mb				e	36	13.50	
			S	32	17.00		KKN	74.15	301	iPc	28	47.30	0.4				e	36	25.60	
HKC	47.95	307	eP	25	51.00	2.0	KDC	76.45	26	P	28	58.00	-1.0	GRF	126.18	331	ePKP	36	12.20	0 4
			esP	26	05.00		SVW	77.17	23	eP	29	03.70	0.6		Z 19s		0.80um			5.4Msz
			eS	32	47.00		WMQ	77.26	317	iPc	29	04.60	0.6				e	38	11.90	
SSE	48.23	321	P+	25	51.00	0.0				S	38	52.00		KBA	126.77	327	ePKP	36	14.00	0 7
	Z 26s		3.90um			5.3MszX				sS	39	15.00			1.0s		7.00nm			
	N 25s		2.00um				HYB	77.98	289	ePc	29	07.90	-0.4				i	36	21.40	
	E 26s		3.40um				TTA	78.16	21	eP	29	08.90	0.3	BSF	129.58	332	ePKP	36	23.20	4 7X
			PP	27	41.00		GBA	78.42	285	P	29	10.80	0.0		1.0s		11.10nm			
			eS	32	47.00		PMR	80.00	24	e(P)	29	19.00	0.6	HAU	129.66	332	ePKP	36	22.20	3.7X
			sS	33	07.00			Z 20s		3.50um			5.7Msz		1.0s		8.00nm			
			ScS	35	40.00		PME	80.06	24	eP	29	19.00	0.2	SSF	131.66	333	ePKP	36	26.50	4.2X
			SS	36	44.00			0.7s		15.70nm			5.1mb	AVF	131.93	333	ePKP	36	28.10	5 3X
GZH	49.01	307	Pc	25	59.20	2.1	IMA	80.90	19	eP	29	22.70	-0.7	BGF	132.33	333	ePKP	36	27.60	4.0X
			S	33	02.00			0.8s		11.10nm			4.9mb		1.0s		8.40nm			
OIZ	50.01	301	Pc	26	06.50	1.6	NDI	81.27	300	iP	29	25.00	-0.9	YJA	132.37	127	ePKPd	36	25.00	0.0
			S	33	17.00		TOA	81.47	24	eP	29	26.60	0.3	LPF	132.78	337	ePKP	36	27.30	2.9X
NJ2	50.34	321	iPc	26	07.50	0.3	COL	82.27	21	eP	29	28.00	-2.3	BNG	135.68	270	ePKPd	36	14.10	-16.9X
			iS	33	17.00			0.8s		28.73nm			5.4mb		1.0s		7.90nm			
KGM	51.25	277	ePc	26	14.70	0.2		Z 21s		3.58um			5.7Msz	EBR	137.79	330	ePKP	36	15.00	-19.1X
			e	26	41.20		FBA	82.27	21	eP	29	28.80	-1.5	VAD	144.83	145	iPKP	36	44.70	-2.5X
WHN	52.38	316	iPc	26	23.50	0.8		0.7s		12.90nm			5.1mb	RDJ	146.92	150	ePKP	36	51.20	0 7
			PcP	27	31.00		POO	82.57	289	iPc	29	33.50	0.7	AVE	147.60	330	ePKP	36	57.00	5.7X
			S	33	42.00			0.9s		67.23nm			5.7mb				i	37	14.00	
DL2	53.60	329	Pc	26	30.00	-1.5				eS	40	12.00		TIO	149.40	327	iPKP	36	58.50	4.1X
PPI	53.82	274	eP	26	33.00	-0.5	SPA	84.32	180	iPc	29	41.40	0.4	BAO	149.55	134	e(PKP)	35	59.00	4.0X
	0.9s		242.00nm			6.2mb		1.0s		90 00nm			5.8mb	KIC	158.91	273	ePKP	37	17.80	10 2X
IPM	53.94	280	ePc	26	33.80	-0.6	KSH	84.46	310	iPc	29	45.00	2.8X				i	37	44.30	
	0 8s		24.50nm			5.3mb				S	40	12.00			S.D. = 1.0 on 131 of 161 obs					
			e	27	40.00		COR	88.74	45	eP	30	00.00	-2.8							
			e	28	43.10		SYP	89.88	55	eP	30	19.00	10.4X	%	APR 08, 1985 18h 21m 34.38± 0.81s					
TIA	54.19	323	P	26	35.10	-0.8	QUE	90 35	300	iPc+	30	11.00	0.1		39.928 N ± 6.5km 27.496 E ± 5 7km					
			eS	34	07.00			0 9s		56.30nm			5.9mb		DEPTH = 10.0km (geophysicist)					
MDJ	54.72	339	eP	26	38.20	-1.5	MWC	91 43	56	eP	30	15.00	-0.8		TURKEY					(366)

08d 18h

TTK 0.45 111 iPg 21 43.60 0.0
iSg 21 50.10
EDC 0.50 34 iPg 21 44.10 -0.5
iSg 21 54.10
BNT 0.54 37 iPg 21 45.50 0.3
KGT 0.54 344 iPg 21 45.60 0.2
iSg 21 54.30
EZN 0.91 264 iPg 21 51.60 -0.1
iSg 22 03.10
DST 0.93 110 iPg 21 52.30 0.1
iSg 22 05.30
S.D. = 0.4 on 6 of 6 obs.

APR 08, 1985 19h 15m 06.33± 0.82s
4.124 S ± 3.1km 136.268 E ± 3.4km
DEPTH = 13.8 ± 5.0 km
5.7mb (33 obs.) 5.9Msz (17 obs.)
WEST IRIAN REGION (196)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 23C
Centroid Location:
Origin Time 19:15:14.2 0.4
Lat 3.89S 0.04 Lon 136.40E 0.05
Dep 18 3 3.9 Half-duration 3.5
Moment Tensor; Scale 10**24 D-CM
Mrr= 4.97 0.30 Mtt= 2.68 0.45
Mff=-7.65 0.54 Mrt=-1.34 0.86
Mrf=-4.04 1.23 Mtf= 7.53 0.29
Principal Axes:
T Val= 9.16 Plg=39 Azm=146
N 2.99 49 346
P -12.15 10 244
Best Double Couple:Mo=1.1*10**25
NP1:Strike=293 Dip=55 Slip= 23
NP2: 189 71 143

AAI 8.07 273 ePc 17 05.00 -0.9
0.8s 175.20nm 6.3mb
MDG 9.55 97 eP 17 25.00 -1.4
MTN 10.04 210 eP 17 33.00 -0.3
eS 19 26.00
MOM 11.31 80 eP 17 50.00 -0.6
PMG 12.02 116 eP 17 58.00 -2.2
MNI 12.69 296 ePd 18 09.90 0.7
1.0s 1109.00nm 7.0mb X
LMG 12.72 113 eP 18 10.00 0.2
KNA 13.71 212 eP 18 21.00 -1.7
eS 20 54.00
KUPT 13.91 244 eP 18 24.50 -0.9
eS 21 06.80
DAV 15.42 316 eP+ 18 46 00 0.8
eS 21 40.00
WB2 15 84 187 iPd 18 45.10 -5.5X
i 18 51.30
iS 21 31.00
WRA 15.84 187 P 18 47.00 -3.6X
1 0s 31.80nm 4 4mb X
RAB 15.86 91 eP- 18 47.60 -3.3X
MKS 16.79 266 ePd 19 08 50 6.0X
1.2s 1565.80nm 6 0mb
ISO 16.80 169 eP 18 58.00 -4.9X
e 22 00.00
CGP 17.01 317 eP 19 08.50 3.0X
CTA 18.61 149 iPd+ 19 24.10 -1.4
1.4s 374.42nm 5.4mb
iS 22 56.00
CTAO 18.61 149 eP 19 23.80 -1.7
1.3s 544.16nm 5.6mb
PLP 18.89 324 iPd 19 28.30 -0.5
iS 19 54.00
PAA 19.27 97 eP 19 40.00 6.5X
GUA 19.53 26 eP 19 37.50 0.9
1 2s 512.50nm 5.7mb
eS 23 13.00
GUMO 19.56 26 eP 19 38.10 1.2
PJG 19.56 26 eP 19 37.50 0.6
ASPA 19.56 186 eP 19 35.00 -1.9
eS 23 02.00
KKM 22.43 297 ePc 20 07.00 0 6
1.1s 275.60nm 5 6mb
e 20 34.00
MBL 23.28 222 iPc 20 05.90 -8 7X
MBL 23.28 222 iPc 20 15.90 1.3
eS 24 37.00
TRT 23.77 260 iPd 20 19 40 0 0
1.2s 251.60nm 5.7mb

WBN 23.78 202 eP 20 20.00 0.5
VSG 23.83 104 P 20 20.00 0.0
SVO 23.91 103 eP 20 22.00 1.2
MAN 23.98 321 eP 20 22.00 0.6
eS 24 54.00
HNR 24.09 104 eP 20 23.00 0.5
1.0s 120.00nm 5.4mb
e(S) 24 42.00
RMQ 25.25 153 eP 20 33.00 -0.6
BAG 25.63 323 ePc+ 20 36.00 -1.5
eS 25 00.00
PIP 27.12 326 ePd 21 07.00 16.1X
NAU 27.20 226 eP 20 52.00 0.4
0.5s 32.00nm 5.3mb
MEK 28.06 215 eP 21 02.00 2.4
CMS 28.67 163 eP 21 06.00 1.1
COO 30.16 152 eP 21 22.00 3.6X
ADE 30.77 176 iPc 21 23.00 -0.7
0.9s 252.10nm 6.1mb
MRWA 31.50 215 eP 21 30.00 -0.1
0.4s 18.00nm 5.3mb
YOU 32.05 161 eP 21 33.80 -1.1
KLB 32.39 210 eP 21 38.00 0.1
CAN 33.20 161 eP 21 45.30 0.3
e 25 27.00
e 30 48.20
BFD 33.39 171 eP 21 45.00 -1.5
1.2s 280.00nm 6.1mb
e 22 38.00
KGM 33.49 280 eP 21 48.00 0.4
MUN 33.50 212 eP 21 50.00 2.5
eS 27 20.00
OZH 33 61 330 eP 21 47.00 -1.5
S 27 11.00
NWAO 33.73 210 eP 21 50.00 0.5
eS 27 20.00
WAM 33.97 162 eP 21 51.10 -0.4
HKC 34.01 321 eP 21 52.00 0.0
eS 27 16.00
PVC 34.17 116 iPc 21 55 00 1.5
TOO 34.34 167 eP 21 54 00 -0.8
eS 27 22.00
NOU 34.37 124 iPc 21 56.80 1.6
QIZ 34.73 312 eP 21 57.60 -0.7
pP 22 10.00 47kmX
PcP 24 29.00
S 27 27.50
RKG 34.77 209 eP 22 06.00 7.6X
GZH 35.10 321 Pc 22 03.00 1.6
pP 22 15.00 44kmX
S 27 30.00
PPI 36.02 275 eP 22 09.80 0.4
0.9s 90.80nm 5.7mb
IPM 36.25 283 ePd 22 14.60 3.3X
e 23 03.70
SNG 37.31 287 eP 22 21.00 0.8
SSE 37.86 339 Pd 22 42.20 17.6X
1.4s 187.00nm
Z 18s 15.10um 5.8Msz
E 15s 12.10um
pP 22 44.00 6kmX
PP 22 53.00
PPP 24 14.00
eS 28 14.00
SS 31 06.00
$SE 37.86 339 Pd 22 24.20 -0.4
1.4s 187.00nm 5.7mb
Z 18s 15.10um 5.8Msz
E 15s 12.10um
pP 22 34.00 33kmX
PP 23 53.00
PPP 24 14.00
eS 28 14.00
PSI 37.93 280 ePd 22 25.50 0.1
1.1s 129.00nm 5.6mb
TSI 38.43 281 ePd 22 35.50 5.9X
KYS 39.28 5 eP 22 41.90 5.5X
OYM 39.43 4 eP 22 38.70 1.0
NJ2 39 60 337 eP 22 39.00 -0.1
PPP 24 42.00
iS 28 45.00
SRY 39 62 4 eP 22 33.40 -5.9X
DDR 40 00 4 eP 22 41.90 -0.6
LOE 40 25 303 eP 22 43 00 -1.7
TSK 40.28 5 eP 22 42.90 -1.8
WHN 40.34 330 Pc 22 46.00 0.8
MAT 40.49 2 iPd 22 44.60 -1.8

1.0s 45.00nm 5.1mb
Z 20s 10.28um 5.7Msz
eS 29 03.00
NST 40.81 300 iPc 22 49.90 0.6
GYA 41.77 318 P 22 57.40 0.2
SEO 42.37 349 iP 23 02.00 0.2
Z 20s 8.51um 5.6Msz
CHTO 43.24 303 iPc 23 09.40 0.2
1.2s 137.15nm 5.6mb
eS 28 32.00
KMI 43.65 313 P+ 23 13.00 0.3
N 20s 8.00um
pP 23 27.00 53kmX
sP 23 39.00
PcP 25 20.00
eS 29 12.00
sS 29 40.00
TIA 43.94 338 eP 23 13.60 -1.0
PP 25 02.30
DL2 44.90 344 eP 23 23.00 0.7
XAN 45.90 328 iPc 23 30.00 -0.4
S 30 14.00
CD2 46.65 321 P 23 36.70 0.3
eS 30 18.50
TIY 47.15 334 eP 23 39.70 -0.6
PP 25 29.00
S 30 25.20
sS 30 45.50
SS 33 38.00
SNY 47.17 347 eP 23 39.10 -1.1
S 30 30.00
BJI 47.67 339 eP 23 44.00 -0.2
Z 20s 16.30um 6.0Msz
N 19s 13.70um
E 20s 6.10um
eS 30 40.00
eSS 34 06.00
CN2 48.69 350 Pd 23 50.00 -2.1
PcP 25 20.80
MDJ 48.89 354 eP 23 52.30 -1.3
PP 25 50.00
eS 30 46.00
MSZ 49.01 150 P 23 55.00 0.5
S 32 03.00
KRP 49.13 139 iP 23 59.00 3.4X
HHC 50.14 336 eP 24 03.80 0.3
LZH 50.20 326 Pc 24 04.50 0.5
1.5s 781.00nm 6.5mb
E 15s 3.00um
eS 31 06.50
SKS 31 36.00
TCW 50.22 143 P 24 02.50 -1.4
WEL 50.56 143 P 24 08.00 1.5
Z 18s 30.24um 6.4Msz
E 18s 16.49um
S 31 20.00
sS 32 20.00
SS 35 48.00
BTO 50.59 334 eP 24 07.00 0.2
GNZ 51.16 138 eP 24 12.80 1.7
SHL 52.18 307 iP 24 17.00 -2.3
iS 31 44.00
LSA 54.75 311 Pc 24 39.00 0.5
S 32 22.00
GTA 54.80 326 iPc 24 38.20 -0.2
S 32 19.50
VIS 56.57 294 iP 24 44.00 -7.2X
PKI 58.26 306 iPc 25 03.00 -0.5
0.6s 31.00nm 5.5mb
KKN 58.46 306 iPc 25 04.50 -0.2
DMN 58.52 306 iPc 25 05.30 0.1
HYB 60.83 292 ePd 25 20.00 -1.0
0.8s 34.60nm 5.5mb
e 25 58.50
GBA 60.97 288 Pc 25 19.50 -2.4
1.4s 122.50nm 5.8mb
DRV 62.48 178 eP 25 13.90 -17.3X
eS 34 00.00
eSSS 40 47.00
WMQ 64.63 323 Pc 25 45.50 -0.4
PP 28 12.50
S 34 30.00
DDI 65.26 306 eP 25 49.00 -1.2
eS 34 37 00
NDI 65.38 304 eP 25 49.00 -1.9
iS 34 37.00
POO 65.44 292 iPd 25 51.00 -0.5

			iS	34	36.00		SKO	111.09	313	ePKP	33	43	00	1.6	MNT	131.22	28	ePKP	34	23.00	3.2X
BOM	66.48	293	iP	25	57.00	-1.0		Z 21s		1.67um				5.6Msz	TIO	136.54	312	ePKP	34	28.00	-2.6X
			eS	34	52.00			E 22s		2.20um								i	34	38.00		
ADK	68.58	29	eP	26	12.10	1.4	ZST	112.23	321	e(PKP)	33	45	00	1.6	TCA	139.51	152	e(PKP)	34	29.00	-7.0X
KSH	70.27	314	P	26	23.00	1.5	PRU	113.15	323	ePKP	33	50	00	4.9X	KIC	141.12	275	ePKP	34	35.40	-3.9X
PPN	73.80	107	eP	26	42.00	-0.7		Z 21s		2.60um				5.8Msz	ANT	142.03	138	ePKP	34	30.50	-10.1X
	0.9s		45.00nm			5.5mb		N 21s		1.50um					NNA	143.39	116	ePKP	34	43.50	0.3
TBI	73.94	113	eP	26	50.00	6.6X		E 19s		1.10um						1.4s		58.14nm			
	0 9s		80.00nm			5.8mb				e	34	32.50			UPA	144.12	80	ePKP	34	43.30	-1.1
QUE	74.38	303	iPc	26	46.80	0.7	BRG	113.15	324	ePdiff	29	52.30		1.3	SLA	144.36	145	ePKPd	34	44.00	-0.8
			eS	36	24.00			2.2s		56.00nm					ARE	145.77	127	iPKP	34	48.50	0.9
SBA	75.41	174	eP	26	52.10	1.1		Z 20s		5.00um				6.1Msz	YJA	146.29	142	ePKPd	34	51.20	2.7X
SUN	78.58	31	eP	27	08.40	-0.5		N 20s		2.00um					PSO	146.32	94	ePKP	34	49.50	0.8
MAW	79.91	202	eP	27	18.00	2.0		E 20s		2.50um					LPB	148.35	131	PKP	34	56.00	4.2X
MHI	81.82	307	iPc	27	27.20	0.4				e	33	48.20				Z 22s		1.85um			5.8Msz
	0.9s		57.14nm			5.6mb				e	34	26.50						LR	19	42.00	
			e	30	34.00		CLL	113.52	325	ePKP	33	48.00		2.2X	CCH	149.24	135	PKP	34	57.70	4.6X
			eS	37	43.00		KHC	114.06	323	PKP	33	48.10		1.1		2.0s		5.00nm			
SVW	83.21	27	eP	27	34.70	1.3		Z 20s		1.60um				5.6Msz	BOG	149.75	88	ePKP	34	58.00	4.0X
KDC	83.59	31	eP	27	36.00	0.8		N 20s		1.40um					BMG	150.65	83	ePKP	34	58.00	2.9X
TTA	83.71	25	eP	27	35.70	-0.2		E 20s		1.10um					VAO	152.86	173	e(PKP)	35	02.00	4.0X
IMA	85.78	23	eP	27	46.60	0.2				e	34	46.30			VAO	152.86	173	ePKP	35	08.30	10.3X
	1.7s		324.10nm			6.2mb	ALO	114.60	53	ePdiff	29	57.00		-1.1	SDV	152.87	79	ePKP	34	54.00	-4.4X
SPA	85.90	180	eP	27	48.00	1.0		Z 22s		5.00um				6.1Msz	TOV	153.54	76	ePKP	34	50.50	-8.7X
	1.1s		53.57nm			5.6mb	LJU	114.63	319	e(PKP)	33	42.20		-5.9X	SJG	154.03	56	e(PKP)	35	01.00	1.3
	Z 22s		11.38um			6.2Msz				e	33	50.30			CAR	156.15	73	ePKP	35	16.00	13.2X
PME	86.39	27	eP	27	48.70	-0.5				e	34	40.30			BAO	159.92	168	PKP	35	10.00	2.9X
	1.9s		618.40nm			6.5mb	KBA	115.00	321	ePKP	33	51.50		2.5X	ITR	166.15	202	ePKP	35	15.40	2.4X
SHI	86.59	300	eP	27	51.00	-0.1		1.4s		15.60nm								e	35	20.30	
COL	87.78	24	eP	27	55.00	-0.9				i	33	54.80						e	36	17.10	
	1.9s		560.53nm			6.5mb				i	34	51.70			SOB1	166.46	192	ePKP	35	17.00	3.8X
FBA	87.78	24	eP	27	55.00	-0.9	GRF	115.23	324	ePKP	33	51.00		1.8X		S.D. = 1.1		on 139 of 226 obs.			
	2.0s		557.30nm			6.5mb		Z 22s		3.80um				6.0Msz							
TOA	87.82	27	eP	27	57.10	0.8	CTI	116.48	320	ePKP	33	54.00		2.2X		APR 08, 1985 21h 34m 35.98± 0.33s					
KER	91.61	304	eP	28	19.00	4.3X	MNS	117.18	316	ePKP	33	55.00		2.0X		4.109 S ± 4.5km 136.298 E ± 6.2km					
TAB	92.47	308	eP	28	19.00	0.4	GWF	117.66	324	ePKP	33	57.40		3.6X		DEPTH = 10.0km (geophysicist)					
BHD	93.81	303	eP	28	27.00	2.4	MEM	117.76	327	PKP	34	03.30		9.4X		4.8mb (7 obs.)					
			e	39	03.80		FRB	117.82	12	ePKP	33	56.00		2.4X		WEST IRIAN REGION					(196)
			e	39	40.00		BNG	117.91	273	ePKPd	33	53.50		-1.8							
MSL	94.93	306	eP	28	29.00	-0.8		1.0s		19.80nm											
MBC	97.39	14	eP	28	39.00	-1.2	LTX	118.11	59	ePKP	33	57.50		2.1X	AAI	8.10	273	eP	36	36.00	-0.4
KEV	100.46	340	ePdiff	28	58.00	4.0X		1.0s		1.80nm					PMG	11.99	117	eP	37	29.50	-0.5
	Z 20s		6.10um			6.1Msz	WLF	118.16	326	PKP	33	59.50		4.9X	KNA	13.74	212	eP	37	52.00	-1.2
			e	29	12.00		BSF	118.69	324	ePKP	33	58.20		2.3X				eS	40	21.00	
			eScS	39	44.00			1.0s		14.80nm					KUPT	13.95	244	eP	37	56.30	0.3
			ePS	42	08.00		DOU	118.80	327	PKP	33	58.90		3.0X	WRA	15.85	187	Pc	38	15.00	-6.0X
			LR	13	06.00		HAU	118.87	324	ePKP	33	58.40		2.3X		0.4s		1.60nm			3.5mb X
WDC	101.17	50	e(Pdif	29	00.50	2.5X	LOR	120.69	324	ePKP	34	02.00		2.4X	ISO	16.81	169	eP	38	34.00	0.9
SOD	101.28	338	iPdiff	28	59.00	1.2	FRF	120.76	319	ePKP	34	02.20		2.4X				eS	41	15.00	
KJF	101.72	335	iPdiff	29	02.90	3.1X		0.9s		16.00nm					CTA	18.61	149	iPd	38	55.90	0.3
	0.7s		17.40nm			5.8mb	LBF	120.77	324	ePKP	34	02.40		2.6X		1.0s		34.00nm			4.5mb
	Z 18s		7.90um			6.3Msz		1.0s		7.40nm					CTAO	18.61	149	eP	38	55.80	0.2
			eSKS	39	42.00		LRG	120.99	319	ePKP	34	02.90		2.6X		0.8s		8.28nm			4.0mb
			eS	40	44.00			1.1s		33.00nm					PLP	18.90	324	eP	38	58.50	-0 6
			eSS	47	56.00		SSF	121.01	324	ePKP	34	02.80		2.6X	ASPA	19.58	187	eP	39	06.00	-1.4
			LR	17	24.00			1.1s		19.50nm						0.7s		48.00nm			4.9mb
ORV	102.05	51	ePdiff	29	04.30	2.4X	SMF	121.02	324	ePKP	34	02.90		2.6X				eS	42	35.00	
YKA	102.42	27	ePdiff	29	03.00	0.1		1.3s		21.60nm					KKM	22.45	297	ePc	39	37.00	0.2
YKC	102.48	27	ePdiff	29	03.50	0.3	JCT	121.11	57	ePKP	34	01.00		0.0	MBL	23.31	222	eP	39	47.00	1 9
	1.0s		11.00nm			5.5mb		1.0s		52.50nm					WBN	23.80	202	eP	39	53.00	3.1X
SUF	102.80	334	ePdiff	29	04.00	-0.6		Z 18s		2.92um				6.0Msz	BAG	25.64	323	eP	40	08.00	0.2
	0.7s		7.50nm			5.5mb	GRC	121.13	325	iPKPc	34	05.80		5.4X	NAU	27.23	226	eP	40	23.00	0.8
JAS1	103.02	52	e(Pdif	29	08.50	2.2X				i	35	33.90			MRWA	31.53	215	eP	41	01.00	0.3
NUR	104.12	332	ePdiff	29	09.00	-1.5	AVF	121.24	324	ePKP	34	03.20		2.6X	YOU	32.05	161	eP	41	05.20	0.0
	0.7s		14.70nm			5.9mb	BGF	121.65	324	ePKP	34	04.10		2.6X	CAN	33.21	161	eP	41	34.40	19.2X
	Z 26s		5.80um			6.0MszX		1.0s		22.10nm					WAM	33.97	162	eP	41	21.10	-0.7
			i	29	13.50		MZF	121.99	324	ePKP	34	04.90		2.8X	QIZ	34.74	312	eP	41	28.20	-0.4
			eSKS	39	56.00		TCF	122.17	324	ePKP	34	05.20		2.7X	PPI	36.05	275	eP	41	40.00	0.1
			LR	15	20.00			0.9s		18.20nm					LOE	40.27	303	eP	42	13.00	-2.1
MWC	105 27	56	ePdiff	29	21.00	4.4X	FLN	122.29	328	ePKP	34	06.30		3.7X	WHN	40.34	330	Pd	42	17.40	1.9
			e	33	37.00			1.4s		52.30nm					GYA	41.78	318	P	42	28.40	0.8
SBB	105 41	55	ePdiff	29	18.00	0.9	LSF	122.59	324	ePKP	34	05.60		2.4X	CHTO	43.26	303	eP	42	39.00	-0.6
CLC	105.48	54	ePdiff	29	19.00	1.7		1.0s		12.00nm						1.0s		5.75nm			4.3mb
			e	33	34.00		GRR	122.72	327	ePKP	34	06.20		2.8X	KMI	43.66	313	Pc	42	43.50	0.4
EUR	106.30	50	iPKP	33	46.20	13.4X		1.4s		41.90nm					XAN	45.90	328	iPd	43	00.70	0 6
	1 0s		9.23nm				CAF	122.98	323	ePKP	34	06.90		2.8X	CD2	46.66	321	P	43	07.20	0.5
PLM	106.34	57	ePdiff	29	39.00	17.6X		1.3s		36.10nm					BJI	47.67	339	eP	43	14.00	-0 5
VRI	106.51	317	ePdiff	29	20.00	-1.6	LPF	123.03	327	ePKP	34	06.70		2.7X	LZH	50 21	326	eP	43	34.50	0 1
TPC	106.93	56	ePdiff	29	25.00	1.2		1.0s		24.00nm					GTA	54.81	326	iPd	44	09.00	0 3
MLR	107.13	316	ePdiff	29	24.00	-0.5	RJF	123.11	323	ePKP	34	07.10		2.8X	PKI	58.28	306	eP	44	33.5	-0 4
UPP	107.63	332	iPdiff	29	28.80	2.6X	MFF	123.36	325	ePKP	34	07.10		2.4X		0.6s		7.00nm		4	9mb
HFS	109.30	333	ePdiff	29	35.50	1.9X		0.9s		16.40nm					KKN	58.47	306	eP	44	34.70	-0 4
	0.7s		5.70nm				LPO	123.64	323	ePKP	34	08.40		3.1X		0.7s		15.00nm			5.2mb
KRA	109.86	322	ePKP	33	33.60	-5.2X	LFF	123.77	323	ePKP	34	08.40		2.8X	DMN	58.54	306	eP	44	35.50	-0.1
			e	34	13.40		EPF	125.03	321	ePKP	34	10.70		2 5X		0.6s		21.00nm			5.4mb
JOS	109.96	320	ePdiff	29	38.10	1.2		1.5s		33.90nm					HYB	60.85	292	eP	44	46.00	-5.4X
VAY	110.42	313	ePdiff	29	39.00	-0.1	OTT	130.30	29	ePKP	34	20.00		1.9X	WMO	64.64	323	eP	45	15.70	-0.5
															QUE	74.40	303	eP	46	16.50	-0.1

08d 21h

MHI	81.84	307	iPd	46 58.00	0.8
ARE	145.76	127	ePKP	54 22.00	4.1X
LPB	148.34	131	PKP	54 30.00	7.8X
CCH	149.23	135	ePKP	54 30.00	6.6X

S.D = 0.8 on 34 of 41 obs.

• APR 08, 1985 22h 04m 38.87± 0.79s
9 770 S ± 9.2km 120.151 E ±13.2km
DEPTH = 33.0km (normal)
4 6mb (3 obs.)
SUMBA ISLAND REGION (287)

MKS	4.57	351	iPd	05 49.50	2.0
TRT	7.71	285	ePc	06 38.80	7.1X
KNA	10.29	126	eP	07 06.00	-1.4
			eS	08 56.00	
MBL	11.33	182	eP	07 20.00	-1.6
			eS	09 19.00	
NAU	13.46	199	eP	07 50.00	0.0
	0.3s	12.00nm		5.3mb	
			eS	10 09.00	
MEK	16.82	185	eP	08 35.00	1.4
			eS	11 29.00	
WRA	17.03	128	Pd	08 35.60	-0.6
	0.9s	8.60nm		3.9mb	
WBN	17.38	160	eP	08 42.00	1.4
			eS	11 45.00	
ASPA	19.06	138	eP	09 02.00	0.6
			eS	12 24.00	
MRWA	19.74	191	eP	09 10.00	1.1
			eS	12 36.00	
PSI	24 50	299	ePd	09 55.50	-1.1
	0 7s	11.80nm		4.6mb	
GBA	48 34	298	Pc	13 30.60	11.0X
	0 5s	11.10nm			
DMN	50.33	319	eP	13 33.40	-1.7

S.D = 1.5 on 11 of 13 obs.

• APR 08, 1985 22h 40m 53.38± 1.54s
26.353 S ± 9.8km 28.600 E ±23.2km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

SLR	0.68	335	iPd	41 06.50	-0.5
SEK	2.15	204	iPc	41 33.60	3.1X
			S	41 58.50	
VIR	2.31	222	iPc	41 34.00	1.1
			S	42 03.00	
BLF	3.48	217	iPc	41 48.30	-1.1
	0.7s	340.00nm			
			S	42 27.50	
BUL	6.18	0	ePn	42 29.00	1.3
			eSn	43 33.00	
			iSg	44 01.00	
MTD	9.92	17	iPn	43 19.00	-0.8
			iSn	45 04.00	
			iSg	46 00.00	

S.D = 1.6 on 5 of 6 obs.

• APR 08, 1985 22h 41m 26.00± 0.78s
53.798 N ±17.0km 169.206 E ± 7.8km
DEPTH = 33.0km (normal)
4.5mb (8 obs.)
KOMANDORSKY ISLANDS REGION (4)

COL	24.05	46	eP	46 39.00	0.4
INK	29.95	39	eP	47 32.00	-0.7
MBC	34.22	24	eP	48 11.00	1.0
	0.6s	4.00nm		4.5mb	
YKA	38.85	46	eP	48 49.60	0.4
BMN	49.60	74	eP	50 16.00	0.1
	0.5s	0.77nm		4.0mb	
EUR	50.95	74	iP	50 27.00	0.7
BDW	52.31	67	eP	50 36.10	-0.5
	0 9s	1.71nm		4.0mb	
FRB	54.53	28	eP	50 51.00	-1.3
KJF	58.62	341	eP	51 22.00	0.5
SUF	60.26	341	iP	51 33.10	0.2
	0.5s	2.00nm		4.5mb	
NB2	64.18	348	P	51 58.90	-0.2
	1.2s	6.60nm		4.6mb	
KKN	64.60	283	eP	52 02.40	-0.1
	0.7s	6.00nm		4.8mb	
PKI	64.69	283	eP	52 02.80	-0.4
	0 6s	8 00nm		5 0mb	
LTX	65.27	74	eP	52 06.60	0 0
	0 7s	1.55nm		4 2mb	
QUE	72.92	298	eP	52 54.60	0.8
KHC	75.40	344	P	53 07.10	-0.6

S.D. = 0.7 on 16 of 16 obs.

APR 08, 1985 23h 27m 25.23± 0.41s
33.025 S ± 5.3km 71.974 W ± 5.3km
DEPTH = 33.0km (normal)
5.0mb (8 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (IV) in the Volparaiso-Vino del Mor areo ond (II) ot Santioga.

ROCH	0.81	86	iPd	27 39.10	-1.3
LNV	1.04	153	iPc	27 42.30	-1.2
TACH	1.07	126	iPc	27 43.10	-0.9
JACH	1.21	74	iPc	27 45.20	-0.8
BACH	1.28	105	iPd	27 47.00	0.0
PCH	1.36	116	iPc	27 48.00	-0.2
CHCH	1.43	130	iPd	27 48.60	-0.5
FCH	1.44	103	iPc	27 49.50	-0.1
MDZ	2.63	88	iP	28 09.30	2.9X
			e(S)	28 45.10	
RTCB	3.10	61	ePc	28 14.80	1.8
ZON	3.16	63	eP	28 17.00	3.2X
RFA	3.40	122	ePd	28 18.40	1.1
			S	29 11.20	
RTLL	3.42	61	ePc	28 19.70	2.1
CFA	3.46	67	ePc	28 19.50	1.3
			S	29 09.50	
VCA	5.36	38	ePc	28 45.50	0.3
			S	29 54.00	
TCA	6.48	77	iPc	28 59.40	-1.5
CYA	7.01	51	iPc	28 47.20	-21.0X
			S	30 16.00	
SLA	10.03	36	eP	29 49.00	-1.2
			S	32 13.00	
CCH	16.44	20	eP	31 15.00	-0.4
ARE	16.50	2	eP	31 15.00	-1.1
LPB	16.79	13	P	31 20.00	0.1
			S	35 16.00	
			LR	36 25.00	
NNA	21.41	347	eP	32 11.00	-1.5
VAO	24.18	72	iP	32 38.50	-1.2
BAO	27.77	57	e(P)	33 10.00	-3.3X
ITR	39.27	60	eP	34 54.90	2.2
SPA	57.15	180	eP	37 11.70	0.7
JCT	68.43	334	eP	38 25.50	-0.5
	1.0s	25.50nm		5.3mb	
LTX	68.91	331	eP	38 28.90	-0.1
	0.7s	3.61nm		4.6mb	
FVM	72.71	345	eP	38 50.60	-1.0
	0.7s	18.37nm		5.2mb	
KIC	74.73	72	iP	39 03.00	-0.9
ALQ	74.95	331	eP	39 05.00	0.0
	1.0s	13.75nm		4.9mb	
RMU	78.66	329	e(P)	39 26.70	1.1
RSSD	82.16	337	eP	39 44.70	0.6
	0.9s	3.78nm		4.4mb	
EUR	82.87	327	iP	39 48.50	0.6
	0.2s	11.72nm		5.6mb	
RSON	85.70	346	eP	40 01.10	-0.5
	0.9s	7.14nm		4.9mb	
LRM	86.61	333	eP	40 06.10	-0.4
FFC	91.13	343	eP	40 37.50	10.1X
BNG	92.82	87	iPc	40 36.60	0.4
	1.0s	7.90nm		5.1mb	
YKA	101.15	341	ePdiff	41 13.30	0.4
QUE	145.06	83	ePKP	47 01.00	-0.2
PPI	145.93	166	ePKP	47 03.70	0.8
GBA	146.09	118	PKPd	47 03.10	0.0
	0.9s	23.40nm			
POO	146.18	107	iPKPd	47 05.00	1.8
HYB	149.28	113	ePKP	47 12.50	4.3X

S.D. = 1.0 on 38 of 44 obs.

• APR 09, 1985 00h 27m 23.72± 1.59s
23.076 N ±10.6km 121.435 E ±13.5km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWF1	0 30	335	iPd	27 30.50	0.5
TWG	0 42	233	iPd	27 32.50	0.2
			eS	27 39.00	
TWK	0 89	282	iPd	27 40.50	-0.4
			eS	27 52 50	
TWC	1.57	14	iPd	27 52.00	0.3
TATO	1.89	1	eP	27 55.90	-0.4
ANP	2.10	2	iPc	28 04.00	4.6X
	0.8s	477.61nm			
			eS	28 14.30	
SSE	7.99	358	eP	29 22.40	-0.2

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

? APR 09, 1985 00h 56m 50.58± 2.58s
38.227 N ± 8.9km 31.106 E ±30.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BCK	0.87	208	iPn	57 06.00	-1.3
ELL	1.76	213	iPn	57 22.70	1.3
GPA	2.15	344	ePn	57 27.20	0.2
TTK	2.84	304	ePn	57 39.00	2.2X
IZM	3.03	274	ePn	57 40.00	0.5
BNT	3.26	312	ePn	57 42.00	-0.8

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

APR 09, 1985 01h 07m 21.06± 0.61s
23.983 N ± 5.1km 121.070 E ± 7.8km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD	0.49	79	iPd	07 31.00	0.0
			eS	07 38.20	
TWF1	0.66	162	iPc	07 34.50	0.3
			eS	07 44.00	
TWK	0.89	217	iPd	07 38.00	-0.2
			eS	07 51.00	
TWC	0.95	49	iP	07 39.00	-0.1
			eS	07 52.40	
TATO	1.06	21	iP	07 41.00	0.0
TWG	1.16	180	iPc	07 42.30	-0.4
			eS	07 59.00	
TWZ	1.20	23	iPc	07 43.50	0.0
ANP	1.26	19	eP	07 40.00	-4.6X
TWM1	1.30	207	eP	07 45.40	0.3

S.D. = 0.3 on 8 of 9 obs.

? APR 09, 1985 01h 52m 58.32± 8.40s
41.858 N ±59.1km 19.703 E ±29.0km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.1 (TTG).

ULC	0.35	287	iPgc	53 04.50	-1.1
			iSg	53 10.80	
TTG	0.66	330	ePg	53 10.00	-1.4
			eSg	53 23.00	
PVY	0.76	15	ePg	53 13.00	-0.3
			eSg	53 27.00	
HCY	1.07	304	ePg	53 18.50	0.0
			eSg	53 33.00	
BRY	1.35	321	ePg	53 24.00	0.7
			eSg	53 44.00	

S.D. = 1.2 on 5 of 5 obs.

APR 09, 1985 01h 56m 59.48± 0.13s
34.131 S ± 3.2km 71.618 W ± 3.0km
DEPTH = 37.8km (13 depth phases)
6.3mb (59 abs.) 7.2Msz (23 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Ms 7.5 (BRK), 7.0 (PAS). One person died from a heart ottock, severol people injured and some damoge (VI) in the Sontioga-Volparaiso area. One odditionol person died from o heort ottock ot Chillon. Felt throughout much of centrol Chile from Lo Serena to Osorno. Felt (IV) ot Mendozo, Argentino. Also felt in San Juon, San Luis, Cordobo, Tucumon and Sonto Fe Provinces, Argentina.
FAULT PLANE SOLUTION: P-Woves

NP1:Strike=163	Dip=67	Slip=	90
NP2:	343	23	90

Principal Axes:

T	Plg=68	Azm= 73
P	22	253

Comment: The focal mechanism is poorly controlled and corresponds to reverse foulting. The preferred fault

plane is NP2.
MOMENT TENSOR SOLUTION
Dep 42 No. of sta: 11
Moment Tensor; Scale 10**26 d-cm
Mrr= 3.66 Mtt=-1.73
Mff=-1.93 Mrt= 0.87
Mrf=-4.84 Mtf= 1.79
Principal axes:
T Val= 6.46 Plg=60 Azm= 92
N -0.74 14 337
P -5.71 26 240
Best Double Couple:Mo=6.1*10**26
NP1:Strike=301 Dip=22 Slip= 51
NP2: 161 73 104
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 39C M.W.: 12S, 29C
Centroid Location:
Origin Time 01:57: 7.6 0.2
Lat 34.26S 0.01 Lon 71.86W 0.02
Dep 46.6 0.8 Half-duration 13.0
Moment Tensor; Scale 10**26 D-CM
Mrr= 3.32 0.05 Mtt= 0.00 0.03
Mff=-3.32 0.03 Mrt= 0.76 0.06
Mrf=-3.60 0.09 Mtf= 0.31 0.03
Principal Axes:
T Val= 4.96 Plg=66 Azm= 74
N 0.00 3 171
P -4.97 24 263
Best Double Couple:Mo=5.0*10**26
NP1:Strike= 0 Dip=21 Slip= 99
NP2: 170 69 86

LNV	0.25	45	iPc	57	08.70	1.8
TACH	0.74	50	iPc	57	15.00	1.5
CHCH	0.83	76	iP	57	16.40	1.6
PCH	1.05	61	iP	57	19.60	1.6
BACH	1.22	51	iPd	57	22.40	2.0
ROCH	1.26	24	iPd	57	22.60	1.5
FCH	1.37	54	iPd	57	24.50	1.8
JACH	1.68	31	iPc	57	29.40	2.4
MDZ	2.63	62	eP	57	43.80	3.3X
			e(S)	58	00.40	
RFA	2.68	105	iPd	57	43.60	2.3
RTCB	3.55	43	iPc	57	56.30	2.7X
CFA	3.80	49	iPc	57	59.00	1.9
			S	58	44.80	
RTLL	3.85	44	iPc	57	59.80	1.9
VCA	6.11	29	ePd	58	29.20	-0.8
TCA	6.54	67	ePd	58	35.00	-0.9
CYA	7.55	43	iPc	58	28.20	-21.7X
FSA	9.37	33	e(P)	59	12.20	-2.9
SLA	10.78	31	eP	59	30.80	-3.8X
			(S)	01	36.00	
BAA	10.87	96	iP+	59	34.80	-0.8
YJA	13.08	26	ePc	00	05.00	-0.7
CCH	17.39	18	P	00	59.60	-1.6
	1.2s		60.00nm			4.6mb X
			i	01	18.50	
ARE	17.59	0	iPc	01	03.50	-0.3
ITB7	17.60	64	eP	01	03.00	-0.6
ITB1	17.72	62	eP	01	04.80	-0.1
ITB	17.77	63	e(P)	01	05.40	-0.2
LPB	17.81	11	P	00	53.00	-13.6X
			i	01	06.40	
			LR	06	23.00	
ZOBO	18.06	11	eP	01	09.20	-0.7
VAO	24.26	69	iP	02	12.60	-1.7
			i	02	40.50	136kmX
			i	02	42.90	
RDJ	27.26	73	iP+	02	40.80	-1.4
BAO	28.14	55	iPc	02	47.60	-2.8
AAS	29.27	167	iP	03	00.40	0.5
	1 0s	7870.00nm				7.4mb X
	Z 23s	207.00um				6.7MszX
			eS	06	56.00	
AIA	31.47	174	eP	03	19.60	0.3
PSO	35.54	350	eP	03	58.00	2.5
GIE	37.55	328	iP	04	14.30	2.4
			i	04	23.90	33km
			iS	10	01.70	
SOB1	37.55	56	iPc	04	09.80	-2.2
BOG	38.61	356	iP	04	22.50	1.2
			iS	10	03.00	
BMG	41.00	358	iP	04	39.00	-1.7
UAV	42.51	1	iPd	04	52.90	-0.3
	0.8s	190.50nm				5.9mb

SDV	42.79	1	iPc	04	54.50	-1.0
	0 8s	80 00nm				5.5mb
UPA	43.53	349	eP+	05	01 80	0.6
Z	21s	67.38um				6.5Msz
N	19s	41.32um				
E	20s	48.23um				
			iS	11	44.00	
TOV	43.71	3	eP	05	01.70	-1.1
LGN	44.03	0	eP	05	02.00	-3.3X
CAR	44.61	7	iPc	05	08.20	-2.0
	0.7s	109.59nm				5.8mb
CUM	44.91	10	iPd	05	11.00	-1.4
SJS	45.39	343	ePc	05	17.10	0.7
TRN	45.58	14	iPc	05	16.56	-1.1
	1.5s	773.50nm				6.4mb
BIM	49.41	14	eP	05	46.41	-1.2
MVM	49.48	14	eP	05	45.79	-2.4
FDF	49.60	13	eP	05	47.00	-2.2
			S	12	45.00	
CRM	49.67	14	eP	05	47.89	-1.7
MDN	50.12	13	eP	05	49.00	-4.1X
MGG	50.73	13	eP	05	53.00	-4.6X
PAG	50.77	12	eP	05	54.00	-4.1X
SEG	51.17	12	eP	05	54.00	-7.0X
SNA	51.33	156	iPc	06	01.50	-0.2
	1.2s	650.00nm				6.5mb
BPA	51.73	12	eP	06	01.00	-4.3X
PCJ	51.85	353	eP	06	07.58	1.4
HOJ	52.07	354	eP	06	10.76	2.9X
GWJ	52.14	354	eP	06	11.29	2.8X
STH	52.15	354	eP	06	10.00	1.5
SJG	52.21	7	iPc	06	05.80	-3.1X
	1.0s	400.00nm				6.4mb
Z	20s	60.28um				6.6Msz
COM	53.78	335	iP	06	29.00	8.3X
GCM	53.93	349	P	06	19.60	-1.9
PBJ	55.16	332	iP	06	30.00	-0.6
RKT	55.91	264	iP	06	36.00	-0.1
			ipP	06	48.00	42km
SPA	56.05	180	iPc	06	36.80	0.0
	1.2s	285.92nm				6.2mb
Z	20s	6.22um				5.7MszX
PIO	56.23	329	eP	06	37.50	-0.8
OXX	56.26	331	eP	06	39.80	1.0
VHO	56.41	331	eP	06	39.00	-0.9
ACX	57.41	327	eP	06	47.80	1.1
III	58.57	329	eP	06	55.50	0.4
IIT	58.65	330	iP	06	56.80	1.1
TPM	58.93	329	eP	06	58.00	0.4
IIP	59.20	330	eP	07	02.00	2.4
IIM	59.29	329	iP	07	01.00	0.8
UNM	59.29	329	eP	07	06.50	6.3X
TAC	59.36	329	iP	07	01.00	0.3
OXM	59.48	329	eP	07	02.00	0.5
CRX	59.57	329	eP	07	02.30	0.1
TLX	59.62	331	ePc	07	03.30	0.9
IIC	59.71	330	eP	07	03.00	-0.1
SBA	63.02	192	iPc	07	24.30	-0.1
HBF	67.22	352	P	07	50.60	-1.3
TBI	67.63	256	iP	07	55.00	0.2
	1.0s	130.00nm				6.0mb
			ipP	08	07.00	41km
HKT	67.72	337	iP	07	55.00	-0.1
PRM	68.60	350	iP	07	59.10	-1.4
ATX	68.72	336	iP	08	00.00	-1.4
NSLM	69.33	339	eP	08	05.00	0.0
JCT	69.55	334	iPc	08	06.20	-0.3
	1.0s	775.00nm				6.7mb
Z	20s	31.91um				6.6Msz
RUV	69.98	265	iP	08	10.50	1.1
	1.2s	200.00nm				6.0mb
			ipP	08	22.00	38km
LTX	70.02	330	iPc	08	09.10	-0.4
VAH	70.16	265	iP	08	11.70	1.2
	1.2s	215.00nm				6.1mb
			ipP	08	23.20	38km
TPT	70.28	265	iP	08	12.50	1.2
	1.2s	140.00nm				5.9mb
			ipP	08	24 10	39km
TKL	70.35	350	P	08	09.40	-1.8
PPN	70.47	262	iP	08	13.00	0.6
	1.2s	185.00nm				6.0mb
			ipP	08	24.70	39km
PMO	70.50	265	iP	08	13.90	1.3
	1.2s	125 00nm				5.8mb
			ipP	08	25 50	39km
PAE	70.53	262	iP	08	13 40	0.7

	1.2s	330.00nm				6.2mb
			ipP	08	25.00	39km
PPT	70.57	262	iP	08	13.90	0.9
	1.2s	475.00nm				6.4mb
			ipP	08	25.40	38km
AFR	70.75	262	iP	08	14.20	0.1
	1.2s	125.00nm				5.8mb
			ipP	08	26.00	40km
BLA	71.45	353	P	08	16.60	-1.3
BHO	71.55	340	iPc	08	18.00	-0.5
MAW	72.96	163	iPc	08	26.10	-0.3
TUL	73.25	340	iPc+	08	27.00	-1.5
	1.2s	1192.60nm				6.7mb
Z	18s	49.30um				6.8Msz
			eS	17	54.00	
OCO	73.39	338	ePc	08	28.30	-1.0
FVM	73.85	345	P	08	30.70	-1.2
	1.0s	760.00nm				6.6mb
PRIN	74.18	358	P	08	33.20	-0.5
GMTN	74.68	358	iP	08	36.20	-0.4
			i	08	58.20	83kmX
			i	09	26.80	
			i	10	35.30	
KIC	74.79	71	iPc	08	36.80	-1.1
			e	36	09.20	
PAL	74.79	358	ePc	08	36.20	-1.1
ALQ	76.06	331	iPc+	08	45.00	0.0
	1.0s	385.00nm				6.3mb
Z	19s	215.28um				7.5Msz
UTO	76.22	351	iPd	08	44.50	-0 9
DRV	76.65	192	eP	08	47.50	-0 1
			e	18	30.00	
			eSS	23	30.00	
			eSSS	27	00.00	
WIN	76.69	108	iPc	08	48.00	-0.9
	1.0s	530.00nm				6.5mb
RAR	76.95	253	iP	09	02.00	12.0X
			S	18	36.00	
CHI	77.08	348	P	08	49.00	-1.2
DLA	77.16	353	P	08	48.50	-2.1
ELF	77.46	353	P	08	50.40	-1.9
GLA	78.19	324	eP	08	57.00	0.4
RSNY	78.35	358	P	08	56.50	-0.6
	1.0s	19.23nm				5.1mb X
EMM	78.59	3	P	08	59.10	0.7
BAR	78.81	323	eP	09	01.00	1.0
MIM	79.04	2	eP	09	00.80	0.0
OTT	79.24	357	ePc	09	01.50	-0.4
	1.0s	290.00nm				6.2mb
			pP	09	18.00	59kmX
MNT	79.28	359	iPc	09	01.70	-0 5
	1.6s	960.00nm				6.5mb
PLM	79.44	323	iP+	09	04.00	0 4
			e	09	19.00	53kmX
TPC	79.64	324	iP+	09	05.00	0 5
			e	09	20.00	53kmX
RMU	79.76	329	eP	09	06.00	0 8
GLD	79.81	334	P	09	05.60	0.1
Z	20s	31.00um				6.6Msz
GOL	79.82	334	P	09	05.50	-0.1
Z	20s	43.00um				6.8Msz
BLF	80.11	118	iPc	09	06.90	-0.6
	1.2s	960.00nm				6.7mb
RVR	80.21	323	iP+	09	08.00	0.5
			e	09	24.00	57kmX
MWC	80.74	323	iP+	09	11.00	0.5
			e	09	26.00	53kmX
GSC	80.97	324	iP+	09	13.00	1.4
			e	09	29.00	57kmX
SBB	80.99	323	iP+	09	12.00	0.3
VIR	81.18	118	iPc	09	12.50	-0.6
	1.1s	544.30nm				6.5mb
TEN	81.36	47	Pc	09	13.70	0.1
			PP	12	34.00	
SEK	81.60	118	iPc	09	14.90	-0 4
	1.0s	325.00nm				6.3mb
CLC	81.77	324	iP+	09	16.00	0 3
BFS	81.77	117	iPc	09	15.50	-0 7
	0.8s	455.22nm				6 5mb
SYP	81.95	321	eP	09	17.00	0 2
WKTM	82.17	323	P	09	18.70	0 9
GNZ	83.03	228	P	09	26.90	4 6X
			pP	09	37.60	34km
STJ	83.08	13	eP	09	21.50	-0.6
	2.0s	2344.00nm				6.9mb
RSSD	83.29	337	P	09	23.40	-0.2
WEL	83.30	224	iPc	09	26.00	2 4

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Z 22s 173.33um 7.4Msz
N 22s 84.44um
E 22s 82.96um
pP 09 36.50 33km
PP 12 47.50
SKS 19 42.00
SLR 83.54 117 iPc 09 24.50 -0.8
0.9s 378.15nm 6.5mb
Z 17s 102.04um 7.3MszX
PRI 83.56 322 iPc 09 26.50 1.5
TCW 83.63 224 P 09 22.20 -3.1X
LHC 83.68 348 iPc 09 23.90 -1.3
0.9s 327.00nm 6.4mb
EVA 83.69 118 iPc 09 25.70 -0.4
1.5s 1177.78nm 6.8mb
FRI 83.74 323 eP 09 25.60 -0.1
EUR 83.95 327 iP 09 28.00 0.9
BDW 84.05 333 P 09 24.80 -2.7X
Z 18s 257.14um 7.6Msz
PRS 84.07 322 ePc 09 28.80 1.4
LLA 84.07 322 ePc 09 28.70 1.2
MNA 84.12 325 iPc 09 28.80 0.9
e 19 51.00
MSZ 84.77 218 P 09 32.00 1.1
JAS1 84.82 323 iPc 09 32.20 1.0
e 19 59.00
i 20 19.10
e 21 17.00
GCC 84.93 322 eP 09 33.20 1.5
APN 84.93 322 P 09 34.00 2.2
MHC 84.98 322 iPc 09 33.70 1.6
KRP 85.00 227 P 09 33.00 0.8
S 20 03.00
BMN 85.28 327 P 09 33.50 -0.1
Z 19s 227.27um 7.6Msz
JOZ 85.33 120 eP 09 33.50 -0.6
0.8s 67.16nm 5.9mb
BKS 85.70 322 eP 09 36.80 1.3
1.0s 361.00nm 6.5mb
ePP 12 52.00
eS 20 00.00
e 21 59.00
eSS 25 54.00
eSSS 29 08.00
eLQ 30 32.00
e 32 44.00
eLR 34 46.00
e 38 38.00
BRK 85.71 322 iPc 09 37.00 1.5
ZSP 85.76 322 eP 09 37.70 1.9
ORV 86.62 324 iPc 09 41.10 1.1
e 20 16.00
RSON 86.84 346 P 09 39.90 -0.9
BUL 86.98 112 iPc 09 42.00 -0.5
0.5s 80.63nm 6.2mb
iPP 13 18.00
iS 20 30.00
MIN 87.28 324 ePc 09 43.00 -0.4
LRM 87.73 333 ePc 09 45.70 0.1
WDC 87.91 324 iPc 09 46.00 -0.2
SCH 88.68 3 ePc 09 48.40 -1.2
1.6s 781.00nm 6.8mb
TIO 88.69 51 iPc 09 51.00 0.6
i 10 07.00 56kmX
FHC 88.80 323 eP 09 52.20 1.7
CRZ 89.03 228 eP 09 59.00 7.1X
AVE 90.16 49 iPd 09 58.00 0.9
i 10 23.00 93kmX
i 11 00.00
AFI 90.50 253 P 10 03.00 3.9X
e(S) 20 22.00
e 21 55.00
eSS 25 55.00
eSSS 30 07.00
CLY 90.73 333 eP 10 00.00 0.4
LHD 90.93 332 eP 10 00.00 -0.4
LDM 91.00 333 eP 10 00.00 -0.6
SES 91.09 336 iPc 10 00.00 -1.0
1.7s 1426.00nm 7.1mb
MTD 91.22 111 iPc 10 03.00 0.5
ipP 10 19.00 55kmX
iPP 13 52.00
RXF 91.27 333 eP 10 01.60 -0.3
COR 91.33 326 iPc 10 03.00 0.9
YKM 91.49 333 eP 10 01.80 -1.2
NEW 91.55 332 eP 10 01.20 -1.9
Z 18s 94.00um 7.3Msz

e 10 18.00 59kmX
FFC 92.28 343 iPc 10 05.20 -1.1
2.2s 461.00nm 6.5mb
BNG 92.59 86 iPd 10 08.50 -0.2
0.9s 165.60nm 6.5mb
MTH 92.84 44 eP 10 09.50 0.2
SFS 92.99 47 iP 10 11.00 1.0
iPP 14 08.00
iPPP 16 03.00
iSKS 19 07.00
iS 20 40.00
iPPS 24 42.00
eSS 27 50.00
eSSS 30 05.00
TET 93.13 112 iPc 10 13.00 1.9
ipP 10 22.00 28kmX
isP 10 32.00
i 11 40.00
iPP 14 09.00
PNT 93.39 331 ePc 10 11.00 -0.5
COI 94.17 43 iPc 10 15.00 -0.3
i 13 53.00
(S) 23 03.00
EDM 94.24 336 iPc 10 13.40 -2.0
1.2s 452.00nm 6.8mb
MAL 94.26 48 iP+ 10 16.00 0.2
iPP 14 02.00
iPPP 16 00.00
iSKS 20 15.00
iS 20 45.00
TAF 94.31 50 iP 10 18.00 1.8
i 10 42.00 88kmX
PGC 94.48 328 eP 10 17.00 0.5
PTO 94.69 42 iPc 10 23.00 5.4X
iS 20 53.00
MTE 94.80 44 ePd 10 18.50 0.2
CRT 95.06 48 iPd 10 20.00 0.4
AFC 95.13 48 eP 10 19.10 -0.9
TAU 95.46 208 eP 10 22.00 0.5
eS 14 14.00
ALM 95.55 49 iPc 10 21.10 -0.6
2.0s 4.80nm 4.6mb X
iPP 14 12.70
iS 21 15.90
TOL 96.50 46 iP+ 10 25.00 -1.0
iPP 14 17.00
ePPP 16 20.00
iSKS 20 54.00
iS 21 22.00
iPS 22 40.00
iPPS 23 17.00
iSS 28 10.00
iSSS 31 20.00
FRB 97.58 1 eP 10 27.00 -3.2X
ALI 97.71 49 iP- 10 32.00 0.6
PHC 97.74 328 eP 10 32.00 0.8
HON 98.81 290 P 10 44.00 7.3X
KIP 98.87 290 P 10 44.00 7.0X
LGR 99.02 44 iPd 10 38.50 1.2
iPP 14 39.50
iSKKS 21 36.50
iS 22 05.00
EBR 99.81 47 eP 10 40.00 -0.9
ePP 14 47.00
e 21 34.00
WAM 100.48 212 ePdiff10 48.50 4.3X
e 15 04.30
TOO 100.75 209 ePdiff10 46.00 0.6
eS 21 21.00
eSS 29 05.00
EPF 101.03 45 ePdiff10 47.70 1.1
1.8s 94.90nm 6.1mb
VAL 101.10 34 iPdiff10 45.00 -1.5
SKS 21 20.00
CAN 101.16 213 ePdiff10 49.50 2.2X
e 15 05.90
NOU 101.27 233 iPdiff11 00.00 12.0X
YKC 102.25 341 ePdiff10 50.00 -1.4
1.5s 107.00nm 6.3mb
YKA 102.29 341 ePdiff10 51.40 -0.2
LFF 102.39 44 ePdiff10 52.70 0.2
1.3s 69.50nm 6.2mb
MFF 102.87 42 ePdiff10 54.80 0.2
1.2s 49.90nm 6.1mb
RJF 103.05 44 ePdiff10 55.90 0.5
1.2s 26.10nm 5.8mb
CAF 103.15 44 ePdiff10 56.20 0.3

1.1s 19.50nm 5.8mb
LPF 103.23 41 ePdiff10 56.10 0.0
1.6s 69.10nm 6.2mb
GRR 103.54 40 ePdiff10 57.20 -0.3
1.1s 15.90nm 5.7mb
LSF 103.61 43 ePdiff10 58.10 0.2
1.7s 118.40nm 6.4mb
GDH 103.93 7 ePdiff10 57.50 -1.2
Z 19s 52.78um 7.1Msz
i 15 15.00
i 22 40.00
FLN 103.96 40 ePdiff10 59.30 -0.1
1.1s 21.40nm 5.9mb
TCF 104.01 43 ePdiff10 59.70 0.0
1.4s 32.20nm 6.0mb
LDF 104.06 40 ePdiff10 59.90 0.1
1.2s 20.20nm 5.8mb
MZF 104.19 44 ePdiff11 00.90 0.4
1.4s 36.30nm 6.0mb
NAI 104.46 102 ePdiff11 04.00 1.3
BGF 104.53 43 ePdiff11 02.20 0.2
1.7s 87.60nm 6.4mb
LRG 104.89 47 ePdiff11 04.90 1.3
1.6s 57.00nm 6.2mb
LMR 104.91 48 ePdiff11 04.50 0.8
AVF 104.95 43 ePdiff11 04.50 0.7
1.9s 113.70nm 6.5mb
GRC 105.07 43 iPdiff11 03.60 -0.7
i 15 24.00
i 24 49.00
FRF 105.12 48 ePdiff11 05.80 1.1
SMF 105.15 44 ePdiff11 05.50 0.8
1.8s 150.10nm 6.6mb
SSF 105.19 43 ePdiff11 04.80 -0.1
1.3s 30.30nm 6.1mb
LBF 105.41 43 ePdiff11 06.00 0.0
1.4s 29.80nm 6.1mb
REY 105.47 20 ePKP 15 30.30 11.3X
LOR 105.50 43 ePdiff11 06.20 -0.1
1.7s 58.80nm 6.3mb
EMS 106.63 45 ePdiff11 12.60 1.0
DIX 106.92 46 ePdiff11 14.30 1.3
ORO 107.02 46 ePdiff11 22.00 8.8X
MMK 107.24 46 ePdiff11 15.50 1.1
HAU 107.32 43 ePdiff11 14.90 0.5
DOU 107.45 41 Pdiff+11 14.00 -0.9
Z 21s 86.90um 7.3Msz
e 14 40.00
PP 15 37.10
SKS 21 56.00
e 23 38.00
e 25 04.00
ROF 107.46 44 ePdiff11 14.60 -0.4
BSF 107.48 44 ePdiff11 15.70 0.5
UCC 107.70 40 Pdiff+11 17.00 1.1
e 14 29.00
UCC 107.70 40 PKP 15 29.00 5.3X
e 15 38.00
SKS 21 53.00
e 22 12.00
PS 24 46.00
e 25 09.00
AKU 107.71 20 iPKP 15 42.90 19.7X
2.0s 235.29nm
Z 22s 72.59um 7.2Msz
CDF 108.06 43 ePdiff11 18.10 0.3
WLF 108.08 42 Pdiffc11 17.40 -0.2
PKKP 14 47.20
PP 15 39.00
PKKP 26 55.40
FIR 108.09 49 ePdiff11 20.00 2.2X
ePP 15 50.00
iS 22 22.00
ZUL 108.22 45 ePdiff11 19.20 0.7
LLS 108.27 45 ePdiff11 19.90 1.0
VDL 108.36 46 ePdiff11 20.10 0.8
SLE 108.43 44 ePdiff11 20.00 0.7
MEM 108.49 41 ePKP 15 05.30 -19.9X
PP 15 45.20
ENN 108.53 41 e(PKP)15 09.00 -16.2X
e(PP) 15 25.00
SAX 108.67 45 ePdiff11 21.90 1.2
DBN 108.83 39 e(Pdiff11 20.00 -0.9
Z 22s 40.00um 6.9Msz
ePP 15 47.00
eSKS 22 00.00
iPS 25 12.00

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			eSS	31	00.00					iSP	26	04.50			MLR	118.28	52	ePKPd	15	43.00	-1.2
			eSSS	35	13.00					i(PS)	26	15.00			UPP	118.47	35	iPdiff	11	59.00	-4.6X
OSS	108.86	46	ePdiff	11	22.40	0.9				i	34	21.50			UPP	118.47	35	iPKP	15	46.00	2.1X
BNS	109.31	41	iPdiff	11	24.00	0.9	BRN	113.31	42	ePdiff	11	42.00	1.2					iPP	16	57.00		
CTI	109.45	47	ePdiff	11	24.00	0.0	ZST	113.75	47	e(PKP)	15	29.00	-6.3X		BCK	118.54	62	ePKP	15	43.00	-1.9X
WTS	109.64	40	e(PKP)	15	17.00	-10.3X				i	16	26.00			ISR	118.55	53	ePKPd	15	45.00	0.4
			ePP	15	31.00					e	16	38.00			LVV	118.58	47	Pdiff	12	06.00	1.6
			e	15	52.00					e	21	39.00			VRI	118.92	52	ePKPc	15	43.00	-2.3
WIT	109.98	39	e(PKP)	15	38.50	10.6X				e	26	21.00			BRD	119.01	53	ePKPc	15	46.00	0.6
TRI	110.59	48	iPdiff	11	29.00	0.1	ATH	113.77	59	iPdiff	11	45.00	1.7		PRNI	119.06	71	e(PKP)	15	46.00	-0.1
			i	15	22.00					iPP	16	26.00			PSN	119.13	55	ePKP	15	41.00	-4.6X
			iPP	16	04.00					iSKS	22	40.00			TLB	119.35	54	ePKPd	15	46.00	0.0
			iPPP	18	35.00					iPS	26	13.00			GPA	119.40	59	ePKP	15	44.20	-2.2X
			iSKS	22	10.00		PMR	113.87	329	ePKP	15	35.00	-0.1		CSS	119.63	66	ePKP	15	47.50	0.5
			iS	23	44.00			Z 20s		4.50um			6.1MszX		CFR	119.63	53	ePKPc	15	45.00	-1.6
			iSP	25	40.00		SKO	113.90	55	iPdiff	11	44.50	0.7		JER	119.80	70	e(Pdif	12	12.00	1.6X
			iSS	31	24.00		SKO	113.90	55	iPKP	15	32.00	-3.8X		JER	119.80	70	e(PKP)	15	47.00	-0.5
			iSSS	35	44.00					iPP	16	27.00			BRW	120.39	338	ePKP	15	47.60	0.4
GRF	110.95	44	ePdiff	11	31.60	1.1				iPPP	18	58.00			WB2	120.81	209	iPKPc	15	48.20	-1.4
	Z 20s		93.00um			7.4Msz				iSKS	22	17.50						e	17	33.60		
KBA	110.97	47	ePdiff	11	32.00	1.1				iPS	26	14.00			WRA	120.81	209	PKPc	15	48.00	-1.6
			i	15	17.00		MBC	114.13	349	ePdiff	11	46.00	2.0X			0.7s		18.50nm				
KBA	110.97	47	iPKP	15	28.00	-2.3X	COP	114.31	38	ePdiff	11	47.00	1.8		HRI	120.82	69	e(PKP)	15	50.00	0.6
			i	16	05.60			Z 20s		70.21um			7.3Msz		BHL	120.99	68	Pdiff	12	17.00	1.3X
			iPP	16	11.50		THE	114.38	56	ePdiff	11	46.40	0.5		BHL	120.99	68	PKP	15	48.00	-1.7
			ipPP	16	25.80					iPP	16	30.00						PP	17	00.00		
MOX	111.62	43	ePdiff	11	30.00	-3.4X				iS	23	34.80			TRO	121.73	24	ePKP	15	50.80	1.0
			e	14	48.00		KSP	114.38	44	e(Pdif	11	45.00	-0.7		MNK	121.91	43	Pdiff	12	20.00	0.9
MOX	111.62	43	ePKP	15	18.00	-13.1X				ed	15	36.70			KBS	122.00	13	iPdiff	12	22.00	3.0X
	Z 24s		124.20um			7.4MszX				e	16	26.50			NUR	122.02	35	ePdiff	12	20.00	0.6
	N 22s		23.00um				VAY	114.39	56	ePdiff	11	45.40	-0.6		NUR	122.02	35	iPKP	15	49.60	-1.0
	E 22s		75.20um				VAY	114.39	56	iPKP	15	32.60	-4.2X			0.7s		29.40nm				
			e	15	35.00					iPP	16	32.00				Z 19s		77.50um			7.4Msz	
			ePP	16	04.00		KONO	114.63	34	ePdiff	12	02.00	15.4X					ePP	17	16.00		
			ePPP	18	20.00		COL	114.87	333	ePdiff	11	52.00	4.5X					epPP	18	52.00		
			eSKS	22	25.00			Z 20s		62.06um			7.2Msz					iPKKP	25	48.50		
			iPS	25	48.00					e	15	40.00						ePS	27	24.00		
			ePKKP	26	37.00		MMB	115.30	56	ePKP	15	35.00	-3.6X					epPS	29	00.00		
			e	26	46.00		VTS	115.35	55	ePKP	15	39.00	0.5					e	34	32.00		
			e	29	45.00		DAG	115.35	12	ePdiff	11	49.00	-0.4					LR	08	40.00		
			iSS	31	40.00					i	15	40.00			SUF	123.18	33	iPKP	15	51.40	-1.4
			iSSS	36	00.00					i	16	36.00				0.5s		14.60nm				
KMR	111.90	46	ePdiff	11	28.00	-6.7X	NB2	115.95	32	PKP	15	37.80	-1.4		PMG	123.19	228	ePKP	15	52.00	-2.3X
KMR	111.90	46	iPKP+	15	28.80	-2.9X		1.4s		51.10nm					NAU	123.23	188	ePKP	15	54.00	-0.1
			iPP	16	02.20		JOS	115.96	48	e(Pdif	12	07.00	14.2X		SIM	123.57	55	Pdiff	12	26.00	-0.7
INK	111.90	339	ePdiff	11	33.00	-1.2	SPC	116.05	47	ePKP	15	39.20	-0.7		RAB	123.83	236	ePdiff	12	37.60	9.0X
			pP	11	50.00			Z 16s		50.40um			7.2MszX		MBL	123.95	193	ePKP	15	55.00	-0.6
KHC	112.05	45	ePdiff	11	35.20	-0.3				i	16	40.70				0.6s		136.00nm				
	Z 20s		44.60um			7.1Msz				e	20	35.20			SOD	124.13	28	ePdiff	12	34.00	5.4
	N 20s		21.20um				CLO	116.06	52	ePKPc	15	30.00	-9.9X		SOD	124.13	28	iPKP	15	53.20	-1.4
	E 20s		33.20um				PLD	116.17	55	ePKP	15	37.00	-3.1X					iPP	17	38.30		
			e	11	54.20		KRA	116.20	46	ePdiff	11	56.00	2.2X		KJF	124.13	31	ePdiff	12	30.00	1.4
			e	15	13.50					e	15	40.20			KJF	124.13	31	iPKP	15	53.90	-0.7X
			e	22	30.00					i	16	42.00				1.0s		58.00nm				
TTG	112 63	53	ePdiff	11	39.00	0.9				i	26	44.00						ePP	17	24.00		
			e	16	19.00		KDZ	116.43	56	iPKP	15	38.00	-2.7X					ePKS	19	00.00		
			e(S)	22	13.00		ALE	116.48	1	ePKP	15	38.50	-1.1					esPP	20	24.00		
CLL	112.70	43	ePKP	15	33.00	-0.1		1.4s		73.00nm								eSKS	22	16.00		
	Z 23s		85.00um			7.3MszX	IZM	116.49	60	ePKP	15	40.00	-0.9					eS	25	32.00		
			e(SKS)	22	34.00		HFS	116.72	34	ePKP	15	38.50	-2.1					epPS	29	16.00		
			PKKP	26	29.00			0.6s		5.90nm								eSS	34	08.00		
			e(SKKP	29	47.00		DIM	116.75	56	ePKP	15	40.00	-1.2					esSS	37	36.00		
PRU	113.00	44	ePdiff	11	41.00	1.4	PVL	116.89	55	iPKPc	15	40.00	-1.5		RTB	124.30	70	ePKPd	15	57.00	1.1X
	Z 20s		88.10um			7.4Msz	UZH	117.10	48	PKP	15	47.00	5.3X					i	17	31.00		
	N 20s		42.00um				COZ	117.17	52	PKP	15	40.00	-2.2					iPP	17	56.50		
	E 20s		64.80um				TTA	117.36	329	ePKP	15	41.30	-0.6					iPPP	18	54.00		
			e	11	56.00		TTK	117.59	59	ePKP	15	39.10	-3.8X					i	20	32.50		
			i	16	18.00		IMA	117.59	333	ePKP	15	41.70	-0.6					iS	23	20.00		
MUD	113.01	37	ePKP	15	53.00	19.5X	JMB	117.60	56	ePKP	15	42.00	-0.8					iPPS	23	40.00		
	1 3s		100.00nm				CMP	117.60	52	ePKPd	15	33.00	-9.8X					i	24	55.00		
BRG	113.04	43	ePdiff	11	39.60	-0.1	ASPA	117.61	206	ePdiff	12	03.00	2.2X					eScS	26	10.00		
	1.0s		320.00nm							ePP	16	57.00			KEV	124.53	25	ePdiff	12	28.00	-2.3X
			e	12	03.00					eSKS	22	36.00			PUL	124.65	37	Pdiff	12	32.00	1.0
BRG	113.04	43	ePKP	15	34.20	0.4				ePS	25	50.00			ADK	124.88	313	ePKP	15	56.10	-0.3
			iSKS	22	16.00		WBN	117.62	198	ePKP	15	43.00	-0.4		APA	126.72	28	PKP	15	59.00	-0.6
			iPKKP	26	23.40		WAR	117.64	44	e(Pdif	12	00.00	-0.1		KNA	126.73	205	ePKP	16	02.00	0.9
BER	113.06	32	ePdiff	11	44.00	4.5X		Z 24s		123.00um			7.4MszX		ILT	127.53	333	PKP	16	02.00	0.9
OHR	113.09	55	ePKP	15	20.50	-13.8X				e	16	52.00			BHD	127.56	72	ePKP	16	03.00	0.8X
			ePP	16	30.30					e	17	16.00						e	16	23.50		
VKA	113.30	47	Pdiffc	11	40.00	-1.0				e	22	52.00						ePP	18	09.50		
VKA	113.30	47	iPKPc	15	35.50	1.1				e	24	15.00						eScP	20	53.00		
	Z 18s		55.75um			7.2Msz				e	28	40.00						iS	23	30.50		
			i	16	15.00		EDC	117.68	58	ePKP	15	39.00	-4.1X					e	26	22.00		
			iPP	16	34.70		BNT	117.73	58	ePKP	15	42.60	-0.6					e	28	13.50		
			iPPP	19	00 40		ELL	117 76	63	ePKP	15	40.00	-3.5X		MSL	127.61	68	iPKP	16	02.50	0.2X
			i	20	46.50		BUC1	117.92	54	ePKP	15	40.00	-3.4X					ePcP	17	08.00		
			isS	24	28.00		DMK	118.17	57	ePKP	15	35.00	-8.9X					iPP	18	01.50		

09d 02h

		eS	23	26.00		
STE	129.81	62 PKP	16	23.10	16.6X	
KEP	130.05	71 ePKP	16	08.00	0.8	
TAE	130.52	67 ePdiff	13	02.00	4.0X	
		e	16	08.00		
SMY	130 60	313 PKP	16	21.00	13.6X	
	Z 21s	79.17um			7.4Msz	
GRS	130.89	65 PKP	16	07.00	-1.6	
GRO	131.27	60 PKP	16	09.00	0.0	
MAK	132.46	60 PKP	16	10.50	-0.7	
JAY	132.53	226 ePKPd	16	12.50	0.2X	
		eS	18	45.00		
SHI	132.85	79 e(PKP)	16	07.00	-5.7X	
BAK	133.76	64 PKP	16	21.00	7.2X	
TEH	133.82	71 ePKPc	16	15.00	0.7	
TRT	138.20	186 iPKPd	16	21.40	-1.6	
KHI	139.17	75 ePKP	16	13.50	-10.9X	
MKS	139.49	197 iPKPd	16	27.00	1.7	
ASH	139.75	70 PKP	16	16.00	-9.1X	
MHI	140.34	72 ePKP	16	17.00	-9.4X	
		e	16	25.00		
		e	19	18.00		
		eS	32	00.00		
GUA	141.09	247 PKP	16	25.00	-3.1X	
GUMO	141.16	247 PKP	16	19.00	-9.2X	
SKR	141.81	310 PKP	16	23.00	-5.4X	
NRI	142.91	12 PKP	16	23.40	-6.3X	
GOA	143.78	112 iPKP	16	29.30	-3.4X	
MNI	144.02	209 iPKPc	16	32.30	-1.0	
	1.0s	4.50nm				
MNI	144.02	209 iPKPc	16	22.30	-11.0X	
	1.0s	499.10nm				
QUE	144.86	85 iPKPc+	16	32.00	-2.5	
POO	145.57	108 PKP	16	35.00	-0.8X	
		iS	20	04.00		
SAM	146.66	68 PKP	16	36.00	-1.0	
KGM	147 70	170 ePKPd	16	38.30	-1.1	
	0.9s	116.70nm				
		i	16	53.20		
		i	17	04.20		
KUR	147.95	302 PKP	16	38.00	-0.8	
TSI	148.18	151 ePKPd	16	44.90	4.8X	
TAS	148.47	65 PKP	16	41.00	1.2	
KLM	148.50	167 ePKP	16	45.40	4.8X	
HYB	148.56	114 ePKP	16	38.00	-2.6X	
	1.0s	620.00nm				
		ePP	20	14.00		
DAV	148.75	214 iPKP+	16	40.00	-1.0	
BSI	149.04	154 (PKP)	16	47.00	5.5X	
AJM	149.76	96 iPKP	16	43.00	0.9X	
		iS	20	18.00		
KHC	150.05	73 PKP	16	43.20	0.6	
CGP	150.36	214 ePKPc	16	49.00	5.6X	
YSS	151.16	307 PKP	16	42.00	-1.6	
SNG	152.23	163 iPKPd	16	46.50	0.3X	
	1.7s	1846.15nm				
		eS	22	20.00		
FRU	152.32	82 PKP	16	46.00	0.4	
PLP	152.57	217 iPKPd	16	46.80	0.2	
SAP	152.89	299 PKP	16	45.00	-1.3	
NDI	152.91	93 iPKP	16	46.50	-0.3	
		ePP	19	58.00		
NRN	153.50	64 PKP	16	47.40	-0.3	
KSH	153.60	69 iPKPc	16	48.00	0.4	
		PP	20	42.00		
TSK	154.04	284 ePKP	16	48.80	0.7	
DDI	154.11	90 ePKP	16	49.00	0.5X	
		eS	20	42.00		
SRY	154.66	282 ePKP	16	48.80	-0.2	
OYM	154.67	282 ePKP	16	47.90	-1.1	
DDR	154.76	283 ePKP	16	47.90	-1.3	
MAT	155.59	284 ePKP	16	48.00	-2.2X	
VAR	156.32	105 ePKP	16	51.00	-0.5X	
		eS	20	28.00		
QCP	157.45	214 ePKP	16	50.50	-2.6X	
MAN	157.47	214 ePKP	16	57.00	3.8X	
BOK	157.78	112 ePKP	16	53.00	-0.4X	
		iS	21	07.00		
BAG	159.22	215 ePKPc+	16	53.50	-1.9	
CVP	159 70	220 ePKPc	16	56.00	0.4X	
		eS	17	49.00		
SHK	159 94	278 ePKPc	16	54.40	-1.1	
NST	160.17	156 iPKPc	16	55.50	-0.6	
MDJ	160.60	309 iPKPc	16	54.50	-1.3	
		sPKP	17	08.00		
		e	17	33.00		
		PKS	20	26.00		
		PP	21	14.00		
		PPP	24	58.00		
		SKKS	28	00.00		
PIP	160.84	218 ePKPd	17	12.00	15.3X	
WMQ	161.27	53 iPKPc	16	57.00	0.4	
		pPKP	17	06.00		
		e	17	42.00		
		sPKP	17	58.00		
		PP	21	23.00		
		SKKS	28	08.50		
		SS	41	29.00		
IRK	161.63	8 PKP	16	55.40	-1.2	
LOE	162.31	159 ePKP	16	57.50	-0.8	
CHTO	162.58	149 ePKP	16	58.50	0.0	
	1.5s	67.57nm				
MYK	162.60	242 ePKP	17	02.00	3.6X	
CN2	163.61	311 iPKPc	16	57.00	-1.8	
		e	17	53.00		
		PP	21	34.00		
		PPP	25	23.00		
		iSKKS	28	14.00		
		SS	41	57.00		
SEO	164.54	288 iPKP+	16	59.50	-0.4	
	Z 20s	99.29um				
		e	18	08.00		
LSA	164.72	102 iPKPc	17	01.20	0.3	
		iPP	17	58.00		
QIZ	164.90	185 iPKPc	17	01.00	0.2	
		sPKP	17	15.50		
		e	18	02.00		
		PP	21	51.00		
ANP	165.52	235 iPKP+	17	02.00	0.8	
		eS	28	54.00		
SNY	165.78	307 iPKPc	17	00.00	-0.8	
		sPKP	17	14.50		
		e	18	02.50		
		PP	21	50.00		
		SKKS	28	32.00		
		e	42	24.00		
HKC	167.16	205 iPKP	17	04.00	1.5	
		iPP	22	00.00		
QZH	167.25	227 iPKPc	17	03.00	0.6	
		e	18	13.00		
		ePP	22	00.00		
GZH	168.17	203 iPKPc	17	04.00	0.9X	
		i	18	10.80		
		iPP	22	04.00		
		SS	42	50.00		
SSE	168.79	258 iPKP+	17	02.50	-0.8	
KMI	169.77	150 PKPc+	17	04.50	0.1	
	8.0s	10.20nm				
		pPKP	17	31.00		
		sPKP	17	53.00		
NJ2	170.97	260 iPKPc	17	04.00	-0.4	
		i	18	30.00		
		PKS	20	32.00		
		PP	22	23.00		
		iPPP	26	29.00		
GTA	171.34	50 iPKPc	17	05.00	0.4	
		sPKP	17	21.20		
		e	18	26.50		
		PP	22	17.80		
BJI	171.43	316 iPKP+	17	06.00	1.6	
GYA	172.21	169 PKPc	17	05.00	-0.3	
		sPKP	17	19.00		
		PP	22	14.00		
TIA	172.55	289 iPKP	17	05.00	0.0X	
		sPKP	17	21.10		
		e	18	35.00		
		PP	22	30.50		
HHC	172.83	340 iPKPc	17	06.10	1.0	
		e	18	32.00		
		PP	22	28.00		
		SKKS	29	14.00		
BTO	173.41	349 ePKP	17	05.90	0.6	
WHN	173.81	236 iPKPc	17	05.50	-0.1	
		e	18	44.50		
		PP	22	41.00		
		iSKKS	29	21.00		
CD2	174.94	128 iPKPc	17	07.00	0.9	
		e	18	42.00		
		PP	22	36.00		
		SS	43	48.00		
TIY	175.14	319 iPKPc	17	05.50	-0.5	
		e	18	44.50		
		PP	22	35.50		
LZH	175.80	61 PKPc+	17	07.00	0.7	
XAN	179.54	259 PKPc	17	06.00	-0.6	
		sPKP	17	21.50		
		e	19	05.00		
		PP	22	54.50		
		PPP	27	19.50		

S.D. = 1.1 on 356 of 471 obs.

* APR 09, 1985 03h 02m 14.17± 0.57s
38.184 N ± 9.4km 72.787 E ±10.6km
DEPTH = 33.0km (normal)
4.6mb (8 obs.)
TAJIK SSR (715)

QUE	9.32	213 eP	04	31.50	2.0
		eS	06	10.00	
NDI	10.17	157 eP	04	44.00	3.1X
MHI	10.76	264 eP	04	47.00	-2.2
		eS	06	35.00	
KKN	14.73	131 eP	05	40.80	-1.3
	0.5s	22.00nm			4.8mb
DMN	14.76	132 eP	05	42.60	0.1
	0.4s	22.00nm			4.9mb
PKI	14.97	131 eP	05	44.40	-0.9
	0.4s	19.00nm			4.8mb
HYB	21.30	165 eP	07	02.00	1.7
GBA	24.83	169 Pc	07	33.60	-1.2
	0.5s	4.70nm			4.3mb
KJF	37.15	329 eP	09	21.00	-2.2
SUF	37.28	326 iP	09	25.20	0.9
	0.6s	4.70nm			4.5mb
NUR	37.33	323 iP	09	25.00	0.2
SOD	38.84	334 eP	09	40.00	2.6X
BRG	42.72	307 i(P)	10	10.00	0.4
	1.0s	10.00nm			4.5mb
NB2	43.92	322 P	10	19.00	-0.2
	0.8s	3.30nm			4.2mb
MBC	65.59	3 eP	12	57.00	0.7
	0.6s	5.00nm			4.8mb
INK	72.03	10 eP	13	37.00	0.8
YKA	79.49	3 eP	14	19.50	1.1
WRA	81.70	123 Pc	14	42.00	11.2X
	0.3s	0.40nm			
WB2	81.71	123 eP	14	42.00	11.2X

S.D. = 1.4 on 15 of 19 obs.

& APR 09, 1985 03h 23m 24.70s
36.212 N 120.283 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.7 (BRK), 3.7 (PAS).
Felt (V) at Coalinga.

PRI	0.32	257 iPc	23	31.00	-0.1
PHAM	0.39	194 P	23	32.10	-0.4
LLA	0.67	307 eP	23	36.50	-1.6
PRS	0.89	278 ePc	23	40.30	-1.9
FRI	0.91	31 iPd	23	39.80	-2.7
SLD	1.14	319 P	23	44.00	-2.6
ARN	1.51	319 P	23	49.90	-2.6
WKTM	1.55	105 P	23	50.20	-2.9
MHC	1.57	316 eP	23	50.40	-3.0
BLP	1.65	183 P	23	51.70	-2.7
SYP	1.70	171 eP	24	16.70	21.4
JAS1	1.71	356 iPc	23	53.10	-2.3
		iS	24	15.10	
VPEM	2.01	97 P	23	58.50	-1.4
PCC	2.12	308 eP	23	58.50	-2.7
CLC	2.21	99 eP	24	02.00	-0.7
		eS	24	30.80	
BKS	2.28	317 eP	24	02.00	-1.6
BRK	2.29	317 eP	24	01.00	-2.7
ZSP	2.34	318 eP	24	02.10	-2.3
MNA	2.79	37 P	24	09.30	-1.7
SDW	3.07	120 P	24	11.00	-3.9
ORV	3.47	344 eP	24	18.40	-2.1
MIN	4.26	346 eP	24	31.00	-0.8
EUR	4.72	45 iP	24	37.20	-1.3
	0.2s	10.61nm			
BMN	4.85	29 P	24	38.00	-2.2

24 obs. associated

? APR 09, 1985 03h 31m 03.10± 0.86s
39.206 N ±12.7km 46.598 E ±13.4km
DEPTH = 33.0km (normal)
4.2mb (5 obs.)
N.W. IRAN-USSR BORDER REGION (344)
Minor damage at Zangelan, USSR.

TAB 1.16 191 iPd 31 23.30 0.1
MSL 3.93 225 eP 32 06.00 3.4X
e 32 14.00
i 33 16.00
KER 4.86 175 eP 32 32.00 16.0X
TEH 5.15 131 eP 32 32.00 12.0X
BHD 6.18 197 eP 33 01.20 26.7X
MHI 10.62 102 eP 33 36.00 -0.1
eS 35 34.00
JOS 20.88 305 eP 35 45.90 1.3
KSP 24.20 309 eP 36 20.00 2.6X
PRU 25.06 306 eP 36 32.00 6.3X
NUR 25.36 334 eP 36 32.00 3.7X
KBA 25.36 299 iP 36 35.50 6.7X
0.7s 10.20nm 4.5mb
i 36 38.80
KHC 25.50 304 P 36 28.00 -1.9
i 36 34.10
BRG 25.64 308 eP 36 37.60 6.5X
CLL 26.32 308 e(P) 36 43.00 5.6X
SUF 26.60 339 eP 36 44.00 4.2X
0.6s 2.50nm 4.0mb
KJF 27.40 342 eP 37 02.00 14.8X
HFS 29.36 326 (P) 37 05.40 0.5
0.5s 1.80nm 4.1mb
N82 30.88 327 P 37 18.40 0.0
0.8s 2.70nm 4.1mb
BNG 42.94 223 ePd 39 04.70 4.0X
1.0s 7.90nm 4.4mb
S.D. = 1.3 on 6 of 19 obs.

& APR 09, 1985 03h 42m 28.60s
36.208 N 120.282 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.2 (BRK), 3.4 (PAS).

PRI 0.32 258 iPc 42 35.00 0.0
PHAM 0.38 194 P 42 36.10 -0.2
LLA 0.67 308 eP 42 40.40 -1.6
PRS 0.89 278 ePc 42 44.20 -1.9
FRI 0.91 30 iPd 42 43.60 -2.8
SLD 1.15 319 P 42 48.70 -1.9
ARN 1.52 319 P 42 54.40 -2.1
WKTM 1.55 105 P 42 54.10 -2.8
MHC 1.57 316 eP 42 54.20 -3.1
GCC 1.60 301 eP 42 54.70 -3.0
BLP 1.65 183 P 42 55.40 -2.9
SYP 1.70 171 eP 42 56.90 -2.2
eS 43 20.60
JAS1 1.72 356 iPd 42 56.80 -2.5
iS 43 19.30
VPEM 2.01 97 P 43 02.40 -1.4
BKS 2.28 317 eP 43 10.50 3.0
EUR 4.73 45 iP 43 41.50 -1.0
0.2s 6.14nm
BMN 4.85 29 P 43 42.60 -1.6
17 obs. associated

• APR 09, 1985 04h 03m 24.04± 0.86s
14.980 N ±11.4km 143.220 E ±15.9km
DEPTH = 33.0km (normal)
3.6mb (1 obs.)
MARIANA ISLANDS REGION (215)

GUMO 2.11 131 iPc 03 58.10 0.3
eS 04 12.00
PJG 2.11 131 iPc 03 58.20 0.4
GUA 2.18 131 iPc 03 57.90 -0.8
WB2 35.78 194 eP 10 22.30 0.0
WRA 35.79 194 P 10 26.00 3.7X
0.7s 0.60nm 3.6mb
INK 73.71 23 eP 14 56.00 -0.1
YKA 82.37 27 eP 15 44.00 0.2
YKC 82.43 27 eP 15 44.00 -0.1
S.D = 0.5 on 7 of 8 obs.

• APR 09, 1985 04h 22m 50.40± 1.92s
45.958 N ±11.0km 143.061 E ±12.3km
DEPTH = 308.3 ± 21.9 km
4.1mb (13 obs.)
HOKKAIDO, JAPAN REGION (224)

MAT 10.09 203 eP 25 11.00 0.6
IMA 38.54 36 eP 29 44.50 -0.4
PME 40.99 42 eP 30 04.30 -0.6
0.6s 3.70nm 3.8mb

COL 41.07 37 eP 30 04.30 -1.1
YKA 55.57 33 eP 31 55.80 -0.3
KJF 59.10 333 eP 32 08.00 -12.5X
SUF 60.63 332 iP 32 30.20 -0.7
0.3s 4.10nm 4.4mb
PNT 61.08 48 eP 32 34.00 -0.1
0.6s 3.00nm 4.0mb
NUR 62.72 331 iP 32 44.10 -0.5
0.5s 12 30nm 4.8mb
NEW 63.03 48 eP 32 47.00 0.0
FFC 65.62 35 iPc 33 23.40 20.0X
0.7s 7.00nm
WB2 66.06 189 eP 33 05.20 -1.2
WRA 66.06 189 Pd 33 05.90 -0.5
0.5s 1.10nm 3.8mb
NB2 66.46 337 P 33 08.60 0.0
0.6s 2.10nm 4.0mb
HFS 66.49 335 eP 33 08.40 -0.4
0.4s 3.60nm 4.5mb
BMN 68.10 54 eP 33 20.00 0.8
0.8s 1.91nm 3.9mb
EUR 69.45 54 iP 33 28.00 0.4
0.7s 3.28nm 4.2mb
BDW 70.64 48 eP 33 34.90 0.2
1.0s 3.80nm 4.1mb
KBA 77.39 327 iPd 34 15.00 2.1
0.5s 8.60nm 4.8mb
ALQ 78.00 52 eP 34 16.80 0.3
1.0s 3.00nm 4.0mb
LTX 83.77 54 eP 34 47.90 1.5
1.0s 2.00nm 3.9mb
S.D. = 0.9 on 19 of 21 obs.

• APR 09, 1985 04h 53m 20.21± 1.17s
41.327 N ±15.8km 23.070 E ± 7.7km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

VAY 0.38 269 iPg 53 27.40 -0.5
iSg 53 32.60
MMB 0.56 62 iPgc 53 31.00 -0.6
Sg 53 40.00
VTS 1.28 4 iPgc 53 44.00 0.2
iSg 53 58.00
PLD 1.45 57 eP 53 47.00 0.6
iS 54 08.00
OHR 1.73 264 ePn 53 51.00 0.5
KDZ 1.74 79 iPc 53 53.00 2.3X
iS 54 18.00
PVL 2.40 40 eP 54 00.00 -0.1
S.D. = 0.6 on 6 of 7 obs.

APR 09, 1985 04h 55m 23.23± 0.91s
6.665 S ± 4.8km 147.925 E ± 6.8km
DEPTH = 65.4 ± 8.6 km
5.1mb (18 obs.)
EAST PAPUA NEW GUINEA REGION (207)

PMG 2.83 196 eP 56 07.00 0.0
MOM 4.62 354 eP 56 30.00 -2.2
PAA 7.53 88 eP 57 05.00 -7.8X
JAY 8.29 299 ePd 57 25.50 2.2
SVO 12.03 103 eP 58 15.00 0.9
eS 00 07.00
CTA 13.44 187 iPc 58 33.20 0.6
1.2s 35.16nm 4.9mb
CTAO 13.44 187 eP 58 33.10 0.5
ISQ 16.15 209 iPd 59 08.40 0.8
0.5s 113.00nm 5.3mb
WB2 18.65 224 eP 59 37.00 -1.6
WRA 18.66 224 Pc 59 37.70 -0.9
0.8s 51.10nm 4.8mb
AAI 19.87 278 ePd 59 51.70 -0.2
KNA 20.83 243 eP 00 01.00 -0.8
0.6s 149.00nm 5.5mb
ASPA 21.62 217 iPd 00 09.60 -0.2
0.5s 271.00nm 5.9mb
eS 04 09.00
eScS 11 30.00
COO 24.08 172 iPc 00 34.10 0.3
0.5s 12.00nm 4.6mb
CMS 24.77 184 eP 00 40.00 -0.3
YOU 27.48 179 eP 01 06.30 1.0
WBN 28.10 224 eP 01 11.00 0.0
0.5s 3.00nm 4.2mb
CAN 28.53 178 eP 01 14.10 -0.7
WAM 29.40 178 eP 01 22.00 -0.6

ADE 29.42 196 iPd 01 22.40 -0 4
MBL 30.76 239 eP 01 34.00 -0.8
MEK 34.28 231 eP 02 05.00 -0 4
NAU 35.00 240 eP 02 12.00 0.4
0.5s 36.00nm 5.6mb
TAU 36.10 181 eP 02 21.00 0.4
KLB 37.53 225 iPd 02 32.80 0.0
0.5s 84.00nm 5.9mb
MRWA 37.54 229 iPd 02 33.00 0.1
0.5s 35.00nm 5.5mb
NWAO 38.67 223 eP 02 43.00 0.7
0.7s 25.00nm 5.2mb
MUN 38.84 225 iPd 02 44.20 0.4
RKG 39.49 222 iPc 02 52.80 3.6X
MSZ 41.68 158 P 03 07.00 0.0
MAT 43.93 349 eP 03 28.00 2.6
PPI 47.81 275 ePc 03 56.00 -0.5
0.7s 64.40nm 5.7mb
IPM 48.13 282 ePc 03 59.20 0.2
PSI 49.79 279 ePc 04 11.50 -0.3
TIA 51.52 328 eP 04 28.20 3.6X
NST 52.27 296 eP 04 30.00 -0.5
KMI 54.13 307 eP 04 47.50 3.1X
CHTO 54.51 299 eP 04 48.00 1.0
1.1s 2.65nm 4.2mb
BJI 54.93 330 P 04 54.00 4.3X
CD2 56.39 314 eP 05 02.40 1.9
GTA 63.84 320 eP 05 50.10 -1.2
PKI 69.28 303 eP 06 29.00 2.7
0.6s 5.00nm 4.6mb
KKN 69.46 303 eP 06 26.60 -0 6
0.6s 6.00nm 4.7mb
DMN 69.54 303 eP 06 27.40 -0.4
0.6s 12.00nm 5.0mb
GBA 72.80 286 Pc 06 47.00 -0.2
0.8s 11.10nm 4.8mb
WMQ 73.89 319 eP 06 57.00 3.8X
SPA 83.38 180 iPd 07 44.50 0.0
0.9s 14.55nm 5.0mb
e 08 02.00
COL 85.44 23 eP 07 52.00 -2.6
QUE 85.57 301 eP 07 55.20 -1.1
INK 91.94 21 eP 08 13.00 -12.4X
KHC 122.89 326 ePKP 14 13.00 -0.6
e 14 29.00
CCH 138.72 126 ePKP 14 45.00 0.0
TIO 146.49 319 iPKP 15 04.00 6.0X
i 15 11.00
VAO 147.11 154 ePKP 14 59.40 0.3
e 15 18.10
KIC 152.84 271 e(PKP)15 15.20 7.3X
S.D. = 1.1 on 46 of 55 obs

• APR 09, 1985 05h 08m 40.79± 0 62s
23.751 S ± 6 8km 66.752 W ±14 5km
DEPTH = 217.0 ± 8.9 km
4.2mb (2 obs.)
JUJUY PROVINCE, ARGENTINA (128,

SLA 1.50 131 ePc 09 17.60 1.1
S 09 45.00
YJA 1.95 36 iPc 09 21.00 0.0
S 09 51.00
VCA 5.14 194 ePd 09 58.50 0.4
CCH 6.36 5 P 10 13.60 -0.4
S 11 24.70
LPB 7.29 350 Pd 10 26.00 -0.1
1.0s 30.00nm 4.4mb
S 11 46.00
ZOBO 7.55 350 eP 10 29.20 -0.4
TCA 7.80 166 ePc 10 30.90 -1.4
S 11 55.00
VAO 18.18 92 eP 12 39.80 -0 1
ALQ 69.46 326 eP 19 27.20 -0 5
0.8s 2.24nm 3.9mb
YKA 93.97 340 eP 21 35.90 1 5
S.D. = 1.0 on 10 of 10 obs

APR 09, 1985 05h 15m 35 93± 0 48s
34.092 N ± 3.0km 140 719 E ± 3 6km
DEPTH = 43.6 ± 4.6 km
5.2mb (47 obs.) 5.8Msz (4 obs
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Yokohama and on
Oshima. Felt (I JMA) at Ajiro,
Mishima, Toteyama, Tokyo and on
Hachijo-jima.

09d 05h

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 20C
Centroid Location:
Origin Time 05:15:42.0 0.7
Lat 33.70N 0.12 Lon 140.74E 0.09
Dep 10.0 FIX Half-duration 4.0
Moment Tensor; Scale 10**25 D-CM
Mrr= 0.57 0.09 Mtt= 0.33 0.10
Mff=-0.91 0.12 Mrt=-1.35 0.23
Mrf= 1.17 0.32 Mtf= 0.69 0.11
Principal Axes:
T Val= 1.88 Plg=51 Azm=197
N 0.34 20 314
P -2.22 32 57
Best Double Couple:Mo=2.1*10**25
NP1:Strike=194 Dip=23 Slip= 152
NP2: 310 80 70

TAT 1.13 322 Pc 15 55.70 0.1
iS 16 10.30
KYS 1.20 337 iPc 15 56.10 -0.4
HJJ 1.26 218 iPd 15 59.50 2.2
iS 16 19.00
OSH 1.29 301 P 15 58.70 0.8
S 16 13.70
YOK 1.60 327 Pc 16 03.40 1.2
iS 16 22.80
CHO 1.63 4 Pd 16 02.60 0.0
iS 16 21.70
AJI 1.64 306 Pc 16 03.50 0.7
eS 16 24.00
TOK 1.78 334 eP 16 05.00 0.3
S 16 25.40
MIS 1.79 305 P 16 06.00 1.1
eS 16 29.00
OYM 1.80 318 eP 16 04.90 -0.1
SRY 1.92 322 iPc 16 06.60 -0.2
SHZ 2.10 295 Pc 16 11.70 2.4
eS 16 31.00
TSK 2.17 347 eP 16 08.60 -1.7
DDR 2.28 327 iPc 16 11.00 -0.9
MIT 2.29 355 Pd 16 11.00 -1.0
S 16 40.00
KMG 2.32 332 P 16 12.50 0.0
eS 16 42.00
KOF 2.37 312 eP 16 14.00 0.8
S 16 38.50
UTS 2.54 344 eP 16 15.00 -0.6
S 16 44.20
HMM 2.55 285 eP 16 17.00 1.2
e 16 56.70
MAE 2.67 330 eP 16 17.00 -0.5
IID 2.76 302 eP 16 22.00 3.2X
iS 16 54.20
ONA 2.85 3 eP 16 18.00 -2.0
eS 16 49.00
MAT 3.19 321 iPc 16 24.90 0.0
eS 17 01.00
NAG 3.27 290 eP 16 34.00 8.0X
eS 17 16.00
NGN 3.29 322 P 16 28.50 2.2
iS 17 09.20
GIF 3.51 293 eP 16 36.00 6.7X
eS 17 18.00
TKD 3.62 327 eP 16 33.00 2.1
S 17 18.70
FKS 3.66 357 eP 16 30.00 -1.5
S 17 17.60
HIK 3.87 289 eP 16 42.00 7.6X
S 17 36.10
TOY 3.88 313 eP 16 37.00 2.5
NII 4.04 341 P 16 38.20 1.3
S 17 26.10
KAN 4.13 308 eP 16 42.00 3.8X
S 17 30.90
SEN 4.16 2 P 16 36.50 -2.1
S 17 21.00
YAM 4.16 356 eP 16 37.00 -1.6
eS 17 22.00
KYO 4.21 284 eP 16 43.00 3.6X
eS 17 36.00
ISN 4.35 6 Pd 16 38.70 -2.5
e 17 25.50
AIK 4.40 334 eP 16 42.00 0.0
e 17 32.00
KOH 4.62 279 eP 16 50.00 5.0X
e 17 44.00
MIY 5.63 10 eP 16 42.00 -17.3X
S 17 52.60
AKI 5.64 355 eP 16 59.00 -0.4
eS 18 03.00
MTS 6.44 284 eP 17 26.00 15.4X
eS 18 37.00
HAC 6.45 5 eP 17 06.00 -4.8X
eS 18 13.00
SHK 6.67 276 ePd 17 13.50 -0.4
CBI 7.09 169 eP 17 19.00 -0.8
eS 18 38.00
MDJ 13.57 324 eP 18 46.00 -1.8
sP 18 59.00
eS 21 15.00
sS 21 27.00
CN2 15.31 314 Pc 19 10.40 -0.2
PPP 19 30.40
iS 21 59.50
SS 22 16.00
SNY 15.55 305 eP 19 15.00 1.3
PPP 19 38.00
S 22 06.50
SS 22 26.00
SSE 16.73 265 eP 19 30.00 1.3
1.0s 33.00nm 4.4mb
Z 12s 12.90um
N 16s 21.60um
E 14s 13.80um
sP 19 48.00
eS 22 41.00
sS 22 57.00
PcS 27 48.00
ScS 32 58.00
NJ2 18.44 270 eP 19 48.00 -1.8
iPP 20 05.50
ANP 18.88 247 eP 20 10.00 14.6X
TIA 19.40 283 eP 20 03.20 2.0
sP 20 16.00
BJI 20.44 294 eP 20 12.00 0.0
epP 20 28.00 76kmX
eS 23 52.00
sS 24 14.00
GUMO 20.76 169 e(P) 20 16.70 1.2
eS 24 06.00
PJG 20.76 169 e(P) 20 16.50 1.0
GUA 20.81 168 eP 20 14.50 -1.6
WHN 22.54 268 P 20 35.00 1.7
PP 21 04.00
S 24 31.00
SS 25 14.00
TIY 23.16 287 eP 20 38.00 -1.4
S 24 46.00
CVP 23.50 231 eP 20 53.00 10.3X
HHC 24.03 295 eP 20 48.00 0.1
BTO 25.17 294 eP 20 58.30 -0.5
BAG 25.25 231 eP 20 54.00 -5.8X
XAN 26.29 279 P 21 07.00 -2.2
S 25 38.00
GZH 26.34 253 eP 21 09.00 -0.6
eS 25 31.30
PLP 26.98 216 iPc 21 13.50 -2.0
LZH 30.13 284 eP 21 41.00 -3.0X
N 17s 5.50um
GYA 30.28 265 eP 21 43.00 -2.3
PcP 24 45.00
CD2 31.23 275 eP 21 51.40 -2.1
GTA 33.00 291 P 22 07.50 -1.5
PP 23 14.50
PcP 24 53.00
ScP 28 32.10
ScS 32 26.10
KMI 34.05 265 eP 22 10.00 -8.4X
ADK 35.27 47 P 22 27.00 -1.2
JAY 36.41 180 ePc 22 31.00 -7.3X
AAI 39.39 200 ePd 23 02.00 -1.2
CHTO 40.08 259 eP 23 07.50 -1.5
WMQ 41.73 300 P 23 23.50 1.2
S 29 37.00
MKS 43.95 211 ePd 23 40.00 -0.5
IPM 47.09 240 ePc 24 05.60 0.0
TTA 48.17 33 P 24 14.10 0.6
BRW 49.34 22 eP 24 21.50 -0.8
IMA 49.52 29 eP 24 23.90 -0.1
KDC 49.74 40 P 24 23.80 -1.7
PSI 49.90 240 ePc 24 26.30 -1.0
0.6s 10.70nm 5.1mb
KNA 50.85 195 eP 24 34.00 -0.4
PPI 51.08 236 eP 24 22.00 -14.3X
KSH 51.15 296 P 24 38.00 1.3
S 31 55.00
eScS 34 24.00
PME 51.38 35 eP 24 37.00 -1.0
0.9s 20.80nm 5.1mb
COL 51.90 31 iP 24 42.70 0.8
0.8s 14.93nm 5.0mb
FBA 51.90 31 eP 24 41.30 -0.6
0.8s 9.40nm 4.8mb
NDI 53.72 283 iPc 24 54.20 -1.7
WRA 54.08 187 Pc 24 57.70 -0.7
0.6s 50.90nm 5.7mb
CTA 54.13 174 eP 24 58.00 -0.9
CTAO 54.13 174 eP 24 58.10 -0.8
0.7s 13.17nm 5.1mb
ISO 54.51 181 eP 25 01.00 -0.7
INK 57.28 26 eP 25 20.00 -1.0
HYB 57.59 270 eP 25 22.00 -2.0
1.0s 30.00nm 5.3mb
ASPA 57.80 187 iPc 25 24.60 -0.6
0.6s 86.00nm 6.0mb
eS 33 21.00
MBL 58.43 203 iPd 25 29.30 -0.3
MBC 59.50 16 eP 25 36.00 -0.5
0.5s 6.00nm 5.0mb
GBA 60.45 267 Pc 25 42.30 -1.4
0.9s 33.80nm 5.5mb
POO 60.95 274 iPc 25 45.00 -2.2
0.8s 74.63nm 5.9mb
NAU 61.22 207 iPd 25 49.10 0.4
0.5s 14.00nm 5.3mb
QUE 61.32 289 iPc 25 49.00 -0.7
WBN 61.39 194 iPc 25 50.60 0.7
BRS 62.21 168 iPc 25 55.10 -0.3
i 26 11.00
ALE 63.09 3 eP 26 00.50 -0.1
1.0s 45.00nm 5.5mb
pP 26 16.40 59kmX
MHI 64.46 298 eP 26 11.00 0.7
CMS 65.41 175 eP 26 16.00 -0.1
KEV 65.99 340 eP 26 28.00 8.5X
0.7s 17.40nm 5.2mb
Z 16s 6.70um 5.9MszX
i 26 33.60
eS 35 02.00
eScS 36 00.00
LR 58 40.00
YKA 66.64 29 eP 26 23.90 0.1
YKC 66.70 29 eP 26 24.00 -0.1
1.0s 22.00nm 5.2mb
MRWA 67.17 203 iPc 26 27.00 -0.5
SOD 67.46 338 iP 26 28.40 -0.5
YOU 68.39 173 iPc 26 35.60 0.6
DAG 68.66 355 iPd 26 35.90 -0.3
0.6s 13.33nm 5.1mb
ADE 68.72 182 iPc 26 37.20 0.1
KLB 68.82 201 iPc 26 37.30 -0.5
0.4s 13.00nm 5.3mb
KJF 68.92 334 iP 26 37.70 -0.3
0.8s 24.90nm 5.3mb
Z 20s 5.70um 5.8Msz
i 26 50.60
eS 35 36.00
LR 02 36.00
CAN 69.48 173 iPc 26 42.30 0.5
e 27 16.60
MUN 69.65 202 eP 26 43.00 0.2
NWAO 70.23 201 iPc 26 46.10 -0.2
0.5s 23.00nm 5.4mb
WAM 70.34 173 iPc 26 47.70 0.8
e 27 03.00
SUF 70.36 334 iP 26 45.90 -0.9
0.4s 4.20nm 4.8mb
PNT 70.69 43 eP 26 48.00 -1.1
0.8s 14.00nm 5.0mb
RKG 71.36 201 eP 26 57.00 3.8X
EDM 72.01 37 eP 26 56.50 -0.5
NUR 72.28 332 eP 26 57.00 -1.3
0.9s 13.50nm 4.9mb
Z 20s 4.90um 5.8Msz
eS 36 16.00
eScS 36 58.00
LR 05 10.00
NEW 72.65 43 eP 27 02.00 1.2
SHI 72.70 294 eP 27 00.00 -1.6

09d 05h

ORV		74.51	53	eP	27	12.40	0.6	EKA		85.71	340	P	28	12.00	0.8	DDR		6.17	1	eP	15	32.10	0.2
SES		74.79	39	eP	27	13.00	-0.2	VAY		85.87	318	eP	28	12.00	-0.3					e	16	44.00	
UPP		75.35	334	iP	27	15.70	-0.4	SKO		86.04	319	eP	28	14.50	1.3	TSK		6.45	8	eP	15	33.30	-1.5
SLD		76.01	55	P	27	12.40	-8.0X					iS	38	32.00		MAT		6.75	355	eP	15	39.00	0.9
MSL		76.04	304	eP	27	20.00	-0.5	KBA		86.39	327	iPc	28	16.20	1.2					eS	16	54.00	
JAS1		76.09	54	eP	27	22.20	1.4			0.7s		12.20nm			5.2mb	TIA		19.40	295	P	17	54.60	0.5
GDH		76.43	5	eP	27	18.00	-4.1X					i	28	34.20		TIY		23.39	297	P	18	32.30	0.5
FFC		76.49	32	eP	27	22.00	-0.7					i	28	53.50		HHC		24.85	304	eP	18	46.00	1.0
		0.9s		17.00nm			5.0mb					e	31	35.00		XAN		25.83	287	iPd	18	53.50	-0.3
HFS		76.53	336	eP	27	20.90	-1.9					i	31	54.80		GYA		28.66	271	P	19	18.60	-0.4
		0.5s		7.00nm			4.9mb	LHC		86.53	31	eP	28	15.50	0.1	LZH		30.04	291	eP	19	30.50	-0.5
LRM		76.66	43	eP	27	24.50	0.3	ENN		86.58	333	eP	28	16.00	0.4	CD2		30.35	281	iPd	19	34.60	1.0
NB2		76.68	337	P	27	21.90	-1.8			1.0s		21.00nm			5.3mb	LOE		36.15	259	eP	20	22.50	-0.2
		0.8s		20.20nm			5.2mb					e	28	22.50		CHTO		37.93	263	iPd	20	37.80	0.4
BMN		76.82	50	P	27	26.00	1.0	MEM		86.68	333	Pc	28	32.00	16.0X			0.8s		25.26nm			4.6mb
		1.0s		18.75nm			5.1mb	ALQ		86.92	49	eP	28	18.00	0.1	KGM		43.71	238	ePc	21	25.00	0.9
MNA		77.31	52	eP	27	29.60	1.8			1.0s		7.50nm			4.9mb	IPM		43.76	242	ePc	21	24.90	0.4
HPI		77.50	46	P	27	30.30	1.4	OHR		86.98	319	eP	28	17.60	-0.2	KNA		46.35	194	eP	21	44.00	-0.6
EUR		78.14	50	iP	27	33.50	1.0	GWF		87.36	331	eP	28	18.60	-0.9	PSI		46.57	242	iP	21	46.00	-0.4
		0.8s		5.01nm			4.6mb	WLF		87.38	332	Pc	28	21.00	1.5	PKI		46.71	281	eP	21	47.70	-0.1
SYP		78.23	56	eP	27	35.00	2.1	DOU		87.62	333	P	28	35.30	14.6X			0.8s		32.00nm			4.7mb
CLC		79.14	54	eP	27	38.00	0.3		Z	29s		4.90um			5.8MszX	KKN		46.76	281	iPd	21	48.40	0.4
SBB		79.62	55	eP	27	41.00	0.6	CTI		87.93	327	eP	28	21.50	-0.9	DMN		46.96	281	eP	21	50.00	0.4
PAS		79.68	56	eP	27	40.00	-0.6	CDF		87.95	331	eP	28	28.00	5.6X			0.7s		44.00nm			4.9mb
MWC		79.72	56	eP	27	41.00	-0.1	AOU		89.91	324	e(P)	28	40.00	8.2X	WB2		49.67	186	iPd	22	08.30	-1.5
FRB		79.76	13	eP	27	40.00	-0.4	GRC		90.50	333	ePc	28	35.40	1.1	NDI		53.33	285	eP	22	35.00	-1.7
GSC		79.96	54	eP	27	43.00	0.8	SSF		90.53	332	eP	28	34.50	0.0	MBL		53.93	202	iPd	22	40.00	-1.0
BDW		80.13	45	P	27	43.30	0.1			0.9s		7.20nm			5.0mb	COL		56.33	29	eP	22	57.00	-0.4
		0.9s		7.69nm			4.7mb	AVF		90.81	332	eP	28	36.00	0.2			0.8s		13.81nm			4.4mb
COP		80.29	333	iP	27	43.90	0.5			0.8s		7.30nm			5.1mb					pP	24	26.00	433kmX
RVR		80.31	56	eP	27	45.00	1.0	GRR		91.00	336	eP	28	37.00	0.4	WBN		56.89	193	iPc	23	01.80	0.1
PLM		81.03	56	eP	27	48.00	0.0			0.8s		11.30nm			5.3mb	GBA		58.80	268	P	23	14.40	-0.7
TPC		81.15	55	eP	27	48.00	-0.5	BGF		91.20	332	eP	28	36.70	-0.9	POO		59.81	275	iPd	23	22.00	0.1
KRA		81.21	326	ePd	27	49.20	0.8	LPF		91.37	335	eP	28	38.70	0.4	INK		61.76	25	eP	23	33.00	-1.0
		1.0s		30.00nm			5.2mb			0.9s		16.30nm			5.4mb	MBC		64.01	15	eP	23	48.00	-0.5
	Z	20s		5.00um			5.9Msz	MZF		91.58	332	eP	28	40.00	0.6			0.5s		7.00nm			4.5mb
	N	20s		4.40um				LSF		91.96	333	eP	28	41.20	0.1	YOU		64.36	171	eP	23	51.20	0.1
	E	20s		4.10um						0.8s		9.20nm			5.3mb	CAN		65.46	171	eP	23	59.20	1.0
				e	27	52.30		LTX		92.37	52	eP	28	45.00	1.6	WAM		66.31	171	eP	24	04.10	0.8
				e	27	57.60				1.1s		6.35nm			5.0mb	ALE		67.44	3	eP	24	10.00	0.2
				e	37	56.00		TUL		92.63	43	e(P)	28	44.00	-0.4			0.8s		7.00nm			4.4mb
BAR		81.55	56	eP	27	53.00	2.5			0.8s		13.30nm			5.4mb	YKA		71.09	28	eP	24	31.70	-0.3
SPC		81.67	325	e(P)	28	08.20	17.2X	CAF		92.86	332	eP	28	45.90	0.6	YKC		71.15	28	iPc	24	31.50	-0.9
CMP		81.89	320	ePd	27	50.00	-2.1			1.3s		14.40nm			5.2mb			0.6s		10.00nm			4.6mb
JOS		82.00	325	eP	27	52.60	0.1	JCT		94.07	49	eP	28	51.10	0.0	PGC		72.88	43	eP	24	43.00	0.4
MSZ		82.20	161	P	27	54.00	0.7	BHO		94.26	43	e(P)	28	51.50	-0.4	SUF		73.53	334	iP	24	45.80	-0.4
KSP		82.30	328	eP	27	54.00	0.0	MTD		114.88	266	ePKP	34	30.00	15.8X	PNT		74.83	42	eP	24	54.00	0.2
				e	28	01.00		BUL		118.97	264	iPKPd	34	22.00	0.0			0.9s		12.00nm			4.6mb
				e	31	19.00		SLR		121.78	259	ePKP	34	27.20	0.0	NUR		75.37	332	eP	24	57.00	0.5
RSSD		82.41	41	eP	27	56.50	1.5	BPI		122.17	258	e(PKP)	34	25.00	-3.0X	EDM		76.31	36	eP	25	01.50	-0.4
		1.5s		12.25nm			4.7mb	SPA		123.91	180	e(PKP)	34	30.40	0.4	NEW		76.78	42	eP	25	05.00	0.4
GLA		82.60	55	eP	27	56.00	0.0	ARE		146.19	67	ePKP	35	15.00	2.1X	APO		79.45	336	eP	25	18.00	-0.8
RSON		82.79	31	eP	27	56.30	-0.3	ZOBO		148.60	63	ePKP	35	17.00	-0.1			0.5s		3.70nm			4.3mb
HRI		82.82	305	P	27	59.00	1.7			1.0s		9.50nm				JAS1		79.84	52	eP	25	21.90	0.8
PVL		83.21	318	eP	28	00.00	1.1	CCH		150.76	62	PKP	35	27.00	7.0X			0.7s		3.60nm			4.2mb
BRG		83.29	329	eP	28	00.00	0.9	YJA		154.08	70	ePKPd	35	26.80	1.9X	NB2		80.04	337	P	25	21.40	-0.3
		2.2s		68.00nm			5.3mb			S.D. = 1.1		on 188 of 219 obs.						0.4s		0.90nm			3.8mb
				i	28	15.80										BMN		80.71	49	eP	25	26.90	1.1
CLL		83.36	330	eP	27	59.00	-0.5			APR 09, 1985 05h 49m 08.12± 5.10s								0.8s		5.59nm			4.3mb
		1.9s		25.00nm			5.0mb			34.278 S ±45.9km 71.193 W ±16.3km						FFC		80.90	31	eP	25	26.00	-0.2
				e	28	15.00				DEPTH = 33.0km (normal)								0.6s		4.00nm			4.3mb
				eS	38	14.00				NEAR COAST OF CENTRAL CHILE (135)						EUR		82.02	49	iP	25	33.60	0.9
PRU		83.69	328	eP	28	02.00	0.8											0.2s		24.56nm			5.6mb X
				e	28	17.80		LNV		0.37	331	iPc	49	16.70	-0.1	CLC		82.86	53	eP	25	37.00	0.3
DIM		83.70	317	eP	28	02.00	0.6					iS	49	23.90		SBB		83.29	54	eP	25	39.00	0.1
ZST		83.84	326	e(P)	28	03.50	1.5	RFA		2.30	103	iPd	49	55.40	10.8X	PAS		83.32	55	eP	25	40.00	1.0
JER		84.08	304	eP	28	04.00	0.4	MDZ		2.40	55	eP	49	52.20	6.2X	MWC		83.36	54	eP	25	39.00	-0.5
KDZ		84.10	317	iPd	28	05.00	1.5					eS	50	30.30		GSC		83.68	53	eP	25	41.00	0.1
MOX		84.43	330	eP	28	05.00	0.0	RTCB		3.44	37	ePd	50	00.30	-0.5	RVR		83.97	54	eP	25	42.00	-0.2
		1.5s		17.00nm			4.9mb					S	50	49.00		BDW		84.21	44	eP	25	44.00	0.4
	Z	21s		3.50um			5.7Msz	RTLL		3.73	39	ePc	50	04.40	-0.4			0.9s		5.13nm			4.3mb
	E	28s		4.40um								S	50	55.30		FRB		84.25	12	eP	25	42.00	-1.0
				e	28	22.00		VCA		6.08	26	ePd	50	39.00	0.7	PLM		84.67	55	eP	25	46.00	0.0
				eS	38	20.00						S	51	46.00		TPC		84.84	54	eP	25	46.00	-0.6
				eSS	43	45.00		TCA		6.28	64	ePc	50	41.20	0.2	GLA		86.27	54	eP	25	54.00	0.4
SOP		84.47	326	eP	28	05.00	-0.2					S	51	58.00		RSSD		86.60	40	eP	25	55.60	0.4
GLD		84.58	45	eP	28	08.00	1.9			S.D. = 0.7		on 5 of 7 obs.						0.6s		3.10nm			4.3mb
		1.6s		44.44nm			5.3mb									RSON		87.21	30	eP	25	57.30	-0.3
VTS		84.66	319	iPc	28	07.00	0.8			APR 09, 1985 06h 13m 56.10± 0.51s								0.6s		2.15nm			4.1mb
KHC		84.75	328	iPc	28	07.00	0.4			29.809 N ± 4.8km 138.996 E ± 4.0km						ALQ		90.84	48	eP	26	15.30	0.2
		0.8s		13.50nm			5.1mb			DEPTH = 414.9 ± 5.1 km								0.8s		9.33nm			4.8mb
				e	28	14.00				4.4mb (17 obs.)						ZOBO		151.72	68	ePKP	33	05.20	7.3X
				e	31	38.50				SOUTH OF HONSHU, JAPAN (211)								0.9s		7.14nm			
MMB		85.04	318	eP	28	09.00	0.8									LPB		151.89	68	ePKP	33	02.00	4.0X
PRNI		85.06	303	eP	28	10.00	1.5	KYS		5 46	10	eP	15	32.10	7.9X			S.D. = 0.7		on 62 of 65 obs			
IZM		85.09	314	eP	28	08.00	-0.5	OYM		5.60	2	eP	15	26.50	0.8								
GRF		85.33	330	eP	28	10.60	1.1	SRY		5.79	2	eP	15	27.10	-0.6	& APR 09, 1985 06h 25m 08.17s							

09d 06h

60.716 N 150.242 W
DEPTH = 44.8km
KENAI PENINSULA, ALASKA (14)
<AGS-P>

SLKM	0.21	177	iP	25 15.55	-0.6
			iS	25 21.90	
NKA	0.49	274	eP	25 19.90	0.9
			iS	25 30.75	
MPA	0.49	117	iP	25 18.36	-0.7
			iS	25 26.65	
PTE	0.62	75	iP	25 19.91	-0.7
			iS	25 28.84	
PMS	0.63	32	iP	25 20.20	-0.7
SEW	0.73	147	iP	25 21.17	-1.0
			iS	25 32.35	
SUA	0.79	342	iP	25 22.56	-0.6
			iS	25 34.33	
PWA	0.95	10	iP	25 24.94	-0.4
SPU	1.00	299	iP	25 25.38	-0.7
			iS	25 38.85	
BRLK	1.01	199	iP	25 24.98	-1.1
			iS	25 39.03	
PLRM	1.03	31	iP	25 25.84	-0.5
CGLM	1.04	305	iP	25 26.10	-0.6
RDT	1.06	263	iP	25 26.34	-0.8
CRP	1.08	301	eP	25 26.77	-0.6
PME	1.09	32	iP	25 26.79	-0.4
			iS	25 40.98	
KNK	1.11	50	iP	25 27.33	-0.3
			iS	25 42.38	
MSE	1.28	28	iP	25 29.24	-0.9
HLM	1.38	248	iP	25 30.83	-0.6
SKT	1.41	335	iP	25 32.12	0.3
SML	1.43	39	eP	25 31.40	-0.7
GLI	1.55	83	eP	25 32.17	-1.6
TTV	1.56	76	eP	25 33.15	-0.8
			eS	25 51.83	
SCM	1.80	50	eP	25 36.53	-0.8
VZW	1.84	78	eP	25 36.73	-1.1
FID	1.85	87	eP	25 35.54	-2.4
VLZ	1.95	76	eP	25 38.44	-1.0
			iS	26 01.36	
PDB	2.18	246	eP	25 42.48	-0.2
KLU	2.24	68	iP	25 42.39	-1.2
TOA	2.40	53	eP	25 46.49	0.6
SGAM	2.49	93	eP	25 45.75	-1.4
SVW	2.66	281	eP	25 48.46	-1.1
BALM	3.87	82	eP	26 04.06	-2.8
COL	4.35	14	eP	26 12.00	-1.4

33 obs. associated

APR 09, 1985 07h 19m 12.84± 0.42s
40.846 N ± 4.1km 23.691 E ± 3.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

SOH	0.26	265	iPgc	19 18.10	-0.2
SES	0.28	345	iPgd	19 18.80	0.1
OUP	0.56	156	iPgd	19 24.10	0.0
THE	0.59	249	ePgd	19 24.20	-0.6
			iSg	19 31.90	
KNT	0.68	298	ePg	19 25.30	-1.0
MMB	0.74	2	iPc	19 27.00	-0.4
			Sg	19 37.00	
PAIG	0.92	181	ePg	19 30.30	-0.1
			iSg	19 42.80	
VAY	0.97	300	iPn	19 30.70	-0.6
			iSn	19 46.30	
GRG	0.98	277	ePg	19 31.00	-0.5
LIT	1.18	231	e(Pg)	19 35.50	0.6
PLD	1.47	31	iPd	19 43.00	3.7X
			iS	20 06.00	
KDZ	1.48	57	iPc	19 40.00	0.5
			iS	20 00.00	
VTS	1.79	348	iPd	19 46.00	2.0
			iSg	20 09.00	
SKO	2.03	304	iPn	19 48.40	0.9
			i	19 52.10	
OHR	2.21	278	ePn	19 51.10	1.0
PVL	2.55	25	iPd	19 55.00	0.1
			iS	20 35.00	
JMB	2.71	52	eP	19 55.00	-2.2
DMK	3.21	71	ePn	20 05.00	0.7
EDC	3.22	98	ePn	20 11.00	6.6X
BNT	3.26	97	ePn	20 05.10	0.1
CLO	4.28	352	eP	20 19.00	-0.4
ISR	4.77	25	eP	20 30.00	3.5X
MLR	4.93	19	eP	20 32.00	3.2X

S.D. = 0.9 on 19 of 23 obs.

• APR 09, 1985 08h 19m 31.72± 1.29s
2.185 S ±18.8km 121.883 E ±15.5km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
SULAWESI (268)

MKS	3.86	219	ePc	20 29.80	-0.4
AAI	6.48	103	e(P)	21 18.60	11.3X
WRA	21.44	146	Pd	24 19.00	-0.4
	0 7s		3.50nm		3.9mb
WB2	21.45	146	eP	24 18.80	-0.7
IPM	21.90	288	ePd	24 28.60	4.6X
PSI	23.46	282	ePc	24 40.50	1.2
ASPA	24.32	152	eP	24 49.00	1.3
HYB	46.94	296	eP	28 00.50	-1.1

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

? APR 09, 1985 09h 42m 35.96± 4.51s
36.996 S ±35.8km 70.995 W ±42.0km
DEPTH = 10.0km (geophysicist)
4.3mb (1 obs.)
CHILE-ARGENTINA BORDER REGION (127)

LNV	3.05	353	iPc	43 23.90	-1.2
RTCB	5.79	19	ePd	44 11.00	7.0X
RTLL	6.03	21	ePc	44 14.00	6.7X
VBA	7.25	101	ePd	44 24.20	-0.3
TCA	7.74	45	ePc	44 51.00	19.5X
			S	46 17.80	
VCA	8.56	17	ePd	44 44.00	1.0
CYA	9.58	29	e(P)	44 43.00	-14.0X
YJA	15.52	19	e(P)	46 16.00	-1.0
CCH	20.00	14	eP	47 17.00	5.0X
ARE	20.46	359	e(P)	47 20.00	3.3X
LPB	20.54	8	Pc	47 18.00	0.2
ZOBO	20.80	8	eP	47 21.80	1.2
	1.1s		15.08nm		4.3mb

S.D. = 1.3 on 6 of 12 obs.

• APR 09, 1985 09h 50m 16.01± 1.64s
23.007 S ±11.4km 68.689 W ±17.8km
DEPTH = 139.1 ± 15.4 km
4.3mb (3 obs.)
NORTHERN CHILE (123)

YJA	3.06	75	ePc	51 05.80	1.0
CCH	6.09	24	eP	51 46.70	1.6
LPB	6.46	5	P	51 50.00	-0.4
			i	52 24.20	
ZOBO	6.72	5	eP	51 52.20	-1.9
	0.5s		3.25nm		4.0mb
TCA	9.06	157	ePd	52 24.60	-0.4
VAO	20.00	94	iP	54 39.70	-0.1
BAO	20.85	73	e(P)	54 48.00	-0.5
ITR	32.28	69	e(P)	56 33.00	-0.7
ALQ	67.86	327	eP	01 03.00	1.5
	0.9s		3.99nm		4.3mb
YKC	92.62	341	ePc	03 15.00	2.6X
	0.6s		5.00nm		4.9mb
YKA	92.67	340	eP	03 15.40	2.8X

S.D. = 1.4 on 9 of 11 obs.

APR 09, 1985 10h 24m 19.00± 0.88s
66.430 N ± 9.1km 149.746 W ± 7.1km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.6 (PMR).

IMA	1.63	259	iPc	24 48.40	0.4
COL	1.74	151	eP	24 49.00	-0.4
			i	24 52.10	
			eS	25 11.00	
FBA	1.74	151	eP	24 49.10	-0.3
TTA	4.43	220	eP	25 26.90	-0.9
TOA	4.61	159	eP	25 32.00	1.6X
PME	4.83	176	eP	25 33.70	0.3
DWY	4.95	114	P	25 33.00	-2.1X
PMS	5.21	179	eP	25 39.50	0.7
INK	6.54	66	eP	25 57.00	-0.5
YKA	15.51	88	eP	27 59.60	0.6

S.D = 0.7 on 8 of 10 obs.

• APR 09, 1985 10h 24m 20.16± 0.91s
7.156 S ±10.6km 123.224 E ±17.4km
DEPTH = 600.0 ± 25.1 km
4.7mb (6 obs.)
BANDA SEA (280)

AAI	6.03	55	eP	26 01.50	-0.6
MBL	14.30	193	iPc	27 22.30	0.9
	0.4s		83.00nm		5.4mb
WRA	16.67	141	Pd	27 44.90	0.5
	0.7s		5.30nm		4.1mb
WB2	16.68	141	eP	27 44.80	0.4
NAU	17.01	205	iPc	27 48.50	0.9
	0.5s		45.00nm		5.2mb
WBN	19.15	171	eP	28 08.00	0.4
	0.5s		13.00nm		4.7mb
ASPA	19.36	149	eP	27 59.00	-10.5X
MEK	19.86	192	eP	28 14.00	-0.1
MRWA	22.98	196	iPd	28 41.60	-0.7
	0.3s		5.00nm		4.6mb
KLB	24.84	191	iPd	28 58.20	-0.6
MUN	25.55	194	iPc	29 04.30	-0.7
NWAO	26.24	191	eP	29 10.00	-1.0
RKG	27.39	191	eP	29 26.00	5.0X
PKI	50.29	315	eP	32 25.90	0.5
	0.4s		9.00nm		4.6mb

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

& APR 09, 1985 11h 49m 34.00s
38.820 N 122.812 W
DEPTH = 2.0km (geophysicist)
NORTHERN CALIFORNIA (36)
<BRK>. ML 2.8 (BRK).

NWRM	0.37	189	eP	49 41.00	-0.3
ZSP	0.98	153	iPd	49 52.70	-0.6
BRK	1.04	155	eP	49 53.30	-1.1
BKS	1.05	154	eP	49 53.20	-1.3
			e	50 08.00	
ORV	1.26	54	eP	49 55.90	-2.2
PCC	1.36	165	eP	49 59.10	-0.8
MHC	1.74	148	eP	50 03.30	-2.3
WDC	1.77	7	e(P)	50 09.20	3.4
ARN	1.78	145	eP	50 03.70	-2.4
MIN	1.79	31	eP	50 04.30	-1.9
GCC	1.90	160	e(P)	50 17.00	9.3
JAS1	2.08	115	iPd	50 08.70	-1.7
SLD	2.15	144	eP	50 09.50	-1.9
WCN	2.43	77	eP	50 14.50	-1.1
LLA	2.65	145	e(P)	50 16.00	-2.6
EUR	5.36	81	iP	50 56.00	-1.2
	0.3s		1.15nm		4.0mb X

16 obs. associated

APR 09, 1985 11h 53m 36.61± 0.61s
17.052 N ± 8.0km 62.378 W ± 8.4km
DEPTH = 27.4 ± 5.9 km
3.9mb (1 obs.)
LEEWARD ISLANDS (92)

BPA	0.50	91	iPc	53 46.50	-0.4
			S	53 54.00	
SEG	1.06	128	ePd	53 55.70	0.1
PAG	1.22	147	ePc	53 58.00	0.1
			S	54 14.00	
MGG	1.52	138	eP	54 03.40	1.2
FDF	2.59	153	eP	54 17.80	0.1
			S	54 48.80	
CRM	2.68	148	eP	54 18.75	-0.2
BIM	2.82	153	eP	54 20.33	-0.5
MVM	2.86	150	eP	54 21.48	0.0
SJG	3.75	287	iPc	54 34.00	-0.1
ALQ	43.05	303	eP	01 36.00	-0.1
	0.8s		1.87nm		3.9mb
BDW	47.48	313	eP	02 11.80	0.4
YKA	57.98	334	eP	03 24.70	-4.2X
INK	67.32	338	eP	04 31.00	0.2

S.D. = 0.5 on 12 of 13 obs.

? APR 09, 1985 12h 11m 37.00± 2.34s
17.867 S ±15.4km 178.885 W ±17.5km
DEPTH = 655.2 ± 28.0 km
5.1mb (7 obs.)
FIJI ISLANDS REGION (181)

AFI	7.89	61	P	13 23.00	-14.6X
			S	14 54.00	
NOU	14.47	250	iPc	14 39.00	-0.2

09d 12h

COO 29.41 239 iP 16 53.00 0.2
0.5s 32.00nm 5.2mb
CAN 33.37 232 iPd 17 25.90 -0.1
YOU 33.45 234 eP 17 26.80 0.2
WAM 33.80 231 iPd 17 30.20 0.7
CMS 34.65 240 iPd 17 36.80 0.3
0.9s 61.00nm 5.2mb
TAU 37.97 222 eP 18 03.00 -0.4
WB2 44.18 260 eP 18 52.20 -0.5
WRA 44.19 260 Pc 18 52.70 -0.1
0.6s 16.30nm 4.6mb
ASPA 44.37 254 iPd 18 54.50 0.4
0.7s 265.00nm 5.8mb
KNA 50.03 264 eP 19 36.00 -0.5
WBN 50.93 251 iPd 19 43.20 0.2
0.4s 37.00nm 5.1mb
MBL 57.55 256 iPd 20 28.80 -0.3
0.4s 50.00nm 5.1mb
KLB 58.44 244 eP 20 34.00 -0.9
NWAO 58.83 242 iPc 20 38.00 0.5
MUN 59.74 243 eP 20 43.00 -0.5
NAU 61.33 254 iPc 20 55.10 1.2
0.5s 27.00nm 4.8mb
SPA 72.25 180 e(P) 21 59.20 -0.4
COL 85.87 13 eP 23 09.00 -1.2
YKA 94.48 25 eP 23 51.20 1.3
S.D. = 0.7 on 20 of 21 obs.

APR 09, 1985 12h 30m 43.97± 0.78s
16.995 N ± 8.0km 62.451 W ± 7.6km
DEPTH = 16.9 ± 7.0 km
4.3mb (2 obs.)
LEEWARD ISLANDS (92)

BPA 0.57 85 iPc 30 54.43 -0.7
S 31 12.30
SEG 1.08 123 iP 31 04.03 0.2
MLG 1.17 142 eP 31 04.15 -1.3
PAG 1.21 142 iP 31 06.00 -0.1
BTG 1.22 145 eP 31 06.20 0.0
SFG 1.41 121 iP 31 09.13 0.3
MGG 1.53 134 eP 31 11.26 0.8
S 31 32.00
MON 1.95 149 eP 31 16.50 -0.2
S 31 41.00
FDF 2.57 151 eP 31 26.59 0.9
S 31 57.80
CRM 2.67 146 eP 31 26.92 -0.1
BIM 2.80 151 eP 31 28.49 -0.4
MVM 2.85 148 eP 31 29.62 0.0
SJG 3.70 288 iPc 31 41.40 -0.3
ALO 43 03 303 eP 38 44.00 -0.7
1.0s 3.75nm 4.1mb
BDW 47.47 313 eP 39 19.90 -0.2
1.0s 4.40nm 4.5mb
YKA 58.00 334 eP 40 37.30 -0.6
INK 67.34 338 eP 41 42.00 2.1
S.D. = 0.8 on 17 of 17 obs.

? APR 09, 1985 14h 27m 24.39± 1.34s
4.333 S ±13.1km 136.333 E ±24.2km
DEPTH = 33.0km (normal)
3.7mb (1 obs.)
WEST IRIAN REGION (196)

KNA 13.57 213 iPd 30 38.90 1.9
eS 33 09.00
WB2 15.64 187 eP 31 02.70 -1.4
31 12.20
eS 33 58.90
WRA 15.64 187 Pc 31 02.70 -1.4
0.5s 2.50nm 3.7mb
CTA 18.40 149 eP 31 40.00 1.2
ASPA 19.36 187 eP 31 53.00 2.6X
eS 35 25.00
MBL 23.17 222 eP 32 35.00 5.9X
WBN 23.61 202 eP 32 39.00 5.6X
PKI 58.44 306 eP 37 20.20 0.1
KKN 58.63 306 eP 37 21.00 -0.3
OMN 58.70 306 eP 37 21.60 -0.2
ZOBO 148.31 131 ePKP 47 13.00 5.9X
0.8s 2.26nm
S.D. = 1.5 on 7 of 11 obs.

APR 09, 1985 14h 28m 05.39± 0.75s
36.261 N ± 7.2km 6.238 W ± 8.5km
DEPTH = 10.0km (geophysicist)

STRAIT OF GIBRALTAR (385)
SFS 0.20 7 iPgd 28 09.00 -0.8
iSg 28 12.00
MAL 1.54 72 iPnc 28 33.70 0.8
iSg 28 58.00
FAR 1.59 299 eP 28 34.00 0.4
CRT 2.31 66 iPnd 28 45.50 1.3
AFC 2.38 65 iP 28 45.60 0.4
AVE 3.11 198 iPn 28 56.00 0.6
iSn 29 36.50
PRL 3.17 344 eP 28 56.00 -0.4
iS 29 47.80
TOL 4.01 25 ePn 29 10.50 2.4X
ePg 29 28.00
eSn 29 59.00
eSb 30 10.00
iSg 30 15.50
MTE 4.26 347 eP 29 08.50 -3.3X
iS 29 58.50
i 30 23.00
COI 4.30 337 e(P) 29 13.70 1.4
PTO 5.21 340 e(P) 29 02.00 -23.2X
S 29 42.50
TIO 5.39 189 iPn 29 26.50 -1.4
iSn 30 28.00
EPF 8.45 35 Pn 30 08.40 -2.4
S.D. = 1.4 on 10 of 13 obs.

& APR 09, 1985 14h 40m 10.28s
60.358 N 150.853 W
DEPTH = 40.7km
KENAI PENINSULA, ALASKA (14)
<AGS-P>. ML 3.4 (PMR).

SLKM 0.35 64 iP 40 19.56 0.4
NKA 0.43 334 iP 40 22.09 2.0
iS 40 29.40
BRLK 0.60 182 iP 40 22.00 -0.4
SEW 0.75 109 iP 40 23.63 -0.8
MPA 0.75 79 iP 40 23.80 -0.7
RDT 0.80 286 iP 40 24.26 -1.0
HOM 0.81 210 ePd 40 25.00 -0.3
CNPM 0.86 193 ePd 40 25.30 -0.7
RED 0.95 275 iPd 40 26.50 -1.0
ILM 0.99 261 iP 40 26.93 -1.0
SPU 1.02 325 iP 40 27.56 -0.7
PTE 1.04 60 iP 40 27.44 -1.0
PMS 1.09 35 iPc 40 28.70 -0.7
CGLM 1.11 330 iP 40 29.21 -0.4
SUA 1.11 3 iP 40 29.02 -0.7
CRP 1.11 326 iP 40 29.40 -0.4
iS 40 45.20
PWA 1.38 20 ePd 40 32.70 -0.7
OPT 1.39 240 ePd 40 32.50 -1.1
PLRM 1.50 33 iP 40 33.64 -1.4
PMR 1.50 33 iPc 40 33.70 -1.3
PME 1.55 34 iP 40 34.57 -1.3
KNK 1.58 47 iP 40 34.85 -1.4
AUH 1.64 234 eP 40 36.52 -0.7
SKT 1.66 349 iP 40 36.79 -0.6
MSE 1.75 31 iP 40 36.84 -1.9
iS 40 57.95
PDB 1.77 253 iP 40 37.63 -1.3
eS 40 59.41
SML 1.90 39 iP 40 39.13 -1.8
GLI 1.93 73 iP 40 38.26 -2.9
TTV 1.96 68 iP 40 39.54 -2.2
HIN 2.16 87 eP 40 41.18 -3.5
FID 2.20 78 iP 40 41.23 -3.9
iS 41 05.78
VZW 2.23 70 iP 40 42.63 -3.0
SCM 2.26 48 eP 40 44.10 -2.1
VLZ 2.35 69 eP 40 44.48 -2.8
SVW 2.46 290 eP 40 46.06 -2.8
RAI 2.59 208 ePc 40 48.90 -1.8
KLU 2.66 63 iP 40 49.24 -2.5
KDC 2.75 199 iPc 40 49.90 -3.0
SGAM 2.80 85 iP 40 49.68 -4.0
TOA 2.86 50 iPc 40 53.00 -1.6
SPL 3.01 211 eP 40 54.90 -1.8
KMP 3.07 65 iP 40 54.60 -3.0
TTA 3.57 319 ePd 41 02.40 -2.2
SNH 4.00 89 eP 41 07.24 -3.4
BALM 4.24 77 eP 41 09.72 -4.4
YAH 4.52 86 eP 41 13.71 -4.6
COL 4.77 16 iP 41 19.20 -2.4

FBA 4.77 16 iPd 41 19.20 -2.4
PNL 5.79 92 eP 41 31.60 -4.3
IMA 5.87 349 iPc 41 35.20 -2.0
HQN 6.09 93 eP 41 34.74 -5.5
INK 10.91 36 eP 42 44.00 -2.7
YKA 17.32 67 eP 44 06.10 -4.2
MBC 19.28 22 eP 44 29.00 -4.9
54 obs. associated

APR 09, 1985 15h 34m 26.40± 0.90s
13.761 N ±10.1km 96.642 W ± 8.3km
DEPTH = 73.1 ± 8.7 km
4.3mb (7 obs.)
NEAR COAST OF GUATEMALA (71)
Felt (III) at San Salvador, El Salvador.

SSS 1.41 93 iPc 34 51.60 0.9
eS 35 11.10
COM 2.86 330 iP 35 20.00 9.1X
iS 35 41.00
PBJ 5.32 301 iP 35 38.00 -7.1X
i 36 35.00
VHO 6.81 301 iP 36 02.00 -4.0X
i 37 21.00
PIO 7.69 291 iP 36 13.00 -4.9X
TPM 9.60 304 iP 36 43.00 -1.4
III 9.64 300 iP 36 43.00 -2.0
IIP 9.68 306 eP 36 47.00 1.4
TAC 9.93 306 eP 36 50.00 1.0
IIC 10.18 307 iP 36 51.50 -0.9
OXM 10.27 304 eP 36 53.50 -0.1
UPA 11.88 112 eP 37 14.00 -0.9
HKT 16.81 344 eP 38 19.50 1.0
JCT 18.66 335 eP 38 42.00 0.7
1.0s 24.00nm 4.4mb
LTX 19.64 324 eP 38 52.70 0.6
1.0s 9.80nm 4.1mb
MOT 20.86 326 eP 39 04.00 -0.8
BHO 20.88 350 eP 39 06.20 1.5
TUL 22.54 349 eP 39 20.20 -0.9
0.8s 41.60nm 4.9mb
Z 22s 0.33um 3.7Msz
ALQ 25.47 329 eP 39 50.00 0.4
0.9s 4.62nm 4.0mb
PLM 30.80 314 eP 40 46.00 8.4X
GSC 31.86 317 eP 41 01.00 14.2X
MWC 32.11 314 eP 40 58.00 8.9X
SBB 32.20 315 eP 41 02.00 12.3X
e 43 53.00
CLC 32.69 317 eP 40 55.00 11
EUR 33.96 324 iP 41 06.00 0 8
0.6s 2.31nm 4.3mb
OTT 33.98 19 eP 41 20.00 15.1X
MNT 34.77 21 eP 41 26.00 14.3X
ZOBO 37.22 143 eP 41 33.00 -0.3
0.7s 1.65nm 4.1mb
CCH 39.27 141 eP 41 51.00 0.8
YJA 43.39 145 ePd 42 23.80 -0.2
SCH 45.00 19 eP 42 34.00 -2.2
YKA 51.57 346 eP 43 27.60 0.7
FRB 52.26 12 eP 43 44.00 12.0X
SOB1 54.39 112 e(P) 43 33.00 -15.5X
VAO 56.24 130 e(P) 44 15.00 13.2X
ITR 56.45 110 eP 44 15.90 12.5X
e 44 20.60
e 44 30.30
e 44 35.00
INK 61.03 343 eP 44 33.00 -1.3
MBC 64.31 353 eP 44 54.00 -2.0
0.6s 4.00nm 4.5mb
KIC 84.55 85 eP 46 52.90 -0 5
WB2 136.60 255 ePKP 53 42.30 -0.4
WRA 136.61 255 PKP 53 44.00 1.2
0.5s 0.70nm
CHTO 146.28 343 ePKP 54 01.00 1 1
LOE 146.71 338 ePKP 54 01.00 0 5
HYB 147.24 19 ePKP 54 01.50 0 1
NST 148.87 340 ePKP 54 23.50 19.5X
GBA 150.36 24 PKP 54 09.00 2.7X
S.D. = 1.1 on 30 of 46 obs.

& APR 09, 1985 17h 00m 53.27s
61.646 N 150.896 W
DEPTH = 67.5km
SOUTHERN ALASKA (2)
<AGS-P>.

09d 17h

SKT	0.45	318	iP	01	05.00	-0.6
PWA	0.49	99	iP	01	05.49	-0.4
			iS	01	15.22	
CGLM	0.63	238	iP	01	07.16	-0.4
CRP	0.71	238	eP	01	08.13	-0.4
			iS	01	19.55	
SPU	0.73	231	eP	01	07.81	-0.8
PMS	0.76	122	iP	01	07.61	-1.3
PLRM	0.85	93	eP	01	08.71	-1.2
			iS	01	21.56	
PME	0.89	90	eP	01	09.69	-0.8
			eS	01	23.12	
NKA	0.92	191	eP	01	12.34	1.5
MSE	0.94	77	iP	01	10.77	-0.5
			iS	01	24.53	
GHO	0.95	81	iP	01	10.46	-0.9
SLKM	1.19	164	eP	01	13.42	-1.0
KNK	1.19	100	eP	01	13.88	-0.6
PTE	1.20	130	eP	01	13.54	-0.9
SML	1.23	81	iP	01	14.24	-0.7
RDT	1.30	215	iP	01	14.93	-1.0
MPA	1.38	147	eP	01	16.25	-0.7
SEW	1.70	155	eP	01	22.00	0.7
SCM	1.71	82	eP	01	21.02	-0.5
ILM	1.74	213	eP	01	21.62	-0.3
BRLK	1.89	180	eP	01	23.62	-0.3
			eS	01	47.27	
TTV	1.91	106	eP	01	22.96	-1.3
GLI	1.99	111	eP	01	23.44	-1.9
VZW	2.17	104	eP	01	26.30	-1.6
VLZ	2.26	101	eP	01	29.82	0.9
TOA	2.28	76	eP	01	29.28	-0.2
FID	2.32	111	eP	01	27.27	-2.6
SVW	2.34	259	eP	01	28.93	-1.3
KLU	2.39	92	eP	01	29.24	-1.7
PDB	2.47	222	eP	01	30.96	-1.0
BALM	4.16	95	eP	01	55.00	-0.9

31 obs. associated

? APR 09, 1985 18h 22m 38.33± 3.84s
41.442 N ±26.2km 23.424 E ±20.3km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

MMB	0.27	57	iPgc	22	44.00	-0 1
			Sg	22	46.00	
VTS	1.17	352	iPg	23	00.00	-0.1
			iSg	23	11.00	
KDZ	1.46	82	iPg	23	05.00	0.3
			iSg	23	21.00	
DIM	1.73	69	ePg	23	08.00	-0.5
PVL	2.14	37	iPd	23	15.00	0.4

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

• APR 09, 1985 18h 36m 52.88± 0.73s
13.229 N ± 7.4km 144.883 E ±11.2km
DEPTH = 59.2 ± 5.9 km
4.8mb (3 obs.)
MARIANA ISLANDS (216)
Felt (IV) on Guom.

GUA	0.31	5	iPd	37	02.50	-0.6
			eS	37	08.30	
GUMO	0.36	357	iPd	37	03.40	-0.1
PJG	0.36	357	ePd	37	03.70	0.2
AAI	23.60	226	e(P)	42	01.00	1.7
MAT	23.97	347	(P)	42	05.00	2.2
WB2	34.55	198	eP	43	37 20	-0.8
			e	46	13 10	
B..	36 73	322	eP	43	56 00	-0.2
KAN	38.63	309	eP	44	12 50	0 2
HHC	40.05	320	eP	44	25 00	0.9
BTC	40 90	318	eP	44	31 10	0.0
CD2	41 69	302	P	44	37.90	0.3
MBL	42 11	216	iPc	44	41.50	0.5
NAU	45.75	219	eP	45	11.00	0.7
MEK	47.16	213	eP	45	21.00	-0.4
MRWA	50.59	213	eP	45	47.60	-0.2
PKI	57.06	294	eP	46	34.80	-1.2
	0.5s		3.00nm		4 6mb	
KKN	57.18	295	eP	46	36.00	-0.7
	0.7s		7.00nm		4.8mb	
DMN	57.33	294	eP	46	37.20	-0.6
	0.7s		8.00nm		4 9mb	
WMO	57.40	314	P	46	37.90	0.1
HYB	63.84	283	eP	47	20.50	-1.4
INK	74.70	22	eP	48	27.00	-0.6
YKA	83.17	27	eP	49	13.80	0.2
YKC	83.23	27	eP	49	13.00	-0.9
NEW	85.49	42	eP	49	26.00	0.3
BNG	123.91	285	iPKPd	55	47.50	0.5
	1.2s		15.80nm			
KIC	144.10	301	ePKP	56	22.70	-1.8
ZOBO	147.96	100	ePKP	56	33.00	1.5
	1.0s		3.25nm			
YJA	149.77	111	ePKPc	56	36.60	2.5X

S.D. = 1.0 on 27 of 28 obs.

& APR 09, 1985 18h 52m 58.20s
37.243 N 121.648 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.9 (BRK).
Mo=1.5•10••20 (BRK).

MHC	0.10	3	iPd	53	00.50	0.0
ARN	0.14	41	iP	53	00.90	-0.2
GCC	0.35	233	ePc	53	05.70	0.4
SLD	0.38	116	iP	53	05.40	-0.5
SAO	0.50	161	iP	53	08.50	0.2
PCC	0.64	294	iPc	53	10.50	-0.5
			iS	53	22.00	
BRK	0.80	322	ePd	53	13.30	-0.8
			iS	53	27.40	
LLA	0.84	138	ePc	53	13.70	-1.3
PRS	0.94	166	ePd	53	15.50	-1.0
JAS1	1.19	55	ePd	53	19.90	-1.0
			iS	53	35.40	
PRI	1.35	144	eP	53	22.60	-1.2
FRI	1.57	99	eP	53	25.10	-1.7
ORV	2.31	3	e(P)	53	36.00	-1.5

13 obs. associated

& APR 09, 1985 19h 08m 35.71s
59.833 N 150.955 W
DEPTH = 51.9km
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

BRLK	0.08	153	iP	08	43.60	1.4
			iS	08	49.77	
SLKM	0.77	28	iP	08	50.22	-0.4
SEW	0.80	70	iP	08	49.88	-1.1
			iS	09	01.23	
NKA	0.92	351	iP	08	53.92	1.3
ILM	1.00	291	iP	08	53.04	-0.6
			iS	09	06.31	
MPA	1.03	50	eP	08	53.27	-0.8
			iS	09	06.62	
RDT	1.04	316	iP	08	54.03	-0.2
PTE	1.41	42	eP	08	58.58	-0.8
SPU	1.46	339	eP	08	59.71	-0.4
CRP	1.56	338	eP	09	01.00	-0.6
CGLM	1.57	341	iP	09	01.31	-0.4
PMS	1.58	25	iP	09	01.45	-0.3
PDB	1.64	270	iP	09	01.58	-1.0
			iS	09	21.98	
SUA	1.64	4	eP	09	02.51	-0.2
PWA	1.90	16	eP	09	05.91	-0.3
PLRM	1.98	26	eP	09	06.25	-1.1
KNK	2.01	37	eP	09	06.74	-1.1
			iS	09	29.74	
PME	2.03	27	eP	09	07.35	-0.8
SKT	2.17	353	eP	09	09.93	-0.2
GHO	2.19	26	iP	09	09.74	-0.6
GLI	2.19	60	eP	09	08.02	-2.3
MSE	2.24	25	eP	09	09.94	-1.2
KDC	2.24	202	eP	09	08.29	-2.7
TTV	2.26	56	eP	09	09.57	-1.8
HIN	2.30	74	eP	09	09.56	-2.4
SML	2.36	32	eP	09	11.97	-0.8
FID	2.41	66	eP	09	10.30	-3.2
VZW	2.50	59	eP	09	12.59	-2.2
VLZ	2.63	58	eP	09	14.53	-2.0
SVW	2.64	301	eP	09	14.79	-2.0
SCM	2.68	40	eP	09	16.61	-0.8
SGAM	2.95	74	eP	09	18.06	-3.1
KLU	2.99	54	eP	09	19.90	-1.9
TOA	3.26	44	eP	09	24.76	-0.9

34 obs. associated

• APR 09, 1985 19h 36m 49.94± 1.59s
5.109 N ± 8.8km 127.252 E ±19.1km
DEPTH = 76.0 ± 15.7 km

4.6mb (3 obs.)
PHILIPPINE ISLANDS REGION (248)

MNI	4.37	214	ePc	37	55.70	0.4
			eS	38	45.00	
PLP	6.42	340	eP	38	24.00	0.1
			eS	38	34.00	
AAI	8.79	174	e(P)	38	55.60	-0.9
KGM	24.08	264	ePc	42	00.70	1.1
WB2	25.86	165	eP	42	16.20	-0.1
PPI	27.39	259	e(P)	42	20.00	-10.3X
MEK	32.64	195	eP	43	18.00	1.2
BJI	36.18	346	eP	43	48.00	1.1
PKI	45.62	304	eP	45	04.30	-0.7
	0.6s		3.00nm		4.4mb	
KKN	45.80	304	eP	45	05.80	-0.6
	0.6s		5.00nm		4.6mb	
DMN	45.88	304	eP	45	07.60	0.6
GBA	49.79	283	Pc	45	35.20	-2.1
	0.5s		6.00nm		4.9mb	

S.D. = 1.2 on 11 of 12 obs.

APR 09, 1985 20h 54m 34.13± 0.93s
38.889 N ± 9.0km 25.788 E ± 7.3km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.1 (ATH).

PRK	0.52	46	iPgd	54	46.50	1.9
			iSg	54	58.50	
IZM	1.25	113	iPn	54	57.00	-0.5
ATH	1.87	241	ePg	55	06.60	0.2
			eSb	55	29.50	
EDC	2.17	47	iPn	55	11.00	0.3
KDZ	2.77	353	iPc	55	18.00	-1.3
			iS	56	01.00	
MMB	3.12	330	eP	55	25.00	0.7
			eS	56	07.00	
DIM	3.16	357	eP	55	20.00	-4.8X
DMK	3.29	27	ePn	55	25.40	-1.4
VAY	3.46	316	ePn	55	30.00	0.9
			e	55	42.00	
BCK	4.04	109	ePn	55	12.20	-25.3X
VTS	4.20	333	eP	55	43.00	3.5X
PVL	4.28	354	eP	55	40.00	-0.7

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

• APR 09, 1985 22h 36m 49.95± 1.34s
21.911 N ±19.5km 62.078 E ±11.3km
DEPTH = 10.0km (geophysicist)
4.2mb (3 obs.)
ARABIAN SEA (417)

QUE	9.33	27	eP	39	07.40	-0.3
			eS	40	48.00	
SHI	11.54	314	eP	39	39.00	1.0
NDI	15.25	61	eP	40	26.00	-1.1
HYB	16.15	103	eP	40	41.50	2.8X
KER	18.08	316	eP	41	09.00	5.9X
KKN	21.84	70	eP	41	45.70	1.0
	0.6s		4.00nm		4.0mb	
PKI	21.91	70	eP	41	46.70	1.1
	0.6s		5.00nm		4.1mb	
KHC	46.85	318	eP	45	20.70	-1.2
			e	45	31.00	
CLL	47.88	320	eP	45	39.00	9.0X
	1.0s		11.00nm		4.9mb	
WB2	81.94	115	eP	49	11.20	-0.5

S.D. = 1.2 on 7 of 10 obs.

? APR 10, 1985 00h 07m 33.47± 5.90s
38.995 N ±19.2km 144.792 E ±67.9km
DEPTH = 33.0km (normal)
OFF EAST COAST OF HONSHU, JAPAN (229)

URA	3.51	335	eP	08	27.00	0.0
TSK	4.64	235	eP	08	42.10	-1.0
KYS	5.30	226	eP	08	52.60	0.2
DDR	5.36	238	eP	08	52.80	-0.5
			e	09	48.60	
SRY	5.55	234	eP	08	52.60	-3.3X
OYM	5.69	233	eP	08	58.80	0.9
MAT	5.76	247	iPd	08	59.40	0.5
			eS	10	09.00	

S.D. = 0.9 on 6 of 7 obs.

APR 10, 1985 00h 08m 13.35± 0.85s

43.575 N ± 8.1km 146.604 E ± 8.0km
DEPTH = 89.8 ± 6.3 km
4.9mb (36 obs.)
KURIL ISLANDS (221)
Felt (III) at Yuzhno-Kurilsk.
Also felt (II JMA) at Nemuro and (I JMA) at Kushiro, Hokkaido.

NEM	0.78	252	iPc	08	30.90	0.0
			iS	08	42.30	
KUS	1.72	250	eP	08	43.00	0.7
			iS	09	03.80	
ABJ	1.74	286	eP	08	42.00	-0.6
			S	09	02.30	
OBI	2.56	256	eP	08	54.00	0.4
			eS	09	24.00	
URA	3.15	245	P	09	01.90	0.2
			eS	09	39.00	
SAP	3.88	264	eP	09	14.00	2.2
			eS	09	57.00	
TSK	8.88	216	eP	10	18.60	-2.2
MAT	9.52	225	eP	10	28.00	-1.5
CN2	15.31	278	eP	11	42.00	-3.5X
			eS	14	28.00	
SNY	17.01	272	eP	12	06.70	-0.1
TIA	23.70	262	P	13	18.80	1.2
HHC	25.98	276	eP	13	40.00	0.7
TIY	26.46	269	eP	13	44.50	0.9
BTO	27.18	276	eP	13	50.10	-0.1
XAN	30.65	265	eP	14	20.00	-1.1
LZH	33.38	272	eP	14	44.50	-0.7
CD2	35.99	264	Pd	15	07.40	0.1
KMI	40.09	257	eP	15	42.50	0.7
COL	41.47	36	eP	15	52.00	-0.3
	0.7s	10.27nm			4.8mb	
WMQ	41.79	292	Pd	15	54.50	-0.8
KKN	51.13	273	eP	17	09.50	0.3
	0 6s	17.00nm			5.3mb	
PKI	51.16	273	eP	17	09.30	-0.3
	0.5s	18.00nm			5.4mb	
DMN	51.36	273	eP	17	11.40	0.4
	0.6s	27.00nm			5.5mb	
YKA	56.17	34	eP	17	45.90	0.4
YKC	56.23	34	eP	17	41.00	-5.0X
NDI	56.44	279	iP	17	46.00	-2.0
KEV	58.74	339	eP	18	14.00	10.5X
SOD	60.47	337	iP	18	12.30	-3.1X
KJF	62.36	334	eP	18	26.00	-2.1
HYB	62.37	268	eP	18	28.00	-0.9
QUE	62.83	287	eP	18	31.00	-0.9
SUF	63.91	334	iP	18	35.60	-2.7
	0.3s	1.70nm			4.5mb	
WB2	64.20	193	iPd	18	42.20	1.6
MHI	64.25	296	eP	18	41.00	-0.1
POO	65.07	272	eP	18	48.00	1.5
GBA	65.68	266	P	18	50.00	-0.3
NUR	66.01	333	eP	18	39.00	-12.8X
	0.5s	8.40nm				
			i	18	50.00	
FFC	66.08	36	iPd	18	52.70	0.3
	0 6s	4.00nm			4.5mb	
FRB	69.46	16	eP	19	12.00	-1.2
NB2	69.62	339	P	19	13.20	-1.2
	0 5s	2.70nm			4.4mb	
HFS	69.70	337	eP	19	12.70	-2.1
	0 4s	4.90nm			4.7mb	
KRA	75.80	328	eP	19	49.90	-0.9
	0.7s	27.00nm			5.2mb	
			e	20	09.90	
CFR	76.07	320	eP	19	52.00	-0.4
SPC	76.37	327	eP	19	55.30	1.0
KSP	76.52	330	eP	19	54.30	-0.5
MLR	76.85	322	eP	19	57.00	0.1
ELO	77.23	344	ePKPc	19	58.50	-0.2
CLL	77.29	332	iPd	19	58.20	-0.8
	0.8s	21.00nm			5.1mb	
BRG	77.33	331	eP	19	59.50	0.2
ESY	77.52	343	ePKPc	20	00.10	-0.1
PRU	77.86	331	Pd	20	02.00	-0.2
MOX	78.31	333	e(P)	20	04.50	-0.2
	1.6s	25.00nm			4.8mb	
WTS	78.66	336	iPd	20	06.50	0.0
	0.7s	16.00nm			5.0mb	
KHC	78.92	331	iPd	20	08.40	0.3
	0.6s	12.00nm			4.9mb	
			e	20	28.50	
GRF	79.26	332	eP	20	10.50	0.6
	0.6s	19.00nm			5.1mb	
ENN	80.01	336	iPd	20	13.60	-0.2
	0.5s	12.00nm			5.0mb	
KBA	80.74	330	iPc	20	18.60	0.6
	0.7s	13.80nm			4.9mb	
GWF	81.06	334	eP	20	18.20	-1.3
BUH	81.13	334	eP	20	19.80	-0.1
CDF	81.67	334	iPd	20	22.80	0.1
	0.6s	5.40nm			4.6mb	
ECB	81.71	344	iPc	20	23.30	0.6
	0.6s	25.00nm			5.3mb	
ECP	81.81	344	iPc	20	23.80	0.6
	0.6s	40.00nm			5.5mb	
CTI	82.23	330	eP	20	24.50	-1.2
HAU	82.32	334	eP	20	26.00	0.0
	0.6s	3.60nm			4.4mb	
BSF	82.33	334	eP	20	26.00	-0.2
	0.7s	6.90nm			4.7mb	
FLN	83.61	339	iPd	20	29.00	-3.6X
	0.6s	7.20nm			4.8mb	
LDF	83.67	339	eP	20	33.10	0.2
LOR	83.74	335	eP	20	33.00	-0.4
	0.6s	5.40nm			4.7mb	
ORO	83.88	332	eP	20	30.50	-3.7X
GRC	83.95	336	iPd	20	34.40	0.0
LBF	83.96	335	iPd	20	46.00	11.5X
	0.3s	2.80nm				
SSF	84.04	336	iPd	20	34.90	0.1
	0.6s	3.00nm			4.4mb	
GRR	84.05	339	iPd	20	35.50	0.6
	0.6s	11.00nm			5.0mb	
SMF	84.31	335	iPd	20	46.30	10.1X
	0.6s	9.00nm				
SMF	84.31	335	iPd	20	36.30	0.1
	0.6s	9.00nm			4.9mb	
AVF	84.32	336	iPd	20	36.50	0.3
	0.6s	6.80nm			4.8mb	
LPF	84.43	339	iPd	20	37.50	0.8
	0.6s	5.60nm			4.7mb	
BGF	84.69	336	eP	20	39.30	1.2
	0.6s	6.40nm			4.8mb	
MZF	85.07	336	iPd	20	41.10	1.1
	0.5s	10.10nm			5.1mb	
TCF	85.12	336	eP	20	40.80	0.5
LSF	85.35	337	iPd	20	42.00	0.6
	0.6s	8.60nm			4.9mb	
MFF	85.50	338	iPd	20	42.90	0.8
	0.6s	9.00nm			4.9mb	
FRF	86.15	332	eP	20	46.60	1.2
RJF	86.22	336	eP	20	46.60	0.9
LRG	86.34	332	iPd	20	47.10	0.8
	0.7s	13.70nm			5.1mb	
CAF	86.40	336	iPd	20	47.90	1.3
	0.6s	5.70nm			4.8mb	
LMR	86.40	332	iPd	20	46.80	0.2
	0.6s	4.00nm			4.6mb	
LPO	86.88	336	eP	20	50.20	1.3
	0.6s	6.10nm			4.8mb	
ITR	145.04	9	ePKP	27	41.40	-0.6
SOB1	145.15	13	ePKP	27	42.90	0.7
	0.5s	6.00nm				
RFA	151.60	84	ePKPc	28	02.00	10.2X
S.D. = 0.9 on 81 of 91 obs.						

APR 10, 1985 00h 35m 59.84± 0.49s
38.521 N ± 4.9km 2.860 W ± 6.8km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
ML 3.8 (LDG).

AFC	1.38	203	iPg	36	24.00	-1.2
			e	36	37.00	
			e	36	41.00	
CRT	1.45	204	iPnc	36	25.20	-1.0
TOL	1.64	326	e(Pn)	36	30.00	1.1
			e(Pb)	36	33.50	
			i(Pg)	36	36.00	
			iSn	36	53.00	
			iSg	36	58.50	
ALM	1.70	169	iPnc	36	29.90	0.3
	0.4s	2.00nm				
			iSn	36	50.90	
ALI	1.87	94	ePn	36	33.00	0.9
			Sn	36	58.80	
MAL	2.17	215	iPn	36	36.00	-0.5
			iSg	37	06.00	
EBR	3.46	47	ePn	36	56.00	1.2
			e	37	47.00	
			eSg	37	50.00	
			e	37	57.00	
PRL	3.60	284	eP	37	09.60	12.7X
			iS	37	53.70	
TAF	3.72	174	iP	37	00.00	1.4
			iS	37	42.00	
LGR	3.94	4	ePn	37	07.50	5.8X
			iPg	37	24.50	
			iSn	37	58.50	
			iSg	38	17.50	
MTE	4.08	299	eP	37	05.00	1.3
COI	4.62	293	P	37	11.30	-0.1
			S	38	26.70	
LIS	4.93	274	P	38	06.50	50.8X
			S	38	21.40	
			i	38	38.90	
MTH	4.97	276	e(P)	37	29.50	13.3X
			S	38	10.50	
EPF	5.12	27	Pn	37	19.80	1.4
			Pg	37	39.60	
			Sn	38	15.20	
PTO	5.14	302	(P)	37	24.50	5.9X
			S	38	26.00	
			e	38	41.50	
LPO	6.86	25	Pn	37	42.40	-0.5
			Sn	38	56.40	
CAF	7.38	28	Pn	37	49.60	-0.6
			Sn	39	09.80	
LSF	8.38	21	Pn	38	03.20	-0.9
			Sn	39	30.00	
MZF	8.68	26	Pn	38	07.20	-1.1
BGF	9.07	26	Pn	38	12.00	-1.6
			Sn	39	48.00	
S.D. = 1.2 on 16 of 21 obs.						

? APR 10, 1985 01h 26m 15.61± 7.72s
16.998 N ±153.km 62.679 W ±116.km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

FDF	2.69	147	eP	26	57.70	0.2
CRM	2.80	143	eP	26	59.04	-0.1
BIM	2.91	148	eP	27	00.57	-0.1
MVM	2.97	145	eP	27	01.67	0.1
SJG	3.49	289	eP	27	09.00	0.0
S.D. = 0.2 on 5 of 5 obs.						

• APR 10, 1985 02h 19m 45.80± 0.89s
2.598 S ±11.7km 138.668 E ±11.2km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
WEST IRIAN (201)

PMG	10.81	129	eP	22	20.00	-1.5
KNA	16.31	216	eP	23	34.00	0.0
WB2	17.75	193	eP	23	50.10	-2.0
			eS	27	04.70	
CTA	18.90	157	iPd	24	07.60	1.3
	1.2s	29.69nm			4.4mb	
			iS	29	16.00	
CTAO	18.90	157	eP	24	07.00	0.7
	1.0s	18.00nm			4.2mb	
WBN	26.13	205	eP	25	20.00	1.2
YOU	32.79	165	iPc	26	18.40	0.1
CAN	33.94	165	eP	26	28.30	0.0
MRWA	34.14	217	eP	26	30.00	0.0
BFD	34.59	175	eP	26	34.00	0.2
WAM	34.74	165	iPc	26	35.30	0.3
PPI	38.31	273	eP	27	05.00	-0.5
CHTO	44.49	300	eP	27	56.00	-0.2
KKN	59.54	304	eP	29	49.40	0.4
	0.7s	10.00nm			5.1mb	
S.D. = 1.0 on 14 of 14 obs.						

? APR 10, 1985 02h 34m 54.40± 4.66s
33.949 S ±25.0km 72.291 W ±35.2km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.56	60	iPd	35	20.50	0.3
			iS	35	40.50	
RFA	3.27	106	ePc	35	45.30	0.7
			S	36	37.70	
RTCB	3.83	51	eP	35	54.00	1.4
			i	35	59.60	

10d 02h

			S	36 51.30		
ZON	3.87	53	eP	35 58.00	4.8X	
CFA	4.14	57	ePc	35 57.60	0.7	
			S	36 57.30		
RTLL	4.15	52	ePd	35 57.20	0.1	
VCA	6.26	35	ePd	36 26.90	-0.1	
			S	37 56.80		
TCA	7.00	70	ePc	36 34.50	-2.8	
			S	37 57.00		
SLA	10.93	35	e(P)	37 35.00	3.3X	
CCH	17.40	20	Pc	39 00.20	3.6X	
LPB	17.75	13	P	39 04.50	3.4X	
	1.0s	30.00nm			4.4mb	
			LR	46 28.00		
ZOBO	18.00	13	eP	39 04.00	-0.3	
	1.0s	11.25nm			4.0mb	
	S.D. = 1.5	on	8 of	12 obs.		

* APR 10, 1985 03h 00m 54.44± 1.20s
38.200 N ±13.5km 22.689 E ±10.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 2.8 (ATH).

ATH	0.84	105	ePg	01 10.50	-0.2	
			eSg	01 21.00		
VLS	1.65	270	ePn	01 24.00	0.4	
KZN	2.22	342	ePn	01 31.00	-0.9	
VAY	3.12	358	eP	01 46.00	1.5	
OHR	3.25	334	ePn	01 45.80	-0.7	
	S.D. = 1.4	on	5 of	5 obs.		

APR 10, 1985 03h 02m 02.95± 0.90s
44.304 N ± 8.2km 114.228 W ± 7.9km
DEPTH = 16.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.2 (NEIS).

HPI	1.01	126	iP	02 21.50	-0.8	
TMI	1.95	120	eP	02 37.60	1.0	
LRM	1.97	39	ePn	02 36.60	-0.4	
			ePg	02 39.20		
BUT	2.08	34	ePn	02 37.90	-0.5	
			ePg	02 41.30		
			eSn	03 06.20		
			eSg	03 08.40		
IMW	2.40	99	eP	02 43.50	0.3	
SXM	2.82	48	ePn	02 48.80	-0.3	
			ePg	02 50.50		
HRY	2.94	34	ePn	02 51.00	0.4	
MFW	3.36	300	eP	02 55.80	-0.8	
BOW	3.72	113	e(P)	03 05.00	3.1X	
NEW	4.44	334	eP	03 13.00	1.1	
			eLg	04 26.00		
BMN	4.46	211	e(P)	03 20.00	7.7X	
	S.D. = 0.8	on	9 of	11 obs.		

* APR 10, 1985 03h 15m 15.64± 0.69s
6.626 N ± 8.7km 72.816 W ±12.4km
DEPTH = 184.6 ± 11.2 km
NORTHERN COLOMBIA (99)

BOG	2.35	212	iP	15 57.00	-0.6	
			iS	16 28.00		
UAV	2.58	40	iPnd	16 00.20	0.1	
	0.3s	90.00nm				
SDV	3.12	44	iPnc	16 07.20	0.6	
	0.2s	42.10nm				
LGN	3.82	24	ePn	16 13.50	-1.6	
TCA	4.34	43	ePn	16 22.60	0.7	
	0.3s	33.40nm				
CAR	6.99	56	eP	17 12.00	15.5X	
PSO	7.03	220	eP	16 58.00	0.6	
PCJ	11.84	339	eP	17 59.27	-0.6	
			eS	19 59.03		
HOJ	11.94	342	eP	18 02.03	0.8	
			eS	20 00.76		
GWJ	12.01	342	eP	18 02.39	0.2	
			eS	20 03.63		
STH	12.03	341	eP	18 03.03	0.6	
			eS	20 00.88		
YKC	63.49	340	eP	25 27.50	-0.4	
YKA	63.55	340	eP	25 28.00	-0.3	
	S.D. = 0.9	on	12 of	13 obs		

* APR 10, 1985 03h 56m 47.40± 0.92s
36.994 N ± 9.9km 27.497 E ± 9.6km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
DODECANESE ISLANDS (369)
ML 4.0 (ATH).

IZM	1.41	353	iPn	57 11.00	-0.1	
ELL	1.95	97	iPn	57 20.20	1.3	
NPS	2.30	222	ePn	57 24.00	0.1	
PRK	2.45	337	ePn	57 25.50	-0.4	
BCK	2.51	78	iPn	57 28.40	1.5	
EZN	2.97	342	ePn	57 33.10	-0.2	
ATH	3.16	289	ePb	57 44.50	8.5X	
			eSb	58 27.50		
EDC	3.36	5	ePn	57 45.00	6.2X	
GPA	3.96	33	ePn	58 01.60	14.3X	
DMK	4.83	2	ePn	57 58.00	-1.6	
MMB	5.44	329	iPd	58 08.00	-0.3	
JMB	5.51	353	eP	58 14.00	4.7X	
VAY	5.77	320	eP	58 14.60	1.6	
VTS	6.50	331	eP	58 24.00	0.8	
PRNI	9.11	135	eP	58 52.50	-7.1X	
			eS	00 31.00		
GRC	20.75	307	iPc	01 30.70	3.1X	
GBA	50.13	104	Pd	05 38.70	-2.9	
	0.6s	2.90nm			4.5mb	
	S.D. = 1.5	on	11 of	17 obs.		

APR 10, 1985 05h 10m 56.29± 0.38s
18.531 N ± 3.7km 69.124 W ± 2.5km
DEPTH = 138.5 ± 5.0 km
4.8mb (41 obs.)
DOMINICAN REPUBLIC REGION (88)

SJG	2.86	98	iPd	11 41.00	-1.0	
BPA	7.08	101	eP	12 36.50	-2.2	
GWJ	7.25	268	eP	12 39.90	-1.2	
			eS	13 59.41		
HOJ	7.27	267	eP	12 41.29	0.1	
			eS	14 00.17		
STH	7.32	268	iP	12 41.05	-0.9	
			iS	14 02.41		
MLG	7.49	108	eP	12 43.00	-1.3	
			S	14 03.00		
PAG	7.53	108	eP	12 44.00	-0.8	
SEG	7.57	105	eP	12 46.00	0.7	
PCJ	7.69	265	eP	12 46.80	-0.1	
			eS	14 11.53		
MGG	7.90	108	eP	12 51.00	1.3	
MCJ	8.16	267	eP	12 52.09	-1.2	
CAR	8.25	165	iPd	12 54.00	-0.6	
	0.5s	50.70nm			5.4mb	
FDF	8.52	115	eP	12 57.74	-0.4	
LGN	8.59	194	eP	13 02.30	3.4X	
BIM	8.69	116	eP	13 00.19	-0.2	
TOV	8.72	184	ePn	13 02.30	1.6	
	0.6s	82.40nm			5.6mb	
CRM	8.72	114	eP	13 01.00	0.4	
MVM	8.82	115	eP	13 03.00	0.9	
SLW	9.05	119	eP	13 05.50	0.4	
CUM	9.34	148	eP	13 13.30	4.4X	
SDV	9.70	189	eP	13 15.60	1.7	
UAV	10.05	192	eP	13 19.50	0.9	
	0.6s	70.90nm			5.5mb	
TRN	10.82	135	eP	13 30.52	2.0	
	0.7s	77.20nm			5.5mb	
GCM	11.63	276	P	13 38.10	-1.0	
UPA	13.86	228	eP	14 09.60	1.5	
			e	17 39.00		
BOG	14.64	200	eP	14 09.00	-9.3X	
			eS	16 57.60		
HBF	17.54	327	P	14 53.30	-0.4	
COW	18.06	327	P	14 59.20	-0.5	
PSO	19.02	206	eP	15 10.50	0.0	
PRM	19.48	325	P	15 14.40	-0.4	
GFM	20.79	330	P	15 28.60	0.4	
NA2	20.93	341	P	15 29.90	0.6	
BLA	21.09	334	P	15 31.80	0.8	
	1.0s	190.00nm			5.5mb	
NAV	21.33	334	P	15 34.00	0.5	
TKL	21.43	326	P	15 34.90	0.5	
PWLA	23.48	318	P	15 55.60	1.2	
GRT	25.15	319	P	16 12.40	2.3	
ELC	25.69	321	P	16 15.00	0.0	
RSNY	26.33	351	iP	16 21.30	0.4	
	1.5s	55.68nm			4.9mb	
			epP	16 51.30	144kmX	
MIM	26.64	0	iP	16 24.80	1.2	
FVM	26.86	321	eP	16 25.50	-0.3	
	1.0s	10.00nm			4.4mb	
			epP	16 59.00	162kmX	
MNT	27.15	353	eP	16 29.50	1.2	
BHO	27.82	310	e(P)	16 35.10	0.6	
RLO	28.81	313	eP	16 43.30	-0.1	
TUL	29.22	312	ePd	16 47.00	0.0	
	1.3s	41.50nm			5.0mb	
			e	17 30.50		
JCT	30.24	299	eP	16 56.00	-0.2	
	1.0s	9.00nm			4.5mb	
			e	17 36.00		
LTX	33.24	295	iP	17 22.80	0.4	
	0.8s	3.07nm			4.1mb	
MOT	33.81	298	eP	17 26.80	-0.6	
LHC	34.00	336	ePd	17 28.70	0.2	
	0.7s	34.00nm			5.2mb	
ZOBO	34.59	178	eP	17 33.70	-0.8	
	1.2s	3.38nm			4.0mb	
LPB	34.86	178	P	17 35.00	-1.6	
			eLR	34 38.00		
CCH	35.81	175	P	17 44.00	-0.5	
SCH	36.26	2	ePd	17 48.00	0.4	
ALQ	36.88	304	eP	17 53.10	-0.2	
	1.0s	5.00nm			4.2mb	
			e	18 37.00		
GOL	37.69	312	eP	18 00.50	0.4	
	0.8s	4.46nm			4.3mb	
RSON	37.70	334	iP	17 59.30	-0.4	
	0.8s	12.32nm			4.7mb	
			epP	18 30.30	140kmX	
YJA	40.60	175	ePd	18 21.60	-2.9	
BDW	41.81	314	eP	18 33.50	-0.5	
	1.0s	3.60nm			4.0mb	
			epP	19 07.00	151kmX	
GLA	43.28	299	eP	18 47.00	1.1	
FFC	43.97	333	iPd	18 50.00	-1.1	
	0.7s	13.00nm			4.7mb	
LRM	44.89	317	eP	18 59.30	0.4	
PLM	45.01	299	eP	19 01.00	1.1	
FRB	45.18	0	eP	19 00.00	-0.5	
			pP	19 46.00	213kmX	
GSC	45.23	302	eP	19 02.00	0.5	
EUR	45.39	308	iP	19 04.00	1.1	
	0.2s	4.74nm			4.8mb	
SBB	45.98	301	eP	19 08.00	0.6	
SES	46.01	324	iPd	19 07.70	0.3	
			pP	19 39.00	138kmX	
BMN	46.55	308	iP	19 12.00	0.1	
	0.8s	3.38nm			4.1mb	
			epP	19 45.10	146kmX	
EDM	48.61	326	iPd	19 26.70	-0.9	
NEW	48.76	319	iP	19 28.20	-0.6	
			e	19 59.00		
GDH	51.62	7	iPc	19 50.00	-0.2	
	1.0s	20.00nm			4.9mb	
			i	20 36.00		
YKC	53.88	336	ePd	20 05.50	-1.5	
	1.1s	18.00nm			4.9mb	
YKA	53.94	336	eP	20 06.40	-1.0	
EKA	61.31	37	Pc	20 58.50	-0.7	
LPF	61.84	45	iPc	21 03.90	1.1	
GRR	61.99	45	iPc	21 03.90	0.1	
	1.0s	9.20nm			4.7mb	
FLN	62.26	44	iPc	21 06.00	0.4	
MFF	62.39	47	iPc	21 06.90	0.4	
	1.1s	11.70nm			4.7mb	
LDF	62.49	44	iPc	21 07.60	0.5	
EPF	62.69	51	iPc	21 09.30	0.7	
	1.2s	23.80nm			5.0mb	
MBC	63.13	348	eP	21 10.00	-0.9	
	0.8s	12.00nm			4.9mb	
			pP	21 43.00	137kmX	
DAG	63.46	11	iPc	21 11.90	-1.2	
	0.7s	16.44nm			5.1mb	
INK	63.52	338	eP	21 10.00	-3.5X	
			pP	21 44.00	141kmX	
LSF	63.54	47	iPc	21 13.90	-0.2	
	1.3s	16.70nm			4.8mb	
KIC	63.74	92	eP	21 15.30	-0.5	
CAF	63.92	48	iPc	21 16.70	0.1	
	1.2s	16.00nm			4.8mb	
TCF	64.01	47	iPc	21 16.90	-0.3	
	1.3s	13.00nm			4.7mb	
ALE	64.07	1	ePd	21 15.70	-1.3	
	0.6s	11.00nm			5.0mb	
			pP	22 04.50	210kmX	

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MZF    64.27   47 iPc    21 18.80   -0.1
       1.2s     12.10nm            4.7mb
BGF    64.45   47 iPc    21 20.00    0.0
GRC    64.60   46 iPc    21 21.10    0.2
                  i      21 52.90
                  i      22 08.10
AVF    64.80   46 iPc    21 22.00   -0.2
       1.0s     21.10nm            5.0mb
SSF    64.90   46 iPc    21 22.40   -0.5
       1.2s     11.90nm            4.7mb
SMF    65.14   47 iPc    21 24.10   -0.3
       1.2s     14.80nm            4.8mb
LOR    65.14   46 iPc    21 24.10   -0.3
ENN    66.45   42 eP     21 33.00    0.3
       1.1s     23.00nm            5.0mb
                  e      22 20.00
WTS    66.99   41 ePc    21 36.50    0.5
       1.0s     20.00nm            4.9mb
                  e      22 24.50
COL    68.58  333 eP     21 45.00   -0.7
       0.9s      7.98nm            4.6mb
FBA    68.58  333 eP     21 44.80   -0.9
       0.9s      8.30nm            4.6mb
NB2    69.30   31 P      21 50.00   -0.2
       1.2s     17.80nm            4.8mb
PMS    69.35  329 eP     21 49.70   -0.8
IMA    71.03  335 eP     22 00.40   -0.3
KHC    71.50   43 iP     22 03.50   -0.3
       1.2s     18.00nm            4.7mb
                  i      22 37.80
                  e      22 53.10
BRG    71.52   42 iP     22 03.50   -0.3
                  i      22 52.00
PRU    72.01   42 eP     22 07.00    0.3
                  e      22 55.70
ZST    73.95   44 e(P)   22 19.00    1.0
                  e      23 07.50
NUR    75.90   31 eP     22 30.00    1.1
SUF    76.10   28 iP     22 30.40    0.4
KJF    76.43   27 eP     22 32.00    0.2
BNG    86.40   87 iPd    23 25.10    0.3
       1.4s     41.90nm            5.2mb
     S.D. = 0.9  on 106 of 110 obs.

*  APR  10, 1985  06h 10m 18.51± 1.05s
   44.776 N ± 5.1km   112.933 W ±16.8km
   DEPTH =   5.0km  (geophysicist)
 EASTERN IDAHO                        (457)
      ML 3.0 (BUT).

HPI     1.07  186 eP     10 39.60    0.3
LRM     1.10   18 eP     10 39.20   -0.6
                  eS     10 51.20
BUT     1.26   12 eP     10 42.40   -0.2
                  eS     10 59.80
TMI     1.64  153 eP     10 48.20   -0.2
IMW     1.68  121 eP     10 48.50   -0.4
SXM     1.83   41 ePn    10 52.30    1.2
                  ePg    10 53.40
HRY     2.08   21 ePn    10 54.60   -0.1
     S.D. = 0.7  on   7 of   7 obs.

*  APR  10, 1985  06h 15m 52.34± 0.44s
   16.949 N ±10.2km   62.475 W ±12.9km
   DEPTH =  33.0km  (normal)
   4.2mb (  3 obs.)
 LEEWARD ISLANDS                      ( 92)

FDF     2.55  150 eP     16 32.81    0.5
                  S      17 05.90
CRM     2.65  145 eP     16 33.73    0.1
BIM     2.77  151 eP     16 35.31   -0.1
MVM     2.83  147 eP     16 36.44    0.3
SLW     3.27  153 eP     16 41.80   -0.7
SJG     3.69  289 iPc    16 48.40   -0.1
ITR    34.90  135 e(P)   22 49.00    5.8X
ALQ    43.03  303 eP     23 51.10    0.2
       1.0s      5.00nm            4.2mb
FRB    46.94  356 eP     24 22.00    0.6
BDW    47.48  313 eP     24 27.00    0.6
       1.0s      4.40nm            4.4mb
BMN    52.49  308 eP     25 05.00    0.3
       0.8s      1.32nm            4.0mb
YKA    58.03  334 eP     25 43.80   -0.4
INK    67.37  338 eP     26 45.00   -1.1
     S.D. = 0.6  on  12 of  13 obs.

*  APR  10, 1985  07h 02m 07.17± 0.44s
   16.923 N ±10.5km   62.511 W ±13.5km
   DEPTH =  33.0km  (normal)
   4.3mb (  2 obs.)
 LEEWARD ISLANDS                      ( 92)

FDF     2.54  149 eP     02 47.98    0.9
CRM     2.65  144 eP     02 48.34   -0.2
BIM     2.77  150 eP     02 49.84   -0.3
MVM     2.82  146 eP     02 50.85   -0.1
SLW     3.26  152 eP     02 56.83   -0.4
SJG     3.67  289 iPc    03 03.00    0.0
ALQ    43.02  303 eP     10 05.50   -0.1
       1.0s      5.50nm            4.2mb
FRB    46.96  356 eP     10 36.00   -0.4
BDW    47.47  313 eP     10 40.90   -0.3
       0.7s      2.71nm            4.4mb
BMN    52.48  308 eP     11 19.60    0.2
YKA    58.04  334 eP     11 58.30   -0.8
MBC    66.04  347 eP     12 52.00   -0.4
INK    67.38  338 eP     13 03.00    2.0
     S.D. = 0.8  on  13 of  13 obs.

?  APR  10, 1985  07h 53m 40.41±14.54s
   24.929 N ±38.7km   122.646 E ±95.5km
   DEPTH = 155.9 ± 84.9 km
 TAIWAN REGION                        (243)

TWC     0.79  246 iPc    54 04.50    0.1
TWZ     0.98  280 iPc    54 06.00    0.1
                  eS     54 23.50
TATO    1.05  273 iP     54 06.30   -0.1
                  eS     54 23.40
ANP     1.06  284 eP     54 06.50   -0.1
TWD     1.28  229 iPc    54 08.50    0.0
TWQ     1.77  249 iPc    54 13.60   -0.1
                  eS     54 36.40
TWF1    2.00  218 iPc    54 16.00   -0.2
TWK     2.57  230 eP     54 23.50    0.3
     S.D. = 0.2  on   8 of   8 obs.

*  APR  10, 1985  08h 35m 10.55± 0.82s
   36.972 N ± 9.9km   27.512 E ± 7.6km
   DEPTH =  33.0km  (normal)
   4.2mb (  4 obs.)
 DODECANESE ISLANDS                   (369)
      ML 4.0 (ATH).

IZM     1.44  352 iPn    35 34.50    0.0
ELL     1.94   96 iPn    35 42.60    0.7
NPS     2.30  223 ePn    35 45.00   -1.9
                  eSg    36 20.90
PRK     2.47  337 ePn    35 49.10   -0.3
BCK     2.50   78 ePn    35 50.40    0.5
ALT     2.92   44 ePn    35 55.50   -0.3
ATH     3.18  289 ePg    36 08.60    9.2X
                  eSg    36 50.30
EDC     3.38    5 ePn    36 07.00    4.7X
DMK     4.85    2 eP     36 20.40   -2.6
VAY     5.80  320 ePn    36 49.20   12.7X
MLR     8.59  353 eP     37 20.00    4.3X
LOR    20.27  308 P      39 46.30    0.5
SSF    20.41  307 eP     39 49.10    1.7!
       0.9s      8.80nm            4.1mb
AVF    20.42  306 eP     39 48.20    0.8
       0.8s      6.40nm            4.0mb
BGF    20.67  305 eP     39 50.00    0.0
       0.9s     11.00nm            4.2mb
GRC    20.77  307 iPc    39 51.90    0.9
GBA    50.11  104 Pc     44 00.50   -4.2X
       0.4s      6.10nm            5.0mb
     S.D. = 1.3  on  12 of  17 obs.

*  APR  10, 1985  09h 30m 41.07± 0.99s
   6.026 S ±16.6km   106.767 W ±21.8km
   DEPTH =  10.0km  (geophysicist)
   4.5mb ( 11 obs.)  4.4Msz (  2 obs.)
 NORTHERN EASTER I. CORDILLERA        (694)

LTX    35.28    5 eP     37 55.00   16.7X
       1.6s      6.21nm
ZOBO   39.18  108 e(P)   38 12.00    0.1
       1.2s      7.77nm            4.3mb
LPB    39.26  109 eP     38 13.00    0.6
     Z  24s      1.94um            4.9MszX
                  LR     47 22.00
GLA    39.61  349 eP     38 16.00    1.4
BAR    39.63  347 eP     38 16.00    1.3
PLM    40.32  347 eP     38 13.00   -7.6X
ALQ    40.75    0 eP     38 24.00   -0.1
       1.5s     12.50nm            4.4mb
     Z  19s      0.52um            4.4Msz
TPC    40.87  348 eP     38 25.00    0.0
CCH    41.26  109 eP     38 31.00    2.3
PAS    41.39  346 eP     38 30.00    0.9
MWC    41.43  346 eP     38 31.00    1.3
BHO    41.73   15 eP     38 33.00    1.1
SBB    41.82  346 eP     38 35.00    2.2
GSC    42.18  348 eP     38 37.00    1.3
CLC    42.85  347 eP     38 42.00    0.8
TUL    42.97   13 eP     38 40.70   -1.4
       1.0s     13.50nm            4.6mb
     Z  18s      0.41um            4.4Msz
RLO    43.39   14 eP     38 45.30   -0.2
MNA    45.48  347 ePc    39 06.00    3.5X
JAS1   45.54  345 iPc    39 04.40    1.6
EUR    46.07  350 iP     39 10.50    3.2X
       1.0s      5.77nm            4.5mb
BMN    47.22  349 eP     39 17.80    1.6
       1.2s      4.44nm            4.4mb
ORV    47.35  344 eP     39 20.30    3.2X
WDC    48.59  344 eP     39 27.10    0.3
BDW    48.64  357 eP     39 26.90   -0.4
       0.8s      1.02nm            3.9mb
RSSD   49.97    3 eP     39 37.40   -0.2
       1.0s      3.00nm            4.2mb
LRM    51.86  355 eP     39 52.00    0.0
NEW    54.82  352 eP     40 13.00   -0.6
SES    56.31  357 eP     40 23.00   -1.3
RSON   57.77   10 eP     40 33.40   -1.2
       1.0s      6.00nm            4.6mb
EDM    59.29  355 ePd    40 43.40   -1.8
FFC    60.66    3 eP     40 52.00   -2.5
       0.8s      6.00nm            4.8mb
YKC    68.56  356 ePd    41 44.00   -1.8
       0.7s     12.00nm            5.2mb
YKA    68.59  356 eP     41 44.70   -1.2
FRB    75.28   17 eP     42 24.00   -1.8
INK    76.49  350 eP     42 32.00   -0.5
                  pP     42 42.00   32kmX
COL    76.95  343 eP     42 34.00   -1.2
MBC    82.47  357 eP     43 05.00    0.4
       1.0s     12.00nm            5.0mb
SPA    84.01  180 e(P)   43 12.00   -1.0
     S.D. = 1.3  on  33 of  38 obs.

?  APR  10, 1985  09h 38m 06.46± 1.77s
   4.483 N ±25.5km   122.862 E ±26.5km
   DEPTH = 598.8 ± 21.7 km
   4.9mb (  3 obs.)
 CELEBES SEA                          (262)

KKM     6.80  283 ePc    39 55.60    0.4
       0.5s    114.50nm            5.2mb X
WRA    26.77  155 Pc     43 00.70   -1.4
       0.5s     19.70nm            5.0mb
WB2    26.77  155 iPc    43 00.70   -1.4
CHTO   27.36  303 eP     43 07.50    0.2
       0.8s      1.10nm            3.5mb X
MEK    31.19  187 eP     43 40.00    0.1
       0.4s     17.00nm            5.0mb
MRWA   34.15  191 eP     44 05.30    0.6
       0.3s      3.00nm            4.4mb
HYB    45.23  290 eP     45 33.00   -0.6
YOU    45.45  150 eP     45 35.70    0.7
GBA    45.69  285 Pd     45 36.80   -0.3
CAN    46.59  150 iPd    45 44.60    0.9
WAM    47.23  151 eP     45 49.40    0.9
     S.D. = 1.0  on  11 of  11 obs.

*  APR  10, 1985  09h 58m 24.18± 2.16s
   66.044 N ±22.2km   150.254 W ±11.2km
   DEPTH =  10.0km  (geophysicist)
 ALASKA                               (676)
      ML 3.9 (PMR).

IMA     1.39  273 iPc    58 50.30    0.5
COL     1.54  137 iP     58 50.90   -0.8
                  i      58 53.30
                  eS     59 12.00
FBA     1.54  137 iPd    58 51.00   -0.7
TTA     4.00  221 eP     59 26 20   -0.6
TOA     4.34  154 iPc    59 33.00   -0.2
PME     4.47  172 eP     59 34 90   -0.5
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10d 09h

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PWS      4.83 176 eP     59 41.20   2.5X
DWU      5 00 109 P      59 38.00  -3.0X
                 S       02 27.00
SVW      5.50 208 eP     59 47.10  -1.0
INK      6.90  63 eP     00 02.00  -5.6X
YKA     15.74  86 eP     02 11.30   4.2X
      S.D. = 1.3  on   7 of  11 obs.

*  APR  10, 1985  10h 44m 41.34± 0.89s
   37.064 N ± 9.0km   31.169 E ± 9.7km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

BCK      0.61 311 iPn    44 53.50  -0.2
ELL      1.06 253 iPn    45 01.60   0.2
ALT      2.16 338 iPn    45 18.50   0.6
CSS      2.73 139 eP     45 26.00  -0.1
IZM      3.37 294 ePn    45 35.00  -0.1
EDC      4.17 323 iP     45 46.00  -0.4
      S.D. = 0.5  on   6 of   6 obs.

?  APR  10, 1985  12h 26m 00.46± 2.44s
   38.260 S ±29.8km   72.101 W ±22.1km
   DEPTH =  33.0km  (normal)
   4.5mb (  2 obs.)
 CENTRAL CHILE                       (136)

LNV      4.33   8 iPc    27 09.10   3.5X
RFA      4.55  41 eP     27 09.00   0.1
PEL      5.23  13 iPd    27 20.00   1.5
JACH     5.70  13 eP     27 23.50  -1.6
TCA      9.26  44 ePc    28 14.50  -0.3
YJA     17.01  21 ePc    29 59.00   1.1
CCH     21.45  16 Pc     30 51.00   2.7X
LPB     21.93  10 P      30 57.00   3.7X
                 LR      38 54.00
ZOBO    22.18  10 e(P)   30 54.80  -1.2
        0.8s    16.93nm          4.5mb
                 e       30 57.00
LTX     73.43 332 e(P)   37 32.00   0.7
ALQ     79.49 332 eP     38 05.00  -0.3
        1.0s     4.25nm          4.4mb
HYB    146.99 121 ePKP   45 33.00  -6.6X
      S.D. = 1.3  on   8 of  12 obs.

?  APR  10, 1985  12h 52m 05.36±11.34s
   17.246 N ±154.km   62.197 W ±128.km
   DEPTH =  33.0km  (normal)
 LEEWARD ISLANDS                     ( 92)

FDF      2.69 158 eP     52 47.48   0.1
                 S       53 20.00
CRM      2.77 153 eP     52 48.30   0.0
BIM      2.92 158 eP     52 50.45  -0.2
MVM      2.95 155 eP     52 51.11   0.0
SJG      3.87 283 iPd    53 04.00   0.0
      S.D. = 0.1  on   5 of   5 obs.

   APR  10, 1985  12h 55m 36.00± 0.93s
   35.849 N ± 7.6km   137.688 E ± 7.6km
   DEPTH =  10.0km  (geophysicist)
 HONSHU, JAPAN                       (227)
      Felt (I JMA) at Iida.

IID      0.36 160 iPd    55 43.30  -0.1
                 iS      55 48.80
MAT      0.81  31 iPc    55 50.60  -1.1
                 iS      56 01.30
HMM      1.14 179 eP     55 56.00  -1.3
                 S       56 12.30
DDR      1.23  83 iPc    55 59.10   0.2
                 e       56 15.30
HIY      1.31 244 eP     56 01.00   0.8
                 S       56 16.90
OYM      1.34 108 eP     56 00.30  -0.4
YOK      1.65 104 eP     56 08.00   2.8X
                 iS      56 32.70
TSK      2.00  79 iPc    56 10.60   0.5
KYS      2.11 107 eP     56 13.10   1.3
      S.D. = 1.1  on   8 of   9 obs.

?  APR  10, 1985  13h 16m 42.48± 3.66s
   6.312 S ±66.0km   106.761 W ±74.6km
   DEPTH =  10.0km  (geophysicist)
   4.2mb (  1 obs.)
 NORTHERN EASTER I. CORDILLERA       (694)

LPB     39.16 108 P      24 13.00   0.0
                 LR      36 00.00
ALQ     41.03   0 eP     24 28.00   0.1
        1.2s     5.47nm          4.2mb
EDM     59.57 355 eP     26 49.00   0.4
YKC     68.85 356 eP     27 48.00  -0.9
YKA     68.87 356 eP     27 48.80  -0.3
INK     76.77 350 eP     28 36.00   0.5
      S.D. = 0.7  on   6 of   6 obs.

?  APR  10, 1985  13h 47m 07.26± 1.94s
   33.571 N ±18.6km   141.359 E ±46.3km
   DEPTH =  33.0km  (normal)
 OFF EAST COAST OF HONSHU, JAPAN     (229)

KYS      1.91 329 eP     47 37.70  -0.3
OYM      2.54 317 eP     47 10.60 -36.5X
SRY      2.66 320 eP     47 47.90  -0.9
TSK      2.83 339 eP     47 51.20   0.1
DDR      3.01 324 eP     47 53.90   0.2
MAT      3.93 320 iPc    48 07.70   0.9
                 eS      48 50.00
WB2     53.63 188 eP     56 27.70   0.0
      S.D. = 0.7  on   6 of   7 obs.

*  APR  10, 1985  14h 12m 13.59± 1.70s
   23.639 N ±11.0km   121.547 E ±17.8km
   DEPTH =  10.0km  (geophysicist)
 TAIWAN                              (244)

TWF1     0.37 219 iPd    12 21.50   0.4
TWD      0.44   6 iPd    12 23.00   0.4
                 eS      12 31.00
TWQ      0.91 314 iPd    12 31.20   0.2
                 eS      12 45.20
TWC      1.00  16 iP     12 31.50  -1.1
TWK      1.04 249 iPd    12 32.50  -0.8
TATO     1.33 358 eP     12 37.00  -1.1
ANP      1.54 359 eP     12 43.00   1.8
      S.D. = 1.3  on   7 of   7 obs.

*  APR  10, 1985  15h 16m 42.62± 0.88s
   50.451 N ± 5.7km    6.118 E ± 9.6km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                             (543)

MEM      0.17 336 Pg     16 46.30  -0.2
                 Lg      16 49.20
GSH      0.33  30 iPc    16 49.50   0.0
                 eS      16 54.60
ENN      0.34 339 iPgd   16 49.80   0.2
        0.7s    11.00nm
                 iSg     16 55.00
WLF      0.79 178 Pgc    16 57.90   0.0
                 Lg      17 07.20
DOU      1.04 251 iPg    17 02.30   0.1
                 Lg      17 15.70
      S.D. = 0.2  on   5 of   5 obs.

?  APR  10, 1985  15h 23m 04.50± 7.19s
   31.369 S ±40.5km   68.741 W ±50.8km
   DEPTH = 111.2 ± 55.7 km
 SAN JUAN PROVINCE, ARGENTINA        (137)

RTCB     0.13 203 iPd    23 20.30  -0.2
                 S       23 32.50
RTLL     0.24  81 ePd    23 20.30  -0.4
                 S       23 32.30
CFA      0.49 119 iPd    23 22.30   0.6
                 S       23 35.20
VCA      2.66  10 ePd    23 47.00   0.1
                 S       24 19.10
TCA      3.55  91 iPd    23 58.60  -0.2
                 S       24 39.50
      S.D. = 0.8  on   5 of   5 obs.

   APR  10, 1985  15h 30m 49.74± 0.48s
   44.880 N ± 6.9km   100.288 E ± 7.9km
   DEPTH =  33.0km  (normal)
   4.6mb (  6 obs.)
 MONGOLIA                            (334)

GTA      5.48 184 iPnc   32 12.50   1.2
                 Pg      32 30.50
                 Sn      33 20.00
                 Sg      33 40.50
BTO      8.34 117 ePn    32 51.70   0.3
                 Lg      35 18.00
WMQ      9.09 268 eP     32 59.50  -2.2
                 S       35 16.80
LZH      9.19 162 eP     33 03.50   0.3
                 Lg      35 25.50
                 Lg      35 39.00
HHC      9.21 112 Pd     33 03.40   0.1
BJI     12.69 107 eP     34 05.00  14.5X
                 eLg     37 35.00
XAN     12.71 145 eP     33 48.80  -2.0
                 eLg     37 30.00
CD2     14.21 168 P      34 13.80   3.1X
CN2     18.01  85 P      35 02.40   3.4X
GYA     19.09 162 P      35 15.60   3.3X
KMI     19.81 173 eP     35 20.00  -0.6
KKN     20.85 220 iPd    35 31.50   0.2
PKI     20.98 220 iPd    35 33.20   0.4
        0.5s    29.00nm          4.9mb
DMN     21.08 220 iPd    35 34.30   0.5
        0.6s    27.00nm          4.8mb
NDI     24.43 236 eP     36 12.00   5.6X
CHTO    26.01 183 eP     36 22.30   0.9
        1.0s     1.75nm          3.6mb
HYB     32.89 221 eP     37 22.00  -0.9
KJF     43.49 323 iP     38 53.20   2.1
        0.6s    10.40nm          4.8mb
SUF     44.47 321 eP     39 01.00   2.0
NUR     45.70 318 eP     39 17.00   8.1X
APO     50.68 320 eP     39 45.60  -2.0
        0.6s     2.10nm          4.3mb
NB2     51.69 322 P      39 56.20   0.9
        0.8s     3.20nm          4.3mb
COL     58.48  28 eP     40 45.00   0.6
INK     60.23  20 eP     40 55.00  -1.5
YKA     69.39  16 eP     41 55.80   0.0
YKC     69.43  16 eP     41 55.00  -1.0
WB2     71.60 146 eP     42 10.20   0.5
      S.D. = 1.3  on  21 of  27 obs.

*  APR  10, 1985  16h 21m 34.23± 1.35s
   6.869 N ±12.3km   72.877 W ±15.9km
   DEPTH = 187.7 ± 13.7 km
   4.1mb (  5 obs.)
 NORTHERN COLOMBIA                   ( 99)

UAV      2.44  45 iPnc   22 16.70  -0.6
        0.3s    57.30nm
SDV      2.99  48 ePn    22 23.70  -0.1
LGN      3.62  26 ePn    22 42.00  10.6X
TOV      4.21  46 ePn    22 39.00   0.1
        0.5s    53.80nm
UPA      6.92 288 iPc    23 48.10  33.9X
        0.8s    32.84nm
                 i       24 19.80
                 i       24 23.00
GUV      9.75  84 iPd    23 20.00 -31.3X
PCJ     11.59 339 iP     24 15.77   0.5
                 e       26 07.19
GWJ     11.76 342 eP     24 17.55   0.0
                 eS      26 17.55
STH     11.78 341 eP     24 18.67   0.9
                 eS      26 15.64
ZOBO    23.47 168 ePc    26 29.30   0.5
        0.8s    5.27nm           4.2mb
                 e       27 08.00 202kmX
LTX     36.61 311 eP     28 23.50  -0.8
GOL     43.80 323 eP     29 23.80   0.3
        0.5s    2.70nm           4.1mb
GLA     46.79 310 eP     29 47.30   0.4
RSON    47.15 342 eP     29 49.00  -0.4
BDW     48.19 324 eP     29 58.00   0.2
        0.9s    2.56nm           3.7mb
BMN     51.77 317 eP     30 23.00  -2.0
YKC     63.25 340 eP     31 44.00  -0.5
        0.8s    7.00nm           4.6mb
YKA     63.30 340 eP     31 45.00   0.1
INK     73.05 340 eP     32 45.00   0.0
MBC     73.80 350 eP     32 50.50   1.3
        0.5s    2.00nm           4.1mb
      S.D. = 0.8  on  17 of  20 obs.

   APR  10, 1985  16h 26m 20.57± 0.20s
   29.962 N ± 2.2km   138.927 E ± 2.4km
   DEPTH = 420.0 ±  1.8 km
   5.8mb (101 obs.)
 SOUTH OF HONSHU, JAPAN              (211)
      mb 5.8 (PAS). Felt (IV JMA) at
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Utsunomiya and (III JMA) at Yokohama, Tokyo, Nikko and Fukushima. Felt in large parts of central and northern Honshu and on Chichi-shima. Also felt (I JMA) on Hajijo-jima and at Obihiro, Hokkaido.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=330 Dip=80 Slip= -70
NP2: 86 22 -153
Principal Axes:
T Plg=32 Azm= 43
P 51 263
Comment: The focal mechanism is well controlled and corresponds to normal faulting with a moderate strike-slip component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 403 No. of sta: 13
Moment Tensor; Scale 10**25 d-cm
Mrr=-1.21 Mtt= 1.54
Mff=-0.33 Mrt= 0.98
Mrf=-2.40 Mtf=-1.29
Principal axes:
T Val= 3.23 Plg=27 Azm= 39
N -0.02 27 144
P -3.21 50 272
Best Double Couple:Mo=3.2*10**25
NP1:Strike= 83 Dip=30 Slip=-154
NP2: 331 77 -62
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 28C
Centroid Location:
Origin Time 16:26:22.1 0.1
Lat 29.92N 0.02 Lon 138.86E 0.03
Dep 398.1 0.9 Half-duration 5.2
Moment Tensor; Scale 10**25 D-CM
Mrr=-1.69 0.04 Mtt= 1.04 0.07
Mff= 0.65 0.08 Mrt= 0.73 0.07
Mrf=-2.44 0.05 Mtf=-1.15 0.06
Principal Axes:
T Val= 3.10 Plg=26 Azm= 52
N 0.13 17 151
P -3.23 58 270
Best Double Couple:Mo=3.2*10**25
NP1:Strike=107 Dip=24 Slip=-136
NP2: 336 73 -72

HJJ	3.22	13	iPd	27	26.40	-1.1
			iS	28	16.50	
CBI	4.05	134	iP	27	30.90	-3.9
			eS	28	26.00	
SHJ	4.40	323	iPc	27	38.80	0.6
			S	28	37.30	
OWA	4.70	331	eP	27	42.00	0.8
			eS	28	41.00	
OSH	4.80	4	Pd	27	40.40	-1.7
			S	28	42.60	
HMM	4.84	348	iPd	27	43.20	0.7
			iS	28	47.40	
SHZ	5.02	355	Pd	27	44.00	-0.3
			iS	28	46.90	
AJI	5.07	2	iPd	27	43.60	-1.2
			S	28	47.20	
TAT	5.07	9	Pc	27	42.40	-2.4
			iS	28	46.00	
MIS	5.13	0	iPd	27	44.30	-1.2
			iS	28	49.50	
TSU	5.15	337	Pc	27	47.00	1.4
			iS	28	54.40	
MRT	5.21	310	iPc	27	47.90	1.6
			iS	28	53.50	
WKY	5.32	324	iPc	27	48.70	1.3
			S	28	52.00	
KYS	5.32	11	iPd	27	52.60	5.2X
OSK	5.40	330	Pc	27	49.30	1.0
			S	28	58.70	
NAG	5.45	343	iPc	27	50.20	1.5
			iS	28	59.20	
OYM	5.45	3	iPd	27	46.30	-2.5
TKS	5.51	319	iPc	27	50.70	1.3
			iS	28	55.90	
OSA	5.52	329	Pc	27	50.80	1.4
			S	29	01.80	
IID	5.61	351	iPc	27	50.80	0.3
			iS	28	59.80	
SRY	5.64	3	iPd	27	52.60	1.8
KOB	5.68	327	Pc	27	52.30	1.1
			e	28	59.00	
KOF	5.70	357	eP	27	50.00	-1.4
			S	28	59.30	
KYO	5.71	333	Pc	27	53.00	1.5
			S	29	04.50	
GIF	5.72	342	iPc	27	52.60	1.0
			S	29	02.70	
TOK	5.75	7	Pd	27	49.70	-2.2
			S	28	58.20	
ASZ	5.75	300	iPc	27	53.20	1.3
			iS	29	06.80	
HIK	5.76	338	iPc	27	53.60	1.6
			iS	59	05.50	
KOC	5.82	309	iPc	27	54.20	1.5
			S	29	07.50	
CHO	5.97	15	Pd	27	52.30	-1.9
			iS	29	01.20	
TKM	5.99	318	Pc	27	55.70	1.2
			eS	29	03.00	
DDR	6.02	2	iPd	27	52.60	-2.3
HIM	6.03	325	eP	27	56.00	1.1
			iS	29	10.20	
KMG	6.18	3	Pd	27	54.30	-2.2
			eS	29	06.00	
TSK	6.31	9	iPd	27	54.30	-3.6X
OKA	6.33	319	Pc	27	59.10	0.9
			eS	29	16.00	
MAE	6.42	1	Pc	27	57.30	-1.9
			eS	29	11.00	
FUK	6.48	340	iPc	28	00.60	0.8
			S	29	14.00	
MTY	6.50	308	Pc	28	01.90	1.9
			e	29	19.00	
MIT	6.53	11	Pd	27	57.50	-2.8
			S	29	07.90	
TYK	6.54	329	eP	28	01.00	0.6
			e	29	10.00	
MAT	6.59	355	iPc	27	59.30	-1.7
			eS	29	16.00	
UTS	6.61	7	Pc	27	58.00	-3.2
			iS	28	08.00	
NGN	6.71	355	P	28	01.00	-1.3
			iS	29	19.10	
NOB	6.73	295	Pc	28	05.00	2.5
			S	29	25.20	
MYZ	6.73	289	iPc	28	05.30	2.8
			S	29	25.60	
TOT	6.83	325	P	28	04.90	1.3
			S	29	25.20	
KAN	6.84	344	iPc	28	04.20	0.5
			iS	29	26.20	
TOY	6.88	348	Pc	28	04.00	-0.1
			S	29	23.70	
TAJ	6.89	278	iPc	28	06.00	1.7
			iS	29	31.30	
SHK	6.98	312	iPd	28	06.20	0.9
			iS	29	30.30	
OIT	7.03	299	iPc	28	08.60	2.8
			iS	29	28.30	
HIR	7.04	310	ePc	28	07.00	1.1
			S	29	31.50	
TKD	7.15	356	Pc	28	05.90	-1.2
			S	29	26.00	
ONA	7.16	13	Pc	28	05.40	-1.8
			iS	29	24.90	
ASJ	7.31	295	iPd	28	11.70	2.6
			iS	29	40.50	
MTS	7.37	320	Pd	28	11.50	1.9
			S	29	33.30	
KAG	7.38	285	eP	28	09.00	-0.7
			eS	29	32.00	
KUM	7.58	294	Pd	28	13.70	1.8
			S	29	44.30	
HMD	7.60	312	eP	28	13.00	0.9
			iS	29	44.10	
WAJ	7.60	348	iPc	28	11.20	-1.0
			eS	29	31.00	
SAI	7.80	324	eP	28	15.00	0.6
			S	29	46.00	
SHN	7.86	302	P	28	17.10	1.9
			iS	29	50.40	
FKS	7.88	9	Pc	28	13.70	-1.6
			S	29	40.00	
UNZ	7.91	293	Pd	28	17.40	1.7
MVI	7.95	241	P	28	17.40	1.2
			eS	29	36.00	
SAG	8.05	296	eP	28	19.00	1.8
			eS	29	55.00	
AIK	8.06	356	iPc	28	14.80	-2.5
			iS	29	42.90	
FKK	8.12	299	iPd	28	19.70	1.6
			iS	29	56.30	
NGS	8.22	292	Pd	28	21.00	1.8
			iS	29	57.20	
YAM	8.35	8	iPc	28	19.50	-1.2
			iS	29	50.50	
NZJ	8.39	261	iPc	28	21.70	0.5
			eS	29	55.00	
SEN	8.44	11	Pc	28	20.00	-1.6
			S	29	52.50	
ISN	8.67	12	Pc	28	22.50	-1.8
			S	29	56.60	
FKJ	9.05	290	Pd	28	30.50	1.8
			iS	30	14.00	
IZU	9.20	300	Pd	28	32.00	1.6
			S	30	15.00	
OFU	9.36	13	iPc	28	31.30	-0.9
			iS	30	11.60	
AKI	9.78	5	Pc	28	36.60	-0.4
			S	30	17.30	
MRK	9.88	10	iPc	28	37.20	-1.1
			S	30	23.70	
MIY	9.98	14	iPc	28	38.20	-1.1
			iS	30	24.90	
NGO	10.22	253	Pd	28	43.20	1.1
			S	30	32.30	
NAH	10.61	252	ePd	28	47.00	0.5
			iS	30	48.00	
HAC	10.75	11	iPc	28	46.80	-1.3
			S	30	42.70	
AOM	10.94	7	iPc	28	49.80	-0.4
			S	30	50.00	
KMJ	11.29	254	Pd	28	54.50	0.3
			eS	30	58.00	
HAK	11.92	7	eP	29	00.00	-1.2
			eS	31	07.00	
MRR	12.44	7	iPc	29	05.40	-1.4
			e	31	17.00	
SEO	12.58	310	iPd-	29	05.90	-1.6
	1.5s	2111	.11nm			6.3mb
			iS	31	21.40	
URA	12.56	13	iP	29	08.20	0.1
			eS	31	22.00	
SUT	12.85	4	iPc	29	10.50	-0.7
			S	31	27.20	
MYK	13.17	250	Pd	29	15.40	0.6
			S	31	39.50	
SAP	13.21	8	Pc	29	14.30	-0.8
			eS	31	34.00	
OBI	13.38	14	iPc	29	17.20	0.3
			iS	31	44.50	
KUS	13.71	17	Pc	29	20.00	-0.4
			S	31	51.80	
ASA	14.05	10	iPc	29	23.90	-0.2
			S	31	52.10	
RMJ	14.13	8	iPc	29	24.60	-0.3
			S	31	53.40	
ISI	14.28	250	Pd	29	26.30	-0.3
			S	31	59.30	
NEM	14.36	20	iPc	29	27.00	-0.4
			S	31	58.10	
ABJ	14.66	15	Pc	29	30.90	0.4
			S	32	06.50	
SSE	15.33	279	iPd-	29	35.00	-2.6
	6.0s	9	.00nm			3 4mb X
			iS	32	12.00	
			sS	32	16.00	
WAK	15.58	7	iPc	29	41.80	1.7
			S	32	25.70	
ANP	16.15	257	iP-	29	46.00	-0.2
			iS	32	35.00	
TATO	16.25	256	eP	29	45.70	-1.4
MDJ	16.39	336	iPd	29	48.00	-0.3
			sP	31	26.00	
			iS	32	36.00	
			PcS	37	55.00	
			ScS	40	48.00	
			ScP	47	07.00	
DL2	16.81	307	iPd	29	51.00	-1.6
			S	32	42.00	

10d 16h

SNY	17.14	318	iPd	29	55.80	−0.1		0.8s	80.20nm		5.1mb				sP	36	54.00						
			sP	31	34.00					eS	34	51.80				S	41	40.00					
			S	32	47.50		KMI	32.36	270	iPd	32	15.00	−0.2	VIS	51.88	270	iP	34	53.00	2.7			
			ScS	40	51.00					PP	33	43.00		DDI	52.06	287	eP	34	51.00	−0.6			
GUMO	17.20	160	eP	29	57.80	1.1				iS	36	57.00					eS	41	43.00				
			(PcP)	36	20.20		MOM	32.84	164	eP	32	18.50	−0.4	TTA	52.46	32	iPc	34	54.20	0.1			
PJG	17.20	160	eP	29	57.60	0.9	GTA	33.30	297	iPd	32	22.50	−0.3	NDI	53.23	285	iP	34	58.70	−1.3			
GUA	17.26	160	eP	29	57.00	−0.3				PP	33	51.20					iS	41	55.20				
	0.8s	131.34nm			5.4mb					iS	37	10.20		ASPA	53.54	186	eP	35	00.00	−2.2			
			eS	31	37.00					SS	39	50.60					ePP	37	06.00				
NJ2	17.34	282	iPd	29	55.00	−2.9	SMY	34.33	38	iPc	32	32.50	1.4				eS	42	01.00				
			sP	31	37.00					e	33	59.00					eScS	44	10.00				
			iS	32	54.00		AAI	35.00	199	ePd	32	36.70	−0.4	BRW	53.73	21	iPc	35	03.70	0.7			
			iScP	37	14.30			0.8s	1226.70nm		6.3mb			IMA	53.86	28	iPc	35	04.40	0.2			
CN2	17 49	326	iPd	29	59.00	−0.4	LOE	36.12	258	eP	32	45.00	−1.6				i	36	04.80				
			sP	31	40.00		RAB	36.25	157	eP−	32	40.00	−7.6X	KDC	53.89	38	iPc	35	03.90	−0.4			
			iS	32	55.00		CHTO	37.89	262	iPd	33	01.20	0.1	MBL	54.05	202	iPd	35	05.40	−0.5			
			ScP	37	13.40			1.2s	201.39nm		5.4mb			PMR	55.59	33	iPc	35	15.60	−0.7			
OZH	18 72	259	iPd	30	11.00	−0.6				eS	38	28.00			1.0s	50.00nm				4.8mb			
			iS	33	19.00		NST	38.29	257	iPd	33	04.80	0.5	HYB	56.12	272	iPd	35	19.80	−0.9			
TIA	19.29	295	Pd	30	16.10	−1.0	BDT	38.52	260	iPd	33	07.40	1.2		1.0s	315.00nm				5.6mb			
			sP	32	02.70			0.7s	282.00nm		5.7mb						e	35	53.50				
			S	33	31.50		ADK	39.26	43	iPc	33	12.20	0.3	COL	56.23	29	iPc	35	20.30	−0.4			
			ScS	40	58.50		MKS	39.64	211	iPd	33	16.00	0.6	Z	17s	2.72um				5.4MszX			
CVP	19.81	236	ePc	30	20.50	−1.7		0.6s	244.00nm		5.7mb						e	36	44.00				
			eS	30	58.50		LMG	39.65	166	eP	33	15.50	−0.2				iS	42	39.00				
SZP	20.90	238	iPd	30	33.00	0.2	PMG	39.94	167	eP	33	17.50	−0.3	FBA	56.23	29	iPc	35	20.20	−0.5			
BJI	21.12	365	iPd−	30	34.00	−0.8	LSA	41.21	282	iPd	33	29.10	0.5	NAU	56.86	206	iPd	35	25.00	−0.5			
			sP	32	26.00					ipP	34	47.00	401kmX	WBN	57.02	193	iPd	35	26.30	−0.4			
			S	33	54.00					sP	35	33.00		MID	57.05	36	eP	35	26.10	−0.4			
			ScP	37	23.00					iS	39	11.00		NOU	58.32	150	iPd	35	35.10	−0.5			
			ScS	41	05.00		SHL	41.64	276	iP	33	31.00	−0.8				iS	36	59.00				
WHN	21 23	278	iPd	30	36.00	0.1				iS	39	14.00		BRS	58.55	166	iPd	35	36.20	−0.9			
			isP	32	29.00		SNG	42.49	246	eP	33	34.00	−4.5X				i	36	12.50				
			iS	34	04.00		KUPT	42.52	203	eP	33	39.00	0.4				i	36	24.50				
BAG	21.55	235	ePd−	30	36.80	−2.4				eS	35	24.00					i	43	09.00				
			i	32	30.00		WMO	42.59	304	iPd	33	38.50	−0.6	GBA	58.74	268	Pd	35	37.80	−0.9			
			eS	34	06.50					PcP	35	24.00			1.0s	761.20nm				6.1mb			
MAN	22.41	231	iP	30	46.00	−0.9				sP	35	42.00		MEK	59.54	201	eP	35	42.00	−1.9			
OCP	22.43	231	eP	30	57.00	9 9X				S	39	29.20			0.6s	145.00nm				5.6mb			
PLP	22.77	218	ePd	30	49.50	−0.7				sS	41	49.00		POO	59.74	275	iPc	35	45.00	−0.5			
			iS	30	57.50					ScS	42	52.00					iS	37	52.00				
TIY	23 27	296	iPd	30	54.50	−0.3	AGT	42.70	274	iP	33	40.00	−0.1	KOD	60.28	265	iP	35	49.00	−0.4			
			pP	32	02.50		TURI	42.98	276	eP	33	44.00	1.8		1.0s	580.00nm				6.0mb			
			sP	32	49.50		KGM	43.74	237	ePd	33	48.90	0.5				ePP	37	57.00				
			S	34	34.50			1.5s	498.20nm		5.7mb						eS	41	34.00				
HKC	23.47	257	iP	30	56.50	0.0				e	35	28.00		BOM	60.48	276	iP	35	48.00	−2.3			
			isP	32	53.00		SVO	43.77	149	eP	33	51.00	2.5				iS	46	06.00				
			iS	34	35.00		IPM	43.78	242	iPd	33	48.40	−0.3	PNL	60.53	35	iPc	35	50.40	0.3			
GZH	23.86	259	iPd	30	59.70	−0.5		0.9s	237.00nm		5.6mb			CMS	61.46	173	iPd	35	55.90	−0.5			
			sP	32	54.50					e	33	59.20			0.8s	84.00nm				5.3mb			
			S	34	46.00					i	35	27.70		STK	61.56	177	iPd	35	56.50	−0.5			
HHC	24.71	303	iPd	31	07.00	−0.9	VSG	43.82	150	eP	33	51.00	2.1	TRD	61.57	263	iP	35	55.30	−2.2			
			sP	33	06.00		HNR	44.08	149	eP	33	53.00	2.0	INK	61.65	25	iPc	35	56.10	−1.2			
			PcP	34	32.00					e(S)	37	40.00			0.4s	116.00nm				5.8mb			
			S	35	00.00		KLM	44.26	240	ePc	33	53.00	0.5	KLG	62.65	197	eP	36	03.00	−1.3			
CGP	25.21	215	ePd	31	09.40	−3.0X	TRT	45.18	218	iPd	33	58.00	−1.6	MRWA	62.78	203	iPd	36	04.20	−0.9			
XAN	25.72	287	iPd	31	15.80	−1.2		2.0s	414.90nm		5.5mb			SIT	63.17	38	iPc	36	07.90	0.6			
			sP	33	14.60		TSI	46.36	243	ePd	34	08.00	−0.8	MBC	63.88	15	iPc	36	11.70	0.1			
			ScP	37	36.50		KNA	46.49	194	iPd	34	09.10	−0.6	KLB	64.43	200	iPd	36	15.00	−0.7			
			ScS	41	20.00			0.4s	330.00nm		6.1mb				0.6s	276.00nm				6.1mb			
BTO	25.77	302	iPd	31	17.00	−0.4	PKI	46.62	281	iPd	34	10.90	−0.3	AFI	64.48	125	P	36	17.00	0.7			
			pP	32	27.00		KKN	46.67	281	iPd	34	11.40	0.0	RIV	64.49	169	eP	36	16.00	0.1			
			sP	33	15.00		DMN	46.87	281	iPd	34	13.00	0.0				ePP	38	25.00				
DAV	25.99	212	eP−	31	18.00	−1.4	BOK	47.43	276	eP	34	15.00	−2.0				eS	44	24.00				
			eS	35	18.00		PPI	47.55	238	ePd	34	17.70	−0.2				eScS	45	34.00				
OIZ	28.54	254	iPd	31	42.00	0.1		0.7s	261.70nm		5.7mb						e	46	55.00				
			pP	32	53.50	395kmX	BSI	47.72	248	iPc	34	18.00	−1.2	YOU	64.51	171	iPd	36	16.30	0.2			
GYA	28 59	271	Pd	31	41.00	−1.5				iS	34	23.00					e	37	50.20				
			pP	32	55.00	412kmX	VAR	49.35	279	eP	34	31.00	−0.5	ADE	64.58	180	iPd	36	16.50	0.0			
			sP	33	41.00					iS	41	07.00			0.8s	208.96nm				5.8mb			
			S	35	57.00		SDN	49.35	41	iPc	34	29.90	−1.2	MHI	65.07	299	iPd−	36	20.00	0.1			
LZH	29 93	291	iPd	31	53.50	−0.6	WB2	49.81	186	iPd	34	33.80	−1.1		1.0s	184.00nm				5.7mb			
	5 0s	6110.00nm			6.2mb X					eS	41	08.20					e	37	46.00				
E	10s	7.60um					WRA	49.81	186	Pc	34	31.80	−3.1X				e	38	26.00				
			pP	33	07.00	401kmX		0.7s	246.50nm		5.7mb						eSn	44	30.00				
			sP	33	53.00		CTA	50.26	171	iPd−	34	37.20	−1.1	MUN	65.27	201	eP	36	21.00	0.1			
			S	36	19.00			0.8s	134.70nm		5.3mb				0.7s	112.00nm				5.6mb			
			SS	38	46.00					iS	41	16.00		CAN	65.62	171	iPd	36	23.20	0.0			
CD2	30.26	281	iPd	31	56.20	−0.7				iScS	43	36.00					e	37	56.30				
			pP	33	09.50	398kmX	CTAO	50.26	171	eP	34	37.50	−0.8	NWAO	65.84	200	iPd	36	24.20	−0.3			
			sP	33	54.00			1.3s	225.55nm		5.3mb				0.6s	235.00nm				6.0mb			
MNI	31.36	208	ePd	32	05.50	−0.9	ISO	50.39	179	iPd	34	38.30	−0.9	WAM	66.47	171	iPd	36	28.60	0.3			
	0.9s	447.60nm			5.8mb			0.6s	341.00nm		5.9mb			KHI	66.48	297	iPd	36	28.70	−0.2			
KKM	31.99	226	ePd	32	12.10	0.2				eS	41	19.00		BFD	66.87	177	eP	36	30.00	−0.8			
	0.9s	175.00nm			5 4mb		KSH	51.68	298	iPd	34	50.00	1.3	RKG	66.97	200	iPd	36	34.40	2.9			
JAY	32.34	177	ePc	32	14.80	0.1				PcP	35	56.00			0.6s	125.00nm				5.8mb			

KBS	67.27	350	iPd	36	33.00	0.2				e	39	06.50		BER	82.30	339	iP	37	57.90	0.7
ALE	67.29	3	iPc	36	33.40	0.5	WEL	78.26	153	P	37	37.00	0.6		Z 22s	2.48um				5.5Msz
	0.7s	160.00nm				5.8mb				sP	38	56.00		CFR	82.32	318	iPd	37	58.00	0.3
			pP	37	59.00	390kmX				S	46	53.00		TLB	82.73	318	iPd	38	01.00	1.3
KEV	69.33	340	iPd-	36	46.00	0.5				e	47	20.00		AKU	83.02	351	iP	38	03.80	3.0X
	0.6s	160.40nm				5.8mb	UPP	78.38	334	iPd	37	36.50	-0.4		2.5s	1422.22nm				6.3mb
	Z 16s	4.00um				5.8MszX		0.9s	700.00nm				6.4mb				i	39	36.00	
			epP	38	12.00	389kmX				ipP	39	11.40	424kmX	PSN	83.17	317	iPd	38	03.00	1.1
			ePP	41	24.00					iS	46	54.10		KMY	83.23	338	eP	38	03.20	1.2
			eS	45	16.00		BRK	78.55	53	iPc	37	39.40	1.2	SBB	83.25	54	eP	38	04.00	1.3
			eScS	46	00.00		BKS	78.56	53	iP	37	39.70	1.4				e	39	33.00	
			esS	47	52.00			0.7s	297.00nm				6.1mb	COP	83.27	333	iPd-	38	02.20	0.6
			esPS	48	48.00			Z 20s	1.80um				5.4Msz		0.8s	417.91nm				6.2mb
			eSS	49	40.00			E 20s	2.00um						Z 19s	2.78um				5.7Msz
			esSS	52	04.00					epP	39	04.00	370kmX				ipP	39	33.00	397kmX
			LR	14	20.00					e	39	13.20					iS	47	45.00	
PHC	69.61	43	iPc	36	47.40	0.0				ePP	40	47.00		ISR	83.27	319	ePd	38	03.00	0.4
SOD	70.68	338	iP	36	53.60	0.0				e	47	01.00		PAS	83.28	54	iP	38	03.00	0.2
			iS	45	33.00					eS	47	39.20			Z 20s	2.00um				5.5Msz
YKA	70.98	28	eP	36	55.30	-0.1				e	48	40.00					epP	39	25.00	354kmX
YKC	71.04	28	iPc	36	55.70	0.0				esPS	50	20.00					esP	40	13.00	
	0.7s	173.00nm				5.8mb				eSS	52	28.00					ePP	41	07.00	
TEH	71.38	301	eP	36	59.00	0.6				e	58	58.00					iSKS	47	41.00	
TRO	71.73	341	iPd	36	59.40	-0.2	PCC	78.64	53	iPc	37	39.50	0.8				e	48	33.00	
KJF	71.98	335	iPd-	37	01.10	0.0	MSZ	78.84	159	P	37	40.00	0.5				ePS	50	57.00	
	0.5s	227.40nm				6.1mb				PcP	37	45.50					eSS	53	17.00	
			epP	38	32.00	411kmX				e	38	10.00					eSSS	57	53.00	
			esP	39	14.00					pP	39	09.00	393kmX				eLR	03	37.00	
			ePPP	41	36.00					sP	40	20.00		MWC	83.32	54	eP	38	04.00	0.8
			eS	45	48.00		SES	78.96	38	iPc	37	40.60	0.4				e	39	35.00	
			eScS	46	22.00					pP	39	12.00	405kmX	MLR	83.41	319	iPd	38	05.00	1.7
			esS	48	20.00		GCC	79.14	54	iPc	37	42.40	1.0	BMR	83.43	322	ePc	38	05.00	1.8
			esPS	49	14.00		MHC	79.23	53	iPc	37	43.30	1.2	GSC	83.63	53	eP	38	05.00	0.4
			eSS	50	24.00					e	39	16.00					e	39	36.00	
			esSS	52	20.00		HFS	79.65	335	iPd	37	43.50	-0.1	BHL	83.68	305	Pd	38	04.50	-0.3
DAG	72.63	355	iPc	37	04.30	-0.4		0.7s	304.90nm				6.1mb				pP	39	44.00	441kmX
	0.9s	226.89nm				5.8mb		Z 15s	3.83um				5.9MszX				S	47	47.00	
			i	38	34.00					LR	12	12.00		KRA	83.75	325	iPd	38	04.80	0.6
			i	45	55.00		SAO	79.66	54	eP	37	44.60	0.5		0.7s	148.00nm				5.8mb
SHI	73.03	295	eP	37	07.00	-1.1	JAS1	79.79	52	iPc	37	45.90	1.1		Z 16s	4.20um				5.9Mszx
SUF	73.37	334	iPd	37	08.60	-0.6				e	39	14.00			N 16s	3.40um				
	0.6s	192.30nm				5.9mb				i	40	51.70			E 16s	3.60um				
TAB	74.10	305	iPd-	37	14.70	0.7				e	47	13.00					i	38	09.00	
COR	74.71	47	iPc	37	19.00	1.9	NB2	79.88	337	P	37	44.50	-0.4				e	38	18.60	
PNT	74.76	42	iP	37	18.00	0.7	PRS	79.92	54	iPc	37	46.80	1.3				e	39	43.00	
	1.3s	283.00nm				5.8mb	LLA	80.08	54	iPc	37	47.60	1.2				iS	47	51.00	
			pP	38	49.00	408kmX	PRI	80.51	54	iPc	37	50.40	1.7	BUC	83.96	318	iPd	38	05.00	-0.9
KER	75.15	301	eP	37	19.00	-1.0				e	47	23.00		MUD	83.96	335	iPd	38	05.20	-0.4
NUR	75.21	332	iPd-	37	20.10	0.5	BMN	80.65	49	P	37	51.00	1.6		0.8s	89.00nm				5.5mb
	0.6s	232.10nm				6.0mb		2.0s	785.71nm				6.1mb				i	39	44.00	
	Z 19s	2.30um				5.5Msz				pP	39	21.00	396kmX	BUC1	84.04	318	iPd	38	08.00	1.7
			i	37	42.50		GDH	80.66	4	iPd	37	49.90	1.3	CMP	84.05	320	ePd	38	06.00	-0.4
			ipP	38	54.50	425kmX		0.8s	59.70nm				5.3mb	FRB	84.11	12	ePc	38	06.50	0.2
			esP	39	32.00					i	39	21.00			0.8s	161.00nm				5.8mb
			iPP	40	06.20					i	43	08.00					pP	40	39.40	755kmX
			eS	46	20.00					iS	47	22.00		BDW	84.15	44	iPc	38	07.70	0.5
			eScS	46	46.00		LRM	80.71	42	ePc	37	50.80	1.0		1.4s	147.44nm				5.5mb
			esS	48	56.00		RTB	80.75	303	iPc	37	51.00	1.2				pP	39	43.00	418kmX
			esPS	49	32.00					i	41	02.00		SPC	84.16	325	iPd	38	07.50	0.4
			LR	16	30.00					eS	47	21.50					i(pP)	39	47.90	445kmX
KRP	75.71	151	P	37	24.00	1.4				e	47	40.00					iS	47	57.30	
			e	37	53.90					e	50	03.00		CGN	84.16	318	ePd	38	07.00	0.1
FHC	75.99	51	iPc	37	26.30	2.0	FRI	80.75	53	iPc	37	50.80	1.0	ADI	84.41	305	iPd	38	09.00	0.5
EDM	76.22	36	iPc	37	25.60	0.2				e	39	21.00		JOS	84.46	324	iPd	38	08.30	0.6
			pP	38	55.00	398kmX				e	47	24.00			1.8s	585.70nm				6.6mb
NEW	76.71	42	iPc	37	28.50	0.3	FFC	80.80	31	iPc	37	50.20	0.5	DMK	84.50	316	iP	38	08.40	-0.3
	1.0s	180.00nm				5.7mb		0.8s	132.00nm				5.7mb	SLBC	84.53	55	eP	38	10.20	0.2
			e	39	00.00		MNA	81.07	51	iPc	37	53.10	1.4				e	39	41.40	
WDC	77 06	51	iPc	37	31.20	1.0				e	39	23.00		ALT	84.61	312	eP	38	08.50	-0.9
			i	39	00.70					e	47	28.00		PLM	84.63	55	eP	38	10.00	0.3
MSL	77.12	305	iPc	37	31.00	0.4	HYA	81.43	339	iPd	37	53.10	0.3				e	39	39.00	
			iPcP	37	58.00		KONO	81.45	337	iPd	37	53.00	0.1	CSS	84.73	307	eP	38	10.00	0.0
			eS	46	42.50		IAS	81.50	320	eP	37	56.00	2.5	TPC	84.80	54	eP	38	11.00	0.6
GNZ	77.39	150	P	37	32.20	0.5	SYP	81.81	55	eP	37	56.00	0.5				e	39	40.00	
RXF	77.54	41	iPc	37	33.90	1.1				e	39	26.00		KSP	84.98	328	iPd	38	10.90	0.1
LHD	77.61	41	iPc	37	34.20	1.0	WAR	81.83	327	eP-	37	55.00	0.0		0.9s	218.00nm				5.9mb
LDM	77.65	41	iP	37	34.50	1.2				e	39	32.00					i	39	47.30	
BHD	77.66	301	iP	37	33.50	0.0				e	41	06.00					eS	48	02.00	
			i	40	37.50					e	47	32.00		REY	85.01	352	iP	38	13.50	2.8
			iS	46	47.50		SUE	81.95	339	iP	37	56.50	1.0	BAR	85.12	55	eP	38	15.00	3.0X
			i	49	27.80		EUR	81.97	49	iP	37	57.60	1.2	JER	85.13	304	Pd	38	11.00	-1.1
MIN	77.80	50	iPc	37	34.70	0.3	CWC	82.16	52	eP	37	58.00	0.7	BCK	85.20	311	iP	38	11.10	-1.2
			e	39	07.10					e	39	28.00		PVL	85.25	318	iPd	38	08.00	-4.3X
CLX	77.88	41	iPc	37	35.50	0.7				e	41	12.00		BRN	85.27	330	iPd	38	12.50	0.3
TCW	78.00	153	P	37	34.60	-0.4	ODD	82.20	338	iP	37	57.00	0.1	EDC	85.29	314	iPd	38	12.00	-0.6
			e	39	10.00		ASK	82.26	339	iP	37	57.60	0.5	CLO	85.42	320	ePd	38	13.00	-0.1
ORV	78.25	51	iPc	37	37.20	0.5	ISA	82.28	53	eP	37	56.00	-1.8	DIM	85.67	317	iP	38	15.00	0.6

10d 16h

HAM	85.89	332	iPd	38	15.50	0.3	KNT	87.81	317	iPd	38	24.20	-0.5				eS	48	21.50				
BUD	85.89	324	iPd	38	15.00	-0.3	VAY	87.90	318	iPd	38	24.40	-0.7	ATH	89.29	314	iPd	38	30.00	-1.6
	1.0s	54.30nm			5.3mb		KMR	87.92	327	iP-	38	25.00	-0.1	VOY	89.46	325	eP	38	30.40	-2.0
BRG	86.03	329	iPd	38	15.90	0.0				ipP	40	04.70	436kmX				i	38	32.00	
	2.4s	490.00nm			5.9mb		THE	88.10	317	iPd	38	25.20	-0.8				e	40	10.00	
			ipP	39	53.60	429kmX				iPcP	40	00.00		ARO	89.51	283	iP+	38	34.00	1.0
			eSKS	48	01.50					ePP	40	40.00		ENN	89.54	332	iPd	38	32.00	-0.5
			iS	48	12.50					ePPP	42	01.20			0.9s	54.00nm			5.4mb	
			isS	50	56.00					iScS	48	32.00					epP	40	04.00	396kmX
SRO	86.03	324	iPd	38	16.00	0.0				iSSS	51	20.00					iPP	42	11.40	
			iS	48	14.00		GRF	88.10	329	ePKPd	38	26.10	0.2				eS	49	46.50	
			e	51	00.00			1.6s	440.00nm				6.0mb	MEM	89.63	332	P	38	32.60	-0.3
PRNI	86.03	303	eP	38	16.50	0.1	Z	18s	2.00um				5.6Msz				e	40	14.20	
ELL	86.05	310	iP	38	16.60	0.1				ePP	39	57.80					PP	42	12.00	
KDZ	86.06	316	iPd	38	16.00	-0.3				eSKS	48	30.70					e	49	52.80	
CLL	86.14	329	iPd	38	16.00	-0.5				eSP	49	36.90		STU	89.68	329	iPd-	38	33.60	0.4
	1.6s	260.00nm			5.8mb					e	51	14.70			1.0s	120.00nm			5.7mb	
			epP	39	50.00	410kmX	PAIG	88.11	316	iPd	38	25.00	-1.1	NPS	89.74	311	eP	38	32.20	-1.6
			iS	48	13.00		SKO	88.14	319	iPd	38	26.20	0.0	TRI	89.75	325	iPd	38	32.40	-1.2
			esS	50	54.00			0.9s	150.00nm				5.8mb				ipP	40	11.00	429kmX
PLS	86 16	317	eP	38	16.00	-0.7				i	40	03.00					iPP	42	07.00	
GLA	86 23	54	eP	38	18 00	0.7				iS	48	34.30					iS	48	43.00	
			e	39	49 00					i	51	20.00					iSP	49	58.00	
PPL	86 38	328	iPd	38	17.50	-0.1				iSSS	57	03.00					isS	51	19.00	
	2 2s	378 60nm			5 8mb		GRG	88.23	317	iPd	38	26.00	-0.7				isSP	52	29.00	
Z	13s	2.50um			5.8MszX		WTS	88.24	333	iPd	38	26.00	-0.4				iSS	55	00.00	
N	13s	1.50um						0.9s	50.00nm				5.3mb				isSS	57	24.00	
E	15s	2.70um								epP	40	04.00	427kmX				iSSS	58	32.00	
		e	38	28.00						ePP	41	57.00					isSSS	00	44.00	
		pP	39	56.80	436kmX	ELO	88.25	340	ePKPd	38	26.50	0.0		UCC	90.14	333	Pc-	38	35.80	0.6
		S	48	15.00						e	40	00.60					e	40	15.40	
ZST	86 38	325	iPd	38	18.00	0.3	ESY	88.39	339	iPKPd	38	27.20	0.1				PP	42	14.00	
		i	39	57.00						e	40	02.50					SKS	48	28.00	
		i	43	13.00		GOL	88.52	44	iP	38	29.90	1.5					SS	55	02.00	
RSSD	86.52	40	iP	38	19 40	0.6		0.7s	7.28nm				4.6mb X	BUH	90.17	330	ePd	38	35.30	-0.2
	0.7s	72.93nm			5.6mb					pP	40	02.70	401kmX	GWF	90.21	330	iPd	38	35.20	-0.5
		pP	40	51.40	742kmX	GLD	88.58	44	eP	38	30.30	1.7		OGA	90.25	327	iPd	38	35.40	-0.7
EZN	86.55	315	iP	38	17.60	-1.0		1.9s	745.45nm				6.2mb	WLF	90.30	332	Pd	38	36.00	0.0
RMU	86.58	49	eP	38	19.20	0.1				pP	40	03.50	403kmX				e	40	14.00	
VKA	86.72	326	iPd	38	19.80	0.5	EBL	88.64	340	ePKPd	38	28.40	0.1				PP	42	17.40	
	3.0s	1366.00nm			6.2mb		EAB	88.67	340	iPKPd	38	28.50	0.1				SKS	48	29.00	
Z	14s	2.10um			5.7MszX		EAU	88.70	340	iPKPd	38	28.80	0.2				e	49	59.70	
		ipP	39	58.50	433kmX		LIT	88.71	317	iPd	38	28.00	-1.0				SS	55	07.00	
		i	41	43.30			BHG	88.76	327	iPd	38	29.20	0.2	CTI	90.54	326	iPd	38	36.00	-1.4
		iPP	41	47 10				1.5s	450.00nm				6.1mb				ePP	42	20.00	
		iS	48	19.50			DBN	88.80	334	iP-	38	29.00	0.0				eS	48	30.50	
		i(sS)	51	03.00			Z	20s	2.00um				5.5Msz	DOU	90.60	333	Pc	38	37.10	-0.3
VTS	86.73	318	iPd	38	20.00	0.6				epP	40	01.00	397kmX				e	40	10.00	
		iS	39	59.00						e	40	59.00					PP	42	20.00	
IZM	86.81	313	iP	38	19.00	-1.0				e	42	05.00					SKS	48	31.00	
PRK	86.93	314	eP	38	20.10	-0.4				iS	48	38.00					e	51	43.00	
SOP	87.00	325	iPd	38	20.80	0.1				iSP	49	41.00					SS	55	06.00	
	0.8s	114.60nm			5.7mb					esS	51	10.00		SLE	90.74	329	ePd	38	37.40	-0.7
RSON	87.10	30	iP	38	21.30	0.2				eSS	54	36.00		SAX	90.74	328	ePd	38	38.10	-0.4
	1.0s	59.00nm			5.3mb		BNS	88.88	332	iPd	38	28.30	-1.2	ALQ	90.78	48	iPc	38	40.00	1.2
		pP	39	51.70	391kmX			1.5s	115.00nm				5.5mb		1.0s	104.25nm			5.7mb	
MOX	87.23	330	iPd-	38	21.50	-0.2	TNS	88.91	331	ePd	38	29.40	-0.3				epP	40	12.00	396kmX
	1.6s	179.00nm			5.6mb					e	42	07.50		CDF	90.79	330	iPd	38	37.90	-0.5
		epP	39	54.00	401kmX	HLW	88.95	304	iPd	38	30.00	-0 2			1.0s	118.00nm			5.8mb	
		esP	40	30.00						i	40	10.00		OSS	90.79	328	ePd	38	38.30	-0.3
		ePP	41	50.00						iS	48	20.00		LHC	90.85	30	eP	38	39.00	0.4
		epPP	43	17.00						i	48	40.00			0.7s	82.00nm			5.8mb	
		ePPP	43	55.00		KBA	88.99	326	iPd	38	29.30	-1.0		ZUL	91.00	329	eP+	38	38.70	-0.7
		iS	48	20.00			2.3s	861.00nm				6.2mb		LLS	91.19	328	ePd	38	40.00	-0.4
		i	49	26.00						i	38	30.20		VDL	91.25	328	ePd	38	40.40	-0.4
		esS	50	50.00						i	38	32.60		SAL	91.40	327	eP	38	41.20	0.0
		eSS	54	15.00						ipP	40	08.70	434kmX				e(PP)	42	41.80	
		esSS	56	25.00						i	41	49.80		BSF	91.44	330	iPd	38	40.70	-0.8
		eSSS	57	55 00						iPP	42	05.10			0.9s	67.90nm			5.6mb	
		eSSSS	00	55 00						i	42	09.30		HAU	91.50	330	iPd	38	41.10	-0.5
MCF	87 36	329	iPd	38	21 70	-0.7				i	48	18.90			1.2s	113.00nm			5.7mb	
	1 4s	237 00nm			5 8mb					i(S)	48	34.30		DUI	92.23	322	eP	38	46.00	1.0
		eS	48	24.00		KZN	89.01	317	eP	38	28.90	-1.5		ETA	92.24	340	iPc	38	46.60	1.7
SPS	87 42	317	iPd	38	22 00	-0 9	EKA	89.05	339	P	38	30.00	-0.2		1.0s	90.00nm			5.7mb	
KHC	87 43	328	iPd	38	22.70	-0.1		0.7s	43.90nm				5.4mb	MMK	92.27	328	ePd	38	45.10	-0.4
	0 8s	76 50nm			5 6mb		OHR	89.06	318	eP	38	29.90	-0.7	AQU	92.31	323	eP	38	45.00	-0.5
Z	14s	1 20um			5.5MszX					e	40	04.50					ePP	42	34.00	
N	14s	1 00um								iS	48	40.80		FIR	92.38	325	eP	38	46.50	0.8
E	14s	1.20um					ESK	89.08	339	eP	38	31.20	0.9	ORO	92.59	328	iPd	38	45.00	-1.8
		e	39	54.70			LJU	89.14	325	eP	38	30.00	-0.8				ePP	42	35.00	
		S	48	24.00						e	40	07.00		ECB	92.70	340	iPc	38	47.60	0.6
WIT	87.67	333	eP	38	25.00	1.3				eS	48	18.40			1.0s	100.00nm			5.8mb	
		epP	40	04	56	436kmX				e	48	40.00		SCH	92.71	15	eP	38	48.00	0.9
		ePP	41	40.50						e	49	50.00		EMS	92.72	329	ePd	38	46.90	-0.6
WET	87.74	328	iPd	38	24.10	-0.1				e	51	04.40		ECP	92.74	339	iPc	38	48.00	0.8
	2.2s	460.00nm			5.9mb		FUR	89.18	328	iPd	38	31.10	0.1		1.0s	155.00nm			6.0mb	
		eS	48	29.00				1.2s	375.00nm				6.1mb	LOR	93.13	331	iPd	38	48.60	-0.5

1.1s 91.50nm 5.7mb
LBF 93.30 331 iPd 38 49.00 -1.0
GRC 93.43 332 iPd 38 50.70 0.2
i 40 20.30
i 42 40.50
i 48 46.00
SSF 93.44 331 iPd 38 50.20 -0.3
pP 40 27.00 419kmX
SMF 93.63 331 iPd 38 50.70 -0.7
FLN 93.64 334 iPd 38 51.00 -0.4
1.4s 125.40nm 5.8mb
LDF 93.64 334 iPd 38 51.00 -0.5
1.1s 97.60nm 5.8mb
AVF 93.72 331 iPd 38 51.40 -0.4
VAL 94.08 341 P 38 53.00 -0.4
S 44 09.00
GRR 94.09 334 iPd 38 52.00 -1.5
0.9s 70.50nm 5.8mb
BGF 94.11 331 iPd 38 51.00 -2.7
1.2s 77.20nm 5.7mb
pP 40 00.00 287kmX
LPF 94.45 334 iPd 38 55.00 -0.2
1.1s 92.20nm 5.8mb
MZF 94.50 331 iPd 38 55.50 0.0
TCF 94.59 332 iPd 38 55.60 -0.3
pP 40 24.00 378kmX
FRF 94.77 327 iPd 38 55.50 -1.2
0.9s 28.40nm 5.4mb
LSF 94.90 332 iPd 38 56.80 -0.5
LRG 94.99 327 iPd 38 56.80 -0.9
1.1s 81.00nm 5.8mb
LMR 95.01 327 iPd 38 56.90 -0.9
1.0s 44.00nm 5.5mb
MOT 95.04 50 eP 38 58.80 0.3
MFF 95.29 333 eP 38 58.80 -0.2
1.4s 113.20nm 5.8mb
pP 40 36.00 420kmX
RJF 95.67 331 iPd 39 00.80 0.0
1.5s 181.70nm 6.0mb
pP 40 38.20 421kmX
CAF 95.75 331 iPd 39 01.40 0.3
1.0s 79.40nm 5.8mb
pP 40 38.90 422kmX
LTX 96.12 51 iPc 39 05.00 1.8
1.3s 51.32nm 5.5mb
pP 40 37.30 396kmX
LPO 96.31 331 iPd 39 03.80 0.2
1.7s 138.20nm 5.9mb
TUL 96.70 42 eP+ 39 07.10 1.5
1.1s 35.00nm 5.5mb
Z 21s 0.81um 5.2Msz
N 22s 0.58um
E 19s 0.30um
iS 49 00.00
RLO 96.97 41 ePd 39 07.40 0.7
JCT 97.94 48 eP 39 11.20 -0.1
0.7s 10.27nm 5.3mb
epP 40 48.00 419kmX
EPF 98.01 331 eP 39 11.30 -0.1
BHO 98.32 42 eP 39 17.70 4.8X
OTT 98.65 24 eP 39 15.00 0.7
pP 40 49.00 405kmX
MNT 99.28 23 eP 39 19.50 2.5
pP 40 42.00 350kmX
LGR 99.67 332 eP 39 31.00 12.1X
e(pP) 41 02.00 390kmX
ePP 43 06.00
eS 50 53.00
EBR 99.74 329 eP 39 20.00 0.8
e 43 30.00
e 50 12.00
AVY 100.21 254 ePdiff 39 21.10 -0.8
NAI 101.14 275 ePdiff 39 28.00 1.9
MAL 105.27 330 ePdiff 39 42.00 -1.7
iPP 44 11.00
iSS 58 25.00
TAF 105.97 328 i(PKP) 44 10.00 13.0X
i 44 20.00
SBA 108.85 174 ePKP 43 49.10 -11.9X
TET 110.98 263 ePKP 44 07.00 0.2
epP 44 49.00
MTD 112.98 263 iPKP 44 11.00 0.2
ePP 45 07.00
iSKP 47 10.00
iPKKP 55 10.00
BNG 113.54 290 iPKPc 44 22.50 10.6X
1.2s 42.20nm

i 45 07.30
iSKS 46 53.50
e 49 42.50
iPPP 50 21.50
iPPP 56 53.50
iS 06 03.30
BUL 116.95 261 iPKPc 44 19.00 0.6
iPP 45 26.00
iSKP 47 14.00
iPKKP 54 51.00
EVA 118.99 254 ePKP 44 22.50 0.4
0.9s 50.42nm
BPI 119.75 255 ePKP 44 20.50 -3.1X
0.8s 59.70nm
SPA 119.80 180 iPKPd 44 21.20 -1.1
0.6s 41.87nm
e 45 21.20
SEK 120.83 253 ePKP 44 25.60 0.0
0.3s 38.96nm
BFS 121.04 255 iPKPd 44 25.70 -0.3
0.5s 66.20nm
VIR 121.38 254 e(PKP) 44 22.80 -3.8X
0.7s 27.40nm
BLF 122.28 253 ePKP 44 28.00 -0.3
0.3s 8.50nm
KIC 129.81 310 iPKP 44 42.90 -0.1
i 46 54.90
TOV 131.77 39 ePKP 44 54.00 7.2X
SDV 132.04 41 ePKP 44 44.10 -3.4X
NNA 142.33 69 iPKP 45 02.00 -4.2X
0.7s 32.88nm
ZOBO 151.72 67 ePKP 45 22.00 0.2
i 45 29.50
e 47 04.00
LPB 151.89 68 PKP 45 24.00 2.1
PP 47 00.00
LR 58 46.00
ANT 153.13 84 ePKP 45 32.00 9.1X
YJA 156.75 76 ePKPc 45 29.20 0.8
SLA 157.71 82 ePKP 45 31.00 1.9
ITR 158.76 353 ePKP 45 31.60 1.3
e 46 08.70
e 47 26.80
e 47 39.50
SOB1 159.35 360 e(PKP) 45 31.00 0.0
BAO 164.39 26 e(PKP) 45 37.00 0.9
VAO 171.29 39 ePKP 45 42.70 2.3
RDJ 172.70 16 iPKPd 45 42.40 1.6
S.D. = 1.1 on 469 of 490 obs.

? APR 10, 1985 17h 45m 40.31± 4.82s
33.903 S ±14.3km 71.698 W ±43.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.24 102 iPc 45 46.50 -0.9
TACH 0.68 69 iPc 45 52.70 -0.8
PEL 1.14 48 iP 46 00.50 0.5
iS 46 20.00
FCH 1.31 64 iPc 46 03.20 0.5
iS 46 24.40
JACH 1.53 38 iP 46 05.70 0.0
RFA 2.81 109 eP 46 24.80 0.8
TCA 6.52 69 e(P) 47 16.00 -0.5
S.D. = 0.8 on 7 of 7 obs.

? APR 10, 1985 17h 56m 45.93± 8.07s
34.301 S ±60.2km 72.364 W ±41.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.86 67 iPc 57 01.70 0.1
iS 57 10.50
TACH 1.35 62 iPc 57 08.20 -0.4
i(S) 57 22.00
PEL 1.81 51 iP 57 15.60 0.2
iS 57 35.90
FCH 1.98 61 iPd 57 18.90 0.8
i(S) 57 41.50
JACH 2.19 43 iPc 57 20.50 -0.3
i(S) 57 45.20
TCA 7.18 68 e(P) 58 31.00 -0.3
ZOBO 18.36 13 e(P) 01 00.30 0.1
S.D. = 0.5 on 7 of 7 obs.

? APR 10, 1985 18h 24m 44.36± 8.62s
5.542 S ±80.6km 147.457 E ±74.4km

DEPTH = 209.5 ± 21.7 km
4.3mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT 1.19 202 iPc 25 16.70 0.0
LMG 3.41 168 eP 25 40.00 0.0
PMG 3.85 184 iPd 25 45.20 0.0
WB2 19.17 221 iPd 28 54.20 -0.1
eS 32 19.00
WRA 19.17 221 Pc 28 54.40 0.1
0.3s 3.00nm 4.3mb
S.D. = 0.1 on 5 of 5 obs.

• APR 10, 1985 19h 02m 47.33± 1.09s
8.690 S ±13.8km 109.191 E ±13.9km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
JAVA (277)

TRT 3.55 74 iPc 03 43.00 1.6
iS 04 13.20
PPI 11.98 313 eP 05 39.00 0.1
NAU 15.05 157 eP 06 20.00 0.7
eS 08 52.00
MBL 16.09 142 eP 06 32.00 -0.8
eS 09 08.00
AAI 19.53 76 e(P) 07 13.10 -2.1
MEK 19.91 155 eP 07 25.00 5.8X
eS 10 46.00
WRA 26.77 117 Pc 08 25.70 -0.6
0.5s 2.40nm 4.1mb
WB2 26.78 117 eP 08 27.50 1.1
S.D. = 1.6 on 7 of 8 obs.

• APR 10, 1985 19h 21m 41.13± 0.74s
20.943 S ± 7.5km 68.924 W ±10.5km
DEPTH = 136.1 ± 9.9 km
4.3mb (2 obs.)
CHILE-BOLIVIA BORDER REGION (124)

ANT 3.08 206 eP 22 29.50 0.0
iS 23 10.30
YJA 3.41 112 iPc 22 34.60 0.2
S 23 16.40
CCH 4.41 37 P 22 48.00 0.4
0.6s 7.80nm
LPB 4.46 10 eP 22 48.00 -0.4
i 22 50.30
(S) 23 59.00
ZOBO 4.71 9 ePn 22 52.30 0.4
SLA 4.92 141 ePc 22 54.80 0.5
ARE 5.08 331 eP 22 56.00 -0.6
eS 23 53.00
VAO 20.46 100 eP 26 08.30 -1.7
KIC 68.56 74 eP 32 32.00 0.5
BDW 73.63 330 eP 33 00.30 -1.2
0.8s 1.46nm 3.8mb
RSON 74.75 344 eP 33 09.50 2.0
YKC 90.61 341 eP 34 32.00 3.4X
0.9s 7.00nm 4.8mb
YKA 90.66 341 eP 34 32.60 3.7X
GBA 147.11 97 PKP 41 14.00 6.1X
0.5s 2.50nm
S.D. = 1.2 on 11 of 14 obs.

• APR 10, 1985 19h 38m 07.66± 2.85s
7.800 N ± 8.9km 126.987 E ±19.5km
DEPTH = 53.3 ± 20.4 km
5.2mb (3 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

DAV 1.57 243 iPc+ 38 35.00 1.5
CGP 2.36 286 eP 38 43.50 -1.2
PLP 3.89 330 ePd 39 04.00 -2.3
eS 39 21.00
MNI 6.67 199 eP 39 47.00 1.6
eS 41 04.20
BAG 10.60 324 eP 40 41.50 1.6
KNA 23.46 176 eP 43 14.00 0.7
LOE 26.40 294 eP 43 42.00 0.8
WRA 28.50 165 Pd 43 58.80 -1.5
0.6s 3.00nm 4.1mb
WB2 28.51 165 eP 43 58.20 -2.1
CHTO 29.35 295 e(P) 44 12.50 4.5X
1.1s 2.36nm 3.8mb X
MBL 29.62 194 eP 44 09.00 -1.3
NAU 32.19 200 eP 44 32.00 -0.8

10d 19h

MEK	35.17	193	iPd	44 57.90 -0.8
	0.6s	35.00nm		5.5mb
MRWA	38.30	196	iPc	45 24.50 -0.4
	0.6s	38.00nm		5.5mb
KLG	38.73	188	iPd	45 28.40 -0.1
KLB	40.15	192	eP	45 40.00 -0.2
MUN	40.87	194	iPc	45 46.10 0.0
ADE	43.95	166	iPd	46 12.00 0.7
YOU	46.50	155	eP	46 33.50 1.9
CAN	47.65	155	eP	46 40.00 -0.7
WAM	48.36	156	eP	46 47.00 0.9
GBA	48.96	281	P	47 03.00 12.0X
	0.4s	1.40nm		
YKA	95.71	24	eP	51 30.60 1.8
	S.D. = 1.4	on	21 of	23 obs.

APR 10, 1985 20h 15m 36.61± 0.28s
1.560 N ± 5.2km 77.017 W ± 5.9km
DEPTH = 10.0km (geophysicist)
5.3mb (66 obs.) 4.7Msz (3 obs.)
COLOMBIA (103)
Felt at Cali, Popayon and Posto.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P B.: 12S, 22C
Centroid Location:
Origin Time 20:15:45.9 0.8
Lat 1.94N 0.08 Lon 77.21W 0.15
Dep 46.7 8.1 Half-duration 1.6
Moment Tensor; Scale 10**23 D-CM
Mrr=-6.57 1.32 Mtt= 7.58 1.39
Mff=-1.02 2.48 Mrt= 1.67 1.65
Mrf= 1.31 1.30 Mtf= 3.18 0.96
Principal Axes:

	Val=	Plg=	Azm=
T	8.89	7	342
N	-1.96	8	251
P	-6.93	79	113

Best Double Couple:Mo=7.9**10**23
NP1:Strike= 81 Dip=38 Slip= -76
NP2: 244 53 -100

PSO	0.48	220	iP	15 48.00 1.6
QUR	2.29	221	P	16 20.60 5.2X
			S	16 53.50
BOG	4.24	44	eP	16 41.50 -1.5
			iS	17 35.00
BMG	6.74	36	eP	17 17.00 -1.2
UPA	7 79	341	iPd-	17 32.60 -0.1
	0.8s	89.55nm		6.0mb
			i	17 42.50
			i	18 09.00
			i	19 48.00
UAV	9.12	40	eP	17 50.40 -1.1
	0.5s	88.90nm		6.4mb X
			ePP	19 11.00
SDV	9.66	41	eP	17 56.00 -2.9X
TOV	10.88	41	eP	18 11.00 -4.6X
CAR	13.40	48	iPc	18 47.00 -2.5
	0.7s	41.10nm		5.6mb
NNA	13.46	179	iP	18 49.00 -1.3
	1 2s	85.94nm		5.6mb
			e	21 15.00
CUM	15.53	55	i(P)	19 19.50 2.1X
PCJ	16.08	359	eP	19 28.63 4.1X
GWJ	16.41	1	eP	19 34.29 5.4X
STH	16.42	1	eP	19 33.99 5.2X
TRN	17.95	59	eP	19 46.86 -1.1
	1.3s	116.60nm		4.9mb
ARE	18.72	163	iPd	19 58.00 0.1
SJG	19.61	32	e(P)	20 01.00 -7.3X
ZOBO	19.77	154	iPc	20 07 50 -3.1
	1.0s	90 00nm		5.0mb
LPB	20 02	154	Pd	20 10.50 -2.6
	1.0s	240.00nm		5.5mb
CCH	21.66	151	P	20 29 40 -0 4
	0 2s	2 20nm		4 3mb
			(S)	27 00 00
VHO	24 87	310	iP	21 04.00 2.8X
ANT	25.92	166	eP	21 16.00 5.2X
			eS	25 42.00
YJA	26.13	155	ePc	21 11.80 -1.4
TPM	27.68	310	eP	21 30.00 2.8X
OXM	28.35	310	eP	21 37.00 3.6X
SLA	28 42	158	ePc	21 34.00 0.2
PRM	32.74	352	P	22 10.00 -1 8
HKT	33.42	329	eP	22 16.50 -1 2
GFM	34.66	353	P	22 27.30 -1.3
BLA	35.61	355	P	22 39.40 2.8X
JCT	35.97	325	eP	22 40.80 1.1
	1.0s	15.00nm		4.8mb
OLY	36.35	340	P	22 40.00 -2.7
BHO	36.66	335	eP	22 44.80 -0.6
LTX	37.50	320	P	22 53.20 0.5
	0.8s	14.60nm		4.8mb
SOB1	37.54	107	eP	22 51.00 -2.1
			e	22 55.30
VAO	38.11	132	eP	22 56.40 -1.4
RLO	38.26	336	eP	22 57.00 -1.9
FVM	38.28	343	eP	22 56.30 -2.7
	1.0s	93.00nm		5.5mb
TUL	38.36	335	eP	22 58.20 -1.4
	1.0s	135.20nm		5.6mb
Z	21s	0.47um		4.3Msz
N	19s	0.27um		
E	20s	0.25um		
SKLY	42.29	3	P	23 30.50 -1.4
ALQ	43.06	324	eP	23 39.00 0.3
	1.0s	57.00nm		5.3mb
OTT	43.67	1	eP	23 45.00 1.9
MNT	43.86	3	iPc	23 44.00 -0.7
	0.9s	48.00nm		5.3mb
GOL	45.90	329	eP	24 00.00 -1.5
	1.0s	22.50nm		5.1mb
GLA	47.32	316	eP	24 13.00 0.4
RSSD	48.69	334	eP	24 23.40 0.1
	0.9s	75.63nm		5.7mb
TPC	48.75	316	eP	24 24.00 0.3
MSU	48.86	323	P	24 25.00 0.3
PLM	48.91	315	eP	24 27.00 1.8
DAU	49.57	326	P	24 30.00 -0.3
SDW	49.73	316	P	24 30.50 -0.9
GSC	49.92	317	eP	24 34.00 1.2
MWC	50.22	315	eP	24 37.00 1.8
PAS	50.26	315	eP	24 38.00 2.7X
SBB	50.30	316	eP	24 36.00 0.4
BDW	50.31	329	P	24 34.50 -1.3
	1.0s	12.00nm		4.8mb
RSON	51.11	346	eP	24 39.00 -2.5
	0.7s	23.34nm		5.2mb
			i	24 42.00
SYP	51.74	314	eP	24 49.00 2.3
EUR	51.78	322	iP	24 46.70 -0.3
	0.2s	13.96nm		5.5mb
BMN	53.11	322	P	24 56.00 -0.9
	1.0s	23.75nm		5.1mb
SCH	53.74	7	eP	24 59.00 -2.1
LRM	53.92	330	eP	25 03.00 0.2
SES	56.56	335	eP	25 22.00 0.3
FFC	56.79	343	eP	25 21.00 -2.2
	1.0s	34.00nm		5.3mb
NEW	57.92	329	P	25 30.00 -1.4
	0.8s	6.16nm		4.7mb
EDM	59.61	336	eP	25 41.00 -2.1
PNT	59.87	329	eP	25 47.00 2.2
	0.9s	31.00nm		5.4mb
FRB	62.36	4	eP	25 57.00 -4.4X
YKC	66.89	342	eP	26 29.00 -1.9
	0.9s	22.00nm		5.3mb
YKA	66.94	342	eP	26 29.30 -1.9
RUV	71.50	254	eP	27 06.00 5.9X
	0.9s	30.00nm		5.4mb
VAH	71.75	253	eP	27 08.00 6.4X
	0.9s	25.00nm		5.3mb
KIC	72.21	84	ePKP	27 05.10 0.6
PAE	73.89	251	eP	27 20.00 5.9X
	0.9s	65.00nm		5.7mb
MAL	75.16	52	iP	27 24.00 2.8X
INK	76.68	341	eP	27 27.00 -2.2
	1.0s	36.00nm		5.4mb
ECB	76.78	36	eP	27 30.50 0.5
	1.0s	65.00nm		5.7mb
ECP	76.98	37	eP	27 31.70 0.6
	0.9s	115.00nm		6.0mb
ETA	77 20	36	eP	27 32 30 -0.1
	0 8s	30.00nm		5.4mb
LGR	77.54	47	iPc	27 37.50 3.0X
MBC	78.28	351	eP	27 36.00 -1.9
	1 0s	42.00nm		5.5mb
EAB	79.12	33	eP	27 44 10 1.3
LPF	79.48	41	iPd	27 45.40 0.5
	1.0s	12.50nm		4.9mb
ELO	79.52	33	eP	27 46.50 1.4
	1.0s	27.00nm		5.2mb
EKA	79.57	34	Pc	27 47.50 2.2
	1.0s	23.60nm		5.1mb
GRR	79.66	41	iPd	27 46.50 0.6
	1.0s	0.70nm		3.6mb X
EPF	79.70	47	iPd	27 47.40 1.0
	0.9s	20.00nm		5.1mb
MFF	79.85	43	iPd	27 47.60 0.6
FLN	79.96	41	iPd	27 48.00 0.4
	0.9s	34.00nm		5.3mb
ESY	80.00	33	eP	27 49.20 1.6
PME	80.14	333	eP	27 42.00 -6.2X
	1.0s	15.00nm		4.9mb
LDF	80.17	41	iPd	27 49.40 0.7
	0.9s	22.90nm		5.2mb
COL	80.51	336	eP	27 51.00 0.8
	1.1s	9.49nm		4.7mb
LPO	80.52	45	iPd	27 51.20 0.6
	0.9s	20.90nm		5.1mb
RJF	80.83	44	eP	27 52.80 0.5
	1.0s	17.60nm		5.0mb
LSF	80.95	44	iPd	27 54.00 1.1
	1.1s	21.20nm		5.1mb
CAF	81.17	45	iPd	27 54.70 0.6
	1.1s	25.00nm		5.2mb
TCF	81.43	44	eP	27 55.80 0.4
	1.0s	10.00nm		4.8mb
DAG	81.52	11	iPd	27 53.20 -2.1
	0.5s	2.82nm		4.6mb
			i	27 57.00
MZF	81.68	44	iPd	27 57.30 0.6
	0.9s	15.70nm		5.1mb
BGF	81.90	43	iPd	27 58.50 0.7
	0.9s	17.00nm		5.1mb
GRC	82.13	43	iPc	27 58.70 -0.3
AVF	82.27	43	iPd	27 59.90 0.2
	1.0s	18.20nm		5.1mb
SSF	82.40	43	iPd	28 00.60 0.2
	0.9s	13.70nm		5.1mb
SMF	82.59	43	iPd	28 01.70 0.3
	1.0s	20.00nm		5.2mb
LOR	82.66	43	iPd	28 02.10 0.3
	1.0s	16.00nm		5.1mb
LBF	82.71	43	eP	28 02.30 0.2
IMA	83.18	336	eP	28 05.30 1.1
DOU	83.42	40	P	28 07.50 1.9
TTA	83.61	333	P	28 07.00 0.6
LRG	84.12	47	iPd	28 10.00 0.8
	0.9s	23.80nm		5.4mb
LMR	84.22	47	iPd	28 10.80 1.0
ENN	84.32	39	eP	28 11.50 1.4
	0.9s	33.00nm		5.6mb
FRF	84.33	47	eP	28 11.20 0.8
	0.9s	24.90nm		5.4mb
MEM	84.36	39	Pc	28 13.70 3.4X
WLF	84.39	40	P	28 09.40 -1.0
HAU	84.40	42	eP	28 11.30 0.7
EMS	84.68	44	eP	28 15.00 2.7X
BSF	84.69	42	eP	28 12.50 0.3
	0.7s	13.00nm		5.3mb
WIT	84.94	37	eP	28 17.30 4.2X
WTS	84.97	38	ePc	28 15.00 1.7
	0.9s	37.00nm		5.6mb
CDF	85.04	42	eP	28 14.40 0.5
	0.8s	10.70nm		5.1mb
GWF	85.30	41	eP	28 14.40 -0.7
MMK	85.39	44	eP	28 18.60 2.7X
BUH	85.69	41	eP	28 15.50 -1.6
SLE	85.83	42	eP	28 18.70 0.9
TNS	85.90	40	eP	28 21.40 3.3X
LLS	86.14	43	eP	28 22.00 2.4
VDL	86.45	44	eP	28 23.20 2.1
MUD	86.60	34	iP	28 23.50 2.2
	1.0s	46.00nm		5.6mb
OSS	86.92	44	eP	28 25.60 2.2
KONO	86.95	31	eP	28 26.60 3.7X
SAL	87.17	45	eP	28 27.50 3.2X
GRF	87.68	41	eP	28 29.90 3.2X
	1.7s	62.00nm		5.6mb
Z	21s	0.30um		4.7Msz
NB2	87.79	29	P	28 25.80 -1.2
	0.9s	23.50nm		5.5mb
MOX	87.94	40	e(P)	28 31.50 3.6X
CTI	87.96	44	eP	28 28.50 0.2
CLL	88.81	39	eP	28 35.00 2.9X
HFS	89.02	30	eP	28 30.50 -2.4
	0.8s	10.80nm		5.2mb
Z	21s	0.99um		5.2Msz
			LR	14 53.00

KBA 89.12 43 eP 28 32.50 -1.4
0.8s 4.80nm 4.8mb
i 28 40.00
KHC 89.22 41 Pc 28 35.00 0.8
1.0s 12.50nm 5.1mb
BRG 89.41 39 eP 28 37.00 2.0
2.0s 44.00nm 5.4mb
eSg 32 55.80
PRU 89.82 40 P 28 39.50 2.6X
KSP 90.90 39 eP 28 41.50 -0.4
UPP 91.00 30 iP 28 43.50 1.4
SPA 91.55 180 e(P) 28 41.00 -3.7
ZST 91.60 42 e(P) 28 48.00 2.9X
KRA 93.29 40 eP 28 57.00 4.1X
SOD 93.80 22 eP 28 56.00 1.1
NUR 94.39 29 iP 28 59.70 2.0
SUF 94.64 27 eP 29 01.00 2.2
KJF 94.99 25 iP 29 02.50 2.1
0.7s 17.40nm 5.6mb
BNG 95.43 85 iPd 29 05.10 1.6
1.2s 31.70nm 5.6mb
WAM 125.35 225 ePKP 34 43.20 3.3X
CAN 125.68 226 ePKP 34 43.70 3.0X
YOU 126.61 227 ePKP 34 45.90 3.4X
WMQ 132.79 15 ePKP 34 57.50 3.5X
BJI 136.88 345 ePKP 35 04.00 2.3X
GTA 139.13 4 ePKP 35 02.90 -3.2X
XAN 144.15 352 ePKP 35 11.20 -3.8X
WB2 144.30 237 ePKP 35 13.20 -2.4X
WRA 144.31 237 PKPc 35 13.10 -2.5X
0.9s 26.00nm
POO 145.08 54 iPKPd 35 19.00 2.1X
KKN 146.22 29 iPKP 35 19.00 0.1
DMN 146.28 29 iPKP 35 19.30 0.2
WHN 146.29 342 PKPc 35 20.00 1.4
PKI 146.46 29 iPKP 35 19.50 0.1
LSA 146.92 19 ePKP 35 21.10 0.8
HYB 149.42 51 ePKP 35 26.50 2.5X
GBA 150.53 58 PKPd 35 27.80 2.2X
0.8s 11.20nm
SHL 150.97 21 iPKP 35 28.00 1.7
KOD 152.03 65 ePKP 35 34.00 5.7X
KMI 153.47 0 ePKP 35 34.00 4.0X
S.D. = 1.4 on 125 of 173 obs.

• APR 10, 1985 20h 34m 17.94± 1.06s
66.328 N ±11.1km 149.921 W ± 7.7km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.6 (PMR).

IMA 1.55 262 iPc 34 46.30 0.6
COL 1.68 147 eP 34 47.00 -0.5
e 34 50.00
eS 35 10.00
FBA 1.68 147 ePd 34 47.00 -0.5
TTA 4.30 220 eP 35 23.50 -1.5
TOA 4.55 157 eP 35 29.60 1.2
PME 4.74 175 eP 35 33.00 2.0X
DWY 4.97 112 P 35 34.00 -0.3
PMS 5.11 178 eP 35 37.30 1.0
INK 6.65 65 eP 35 58.00 0.1
S.D. = 1.1 on 8 of 9 obs.

APR 10, 1985 20h 37m 33.79± 1.97s
49.988 N ± 3.1km 159.416 E ± 2.2km
DEPTH = 27.6 ± 14.0 km
5.5mb (79 obs.) 4.9Msz (6 obs.)
KURIL ISLANDS REGION (222)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 25C
Centroid Location:
Origin Time 20:37:40.4 0.5
Lat 50.03N 0.07 Lon 159.14E 0.07
Dep 51.0 4.6 Half-duration 1.8
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.31 0.08 Mtt= 0.13 0.08
Mff=-1.44 0.09 Mrt=-0.60 0.09
Mrf=-0.44 0.12 Mtf=-0.60 0.11
Principal Axes:
T Val= 1.57 Plg=68 Azm=170
N 0.20 18 25
P -1.77 12 291
Best Double Couple:Mo=1.7*10**24
NP1:Strike= 0 Dip=37 Slip= 59
NP2: 216 59 111

SAP 14.23 248 eP 40 54.00 -1.3
ADK 15.17 74 ePc 41 09.10 1.5
TSK 19.63 233 eP 42 01.70 -1.3
MAT 20.38 237 iPd 42 10.60 -0.3
0.8s 141.79nm 5.4mb
Z 20s 1.42um 4.3Msz
eS 45 56.00
SRY 20.52 233 eP 42 14.50 2.1
OYM 20.68 233 eP 42 13.40 -0.7
MDJ 20.84 267 eP 42 12.30 -3.3X
eS 45 53.00
CN2 23.88 268 Pc 42 44.00 -1.6
S 46 52.00
SHK 24.92 242 eP 42 56.80 1.0
SNY 26.03 266 Pc 43 07.00 0.9
S 47 32.00
TTA 27.18 45 iPc 43 17.00 0.4
IMA 28.69 38 iPc 43 29.80 -0.4
KDC 28.85 56 iPc 43 30.60 -1.0
e 46 39.70
PMR 30.33 48 P 43 44.00 -0.7
PME 30.38 48 eP 43 43.50 -1.7
0.7s 22.90nm 5.1mb
e 46 43.20
COL 30.98 41 iPc 43 50.90 0.4
1.2s 150.78nm 5.7mb
FBA 30.98 41 iPc 43 50.60 0.1
1.1s 106.30nm 5.6mb
BJI 31.74 269 eP 43 57.00 -0.4
N 17s 1.50um
eS 49 06.00
TIA 33.34 262 P 44 11.60 0.2
eS 49 23.50
SSE 34.16 251 Pc 44 22.60 4.1X
1.0s 56.00nm 5.4mb
N 32s 1.40um
E 32s 1.20um
HHC 34.29 273 eP 44 19.00 -0.7
S 49 45.00
NJ2 34.94 255 eP 44 25.00 -0.1
PNL 35.32 50 eP 44 28.10 0.0
BTO 35.42 274 eP 44 29.00 -0.3
S 50 06.00
TIY 35.46 268 iPd 44 30.60 0.9
pP 44 40.50 33kmX
PP 45 56.00
S 50 03.50
INK 36.64 35 iPc 44 39.20 0.1
0.7s 24.00nm 5.2mb
SIT 38.07 54 iPc 44 53.50 2.3
MBC 40.08 22 eP 45 09.00 1.2
0.9s 60.00nm 5.3mb
LZH 41.97 272 iPd 45 25.50 1.5
1.5s 345.00nm 5.9mb
GTA 42.61 279 iPd 45 30.00 0.8
i 45 50.00
PP 47 09.00
ScP 51 08.60
ScS 55 24.50
OPA 43.72 114 P 45 32.50 -5.6X
PHC 44.89 60 eP 45 48.00 0.7
CD2 45.30 267 P 45 52.00 1.1
YKA 45.78 40 eP 45 55.00 0.8
BAG 45.81 237 eP 45 54.00 -1.2
YKC 45.84 40 ePc 45 55.00 0.4
1.2s 71.00nm 5.5mb
ALE 46.07 7 ePc 45 56.80 0.5
0.6s 20.00nm 5.2mb
GYA 46.47 260 P 46 00 40 0.1
WMQ 47.66 292 Pd 46 10.00 0.6
S 53 05.50
PLP 47.98 228 ePd 46 12.00 -0.1
PGC 48.17 60 eP 46 13.00 -0.1
MCW 48.50 60 P 46 16.00 0.2
GMW 49.14 61 P 46 20.70 0.0
BFW 49.48 62 P 46 23.60 0.1
KMI 49.91 262 eP 46 27.50 0.3
PNT 49.92 58 iPc 46 26.60 -0.1
0.7s 79.00nm 5.9mb
OIZ 49.94 250 eP 46 28.40 1.2
LON 50.14 61 P 46 39.00 10.6X
SHW 50.21 62 P 46 30.40 1.3
COR 50.52 65 iPc 46 32.00 0.8
EDM 51.02 51 iPc 46 34.80 -0.5
0.9s 156.00nm 5.9mb
NEW 51.88 58 P 46 40.80 -0.8
1.0s 47.50nm 5.4mb

FHC 52.36 69 ePc 46 46.90 1.6
RXF 52.61 56 iPc 46 46.80 -0.4
LHD 52.73 57 iPc 46 48.00 -0.1
LDM 52.74 56 iP 46 34.40 -13.8X
CLX 52.99 57 iPc 46 50.00 -0.2
LMHM 53.27 67 P 46 53.20 0.8
WDC 53.36 68 iPc 46 53.50 0.8
DAG 53.51 359 iPd 46 52.30 -1.0
0.7s 21.92nm 5.3mb
i 47 12.00
SES 53.83 52 eP 46 55.00 -1.1
MIN 54.07 68 iPc 46 58.20 0.1
ORV 54.62 69 iPc 47 02.00 0.0
BRK 55.23 71 ePc 47 06.90 0.5
BKS 55.24 71 eP 47 06.50 0.0
1.4s 192.00nm 5.9mb
PCC 55.39 71 ePc 47 07.40 -0.2
FFC 55.52 44 iPc 47 07.80 -0.5
1.4s 119.00nm 5.7mb
KEV 55.63 342 iP 47 08.00 -0.9
0.7s 29.40nm 5.4mb
i 47 23.40
eS 54 48.00
WCN 55.82 68 P 47 11.70 0.8
LRM 55.90 58 ePc 47 10.60 -0.9
GCC 55.93 71 iPc 47 11.50 0.0
MHC 55.95 71 iPc 47 12.00 0.2
ARN 56.01 71 P 47 12.00 -0.1
JAS1 56.31 69 iPc 47 14.80 0.5
i 47 19.40
SLD 56.37 71 P 47 02.10 -12.6X
SAO 56.44 71 ePc 47 15.00 -0.2
BMN 56.61 65 P 47 17.00 0.4
1.0s 110.00nm 5.8mb
PRS 56.77 72 iPc 47 17.70 0.2
LLA 56.84 71 iPc 47 18.40 0.3
HPI 56.88 60 P 47 19.00 0.4
CHTO 56.89 260 iPc 47 19.00 0.4
0.9s 10.66nm 4.9mb
TRO 57.24 345 iP 47 19.30 -1.1
KSH 57.28 294 P 47 22.00 0.7
sP 47 36.00
iS 55 17.00
PRI 57.32 71 iPc 47 22.10 0.5
e 47 28.30
MNA 57.34 68 iPc 47 22.20 0.4
i 47 29.90
FRI 57.35 70 iPc 47 21.60 0.0
SOD 57.68 340 iP 47 22.70 -0.9
i 47 38.00
TMI 57.79 60 P 47 25.40 0.4
NST 58.49 256 eP 47 39.00 9.2X
BLP 58.53 72 P 47 30.00 0.1
GDH 58.63 13 iPd 47 29.50 -0.6
1.2s 159.38nm 6.0mb
i 47 45.00
CWC 58.70 69 eP 47 30.00 -1.3
SYP 58.81 72 eP 47 32.00 0.0
e 47 44.00
WKTM 58.90 70 P 47 32.00 -0.6
HNR 59.17 179 eP 47 33.00 -1.4
VPEM 59.18 70 P 47 34.60 0.0
CLC 59.40 70 iP+ 47 36.00 0.0
BDW 59.44 59 P 47 36.00 -0.5
1.0s 140.00nm 6.0mb
AAI 59.86 217 e(P) 47 38.50 -0.7
SBB 60.02 71 eP 47 40.00 -0.3
KJF 60.08 338 iP 47 39.50 -0.7
0.8s 46.90nm 5.7mb
i 48 00.20
eS 55 48.00
PMG 60.11 194 eP 47 40.00 -0.9
PAS 60.17 71 eP 47 40.00 -1.2
MWC 60.19 71 eP 47 41.00 -0.6
GSC 60.23 70 eP 47 41.00 -0.7
e 48 26.00
FRB 60.54 22 ePc 47 41.40 -1.9
0.8s 85.00nm 5.9mb
RVR 60.76 71 eP 47 45.00 -0.3
TPC 61.49 70 eP 47 49.00 -1.3
PLM 61.51 71 eP 47 50.00 -0.6
RSSD 61.52 54 iP 47 51.80 1.2
1.0s 151.00nm 6.1mb
SUF 61.71 338 iP 47 50.10 -1.2
0.8s 36.60nm 5.6mb
RSON 61.84 43 P 47 51.50 -0.9
1.4s 75.47nm 5.6mb

10d 20h

GLA	62.95	70	iPc	48 00.10	0.1
GOL	63.85	59	P	48 06.20	0.0
	0.9s	28.41nm			5.4mb
NUR	63.97	337	iP	48 05.20	-1.1
	0.8s	49.90nm			5.7mb
Z	23s	1.00um			4.9MszX
			i	48 24.70	
			LR	19 00.00	
AKU	64.65	359	iP	48 05.00	-5.5X
	1.0s	28.00nm			5.3mb
SNG	64.75	250	eP	48 12.50	0.6
LHC	65.59	43	eP	48 15.50	-1.4
UPP	66.21	340	iP	48 19.70	-0.9
			i	48 39.80	
NB2	66.41	344	P	48 20.90	-1.1
	1.0s	35.40nm			5.4mb
NB2	66.41	344	P	48 41.00	19.0X
	1.0s	51.80nm			
IPM	66.56	248	ePc	48 23.60	0.1
			e	48 34.60	
ALQ	66.59	63	iPc	48 23.80	0.0
	1.0s	52.50nm			5.6mb
HFS	66.78	342	eP	48 23.10	-1.2
	0.9s	19.00nm			5.2mb
KGM	67.26	244	ePc	48 28.70	0.7
			e	48 43.50	
KONO	68.00	344	eP	48 31.50	-0.5
SCH	68.64	27	ePd	48 35.30	-0.8
	0.5s	24.00nm			5.6mb
MHI	68.88	301	iPc	48 38.00	0.0
			eS	57 36.00	
TRT	70.34	230	ePc	48 46.50	-0.4
	1.1s	145.30nm			6.0mb
KNA	70.81	211	eP	48 49.00	-0.7
HYB	71.03	275	iPc	48 50.50	-0.7
	1.0s	50.00nm			5.6mb
MUD	71.08	343	iPc	49 11.00	20.1X
	1.2s	48.00nm			
MOT	71.09	65	eP	48 50.60	-1.1
TUL	71.81	56	iPd	48 55.20	-0.4
	1.3s	258.10nm			6.1mb
Z	22s	0.55um			4.8Msz
N	23s	0.32um			
E	20s	0.21um			
RLO	72.02	55	iPc	48 55.50	-1.4
NOU	72.24	173	iPc	48 58.00	-0.1
LTX	72.28	66	P	48 58.50	-0.1
	0.8s	131.39nm			6.0mb
ELO	72.99	350	ePc	49 01.50	-0.8
			i	49 10.00	
FVM	73.00	51	eP	49 01.80	-0.8
	1.1s	115.85nm			5.8mb
WB2	73.08	205	iPc	49 02.00	-1.1
WRA	73.08	205	Pc	49 02.20	-1.0
	1.2s	115.80nm			5.8mb
POO	73.22	279	iPc	49 05.00	0.8
EAB	73.33	351	ePc	49 03.60	-0.6
	1.5s	70.00nm			5.5mb
			e	49 11.50	
ESY	73.41	350	ePc	49 03.20	-1.5
	1.2s	50.00nm			5.4mb
			e	49 11.60	
OTT	73.62	37	eP	49 05.00	-1.1
JCT	73.67	62	iP	49 06.30	-0.3
	1.0s	130.00nm			5.9mb
Z	22s	0.67um			4.9Msz
EKA	74.04	350	Pc	49 07.80	-0.6
	0.7s	8.60nm			4.9mb
MNT	74.33	36	iPc	49 09.00	-1.2
	0.8s	35.00nm			5.4mb
TAB	74 39	311	e(P)	49 11.00	0.2
[illegible]	74.39	53	P	49 09.60	-1.1
KPA	74 47	334	eP	49 10.70	-0.2
			e	49 16.10	
			i	49 31.10	
GBA	74 57	273	Pc	49 09.10	-2.9
	0.9s	32.70nm			5.4mb
KSP	74.73	337	iPc	49 12.20	-0.2
	1.2s	56.00nm			5.5mb
			e	49 16.80	
RSNY	74.79	37	P	49 11.70	-1.2
	0.8s	42.25nm			5.5mb
WIT	75.01	343	eP	49 15.00	1.1
CLL	75.10	339	iPc	49 14.30	-0.2
	1.2s	25.00nm			5.1mb
			i	49 19.90	
			e	49 31.00	
SPC	75.17	334	eP	49 15.50	0.3
			e	49 45.00	
BRG	75.29	338	iPc	49 15.00	-0.6
	1.6s	28.00nm			5.0mb
			e	49 34.00	
JOS	75.71	333	iPc	49 18.10	0.1
	1.0s	18.60nm			5.1mb
WTS	75.76	343	iPd	49 18.80	0.5
	1.0s	26.00nm			5.2mb
			e	52 27.00	
PRU	75.96	337	PKPc	49 19.50	0.0
Z	19s	1.20um			5.2Msz
N	17s	0.70um			
E	18s	0.30um			
			e	49 25.00	
BNH	75.99	35	P	49 19.90	0.2
MOX	76.04	340	eP	49 19.00	-0.9
			i	49 40.00	
CFR	76.18	327	eP	49 20.00	-0.7
MIM	76.23	33	P	49 21.00	0.0
HKT	76.31	60	eP	49 22.00	0.3
MLR	76.67	328	iPd	49 25.50	1.8
KER	76.92	308	eP	49 27.00	1.7
ZST	76.95	335	eP	49 25.50	0.5
			e	49 54.50	
SRO	76.96	334	iP	49 26.00	0.9
			e	49 54.00	
KHC	76.99	338	iPKPc	49 25.80	0.5
	1.0s	36.00nm			5.4mb
			i	49 31.30	
			e	49 45.10	
GRF	77.02	339	eP	49 25.90	0.5
	0.9s	24.00nm			5.2mb
Z	22s	0.60um			4.9Msz
BUD	77.06	334	eP	49 25.50	-0.1
KOD	77.07	271	eP	49 25.60	-0.9
ENN	77.10	343	iPc	49 26.10	0.3
	1.0s	36.00nm			5.4mb
			i	49 46.30	
WET	77.15	338	iPc	49 26.60	0.5
CMP	77.17	329	ePd	49 28.00	1.7
MEM	77.24	343	PKPc	49 26.90	0.4
MSL	77.26	312	eP	49 27.50	0.6
UCC	77.36	344	PKPc	49 38.50	11.3X
PSN	77.47	326	eP	49 33.00	5.1X
SOP	77.56	335	eP	49 28.20	-0.2
SHI	77.73	302	eP	49 23.00	-6.8X
KMR	77.85	337	iP-	49 31.20	1.2
DOU	77.99	344	PKP	49 31.00	0.3
CLO	78.08	330	eP	49 30.00	-1.3
WLF	78.11	343	PKP	49 33.40	2.1
GWF	78.48	341	eP	49 33.40	0.0
STJ	78.93	22	eP	49 36.00	0.1
KBA	78.96	337	iPc	49 36.80	0.5
	0.9s	107.00nm			5.9mb
			i	49 42.70	
			i	50 00.10	
			i	50 14.20	
PVL	79.00	328	iPd	49 36.00	-0.3
MBL	79.03	217	iPc	49 36.40	-0.3
CDF	79.09	342	eP	49 36.90	0.0
PMO	79.54	129	iP	49 41.00	1.5
	1.1s	95.00nm			5.7mb
LJU	79.62	336	e(P)	49 39.40	-0.2
			e	49 44.90	
TPT	79.66	128	iP	49 41.10	0.9
	1.1s	125.00nm			5.8mb
HAU	79.66	342	eP	49 49.90	10.0X
OGA	79.72	339	eP	49 40.80	0.3
BSF	79.74	342	eP	49 40.20	-0.2
VOY	79.79	336	e(P)	49 40.00	-0.7
DIM	79.83	327	eP	49 40.00	-0.8
VAH	79.87	128	iP	49 42.10	0.8
	1.1s	65.00nm			5.6mb
RUV	79.95	128	iP	49 42.60	0.9
	1.1s	120.00nm			5.8mb
PRM	80.06	48	P	49 42.40	0.2
PLD	80.08	328	eP	49 47.00	4.8X
OSS	80.10	339	eP	49 42.90	0.4
FLN	80.12	347	eP	49 42.50	0.2
VTS	80.15	329	iPd	49 43.00	0.5
LDF	80.23	346	iPc	49 43.10	0.2
KDZ	80.26	327	iP	49 43.00	-0.2
CTI	80.34	338	eP	49 43.50	-0.2
VDL	80.44	339	eP	49 45.10	0.8
GRR	80.54	347	iPc	49 45.10	0.6
	1.1s	61.00nm			5.5mb
AFR	80.77	131	iP	49 46.80	0.8
	1.1s	170.00nm			6.0mb
LOR	80.85	343	iPc	49 46.40	0.2
	1.1s	18.00nm			5.0mb
MMB	80.87	328	iPd	49 46.00	-0.5
PPT	80.89	131	iP	49 47.80	1.1
	1.1s	140.00nm			5.9mb
LPF	80.92	347	iPc	49 47.20	0.7
	1.1s	31.60nm			5.2mb
PPN	80.93	131	iP	49 47.80	0.9
	1.1s	100.00nm			5.7mb
GRC	80.96	344	iPc	49 47.20	0.4
PAE	80.97	131	iP	49 47.90	0.8
	1.1s	130.00nm			5.9mb
SAL	81.02	338	eP	49 49.00	1.9
LBF	81.10	343	eP	49 47.70	0.1
SSF	81.11	344	eP	49 47.80	0.2
MMK	81.19	340	eP	49 49.60	1.3
TVO	81.23	131	iP	49 49.00	0.4
	1.1s	80.00nm			5.7mb
RTB	81.29	312	eP	49 50.00	1.3
			e	50 20.00	
SKO	81.30	330	eP	49 48.00	-0.6
Z	18s	1.07um			5.2Msz
E	19s	0.71um			
			i	50 11.00	
EMS	81.39	341	eP	49 49.90	0.6
AVF	81.40	344	eP	49 49.40	0.3
	1.3s	40.80nm			5.3mb
SMF	81.45	343	iPc	49 49.60	0.2
VAY	81.51	329	iP	49 49.50	-0.2
ORO	81.59	340	eP	49 57.00	6.8X
BGF	81.72	344	eP	49 51.10	0.4
CMS	82.01	192	eP	49 52.00	-0.2
	1.0s	19.00nm			5.1mb
TCF	82.09	344	iPc	49 54.00	1.3
	1.1s	20.00nm			5.1mb
MZF	82.09	344	iPc	49 58.00	5.3X
	1.2s	5.40nm			4.5mb X
MFF	82.18	346	iPc	49 54.00	0.9
	1.1s	41.00nm			5.4mb
LSF	82.24	345	iPc	49 54.10	0.6
	1.2s	56.10nm			5.5mb
ELL	82.81	321	eP	49 56.60	-0.1
RJF	83.16	344	eP	49 59.30	1.0
	1.2s	38.00nm			5.4mb
AQU	83.34	335	e(P)	50 09.00	9.7X
CAF	83.43	344	iPc	50 00.90	1.2
	1.1s	31.70nm			5.4mb
MNS	83.50	336	e(P)	50 01.50	1.5
LPO	83.82	345	eP	50 02.70	1.1
	1.1s	29.30nm			5.4mb
FRF	83.84	340	eP	50 02.10	0.3
LRG	84.01	341	iPc	50 00.00	-2.6
	1.1s	37.60nm			5.5mb
LMR	84.09	340	iPc	50 04.00	1.0
	1.1s	21.40nm			5.3mb
MEK	84.45	216	eP	50 04.00	-0.9
YOU	84.47	189	eP	50 05.20	0.4
CAN	85.44	189	eP	50 09.80	0.2
EPF	85.57	345	eP	50 12.80	2.3
TBI	85.91	134	iP	50 14.00	1.9
	1.5s	130.00nm			5.9mb
WAM	86.31	189	eP	50 14.50	0.6
LGR	86.58	347	eP	50 01.00	-14.5X
MRWA	87.77	217	eP	50 20.60	-0.5
	0.8s	48.00nm			5.8mb
BNG	116.14	315	iPKPd	56 15.60	-0.6
	1.0s	15.80nm			
KIC	122.22	341	ePKP	56 26.90	-0.8
			e	56 47.90	
MTD	126.76	289	ePKP	56 35.00	-1.5
ZOBO	129.14	66	ePKP	56 40.30	-1.3
	1.0s	16.00nm			
BUL	131.13	289	iPKPd	56 44.00	-0.8
ITR	136.30	26	ePKP	56 40.90	-13.7X
			e	56 53.90	
VIR	138.02	283	e(PKP)	56 56.50	-1.2
	0.6s	20.00nm			
SPA	139.80	180	e(PKP)	56 50.00	-9.7X
VAO	146.05	47	ePKP	57 11.40	-0.4
			e	57 24.30	

S.D. = 0.9 on 244 of 265 obs.

APR 10, 1985 20h 38m 09.75± 1.11s
6.478 N ± 6.8km 124.013 E ± 8.0km
DEPTH = 33.9 ± 13.7 km

4.7mb (5 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

DAV	1.66	69	iPd-	38	39.00	1.9
CGP	2.08	19	ePd	38	41.50	-1.4
			iS	39	04.50	
PLP	4.75	12	iPc	39	20.00	-0.9
			iS	39	29.00	
MNI	5.07	171	eP	39	26.00	0.5
			eS	40	22.20	
KKM	7.76	267	ePd	40	03.10	-0.3
BAG	10.43	341	eP	40	42.00	1.7
AAI	10.93	157	eP	40	45.50	-1.4
JAY	18.91	118	ePd	42	30.00	-0.3
KGM	21.10	259	eP	42	54.00	0.1
KNA	22.58	168	eP	43	08.00	-0.6
IPM	22.96	266	ePc	43	12.10	-0.3
LOE	24.32	298	eP	43	26.00	0.3
			e	47	12.00	
PPI	24.56	255	ePc	43	29.20	1.3
	0.8s		31.10nm			4.9mb
BDT	26.67	296	eP	43	49.00	1.3
CHTO	27.31	299	eP	43	53.80	0.2
	1.0s		2.50nm			3.8mb
MBL	27.77	188	eP	43	57.00	-0.6
WRA	28.15	159	Pc	43	59.40	-1.7
	0.8s		11.10nm			4.6mb
WB2	28.16	159	eP	43	59.20	-2.0
WBN	32.52	176	eP	44	39.50	-0.3
MEK	33.32	189	eP	44	46.00	-0.7
LZH	34.79	331	eP	44	58.50	-1.0
SHL	36.08	305	eP	45	07.80	-2.9
			iS	47	16.70	
MRWA	36.32	192	eP	45	12.00	-0.4
STK	41.67	157	iPd	45	57.70	0.9
ADE	43.49	162	iPd	46	12.80	1.1
	0.8s		34.33nm			5.2mb
HYB	45.67	288	eP	46	33.50	4.0X
GBA	46.34	283	P	46	37.00	2.2
	0.8s		5.50nm			4.6mb
YOU	46.63	152	eP	46	37.90	1.1
			i	46	47.40	
CAN	47.77	152	eP	46	47.20	1.4
			e	46	55.80	
WAM	48.44	153	eP	46	52.40	1.5
			e	47	03.10	
NDI	49.37	302	eP	46	56.00	-2.2
POO	50.26	289	iPc	47	06.00	0.8
S.D. = 1.4			on 31 of 32 obs.			

? APR 10, 1985 20h 39m 59.40± 1.06s
31.443 S ±28.8km 67.703 W ± 7.3km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.49	250	iPd	40	09.30	0.0
			S	40	13.60	
RTLL	0.67	280	iPd	40	12.70	0.0
			S	40	21.50	
RTCB	0.94	267	ePd	40	17.30	-0.1
			S	40	29.20	
TCA	2.66	89	ePc	40	43.20	0.0
			S	41	22.00	
S.D. = 0.1			on 4 of 4 obs.			

* APR 10, 1985 20h 57m 17.33± 3.62s
24.801 N ±10.5km 122.176 E ±28.8km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC	0.35	237	iPc	57	24.40	-0.2
TWZ	0.62	299	ePd	57	30.50	0.7
			eS	57	40.50	
TATO	0.65	286	eP	57	31.00	0.7
			eS	57	41.40	
ANP	0.71	303	eP	57	30.00	-1.4
TWD	0.89	217	iPd	57	34.00	-0.4
TWG	2.22	207	ePd	57	55.00	0.3
S.D. = 1.0			on 6 of 6 obs.			

APR 11, 1985 02h 12m 44.72± 0.72s
32.016 S ± 6.4km 67.179 W ± 7.4km
DEPTH = 135.1 ± 14.0 km
MENDOZA PROVINCE, ARGENTINA (139)

CFA	0.99	294	iPd	13	08.00	-0.3
			S	13	24.20	
RTLL	1.30	302	iPd	13	11.20	-0.2
			(S)	13	27.30	
ZON	1.36	290	iPd	13	11.90	-0.2
			eS	13	32.00	
RTCB	1.48	291	iPd	13	13.40	0.0
			S	13	34.00	
TCA	2.31	74	iPd	13	23.50	0.2
FCH	2.93	243	iPc	13	32.00	0.4
			iS	14	02.00	
RFA	2.95	201	iPc	13	31.50	0.0
			(S)	14	05.00	
JACH	2.96	256	iPc	13	32.40	0.6
PEL	3.17	248	iP	13	35.00	0.6
			iS	14	06.20	
VCA	3.38	345	iPc	13	37.70	0.4
			S	14	17.00	
TACH	3.56	242	iPc	13	49.40	9.9X
			i(S)	14	09.40	
LNV	4.05	240	iPd	13	44.70	-1.3
FSA	6.00	10	e(P)	14	12.50	0.2
SLA	7.41	12	eP	14	31.20	-0.5
S.D. = 0.6			on 13 of 14 obs.			

* APR 11, 1985 02h 18m 16.62± 1.29s
50.357 N ±21.0km 18.786 E ±10.0km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.2 (KBA), 3.1 (VKA), 3.1 (KRA).

KRA	0.80	112	iPgc	18	31.90	-0.2
			iSg	18	42.10	
SPC	1.50	140	i(Pn)	18	44.60	0.8
			i(Sn)	19	04.60	
KSP	1.66	288	ePn	18	46.00	0.1
			iPg	18	49.20	
			iS	19	12.00	
JOS	2.19	148	e(P)	18	53.00	-0.5
ZST	2.43	208	e(Pn)	19	27.00	30.1X
			e	19	31.50	
VKA	2.64	219	iPgd	19	05.70	5.7X
			iSg	19	39.20	
PRU	2.75	264	Pg	19	09.00	7.4X
			Sg	19	43.00	
BRG	3.13	281	ePg	19	16.00	9.2X
			iSg	19	57.00	
KHC	3.59	252	ePn	19	13.40	-0.1
			e	19	42.50	
			Sg	20	06.50	
KBA	4.87	230	iPgd	19	47.50	15.7X
			iSg	20	53.10	
S.D. = 0.7			on 5 of 10 obs.			

& APR 11, 1985 02h 49m 05.10s
59.494 N 152.570 W
DEPTH = 70.2km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.70	350	iP	49	19.82	-0.4
			iS	49	31.64	
NNL	0.85	49	iP	49	22.34	0.4
PDB	0.88	290	eP	49	21.40	-0.9
			iS	49	34.35	
BRLK	0.90	72	iP	49	21.75	-0.9
			iS	49	35.04	
RDT	1.09	4	iP	49	24.54	-0.5
NKA	1.42	27	eP	49	30.60	1.2
SLKM	1.56	48	eP	49	30.12	-1.2
SEW	1.69	67	eP	49	31.42	-1.6
SPU	1.71	8	iP	49	33.23	-0.2
KDC	1.75	179	eP	49	31.54	-2.3
CRP	1.79	6	eP	49	34.72	0.1
CGLM	1.84	8	iP	49	35.37	0.1
MPA	1.90	57	eP	49	34.89	-1.0
SVW	2.22	318	eP	49	39.22	-1.2
PTE	2.24	51	iP	49	39.62	-1.0
PWS	2.31	39	iP	49	40.85	-0.8
			iS	50	08.00	
PWA	2.54	30	eP	49	44.38	-0.4
PLRM	2.71	37	eP	49	45.42	-1.7
PME	2.76	38	eP	49	46.59	-1.3
KNK	2.80	45	eP	49	46.59	-1.9
GHO	2.91	37	eP	49	48.08	-2.0
MSE	2.95	35	eP	49	49.10	-1.5
GLI	3.07	61	iP	49	49.27	-2.9
SML	3.12	40	eP	49	51.03	-2.0
TTV	3.13	58	eP	49	50.53	-2.6
FID	3.30	65	iP	49	51.87	-3.6
VZW	3.38	60	eP	49	53.92	-2.7
SCM	3.49	45	eP	49	56.44	-1.7
VLZ	3.51	59	eP	49	55.66	-2.7
SGAM	3.83	72	eP	50	00.19	-2.7
KLU	3.85	56	iP	50	00.72	-2.5
TOA	4.08	47	eP	50	05.03	-1.5
32 obs. associated						

? APR 11, 1985 03h 44m 00.34± 4.24s
46.954 N ±26.4km 149.988 E ±23.8km
DEPTH = 167.2 ± 44.1 km
4.4mb (6 obs.)
KURIL ISLANDS (221)

MAT	13.60	224	eP	47	07.00	-0.5
COL	37.34	38	eP	50	58.00	0.5
	0.7s		5.14nm			4.3mb
KMI	43.19	257	Pd	51	42.00	-4.3X
CHTO	50.10	254	iPd	52	41.00	0.9
	0.6s		5.61nm			4.4mb
YKA	52.03	36	eP	52	56.40	2.2
KKN	53.33	273	eP	53	05.50	1.0
	0.6s		21.00nm			5.1mb
PKI	53.38	273	eP	53	05.80	0.8
	0.7s		12.00nm			4.8mb
FRB	65.53	18	eP	54	25.00	-2.2
NB2	67.32	340	P	54	36.80	-1.8
	0.6s		1.40nm			3.9mb
WRA	68.06	196	P	54	43.00	-0.6
	0.3s		0.50nm			3.8mb
GBA	68.29	267	Pd	54	44.70	-0.4
S.D. = 1.6			on 10 of 11 obs.			

APR 11, 1985 04h 20m 25.09± 0.51s
44.248 N ± 6.8km 101.813 E ± 8.4km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
MONGOLIA (334)

GTA	5.06	198	Pn	21	41.60	0.8
			Pg	22	04.50	
			Sn	22	33.60	
			Sg	23	00.00	
LZH	8.30	169	eP	22	24.00	-2.2
	1.5s		0.30nm			3.2mb X
			eS	24	55.00	
			Lg	25	39.50	
			Lg	25	50.00	
WMQ	10.18	273	P	22	52.50	0.5
			Lg	25	45.60	
TIY	10.34	125	eP	23	08.90	14.6X
BJI	11.46	107	eP	23	30.00	20.6X
			eLg	26	17.00	
XAN	11.59	149	eP	23	13.20	2.0
			Lg	26	26.00	
CN2	17.00	83	eP	24	22.00	0.3
			eS	27	27.00	
GYA	18.18	166	eP	24	39.80	3.1X
KKN	21.11	224	eP	25	09.20	-0.2
	0.7s		25.00nm			4.7mb
PKI	21.23	224	eP	25	11.40	0.7
	0.9s		51.00nm			4.9mb
CHTO	25.47	186	e(P)	25	50.50	-1.3
SUF	45.64	321	iP	28	43.80	0.1
	0.7s		1.50nm			4.0mb
NUR	46.90	319	iP	28	54.00	0.3
HFS	52.14	321	eP	29	33.20	-0.8
	0.5s		2.60nm			4.4mb
INK	60.44	21	eP	30	33.00	-0.3
YKA	69.68	17	eP	31	33.00	0.1
YKC	69.72	17	eP	31	33.00	-0.1
S.D. = 1.1			on 14 of 17 obs.			

& APR 11, 1985 05h 25m 58.92s
60.668 N 149.436 W
DEPTH = 39.0km
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

MPA	0.18	168	iP	29	05.66	-0.3
PTE	0.28	46	iP	29	06.39	-0.5
			iS	29	11.06	
SLKM	0.42	248	iP	29	07.67	-0.9
SEW	0.57	181	iP	29	09.78	-0.7
			iS	29	18.61	

11d 05h

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PMS      0.58 354 iP     29 10.02   -0.8
KNK      0.85  32 iP     29 14.66   -0.4
                 iS     29 26.71
NKA      0.89 276 iP     29 15.44    0.4
PLRM     0.94   9 iP     29 15.13   -0.6
PME      0.98  11 eP     29 15.84   -0.6
PWA      1.01 348 iP     29 16.35   -0.4
NNL      1.12 237 eP     29 18.46    0.1
GHO      1.14  12 iP     29 18.26   -0.4
                 eS     29 33.89
BRLK     1.16 219 iP     29 18.47   -0.5
                 iS     29 33.37
GLI      1.17  79 iP     29 18.61   -0.4
MSE      1.20  11 iP     29 18.94   -0.6
                 eS     29 34.25
TTV      1.20  70 eP     29 19.50    0.0
                 iS     29 35.89
SML      1.26  25 iP     29 20.22   -0.2
SPU      1.38 293 iP     29 21.27   -0.8
                 iS     29 38.86
CGLM     1.41 298 iP     29 21.68   -0.9
CRP      1.46 296 iP     29 22.55   -0.7
                 iS     29 41.43
FID      1.46  85 iP     29 22.07   -1.1
VZW      1.46  73 iP     29 22.87   -0.4
RDT      1.47 268 iP     29 22.45   -0.9
HIN      1.48  99 iP     29 22.77   -0.7
SCM      1.55  40 eP     29 24.72    0.2
VLZ      1.59  72 eP     29 24.60   -0.3
ILM      1.75 255 eP     29 26.06   -1.2
KLU      1.90  63 iP     29 29.53    0.0
SGAM     2.09  93 eP     29 31.08   -1.2
TOA      2.13  46 eP     29 33.39    0.5
AUL      2.39 239 iP     29 36.61    0.2
PDB      2.53 252 eP     29 37.15   -1.4
SVW      3.06 281 eP     29 43.82   -2.1
KDC      3.32 210 eP     29 47.51   -2.2
BALM     3.49  81 eP     29 50.84   -1.4
COL      4.31   9 eP     30 04.00    0.2
        36 obs. associated

?  APR  11, 1985  06h 16m 53.94± 4.11s
   23.956 N ± 8.7km   122.454 E ±34.4km
   DEPTH =  10.0km  (geophysicist)
 TAIWAN REGION                      (243)

TWD      0.79 279 iPc    17 09.20   -0.2
TWC      0.85 320 iPd    17 09.90   -0.5
                 eS     17 22.10
TWF1     1.22 241 iPd    17 16.70    0.1
TATO     1.34 319 eP     17 19.00    0.3
TWG      1.70 229 eP     17 23.50   -0.3
      S.D. =  0.4  on   5 of   5 obs.

*  APR  11, 1985  06h 33m 23.66± 0.55s
    2.848 S ± 9.6km   119.893 E ±12.1km
   DEPTH =  33.0km  (normal)
   4.7mb (  2 obs.)
 SULAWESI                           (268)

MKS      2.39 190 iPd    34 01.00   -0.4
                 eS     34 39.50
BKB      3.43 297 ePc    34 17.50    1.4
KKM      9.57 337 ePc    35 41.00   -1.3
PLP     14.81  20 eP     37 02.20    9.6X
KGM     17.26 286 ePc    37 27.30    3.4X
IPM     20.24 291 ePd    37 59.00   -0.1
WRA     22.08 141 Pd     38 17.40   -0.4
        0.7s      8.20nm          4.3mb
WB2     22.09 141 eP     38 16.30   -1.5
YCU     41.01 143 eP     41 06.60    1.1
CAN     42.10 144 eP     41 15.80    1.4
BJI     42.81 356 eP     41 21.00    0.9
PK:     44 92 315 eP     41 37.60   -0.2
KKN     45 14 315 eP     41 39.60    0.2
        1.3s    101.00nm          5.6mb X
DMN     45.16 314 eP     41 39.80    0.2
        1.2s     89.00nm          5.5mb X
GBA     45.17 292 Pd     41 38.10   -1.4
        1.2s     31.90nm          5.1mb
HYB     45.47 298 eP     41 42.00    0.1
      S.D. =  1.1  on  14 of  16 obs.

?  APR  11, 1985  07h 33m 57.64± 0.91s
   38.233 N ± 9.0km   20.586 E ±12.0km
   DEPTH =  16.0km  (geophysicist)
 GREECE                             (364)

      ML 3.4 (ATH).

VLS      0.06 177 iPgd   33 59.90    0.0
                 eSg    34 05.00
KZN      2.27  24 ePg    34 43.40    7.6X
ATH      2.48  95 ePg    34 38.70    0.0
                 eSn    35 07.60
                 eSb    35 12.20
OHR      2.88   3 ePn    34 44.50    0.1
LCI      2.93 317 ePn    34 45.00    0.0
                 e(Sn)  35 30.50
VAY      3.44  26 eP     35 04.30   12.0X
BRT      3.72 316 ePn    35 01.00    4.7X
                 eSn    35 57.00
VOY      9.24 330 eP     36 03.00  -10.9X
                 e(Sn)  37 48.00
      S.D. =  0.1  on   4 of   8 obs.

?  APR  11, 1985  07h 34m 08.82± 5.75s
   33.509 S ±16.8km   71.206 W ±52.8km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE        (135)

RFA      2.60 120 ePc    34 49.60    0.1
RTCB     2.86  46 eP     34 54.00    0.7
                 S      35 45.70
ZON      2.90  48 eP     35 00.00    6.3X
RTLL     3.17  48 e(P)   34 57.70    0.1
                 (S)    35 48.00
VCA      5.41  29 ePd    35 29.00   -0.4
TCA      6.00  71 ePc    35 37.20   -0.5
                 S      36 56.00
      S.D. =  0.7  on   5 of   6 obs.

&  APR  11, 1985  08h 33m 34.36s
   59.961 N          152.098 W
   DEPTH =  60.3km
 SOUTHERN ALASKA                    (  2)
      <AGS-P>.

NNL      0.41  78 iP     33 45.89    0.3
ILM      0.42 302 iP     33 45.22   -0.5
                 iS     33 54.89
RDT      0.63 346 iP     33 47.44   -0.6
BRLK     0.64 107 iP     33 47.22   -0.9
                 iS     33 57.82
AUL      0.89 230 eP     33 50.64   -0.5
NKA      0.89  28 iP     33 52.28    1.2
PDB      1.07 262 iP     33 52.45   -1.0
                 iS     34 07.09
SLKM     1.09  59 iP     33 52.65   -1.1
SPU      1.23   1 eP     33 55.21   -0.4
CRP      1.31 359 eP     33 56.76   -0.2
SEW      1.34  83 eP     33 56.69   -0.4
                 iS     34 15.57
CGLM     1.35   2 iP     33 57.42    0.0
MPA      1.47  68 eP     33 58.52   -0.4
PTE      1.77  58 eP     34 02.25   -0.9
PMS      1.80  43 eP     34 03.26   -0.3
PWA      2.01  32 eP     34 06.86    0.4
SVW      2.09 305 eP     34 05.90   -1.7
PLRM     2.19  40 eP     34 08.02   -0.9
KDC      2.23 185 eP     34 07.15   -2.4
PME      2.25  41 eP     34 09.63   -0.2
KNK      2.31  49 eP     34 09.34   -1.4
GHO      2.39  39 eP     34 10.76   -1.1
MSE      2.43  38 eP     34 11.11   -1.3
SML      2.61  43 eP     34 13.86   -1.1
GLI      2.65  67 eP     34 13.40   -2.0
FID      2.90  72 eP     34 15.23   -3.9
VZW      2.95  66 eP     34 17.21   -2.7
SCM      2.99  49 eP     34 19.01   -1.5
VLZ      3.08  65 eP     34 19.00   -2.6
KLU      3.40  60 eP     34 23.56   -2.6
TOA      3.60  51 eP     34 27.21   -1.7
      31 obs. associated

?  APR  11, 1985  09h 08m 48.59± 5.54s
   32.573 S ±28.9km   71.884 W ±41.5km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE        (135)

JACH     1.10  96 iPc    09 07.90    0.1
                 iS     09 21.20
PEL      1.16 120 iP     09 08.40   -0.2
                 iS     09 15.40
LNV      1.43 164 eP     09 12.50    0.0
                 iS     09 27.50
FCH      1.54 120 eP     09 14.40    0.1
                 i(S)   09 31.60
TCA      6.32  81 ePd    10 21.90   -0.1
                 S      11 32.80
      S.D. =  0.2  on   5 of   5 obs.

*  APR  11, 1985  11h 06m 00.41± 1.37s
   28.614 S ± 8.3km   68.439 W ±13.9km
   DEPTH =  13.6 ±  7.8 km
 LA RIOJA PROVINCE, ARGENTINA       (138)

VCA      0.24 121 iPd    06 05.80   -0.2
RTLL     2.71 181 ePc    06 46.00    1.6
                 S      07 25.00
RTCB     2.88 186 eP     06 50.00    3.2X
                 S      07 30.30
ZON      2.93 184 eP     06 51.00    3.5X
CFA      2.99 177 ePd    06 49.20    0.9
                 S      07 32.70
FSA      3.32  41 e(P)   06 53.90    1.0
                 (S)    07 38.50
TCA      4.30 130 iPc    07 07.10    0.1
                 S      08 16.00
JACH     4.46 204 eP     07 10.00    0.8
SLA      4.68  35 ePc    07 12.40   -0.1
                 (S)    08 24.00
PEL      4.91 203 eP     07 16.00    0.4
                 iS     08 30.50
RFA      6.14 180 ePc    07 30.80   -2.1
YJA      6.94  23 e(P)   07 43.80   -0.9
      S.D. =  1.3  on  10 of  12 obs.

?  APR  11, 1985  11h 14m 40.42± 2.23s
   33.456 S ±11.4km   71.624 W ±24.5km
   DEPTH =  33.0km  (normal)
   3.0mb (  1 obs.)
 NEAR COAST OF CENTRAL CHILE        (135)

LNV      0.53 160 iPc    14 51.70    0.3
PEL      0.85  69 iP     14 55.90   -0.1
FCH      1.12  84 iPc    14 51.70   -0.5X
JACH     1.16  49 iPd    14 59.60   -0.9
RFA      2.93 117 e(P)   15 28.70    2.9X
RTCB     3.09  51 eP     15 30.00    1.9
                 S      16 14.00
RTLL     3.41  52 ePc    15 34.00    1.4
                 S      16 20.50
TCA      6.31  72 ePc    16 11.80   -1.9
                 S      17 29.00
ZOBO    17.40  11 eP     18 42.30   -0.6
        0.5s      0.65nm          3.0mb
      S.D. =  1.6  on   7 of   9 obs.

?  APR  11, 1985  11h 43m 28.31± 5.06s
   22.761 S ±86.5km   114.506 W ±71.0km
   DEPTH =  10.0km  (geophysicist)
   4.8mb (  4 obs.)
 EASTER ISLAND REGION               (685)

ZOBD    44.05  90 e(P)   51 39.00    0.0
        1.3s      7.49nm          4.4mb
JCT     54.79  16 eP     53 01.50    0.8
        0.9s     12.60nm          4.9mb
ALQ     57.89   8 eP     53 08.50  -14.5X
EUR     61.93 359 iP     53 51.00    0.2
        1.0s      6.15nm          4.7mb
BMN     62.92 358 eP     53 58.00    0.9
BDW     65.37   4 eP     54 11.00   -2.2
        1.5s     11.43nm          4.8mb
EDM     75.67   1 eP     55 14.50   -0.7
YKA     84.96 360 eP     56 05.40    1.0
      S.D. =  1.4  on   7 of   8 obs.

   APR  11, 1985  11h 55m 15.15± 0.34s
   35.598 S ± 4.9km   179.001 E ± 3.6km
   DEPTH = 107.7 ±  2.9 km
   5.7mb ( 43 obs.)
 OFF E. COAST OF N. ISLAND, N.Z. (160)
      Felt (IV) at Wellington.
      FAULT PLANE SOLUTION: P-Waves
       NP1:Strike=140 Dip=60 Slip=  90
       NP2:      320     30        90
       Principal Axes:
        T              Plg=75  Azm= 50
        P                  15      230
      Comment: The focal mechanism is
```

poorly controlled ond corresponds to reverse foulting. The preferred fault plane is NP2.

MOMENT TENSOR SOLUTION
Dep 77 No. of sto: 6
Moment Tensor; Scole 10**24 d-cm
Mrr= 4.70 Mtt=-3.46
Mff=-1.24 Mrt=-0.18
Mrf= 0.55 Mtf= 2.21
Principol oxes:
T Vol= 4.75 Plg=85 Azm=272
N 0.10 5 122
P -4.84 3 32
Best Double Couple:Mo=4.8*10**24
NP1:Strike=117 Dip=43 Slip= 83
NP2: 306 48 96
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 15S, 28C
Centroid Locotion:
Origin Time 11:55:18.9 0.3
Lot 35.48S 0.05 Lon 179.12E 0.04
Dep 97.3 1.4 Holf-durotion 3.0
Moment Tensor; Scole 10**24 D-CM
Mrr= 4.43 0.17 Mtt=-7.12 0.33
Mff= 2.69 0.25 Mrt=-0.50 0.13
Mrf= 1.16 0.13 Mtf= 4.66 0.21
Principol Axes:
T Vol= 5.41 Plg=44 Azm=288
N 3.63 46 116
P -9.04 4 22
Best Double Couple:Mo=7.2*10**24
NP1:Strike= 75 Dip=57 Slip= 32
NP2: 327 64 143

WIZ	2.42	217	P	55 54.00	0.0
GBZ	2.92	257	P	56 02.20	1.4
GNZ	3.14	194	iPd	56 02.00	-1.7
TUA	3.53	204	P	56 07.60	-1.4
			S	56 49.00	
TRZ	4.31	203	P	56 17.00	-2.6
			S	57 02.00	
CRZ	5.32	281	P	56 36.00	2.5
			S	57 38.00	
WEL	6.58	209	P	56 45.00	-5.8X
			S	57 58.00	
SNZO	6.62	209	eP	56 44.90	-6.5X
TCW	6.72	212	P	56 46.80	-6.0X
COB	7.37	220	P	56 57.20	-4.4X
			S	58 18.00	
CIZ	9.02	159	P	57 19.70	-4.3X
			S	58 52.00	
MSZ	12.40	220	P	58 03.00	-5.9X
			S	00 12.00	
NOU	17.18	317	iPc	59 11.00	1.2
SVA	17.42	358	eP	59 14.20	1.4
VUN	17.53	358	eP	59 14.00	-0.1
AFI	23.14	23	P	00 16.00	3.3X
			(S)	04 20.00	
COO	23.22	275	iPc	00 17.60	4.2X
	1.0s	190.00nm		5.4mb	
			ePcP	03 58.00	
			eScP	07 26.00	
RAR	23.47	58	P	00 15.00	-0.7
			S	04 23.00	
WAM	24.36	260	eP	00 27.00	2.7
			i	00 29.70	
			ePcP	04 01.10	
			iScP	07 28.60	
CAN	24.40	262	eP	00 27.60	2.9
			i	00 29.20	
			iPcP	04 00.80	
			iScP	07 28.50	
YOU	25.09	264	eP	00 33.30	2.1
			iPcP	04 02.40	
			eScP	07 31.40	
TOO	26.90	256	eP	00 51.00	3.2X
	0.9s	78.00nm		5.3mb	
RMO	27.37	281	iPc	00 53.90	1.8
	1.1s	743.00nm		6.2mb	
			ePcP	04 08.00	
			eScP	07 37.00	
CMS	27.88	269	eP	00 58.00	1.4
	1 0s	180.00nm		5.7mb	
BFD	29.28	256	eP	01 12.00	2.8
	0.8s	144.00nm		5.7mb	

STK	31.21	266	iPd	01 28.30	2.1
	0.9s	166.00nm		5.8mb	
			e	04 18.00	
HNR	31.31	322	eP	01 27.00	-0.1
VSG	31.58	321	eP	01 30.00	0.4
SVO	31.62	322	eP	01 31.00	1.2
CTA	32.64	289	iPc	01 40.00	1.3
	0.8s	141.79nm		5.8mb	
			IS	06 11.00	
ADE	32.74	259	iPd	01 42.80	3.2X
	0.8s	119.40nm		5.7mb	
AFR	33.02	65	iP	01 40.90	-1.1
	1.2s	100.00nm		5.5mb	
PAE	33.09	66	iP	01 41.80	-0.8
	1.2s	125.00nm		5.6mb	
PPT	33.15	65	iP	01 42.60	-0.6
	1.2s	125.00nm		5.6mb	
TVO	33.25	66	iP	01 43.80	-0.4
	1.2s	170.00nm		5.7mb	
PPN	33.28	66	iP	01 43.50	-0.8
	1.2s	130.00nm		5.6mb	
PMO	36.02	64	iP	02 07.20	-0.5
	1.2s	135.00nm		5.7mb	
			ipP	02 29.70	95kmX
VAH	36.06	64	iP	02 07.20	-0.8
	1.2s	115.00nm		5.7mb	
			ipP	02 29.80	96kmX
TPT	36.24	64	iP	02 08.80	-0.7
	1.2s	165.00nm		5.8mb	
			ipP	02 31.50	96kmX
RUV	36.28	65	iP	02 09.00	-0.8
	1.2s	100.00nm		5.6mb	
			ipP	02 31.70	96kmX
PAA	36.29	318	eP	02 10.00	0.0
BGA	36.58	318	eP	02 12.00	-0.5
LMG	38.70	306	eP	02 31.50	1.2
RAB	39.88	315	eP	02 40.00	0.1
ASPA	40.64	274	iPc	02 46.00	-0.2
			ePcS	08 33.00	
			eS	08 53.00	
RKT	41.65	85	iP	02 55.30	0.9
	1.2s	90.00nm		5.4mb	
WB2	42.10	280	iPc	02 57.70	-0.5
			eS	09 12.50	
WRA	42.11	280	Pc	02 57.70	-0.5
	0.7s	132.10nm		5.8mb	
SBA	42.69	184	iPc	03 06.10	3.9X
MDG	42.98	307	eP	03 07.50	2.3
MOM	44.42	312	eP	03 16.50	-0.4
WBN	45.52	267	eP	03 25.00	-0.6
KLG	47.82	259	iPd	03 45.00	1.4
	0.5s	71.00nm		5.7mb	
JAY	48.37	304	ePd	03 47.80	-0.3
KNA	48.83	280	eP	03 51.00	-0.5
	0.4s	72.00nm		5.9mb	
RKG	50.15	253	eP	04 01.00	-0.4
NWAO	50.38	254	iPc	04 03.40	0.2
			eS	11 25.00	
KLB	50.45	256	iPd	04 04.50	0.7
	0.9s	450.00nm		6.5mb	
MUN	51.53	255	eP	04 12.00	0.0
	1.0s	400.00nm		6.4mb	
MEK	51.83	262	eP	04 14.00	-0.3
	0.5s	78.00nm		5.9mb	
MRWA	52.79	258	eP	04 21.30	0.0
MBL	53.29	269	eP	04 23.00	-2.1
SPA	54.58	180	iPc	04 36.20	1.9
	1.5s	355.68nm		6.1mb	
Z	20s	1.89um		5.2Msz	
			e	04 57.00	
KUPT	56.14	283	eP	04 49.00	3.1X
NAU	56.15	265	eP	04 47.00	1.1
	0.7s	320.00nm		6.4mb	
AAI	56.57	292	ePd	04 49.70	0.8
	1.2s	279.30nm		6.2mb	
GUA	58.56	320	eP	05 01.20	-1.6
GUMO	58.62	320	eP	05 01.80	-1.4
PJG	58.62	320	eP	05 01.80	-1.4
DAV	65.74	299	eP+	05 48.00	-2.6
TRT	66.36	278	iPc	05 55.70	1.1
	1.2s	287.70nm		6.1mb	
MAW	66.56	202	iPc	05 55.70	0.5
BKB	66.84	286	iPd	06 04.00	6.3X
CGP	67.31	299	iPd	06 01 70	1.1
AIA	68.20	156	eP	06 06.90	1.4
PLP	69.00	302	iPc	06 10.00	-1.0
LEM	70.93	275	ePc	06 23 00	-0.1

11d 11h

	0.8s	44.78nm		5.3mb	
KKM	71.94	292	ePd	06 29.00	0.0
	1.0s	301.90nm		6.1mb	
KYS	79.21	328	eP	07 07.40	-2.1
KGM	79.56	280	ePc	07 12.30	0.4
	0.9s	571.20nm		6.4mb	
OYM	79.78	328	eP	07 10.60	-2.0
SRY	79.93	328	eP	07 11.30	-2.1
TSK	80.09	329	eP	07 11.30	-2.9X
DDR	80.29	328	eP	07 12.90	-2.5
MAT	81.18	328	iPc	07 18.50	-1 4
	1.2s	203.13nm		5.8mt	
Z	20s	0.35um		4.7Msz	
		eS	17	20.00	
KLM	81.55	280	eP	07 22.00	-0.3
SHK	82.09	323	ePc	07 24.30	-0.4
IPM	82.92	281	iPd	07 29.90	0.4
		e	07	44.90	
QZH	82.98	307	iPd	07 30.50	1.1
PSI	83.50	278	ePc	07 31.20	-1.2
	1.1s	386.10nm		6.2mb	
HKC	84.13	303	eP	07 36.50	1.2
LNV	84.54	128	iPc	07 38.90	1.5
SNG	84.78	283	eP	07 38.50	-0.3
QIZ	85.04	297	Pc	07 41.00	1.0
GZH	85.22	303	iPd	07 42.20	1.5
PEL	85.53	128	iPc	07 43.50	1.1
SSE	85.72	313	PKP	07 42.80	-1.1
	1.0s	101.00nm		5.8mb	
JACH	85.88	128	iPc	07 45.70	1.4
NJ2	87.80	313	iPd	07 54.00	0.9
VCA	90.01	126	ePd	08 06.50	2.4
LOE	90.05	291	eP	08 04.00	-0.1
SYP	90.05	46	eP	08 05.00	1.1
NST	90.23	289	iPc	08 05.40	0.5
PRS	90.52	44	eP	08 06.90	1 0
TCA	90.59	130	ePd	08 08.00	1.4
SLBC	90.63	49	eP	08 08.90	2.5
GCC	90.66	43	eP	08 06.60	0 1
BAR	90.78	49	eP	08 09.00	1 8
SAO	90.79	44	eP	08 09.00	1.9
PCC	90.79	43	eP	08 07.90	0 9
PRI	90.79	45	eP	08 08.70	1.4
PAS	90.87	48	eP	08 08.00	0 5
MWC	90.99	48	eP	08 09.00	0.7
MHC	91.09	43	eP	08 09.50	0.9
PLM	91.12	49	eP	08 10.00	1.1
BRK	91.12	43	eP	08 10.20	1.6
DL2	91.12	319	Pc	08 08.90	0.4
BKS	91.14	43	e(P)	08 06.50	-2.2
	0.9s	105.00nm		6.1mb	
		e	19	08.00	
		e	32	50.00	
		e	35	52.00	
RVR	91.24	48	eP	08 10.00	0.8
SBB	91.44	47	eP	08 12.00	1.7
MDJ	91.54	327	Pc	08 10.20	-0.1
TIA	91.73	314	Pc	08 11.80	0.4
ANT	91.77	121	ePKP	08 13.50	1 4
FRI	91.93	45	eP	08 13.00	0.7
GYA	92.01	301	Pd	08 13.60	0.5
TPC	92.13	49	eP	08 14.00	0 6
GLA	92.18	50	eP	08 16.00	2 4
JAS1	92.18	44	eP	08 14.10	0 6
		pP	08	36.00	80kmX
SNY	92.25	322	eP	08 12.50	-1 2
CLC	92.35	47	eP	08 15 00	0.6
GSC	92.47	47	eP	08 17.00	2 0
CWC	92.49	46	eP	08 16.00	0.8
ORV	92.74	42	eP	08 16.30	0.3
CN2	92.82	324	Pc	08 15.50	-0.7
WDC	92.91	41	eP	08 17.20	0.4
CHTO	93.01	291	eP	68 18.00	0.3
	1.0s	35.00nm		5.6mb	
MIN	93.24	41	eP	08 17.90	-0.6
MNA	93.82	44	eP	08 21.50	0 3
KMI	93.97	298	PKPc+	08 22.50	0 2
KMI	93.97	298	PKP	08 40.00	17 7X
	4.0s	0.50nm			
		PP	12	11.00	
SLA	94.48	125	ePd	08 26.60	0 8
BJI	94.91	317	eP	08 27.00	1 1
XAN	95.30	308	Pc	08 28.20	0.2
TIY	95.51	313	Pc	08 29.00	0 1
BMN	95.71	43	eP	08 30.50	0 7
	1.0s	25.00nm		5.7mt	
		pP	08	55.60	93kmX

11d 12h

EUR	95.78	45	iP	08	31.50	1.2
	0.8s		4.13nm		5.0mb	
YJA	96.19	123	eP	08	33.60	0.6
RMU	97 19	49	P	08	38.00	1.4
LTX	97.26	59	eP	08	39.00	2.0
	1.0s		6.00nm		5.1mb	
			pP	09	02.90	88kmX
LPB	98.07	117	P	08	43.00	1.6
HHC	98 07	315	P	08	41.00	0.6
ZOBO	98.22	117	eP	08	43.40	1.1
	1 5s		52.15nm		5.9mb	
			pP	09	10.00	99kmX
ALO	98.74	53	eP	08	44.00	0.3
	1.1s		8.86nm		5.3mb	
	Z 20s		0.66um		5.1Msz	
BTO	98.81	314	eP	08	43.70	0.0
CCH	98.92	119	P	08	48.00	2.8
PNT	100.53	36	ePdiff	08	53.00	1.6
	0.7s		8.00nm		5.5mb	
NEW	101.03	38	Pdiff	08	57.00	3.3X
BDW	101.60	45	Pdiff	08	59.00	2.4X
	0.9s		4.27nm		5.1mb	
GOL	102.28	50	Pdiff	09	08.00	8.3X
	Z 22s		0.47um		5.0Msz	
COL	103.49	14	ePdiff	09	05.00	0.9
SES	105 46	39	ePdiff	09	18.00	4.7X
RSSD	105.64	47	PKP	13	29.30	2.1
EDM	106 06	35	ePdiff	09	20.00	4.1X
EDM	106.06	35	ePKP	13	27.50	0.1
BHO	106.28	59	e(PKP)	13	35.00	6.7X
GBA	107.12	275	PKPc	13	28.30	-2.1
	0.7s		9.70nm			
HYB	108.27	279	ePKP	13	33.00	0.4
INK	109.45	17	ePdiff	09	40.00	9.5X
INK	109.45	17	ePKPc	13	32.10	-1.2
YKA	111.21	27	ePdiff	09	53.80	15.3X
YKA	111.21	27	ePKP	13	36.40	-0.4
YKC	111.25	27	ePKP	13	36.00	-0.8
	0.6s		7.00nm			
EVA	112.01	209	ePKP	13	40.00	0.3
FFC	112.46	38	ePKP	13	38.50	-0.9
BPI	112.71	208	ePKP	13	39.00	-2.0
SLR	113.01	209	iPKPc	13	41.10	-0.5
	1.4s		58.14nm			
NDI	115.02	288	ePKP	13	43.00	-2.2
LHC	116.65	48	ePKP	13	47.00	-0.7
BUL	117.86	212	iPKPc	13	50.00	-1.0
			i	14	17.00	
MBC	118 03	14	iPKPc	13	48.40	-1.1
	0 5s		20.00nm			
			pP	14	15.00	
TET	119.00	219	iPKP	13	55.00	2.0
MTD	119.44	216	iPKPc	13	53.00	-1.0
			e	14	20.00	
SQB1	121.68	132	e(PKP)	13	59.00	0.7
ITR	123.51	134	ePKP	14	01.80	0.0
			e	14	28.10	
			e	14	54.90	
			e	15	41.50	
QUE	123.70	285	ePKP	14	01 80	-0.2
OTT	124.23	55	ePKP	14	04.00	1.8
	0.8s		89.00nm			
RSNY	124.77	57	PKP	14	02.20	-1.1
	Z 20s		0.56um		5.2Msz	
MNT	125.67	56	iPKP	14	04.00	-1.1
			pP	14	29.50	
MIM	128.71	57	PKP	14	11.00	0.1
ALE	128.74	9	ePKPc	14	08.40	-1.6
	0.7s		18.00nm			
NAI	129.12	232	ePKP	14	13.00	0.1
	1.0s		80.00nm			
FRB	131.11	33	ePKP	13	57.00	-17.8X
	1.1s		120.00nm			
			pP	17	29.00	
MHI	131.75	290	ePKP	14	16.00	-1.1
DAG	137.96	6	iPKPc	14	14.30	-13 2X
	0.5s		3.52nm			
TAB	142 36	288	ePKP	14	30.00	-6.8X
			e	17	43.00	
KEV	142.53	344	iPKP	14	32.00	-3.8X
	0 7s		46.70nm			
			i	14	37.80	
BHD	142 75	280	ePKP	14	33.00	-4.3X
BNG	144 12	215	iPKPc	14	37 70	-2 6X
	1.2s		822 90nm			
			i	14	51.70	
			i	15	01.70	
			i	17	40.20	
			i	17	59.20	
			i	18	19.70	
			i	18	38.70	
SOD	144.47	342	iPKP	14	36.70	-2.5
MSL	144.50	285	iPKPd	14	38.00	-2.3
			e	18	23.60	
RTB	145.99	278	ePKPd	14	44.00	1.2
KJF	146.50	338	iPKP	14	41.80	-0.9
	0.9s		414.00nm			
SUF	148.05	337	iPKP	14	43.00	-2.2
AKU	148.21	13	iPKP	14	49.70	4.3X
	0.9s		151.26nm			
REY	148.72	18	iPKP	14	50.10	3.9X
PRNI	149.46	270	PKP	14	53.50	5.0X
JER	149.75	273	ePKP	14	47.00	-1.9
ADI	150.09	276	ePKP	14	49.50	0.2
NUR	150.12	335	iPKP	14	47.20	-1.2
	0.5s		617.50nm			
	Z 22s		0.50um		5.3Msz	
			i	14	52.80	
			LR	21	10.00	
KIC	150.70	172	iPKP	14	51.80	1.0
			i	14	56.70	
CSS	152.05	279	ePKP	14	58.30	6.1X
			e	15	04.50	
UPP	152.88	339	iPKP	14	57.50	5.0X
			i	14	58.60	
			i	15	10.00	
NB2	153.37	347	PKP	14	52.00	-1.3
HFS	153.67	343	ePKP	14	52.10	-1.5
	0.9s		6.90nm			
	Z 23s		0.59um		5.3MszX	
			LR	09	41.00	
BER	154.86	353	ePKP	15	05 20	10.0X
KONO	154.96	347	iPKP	15	03.70	8.4X
ELL	155.07	282	ePKP	14	54.00	-2.4
YER	156.41	282	ePKP	14	57.00	-1.2
VRI	156.73	305	ePKP	15	05.00	6.8X
DMK	156.78	294	ePKP	14	58.00	-0.4
MLR	157.36	304	ePKP	15	00.00	0.8
KRA	159.01	320	iPKPd	15	00.40	-0.3
			e	15	10.80	
			i	15	38.30	
SPC	159.34	318	ePKP	15	00 50	-0.9
			i	15	40.40	
MMB	159.80	295	iPKPd	15	01.00	-0.9
EKA	160.21	4	PKP	15	02.00	0.2
	1.9s		94 30nm			
KSP	160.30	326	ePKPc	15	01.20	-0.9
	1.2s		171.00nm			
			iPPd	15	43.50	
VAY	160.70	294	ePKP	15	01.00	-1.8
			i	15	44.00	
BUD	160.94	315	ePKP	15	01.00	-1.8
	1.2s		106.00nm			
SRO	161.17	316	iPKP	15	02.50	-0.5
			i	15	48.00	
BRG	161.30	329	iPKPc	15	01.60	-1.5
	1.8s		105.00nm			
			i	15	47.40	
CLL	161.35	332	iPKP	15	02.80	-0.3
			i	15	46.80	
SKO	161.41	297	iPKP	15	02.00	-1.5
	Z 20s		2.36um			
	E 19s		1.30um			
			i	15	47.00	
ZST	161.62	319	iPKP	15	03.00	-0.5
			i	15	49.50	
SOP	162.22	318	iPKPc	15	03.00	-1.1
	1.8s		136.20nm			
MOX	162.40	333	iPKP	15	03.50	-0.7
	2.0s		147 00nm			
			i	15	51.50	
WTS	162.68	344	e(PKP)	15	03.00	-1.4
	1 1s		32 00nm			
KHC	162 75	326	PKP	15	02.70	-1.9
	Z 20s		0.60um			
			i	15	54.00	
WET	163.06	327	ePKP	15	03.90	-1.0
	2 0s		130.00nm			
GRF	163.32	331	ePKP	15	04.40	-0.8
	Z 22s		0.30um			
KBA	164.29	321	iPKP	15	04 10	-2.3
	1 5s		39 30nm			
			i	15	13.00	
			i	16	00.20	
			i	16	02.30	
			i	32	29.20	
LJU	164.31	316	ePKP	15	04.90	-1.3
			e	16	00.30	
VOY	164.67	317	ePKP	15	04.90	-1.8
			i	16	01.70	
			i	20	01.70	
OGA	165.58	325	iPKPc	15	06.40	-1.1
CDF	165.81	337	ePKP	15	06.40	-1.1
CTI	165.85	321	iPKPc	15	06.00	-1.7
SGO	166.24	296	e(PKP)	15	19.50	11.6X
HAU	166.45	338	ePKP	15	07.20	-0.8
BSF	166.47	337	ePKP	15	07.20	-0.9
	1.0s		24.00nm			
FLN	166.84	358	ePKP	15	07.60	-0.6
	1.5s		114.90nm			
LDF	167.00	357	ePKP	15	07.90	-0.4
GRR	167.22	360	ePKP	15	08.20	-0.3
LPF	167.58	0	ePKP	15	08.60	-0.1
LOR	167.79	344	ePKP	15	08.60	-0.4
	1.4s		47.90nm			
ORO	167.89	329	ePKP	15	08.00	-1.2
LBF	168.03	343	ePKP	15	08.90	-0.3
SSF	168.06	345	ePKP	15	08.90	-0.2
AVF	168.35	345	ePKP	15	08.80	-0.5
SMF	168.38	343	iPKPc	15	08.90	-0.4
BGF	168.67	346	ePKP	15	09.40	-0.1
MFF	168.99	357	ePKP	15	09.90	0.2
CVF	169.65	315	ePKP	15	09.70	-0.6
FRF	170.10	326	ePKP	15	10.10	-0.3
	1.1s		66.30nm			
LRG	170.32	326	iPKPc	15	10.30	-0.2
	1.4s		127.00nm			
LMR	170.34	325	ePKP	15	10.30	-0.3
	1.2s		50.60nm			
EPF	172.50	352	iPKPc	15	12.30	0.7
	1.5s		96.60nm			
LGR	173.05	9	ePKP	15	13.50	1.7
			ePKKP	16	40.00	
			ePP	20	39.00	
AVE	174.23	112	ePKP	15	13.00	0.5
MAL	177.02	67	iPKP	15	13.80	0.8
			iPKKP	16	58.00	
			iPP	20	50.00	
CRT	177.37	52	iPKP	15	14.00	0.9
TAF	178.60	124	iPKPd	15	18.00	4.7X
			i	15	48.00	
			i	17	08.00	

S.D. = 1.2 on 231 of 270 obs.

? APR 11, 1985 12h 03m 40.57± 3.11s
16.077 N ±11.5km 119.718 E ±32.9km
DEPTH = 33.0km (normal)
LUZON, PHILIPPINE ISLANDS (249)

BAG	0.89	68	eP	03	56.00	-0.9
SZP	1.63	26	iPc	04	07.00	-0.3
			iS	04	41.00	
MAN	1.93	137	eP	04	11.50	-0.1
			eS	04	39.00	
OCP	1.94	137	eP	04	19.40	7.5X
PIP	2.40	21	ePd	04	18.00	-0.3
CVP	2.58	51	ePd	04	22.00	1.0
			eS	05	08.00	

S.D. = 1.0 on 5 of 6 obs.

• APR 11, 1985 12h 29m 54.84± 0.96s
38.914 N ± 8.3km 20.469 E ± 9.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 4.0 (ATH).

VLS	0.74	173	ePb	30	10.00	0.6
			eSg	30	24.70	
KZN	1.72	35	ePn	30	26.00	1.0
			eSn	30	53.80	
OHR	2.21	6	ePn	30	42.30	10.2X
LCI	2.40	307	ePn	30	40.00	5.2X
			eSn	31	16.50	
ATH	2.72	109	ePb	30	47.60	8.3X
			ePg	30	55.00	
			eSn	31	23.00	
			eSb	31	30.90	
SKO	3.14	13	iPn	30	46.40	1.1
			iSn	31	24.80	
BRT	3.19	309	ePn	30	48.50	2.6X
			eSn	31	43.50	

TTG	3.63	346	ePn	30	53.00	0.8
			e(Sn)	31	35.00	
MMB	3.65	42	iPd	30	53.00	0.3
			iS	31	36.00	
HCY	3.83	338	ePn	30	55.00	-0.2
VTS	4.23	29	eP	31	01.00	0.4
			iS	31	57.00	
BRY	4.24	341	ePn	31	02.50	1.5
PLD	4.54	44	eP	31	10.00	4.9X
KDZ	4.62	52	iP	31	04.00	-2.3
DIM	5.00	50	eP	31	14.00	2.4X
GIB	5.15	262	e(Pn)	31	21.50	7.6X
			eSn	32	21.00	
PVL	5.52	39	eP	31	20.00	0.9
DMK	6.28	60	ePn	31	28.60	-1.2
MLR	7.73	30	eP	31	56.00	5.9X
CEY	8.16	329	eP	31	54.90	-1.1
			eS	33	26.80	
LJU	8.36	330	e(Pn)	32	03.40	4.5X
			eSn	33	30.00	
VOY	8.61	328	ePn	32	00.60	-1.9
			eSn	33	37.00	
CTI	9.65	320	e(Pn)	32	12.50	-4.3X
KHC	11.35	336	eP	32	30.00	-10.0X

S.D. = 1.3 on 13 of 24 obs.

% APR 11, 1985 12h 32m 31.90± 0.81s
60.336 N ± 5.8km 5.374 E ± 8.9km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.6 (BER). Explosion.

ASK	0.17	329	iPg	32	35.60	0.3
			iSg	32	38.80	
ODD	0.75	120	iPnc	32	47.00	0.1
			ePg	32	49.00	
			iSn	32	57.50	
SUE	0.78	338	iPn	32	47.30	-0.2
			iPg	32	48.70	
			iSn	32	58.50	
			iSg	33	01.10	
HYA	0.92	25	iPn	32	50.30	0.0
			iPg	32	51.90	
			iSn	33	04.70	
KMY	1.13	183	iPnc	32	53.90	-0.1
			iSn	33	06.90	

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

? APR 11, 1985 12h 44m 45.35± 5.12s
33.948 S ±26.5km 72.193 W ±39.7km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.65	91	iP	44	57.40	-0.6
PEL	1.49	58	iP	45	11.00	0.8
RFA	3.19	106	ePd	45	35.50	1.1
			S	46	23.70	
RTCB	3.77	50	ePd	45	44.20	1.6
			(S)	46	39.00	
ZON	3.81	52	eP	45	51.00	7.8X
PTLL	4.08	51	ePd	45	48.20	1.1
			i	45	54.20	
			S	46	42.50	
VCA	6.21	34	e(P)	46	16.50	-0.8
TCA	6.92	70	ePd	46	24.30	-2.8
			S	47	53.00	
CCH	17.37	20	P	48	50.50	3.4X
ZOBO	17.98	13	eP	48	54.80	-0.2
	1.0s		12.50nm			4.0mb

S.D = 1.7 on 8 of 10 obs.

APR 11, 1985 13h 11m 46.49± 0.45s
40.688 N ± 3.5km 28.874 E ± 5.4km
DEPTH = 10.0km (geophysicist)
4.3mb (1 obs.) 4.1Msz (1 obs.)
TURKEY (366)
ML 4.5 (ATH). Felt at Istonbul.

EDC	0.84	246	iPg	12	03.10	0.3
			iSg	12	16.10	
DST	1.10	190	iPn	12	08.40	1.3
DMK	1.41	324	iPnd	12	11.60	-0.6
ALT	1.89	149	iPn	11	54.50	-24.7X
EZN	2.13	247	iPn	12	22.90	0.3
PRK	2.46	235	ePn	12	27.70	0.4
			ePg	12	36.50	
			eSg	13	09.40	
JMB	2.47	317	iPd	12	28.00	0.6
			S	13	01.00	
IZM	2.60	209	iPn	12	28.20	-1.2
DIM	2.82	300	iP	12	32.00	-0.5
			eSg	13	18.00	
KDZ	2.83	291	iP	12	32.00	-0.5
			iS	13	17.00	
PSN	3.04	350	eP	12	34.00	-1.4
PLD	3.44	296	eP	12	42.00	0.8
BCK	3.49	157	iPn	12	42.10	0.2
YER	3.58	188	iPn	12	42.50	-0.7
TLB	3.95	351	ePd	12	47.00	-1.3
MMB	3.99	285	iPc	12	48.00	-1.0
			iS	13	48.00	
ELL	4.02	168	iPn	12	49.50	0.0
CGN	4.08	329	ePc	13	05.00	14.9X
BUC	4.25	332	ePd	13	08.00	15.3X
VTS	4.66	296	iPc	12	58.00	-0.5
			iS	14	09.00	
ISR	4.76	340	ePc	13	01.00	0.9
VAY	4.81	280	iPn	13	01.50	0.8
ATH	4.83	238	ePg	13	27.50	26.5X
			eSb	14	22.00	
			eSg	14	33.50	
BRD	5.01	345	ePc	13	05.00	1.6
MLR	5.26	337	eP	13	08.50	1.4
CMP	5.37	330	ePc	13	42.00	33.4X
KZN	5.43	268	ePn	13	08.30	-1.2
COZ	5.70	326	ePd	13	10.00	-3.4X
SKO	5.74	285	iPn	13	16.60	2.7X
			i	13	43.80	
			eSn	14	31.50	
			i	14	45.50	
OHR	6.13	277	eP	13	33.60	14.2X
CLO	6.25	317	ePd	13	22.00	1.0
JOS	9.81	326	e(Pn)	14	12.00	1.5
NUR	20.02	354	eP	16	21.00	-1.0
	Z 20s		0.90um			4.1Msz
SUF	22.12	357	eP	16	42.00	-1.5
NB2	23.08	338	P	16	53.00	0.1
	1.1s		10.70nm			4.3mb
KJF	23.56	359	eP	16	57.00	-0.5
MHI	24.30	90	eP	17	06.00	0.9
SOD	26.77	358	eP	17	33.00	5.2X

S.D. = 1.0 on 29 of 38 obs.

* APR 11, 1985 13h 12m 31.14± 0.45s
53.237 S ± 8.8km 25.307 E ±14.9km
DEPTH = 10.0km (geophysicist)
5.1mb (10 obs.) 5.1Msz (1 obs.)
SOUTH OF AFRICA (430)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 26C
Centroid Location:
Origin Time 13:12:38.1 0.3
Lat 53.35S 0.05 Lon 26.10E 0.07
Dep 10.0 FIX Half-duration 2.5
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.06 0.13 Mtt= 2.50 0.19
Mff=-2.44 0.10 Mrt= 1.11 0.40
Mrf=-1.12 0.29 Mtf= 2.21 0.12
Principal Axes:

	Val=	Plg=	Azm=
T	3.47	11	342
N	0.37	66	98
P	-3.84	21	247

Best Double Couple:Mo=3.7*10**24
NP1:Strike= 26 Dip=67 Slip=-173
NP2: 293 83 -23

GRM	19.94	3	eP	17	04.50	-1.4
	0.7s		61.64nm			5.0mb
			i	17	21.00	
MAW	22.96	143	eP	17	36.00	-0.2
BLF	24.12	2	eP	17	50.50	2.6X
	0.5s		17.30nm			4.9mb
SEK	24.95	5	eP	17	59.00	3.0X
	0.9s		29.41nm			5.0mb
VIR	25.16	3	iPd	18	00.50	2.6X
	1.0s		50.00nm			5.2mb
BFS	26.33	3	eP	18	10.00	1.1
	1.0s		40.00nm			5.1mb
BPI	27.11	5	iPc	18	14.10	-2.0
BUL	33.13	6	iPc	19	09.00	-0.6
MTD	36.71	10	eP	19	43.00	2.8X
SPA	36.95	180	iPc	19	40.00	-1.9
	1.0s		65.50nm			5.4mb
	Z 20s		3.15um			5.1Msz
SBA	47.04	170	iPc	21	03.30	-0.5
			e	33	42.00	
			e	48	05.00	
BNG	57.74	352	iPd	22	24.20	-0.2
	1.3s		36.80nm			5.3mb
KIC	64.58	327	eP	23	09.80	-0.9
ITR	67.42	286	eP	23	29.10	0.1
			e	23	35.40	
BAO	67.64	274	P	23	33.30	2.9X
KOD	77.18	53	eP	24	28.00	1.0
MSZ	77.34	154	P	24	26.00	-1.1
LPB	78.94	257	eP	24	45.00	8.1X
ZOBO	79.17	257	eP	24	39.20	0.9
	1.0s		5.75nm			4.5mb
CAN	79.21	136	eP	24	40.10	2.4
YOU	79.84	135	eP	24	41.70	0.6
GBA	80.10	51	Pc	24	42.70	0.2
	0.3s		18.00nm			5.5mb
ASPA	81.76	119	eP	24	51.00	-0.4
			eS	35	09.00	
POO	82.81	46	iPc	25	06.00	9.3X
HYB	83.94	50	eP	25	03.50	1.0
WRA	85.03	117	Pd	25	08.10	0.0
	0.8s		4.80nm			4.8mb
WB2	85.04	117	eP	25	05.80	-2.3
QUE	90.62	35	eP	25	36.40	1.6
ALQ	141.68	261	ePKP	32	03.00	-1.3
GOL	144.17	268	PKP	32	13.00	4.6X
GLA	145.21	251	ePKP	32	11.00	0.9
RMU	145.81	260	PKP	32	13.00	1.8
RSSD	145.98	275	PKP	32	12.30	1.0
PLM	146.58	249	ePKP	32	28.00	15.4
TPC	146.68	251	ePKP	32	18.00	5.5X
RVR	147.34	249	ePKP	32	20.00	6.5X
MWC	147.90	248	ePKP	32	34.00	19.4X
PAS	147.90	248	ePKP	32	32.00	17.6X
GSC	147.97	251	ePKP	32	23.00	8.4X
SBB	148.11	249	ePKP	32	20.00	5.2X
BDW	148.54	269	PKP	32	21.00	5.5X
CLC	148.79	251	ePKP	32	22.00	6.1X
EUR	150.35	258	iPKP	32	30.60	12.2X
	0.5s		0.67nm			
BMN	151.69	258	PKP	32	26.50	6.3X
JAS1	151.88	251	PKP	32	28.00	7.6X
SES	153.18	282	ePKP	32	24.00	2.1X
MBC	153.29	342	ePKP	32	29.00	7.8X
EDM	155.49	287	ePKP	32	37.00	12.1X

S.D. = 1.3 on 25 of 48 obs

* APR 11, 1985 13h 47m 04.06± 0.66s
24.326 N ± 4.4km 121.520 E ±24.2km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD	0.25	164	iPc	47	09.40	0.0
			eS	47	13.50	
TATO	0.65	357	eP	47	16.40	-0.6
TWZ	0.77	4	ePc	47	19.20	0.1
ANP	0.85	360	eP	47	21.00	0.4
TWF1	0.99	192	iPc	47	22.50	-0.3
			eS	47	37.00	
TWG	1.55	195	ePd	47	32.20	0.4

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

APR 11, 1985 15h 20m 39.37± 0.81s
38.071 N ± 5.8km 74.027 E ± 7.0km
DEPTH = 151.6 ± 9.3 km
4.6mb (9 obs.)
TAJIK-XINJIANG BORDER REGION (719)

KSH	2.06	47	iPc	21	18.00	2.2
			iS	21	45.00	
DDI	8.42	155	eP	22	40.00	0.5
			eS	24	11.00	
NDI	9.73	163	iP	22	56.80	-0.1
			iS	24	40.80	
QUE	9.81	219	eP	22	58.50	0.5
			eS	24	44.00	
MHI	11.73	266	eP	23	22.00	-1.1
			eSn	25	24.00	
AJM	11.76	178	iP	23	21.00	-2.4
			eS	25	22.00	
WMO	11.82	57	P	23	22.70	-1.6
KKN	13.93	134	iPc	23	50.70	-0.9
DMN	13.97	135	iPc	23	51.70	-0.5

11d 15h

PKI	14.17	134	P	23 53.20	-1.5
	0.6s	23.00nm		4.7mb	
GTA	20.14	78	P	25 04.60	1.0
HYB	20.96	168	eP	25 13.50	1.8
GBA	24.56	172	Pd	25 48.40	1.9
	0.5s	20.40nm		4.9mb	
KOD	27.89	173	eP	26 19.00	1.7
SUF	37.92	326	iP	27 43.50	0.5
	0.3s	2.40nm		4.4mb	
SOD	39.38	333	eP	27 55.00	-0.1
HFS	43.35	321	eP	28 27.70	0.1
	0.5s	7.60nm		4.6mb	
N82	44.61	322	P	28 37.60	-0.1
	0.7s	3.20nm		4.1mb	
SZP	45.33	104	iPd	28 43.00	-0.8
DAG	53.94	343	iPd	29 48.00	-0.8
	0.4s	4.24nm		4.6mb	
		i		30 28.00	
BNG	60.45	251	iPc	30 35.30	-0.1
	1.0s	11.90nm		4.8mb	
MBC	65.64	3	iPd	31 08.40	-0.1
	0.5s	16.00nm		5.2mb	
		pP		31 48.00	166kmX
INK	71.97	10	eP	31 47.00	-0.5
COL	72.27	17	eP	31 49.00	-0.4
YKA	79.54	4	eP	32 30.60	0.5
WRA	80.82	124	Pd	32 37.50	-0.1
	0.8s	3.70nm		4.2mb	
W82	80.83	124	eP	32 37.70	0.1
S.D. = 1.2 on 27 of 27 obs.					

? APR 11, 1985 15h 34m 24.30± 3.00s
6.271 S ±21.6km 147.783 E ±27.1km
DEPTH = 62.3 ± 23.1 km
3.4mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.87	244	iPc	34 40.80	0.0
MDG	2.24	297	iP	34 59.60	0.0
LMG	2.65	172	eP	35 05.50	0.0
WB2	18.84	223	eP	38 41.30	-0.8
WRA	18.85	223	P	38 43.00	0.8
	0.4s	1.00nm		3.4mb	
S.D. = 1.1 on 5 of 5 obs.					

& APR 11, 1985 15h 59m 07.43s
60.967 N 147.639 W
DEPTH = 20.7km
SOUTHERN ALASKA (2)
<AGS-P>.

TTV	0.27	70	iP	59 13.94	0.2
GLI	0.28	108	iP	59 13.64	-0.2
VZW	0.54	80	iP	59 17.23	-0.9
KNK	0.60	319	iP	59 18.25	-0.9
			iS	59 26.87	
FID	0.61	110	iP	59 17.48	-1.8
VLZ	0.66	75	iP	59 19.11	-1.0
			iS	59 28.18	
PTE	0.68	262	iP	59 19.36	-1.2
			iS	59 28.34	
HIN	0.80	135	iP	59 22.13	-0.4
			eS	59 33.86	
SCM	0.88	10	iP	59 23.77	-0.2
SML	0.91	339	iP	59 23.53	-0.9
PME	0.94	315	eP	59 23.63	-1.4
PLRM	0.96	312	eP	59 23.61	-1.5
MPA	0.97	241	iP	59 23.66	-1.8
			iS	59 36.75	
PMS	0.97	287	iP	59 24.16	-1.4
KLU	0.98	57	iP	59 24.73	-1.0
			iS	59 38.37	
MSE	1.08	324	eP	59 25.86	-1.6
SEW	1.25	227	iP	59 28.17	-1.5
PWA	1.28	303	eP	59 29.07	-1.1
SGAM	1.28	110	iP	59 29.61	-0.6
TOA	1.34	31	eP	59 31.02	-0.1
SLKM	1.35	251	iP	59 29.96	-1.2
NKA	1.78	264	eP	59 38.05	0.8
BRLK	2.01	235	eP	59 39.06	-1.7
NNL	2.03	244	eP	59 40.34	-0.7
CGLM	2.15	281	eP	59 41.51	-1.2
SPU	2.16	278	iP	59 41.45	-1.4
CRP	2.21	280	eP	59 42.72	-1.1
RDT	2.37	263	eP	59 43.94	-2.0
SNH	2.50	106	eP	59 46.39	-1.3
BALM	2.58	86	iP	59 47.85	-1.1
ILM	2.67	255	eP	59 47.89	-2.3
AGAM	3.36	101	eP	59 59.23	-0.7
PDB	3.46	253	eP	59 58.67	-2.7
PCA	3.75	100	eP	00 03.23	-2.3
COL	3.95	359	eP	00 07.00	-1.2
35 obs. associated					

% APR 11, 1985 18h 17m 48.25± 1.35s
60.163 N ± 7.0km 5.013 E ±14.0km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.7 (BER). Explosion.

ASK	0.33	16	iPg	17 56.50	1.6
			iSg	18 00.10	
ODD	0.86	104	iPgd	18 05.20	-0.2
			iSg	18 16.30	
SUE	0.91	352	iPnc	18 05.60	-0.7
			iSn	18 16.80	
KMY	0.96	173	ePn	18 07.60	0.2
			iSn	18 20.30	
HYA	1.16	29	iPn	18 09.90	-0.9
			iSn	18 24.60	
S.D. = 1.4 on 5 of 5 obs.					

? APR 11, 1985 18h 23m 10.34± 1.48s
34.194 S ±15.6km 139.905 E ±15.0km
DEPTH = 33.0km (normal)
NEAR SOUTH COAST OF AUSTRALIA (600)
ML 3.7 (STK).

PNA	2.63	326	iPd	23 51.00	-0.3
			i	23 57.40	
			iS	24 25.30	
			iS	24 35.10	
STK	2.71	32	iPc	23 58.70	6.3X
			eS	24 49.00	
BFD	3.67	145	eP	24 07.00	0.9
			eS	24 47.00	
CMS	5.67	63	eP	24 36.00	1.5
			e(S)	25 45.00	
YOU	7.02	93	eP	24 52.60	-0.9
			eS	26 15.40	
CAN	7.57	101	eP	25 00.00	-1.2
			eS	26 26.30	
S.D. = 1.6 on 5 of 6 obs.					

• APR 11, 1985 18h 31m 56.31± 1.07s
43.736 N ± 5.3km 127.333 W ±12.1km
DEPTH = 10.0km (geophysicist)
4.4mb (1 obs.)
OFF COAST OF OREGON (30)

COR	3.02	72	iPd	32 45.00	0.0
FHC	3.84	139	eP	32 55.30	-1.5
BFW	4.01	45	eP	32 58.80	-0.3
SHW	4.37	54	eP	33 05.60	1.2
WDC	4.76	130	eP	33 10.30	0.5
LON	4.93	50	eP	33 13.20	1.0
GMW	4.97	38	eP	33 12.00	-0.7
ORV	6.04	132	eP	33 28.50	0.6
PNT	7.71	41	eP	33 50.00	-1.3
	0.4s	19.00nm		5.7mb	X
JAS1	7.82	136	eP	33 53.20	0.4
NEW	8.43	54	eP	34 00.00	-1.4
FRI	8.90	137	eP	34 07.10	-0.7
BDW	12.99	88	eP	35 05.00	1.2
EDM	13.25	39	eP	35 17.00	10.1X
FFC	19.76	47	eP	36 29.00	-0.1
	0.9s	21.00nm		4.4mb	
YKA	20.21	17	eP	36 34.10	0.3
YKC	20.23	17	eP	36 34.00	0.1
INK	24.83	355	eP	37 20.00	0.5
FRB	38.36	38	eP	39 19.00	0.3
S.D. = 0.9 on 18 of 19 obs.					

? APR 11, 1985 20h 01m 13.33± 9.55s
33.402 S ±22.7km 72.846 W ±82.6km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.32	115	iPc	01 34.00	-1.5
			IS	01 46.10	
PEL	1.83	82	iP	01 42.50	-0.5
RFA	3.88	112	e(P)	02 14 00	1.8
VCA	6.12	42	eP	02 44 00	0.0
TCA	7.28	76	e(P)	03 00.50	0.3
S.D. = 1.7 on 5 of 5 obs.					

• APR 11, 1985 20h 53m 05.84± 0.99s
2.632 S ±11.7km 100.624 E ±15.5km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
SOUTHERN SUMATERA (274)

KGM	5.35	30	ePc	54 24.70	-0.7
PSI	5.56	342	ePc	54 29.50	1.1
IPM	7.17	3	ePd	54 51.80	0.6
PKI	33.41	335	eP	59 43.40	-0.8
DMN	33.58	335	eP	59 45.50	0.0
KKN	33.66	335	eP	59 45.40	-0.8
	0.5s	9.00nm		4.9mb	
WRA	37.14	120	Pc	00 16.20	0.6
	0.5s	1.40nm		4.1mb	
WB2	37.15	120	eP	00 15.70	0.0
S.D. = 0.8 on 8 of 8 obs.					

& APR 11, 1985 21h 17m 05.82s
60.094 N 152.816 W
DEPTH = 103.4km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.09	360	iP	17 19.80	1.0
RDT	0.52	23	iP	17 21.83	-0.6
PDB	0.76	247	iP	17 23.29	-1.0
			iS	17 37.41	
NNL	0.76	93	eP	17 24.85	0.5
AUL	0.78	204	eP	17 23.86	-0.7
NKA	1.02	50	eP	17 28.13	1.2
BRLK	1.03	108	eP	17 26.39	-0.7
SPU	1.15	19	iP	17 27.58	-1.0
			eS	17 45.55	
CRP	1.22	15	iP	17 28.88	-0.6
			eS	17 46.16	
CGLM	1.28	18	iP	17 29.46	-0.6
SLKM	1.36	71	eP	17 29.91	-1.0
SVW	1.72	308	iP	17 33.38	-2.1
MPA	1.77	76	iP	17 34.92	-1.0
PMS	1.98	53	iP	17 37.58	-1.2
PTE	2.03	66	eP	17 37.68	-1.7
PWA	2.12	41	eP	17 39.40	-1.2
PLRM	2.35	49	eP	17 41.73	-1.9
KDC	2.36	176	iP	17 40.81	-2.9
PME	2.41	49	eP	17 42.20	-2.2
KNK	2.52	56	eP	17 43.46	-2.4
			iS	18 13.70	
MSE	2.57	45	eP	17 44.26	-2.4
SML	2.78	50	iP	17 46.96	-2.5
GLI	2.94	72	eP	17 49.85	-1.7
HIN	3.16	82	eP	17 53.09	-1.6
SCM	3.19	55	eP	17 52.57	-2.6
FID	3.21	75	eP	17 53.06	-2.2
TTA	3.23	333	eP	17 52.98	-2.7
VZW	3.24	70	eP	17 53.05	-2.6
VLZ	3.36	69	eP	17 54.51	-2.8
KLU	3.66	64	iP	17 58.61	-2.9
TOA	3.80	55	eP	18 01.47	-2.0
SGAM	3.81	81	eP	18 01.30	-2.1
BALM	5.25	75	eP	18 21.25	-2.2
COL	5.35	24	eP	18 21.00	-3.7
YKA	18.33	66	eP	21 11.20	-3.1
35 obs. ossociated					

APR 11, 1985 21h 39m 48.94± 0.72s
46.264 N ± 7.7km 13.145 E ± 7.0km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 2.6 (KBA), DUR 2.3 (TRI).

VOY	0.57	114	iPg	40 00.00	-0.6
			iSg	40 10.40	
TRI	0.70	142	ePg	40 01.70	-1.1
			iSg	40 14.00	
KBA	0.83	10	iPgc	40 04.40	-0.6
			i	40 05.00	
			i	40 12.00	
			iSg	40 15.80	
LJU	0.99	102	ePg	40 10.90	3.2X
			eSg	40 24.90	
			i	40 27.80	
CEY	1.04	120	ePg	40 10.20	1.7
			iSg	40 27.90	
CTI	1.06	259	ePg	40 09.00	0.0

			eSg	40	25.00	
OGA	1.58	293	ePg	40	17.40	0.1
KHC	2.88	6	Pg	40	36.10	0.3
			Sg	41	22.00	

S.D. = 1.1 on 7 of 8 obs.

? APR 11, 1985 23h 06m 18.51± 1.36s
1.541 N ±24.2km 126.683 E ±28.5km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
MOLUCCA PASSAGE (266)

WRA	22	63	Pd	11	18.20	0.1
	0.5s	13.90nm			4.7mb	
WB2	22.64	161	eP	11	17.70	-0.4
			eS	15	21.20	
KGM	23.36	272	ePd	11	25.80	0.7
IPM	25.79	277	ePd	11	49.00	0.5
CHTO	32.15	304	e(P)	12	43.50	-2.1
			e	12	46.00	
CAN	42.19	152	eP	14	14.80	4.8X
WAM	42.86	153	eP	14	20.50	5.1X
PKI	47.22	307	eP	14	51.20	0.4
KKN	47.41	307	eP	14	52.80	0.5
	0.5s	9.00nm			5.0mb	
HYB	49.84	292	eP	15	10.00	-0.9
GBA	50.15	286	Pc	15	12.70	-0.6
	0.5s	3.20nm			4.6mb	
MHI	70.80	308	eP	17	36.00	1.8

S.D. = 1.2 on 10 of 12 obs

• APR 11, 1985 23h 07m 42.38± 0.74s
53.574 N ±19.2km 35.540 W ± 8.0km
DEPTH = 10.0km (geophysicist)
4.9mb (5 obs.) 4.9Msz (1 obs.)
NORTH ATLANTIC OCEAN (402)

FRB	19.72	314	eP	12	14.00	-0.5
TCF	25.13	91	eP	13	09.20	0.5
GRC	25.14	89	iPc	13	07.50	-1.2
BCF	25.37	90	iPc	13	10.00	-0.9
	1.2s	61.20nm			5.2mb	
MZF	25.39	91	eP	13	11.80	0.7
	1.2s	41.30nm			5.0mb	
SSF	25.52	89	eP	13	11.20	-1.1
AVF	25.56	89	eP	13	11.50	-1.1
	1.4s	58.70nm			5.1mb	
LOR	25.63	88	P	13	13.90	0.6
	1.2s	19.00nm			4.7mb	
LBF	25.84	89	eP	13	16.10	0.8
NUR	32.41	53	eP	14	10.00	-4.0X
Z	23s	0.40um			4.0MszX	
SUF	32.57	49	iP	14	17.50	2.1
KJF	32.94	46	eP	14	19.00	0.4
MBC	37.37	337	eP	14	55.00	-1.2
INK	44.41	328	eP	15	54.00	-0.2
ALQ	51.84	279	eP	16	53.80	1.0
	1.1s	6.65nm			4.5mb	
Z	18s	1.03um			4.9Msz	
GLA	58.07	284	eP	17	38.00	0.1
SBB	58.62	287	eP	17	42.00	0.2
MWC	59.09	287	eP	17	41.00	-4.2X

S.D = 1.0 on 16 of 18 obs.

? APR 11, 1985 23h 10m 59.55± 0.98s
32.345 S ±13.8km 178.504 W ±20.3km
DEPTH = 33.0km (normal)
4.9mb (1 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ	6	89	203 e(P)	12	41.00	0.2
			S	14	09.00	
TCW	10.57	211	P	13	31.50	-0.3
			S	15	30.90	
CTAO	33.74	282	eP	17	41.80	1.6
WB2	43.77	274	eP	19	02.80	-1.1
WRA	43.78	274	Pc	19	03.10	-0.8
	0.5s	10.60nm			4.9mb	
MBC	114.40	13	ePKP	29	35.00	-1.5
BUL	121.71	210	iPKPc	29	53.00	0.8
FRB	127.26	32	ePKP	30	01.00	-0.4
KJF	144.20	341	ePKP	30	30.00	-2.8X
SUF	145.80	340	iPKP	30	32.70	-2.8X
	0.4s	9.50nm				
BNG	147.97	213	iPKPc	30	44.40	3.8X
	1.0s	19.80nm				
NUR	147.97	338	iPKP	30	40.60	1.5
	0.8s	19.10nm				
UPP	150.46	343	iPKP	30	46.10	3.2X
NB2	150.60	350	PKP	30	37.80	-5.4X
	0.7s	4.90nm				
HFS	151.05	347	ePKP	30	47.40	3.6X
	0.7s	5.30nm				

S.D. = 1.3 on 9 of 15 obs.

• APR 12, 1985 00h 00m 42.74± 0.78s
44.017 N ±12.8km 148.410 E ±13.8km
DEPTH = 33.0km (normal)
4.6mb (7 obs.)
KURIL ISLANDS (221)

TSK	10.05	222	eP	03	15.00	7.1X
DDR	10.68	225	eP	03	15.00	-1.5
MAT	10.79	230	iPc	03	17.40	-0.5
BJI	24.19	272	eP	06	00.00	3.1X
TIA	25.05	263	Pc	06	06.60	1.2
CD2	37.34	265	P	07	54.70	0.9
COL	40.34	36	eP	08	19.50	1.1
KMI	41.46	258	eP	08	29.00	0.7
WMO	42.84	292	P	08	40.30	1.1
INK	45.72	31	eP	09	03.00	1.1
CHTO	48.23	255	e(P)	09	23.30	1.0
			e	09	38.00	
KKN	52.41	274	eP	09	55.00	0.6
	0.8s	13.00nm			4.9mb	
PKI	52.44	274	eP	09	55.10	0.3
	1.0s	10.00nm			4.7mb	
DMN	52.64	274	eP	09	57.00	0.8
	0.8s	17.00nm			5.1mb	
YKA	55.07	34	eP	10	14.00	0.8
SOD	60.56	338	eP	10	50.00	-1.8
HYB	63.69	269	ePd	11	12.50	-0.9
SUF	64.08	334	iP	11	13.10	-2.1
	0.4s	1.90nm			4.5mb	
WRA	64.94	195	Pd	11	20.90	-0.3
	0.8s	1.90nm			4.2mb	
MHI	65.22	297	eP	11	24.00	0.9
NUR	66.21	333	eP	11	27.00	-1.9
GBA	67.01	267	P	11	34.00	-0.7
FRB	68.67	17	eP	11	44.00	-0.3
NB2	69.68	339	P	11	49.60	-1.1
	0.8s	3.80nm			4.5mb	
HFS	69.79	338	ePKP	11	49.90	-1.4
	0.4s	1.20nm			4.3mb	
PRU	78.10	332	eP	12	40.50	0.9
KHC	79.16	332	P	12	46.50	1.0

S.D. = 1.2 on 25 of 27 obs.

• APR 12, 1985 00h 32m 30.35± 0.58s
8.159 S ±16.9km 107.013 E ±12.7km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
JAVA (277)

TRT	5.59	86	iPc	33	54.00	0.7
			iS	34	51.50	
PPI	10.10	319	eP	34	57.00	0.8
NAU	16.47	151	eP	36	20.50	-0.1
WRA	28.93	117	Pc	38	29.60	0.7
	1.2s	6.30nm			4.2mb	
KOD	34.63	301	P	39	20.00	0.8
GBA	36.47	306	P	39	33.50	-0.9
HYB	37.91	312	eP	39	45.50	-1.1
POO	42.12	309	P	40	23.00	1.6
NDI	46.56	323	eP	40	56.50	-0.5
BNG	89.11	275	iPd	45	25.60	1.1
	1.1s	7.90nm			4.9mb	
YKA	117.94	20	ePKP	51	14.30	-0.6
YKC	117.99	20	ePKP	51	23.00	8.0X
TUL	145.41	34	ePKP	52	05.00	-2.0
	0.8s	10.80nm				
RLO	145.63	33	ePKP	52	05.20	-2.2
JCT	146.50	45	iPKP	52	09.80	0.7
	0.8s	16.79nm				
BHO	147.04	35	ePKP	52	10.80	1.1

S.D. = 1.3 on 15 of 16 obs.

• APR 12, 1985 01h 05m 25.78± 0.91s
21.228 S ± 7.0km 68.802 W ±12.6km
DEPTH = 163.6 ± 17.6 km
CHILE-BOLIVIA BORDER REGION (124)

ANT	2.88	211	iP	06	12.40	-0.3
			eS	06	41.00	
YJA	3.21	108	iP	06	16.90	-0.4
			S	06	51.20	
CCH	4.58	34	Pd	06	34.60	-0.3
	0.9s	5.50nm				
SLA	4.63	139	iPd	06	36.20	0.7
LPB	4.72	8	Pd	06	37.20	0.3
	0.9s	184.87nm				
			i	06	55.00	
ZOBO	4.97	8	eP	06	40.60	0.2
ITB	13.90	108	eP	08	42.40	5.4X
ITB7	14.00	109	e(P)	08	43.80	5.5X
VAO	20.31	99	eP	09	50.60	-0.2
			i	09	51.60	

S.D. = 0.6 on 7 of 9 obs.

& APR 12, 1985 01h 18m 54.21s
61.003 N 149.819 W
DEPTH = 39.5km
SOUTHERN ALASKA (2)
<AGS-P>.

PMS	0.27	27	iP	19	01.71	-0.5
PTE	0.41	109	iP	19	03.27	-0.5
SLKM	0.53	202	iP	19	04.60	-0.9
MPA	0.56	156	iP	19	05.17	-0.6
PWA	0.65	357	iP	19	06.27	-0.7
PLRM	0.68	29	iP	19	06.56	-0.8
			eS	19	15.95	
PME	0.73	31	iP	19	07.58	-0.6
			eS	19	16.80	
NKA	0.74	250	iP	19	09.07	0.8
KNK	0.78	57	iP	19	08.32	-0.5
			eS	19	20.15	
GHO	0.88	29	eP	19	09.92	-0.5
			eS	19	23.09	
SEW	0.92	168	eP	19	09.47	-1.3
MSE	0.93	26	iP	19	10.33	-0.8
			eS	19	22.83	
SML	1.08	41	eP	19	12.74	-0.4
SPU	1.10	280	iP	19	12.69	-0.7
			eS	19	27.14	
CGLM	1.10	287	iP	19	12.79	-0.7
			eS	19	27.16	
CRP	1.16	284	iP	19	13.95	-0.5
			eS	19	29.43	
NNL	1.21	218	iP	19	15.63	0.7
			eS	19	32.05	
TTV	1.31	87	eP	19	16.45	0.6
			eS	19	34.17	
GLI	1.34	94	iP	19	16.36	-0.4
RDT	1.34	252	iP	19	16.17	-0.7
			eS	19	35.17	
BRLK	1.35	204	iP	19	16.72	-0.2
SCM	1.46	54	eP	19	18.69	0.1
VZW	1.59	87	eP	19	20.15	-0.2
FID	1.65	97	iP	19	19.85	-1.4
ILM	1.69	242	iP	19	21.46	-0.3
VLZ	1.70	84	eP	19	21.75	-0.1
HIN	1.74	109	eP	19	21.87	-0.6
KLU	1.95	74	eP	19	25.16	-0.4
			eS	19	50.48	
CVA	2.05	101	eP	19	25.97	-0.9
TOA	2.07	56	eP	19	28.42	1.2
TSIM	2.19	82	eP	19	28.60	-0.4
SGAM	2.32	101	eP	19	29.33	-1.5
CSG	2.46	96	eP	19	32.28	-0.5
PDB	2.49	243	eP	19	32.58	-0.6
BMRM	2.55	89	eP	19	32.79	-1.4
			eS	20	08.47	
RAGM	2.60	101	iP	19	33.81	-1.1
			eS	20	12.53	
SVW	2.82	275	eP	19	36.93	-1.0
GLB	2.94	79	eP	19	39.47	-0.1
BALM	3.64	86	eP	19	48.05	-1.5
COL	4.02	12	eP	19	55.00	0.7

40 obs. associated

? APR 12, 1985 01h 53m 22.21± 4.24s
33.960 S ±22.9km 72.262 W ±32.5km
DEPTH = 33.0km (normal)
3.2mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.55	59	iP	53	47.50	-0.3
			iS	54	05.00	
RFA	3.24	105	ePd	54	12.60	0.6
RTCV	3.77	57	eP	54	23.50	4.1X

12d 01h

RTCB	3.82	51	eP	54 21.40	1.2
RTLL	4.14	52	ePd	54 25.30	0.6
VCA	6.25	35	eP	54 55.00	0.2
TCA	6.98	70	e(P)	55 03.00	-1.8
ZOBO	18.01	13	eP	57 31.80	-0.4
	0.8s		1.50nm		3.2mb
	S.D. = 1.2		on 7 of 8 obs.		

& APR 12, 1985 02h 33m 39.52s
60.027 N 147.202 W
DEPTH = 26.8km
4.6mb (3 obs.)
SOUTHERN ALASKA (2)
<AGS-P>. ML 3.7 (PMR).

HIN	0.51	43	iP	33 49.88	-0.1
MID	0.74	144	eP	33 53.17	-0.6
FID	0.81	26	iP	33 53.87	-1.0
GLI	0.86	4	iP	33 54.97	-0.7
TTV	1.03	2	iP	33 57.80	-0.4
			eS	34 13.32	
VZW	1.08	17	iP	33 58.62	-0.4
SGAM	1.10	64	iP	33 59.11	-0.1
SEW	1.13	275	iP	33 57.91	-1.7
			eS	34 13.69	
MPA	1.17	294	iP	33 58.60	-1.6
VLZ	1.19	21	iP	34 00.16	-0.2
PTE	1.23	314	iP	33 59.96	-1.1
RAGM	1.31	73	iP	34 03.06	0.8
CSG	1.33	60	eP	34 03.63	1.2
			eS	34 23.93	
KAIM	1.40	93	eP	34 03.90	0.4
TSIM	1.51	37	iP	34 05.36	0.2
			eS	34 26.69	
KNK	1.52	337	iP	34 04.76	-0.5
SLKM	1.58	289	eP	34 04.27	-1.8
BMRM	1.60	53	eP	34 06.44	0.0
KLU	1.60	23	iP	34 06.72	0.3
PMS	1.69	317	iP	34 06.73	-0.9
SCM	1.81	358	eP	34 09.95	0.4
PLPM	1.83	330	eP	34 09.12	-0.6
PMP	1.83	330	eP	34 08.60	-1.1
PME	1.84	332	eP	34 09.33	-0.5
SML	1.87	343	iP	34 10.25	-0.1
BRLV	1.88	264	eP	34 07.99	-2.4
GHC	1.94	335	iP	34 10.97	-0.4
MSE	2.01	335	iP	34 11.66	-0.8
NNL	2.06	272	eP	34 11.82	-1.1
PWA	2.09	322	iP	34 12.58	-0.9
NKA	2.13	291	eP	34 14.06	0.1
TOA	2.14	13	iP	34 15.39	1.1
GLB	2.19	48	iP	34 14.90	0.0
SNH	2.19	84	eP	34 14.86	0.0
YKGM	2.40	87	eP	34 17.53	-0.2
BALM	2.61	65	iP	34 20.40	-0.5
RDT	2.65	284	eP	34 19.22	-2.2
SPU	2.66	298	eP	34 19.58	-2.0
CGLM	2.69	301	eP	34 20.16	-1.9
CRP	2.74	299	eP	34 20.92	-1.9
ILM	2.82	276	eP	34 21.35	-2.4
CTGM	3.05	70	eP	34 26.84	-0.4
AGAM	3.09	85	eP	34 27.51	-0.3
CDD	3.47	254	eP	34 31.50	-1.5
PCA	3.46	86	eP	34 32.46	-0.8
PDB	3.53	269	eP	34 31.45	-2.4
KDC	3.57	233	eP	34 31.00	-3.4
PNL	3.95	92	eP	34 38.28	-1.6
HON	4.25	94	eP	34 42.25	-1.9
SVM	4.29	288	eP	34 41.67	-3.1
CCL	4.90	357	eP	34 51.00	-2.2
	0.8s		11.19nm		
			e	34 58.00	
FBA	4.90	357	eP	34 51.30	-1.9
TTA	5.13	308	eP	34 53.00	-3.6
DWY	5.45	39	P	35 00.00	-1.0
INK	10.19	30	eP	36 05.00	-2.1
YKA	15.77	67	eP	37 26.10	5.0
MBC	18.93	20	eP	38 02.00	1.7
DAG	39.68	16	iPd	41 09.90	-0.3
	0.6s		4.00nm		4.3mb
KHC	70.08	13	eP	44 37.00	-13.7
KKN	82.52	315	eP	46 00.90	-0.2
	0.5s		3.00nm		4.6mb
PKI	82.68	315	eP	46 01.20	-0.9
	0.6s		5.00nm		4.8mb
	61 obs. associated				

APR 12, 1985 03h 08m 50.12± 0.33s
36.643 N ± 6.0km 70.699 E ± 5.6km
DEPTH = 33.0km (normal)
4.8mb (12 obs.)
HINDU KUSH REGION (718)
Felt (III) at Khorog, USSR.

KSH	5.03	54	iPc	10 12.00	6.7X
			sP	10 29.00	
DDI	8.80	134	eP	10 59.00	0.9
			eS	12 32.00	
MHI	9.03	271	iPc	11 00.40	-0.9
	0.8s		68.66nm		5.9mb X
			eSn	12 32.00	
NDI	9.65	143	eP	11 10.60	0.9
			iS	12 53.60	
KHI	10.15	259	eP	11 17.20	0.3
AJM	10.80	162	iP	11 23.00	-2.5
			iS	13 50.00	
WMQ	14.82	56	eP	12 19.40	0.4
DMN	15.16	122	iP	12 22.60	-1.1
	0.6s		41.00nm		4.9mb
KKN	15.16	121	iP	12 22.20	-1.5
PKI	15.39	122	iP	12 25.20	-1.5
	0.5s		29.00nm		4.8mb
POO	18.25	170	iPc	12 36.00	-26.6X
LSA	18.45	106	eP	13 08.80	3.4X
HYB	20.37	158	ePd	13 27.40	0.6
	0.8s		26.90nm		4.7mb
SHL	21.19	115	iP	13 36.00	0.8
			iS	17 20.00	
GTA	23.06	74	Pc	13 55.20	1.5
GBA	23.72	164	P	14 01.40	1.3
			S	19 12.40	
CD2	27.98	92	eP	14 41.50	1.7
XAN	31.15	83	eP	15 07.40	-0.7
GYA	32.12	98	P	15 17.20	0.4
NUR	37.57	324	eP	16 03.00	0.2
KJF	37.65	331	eP	16 13.00	9.6X
	0.6s		15.60nm		5.0mb
			i	16 22.30	
SUF	37.67	328	eP	16 04.00	0.4
SOD	39.51	335	eP	16 13.00	-5.9X
UPP	40.81	322	iP	16 29.60	-0.1
BRG	42.34	308	eP	17 03.00	20.6X
HFS	42.80	322	eP	16 46.20	0.1
	0.5s		5.50nm		4.5mb
NB2	44.12	323	P	16 56.40	-0.4
	0.6s		6.00nm		4.6mb
SMF	49.57	304	eP	17 56.10	16.3X
	0.7s		5.90nm		
AVF	49.86	304	eP	17 58.20	16.2X
	0.6s		6.30nm		
MZF	50.52	303	eP	18 03.70	16.6X
	0.8s		7.40nm		
TCF	50.75	304	eP	18 05.30	16.5X
DAG	54.55	344	iPd	18 15.90	-0.8
	0.6s		10.67nm		5.0mb
ALM	57.20	294	iPd	18 52.90	16.6X
	1.9s		3.20nm		
			e	27 04.40	
BNG	57.47	249	ePd	18 40.70	2.2
	0.9s		6.90nm		4.7mb
			i	18 56.70	
MBC	67.21	3	eP	19 42.00	-0.5
	0.7s		12.00nm		5.1mb
INK	73.82	9	ePc	20 22.30	-0.3
COL	74.40	16	eP	20 25.00	-1.1
	0.8s		12.31nm		5.0mb
FRB	74.85	342	eP	20 28.00	-0.7
YKA	81.11	2	eP	21 03.20	0.2
YKC	81.13	2	eP	21 03.00	-0.1
	0.8s		10.00nm		4.9mb
FFC	88.78	356	eP	21 41.50	-0.1
	0.9s		5.00nm		4.8mb
EDM	90.44	2	ePc	21 49.60	0.2
	S.D = 1.1		on 31 of 42 obs.		

? APR 12, 1985 04h 02m 50.91± 3.41s
32.957 S ±17.3km 72.256 W ±31.1km
DEPTH = 33.0km (normal)
3.3mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.33	98	iP	03 13.40	0.0
			iS	03 32.60	
RTCB	3.28	64	eP	03 44.80	3.6X
			(S)	04 30.40	
RTCV	3.33	72	ePc	03 47.00	5.0X
			S	04 35.00	
RTLL	3.60	64	ePd	03 49.60	3.8X
			S	04 39.30	
RFA	3.64	121	ePc	03 46.50	0.2
VCA	5.46	41	ePd	04 12.80	0.6
			S	05 26.50	
TCA	6.70	78	ePc	04 29.10	-0.5
			S	05 51.50	
SLA	10.11	38	e(P)	05 45.00	27.9X
			S	37 17.00	
ZOBO	17.03	14	eP	06 48.50	-0.3
	0.8s		1.88nm		3.3mb
	S.D. = 0.6		on 5 of 9 obs.		

• APR 12, 1985 04h 18m 33.52± 2.15s
3.569 N ± 7.4km 127.061 E ±14.5km
DEPTH = 61.6 ± 20.4 km
4.6mb (3 obs.)
TALAUD ISLANDS (263)

AAI	7.30	171	ePd	20 28.50	8.7X
PLP	7.82	345	iPc	20 28.00	0.9
KNA	19.27	175	iPd	22 54.70	-1.4
QIZ	22.79	314	eP	23 33.20	1.3
WRA	24.44	163	Pd	23 46.80	-1.1
	0.7s		8.50nm		4.3mb
WB2	24.44	163	eP	23 46.20	-1.7
			e	23 54.80	
			eS	28 31.70	
MBL	25.58	196	iPd	24 00.30	1.7
MEK	31.11	195	iPd	24 49.30	0.8
KMI	31.73	315	eP	24 54.50	0.4
TIA	33.75	345	Pc	25 10.40	-0.9
XAN	34.71	333	Pd	25 17.70	-1.9
CD2	34.97	324	P	25 21.00	-0.9
BJI	37.62	346	eP	25 44.00	0.0
LZH	38.81	329	eP	25 54.00	-0.3
HHC	39.65	341	eP	26 02.00	0.8
YOU	42.67	154	eP	26 26.90	1.0
GTA	43.40	329	P	26 31.80	-0.1
CAN	43.82	154	eP	26 35.20	0.0
WAM	44.51	155	eP	26 41.90	1.2
PKI	46.33	305	eP	26 54.00	-1.8
KKN	46.52	306	eP	26 56.80	-0.3
	0.6s		5.00nm		4.6mb
DMN	46.59	305	eP	26 57.60	-0.1
	0.8s		12.00nm		4.9mb
GBA	49.98	285	Pd	27 25.00	1.2
MHI	69.87	307	eP	29 41.00	0.8
INK	90.20	22	eP	31 28.00	-0.2
KJF	90.88	334	eP	31 31.00	-0.4
SUF	91.84	333	eP	31 35.00	-0.8
MBC	92.04	13	eP	31 39.00	2.5
YKA	99.51	24	eP	32 11.10	0.3
	S.D. = 1.2		on 28 of 29 obs.		

APR 12, 1985 05h 27m 29.15± 0.70s
45.332 N ±12.9km 70.692 W ± 5.5km
DEPTH = 5.0km (geophysicist)
MAINE (475)
mbLg 3.5 (NEIS). Felt (III) at Strotton.

BNH	0.84	209	P	27 46.50	0.6
MIM	1.17	94	P	27 51.70	0.3
HNME	2.07	65	P	28 04.50	-0.4
MNT	2.07	276	eP	28 06.50	1.5
EMM	2.35	104	P	28 09.00	0.0
RSNY	2.84	255	P	28 15.50	-0.5
SKLY	2.90	243	P	28 15.90	-0.9
PTN	3.14	258	P	28 19.50	-0.7
OTT	3.54	273	eP	28 33.00	7.1X
	S.D. = 0.9		on 8 of 9 obs.		

APR 12, 1985 06h 12m 45.09± 0.15s
11.343 S ± 4.0km 165.687 E ± 3.4km
DEPTH = 33.0km (normal)
5.7mb (38 obs.) 5.9Msz (16 obs.)
SANTA CRUZ ISLANDS (184)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 31C
Centroid Location:
Origin Time 06:12:50.9 0.3
Lat 11.54S 0.03 Lon 165.51E 0.03

Dep 14.8 1.4 Half-duration 3.8
Moment Tensor; Scale 10**25 D-CM
Mrr= 1.06 0.02 Mtt= 0.00 0.04
Mff=-1.06 0.03 Mrt= 0.66 0.10
Mrf=-0.12 0.07 Mtf=-0.11 0.02
Principal Axes:
T Val= 1.39 Plg=64 Azm= 8
N -0.32 26 184
P -1.07 2 275
Best Double Couple:Mo=1.2*10**25
NP1:Strike= 29 Dip=49 Slip= 125
NP2: 162 52 56

HNR	5.96	288	eP	14	14.00	0.7
			e(S)	15	50.00	
SVO	6.18	290	eP	14	17.00	0.6
			eS	15	35.00	
NOU	10.93	176	iPc	15	19.00	-3.3
PAA	11.25	296	eP	15	24.00	-2.8
NDF	13.05	121	eP	15	55.80	5.0X
VUN	14.02	120	iP	16	13.00	9.3X
RAB	15.15	297	iP-	16	18.00	-0.5
PMG	18.33	274	eP	16	59.00	0.4
MOM	20.36	296	iPc	17	21.40	-0.3
MDG	20.60	285	eP	17	24.00	-0.2
CTA	20.61	243	iPd	17	23.80	-0.5
	1.9s	1631.58nm			6.1mb	
			iS	21	08.00	
CTAO	20.61	243	eP	17	24.10	-0.2
	0.9s	95.16nm			5.2mb	
RMO	21.95	224	eP	17	38.00	0.2
	1.1s	1281.00nm			6.3mb	
AFI	22.14	99	P	17	41.00	1.2
			(S)	21	39.00	
COO	23.03	212	eP	17	48.00	-0.4
	1.4s	840.00nm			6.0mb	
			e	18	03.00	
CRZ	23.85	166	P	18	00.00	3.7X
RIV	26.03	208	iPc	18	18.40	1.4
	1.2s	4812.50nm			7.0mb X	
			eS	22	57.00	
CMS	27.18	219	eP	18	27.00	-0.6
	0.8s	133.00nm			5.6mb	
			e	18	34.00	
			e	22	29.00	
YOU	27.76	212	eP	18	35.10	2.2
CAN	28.27	210	eP	18	38.60	1.0
			i	18	46.30	
WAM	29.03	209	eP	18	44.60	0.3
			i	18	50.00	
GNZ	29.33	160	P	18	47.00	0.0
			eS	23	43.00	
TCW	30.70	167	P	18	58.40	-0.7
WEL	30.88	167	P	19	00.00	-0.6
Z	22s	10.37um			5.4Msz	
N	22s	10.37um				
E	19s	9.72um				
			S	24	02.00	
			SS	26	34.50	
W82	31.32	250	eP	19	02.70	-2.1
WRA	31.33	250	Pc	19	02.80	-2.1
	1.5s	104.00nm			5.4mb	
TOO	31.79	211	eP	19	08.00	-0.8
			eS	24	21.00	
GUA	32.18	320	eP	19	09.50	-2.9
	0.8s	113.43nm			5.8mb	
GUMO	32.25	320	eP	19	09.70	-3.2X
PJG	32.25	320	eP	19	09.50	-3.4X
ASPA	32.61	244	eP	19	14.00	-2.1
	1.2s	46.00nm			5.3mb	
			eS	24	31.00	
BFD	33.08	215	eP	19	20.00	0.0
MSZ	33.26	177	P	19	21.00	-0.4
ADE	33.97	222	iPc	19	28.10	0.2
	0.9s	77.31nm			5.6mb	
TAU	35.27	204	eP	19	43.00	4.2X
			eS	25	10.00	
KNA	36.13	259	eP	19	46.00	-0.3
DAV	43.91	293	eP	20	48.00	-2.8
			eS	27	22.00	
MBL	44.95	251	iPd	20	59.00	-0.1
PMO	45.28	100	eP	21	02.00	0.2
	1.2s	75.00nm			5.5mb	
PLP	46.22	298	ePd	21	08.60	-0.5
MEK	46.82	244	eP	21	14.00	0.1
	0.8s	46.00nm			5.5mb	
KLB	48.50	238	eP	21	26.00	-0.9

NAU	49.08	250	eP	21	31.00	-0.5
NWAO	49.25	236	eP	21	33.00	0.3
MRWA	49.50	241	eP	21	34.00	-0.7
MUN	49.87	238	eP	21	37.00	-0.5
QCP	51.19	299	eP	21	45.20	-2.5
MAN	51.20	299	eP	21	45.50	-2.2
CVP	52.05	303	ePd	21	59.00	4.8X
KKM	52.17	287	ePc	21	54.50	-0.8
	1.2s	103.60nm			5.7mb	
TRT	52.39	269	ePd	21	56.10	-0.8
	0.6s	33.00nm			5.5mb	
BAG	52.45	301	ePc+	21	56.00	-1.4
			eS	29	16.00	
SRY	52.95	333	eP	22	00.70	0.0
TSK	53.09	334	eP	22	03.60	1.9
DDR	53.32	333	eP	22	03.70	0.3
MAT	54.21	333	iPd+	22	09.00	-0.8
	1.1s	81.01nm			5.7mb	
Z	20s	7.98um			5.8Msz	
			eS	29	47.00	
ANP	56.31	311	eP	22	30.00	4.6X
QZH	58.39	309	eP	22	41.00	1.0
			sP	23	06.00	
			S	30	40.00	
SSE	60.02	316	Pd+	22	51.00	-0.2
	0.8s	86.00nm			5.9mb	
Z	24s	8.30um			5.8MszX	
N	28s	34.80um				
E	24s	7.80um				
			S	31	03.00	
			sS	31	10.00	
			ScS	32	46.00	
			SS	35	10.00	
HKC	60.56	304	eP	23	06.00	11.0X
			e(S)	31	16.00	
GZH	61.60	304	iPd	23	03.30	1.2
			PPP	26	46.50	
			iS	31	16.50	
NJ2	62.19	316	Pd	23	06.00	0.2
			sP	23	33.50	
QIZ	62.77	298	eP	23	10.80	0.9
			sP	23	37.50	
			eS	31	38.00	
KGM	63.40	278	ePc	23	14.00	-0.2
			e	23	43.70	
SMY	64.22	6	P	23	18.70	-0.1
	1.0s	260.00nm			6.3mb	
WHN	64.55	312	eP	23	21.00	-0.4
			isP	23	49.00	
			eS	31	54.00	
			sS	32	23.00	
MDJ	64.58	332	eP	23	21.80	0.4
			pP	23	37.00	55kmX
			sP	23	47.00	
			ScS	33	08.00	
DL2	64.68	323	P	23	21.50	-0.6
ADK	64 79	12	P	23	21.50	-1.0
	1.0s	90.00nm			5.8mb	
SNY	65.55	327	Pd	23	27.50	-0.1
TIA	65.80	318	Pd	23	28.80	-0.6
			PP	25	53.00	
CN2	65.97	329	Pc	23	30.00	-0.3
			ScS	33	21.00	
IPM	66.24	280	iPd	23	33.00	0.4
	1.0s	145.40nm			6.0mb	
			e	23	59.70	
SBA	66.50	180	eP	23	29.80	-3.4X
GYA	68.54	304	Pc	23	48.00	1.0
BJI	68.68	321	eP	23	48.50	1.1
Z	20s	3.20um			5.6Msz	
N	18s	5.40um				
			epP	24	06.00	65kmX
			esP	24	14.00	
			S	32	53.00	
			sS	33	21.00	
TIY	69 74	317	Pc	23	54.50	0.4
			PP	26	36.00	
XAN	70.28	312	Pc	23	57.00	-0.5
KMI	71.23	301	Pc+	24	04.00	0.4
	9.0s	2.90nm			3.3mb X	
N	16s	2.80um				
			pP	24	19.00	53kmX
			sP	24	31.00	
			S	33	22.00	
			sS	34	00.00	
			PS	34	09.00	
HHC	72.02	320	Pc	24	09.00	1.1

CHTO	72.29	294	eP	24	10.50	0.7
	1.3s	160.13nm			5.9mb	
CD2	72.74	307	P	24	13.00	0.7
			eS	33	33.00	
			SS	38	15.00	
BTO	72.87	319	P	24	14.00	1.1
			S	33	37.00	
LZH	74.91	312	Pc	24	26.00	1.0
	2.2s	646.00nm			6.2mb	
E	14s	2.10um				
			eS	34	06.00	
KDC	76.88	22	P	24	33.80	-1.6
	0.9s	41.67nm			5.5mb	
SPA	78.73	180	iP	24	46.20	6.5
	1.0s	31.00nm			5.3mb	
Z	19s	5.95um			5.9Msz	
GTA	79.22	314	Pc	24	50.20	1.3
			pP	25	10.00	73kmX
TTA	79.72	17	P	24	51.40	0.4
	1.0s	106.25nm			5.8mb	
SHL	80.61	298	iP	24	58.00	1.4
PMR	80.85	20	P	24	56.50	-0.4
LSA	82.46	302	P	25	08.40	1.8
			sP	25	34.00	
			S	35	23.00	
IMA	82.81	16	P	25	07.00	-0.2
NWRM	82.86	49	P	25	06.50	-1.3
FHC	82.91	46	P	25	10.00	1.9
BKS	83.15	49	eP	25	08.00	-1.3
	1.4s	115.00nm			5.8mb	
Z	20s	5.00um			5.9Msz	
N	20s	3.00um				
E	20s	4.10um				
			e	36	16.80	
			e	39	40.00	
			e	41	18.00	
			e	46	44.00	
			eLR	50	36.00	
BLP	83.46	53	P	25	08.50	-2.5
ARN	83.49	50	P	25	11.80	0.6
COL	83.62	18	eP	25	10.00	-1.2
	0.7s	97.26nm			6.1mb	
			eS	35	41.00	
FBA	83.62	18	P	25	09.80	-1.4
	1.0s	156.25nm			6.1mb	
SLD	83.64	50	P	25	12.50	0.6
SYP	83.78	53	eP	25	15.00	2.2
WDC	83.86	47	eP	25	12.00	-0.9
PHAM	83.86	52	P	25	15.00	1.9
ORV	84.26	48	eP	25	14.10	-0.8
MAW	84.43	202	eP	25	17.00	1.7
MIN	84.45	47	eP	25	14.60	-1.5
JAS1	84.52	50	eP	25	14.90	-1.4
			e	28	50.00	
PHC	84.61	36	eP	25	17.00	0.6
COR	84.76	43	eP	25	14.00	-3.3X
LMHM	84.83	46	P	25	18.00	-0.1
PAS	85.09	54	eP	25	20.00	0.8
Z	20s	3.00um			5.7Msz	
			ePP	29	28.00	
			ePPP	30	52.00	
			eSKS	35	52.00	
			ePS	36	56.00	
			ePPS	37	28.00	
			eSS	41	16.00	
			eLg	47	36.00	
			eLR	51	16.00	
MWC	85.20	54	eP	25	20.00	0.6
WKTM	85.36	52	P	25	20.00	-0.6
WCN	85.45	49	P	25	20.00	-1.2
SBB	85.52	53	eP	25	21.00	-0.4
RVR	85.68	54	eP	25	21.00	-1.1
CWC	85.84	52	eP	25	24.00	0.9
VPEM	85.89	52	P	25	23.00	-0.4
PLM	85.91	55	eP	25	23.00	-0.6
CLC	86.03	52	eP	25	24.00	0.1
SDW	86.09	54	P	25	19.50	-4.8X
PGC	86.16	39	eP	25	24.00	-0.2
MNA	86.37	50	P	25	25.50	-0.2
GSC	86.50	53	eP	25	26.00	-0.3
PKI	86.73	299	iPd	25	28.90	1.0
	1.0s	50.00nm			5.7mb	
TPC	86.76	54	eP	25	27.00	-0.6
KKN	86.89	299	iPd	25	29.60	1.0
	1.0s	56.00nm			5.7mb	
DMN	87.00	299	iPd	25	30.40	1.3
	0.9s	84.00nm			6.0mb	

12d 06h

GLA	87.47	56	eP	25	31.00	0.0	AKU	125.66	2	iPKP	31	45.10	0.8	KBA	137.42	332	e(PKP)	32	02.00	-5.6X
BMN	87.65	48	P	25	30.00	-1.8		1.2s	62.50nm						1.3s	42.50nm				
	1.3s	33.16nm			5.5mb		UPP	126.07	341	iPKP	31	44.60	-0.7				i	32	08.80	
EUF	88.30	49	iP	25	35.00	-0.1	MTD	126.71	239	iPKPc	31	48.00	0.1				i	32	17.20	
	1.1s	12.34nm			5.1mb		NB2	126.97	345	PKP	31	47.00	-0.1				e	35	20.00	
PNT	88.76	39	eP	25	36.00	-0.8		1.2s	54.80nm								i	35	47.30	
WMC	89 26	315	Pc	25	40.00	0.6	REY	127.01	4	iPKP	31	48.60	1.7	MEM	137.44	341	PKPc	32	08.00	0.8
			PP	29	07.50		HFS	127.05	343	ePKP	31	46.30	-0.9	LJU	137.61	330	ePKP	32	09.20	1.5
			S	36	14.50			0.8s	8.10nm					UCC	137.79	342	PKPc	32	10.70	2.9X
			SS	42	20.00		BUL	127.43	234	PKP	31	49.70	0.4	VOY	137.93	331	ePKP	32	08.00	-0.4
NEW	90.01	41	P	26	00.00	17.3X	BHL	129.28	305	PKP	31	54.00	1.6				i	32	12.40	
Z	18s	4.50um			5.9Msz					S	35	17.00		WLF	138.21	340	PKP	32	11.50	2.9X
INK	90.20	19	eP	25	43.00	-0.1	SJG	129.55	76	ePKP	31	51.50	-1.7	TRI	138.22	330	ePKP	32	12.00	3.2X
KOD	90.26	280	eP	25	48.00	3.2X	ADI	129.83	304	PKP	31	55.00	1.6				iPP	35	04.00	
			eSKS	36	23.00		JER	130.15	302	ePKP	31	54.50	0.4				iPKS	35	48.00	
HYB	90.65	288	eP	25	46.50	0.3	CFR	130.53	321	ePKP	31	55.00	0.8				i	37	33.00	
DUG	90.84	49	P	25	46.00	-0.8	PRNI	130.61	300	ePKP	31	56.00	1.1				i	43	06.00	
MSU	90.91	51	P	25	47.50	0.1	BUC	132.18	321	ePKP	32	04.00	6.6X				eSKSP	45	18.00	
GBA	90.95	284	Pd	25	47.40	-0.2	KRA	132.21	331	ePKPc	31	58.80	1.5				ePPS	47	05.00	
LHD	91.01	41	iPd	25	48.00	0.6				i	32	01.20					iSS	53	16.00	
YKM	91.07	40	eP	25	49.70	2.0	CMP	132.37	323	ePKPc	32	01.00	3.2X				e	55	00.00	
LDM	91.21	41	iPd	25	48.70	0.4	JOS	132.94	329	ePKPd	32	02.60	3.9X				eSSS	58	54.00	
CLA	91.27	41	iPd	25	48.90	0.2		2.6s	195.00nm					DOU	138.33	342	PKP	32	11.10	2.2
RXF	91.45	40	iPd	25	50.00	0.6	VAO	133.23	137	ePKP	31	55.80	-4.4X				e	53	12.00	
HPI	91.49	46	P	25	50.00	0.1	CLO	133.79	324	ePKP	32	00.00	-0.5	CDF	138.88	338	PKP	32	02.80	-7.3X
LRM	92.44	44	eP	25	53.20	-1.0	HLW	133.81	301	ePKP	32	06.00	5.0X	CTI	138.97	332	ePKP	32	10.50	0.2
EDM	93.64	37	eP	25	59.00	-0.3				e	35	00.00		BSF	139.54	338	ePKP	32	04.20	-7.1X
BDW	93.79	47	P	25	57.00	-3.5X	ELO	134.23	352	ePKPc	32	02.30	1.3		1.1s	60.50nm				
1.0s	8.00nm				5.1mb			1.0s	36.00nm					HAU	139.56	339	ePKP	32	04.20	-7.0X
NDI	94 03	298	eP	26	01.50	-0.1	BRG	134.31	335	ePKP	32	01.20	-0.1		0.9s	26.20nm				
SES	94.39	40	eP	26	02.00	-0.8				i	32	05.20		ROF	139.63	338	ePKP	32	06.20	-5.1X
ALQ	94.66	55	eP	26	03.00	-1.6				i	34	49.50		DUI	140.67	325	e(PKP)	32	17.00	3.7X
1.0s	6.75nm				5.0mb					e$KP	35	38.00		ORO	140.90	335	ePKP	32	05.00	-8.8X
Z	20s	3.37um			5.8Msz		CLL	134.35	336	ePKP	32	02.00	0.7	FLN	140.95	345	ePKP	32	09.40	-4.2X
POO	95.25	288	iPd	26	09.00	1.6	CLL	134.35	336	iPKP	32	05.40	4.1X	LDF	141.02	345	ePKP	32	09.60	-4.2X
0.8s	44.78nm				6.0mb		Z	18s	2.00um				5.9Msz	MNS	141.14	328	ePKP	32	09.00	-5.2X
YKA	95.26	27	eP	26	05.10	-1.4				e$KP	35	34.00		GRC	141.28	341	iPKPc	32	10.30	-4.0X
YKC	95.32	27	eP	26	05.00	-1.7	SRO	134.51	329	iPKP	32	04.40	2.7X				i	32	19.80	
0.6s	11.00nm				5.5mb		N	18s	2.10um					GRR	141.39	346	ePKP	32	11.50	-2.9X
LTX	96.02	61	P	26	10.00	-0.9	E	16s	1.90um					SMF	141.60	340	ePKP	32	08.80	-6.1X
BOM	96.28	288	eP	26	19.00	7.0X				i	35	03.50			1.1s	40.00nm				
			eS	36	30.00		EAB	134.59	352	ePKP	32	02.00	0.4	AVF	141.63	340	ePKP	32	08.90	-6.0X
GOL	96.34	51	eP	26	12.90	0.6	PRU	134.72	334	ePKP	32	03.00	0.9	LPF	141.77	346	ePKP	32	12.10	-3.0X
0.7s	0.73nm				4.3mb	X	Z	16s	2.00um				5.9MszX		1.5s	168.30nm				
Z	18s	6.07um			6.1Msz		N	17s	1.00um					BGF	142.01	341	ePKP	32	10.20	-5.4X
GLD	96.46	51	P	26	00.00	-12.7X	E	17s	1.80um						1.2s	62.90nm				
Z	18s	6.90um			6.2Msz					e	34	47.50		TCF	142.45	341	ePKP	32	12.00	-4.4X
KSH	96.88	309	eP	26	14.00	-0.5	EAU	134.80	351	ePKPc	32	04.40	2.4X		1.3s	108.00nm				
MBC	97.40	13	eP	26	15.00	-1.0	WIT	135.33	342	ePKP	32	07.50	4.4X	MFF	142.86	344	ePKP	32	14.20	-2.9X
0.7s	10.00nm				5.5mb		MOX	135.42	337	ePKP	32	06.00	2.6X		1.0s	65.60nm				
JCT	99.51	61	eP	26	26.10	-0.4		1.4s	52.00nm					FRF	143.13	334	ePKP	32	06.90	-10.7X
2.0s	32.35nm				5.5mb		Z	18s	2.60um				6.0Msz		1.1s	106.10nm				
Z	18s	6.53um			6.2Msz		N	18s	1.90um					LRG	143.33	334	ePKP	32	08.00	-9.9X
FFC	100.51	36	ePdiff	26	29.00	-1.5	E	18s	1.60um						1.2s	132.60nm				
1.1s	10.00nm				5.3mb					ePP	34	42.00		LMR	143.37	334	ePKP	32	08.20	-9.8X
QUE	103.11	299	ePdiff	26	45.00	2.1X				eSS	52	45.00			1.0s	137.10nm				
TUL	103.42	56	Pdiff	26	27.00	-16.9X				eSSS	57	40.00		RJF	143.55	341	ePKP	32	14.30	-4.0X
Z	18s	16.70um			6.6Msz		SOP	135.47	330	ePKP	32	05.80	2.2	CAF	143.70	340	ePKP	32	13.40	-5.2X
MHI	109.64	305	ePKP	31	15.00	0.3	HOF	135.58	336	ePKP	32	04.60	0.9		1.2s	75.50nm				
DAG	114.54	1	iPKPc	31	21.70	-1.1	KHC	135.78	334	PKP	32	04.20	0.0	LPO	144.21	341	ePKP	32	15.10	-4.3X
0.5s	4.93nm							1.4s	88.00nm						1.2s	184.40nm				
		i	32	02.00			Z	17s	1.50um				5.8MszX	EPF	145.96	341	ePKP	32	18.50	-4.0X
		i	42	07.00			N	17s	1.30um					SOB1	146.60	127	ePKP	32	24.70	0.3
FRB	115.46	24	ePKP	31	24.00	-0.8	E	16s	0.90um						0.7s	94.50nm				
OTT	118.00	44	ePKP	31	29.00	-1.2				i	32	20.00					i	32	26.20	
0.7s	27.00nm									e	34	24.80					i	32	28.30	
MNT	119.40	44	ePKP	31	32.00	-0.9				e	35	02.50					i	32	30.00	
YJA	119.77	124	ePKPd	31	35.20	0.3	WTS	135.99	341	ePKP	32	07.50	3.1X	BNG	146.76	261	iPKPc	32	26.60	2.0
TAB	119.97	307	ePKP	31	36.00	1.6		1.2s	82.00nm						0.8s	36.70nm				
LPB	120.03	117	ePKP	31	18.00	-17.5X	VAY	136.00	319	ePKP	32	04.00	-0.8				i	32	31.60	
		i	31	35.00			WET	136.07	334	iPKPd	32	06.90	2.2				i	32	40.30	
ZOBO	120.12	116	ePKP	31	34.90	-0.9		1.4s	58.00nm								i	32	45.30	
1.1s	17.11nm						GRF	136.33	336	ePKP	32	07.00	1.8				i	32	49.80	
SCH	120 34	32	ePKP	31	33.00	-1.4		1.7s	153.00nm								i	32	55.30	
COH	121 38	118	PKPd	31	38.20	0.3	Z	21s	1.20um				5.6Msz	LGR	147.33	344	ePKP	32	29.00	4.3X
BHD	122 25	302	ePKP	31	42.00	3.3X	SKO	136 36	321	iPKP	32	06.00	0.5				ePP	35	53.50	
		e	33	18.00			Z	18s	1.57um				5.8Msz	EBR	147.87	339	ePKP	32	31.00	5.4X
MSL	122.76	306	ePKP	31	41.00	1.4	E	18s	1.43um					ITR	148.79	129	ePKP	32	27.70	-0.2
EVA	123 50	228	ePKP	31	44.00	2.4X				i	32	24.00					e	32	32.00	
BLF	123.92	223	ePKP	31	22.50	-19.8X				i	34	47.70					e	32	35.00	
0.8s	15.00nm									i	35	03.00					e	33	27.90	
VIR	124 11	225	e(PKP)	31	45.20	2.5X				i	35	43.00		PTO	149.90	351	PKP	32	26.00	-2.7X
1.0s	32.00nm						TNS	136.94	339	ePKPc	32	10.20	3.8X	TOL	150.16	344	ePKP	32	32.00	2.8X
SDV	124.57	87	ePKP	31	46.60	2.6X	BAO	137.22	128	e(PKP)	31	58.00	-10.0X				i	32	37.00	
TOV	125 51	86	ePKP	31	47.00	1.3	OHR	137 24	320	ePKP	32	06.30	-0.9				i	36	25.00	
RTB	125.66	303	ePKP	31	48.00	2.7X				e	35	42.30					iSS	49	10.00	
		e	34	10.00			ENN	137.33	341	ePKP	32	09.50	2.5X				iSSS	51	55.00	

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ALI   150.40 338 iPKP+ 32 35.50   6.0X
MTE   150.44 349 ePKP  32 31.00   1.3
                 i     32 37.50
MTH   152.18 351 ePKP  32 35.50   3.3X
                 i     32 42.00
AFC   152 44 341 ePKP  32 33.00   0.1
CRT   152.52 341 ePKP  32 33.50   0.7
MAL   153.19 342 ePKP  32 33.50  -0.2
                 i     32 41.50
                 iPP   36 26.00
SFS   153.94 345 ePKP  32 40.00   5.3X
                 e     33 01.00
                 e     38 02.00
TAF   154.25 337 iPKP  32 36.00   0.7
                 i     33 00.00
KIC   169.33 243 ePKP  32 51.70   0.8
                 e     34 03.70
      S.D. = 1.1  on 200 of 275 obs.

*  APR  12, 1985  06h 33m 24.70± 0.71s
   11.386 S ±10.1km  165.836 E ±16.7km
   DEPTH =  33.0km  (normal)
   4.9mb (  3 obs.)
 SANTA CRUZ ISLANDS                (184)

NOU    10.88 177 iPc   36 00.60  -0.6
RMQ    22.02 225 eP    38 17.00  -1.1
COO    23.07 212 eP    38 30.00   1.6
WB2    31.44 250 eP    39 43.70  -1.8
WRA    31.45 250 P     39 45.00  -0.6
       1.1s     6.90nm          4.4mb
CN2    66.08 329 Pd    44 10.40  -0.2
PSI    67.98 278 ePd   44 31.50   8.3X
       0.6s    11.60nm          5.2mb
BJI    68.80 321 P     44 27.00  -0.8
XAN    70.41 312 eP    44 38.00   0.1
KMI    71.37 301 eP    44 46.00   1.9
CHTO   72.44 294 e(P)  44 50.80   0.5
SPA    78.69 180 e(P)  45 26.80   1.7
GTA    79.36 314 P     45 30.70   1.5
COL    83 62  18 eP    45 50.00  -0.8
       0.8s     9.70nm          5.0mb
YKA    95.23  27 eP    46 45.80  -0.2
YKC    95.29  27 eP    46 45.00  -1.2
BNG   146.90 261 ePKPd 53 11.60   7.1X
       1.2s    10.60nm
      S.D. = 1.3  on  15 of  17 obs.

*  APR  12, 1985  07h 01m 10.07± 1.41s
   23.648 S ± 9.2km  177.675 W ±11.5km
   DEPTH = 261.7 ± 13.5 km
   5.1mb (  6 obs.)
 SOUTH OF FIJI ISLANDS             (171)

VUN     6 67 327 iP    02 47.00  -0.4
                eS    04 03.00
NDF     7.43 321 eP    02 57.80   0.9
AFI    11 18  31 P     03 33.00 -11.3X
                S     05 22.00
CRZ    13.65 216 P     04 19.00   4.3X
NOU    14.68 272 iPc   04 21.00  -6.3X
GNZ    15 39 193 P     04 34.00  -1.8
                S     07 12.00
TCW    18.77 199 P     05 06.40  -5.5X
                eS    08 24.00
MSZ    24.05 206 P     06 02.00  -1.1
COO    27 90 249 iPc   06 39.50   1.3
PMO    30.49 258 eP    07 02.00   1.0
       1.0s   190 00nm          5.7mb
CAN    31.11 240 eP    07 06.70   0.3
                e     10 25.50
YOU    31.40 243 eP    07 10.00   1.1
WAM    31 41 239 eP    07 10.10   1.2
CMS    33 17 248 eP    07 24.00  -0.1
CTA    33 61 269 iPd   07 28.20   0.2
CTAO   33.61 269 eP    07 29.00   1.0
       0.8s    61.70nm          5.3mb
TOO    34.38 238 eP    07 35.00   0.6
BFD    36 59 239 eP    07 53.00   0.0
ASPA   44.18 260 eP    08 55.00  -0.1
                ePcP  10 35.00
                eS    15 10.00
WB2    44.54 265 eP    08 57.20  -0.8
WRA    44.55 265 Pd    08 57.30  -0.7
       0.7s     9.00nm          4.2mb
KNA    50.79 269 eP    09 46.00  -0.3
SBA    54.77 184 eP    10 16.60   2.1

KLB    57.04 247 eP    10 30.00  -1.3
MBL    57.42 259 eP    10 32.00  -2.1
       0.5s    62.00nm          5.5mb
MRWA   58.97 249 eP    10 43.30  -1.3
NAU    60.94 256 eP    10 57.40  -0.7
SPA    66.49 180 iP    11 34.90   1.3
       1.0s    30.00nm          5.0mb
BMN    84.98  42 eP    13 18.00   0.7
ALQ    89.13  51 eP    13 37.20  -0.2
       0.9s     4.62nm          4.4mb
                e     14 36.00
COL    91.24  12 eP    13 45.00  -1.2
NB2   142.13 353 PKP   20 07.40  -4.8X
       0.7s     2.40nm
HFS   142.68 351 ePKP  20 08.70  -4.3X
       0.8s     5.90nm
     Z  17s     2.60um          6.1MszX
                LR    22 03.00
EKA   148.09   6 PKP   20 26.00   3.9X
       1.0s    12.00nm
KRA   150.26 337 ePKP  20 31.60   6.0X
KSP   150.77 342 iPKPd 20 32.60   6.2X
       0.9s    22.00nm
CLL   151.18 346 iPKPd 20 33.70   6.7X
       1.1s    27.00nm
                e     21 35.00
BRG   151.36 345 iPKP  20 34.00   6.7X
       0.8s    20.00nm
KHC   153.06 344 PKP   20 29.70  -0.1X
BNG   155.30 222 iPKPc 20 34.30   0.4X
       0.9s    10.40nm
                i     21 01.30
      S.D. = 1.1  on  27 of  40 obs.

%  APR  12, 1985  07h 24m 49.30± 0.86s
   60.649 N ± 6.3km    5.931 E ± 8.7km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                   (535)
      DUR 1.7 (BER).

ASK     0.40 246 ePg    24 57.50   0.0
                eSg    25 03.00
HYA     0.53  13 ePg    25 00.40   0.3
                eSg    25 07.70
SUE     0.70 306 ePg    25 02.70  -0.5
                iSg    25 13.10
ODD     0.79 152 iPg    25 04.10  -0.6
                eSg    25 13.80
KMY     1.48 194 iPn    25 16.70   0.7
                iSn    25 35.90
      S.D. = 0.8  on   5 of   5 obs.

?  APR  12, 1985  07h 50m 36.92± 0.74s
   13.910 N ±23.3km  145.171 E ±36.9km
   DEPTH =  76.8 ±  8.4 km
   4.4mb (  1 obs.)
 MARIANA ISLANDS                   (216)

GUMO    0.44 223 iPc    50 50.20   0.2
PJG     0.44 223 iPc    50 50.20   0.2
GUA     0.45 214 iPc    50 49.60  -0.5
                eS    51 00.00
WB2    35.29 198 eP    57 26.20  -0.3
WRA    35.29 198 Pd    57 25.90  -0.6
       0.9s     5.00nm          4.4mb
MBL    42.82 216 eP    58 30.00   0.9
INK    73.97  22 ePc   02 04.50  -0.9
YKA    82.44  27 eP    02 51.90   0.1
YKC    82.50  27 eP    02 51.50  -0.7
NEW    84.80  42 eP    03 06.50   2.3
JAS1   85.00  52 eP    03 05.80   0.4
EDM    85.72  36 eP    03 08.00  -0.7
CLC    87.72  54 eP    03 19.00   0.2
SBB    87.84  55 eP    03 20.00   0.6
GSC    88.48  54 eP    03 23.00   0.5
TPC    89.41  55 eP    03 24.00  -2.9
GLA    90.69  56 iP    03 33.80   1.0
KIC   143.98 302 ePKP  10 06.00  -0.2
      S.D. = 1.2  on  18 of  18 obs.

*  APR  12, 1985  10h 16m 04.78± 0.47s
   56.330 N ±10.7km  162.341 E ± 8.2km
   DEPTH =  33.0km  (normal)
   4.8mb ( 12 obs.)
 NEAR EAST COAST OF KAMCHATKA      (218)

COL    25.27  50 eP    21 28 00  -1.1

MAT    25.62 230 iPd   21 32.60   0.0
       0.7s    34.25nm          5.1mb
INK    30.55  41 eP    22 17.00   0.2
MBC    33.55  25 eP    22 43.00   0.1
BJI    34.07 261 eP    22 49.00   1.2
YKA    39.93  46 eP    23 37.30   0.4
YKC    39.99  46 eP    23 38.00   0.6
EDM    45.83  57 eP    24 24.50  -0.5
DAG    47.16   0 iPd   24 35.50   0.4
       0.6s     3.33nm          4.5mb
EUR    53.97  71 iP    25 30.00   2.4
       0.2s     7.82nm          5.4mb
FRB    54.01  25 eP    25 26.00  -1.2
KJF    54.86 338 eP    25 33.00  -0.6
SUF    56.50 338 iP    25 45.70   0.3
       0.6s     6.60nm          4.8mb
NUR    58.81 337 iP    26 02.50   0.9
       0.8s    17.60nm          5.2mb
KKN    60.29 276 eP    26 12.00  -0.5
       0.6s    16.00nm          5.3mb
PKI    60.39 276 eP    26 12.30  -1.0
       0.6s     8.00nm          5.0mb
NB2    60.78 344 P     26 15.20  -0.1
       1.0s     6.20nm          4.7mb
HFS    61.25 343 eP    26 18.10  -0.3
       0.5s     1.90nm          4.5mb
ALQ    62.36  68 eP    26 25.30  -1.1
       1.0s     3.25nm          4.4mb
JCT    69.30  66 eP    27 09.80  -0.8
       1.1s     6.96nm          4.6mb
KBA    73.74 338 iPc   27 38.50   1.4
       0.9s    10.00nm          4.8mb
POO    73.96 279 eP    28 00.00  21.4X
GBA    75.98 273 P     27 49.00  -1.1
WB2    79.57 207 eP    28 10.00   0.3
SPA   146.15 180 e(PKP)35 40.60   0.0
      S.D. = 0.9  on  24 of  25 obs.

*  APR  12, 1985  11h 28m 46.70± 1.04s
   44.610 N ± 5.9km  110.503 W ±13.6km
   DEPTH =  5.0km  (geophysicist)
 YELLOWSTONE NATIONAL PARK, WYO.  (459)
      ML 3.0 (NEIS), 3.2 (BUT).

IMW     0.78 204 eP    29 01.60  -0.9
SXM     1.62 342 ePn   29 16.10  -0.1
                ePg    29 17.60
TMI     1.66 219 eP    29 16.90   0.1
LRM     1.83 312 ePn   29 19.40   0.0
                ePg    29 20.40
BDW     1.95 159 eP    29 21.70   0.6
BUT     2.02 315 ePn   29 23.30   1.3
                ePg    29 25.10
                eSg    29 48.70
HPI     2.07 245 eP    29 23.00   0.2
HRY     2.30 337 ePn   29 24.70  -1.3
BMN     6.49 232 eP    30 39.00  13.7X
EDM     8.82 349 eP    31 27.50  29.7X
      S.D. = 1.0  on   8 of  10 obs

*  APR  12, 1985  12h 02m 10.22± 1.64s
   35.902 N ±11.7km  142.216 E ±12.0km
   DEPTH =  33.0 ± 13.1 km
   4.3mb (  3 obs.)
 OFF EAST COAST OF HONSHU, JAPAN   (229)

TSK     1.73 281 iPc   02 38.40  -0.1
KYS     1.83 248 eP    02 40.30   0.5
SRY     2.41 264 eP    02 40.30  -7.9X
DDR     2.45 273 eP    02 48.40  -0.5
OYM     2.47 260 eP    02 49.90   0.8
MAT     3.30 282 eP    03 01.00   0.2
                eS    03 40.00
MDJ    12.98 316 eP    05 32.00  17.2X
CN2    15.09 307 eP    05 53.80  11.3X
XAN    27.28 276 eP    07 52 20  -1.3
GYA    31.69 263 eP    08 32.80  -0.3
GTA    33.53 289 P     08 50 00   1.6
CHTO   41.66 258 eP    09 57.30   0.6
       1.0s     2.75nm          3.9mb
INK    55.11  27 eP    11 41.00   0.6
WB2    56.04 189 eP    11 48.00  -0.2
WRA    56.04 189 Pc    11 55.30   7.1X
       1.0s     4.40nm          4.4mb
MBC    57.43  16 eP    11 58.00   0.5
YKA    64.46  30 eP    12 45.60   0.3
YKC    64.52  30 eP    12 45.00  -0.7
```

12d 12h

NB2 75.48 338 P 13 46.00 -6.5X
0.9s 3.30nm 4.3mb
FRB 77.72 13 eP 14 05.00 0.1
S.D. = 0.7 on 15 of 20 obs.

% APR 12, 1985 12h 19m 43.04± 1.25s
32.930 S ± 7.2km 68.971 W ±19.3km
DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)

PTCv 1 13 19 iPd 20 02.30 -0.3
S 20 18.60
RTCB 1.45 6 ePd 20 06.90 -0.3
S 20 26.30
CFA 1.46 25 ePd 20 08.00 0.7
S 20 28.20
RTLL 1.65 15 ePd 20 10.30 0.1
S 20 33.20
RFA 1.88 167 ePc 20 13.60 0.0
S 20 44.70
TCA 4.04 68 ePc 20 44.00 -0.2
S 21 50.00
VCA 4.23 9 ePd 20 56.10 9.2X
S.D. = 0.5 on 6 of 7 obs.

• APR 12, 1985 12h 57m 56.96± 2.12s
32.364 S ± 9.2km 71.266 W ±25.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

PEL 0.92 148 iP 58 13.00 -0.6
iS 58 30.40
ZON 2.35 70 eP 58 39.00 5.0X
RFA 3.35 137 ePd 58 49.20 0.9
VCA 4 47 37 ePd 59 05.00 0.6
S 00 06.00
TCA 5.77 82 ePd 59 22.00 -0.6
S 00 32.90
ANT 8.66 5 eP 00 09.00 6.1X
ZOBO 16.28 11 eP 01 45.00 -0.3
S.D = 1.0 on 5 of 7 obs.

• APR 12, 1985 13h 07m 58.34± 0.78s
11.564 S ±12.2km 165.852 E ±13.9km
DEPTH = 33.0km (normal)
SANTA CRUZ ISLANDS (184)

HNR 6.18 289 eP 09 30.00 0.2
SVO 6.41 291 eP 09 32.00 -0.9
NOU 10.70 177 iPc 10 32.00 -0.5
MOM 20.60 296 eP 12 36.00 -1.4
CN2 66.24 329 P 18 44.40 -0.8
IPM 66.44 280 ePc 18 48.10 1.0
GYA 68.79 304 P 19 02.20 0.3
BJI 68.95 321 eP 19 02.50 0.1
XAN 70.55 312 Pc 19 12.40 0.1
KMI 71 48 301 eP 19 19.00 0.6
CD2 73.00 307 eP 19 28.00 0.9
GTA 79.49 314 P 20 05.10 1.5
COL 83 78 18 eP 20 24.00 -1.2
BNG 146.88 260 ePKPc 27 41.00 2.9X
1.0s 11.90nm
S.D = 1.0 on 13 of 14 obs.

APR 12, 1985 14h 34m 55.79± 0.24s
23 944 S ± 6 5km 60.553 W ± 3.9km
DEPTH = 24.8km (7 depth phases)
5.3mb (40 obs.) 4.4Msz (1 obs.)
PARAGUAY (126)
Felt at Asuncion.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 21C
Centroid Location:
Origin Time 14:35: 1.7 0.6
Lat 23.88S 0.14 Lon 60.39W 0.07
Dep 46.2 5.8 Half-duration 1.4
Moment Tensor, Scale 10**23 D-CM
Mrr= 4.01 0.43 Mtt= 1.91 0.78
Mff=-5.92 0.60 Mrt=-1.74 0.58
Mrf=-1.43 0.67 Mtf=-0.63 0.60
Principal Axes:
T Val= 5.07 Plg=62 Azm=169
N 1.15 27 11
P -6.22 9 276
Best Double Couple:Mo=5.6*10**23
NP1:Strike=338 Dip=43 Slip= 49

NP2: 208 59 121

YJA 4.89 290 iPc 36 10.20 0.2
ITB1 5.67 98 iPc 36 21.00 0.4
ITB 5.85 100 iPc 36 23.60 0.4
ITB7 5.93 103 iPc 36 24.60 0.3
CYA 6.50 225 ePc 35 39.80 -52.6X
TCA 8.19 205 ePc 36 49.90 -6.2X
VCA 8.36 234 ePd 36 54.20 -4.3X
S 38 07.00
CCH 8.37 320 Pc 37 00.10 1.3
0.7s 24.50nm 5.5mb
S 38 47.00
ANT 9.03 270 eP 37 06.00 -1.7
eS 38 50.00
LPB 10.22 315 iPc 37 24.00 -0.5
1.0s 500.00nm 6.8mb X
(S) 39 21.00
ZOBO 10.43 316 iP 37 26.40 -1.1
ZON 10.44 222 eP 37 30.00 2.9X
VAO 12.51 88 eP 37 52.50 -2.7
i 37 58.10
ARE 12.68 304 eP 37 54.00 -3.7X
BAO 14.42 57 P 38 18.00 -2.5
NNA 19.51 305 eP 39 23.50 -0.9
1.0s 32.00nm 4.6mb
SOB1 23.82 55 eP 40 09.20 1.3
e 40 17.70 30km
e 40 26.90
ITR 25.99 58 eP 40 29 90 1.3
PSO 29.83 325 eP 41 05.00 1.2
GUV 31.66 355 iPc 41 19.50 0.1
PRM 61.32 339 P 45 10.80 -0.8
KIC 62.19 68 eP 45 17.80 -0.1
HKT 63.40 326 eP 45 24.50 -1.0
BLA 63.64 342 P 45 26.50 -0.6
1.0s 20.00nm 5.2mb
JCT 65.92 323 eP 45 40.50 -1.5
0.9s 21.43nm 5.3mb
SPA 66.20 180 iPd 45 42.20 -1.3
1.0s 60.00nm 5.7mb
BHO 66.53 329 iP 45 44.60 -1.2
LTX 67.26 320 P 45 50.00 -0.6
0.8s 7 59nm 4.9mb
FVM 67.69 335 P 45 50.90 -2.2
0.6s 33.81nm 5.7mb
RLO 68.08 330 iP 45 54.50 -1.0
TUL 68.22 330 eP 45 55 00 -1.4
1.3s 50.60nm 5 5mb
Z 19s 0.20um 4.4Msz
MOT 68.45 320 eP 45 56.90 -1.3
MIM 69.29 354 P 46 02.80 0.1
RSNY 69.35 349 P 46 03.40 0.2
0.9s 50.42nm 5.6mb
MNT 70.13 350 eP 46 07.50 -0.4
ALQ 72.96 322 eP 46 25.00 -0.4
1.2s 37.89nm 5.3mb
e 46 34.00 29km
SBA 74 75 189 eP 46 29.50 -5.4X
e 08 17.10
GLD 75.84 326 P 46 42.80 0.9
1.5s 109.38nm 5.7mb
GOL 75.88 326 P 46 42.10 -0.1
1.2s 28.69nm 5.2mb
LHC 76.49 341 eP 46 43.00 -2.1
GLA 76.72 316 P 46 47.80 1.0
RMU 77.05 321 P 46 50.20 1.5
SEK 77.52 116 eP 46 51 50 -0.1
0.6s 18.67nm 5.3mb
RSSD 78.57 330 P 46 57.30 0.3
0.9s 21.43nm 5.2mb
BPI 78.62 114 eP 46 53.40 -4.3X
0.7s 19.18nm 5.2mb
SCH 78.62 356 ePc 46 57.00 0.3
EVA 79.37 114 e(P) 47 00.00 -1.8
MAW 79.65 161 eP 47 01.00 -1.3
RSON 80.02 339 P 47 03.80 -0.6
1.1s 67.44nm 5.6mb
MAL 80.26 43 eP 47 07.50 1.6
BDW 80.28 326 P 47 06.20 -0.1
1.1s 45.88nm 5.4mb
BUL 81 34 108 iPc 47 16.00 3.7X
0.7s 20.89nm 5.3mb
VAH 81.35 257 iP 47 13.70 1.6
0.8s 15 00nm 5.1mb
ipP 47 20 60 22km
TPT 81 43 257 iP 47 12.50 -0.1

0.8s 15.00nm 5.1mb
ipP 47 19.80 23km
EUR 81.58 320 iP 47 14.20 1.0
PMO 81.67 257 iP 47 15.40 1.6
0.8s 15.00nm 5.1mb
ipP 47 22.50 23km
BNG 81.87 81 iPc 47 15.50 0.6
1.4s 83.70nm 5.6mb
i 47 22.50 22km
MNA 82.23 318 eP 47 17.10 0.6
PRI 82.41 315 eP 47 18.00 0.6
LLA 82.87 315 eP 47 20.30 0.6
BMN 82.93 320 P 47 20.00 -0.1
1.1s 10.06nm 4.9mb
PRS 82.98 315 eP 47 21.00 0.8
JAS1 83.33 316 eP 47 22.40 0.4
MHC 83.75 315 eP 47 25.00 0.7
GCC 83.80 315 eP 47 24.70 0.4
MTD 85.23 106 iPc 47 33.00 0.9
MIN 85.51 318 eP 47 32.70 -0.4
FFC 86.03 337 iPc 47 35.20 0.1
1.1s 38.00nm 5.5mb
WDC 86.23 318 eP 47 35.10 -1.3
i 47 43.10 25km
SES 86.42 330 ePc 47 37.00 -0.2
1.0s 58.00nm 5.8mb
CLX 86.86 327 iPc 47 40.00 0.4
LHD 87.11 327 iPc 47 41.40 0.7
LDM 87.12 327 iPc 47 41.40 0.7
FHC 87.25 317 eP 47 42.70 1.3
RXF 87.30 327 iPc 47 42.40 0.8
YKM 87.58 327 iP 47 43.40 0.4
FRB 87.62 356 eP 47 42.00 -0.6
NEW 87.90 326 eP 47 44.00 -0.4
MFF 88.90 37 eP 47 49.90 0.8
1.1s 19.50nm 5.3mb
CAF 89.15 39 eP 47 51.10 0.7
1.1s 18.00nm 5.3mb
LPF 89.29 35 eP 47 51.10 0 2
1.2s 24.20nm 5.4mb
EDM 89.42 331 iPc 47 51.60 0.1
0.9s 271.00nm 6.5mb X
GRR 89.60 35 eP 47 52.40 0.0
1.0s 19.20nm 5.3mb
LSF 89.62 38 eP 47 50.00 -2.6
0.9s 10.60nm 5.1mb
PNT 89.85 326 ePc 47 54.00 0.4
0.8s 35.00nm 5.7mb
TCF 90.02 38 eP 47 54.50 0.0
0.9s 9.00nm 5.0mb
FLN 90.03 35 eP 47 54.60 0.2
1.1s 11.70nm 5.0mb
LDF 90.12 35 P 47 55.10 0.3
MZF 90.19 38 eP 47 55.60 0.4
1.2s 11.00nm 5.0mb
BGF 90.54 38 eP 47 57.30 0.5
1.0s 15.00nm 5.2mb
AVF 90.96 38 eP 47 59.30 0.6
SMF 91.15 38 eP 48 00.30 0 7
0.8s 11.20nm 5.3mb
SSF 91.20 38 eP 48 00.00 0.2
0.7s 7.00nm 5.1mb
LBF 91.42 38 eP 48 01.30 0.4
LOR 91.51 38 eP 48 01.50 0.2
0.8s 9.90nm 5.2mb
BSF 93.48 39 eP 48 10.70 0.2
CDF 94.97 38 eP 48 13.50 0.4
1.1s 11.70nm 5.2mb
YKC 96.15 338 eP 48 22.00 -0 2
0.8s 12.00nm 5.4mb
YKA 96.20 338 eP 48 22.90 0 4
INK 105.95 338 ePdiff 49 07.00 0.9
INK 105.95 338 ePKP 53 35.00 16.7X
ASPA 130.64 198 ePKP 54 06.00 -0.9
e 54 12.00
e 57 29.00
e 57 35.00
QUE 133.17 70 ePKP 54 12.50 0.8
WB2 134.02 200 ePKP 54 05.70 -7.7X
WRA 134.03 200 PKP 54 08.00 -5.4X
0.5s 0.80nm
GBA 139.05 97 PKPd 54 22.60 -0.3
1.1s 27.80nm
HYB 141.30 92 ePKP 54 20.00 -6.9X
NDI 141.99 74 ePKP 54 21.00 -6.9X
WMO 147.31 45 PKP 54 36.00 -0.4
TRT 147.85 167 iPKPd 54 41.20 3.2X

	0.8s	61.50nm				
DMN	148.92	76	ePKP	54	38.50	-1.2
	1.1s	45.00nm				
KKN	149.08	76	ePKP	54	39.40	-0.5
	1.1s	49.00nm				
PKI	149.19	76	ePKP	54	39.70	-0.6
	1.1s	34.00nm				
AAI	151.25	198	ePKPd	54	42.90	-0.4
GTA	157.34	42	PKP	54	51.40	0.3
			e	55	23.80	
CN2	159.59	347	ePKP	54	53.00	-0.3
			e	55	30.00	
			ePKP	55	41.00	
			ePP	59	10.50	
HHC	161.89	20	ePKP	54	57.80	1.9
CD2	164.45	60	ePKP	54	59.20	0.6
			e	55	54.40	
KMI	164.75	82	ePKP	55	00.00	0.7
XAN	166.37	40	PKP	55	00.50	0.4
			e	56	02.00	
TIA	167.61	9	ePKP	55	02.00	1.1
			e	56	07.30	

S.D. = 1.0 on 107 of 121 obs.

APR 12, 1985 14h 55m 43.87± 0.61s
1.465 N ± 4.9km 98.964 E ± 5.6km
DEPTH = 124.3 ± 5.7 km
4.9mb (13 obs.)
NORTHERN SUMATERA (706)

PSI	1.22	358	iPc	56	08.20	-0.6
			i(S)	56	20.00	
TSI	2.06	349	ePd	56	18.90	0.2
			e(S)	56	42.00	
PPI	2.39	143	ePd	56	24.50	1.6
			e(S)	56	43.50	
KLM	3.13	59	iPc	56	32.90	0.2
	0.4s	36.90nm				
			i	57	04.50	
IPM	3.72	34	iPc	56	40.80	0.2
			i	57	06.00	
			iS	57	22.70	
			i	58	06.00	
KGM	4.39	83	iPc	56	50.00	0.4
	0.9s	678.10nm				
			i	57	39.00	
BSI	5.41	318	iPd	57	01.00	-2.5
			iS	57	56.50	
CHTO	17.24	360	iPd	59	37.80	-0.7
	0.9s	25.58nm	4.5mb			
KKM	17.80	75	ePd	59	46.00	0.5
	1 2s	84.50nm	4.9mb			
OIZ	20.45	31	eP	00	15.80	2.2
KOD	23.07	293	eP	00	43.00	3.3X
KMI	23.80	9	eP	00	48.50	1.8
GBA	24.48	301	Pd	00	53.90	1.0
	0.9s	62.20nm	5.1mb			
SHL	24.91	345	iP	00	58.00	0.8
HYB	25.57	310	ePd	01	03.50	0.4
	0.8s	32.30nm	4.9mb			
BAG	25.96	54	eP	01	07.00	0.2
DAV	27.11	77	eP	01	19.00	1.8
NAU	28.80	147	eP	01	32.40	0.1
PKI	29.03	335	eP	01	34.40	-0.3
	0.8s	19.00nm	4.8mb			
LSA	29.05	346	P	01	35.80	0.8
DMN	29.19	334	eP	01	35.90	-0.2
	0.8s	19.00nm	4.8mb			
KKN	29.27	335	eP	01	36.40	-0.4
CD2	29.63	8	eP	01	37.40	-2.3
AAI	29.66	100	ePd	01	38.50	-1.6
POO	29.91	306	iPd	01	43.00	0.7
MBL	30.37	139	iPd	01	44.60	-1.6
MEK	33.71	147	iPd	02	15.20	-0.1
XAN	33.72	15	Pc	02	13.50	-1.8
KNA	34.06	121	eP	02	15.00	-3.4X
NDI	34.11	325	eP	02	18.00	-0.7
MRWA	34.59	153	eP	02	23.00	0.2
MUN	37.06	155	iPc	02	44.80	1.2
GTA	37.77	1	Pd	02	50.10	0.5
			PcP	05	05.50	
			ScP	08	42.30	
			ScS	12	48.00	
NWAO	38.31	155	eP	02	55.00	0.9
KLG	38.56	148	iPc	02	56.20	0.0
	0.4s	11.00nm	5.0mb			
WRA	40.69	123	Pc	03	12.20	-1.7
	0.9s	64	10nm		5.4mb	
WB2	40.70	123	iPc	03	12.20	-1.8
QUE	41.70	316	eP	03	22.00	-0.2
WMO	43.35	348	eP	03	36.40	1.1
SNY	45.88	26	eP	03	55.50	0.1
CN2	48.29	26	iPd	04	14.20	0.0
			PcP	05	38.60	
MHI	50.33	318	eP	04	29.00	-1.1
MDJ	50.79	28	Pc	04	33.70	0.3
CTAO	51.05	117	eP	04	35.00	-0.7
	0.9s	19.03nm	5.0mb			
CMS	55.20	131	eP	05	05.00	-1.2
	0.9s	11.00nm	4.8mb			
RMO	55.45	124	eP	05	08.00	-0.1
YOU	58.38	132	eP	05	27.90	-0.8
			i	05	33.00	
CAN	59.30	133	eP	05	34.40	-0.6
			i	05	39.50	
COO	59.54	127	eP	05	37.00	0.2
WAM	59.62	134	eP	05	41.70	4.6X
MTD	68.84	251	eP	06	38.00	0.6
			i	07	03.00	
BUL	72.11	248	eP	06	59.00	1.8
BNG	80.34	274	ePd	07	43.50	0.1
	1.0s	7.90nm	4.4mb			
KJF	80.59	335	eP	07	48.00	4.4X
			e	08	09.00	
SUF	80.87	334	eP	07	45.00	-0.1
NUR	81.04	331	eP	07	46.00	0.0
			e	08	11.00	
SOD	81.91	338	eP	07	50.00	-0.4
			i	08	16.80	
HFS	86.37	330	eP	08	13.80	0.8
	0.4s	5.20nm	4.8mb			
DAG	94.73	348	iPc	08	51.50	-0.3
	0.3s	3.90nm	5.3mb			
INK	101.71	18	ePdiff	09	24.00	0.7
EUR	128.18	34	iPKP	14	38.20	0.5
	1.0s	3.46nm				

S.D. = 1.1 on 57 of 61 obs.

APR 12, 1985 16h 12m 10.41± 0.32s
35.582 N ± 4.9km 140.053 E ± 4.4km
DEPTH = 74.4 ± 2.7 km
4.6mb (12 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Yokohama and (I JMA) at Tokyo, Toteyama and on Oshima.

TDK	0.26	294	iPd	12	22.30	0.4
			iS	12	30.40	
YOK	0.36	246	iPd	12	23.40	0.8
			iS	12	33.00	
KYS	0.39	168	iPc	12	22.80	-0.1
TAT	0.62	194	iPd	12	25.40	0.5
			S	12	36.20	
TSK	0.63	4	iPd	12	23.70	-1.4
SRY	0.64	273	eP	12	22.80	-2.3
CHO	0.66	77	Pd	12	25.00	-0.4
			S	12	36.00	
OYM	0.68	256	iPd	12	25.90	0.2
KMG	0.78	316	iPc	12	27.20	0.5
			eS	12	39.00	
DDR	0.81	301	iPc	12	27.30	0.1
MIT	0.86	23	eP	12	27.00	-0.7
			iS	12	38.50	
AJI	0.95	236	iPd	12	28.90	0.2
			iS	12	42.20	
UTS	0.97	351	iPc	12	28.00	-1.0
			iS	12	40.10	
OSH	0.99	214	iPd	12	29.00	-0.2
			iS	12	41.60	
MIS	1.03	243	eP	12	30.00	0.3
			iS	12	44.40	
MAE	1.14	316	eP	12	31.00	-0.2
			S	12	46.20	
KOF	1.22	274	eP	12	33.00	0.8
			S	12	48.50	
SHZ	1.48	246	eP	12	37.00	1.4
			iS	12	56.60	
MAT	1.77	303	iPc	12	40.20	0.5
			eS	13	03.00	
IID	1.81	268	eP	12	53.00	12.8X
			S	13	03.80	
FKS	2.20	9	eP	12	46.00	0.6
			eS	13	13.00	
MDJ	12.06	322	eP	15	03.20	2.2
CN2	13.91	311	Pc	15	28.60	3.3X
			pP	15	35.60	
SNY	14.29	301	eP	15	35.00	4.7X
TIA	18.58	279	eP	16	20.20	-3.9X
BJI	19.37	290	eP	16	32.00	-0.7
HHC	22.94	292	eP	17	11.00	2.1
XAN	25.56	276	eP	17	33.00	-0.9
GYA	29.91	262	P	18	12.00	-1.5
GTA	31.97	289	P	15	31.60	0.1
WMO	40.53	298	eP	19	45.00	1.2
PKI	46.73	276	eP	20	34.00	-0.3
	0.7s	8.00nm	4.8mb			
KKN	46.75	276	eP	20	34.10	-0.2
	0.8s	15.00nm	5.0mb			
DMN	46.96	276	eP	20	36.10	0.1
TTA	47.23	34	P	20	36.00	-1.5
COL	50.91	32	eP	21	05.00	-0.6
FBA	50.91	32	P	21	05.00	-0.6
NDI	52.87	281	eP	21	20.00	-0.8
WB2	55.48	187	iPd	21	38.20	-1.6
INK	56.19	27	eP	21	44.00	-0.4
MBC	58.22	16	eP	21	58.00	-0.7
MBL	59.60	202	iPd	22	07.80	-0.9
GBA	60.01	265	P	22	11.00	-0.7
YKA	65.61	29	eP	22	48.40	0.2
YKC	65.67	29	eP	22	48.00	-0.5
SOD	65.87	337	iP	22	49.00	-0.8
DAG	67.13	355	iPc	22	56.70	-0.9
	0.4s	5.93nm	4.9mb			
KJF	67.34	334	iP	22	59.00	-0.1
	0.6s	20.90nm	5.2mb			
SUF	68.78	333	iP	23	07.00	-1.1
	0.5s	3.60nm	4.6mb			
NUR	70.71	332	iP	23	19.90	0.1
MFW	72.50	46	P	23	31.80	1.0
UPP	73.77	334	iP	23	36.50	-1.4
HFS	74.95	335	eP	23	44.10	-0.7
	0.6s	2.30nm	4.3mb			
NB2	75.09	337	P	23	45.20	-0.5
	0.9s	6.30nm	4.5mb			
FFC	75.52	32	eP	23	48.00	-0.1
	0.8s	6.00nm	4.6mb			
LRM	75.95	43	eP	23	51.90	0.8
BMN	76.28	50	eP	23	54.20	1.3
	0.8s	3.68nm	4.4mb			
HPI	76.85	45	P	23	57.80	1.6
EUR	77.61	50	iP	24	02.10	1.7
	1.0s	7.69nm	4.6mb			
FRB	78.43	13	eP	24	04.00	-0.1
DUG	79.14	48	P	24	09.50	0.9
BDW	79.46	45	P	24	10.50	0.1
	0.8s	2.92nm	4.3mb			
SDW	79.76	55	P	24	10.00	-2.6
MSU	80.56	49	P	24	18.00	1.7
CLL	81.80	330	e(P)	24	22.00	-0.2
			e	24	40.00	
GLA	82.19	55	P	24	25.50	0.8
KHC	83.20	328	P	24	30.20	0.6
VAY	84.39	318	eP	24	36.40	0.7
ALO	86.37	49	eP	24	47.00	1.1
	1.0s	5.00nm	4.5mb			
			e	25	05.00	
LTX	91.88	52	P	25	13.00	1.1

S.D. = 1.0 on 66 of 70 obs.

• APR 12, 1985 16h 27m 20.71± 0.88s
15.633 S ±20.6km 71.754 W ±14.2km
DEPTH = 166.3 ± 10.7 km
SOUTHERN PERU (117)

ARE	0.86	163	iPc	27	47.00	0.3
			iS	28	11.50	
ZOBO	3.55	101	iPd	28	17.00	0.2
			eS	28	59.30	
LPB	3.63	105	iPc	28	18.00	0.3
	0.9s	134.45nm				
CCH	5.66	109	iP	28	44.50	0.3
			(S)	29	50.00	
NNA	6.13	306	iP	28	49.00	-1.2
	0.7s	69.86nm	5.0mb			
			eS	29	55.00	
YJA	8.79	139	ePd	29	26.20	0.2
ITB1	18.59	122	Pd	31	27.70	-0.1
ITB7	18.97	123	e(P)	31	30.70	-1.2
ITR	33.25	82	e(P)	33	43.00	-1.3
YKA	84.79	342	eP	39	39.40	2.4

12d 16h

GBA 150.13 90 PKPc 46 55.90 7.3X
0.6s 7.70nm
S.D. = 1.3 on 10 of 11 obs.

? APR 12, 1985 16h 57m 38.97± 2.23s
3.462 N ±18.6km 95.519 E ±23.7km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
OFF W COAST OF NORTHERN SUMATERA(705)

BSI 2.03 354 iPd 58 11.00 -0.6
iS 58 33.50
TSI 3.04 89 ePd 58 26.90 1.0
PSI 3.48 103 iPd 58 33.80 1.6
IPM 5.60 78 ePd 58 59.60 -2.6
i(S) 59 58.90
CHTO 15.62 12 e(P) 01 19.80 1.4
i 01 31.30
WRA 44.66 123 P 05 51.00 0.3
0.7s 1.20nm 3.9mb
WB2 44.67 123 eP 05 49.70 -1.1
S.D. = 1.9 on 7 of 7 obs.

APR 12, 1985 20h 58m 41.12± 0.51s
22.466 S ± 5.4km 66.849 W ± 7.2km
DEPTH = 199.4 ± 6.2 km
5.0mb (7 obs.)
JUJUY PROVINCE, ARGENTINA (128)

YJA 1.28 77 iPd 59 14.10 0.4
SLA 2.57 151 iPc 59 27.80 1.5
S 00 01.80
ANT 3.51 249 iPc 59 35.70 -1.6
iS 00 12.50
FSA 3.68 168 iPc 59 41.00 1.6
CCH 5.10 8 Pc 59 58.00 0.2
(S) 00 55.00
LPB 6.02 348 iPc 00 10.40 0.6
0.8s 223.88nm 5.4mb
i 01 21.60
CYA 6.03 171 iPd 59 21.50 -48.0X
ZOBO 6.28 349 iPd 00 13.80 0.5
VCA 6.37 191 ePd 00 13.20 -0.8
S 01 24.00
TCA 9.06 168 ePd 00 47.50 -1.7
S 02 25.10
CFA 9.19 187 ePd 00 48.00 -2.8
MDZ 10.53 189 i(P) 01 07.90 -0.3
PEL 11.16 197 eP 01 16.50 0.1
ITB1 11.63 103 e(P) 01 23.80 1.5
ITB 11.82 104 e(P) 01 27.20 2.5
ITB7 11.90 105 e(P) 01 33.10 7.3X
VAO 18.35 95 eP 02 42.40 -0.9
BAO 19.07 72 iP 02 50.30 -0.5
SOB1 28.17 66 ePc 04 15.10 -2.1
0.6s 24.30nm 5.1mb
ITR 30.50 68 eP 04 35.10 -2.6
e 04 52.60
CAR 32.77 360 eP 04 57.00 -0.5
BIM 37.19 9 eP 05 33.41 -1.4
MVM 37.25 10 eP 05 34.19 -1.1
FDF 37.39 9 eP 05 34.95 -1.5
CPM 37.44 9 eP 05 35.95 -0.9
JCT 61.42 328 iP 08 38.00 -0.5
0.9s 21.43nm 4.9mb
LTX 62.52 324 P 08 45.30 -0.6
KIC 67.15 72 eP 09 14.30 -1.5
SPA 67.67 180 iP 09 19.90 1.4
0.9s 17.73nm 4.8mb
ALQ 68 36 326 iPd 09 23 50 0 4
0.9s 15.13nm 4.7mb
GLA 71.71 319 P 09 44.00 0.7
MSU 74.06 325 P 09 58.30 1.2
SDW 74 14 319 P 09 58 70 1 2
VPEM 75.49 319 P 10 06 00 0.8
BMN 78.18 323 P 10 20 00 0 1
HPI 78.33 328 P 10 22.00 1.1
ORV 80.05 320 P 10 31.00 1.2
BUL 87.29 111 iPc 11 08 40 1.5
0.6s 24.33nm 5 2mb
i 16 51.30
BNG 87.43 84 iPc 11 08.10 0.5
1.0s 15.80nm 4.8mb
MTD 91 20 109 eP 11 28.00 2.8X
YKA 92.74 340 eP 11 32.30 1.2
WB2 133.04 208 ePKP 17 35.10 0 1
WRA 133.04 208 PKPd 17 36 10 1 1
0.6s 3.70nm
NDI 147.09 72 ePKP 18 03 00 3.1X
HYB 147.14 92 ePKP 18 03.90 3.6X
HYB 147.14 92 iPKPc 18 10.00 9.7X
0.6s 30.00nm
MAT 154.17 308 ePKP 18 18.00 7.8X
S.D. = 1.3 on 40 of 47 obs.

• APR 12, 1985 21h 05m 08.14± 2.14s
5.987 S ±12.3km 105.575 E ±12.9km
DEPTH = 66.5 ± 18.4 km
5.1mb (8 obs.)
SUNDA STRAIT (276)

TRT 7.21 104 ePc 06 47.00 -6.3X
PPI 7.54 317 eP 06 58.30 0.5
KGM 8.26 344 ePc 07 08.00 0.3
PSI 10.88 322 eP 07 44.00 0.5
1.1s 45.30nm 5.4mb
DAV 23.81 57 eP 10 20.00 4.0X
1.4s 558.14nm 5.8mb
eS 14 48.00
KNA 24.73 115 eP 10 15.00 -9.9X
CHTO 25.49 345 eP 10 30.80 -1.2
1.0s 5.00nm 4.0mb X
BAG 26.75 34 eP 10 45.00 1.2
KMI 31.04 355 eP 11 23.00 0.8
N 11s 2.20um
eS 17 07.00
WRA 31.20 119 P 11 14.00 -9.5X
0.7s 1.50nm 3.9mb X
WB2 31.21 119 eP 11 21.50 -2.1
GYA 32.27 2 P 11 34.60 1.8
ASPA 32.42 126 eP 11 34.00 -0.2
1.2s 21.00nm 4.8mb
GBA 34.05 305 P 11 47.00 -1.2
HYB 35.40 312 eP 12 02.00 2.1
CD2 36.73 357 P 12 10.70 -0.1
PKI 38.64 331 eP 12 27.80 0.5
0.6s 4.00nm 4.5mb
DMN 38.82 330 eP 12 26.00 -2.7
1.0s 23.00nm 5.0mb
KKN 38.88 331 eP 12 26.30 -2.9
1.0s 26.00nm 5.1mb
POO 39.65 309 iPd 12 36.00 0.5
XAN 39.93 4 eP 12 37.20 -0.4
NDI 43.98 323 eP 13 07.00 -3.7X
GTA 45.48 354 P 13 23.00 0.3
BJI 46.83 11 P 13 34.00 0.9
YOU 48.52 131 eP 13 46.10 -0.5
CAN 49.43 132 eP 13 55.30 1.7
WAM 49.73 133 eP 14 00.00 4.2X
QUE 51.61 316 eP 14 08.88 -1.5
WMQ 52.14 344 P 14 13.00 -1.0
CN2 52.71 18 Pc 14 15.80 -2.4
MHI 60.25 318 eP 15 11.00 -1.1
TAB 70.26 314 eP 16 16.00 -0.6
SBA 78.30 169 eP 16 44.70 -17.4X
SPA 84.05 180 e(P) 17 32.50 -0.2
VRI 86.54 317 eP 17 47.00 1.8
MLR 87.00 316 eP 17 50.00 2.4X
BNG 87.51 275 iPKPd 17 40.10 -10.5X
1.2s 10 60nm
17 51.10
KJF 90.09 335 iP 18 02.20 0.5
0.9s 20 30nm 5.4mb
SUF 90.45 333 eP 18 05.00 1.6
NUR 90.71 331 eP 18 06.00 1.4
HFS 96.09 330 eP 18 30.30 1.0
0.7s 3.10nm 4.9mb
YKA 116.40 20 ePKP 23 48 00 2.5X
YKC 116.45 20 ePKP 23 46.50 0.9
1 0s 9.00nm
ALQ 138.74 41 ePKP 24 31.50 2.2X
HKT 148.78 38 ePKP 24 51.50 5.4X
S.D = 1.4 on 33 of 45 obs.

• APR 12, 1985 21h 53m 53.04± 1.29s
44.911 N ±26.2km 150.678 E ±15.6km
DEPTH = 33 0km (normal)
4 7mb (6 obs.)
KURIL ISLANDS REGION (222)

MDJ 14.98 276 eP 57 23 00 -1.0
CN2 18.06 275 P 58 01 80 -1.1
BJI 25.79 271 eP 59 24.00 1.6
TIA 26.78 263 eP 59 31.70 0 1
XAN 33.67 266 Pd 00 32.00 -0.9
GTA 37.59 280 P 01 06.60 0.3
COL 38.66 37 eP 01 14.00 -0.7
CD2 39.03 265 P 01 18.40 0.1
GYA 39.65 257 P 01 23.40 -0.2
KMI 43.23 259 eP 01 52.50 -0.5
INK 44.12 31 eP 01 59.50 0.1
MBC 46.90 19 eP 02 21.00 -0.5
CHTO 50.03 256 eP 02 46.30 -0.1
1.0s 3.00nm 4.3mb
YKA 53.41 35 eP 03 11.80 0.5
MHI 66.24 298 eP 04 42.00 2.0
FRB 67.33 18 eP 04 45.00 -1.3
NB2 69.40 340 P 04 57.80 -1.5
0.8s 2.70nm 4.4mb
SPC 76.78 329 eP 05 45.00 2.1
CLL 77.41 334 iP 05 45.40 -0.6
1.0s 24.00nm 5.2mb
i 05 52.00
PRU 78.07 333 eP 05 49.50 -0.2
WTS 78.57 338 eP 05 53.00 0.6
1.0s 13.00nm 4.9mb
KHC 79.13 333 eP 05 51.00 -4.6X
1.0s 10.50nm 4.8mb
e 05 56.10
KBA 81.00 332 iPc 06 07.00 1.2
0.8s 7.10nm 4.7mb
S.D. = 1.1 on 22 of 23 obs.

? APR 12, 1985 22h 25m 21.91± 1.18s
32.203 S ±13.2km 67.884 W ±10.3km
DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)

RTCV 0.65 301 iPd 25 36.30 1.6
S 25 49.30
RTLL 1.00 330 iPd 25 39.50 -0.2
S 25 55.40
RTCB 1.06 312 ePc 25 39.30 -1.2
S 25 54.60
MDZ 1.06 230 iP 25 40.30 -0.3
iS 25 55.60
TCA 2.93 74 iPd 26 07.50 0.1
S 26 43.70
S.D. = 1.5 on 5 of 5 obs.

? APR 12, 1985 22h 45m 28.52± 3.86s
34.005 S ±24.3km 72.308 W ±28.1km
DEPTH = 33.0km (normal)
3.3mb (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)

PEL 1.60 58 iP 45 54.40 -0.6
MDZ 3.10 70 i(P) 46 19.00 2.7X
RFA 3.27 105 ePc 46 18.70 0.0
e 46 24.40
(S) 47 10.00
RTCV 3.82 57 ePc 46 26.40 -0.1
(S) 47 20.30
RTCB 3.88 51 eP 46 28.20 0.8
S 47 22.70
ZON 3.92 52 eP 46 32.00 4.1X
RTLL 4.19 52 ePd 46 31.70 -0.1
i 46 37.00
S 47 27.30
VCA 6.31 35 e(P) 47 00.00 -1.9
TCA 7.03 70 ePc 47 07.80 -4.0X
S 48 35.80
SLA 10.99 34 eP 48 08.20 1.6
CCH 17.45 20 Pd 49 33.60 2.2
LPB 17.81 13 eP 49 35.00 -0.9
ZOBO 18.06 13 eP 49 38.20 -1.0
0.6s 1.45nm 3.3mb
S.D. = 1.4 on 10 of 13 obs.

? APR 13, 1985 00h 34m 20.25± 9.39s
33.555 S ±63.8km 72.953 W ±57.1km
DEPTH = 33.0km (normal)
3.5mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

PEL 1.94 78 iP 34 51.50 -0.1
MDZ 3.50 80 eP 35 17.30 3.5X
iS 35 55.00
RTCB 4.07 61 ePc 35 24.00 2.1X
(S) 36 07 80
RTCV 4.09 67 eP 35 24.20 2.1X

```
ZON      4.13   62 eP     35 26.00    3.4X
RTLL     4.39   61 eP     35 28.10    1.7
                 S       36 18.30
CFA      4.43   65 ePd    35 27.30    0.4
VCA      6.29   42 ePd    35 52.00   -1.3
                 S       36 59.20
TCA      7.41   75 ePd    36 07.90   -0.9
                 S       37 26.00
SLA     10.94   38 e(P)   37 13.00   15.2X
ZOBO    17.75   15 eP     38 27.50    0.3
        0.9s      3.24nm             3.5mb
     S.D. = 1.4   on   6 of  11 obs.

*  APR 13, 1985  00h 46m 51.29± 1.19s
   38.851 N ±10.5km   26.529 E ±10.1km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                          (365)

IZM      0.73  128 ePg    47 05.00   -0.7
                 iSg     47 19.00
EZN      0.99  351 iPn    47 09.10   -0.9
KGT      1.71   20 ePn    47 20.70   -0.5
DST      1.80   65 ePn    47 23.80    1.2
EDC      1.82   34 ePn    47 23.00    0.2
VAY      3.91  310 ePn    48 04.80   12.1X
OHR      4.95  299 ePn    48 08.10    0.6
     S.D. = 1.1   on   6 of   7 obs.

   APR 13, 1985  01h 06m 00.19± 0.11s
    9.245 S ± 3.1km   114.185 E ± 3.2km
   DEPTH =  98.9km  ( 12 depth phases)
   6.2mb ( 47 obs.)
 SOUTH OF BALI ISLAND                (284)
      Severol buildings damoged at
      Denposar, Boli. Felt strongly on
      Bali ond Lombok. Also felt in
      eostern Jovo. Possible locol
      tsunami observed olong the
      southern coost of Bali
      FAULT PLANE SOLUTION: P-Woves
       NP1:Strike= 33 Dip=56 Slip=  90
       NP2:       213      34       90
       Principol Axes:
        T                Plg=79  Azm=303
        P                  11       123
      Comment: The focol mechonism is
        moderotely well controlled and
        corresponds to reverse
        foulting. The preferred foult
        plone is NP2.
      MOMENT TENSOR SOLUTION
      Dep  87              No. of sto:  6
      Moment Tensor; Scole 10**24 d-cm
        Mrr= 3.69        Mtt= 4.60
        Mff=-8.29        Mrt= 4.63
        Mrf= 2.98        Mtf= 0.40
       Principol oxes:
        T  Vol=  9.10  Plg=43  Azm=349
        N       -0.08      43       197
        P       -9.03      14        93
      Best Double Couple:Mo=9.1*10**24
       NP1:Strike=142 Dip=49 Slip=  24
       NP2:       35      72       136
      CENTROID, MOMENT TENSOR      (HRV)
      Dato Used: GDSN
      L.P.B.: 14S, 26C
      Centroid Locotion:
      Origin Time        01:06: 1.2 0.2
      Lot  9.68S 0.03 Lon 114.49E 0.02
      Dep  71.1 1.9 Holf-duration  3.3
      Moment Tensor; Scole 10**24 D-CM
        Mrr= 4.91 0.15   Mtt= 1.43 0.32
        Mff=-6.35 0.33   Mrt= 5.50 0.16
        Mrf= 2.92 0.19   Mtf=-2.43 0.19
       Principol Axes:
        T  Vol=  9.00  Plg=55  Azm=354
        N       -0.36      28       216
        P       -8.64      20       115
      Best Double Couple:Mo=8.8*10**24
       NP1:Strike=167 Dip=35 Slip=  36
       NP2:       46      70       119

TRT      2.17  315 iPd    06 38.00    2.6
BKB      8.34   19 iPc    08 10.60   10.5X
        1.0s  1153.40nm
KUPT     9.33   96 eP     08 09.50   -4.1X
                 iS      09 48.70

NAU     13.28  175 eP     08 59.00   -7.1X
AAI     14.97   69 ePd    09 29.00    1.1
        1.2s  2941.20nm          6.4mb
KKM     15.32    8 ePc    09 33.50    1.1
        1.1s   644.80nm          5.8mb
                 e       09 39.00
KGM     15.57  315 ePd    09 35.00   -0.4
        1.0s  1080.40nm          6.0mb
                 i       09 39.80
                 e       12 38.50
KNA     15.63  116 eP     09 32.00   -4.2X
                 eS      12 17.00
PPI     16.27  302 ePc    09 41.20   -3.0X
        0.9s   532.40nm          5.8mb
                 e(S)    12 26.50
KLM     17.51  314 ePd    10 00.20    0.6
MEK     17.76  167 eP     10 01.00   -1.6
IPM     18.99  316 ePc    10 16.00   -0.9
                 e       10 41.00
                 e       11 35.90
PSI     19.29  307 ePc    10 16.50   -3.5X
DAV     19.80   35 ePd+   10 24.00   -1.3
                 iS      14 00.00
MRWA    19.94  175 eP     10 23.00   -3.7X
                 eS      13 45.00
TSI     20.07  308 ePd    10 26.90   -1.2
        0.8s  1272.80nm          6.3mb
BAL     21.38  174 eP     10 39.00   -2.3
                 eS      14 26.00
WRA     22.19  121 Pd     10 47.80   -1.6
        0.7s   183.10nm          5.5mb
WB2     22.20  121 iPd    10 48.00   -1.5
                 iS      14 45.80
KLG     22.48  163 eP     10 50.00   -2.1
                 e       11 06.00   70kmX
                 eS      14 45.00
KLB     22.48  172 iPc    10 51.00   -1.1
                 e       11 02.00   43kmX
                 eS      14 48.00
MUN     22.70  176 iPd    10 53.00   -1.2
                 eS      14 57.00
ASPA    23.68  130 iPd    11 03.30   -0.6
                 eS      15 11.00
NWAO    23.73  174 eP     11 03.00   -1.3
                 e       11 19.00   69kmX
                 eS      15 20.00
BSI     23.84  307 iPc    11 24.50   19.1X
MAN     24.71   16 eP     11 12.80   -0.9
RKG     24.84  174 iPc    11 19.20    4.4X
                 e       11 42.00  106km
                 eS      15 57.00
BAG     26.26   14 eP+    11 24.00   -4.3X
ISQ     26.98  118 iPd    11 33.40   -1.3
                 i       11 58.00  113kmX
                 eS      16 42.00
JAY     27.20   77 ePc    11 33.50   -3.2X
                 eS      16 11.00
SZP     27.34   13 iPc    11 39.00    1.2
CVP     27.82   16 ePc    11 43.50    1.3
QIZ     28.42  351 iPc    11 48.50    0.9
                 ePcP    14 58.00
                 eS      16 30.50
HKC     31.35  360 eP     12 13.80    0.3
                 eS      17 18.00
MDG     31.58   85 eP     12 15.00   -0.7
CHTO    31.67  332 iPc    12 16.90    0.5
GZH     32.14  359 iPc    12 20.00   -0.4
                 PP      13 34.00
                 S       17 27.50
PMG     32.53   93 iPc    12 23.00   -0.9
        1.0s   120.00nm          5.6mb
CTA     32.78  113 iPd    12 25.80   -0.3
                 iS      17 34.00
LMG     33.53   92 eP     12 32.50   -0.4
STK     33.96  135 ePd    12 35.20   -1.0
                 e       13 04.00  131kmX
                 eS      19 24.00
ADE     34.04  142 iPd    12 35.70   -1.2
        1.2s   312.50nm          6.0mb
QZH     34.25    7 iPc    12 37.00   -1.6
                 PP      14 04.00
                 S       17 57.00
KMI     35.93  342 iPc+   12 55.00    1.7
        3.0s     5.50nm          4 0mb X
     N  12s      3.30um
                 pP      13 26.00  138kmX
                 sP      13 43.00

                 PP      14 23.00
                 S       18 29.00
GYA     36.23  349 Pc     12 56.00    0.4
RMO     36.93  122 iPd    13 02.00    0.5
        1.0s   738.00nm          6.6mb
                 e       13 14.00   44kmX
                 e       13 27.00
                 e       14 25.00
BFD     37.82  142 eP     13 07.00   -1.8
                 e       13 33.00  114kmX
                 e       14 33.00
GUMO    37.98   54 eP     13 08.20   -2 6
PJG     37.98   54 eP     13 08 60   -1 6
GUA     37.98   54 eP     13 07 80   -2 5
                 eS      18 48.50
RAB     38.04   85 e(P)   13 12 00    1 .
WHN     39.56    0 iPd    13 24.00    0 8
                 PcP     15 29.50
                 iScP    19 10.50
                 iS      19 21.00
AGT     39.83  326 eP     13 26.00    0.5
TOO     39.91  140 iPd    13 26.90    0.8
        1.1s   479.00nm          6.2mb
                 e       13 51.00  104km
                 eS      19 27.00
YOU     40.04  134 iPd    13 27.50    0.3
                 iScP    19 12.20
MDR     40.36  303 iP     13 28.00   -2.0
                 iS      19 25.00
VIS     40.60  311 iP     13 32.00    0.1
BRS     40.61  122 iPd    13 33.40    1.4
                 i       14 00.00  116kmX
                 i       19 14.00
                 iS      19 37.00
SSE     40.67    9 Pc+    13 32.00   -0.3
        1.1s   363.00nm          6.1mb
     Z  12s      2.10um          5.2MszX
     N  12s      1.80um
                 PP      15 11.00
                 PcP     15 33.00
                 S       19 24.00
                 sS      19 36.00
                 ScS     23 30.00
SHL     40.85  328 iP     13 35.60    1 5
                 iS      19 36.00
CAN     41.01  135 iPd    13 35.26    0 6
                 iPcP    15 12.00
                 iScP    19 16.50
PAA     41.01   89 eP     13 36.00    0.4
COO     41.03  127 iPd    13 36.70    1.3
        1.0s   439.00nm          6.2mb
                 e       15 54.00
                 e       19 17.00
TRD     41.06  294 iP     13 34.60   -1 1
CD2     41.16  346 iPc    13 37.40    1.0
                 PP      15 23.00
                 PcS     19 24.50
                 S       19 42.50
NJ2     41.30    6 iPc    13 37.50    0.0
                 iPcP    15 36.00
                 eScP    19 16.00
                 iPcS    19 27.00
                 iS      19 46.00
WAM     41.38  136 iPd    13 37.90   -0.2
                 iPcP    15 12.40
                 iScP    19 47.80
TURI    41.66  327 iP     13 44.00    3.5X
                 eS      19 08.00
RIV     41.84  131 iPd    13 42.80    0 8
        1.2s  5062.50nm          7.2mb
                 eS      19 56.00
GBA     42.96  301 Pc     13 49.90   -1 4
        1.2s  1172.20nm          6 6mb
XAN     43.33  354 iPc    13 53.20   -0 9
                 ScP     19 26.00
                 iS      20 12.00
HYB     44 07  307 eP     14 00.00   -0.3
                 eS      20 22.00
TAU     44.31  145 iPc    14 02.50    0.6
                 i       14 26.30  101km
                 eS      20 30.00
LSA     44.62  331 iPc    14 06.10    1.0
SVO     45.02   94 eP     14 08.00    0 0
HNR     45.13   94 eP     14 08.00   -0 8
TIA     45.30    3 Pc     14 08.10   -1 6
                 PcP     15 47.80
                 ScP     19 31.60
```

13a 01h

			PcS	19	42.00		KRP	61.84	128	P	16	11.50	0.3	ISR	94.82	315	ePc	19	13.00	0.9
			S	20	42.00		NDF	61.86	105	eP	16	13.60	2.0	CGN	95.07	314	ePc	19	13.50	0.3
			esS	21	12.00		WEL	61.95	132	P	16	10.50	-1.4	BUC1	95.07	314	ePc	19	12.00	-1.2
			ScS	23	57.20					pP	16	36.50	105km	KDZ	95.20	311	iPc	19	13.00	-0.9
VAR	45	83	319 P	14	13.30	-0.8				S	24	20.00		MLR	95.29	315	iPc	19	15.00	0.6
PKI	46	00	324 iPc	14	15.50	-0.4	GNZ	63.89	128	P	16	24.00	-0.7	PVL	95.53	313	iPc	19	34.00	18.7X
LZH	46	13	348 iPc	14	17.00	0.5	AVY	64.86	253	ePc	16	31.30	-0.3	PLD	95.74	312	iPc	19	16.00	-0.3
	3.0s		9626.00nm			7.1mb	MAW	67.43	199	eP	16	46.00	-0.8	CMP	95.89	315	ePc	19	19.00	2.0
	E 12s		1.30um				KHI	68.03	312	iP+	16	50.00	-1.4	BNG	96.26	273	iPKPc	19	18.70	-0.6
			PcS	19	44.00		MHI	68.48	315	iPc	16	53.20	-0.9		1.1s		332.30nm			6.8mb
			S	20	54.00					eSn	25	43.00					i	19	27.70	28kmX
DMN	46	21	323 iPc	14	17.40	0.0	SHI	70.77	306	iP	17	12.00	3.8X				i	19	52.70	
KKN	46	24	324 iPc	14	17 40	-0.2	NPA	73.19	257	iPd	17	24.00	1.4	COZ	96.38	315	ePc	19	19.00	-0.4
TIY	46	74	358 P	14	19.60	-1.6				epP	17	47.00	88kmX	MMB	96.40	311	iPd	19	29.00	9.6X
			sP	14	47.50		SBA	73.56	170	eP	17	18.20	-5.4X	KJF	96.71	334	iPc	19	19.60	-0.6
			PP	16	18.00		ARO	73.87	285	iP+	17	27 20	0.6		1.0s		146.00nm			6.5mb
			S	21	02.00		TEH	74.08	311	ePc	17	28.00	0.4				i	19	51.00	120kmX
			ScS	24	07.00		KER	76.79	308	iPc	17	41.00	-2.0				iPP	23	01.50	
GDA	46	93	301 iP	14	21 50	-1.5	AAE	77.26	281	eP	17	48 00	1.9				eSKS	29	48.00	
KAD	47	53	304 iP	14	26.00	-1.7	TET	78.53	255	iPc	17	56.00	3.3X	VTS	96.90	312	iPc	19	22.00	0.5
			eS	21	15.00					ipP	18	20.00	91km	VAY	97.24	311	iP	19	22.00	-1.1
DL2	48.40		8 iPc	14	32.00	-2.0	BHD	78.56	307	eP	17	53.00	0.5	SUF	97.24	332	iPc	19	21.90	-0.7
			PcP	15	59 00					iS	27	36.00			0.7s		86.90nm			6.4mb
			ScP	19	44.00		TAB	78.72	312	iPc+	17	53.70	0.2	CLO	97.44	314	iPc	19	24.00	0.1
			PcS	19	52.50		SMY	79.97	32	eP	17	59.60	-0.1	SOD	97.52	337	iP	19	22.90	-0.9
			iS	21	22.50		MTD	80.35	254	iPc	18	03.00	0.4				iPP	23	20.30	
			ScS	24	15.00					ipP	18	31.00	108km	KEV	97.63	339	iPc	19	23.50	-0 8
PCO	48.43		305 iPc	14	35.00	0.3	MSL	80.52	309	iPd	18	03.60	0.5				iPP	23	22.80	
			iS	21	24.00					i	18	28.00	92km				eSKS	29	56.00	
BJI	49.07		2 Pc+	14	38.50	-0.6				ePP	21	08.00					ePS	32	08.00	
			PcP	16	01.00					eS	27	55.60		NUR	97.74	330	iPc	19	25.40	0.5
			ePP	16	33.00					eScS	28	12.40			0.8s		132.00nm			6.5mb
			S	21	35.00		SPA	80.82	180	eP	18	04.30	0.1	Z	24s		2.00um			5.5MszX
			esS	22	08.00			1.0s		36.50nm			5.2mb X				iPP	23	20.50	
			ScS	22	24.20					e	18	29.20	95km				LR	08	00.00	
BOM	49.46		305 iP	14	41.20	-1.3	EVA	81.59	244	iPc	18	10.20	1.1	TTA	98.06	28	P	19	26.60	0.2
			iS	21	33.40			1.0s		190.00nm			5.9mb		1.2s		174.24nm			6.5mb
BTO	49.74		356 iPc	14	44 00	-0.5	RTB	81.76	305	iPd	18	10 50	0.9	SKO	98.14	311	iP	19	26.00	-1.2
			PcP	16	03.50					i	18	35.00	93km				i	23	25.00	
			S	21	46.00					ePP	21	18 50		BRW	98.39	19	P	19	28.80	1.2
			ScS	24	25 00					eS	28	13.00		OHR	98.55	310	eP	19	27.90	-1.2
HHC	49	90	357 iPc	14	45.60	-0 1				e	28	45.00					e	23	29.00	
			PcP	16	05.60		SLR	82.38	245	iPc	18	13.30	0.1	IMA	99.25	24	eP	19	28.60	-3.3X
GTA	50.21		346 iPc	14	48.90	0 8		2 9s		2416 67nm			6 6mb	JOS	99.26	318	iPc	19	32.60	0.5
			pP	15	11.20	92km				i	18	43.20	116kmX		1.0s		39.80nm			6.0mb
			PcP	16	07.10		BPI	82.56	245	iPc	18	11.50	-2.6	SPC	99.49	318	iP	19	34.20	0.8
			S	21	55.00			0.8s		52.24nm			5.5mb				i	23	37.20	
OYM	50.33		27 eP	14	44.90	-4.1X	SEK	82.67	243	iPc	18	14.90	0.2	KDC	99.52	33	eP	19	32.60	-0.4
SRY	50.50		27 eP	14	46 20	-4.0X		0.7s		79 45nm			5.7mb	KRA	99.74	319	iPc	19	34.40	0.2
DDR	50.80		26 eP	14	49 00	-3.5X	BUL	82.75	251	iPc	18	16.00	0.9		1.5s		209.00nm			6.5mb
MAT	50.84		25 iPc	14	49 70	-3.1X				ipP	18	41.00	94km				e	19	38.20	12kmX
	1.5s		708.33nm			6.5mb				iS	28	26.00					e	19	45.70	
			eS	21	52.00		GRM	83.01	237	iPc	18	16.20	0.0	BUD	100.22	317	ePdiff	19	31.20	-5.3X
TSK	51.38		27 eP	14	52.10	-4.8X		0.6s		106.67nm			5.9mb	TRO	100.44	339	ePdiff	19	36.00	-0.9
SNY	51.55		9 eP	14	54.50	-3.5X	VIR	83.37	243	iPc	18	18.00	-0.2	SRO	100.72	317	iPdiff	19	38.70	0.0
			PcP	16	08.00			1.0s		120.00nm			5.8mb				i	23	41.20	
			PP	16	50.00					i	18	31.50	46kmX	UPP	101.23	329	iPdiff	19	40.20	-0 5
			PPP	18	00.00		BFS	83.58	244	iPc	18	19.50	0.2		1.1s		200.00nm			6.7mb
			iS	22	06.00			0.8s		171.64nm			6.0mb				i(PP)	22	54.20	
			ScS	24	38.90		BLF	83.83	242	iPc	18	21 00	0.4				iPP	23	45.10	
NOU	51.70		111 iPd	15	00.00	0.4		0.6s		32.14nm			5.4mb				i	23	54.90	
NOI	51.92		318 iP	14	58.50	-2.6	ADK	84.68	36	eP	18	23.60	-0.4	PMR	101.25	29	Pdiff	19	40.00	-0.7
			iS	22	11.00		PRNI	85.42	302	eP	18	30 00	1.7		1.4s		102.27nm			6.3mb
AJM	52.36		313 iP	15	02.00	-2.4	JER	85.58	303	iPd	18	29.00	-0.1	PME	101.30	29	ePdiff	19	40.10	-0.9
DDI	52.46		320 eP	15	03.00	-2.2	ADI	85.87	304	eP	18	32.50	2.1		1.2s		101.50nm			6.4mb
			eS	22	16.00		CSS	87.83	306	eP	18	40.80	0.9	ZST	101.54	317	iPdiff	19	42.00	-0.4
CN2	53.78		10 iPc	15	11.00	-3.5X	HLW	88.41	300	ePc	18	44.00	1.3				e	23	06.50	
			pP	15	30.00	75kmX	BCK	90.52	308	iP	18	51.30	-1.2				i	23	51.70	
			sP	15	39.00		ELL	90.92	307	iPc	18	54.00	-0.4				e	24	13.00	
			PcP	16	19.00		YLV	92.03	311	iPc	18	59.30	-0.1	COL	101.72	26	ePdiff	19	41.00	-1.8
			PP	17	12.00		YER	92.27	307	iP	18	59.50	-1.1	FBA	101.72	26	Pdiff	19	41.90	-0.9
			S	22	31.00		ISK	92.35	311	iPd	19	00.60	-0.1	SOP	101.90	317	ePdiff	19	43.50	-0.5
			ScS	24	50.00		DST	92.42	310	iPc	19	00.80	-0.4	VKA	102.07	317	ePdiff	19	44.00	-0.7
MSJ	55	39	13 iPc	15	24.40	-1 9	CTT	92.83	311	iPc	19	02.40	-0.6		1.8s		578.00nm			7.0mb
			iS	22	59.00		EDC	93.13	310	iPc	19	04.10	-0.3				iPP	23	54.50	
SAP	57	64	23 eP	15	40.00	-2.2	PPN	93.26	108	eP	19	13.00	7.6X	KSP	102.08	320	iPdiff	19	45.00	0.2
			eS	23	27.00			1.2s		60.00nm			5.8mb		1.1s		58.00nm			6.2mb
WMQ	58	03	338 iPc	15	44.50	-0.6	PSN	93.43	314	iPd	19	16.00	10.4X				iPP	23	51.00	
MSZ	58	10	137 Pd	15	45.70	0.2	TLB	93.69	314	ePc	19	02.00	-4.8X	HFS	103.19	330	iPdiff	19	49.30	-0.1
	1 3s		463.00nm			6 4mb	CFR	93.70	315	ePc	19	07.00	0.2		1.0s		123.60nm			6.7mb
			i	16	11.80	107km	EZN	94.21	309	iPc	19	09.10	-0.2	PRU	103.22	319	Pdiffc	19	50.20	0.4
QUE	59.97		313 Pc	15	57.00	-1.9	JMB	94.40	312	iPc	19	09.00	-1.2				PP	24	01.00	
			eS	24	23.50					S	22	52.00		LJU	103.29	315	ePdiff	19	50.30	0.1
KSH	60	03	326 eP	15	59 00	0 0	CLI	94.51	316	ePc	19	11.00	0.4				e	20	32.00	
			PP	18	14 00		BRD	94.52	315	eP	19	08 00	-2.7				e	23	14.30	
			iS	24	05 00		BRD	94.52	315	eP	19	13.00	2.3				e	24	04.40	
TCW	61.57		132 P	16	06.60	-2 8	VRI	94.80	316	iPc	19	12.00	0.1	BRG	103.57	320	iPdiff	19	51.50	0.1

	1.3s	68.00nm		6.4mb		AVF	110.93	317	ePKP	24	23.50	0.0				pP	26	43.00				
		e	20	08.50			1.0s		18.20nm					LRM	126.02	39	ePKPc	24	52.70	-0.2	
		iSKS	30	23.00		GRC	111.04	317	iPKPd	24	24.80	1.1		PAS	126.10	54	ePKP	24	54.00	1.0	
		ePKKP	35	54.10		BGF	111.31	316	iPKPc	24	24.60	0.4					e	26	45.00		
VOY	103.73	315 ePdiff	19	51.60	-0.7		1.0s		58.40nm					CLC	126.11	52	ePKP	24	54.00	0.9	
		e	23	15.60		MZF	111.54	316	iPKPc	24	24.80	0.1					e	26	44.00		
		i	23	56.00			1.0s		15.50nm					MWC	126.17	54	ePKP	24	54.00	0.6	
TRI	103.83	315 ePdiff	19	52.00	-0.6	TCF	111.79	316	iPKPc	24	25.50	0.3					e	26	46.00		
KHC	103.87	318 iPdiff	19	53.30	0.5		1.4s		60.50nm					EUR	126.20	47	iPKP	24	54.10	0.7	
	1.3s	18.00nm		5.8mb		CAF	112.11	315	iPKPc	24	26.50	0.7		SBB	126.24	54	ePKP	24	54.00	0.6	
		e	20	19.00			1.1s		32.70nm								e	26	46.00		
		e	22	51.00		LSF	112.26	316	iPKPc	24	25.90	-0.1		FFC	126.32	25	iPKPc	24	52.60	-0.2	
		e	23	52.80			1.0s		19.20nm						1.2s		19.00nm				
		e	24	08.00		RJF	112.43	315	iPKPc	24	27.00	0.6		RVR	126.78	54	ePKP	24	54.00	-0.3	
KBA	104.09	316 ePdiff	19	53.00	-1.0		1.1s		39.00nm								e	26	45.00		
	1.0s	7.00nm		5.6mb		ESY	112.49	327	ePKPc	24	26.00	-0.1		GSC	126.88	53	ePKP	24	55.00	0.4	
		ipP	20	34.30		LPO	112.77	315	iPKPc	24	27.80	0.7		PLM	127.36	55	ePKP	24	56.00	0.3	
		i	23	34.70			1.1s		34.10nm								e	26	53.00		
		i	24	02.10		ELO	112.90	328	ePKPc	24	36.80	9.9X		TPC	127.81	54	ePKP	24	52.00	-4.3X	
		iPP	24	07.80			0.6s		18.00nm								e	26	56.00		
		i	24	11.60		LDF	112.90	319	iPKPc	24	27.30	0.1		GLA	129.08	55	ePKP	25	01.00	2.2X	
		ipPP	24	42.30			1.0s		24.00nm								e	27	05.00		
CLL	104.15	321 iPdiff	19	53.90	0.0	EKA	112.96	327	Pdiffd	20	34.30	1.3					e	28	10.00		
	1.5s	51.00nm		6.2mb			1.2s		19.20nm					BDW	129.27	41	ePKP	24	59.20	0.1	
		ePP	24	04.00		FLN	113.10	319	iPKPc	24	27.80	0.3		RMU	130.74	48	ePKP	24	56.00	-6.0X	
		PKKP	36	10.00			0.9s		39.00nm					RSSD	132.01	37	ePKP	25	06.00	1.8	
NB2	104.32	331 Pdiff	19	54.10	-0.4	EAB	113.32	328	ePKPc	24	27.60	-0.1		RSON	132.57	24	ePKP	24	53.30	-11.5X	
	1.1s	51.50nm		6.4mb		MFF	113.33	317	iPKPc	24	28.20	0.1		GOL	133.53	43	PKP	25	08.50	1.2	
WET	104.33	318 iPdiff	19	55.10	0.3		0.9s		34.00nm					SCH	134.54	1	ePKPc	25	08.00	-0.4	
	1.4s	63.00nm		6.4mb		GRR	113.42	319	iPKPc	24	28.40	0.2		ALQ	134.94	49	ePKP	25	01.00	-9.1X	
MOX	105.06	320 iPdiff	19	58.50	0.5		0.9s		22.00nm						Z 22s		0.56um			5.2Msz	
	Z 45s	1.30um		5.1MszX		LPF	113.62	318	iPKPc	24	28.80	0.2					e	25	11.00		
	N 44s	0.90um					0.9s		49.70nm					LHC	136.25	23	ePKPc	25	12.10	0.3	
	E 50s	1.20um				EPF	113.65	313	ePKP	24	29.00	0.1			1.1s		119.00nm				
CTI	105.29	315 e(Pdif	19	59.00	-0.3		1.0s		12.00nm					MDZ	138.01	176	i(PKP)	25	17.30	1.5	
KONO	105.29	329 ePdiff	19	59.50	0.7	LGR	115.81	313	ePKP	24	31.50	-1.5		LTX	139.32	55	ePKP	25	11.00	-7.3X	
GRF	105.38	319 ePdiff	20	00.10	0.6	YKA	116.32	23	ePdiff	20	53.70	5.9X		TCA	139.63	182	ePKPc	25	10.40	-8.4X	
		e	23	29.00		YKA	116.32	23	ePKP	24	33.80	0.5		OCO	141.06	43	e(PKP)	25	26.90	5.8X	
FIR	105.67	313 ePKP	24	20.00	6.4X	YKC	116.38	23	iPdiff	20	33.00	-15.0X		JCT	141.92	51	ePKP	25	18.00	-4.8X	
OGA	105.68	316 ePdiff	20	00.70	-0.4		0.9s		57.00nm					TUL	141.94	41	iPKPd	25	17.40	-5.2X	
HAM	105.86	323 iPKPc	24	25.00	11.4X	TOL	117.47	310	ePKP	24	36.50	0.2			0.9s		155.40nm				
MUD	105.95	326 iPKPc	24	15.00	1.3	MAL	118.34	307	ePKP	24	37.00	-0.9		RLO	142.28	40	iPKPd	25	18.00	-5.2X	
	1.5s	180.00nm							i	25	50.30			OTT	142.99	12	iPKPd	25	20.20	-3.9X	
		e	24	27.00		GMW	118.81	40	PKP	24	40.00	1.4			1.2s		134.00nm				
OSS	106.30	316 ePdiff	20	04.00	0.1	KIC	119.48	272	iPKP	24	40.40	-0.4		VAO	143.02	210	ePKP	25	23.30	-1.6	
INK	106.71	21 ePdiff	20	04.90	0.0	GDH	119.53	355	iPKPd	24	39.20	0.0					i	25	26.80		
ALE	106.74	360 ePdiff	20	04.50	-0.3		1.0s		20.00nm								e	25	29.30		
	0.7s	4.00nm		5.6mb					i	25	58.00						e	25	55.20		
SAX	106.80	317 ePdiff	20	06.20	0.0	FHC	119.94	48	ePKP	24	42.30	1.3		MNT	143.25	9	iPKPd	25	21.50	-3.6X	
LLS	107.07	316 ePdiff	20	07.10	-0.2	PNT	120.15	38	ePKP	24	41.00	-0.1					pP	25	57.00		
TNS	107.12	320 ePdiff	20	07.70	0.5		1.3s		122.00nm					BHO	143.46	42	ePKPc	25	22.40	-2.9X	
		e	24	16.00		WDC	121.06	48	iPKPc	24	43.40	0.4		ATX	143.48	50	iPKP	25	24.00	-1.4	
MBC	107.18	12 ePdiff	20	07.00	0.2				i	25	16.80			ELF	143.57	19	PKP	25	22.75	-2.4	
		pP	20	32.00		MIN	121.81	48	ePKP	24	44.50	-0.2		DLA	143.78	20	PKP	25	23.60	-1.9	
ZUL	107.43	317 ePdiff	20	08.10	-0.6	EDM	121.89	31	iPKPc	24	44.50	0.2		FVM	143.81	34	PKP	25	23.00	-2.8X	
GWF	107.79	318 ePdiff	20	10.20	0.0	PCC	121.96	51	ePKP	24	45.30	0.5		ITB7	144.01	198	ePKP	25	25.20	-1.3	
MMK	107.85	315 ePdiff	20	10.70	-0.2	BRK	121.96	51	ePKP	24	45.50	0.7		RSNY	144.03	11	PKP	25	24.70	-1.2	
ORO	107.88	315 e(PKP)	24	12.00	-5.9X	BKS	121.98	51	ePKPc	24	45.50	0.6		UTO	144.11	23	iPKPd	25	28.00	1.9	
WTS	107.92	322 ePdiff	20	11.50	0.9		1.2s		125.00nm					ITB	144.33	198	e(PKP)	25	24.20	-2.8X	
	1.0s	28.00nm		6.3mb		NEW	122.08	38	ePKP	24	44.30	-0.5		ITB1	144.52	198	PKPd	25	26.80	-0.5	
WTS	107.92	322 ePKP	24	14.00	-3.6X		0.9s		32.80nm					POW	144.65	37	PKP	25	25.80	-1.4	
		e	24	31.50		ORV	122.11	49	iPKPc	24	45.20	0.1		NSLM	144.77	46	iPKP	25	28.50	1.6	
DAG	108.07	350 iPdiff	20	09.60	-1.2				e	26	15.90			ELC	144.97	34	PKP	25	27.00	-0.7	
	1.1s	24.05nm		6.2mb		MFW	122.21	41	PKP	24	46.80	1.7		HKT	145.20	50	iPKP	25	29.00	0.7	
		i	24	41.00		GCC	122.37	52	ePKP	24	46.40	0.8		CRX	145.73	69	ePKP	25	30.80	0.8	
CDF	108.08	318 ePKP	24	17.60	-0.6	MHC	122.57	51	ePKP	24	47.20	1.0		ACX	146.02	74	ePKPc	25	32.00	1.9	
DIX	108.23	315 ePdiff	20	12.80	0.2	YKM	122.67	37	iPKPc	24	46.60	0.6		IIC	146.04	68	iPKP	25	30.00	-0.5	
BSF	108.47	317 ePKP	24	18.70	-0.3	PRS	123.03	53	ePKP	24	47.90	1.0		TAC	146.18	69	iPKP	25	31.00	0.4	
	1.0s	22.20nm							e	26	25.40			SLA	146.23	181	ePKPd	25	32.00	1.5	
EMS	108 57	315 ePdiff	20	14.10	0.1	LHD	123.03	37	iPKPc	24	47.00	0.3		IIP	146.45	69	iPKP	25	33.00	1.9	
MEM	108.62	320 PKP	24	19.80	0.9	LDM	123.09	37	iPKPc	24	47.40	0.7		TLX	146.73	68	ePKPd	25	33.60	2.1	
ENN	108 65	320 ePdiff	20	14.50	0.6	LLA	123.29	52	ePKP	24	48.50	1.0		ANT	146.95	172	ePKP	25	33.50	2.1	
ENN	108.65	320 ePKP	24	25.00	6.0X	CLX	123.30	37	iPKPc	24	47.80	0.4		ITR	147.38	238	iPKPc	25	32.90	0.5	
		e	24	43.50		JAS1	123.36	51	iPKPc	24	48.10	0.6					e	25	35.40		
WLF	108 66	319 Pdiffc	20	32.80	18.8X				i	25	17.90						e	25	36.90		
WLF	108.66	319 PKP	24	20.50	1.5	PRI	123.63	53	ePKP	24	49.50	1.2					e	26	02.00		
HAU	108.74	318 ePKP	24	19.30	-0.1	FRI	124.15	51	ePKP	24	49.80	0.7		GMTN	147 63	12	iPKP	25	32.70	0.7	
	0 9s	13.10nm							e	26	31.50						i	26	07.60		
DOU	109.59	320 PKP	24	21.10	0.3	SYP	124.56	54	ePKP	24	51.00	0.8		YJA	148.78	181	ePKP	25	37.00	2.0	
LBF	110.47	317 iPKPc	24	23.00	0.3				e	26	36.00			VHO	148.91	72	iPKP	25	37.00	2.1	
	1.1s	18.00nm				SES	124.59	33	ePKPc	24	48.80	-0.8		OXX	148.95	72	ePKP	25	38.20	3.2X	
LOR	110.51	317 iPKPc	24	22.80	0.1		1.3s		200.00nm					SOB1	149.15	234	ePKP	25	36.40	1.2	
	1.0s	16.80nm				MNA	124.92	49	ePKP	24	51.90	1.1			1.4s		70.30nm				
SMF	110.62	316 iPKPc	24	22.70	-0.2	BMN	124.97	47	PKP	24	51.60	0.8					i	25	40.50		
	1.2s	20.80nm				ISA	125.47	53	ePKP	24	53.00	1.2					e	25	49.50		
SSF	110.78	317 iPKPc	24	23.30	0.1	FRB	125.56	1	ePKPc	24	50.20	-0.8					e	25	53.00		
	1.0s	52.00nm					1.0s		68.00nm								i	26	08.10		

13d 01h

			i	26 12.10		
BLA	149.18	23	iPKPc	25 35.10	0.5	
			i	25 39.20		
BAC	149.62	216	PKP	25 37.00	1.0	
PRM	150.98	29	ePKP	25 38.70	1.3	
CCH	153.54	179	PKPc	25 44.50	2.6X	
GIE	153.68	111	PKP	25 44.00	2.2X	
			i	26 19.30		
ARE	153.85	168	ePKP	25 42.00	-0.3	
LPB	154.29	175	iPKPc	25 44.70	1.7	
	1.3s	115.38nm				
			i	35 30.80		
			i	38 58.00		
NNA	156.23	152	iPKPc	25 46.00	0.8	
	0.6s	43.33nm				
PSO	166.03	124	ePKP	25 56.00	0.1	
UPA	166.45	90	ePKPc+	25 55.00	-0.6	
	1.3s	138.46nm				
BOG	170.61	119	ePKP	26 00.00	1.2	
SJG	171.18	2	iPKPd	25 57.60	-0.8	
FUQ	171.29	115	ePKP	26 00.00	1.0	
BMG	172.50	106	iPKP	26 00.00	0.8	
SDV	175.23	94	ePKP	26 01.80	1.5	
TOV	176 04	82	ePKP	26 01.20	1.0	
GUV	176 96	242	iPKPc	26 02.00	1.6	
CAP	178 33	41	ePKP	26 01.00	0.4	
	S.D = 1 0	on 329 of 386 obs.				

& APR 13, 1985 01h 37m 36.20s
36.233 N 120.832 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.9 (BRK).

PRI	0.16	124	iPd	37 39.90	0.3	
LLA	0.39	347	iPd	37 44.10	0.0	
PRS	0.45	283	iPc	37 44.70	-0.4	
PHAM	0.53	138	P	37 46.20	-0.6	
SAO	0.73	317	iP	37 49.50	-1 2	
FRI	1.18	50	iPc	37 57.00	-1.7	
ARN	1.25	333	P	37 58.80	-1.1	
JAS1	1.72	11	eP	38 05.20	-1.8	
WKTM	1.99	102	P	38 09.00	-1.9	
BKS	1.99	326	e(P*)	38 12.10	1.3	
			iSn	38 35.00		
VPEM	2.46	96	P	38 18.00	0.2	
	11 obs. assaciated					

APR 13, 1985 01h 46m 53 70± 0.43s
34.236 N ± 8.2km 137.255 E ± 4.2km
DEPTH = 322.6 ± 3.5 km
4.2mb (11 obs.)
NEAR S. COAST OF HONSHU, JAPAN (230)

OYM	2.02	54	eP	47 43.90	0.9	
SRY	2.15	50	iPd	47 44.70	0.7	
DDR	2 37	42	eP	47 43.90	-2.0	
MAT	2.43	18	iPd	47 47 20	0.9	
			iS	48 26.90		
TOK	2.51	54	eP	47 47.00	0.0	
			S	48 27.70		
KYS	2.57	67	iPd	47 48.00	0.5	
TSK	3.06	49	iPd	47 50.50	-1.5	
MDJ	11.93	333	eP	49 36.50	0.5	
SNY	13.17	309	iPd	49 51.60	0.7	
CN2	13.23	320	Pc	49 51.50	-0.2	
DL2	13.39	295	P	49 53.50	-0.2	
TIA	16.57	283	P	50 28.80	-0.1	
BJI	17.76	295	eP	50 40.50	-0.6	
WHN	19.68	266	eP	51 01.50	1.1	
XAN	23.43	278	P	51 36.20	-0.1	
GYA	27.44	262	P	52 12 40	-0.4	
CD2	28.35	273	P	52 20.40	-0.3	
PKI	44.59	276	iPd	54 36.80	0.1	
	0 5s	23 00nm		4.7mb		
KKN	44.61	276	iP	54 37 20	0.4	
WB2	53.95	183	eP	55 46.30	-0.7	
HYB	54.73	268	eP	55 52.50	-0.3	
	1.0s	20 00nm		4 5mb		
GBA	57 60	265	P	56 12.80	-0.1	
INK	58.41	26	ePc	56 17.00	-0.8	
YKA	67.90	28	eP	57 19.20	-0.2	
YKC	67 96	28	ePc	57 19.00	-0 8	
	0 6s	6 00nm		4.5mb		
DAG	68 25	354	iPd	57 20.30	-1.1	
	0.5s	7 04nm		4.6mb		
NEW	74 48	42	eP	57 59.00	0.3	
NB2	75.41	336	P	58 03.80	0.2	
	0.8s	1 40nm		3.7mb		
FFC	77.86	31	iPc	58 16.80	-0.3	
	0.6s	4.00nm		4.4mb		
JAS1	78.29	52	eP	58 20.50	0.7	
	0.6s	0.30nm		3.3mb		
LRM	78.50	42	eP	58 21.30	0.2	
BMN	78.90	49	eP	58 23.90	0.7	
	0.6s	1.94nm		4.1mb		
FRB	80.22	11	ePc	58 29.70	0.2	
BDW	82.02	43	eP	58 39.40	-0.2	
	0.8s	3.21nm		4.2mb		
GLA	84.84	53	eP	58 54.30	0.6	
ALQ	88.98	47	e(P)	59 10.00	-3.7X	
	0.9s	2.10nm		4.1mb		
LTX	94.51	50	eP	59 40.10	1.0	
	0.5s	0.30nm		3.7mb		
	S.D. = 0.7	on 36 of 37 obs.				

* APR 13, 1985 02h 32m 56.75± 0.80s
3.872 S ±11.4km 79.867 W ±18.6km
DEPTH = 33.0km (normal)
4.3mb (2 obs.)
NEAR COAST OF ECUADOR (105)

QUR	3.91	20	eP	33 56.50	0.1	
			eS	34 43.60		
BOG	10.24	35	eP	35 49.00	24.1X	
ZOBO	16.88	138	eP	36 52.00	-0 8	
			e	36 55.30		
			eS	40 14.00		
LPB	17.09	138	eP	36 55.00	-0 2	
			i	37 24.00		
CCH	19.01	136	eP	37 20.00	1.1	
BHO	40.59	341	eP	40 35.30	0.3	
RLO	42.28	342	eP	40 48 60	-0.3	
TUL	42.29	341	eP	40 48.20	-0.8	
	0.9s	5.80nm		4.3mb		
ALQ	45.99	329	eP	41 19.80	0.7	
	1.0s	4.50nm		4.4mb		
			e	41 38.30		
	S.D. = 0.8	on 8 of 9 obs.				

APR 13, 1985 03h 00m 06.78± 0.11s
1.622 N ± 2.6km 126.411 E ± 3.1km
DEPTH = 50.7km (7 depth phases)
6.4mb (68 obs.)
MOLUCCA PASSAGE (266)
Ms 6.7 (BRK), 6.6 (PAS). Felt at Manado, Sulawesi
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=220 Dip=60 Slip= 90
NP2: 40 30 90
Principal Axes:
T Plg=75 Azm=130
P 15 310
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 48 No. of sta: 8
Moment Tensor; Scale 10**26 d-cm
Mrr= 2.69 Mtt= 0.05
Mff=-2.74 Mrt=-0.49
Mrf= 0.57 Mtf=-2.01
Principal axes:
T Val= 2.96 Plg=69 Azm=214
N 0.84 21 26
P -3.81 2 117
Best Double Couple:Mo=3.4*10**26
NP1:Strike=227 Dip=46 Slip= 119
NP2: 9 51 63
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P B : 16S, 33C M.W : 11S, 23C
Centroid Location.
Origin Time 03.00:14.6 0.2
Lat 1.77N 0.02 Lon 126.71E 0.02
Dep 39 8 0 8 Half-duration 10.8
Moment Tensor, Scale 10**26 D-CM
Mrr= 2.57 0 03 Mtt=-0.49 0.02
Mff=-2 08 0 03 Mrt=-1.06 0 06
Mrf=-0 74 0 07 Mtf=-0 85 0.03
Principal Axes:
T Val= 2.95 Plg=73 Azm=161
N -0.26 11 29
P -2.69 12 297
Best Double Couple:Mo=2.8*10**26
NP1:Strike= 12 Dip=34 Slip= 69
NP2: 216 58 103

DAV	5.49	351	iP-	01 27.00	-1.2	
AAI	5.57	161	ePd	01 29.50	0.3	
PLP	9.59	352	iPc	02 23.00	-2.0	
			iS	03 07.80		
BKB	10.00	253	iPd	02 37.00	6.3X	
	1.0s	964.80nm		6.9mb		
KKM	11.08	294	ePd	02 46.90	1.4	
			i	03 24.50		
KUPT	12.02	193	(P)	03 04.40	6.3X	
QCP	13.96	338	iP	03 17.30	-6.4X	
MAN	13.98	338	eP	03 24.80	0.8	
BAG	15.78	339	ePc+	03 45.00	-2.4	
TRT	16.57	236	ePd	03 58.80	1.5	
			eS	04 36.80		
CVP	16.61	345	ePc	03 56.50	-1.2	
KNA	17.42	172	iPd	04 07.10	-0.8	
	0.7s	444.00nm		5.7mb		
			eS	07 46.00		
PIP	17.55	341	ePd	04 08.50	-1.0	
MDG	20.52	110	eP	04 41.00	-2.4	
MOM	21.30	100	eP	04 49.00	-2.4	
GUMO	21.79	56	eP	04 52.90	-3.4X	
GUA	21.80	56	eP+	04 53.10	-3.3X	
	0.8s	1946 27nm		6.6mb		
			eS	08 48.50		
ISI	22.68	355	iPc	05 05.50	0.5	
			S	09 10.00		
WB2	22.80	160	iPc	05 04.10	-2.2	
MYK	23.05	357	Pc	05 10.50	1.9	
			S	09 18.70		
KGM	23.08	271	iPc	05 10.40	1.3	
	1.5s	3246.50nm		6.5mb		
			i	05 42.00		
			i	06 01.80		
PMG	23.39	118	iPc+	05 09.90	-2.1	
OIZ	23.72	318	iPd	05 15.00	-0.2	
HKC	23.75	331	iP	05 14.80	-0.7	
			iS	09 18.00		
ANP	23.90	349	iP+	05 15.50	-1.5	
			iS	09 26.00		
MCO	23.91	329	eP	05 16.10	-0.9	
LMG	24.06	116	eP	05 16.50	-2.2	
QZH	24.38	343	iPc	05 21.00	-0.6	
			S	09 29.00		
NAH	24.48	3	iPc	05 24.30	1.8	
			S	09 41.60		
MVI	24.51	11	ePd	05 24.00	1.2	
KMJ	24.57	1	Pc	05 24.50	1.1	
			S	09 45.40		
KLM	24.79	274	eP	05 26.90	1.3	
GZH	24.82	330	iPc	05 25.50	-0.3	
			S	09 34.00		
NGO	24.87	3	iPc	05 27.90	1.6	
			S	09 45.60		
IPM	25.52	277	ePd	05 32.30	-0.2	
	1.0s	519.40nm		6.0mb		
			e	05 55.20		
			e	06 37.30		
PPI	26.09	266	ePc	05 38.50	0.7	
	0.9s	462.80nm		6.0mb		
			e(S)	08 57.50		
ASPA	26.17	164	Pc	05 36.70	-1.8	
			eS	10 06.00		
NAU	26.27	203	eP	05 39.50	0.2	
RAB	26.38	103	iPc+	05 38.00	-2.5	
			iS	10 04.00		
NZJ	26.77	6	Pc	05 44.50	0.7	
			eS	10 12.00		
PSI	27.49	273	ePd	05 49.00	-1.6	
TSI	27.88	274	e(P)	05 55.00	0.9	
CTA	29.06	139	iPc+	06 02.90	-1.7	
MEK	29.08	195	iPd	06 03.70	-1.1	
CBI	29.50	29	eP	06 05.00	-3.5X	
SSE	29.73	351	Pc+	06 10.00	-0.5	
	6.0s	11.20nm		3.7mb X		
Z	12s	16.20um		5.9MszX		
N	14s	24.70um				
E	12s	34.20um				
			S	10 36.00		
			sS	11 02.00		
KAG	30.05	7	eP	06 12.00	-1.3	

WHN	30.95	339	iPc	06 21.20	-0.1
NJ2	31.09	348	iPc	06 22.50	0.0
			iS	11 24.00	
NGS	31.12	6	Pc	06 22.60	-0.1
			eS	11 25.00	
GYA	31.15	324	Pd	06 22.00	-1.2
			S	11 22.00	
BSI	31.27	278	iPd	06 22.50	-1.8
SAG	31.67	6	eP	06 28.00	0.4
OIT	31.82	8	eP	06 29.00	0.1
CHTO	31.88	304	iPd	06 28.50	-1.2
KLG	32.57	188	iPd	06 35.20	-0.3
KMI	32.67	318	Pd-	06 36.00	-0.7
	4.0s	0.90nm			3.0mb X
E	18s	103.50um			
			pP	06 50.00	56km
			PP	07 30.00	
			S	11 21.00	
			sS	11 41.50	
			SS	12 49.00	
BAL	33.36	195	eP	06 42.00	-0.3
OSA	33.97	14	Pc	06 47.50	-0.1
KLB	34.04	193	iPd	06 47.50	-0.7
	0.5s	370.00nm			6.6mb
MTS	34.23	10	eP	06 31.00	-18.8X
			eS	12 19.00	
MUN	34.79	195	eP	06 54.00	-0.7
NAG	34.79	15	eP	06 55.00	0.4
VSG	34.89	109	P	06 53.00	-2.8
SVO	34.96	108	eP	06 54.00	-2.3
HNR	35.16	109	eP	06 54.00	-4.1X
			eS	12 14.00	
RMO	35.30	144	eP	06 58.00	-1.1
			e	08 17.00	
			e	13 13.00	
TIA	35.48	347	Pd	06 58.90	-1.6
			pP	07 13.00	54km
			PcP	09 30.00	
			S	12 34.00	
OYM	35.68	18	eP	06 58.80	-3.5X
KYS	35.77	19	eP	07 00.60	-2.4
SEO	35.77	1	iPc+	07 03.40	0.5
	1.0s	800.00nm			6.6mb
			eS	12 32.00	
SRY	35.86	18	eP	07 00.50	-3.3X
XAN	36.16	335	iPd	07 04.30	-2.0
			iS	12 38.00	
CD2	36.17	326	P	07 05.20	-1.3
			pP	07 20.50	60km
			sP	07 28.50	
			PP	08 25.00	
			S	12 38.00	
			SS	15 10.00	
			eScS	17 12.00	
DDR	36.20	18	eP	07 03.80	-2.9
STK	36.30	158	iPd	07 05.90	-1.6
			e	08 32.00	
			e	09 33.00	
MAT	36.42	16	iPc	07 06.20	-2.3
	1.0s	635.00nm			6.5mb
Z	20s	25.00um			6.0Msz
			eS	12 43.00	
NGN	36.53	16	Pc	07 08.50	-0.9
			eS	12 54.00	
MAE	36.54	17	eP	07 09.00	-0.4
RKG	36.59	193	iPd	07 14.80	4.9X
	0.4s	81.00nm			6.0mb
TSK	36.68	19	eP	07 06.40	-4.2X
WAJ	36.88	14	Pc	07 12 00	-0.3
			e	12 50.00	
DL2	37.36	354	iPc	07 16.00	-0.3
			S	12 58.00	
CMS	37.74	152	eP	07 18.00	-1.6
TIY	38.15	342	iPc	07 22.00	-1.0
			S	13 10.00	
			sS	13 37.50	
ADE	38.18	164	iPd	07 21.50	-1.8
	1.0s	460.00nm			6.3mb
FKS	38.21	18	Pc	07 23.80	0.3
			eS	13 12.00	
YAM	38.63	18	eP	07 27.00	0.0
			eS	13 19.00	
SEN	38.81	18	Pc	07 28.00	-0.4
			eS	13 21.00	
BJI	39 36	348	eP	07 33.00	0.0
Z	20s	37.90um			6.2Msz
E	21s	57.40um			

			epP	07 40.00	24kmX
			ePP	09 05.00	
			S	13 27.00	
			ScS	17 39.00	
AKI	39.92	17	Pc	07 38.80	1.2
			e	13 45.00	
SNY	40.11	357	iPd	07 38.80	-0.3
			pP	07 52.00	50km
			sP	08 00.00	
			ScS	17 42.00	
LZH	40.17	331	Pd	07 39.00	-0.9
	3.0s	5876.00nm			6.9mb
N	20s	100.80um			
E	29s	128.90um			
			sP	07 49.00	
			S	13 36.00	
COO	40.18	145	eP	07 39.00	-1.0
	1.2s	1268.00nm			6 6mb
			e	09 21.00	
MIY	40.41	19	P	07 42.20	0.5
			S	13 46.00	
SHL	40.90	309	iP	07 45.90	-0.2
			iS	13 36.50	
AOM	41.13	17	P	07 48.70	1.2
YOU	41.25	152	iPc	07 47.80	-0.8
			iScP	13 33.50	
HHC	41.30	343	iPc	07 49.00	-0.1
			sP	08 07.00	
			S	13 54.00	
BFD	41.40	160	eP	07 49.00	-0.9
	1.2s	1170.00nm			6.5mb
			e	09 23.00	
BTO	41.54	341	iPc	07 50.00	-1.1
			pP	08 03.00	49km
			PP	09 28.00	
			S	13 59.00	
CN2	42.01	359	iPc	07 53.00	-1.7
			PP	09 30.50	
			PcP	09 51.00	
			S	14 06.00	
			SS	17 07.00	
RIV	42.26	149	eP	07 57.00	0.1
	1.0s	*******nm			8.0mb X
			ePP	09 36.00	
			eS	14 12.00	
CAN	42.39	152	iPc	07 57.20	-0.9
			iScP	13 39.50	
TOO	42.81	158	eP	08 01.00	-0.5
	0.7s	202.00nm			6.0mb
			eS	14 23.00	
SUT	42.82	15	Pc	08 02.30	1.0
			eS	14 24.00	
MDJ	42.90	3	Pc	08 01.40	-0.6
			sP	08 18.00	
			PP	09 41.00	
			ScP	13 42.00	
			PcS	13 45.00	
			iS	14 22.00	
WAM	43.06	153	eP	08 02.10	-1.3
			iScP	13 45.00	
SAP	43.36	16	Pc	08 06.40	0.7
			eS	14 30.00	
LSA	43.61	313	P	08 08.90	0.3
			S	14 30.00	
OBI	43.78	18	Pc	08 10.50	1.4
			eS	14 37.00	
GTA	44.75	330	iPd	08 16.50	-0.7
			pP	08 29.00	46km
			sP	08 33.50	
			PcP	10 00.00	
			ScP	13 47.50	
			iS	14 47.00	
			ScS	18 10.50	
PVC	45.53	117	iPc	08 23.00	-0.5
NOU	45.73	124	iPc	08 23.00	-2.0
PKI	46.95	307	iP	08 33.80	-1.3
KKN	47.15	307	iP	08 35.00	-1.5
DMN	47.21	307	iP	08 35.80	-1.3
TAU	48.17	159	iPd	08 43.50	-0.4
			eS	15 40.00	
HYB	49.56	292	ePd	08 53.20	-1.9
	1.0s	1270.00nm			6.9mb
GBA	49.87	286	Pd	08 55.00	-2.4
	0.9s	776 00nm			6.7mb
NDF	53.81	113	iP	09 27.00	0.0
NDI	54.03	305	iPd	09 25.50	-3.0X
	0.5s	647.89nm			6.9mb

Z	20s	37.59um			6.5Msz
			ePcP	10 45.00	
			ePP	11 28.20	
			iS	16 54.50	
			eScS	19 04.00	
			SS	20 32.00	
POO	54.17	292	iPc	09 27.00	-2.7
WMO	54.27	326	Pd	09 29.00	-1.1
			pP	09 41.00	42km
			PcP	10 33.00	
			PP	11 29.50	
			S	17 00.00	
			ScS	19 12.00	
SVA	54.83	113	eP	09 33.40	-1.1
CRZ	56.27	134	P	09 45.00	0.4
			e	09 53.00	
MSZ	59.04	147	P	10 02.00	-1.9
			PcP	10 53.00	
			PP	12 30.00	
			ScS	20 00.80	
			P'P'	39 46.00	
KRP	59.99	136	P	10 08.20	-2.4
			PcP	10 38.00	
			PP	12 35.00	
			ScS	20 03.00	
TCW	60.82	140	P	10 12.80	-3.4X
WEL	61.18	140	P	10 15.40	-3 2X
Z	20s	114.89um			7.0Msz
N	19s	34.72um			
E	22s	100.74um			
			PcP	10 43.00	
			S	16 30.00	
			SP	19 00.00	
			ScS	20 07.00	
			SS	22 54.00	
MCO	62.05	159	eP	10 25.00	0.7
GNZ	62.06	136	P	10 23.00	-1.6
			P'P'	39 39.00	
QUE	63.01	303	iPc+	10 29.50	-1.8
			eS	18 56.00	
AFI	63.14	106	P	10 44.00	11.8X
			ePcP	11 44.00	
			ePP	13 08.00	
			e	15 35.00	
			e(S)	19 02.00	
			eSS	23 14.00	
			e	24 08.00	
SMY	64.44	30	eP	10 39.50	-0 5
DRV	68.82	174	eP	11 12.00	4 5X
ADK	68.88	34	eP	11 07.80	-0 3
MHI	70.54	308	iPd	11 18 20	-0 6
	1.0s	356.00nm			6 3mb
			eS	20 27.00	
KHI	70.77	306	eP	11 19.00	-1 3
SHI	75.20	300	iP	11 45.00	-1 5
HON	75.98	69	P	11 52.00	1 3
TEH	76.91	306	eP	11 59.00	3 1X
AVY	79.82	251	ePd	12 12.70	0 5
KER	80.25	304	ePc	12 13.00	-1.2
TAB	81.19	308	iP	12 20.40	1.4
MAW	81.68	200	iPd	12 21.70	1.0
SBA	82.30	172	iPc	12 24.80	1.0
BHD	82.44	303	eP	12 25.50	0.1
			iS	22 33.00	
			i	22 45.00	
			iPPS	23 48.00	
TTA	82.91	27	eP	12 28.30	1.0
ARO	83.37	281	iPd	12 32.80	2.2
MSL	83.61	306	iPc	12 32.60	1.2
			i	12 57.00	
			iSKS	22 47.00	
			iS	22 55.00	
			ePS	23 43.00	
KDC	83.88	32	eP	12 33.30	1 1
BRW	84.26	18	P	12 34.80	0 9
IMA	84.43	24	eP	12 35.70	0 6
	1 6s	2000.00nm			6.9mb
AFR	84.58	108	iP	12 37.80	1 3
	1.6s	525 00nm			6 4mb
PPT	84.78	108	iP	12 39.00	1 5
	1.6s	430.00nm			6 3mb
PAE	84.78	108	iP	12 39.00	1 5
	1.6s	430.00nm			6.3mb
PPN	84.91	108	iP	12 39.70	1.5
TVO	85.10	108	iP	12 40.90	1 7
	1.6s	595.00nm			6.5mb
TBI	85.24	113	eP	12 41.00	1 2

13d 03h

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      1.5s   800.00nm            6.6mb
RTB   85.86 303 iPc    12 44 50    1.8
                i      13 01.00
                iSKS   23 04.00
                iPS    24 33.00
                e      28 41 00
PMR   85.94  29 P      12 42.10   -0.3
      1.6s  1475.41nm            7.0mb
   Z  20s     28.00um            6.7Msz
PME   85.99  28 eP     12 43.50    0.8
      1.0s   107.50nm            6.0mb
   Z  20s     25.00um            6.6Msz
PMC   86.25 105 iP     12 46.60    1.7
      1.6s   750.00nm            6.7mb
TPT   86.52 105 iP     12 47.90    1.7
      1.6s   950.00nm            6.8mb
VAH   86.52 105 iP     12 47.80    1.6
      1.6s   495.00nm            6.5mb
COL   86.75  25 iPc    12 45.50   -0.9
      0.8s    85.07nm            6.0mb
   Z  23s     68.18um            7.0MszX
                eS     23 08.00
FBA   86.75  25 P      12 45.70   -0.7
RUV   86.76 105 iP     12 48.80    1.5
      1.6s   475.00nm            6.5mb
AAE   87.42 279 eP     12 53.30    2.2
NPA   87.67 255 iP     12 53.00    1.2
                eS     23 18.00
JEP   90.19 302 iPd    13 03.50   -0.1
CRI   90.29 303 eP     13 05.00    1.1
PRNI  90.41 300 iPd    13 05.50    0.9
SPA   91.61 180 iPd    13 10.00    0.5
      2.0s  2050.00nm            7.2mb
   Z  20s     27.03um            6.7Msz
KEV   91.75 340 iP     13 08.80   -1.1
      0.7s    96.10nm            6.3mb
                e      14 36.00
                ePP    16 48.00
                eSKS   23 36.00
                epP    24 40.00
                ePS    25 12.00
                eSS    30 00.00
INK   92.24  22 eP     13 11.50   -0.6
      0.8s   155.00nm            6.5mb
SOD   92.28 338 iP     13 11.30   -1.1
                iS     24 11.90
KJF   92.34 334 iP     13 11.20   -1.5
      0.8s   198.00nm            6.6mb
                ePP    16 56.00
                eSKS   23 40.00
                eS     24 40.00
                ePS    25 24.00
KBS   93.01 350 iPc    13 14.50   -1.1
SIT   93.15  33 P      13 18.40    1.9
TET   93.17 254 iPc    13 22.00    4.6X
                ipP    13 47.00   92kmX
                iPP    17 35.00
                eS     23 53.00
                isP    26 27.00
                e      27 25.00
SUF   93.27 333 iP     13 15.10   -1.9
      0.5s    41.00nm            6.1mb
HLW   93.60 300 iPc    13 20.00    0.8
                iS     24 00.00
BCK   93.65 308 iP     13 18.80   -0.6
MBC   94.06  13 iPc    13 19.60   -0.8
      0.9s   147.00nm            6.4mb
                pP     13 31.00   36kmX
ELL   94.25 307 iPc    13 21.00   -1.2
FLV   94.31 311 iPc    13 21.60   -0.7
NUP   94.38 331 iP     13 20.80   -1.3
      0.9s   153.80nm            6.4mb
   Z  24s     96.20um            7.2MszX
                i      13 28.20
                ePP    17 08.00
                eSKS   23 48.00
                eS     24 24.00
                ePS    25 40.00
                esSS   31 36.00
                LR     57 00.00
ISK   94.49 311 iPc    13 22.30   -0.8
TRO   94.52 340 eP     13 21.50   -1.1
CFR   94.68 315 ePc    13 24.00    0.2
IAS   94.84 317 eP     13 25.00    0.5
TLB   94.84 315 ePc    13 25.00    0.4
PSN   94.84 314 iPd    13 25.00    0.4
CTT   94.96 311 iP     13 24.40   -0.8
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DST   94.98 310 iP     13 23.80   -1.6
MTD   95.09 253 iPc    13 27.00    0.7
                iPP    17 16.00
                iS     24 37.00
                iPKKP  30 24.00
CLI   95.11 317 ePc    13 25.50   -0.3
DMK   95.38 312 iP     13 26.60   -0.6
BRD   95.41 316 ePd    13 30.00    2.8X
BNT   95.43 311 iPc    13 26.70   -0.7
EDC   95.48 311 iP     13 27.10   -0.5
YER   95.51 307 iPc    13 26.50   -1.4
VRI   95.59 316 iPc    13 28.00    0.0
ALE   95.87   1 ePc    13 28.30   -0.3
      1.2s    60.00nm            6.0mb
JMB   96.16 313 eP     13 30.00   -0.7
IZM   96.17 309 iP     13 29.50   -1.4
MLR   96.19 316 iPc    13 31.00    0.1
BUC   96.24 315 iPc    13 25.00   -6.0X
BUC1  96.30 315 iPc    13 30.00   -1.2
CGN   96.34 315 ePc    13 32.00    0.6
EZN   96.71 310 iP     13 32.10   -1.1
PRK   96.83 310 eP     13 33.00   -0.8
CMP   96.85 316 ePc    13 35.00    1.2
DIM   96.96 313 eP     13 34.00   -0.3
PVL   97.09 314 iPc    13 17.00  -17.9X
KDZ   97.19 312 iPc    13 35.00   -0.4
EVA   97.29 244 iPd    13 38.00    1.7
      0.7s    32.88nm            6.0mb
COZ   97.33 316 ePc    13 36.00   -0.1
BMR   97.48 318 ePd    13 38.00    1.5
PLD   97.60 313 iPc    13 37.00   -0.1
BUL   97.88 250 iPc    13 40.00    1.0
      1.0s    55.00nm            6.0mb
                ipP    14 05.00   92kmX
                iPP    17 41.00
                i      24 43.00
                iSP    26 27.00
                iPKKP  30 16.00
NPS   97.88 306 eP     13 40.10    1.5
UPP   97.94 331 iP     13 36.40   -1.9
SLR   98.03 244 eP     13 40.00    0.4
      0.9s    42.02nm            6.0mb
   Z  22s     20.37um            6.6Msz
                i      17 37.20
WAR   98.10 323 eP+    13 40.00    0.8
   Z  24s     67.00um            7.1MszX
                e      17 16.00
                e      18 16.00
                e      24 15.00
DEV   98.22 317 ePd    13 42.00    2.1
BPI   98.24 244 eP     13 38.50   -2.1
      0.7s    31.51nm            6.0mb
SRE   98.24 315 eP     13 42.00    2.0
CLO   98.44 316 iPc    13 41.00    0.1
SEK   98.50 242 iPc    13 42.30    0.6
      1.1s    82.28nm            6.2mb
RKT   98.56 113 eP     13 40.00   -1.8
      1.2s    75.00nm            6.1mb
VTS   98.61 313 iPc    13 42.00    0.3
PHC   98.93  38 eP     13 43.00    0.1
ATH   99.00 309 iPc    13 43.00   -0.5
GRM   99.11 237 eP     13 43.50   -0.8
      0.6s    86.67nm            6.5mb
   Z  18s     15.29um            6.5Msz
VIR   99.19 242 iPd    13 45.70    0.9
      1.1s    88.61nm            6.2mb
JOS   99.26 320 iPc    13 44.70    0.2
      1.2s   106.20nm            6.2mb
KRA   99.28 321 iPc    13 44.20   -0.4
      0.8s    65.00nm            6.2mb
   Z  28s     34.30um            6.7MszX
   N  28s     46.20um
   E  28s     50.90um
                i      13 46.20
                i      13 50.80
                e      18 02.00
                iS     24 20.00
                i      26 36.00
SPC   99.29 320 iPc    13 45.30    0.4
                i      17 18.50
                i      18 25.60
VAY   99.30 312 iP     13 43.40   -1.5
DAG   99.30 352 iPd    13 42.30   -1.9
      0.6s    66.00nm            6.3mb
                i      17 50.00
                i      24 16.00
BFS   99.32 243 eP     13 46.00    0.6
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      1.0s   154.00nm            6.5mb
                i      24 47.50
HFS   99.72 332 eP     13 44.60   -1.8
      0.8s    48.10nm            6.1mb
BLF   99.72 241 iPd    13 47.50    0.2
      1.0s    40.00nm            5.9mb
SKO  100.01 313 iPdiff13 47.00   -1.2
                iPP    17 47.00
                iSKS   24 23.50
                iPS    26 40.00
KZN  100.08 311 ePdiff13 47.10   -1.5
BUD  100.48 319 iPdiff13 50.20    0.1
      0.8s    38.40nm            6.0mb
NB2  100.52 333 Pdiff 13 48.20   -1.8
      0.9s    65.00nm            6.2mb
OHR  100.65 312 ePdiff13 49.10   -2.0
                e      14 32.00
                eS     24 25.00
SRO  100.87 319 ePdiff13 52.10    0.3
   N  23s     22.80um
   E  24s     29.00um
                i      24 30.00
                i      25 28.60
                i      27 00.00
KSP  101.32 323 iPdiff13 54.30    0.5
      1.1s   144.00nm            6.5mb
                eS     24 33.50
TTG  101.50 314 ePdiff13 55.90    1.2
                eS     24 29.00
YKA  101.54  24 ePdiff13 55.50    1.1
ZST  101.55 320 ePdiff13 54.00   -0.8
                e      17 43.00
YKC  101.60  24 ePdiff13 54.50   -0.2
      2.2s   397.00nm            6.7mb
KONO 101.82 332 ePdiff13 56.20    0.5
COP  101.94 328 ePdiff13 52.00   -4.3X
   Z  20s     20.57um            6.6Msz
                i      18 13.00
                i      24 34.00
PGC  101.96  40 ePdiff13 58.00    1.4
VKA  102.04 320 iPdiff13 57.50    0.5
      3.0s   963.00nm            6.9mb
   Z  23s     18.20um            6.5MszX
                i      14 01.50
                i      18 00.10
                iPP    19 19.90
                iSKS   24 34.50
SOP  102.04 319 ePdiff13 56.50   -0.5
MCW  102.34  39 Pdiff 13 59.00    0.6
PRU  102.64 322 Pdiff 14 00.00    0.3
   Z  23s     40.30um            6.9MszX
   N  24s     28.40um
   E  24s     25.60um
                PP     18 16.00
                SKS    24 36.00
                eS     25 41.00
BRN  102.65 325 ePdiff14 01.00    1.4
HYA  102.67 335 iPdiff14 01.00    1.5
GMW  102.70  40 Pdiff 14 00.80    0.8
BFW  102.72  42 Pdiff 14 00.80    0.6
BRG  102.72 323 iPdiff14 00.00    0.0
      1.0s    60.00nm            6.3mb
   Z  22s     29.00um            6.8Msz
   N  22s     30.00um
   E  22s     27.00um
                i      14 05.60
                iSKS   24 36.00
                iSP    27 12.00
                ePKKP  29 53.00
                eP'P'  38 15.40
ODD  103.02 333 ePdiff14 00.90   -0.3
CLL  103.14 324 iPdiff14 01.90    0.1
      2.1s   210.00nm            6.5mb
   Z  19s     35.00um            6.9Msz
                eSKS   24 36.00
COR  103.18  44 ePdiff14 12.00    9.8X
SUE  103.33 335 ePdiff14 03.00    0.6
MUD  103.33 330 iPdiff14 02.30   -0.2
      1.2s    84.00nm            6.4mb
                e      16 30.00
                e      27 11.00
BER  103.41 334 ePdiff14 04.00    1.2
ASK  103.42 334 ePdiff14 03.50    0.7
KMR  103.50 320 iPdiff14 05.30    1.8
                i      14 28.80
                iPP    18 28.00
KHC  103.51 321 iPdiff14 04.00    0.4
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	1.0s	38.00nm		6.1mb		LHD	107.04	38	iPdiff	14	20.70	1.3		GSC	110.63	51	ePdiff	14	36.00	0.3
	Z 26s	24.00um		6.6MszX		JAS1	107.09	50	ePdiff	14	20.00	0.2		GSC	110.63	51	ePKP	18	37.00	0.9
	N 14s	21.50um							i	18	44.90			GRC	110.69	323	iPdiff	14	37.60	2.1
	E 28s	27.00um							i	30	02.70						i	14	44.70	
		e	17	26.50		LDM	107.11	38	iPdiff	14	21.00	1.3					i	18	06.30	
		e	18	24.50		DBN	107.31	326	ePdiff	14	29.00	8.7X					i	19	16.40	
		SKS	24	40.00		DBN	107.31	326	ePKP	18	28.00	-1.1		AVF	110.75	322	ePdiff	14	38.50	2.7X
LJU	103.84	318 ePdiff	14	05.40	0.3		Z 20s	27.50um				6.8Msz			0.8s	13.10nm				
		e	17	39.00					ePP	19	00.00			PLM	111.15	53	ePdiff	14	38.00	-0.2
		ePP	18	25.40					iSP	27	50.00			PLM	111.15	53	ePKP	18	38.00	0.7
		eSKS	24	41.00					eSS	34	45.00						e	19	19.00	
WET	103.94	322 iPdiff	14	06.00	0.5	CLX	107.32	38	iPdiff	14	21.70	0.9		FFC	111.23	28	iPdiff	14	37.00	-0.8
		eS	24	43.00		ENN	107.48	325	ePdiff	14	20.50	-0.6		MZF	111.48	322	ePdiff	14	41.60	2.5
KMY	104.00	333 ePdiff	14	03.50	-1.9				e	17	35.50				1.0s	11.10nm				
HAM	104.12	327 ePdiff	14	07.50	1.4				e	18	52.00			TPC	111.58	52	ePdiff	14	40.00	0.1
		iS	27	28.30		MEM	107.50	325	Pdiff	14	23.20	2.0		TPC	111.58	52	ePKP	18	39.00	1.1
PNT	104.15	38 ePdiff	14	07.00	0.6				e	17	40.20						e	19	17.00	
HOF	104.15	323 iPdiff	14	06.60	0.2				e	18	28.20			RJF	112.56	321	ePdiff	14	50.80	6.9X
	Z 22s	31.00um		6.8Msz		BNG	107.67	275	iPdiff	14	22.10	-0.8			1.0s	22.00nm				
		eS	24	44.00			1.4s	41.90nm				6.4mb		GLA	112.87	53	ePdiff	14	48.00	2.3X
MOX	104.19	323 iPdiff	14	06.50	-0.1				iPP	17	28.30			GLA	112.87	53	ePKP	18	41.00	0.6
	2.0s	196.00nm		6.6mb		WLF	107.81	324	Pdiffc	14	23.80	1.2		BDW	113.13	42	ePdiff	14	47.20	0.4
	Z 17s	27.40um		6.9MszX					e	17	49.50			FRB	113.85	7	ePdiff	14	47.00	-2.1
	N 28s	41.10um							PP	18	58.00			EBR	115.26	317	ePKP	18	45.00	0.3
		e	18	21.00					S	26	33.00						e	19	49.00	
		ePP	18	30.00					SP	28	06.00						eS	29	11.00	
		eSKS	24	44.00		FRI	107.89	50	ePdiff	14	24.00	0.7		LGR	116.47	320	ePKP	18	49.00	2.0
		e	26	40.00		AKU	108.14	345	ePKP	18	30.60	0.3					ePP	20	10.00	
		e	27	23.00			1.7s	323.08nm						ALI	117.03	315	iPdiff	15	12.50	8.6X
		eLQ	43	00.00		BSF	108.19	322	ePdiff	14	24.60	0.1					ePP	19	56.50	
VOY	104.27	318 ePdiff	14	06.50	-0.7		1.0s	40.70nm				6.5mb		GOL	117.34	43	PKP	18	49.00	-0.1
		i	17	15.30		ORO	108.30	319	ePdiff	14	23.50	-1.6			Z 22s	26.47um			6.8Msz	
		iPP	18	14.40		SYP	108.34	53	ePdiff	14	28.00	2.4X		GLD	117.41	43	PKP	18	49.00	-0.1
		i	19	34.50		SYP	108.34	53	ePKP	18	34.00	2.1			Z 20s	24.00um			6.8Msz	
KBA	104.31	320 iPdiff	14	06.20	-1.2	UCC	108.36	325	Pdiff	14	25.50	0.5		RSON	117.57	27	PKP	18	49.40	0.6
	1.2s	57.30nm		6.3mb					e	26	06.00				Z 20s	21.47um			6.8Msz	
		ipP	14	18.80					S	26	36.00			ALQ	118.66	48	ePdiff	15	11.50	-0.1
		i	14	27.80		DOU	108.54	325	Pdiff	14	27.90	2.0		ALQ	118.66	48	ePKP	18	51.00	-0.6
		i	17	24.70					e	18	11.40				Z 18s	24.06um			6.9Msz	
		i	17	49.30					e	18	57.00			TOL	118.76	318	ePKP	18	52.00	0.6
		iPP	18	29.70					PP	19	06.00						i	19	56.00	
		i	18	35.80					SKS	25	11.00						iPP	20	13.00	
		(SKS)	24	45.70					S	26	33.00						ePKS	22	01.00	
TRI	104.46	318 ePdiff	14	07.20	-0.6				SP	28	09.00						iSKS	25	13.00	
		e	17	03.60		MNA	108.65	48	ePdiff	14	27.50	0.6					iPS	29	37.00	
		iPP	18	27.50					i	18	58.00						iSS	36	20.00	
		eSKS	24	45.00					e	29	54.90						iSSS	40	58.00	
		eS	25	55.00		BMN	108.71	46	ePdiff	14	27.90	0.8		AFC	119.69	315	ePKP	18	52.00	-1.4
		iPS	27	24.00		SES	108.82	35	ePdiff	14	27.00	-0.2		CRT	119.76	315	ePKP	18	46.00	-7.4X
		iSPP	28	30.00		ISA	109.22	51	ePdiff	14	31.00	1.6		TAF	119.98	312	iPKP	18	56.00	2.0
		iSS	33	18.00		GDH	109.27	360	ePdiff	14	38.00	9.3X					i	19	19.00	
		iSSS	37	40.00			1.0s	14.00nm									i	20	20.00	
GRF	104.77	323 ePdiff	14	10.00	0.8				i	18	59.00			MAL	120.55	315	iPKPd	18	54.70	-0.1
	1.7s	97.00nm		6.4mb					i	25	03.00						iPP	20	25.00	
	Z 22s	47.10um		7.0Msz		CWC	109.30	50	ePKP	18	28.00	-5.7X					iPKS	22	11.00	
		e	14	15.40		CLC	109.86	51	ePdiff	14	33.00	0.8					iSKS	25	28.00	
		e	18	32.00		CLC	109.86	51	ePKP	18	18.00	-16.6X					iPPS	30	00.00	
WDC	104.79	47 ePdiff	14	09.90	0.4	PAS	109.88	53	ePdiff	14	33.00	0.7					iSS	36	32.00	
		i	18	28.60					ePP	19	05.00			PTO	121.04	321	ePdiff	15	30.00	8.3X
		e	30	10.60					eSKS	25	16.00			LHC	121.33	27	ePKP	18	55.00	-1.0
SGO	104.83	313 ePdiff	14	14.00	4.4X				iPS	28	33.00				1.0s	307.00nm				
MIN	105.54	47 ePdiff	14	12.60	-0.4				ePPS	29	15.00			SFS	121.94	316	ePKP	19	10.00	12.5X
AQU	105.71	315 ePdiff	14	14.00	0.4				ePKKP	29	23.00						ePP	20	40.00	
CTI	105.75	319 ePdiff	14	19.00	5.3X				eSS	34	19.00						ePS	29	20.00	
ORV	105.83	48 ePdiff	14	14.00	-0.1				i	37	31.00						eSS	36	03.00	
		i	18	36.10					eSSS	38	15.00						eSSS	40	05.00	
NEW	106.07	38 ePdiff	14	15.40	0.4				iLR	45	01.00			MOT	122.31	52	ePKP	18	58.00	-6.7
	Z 20s	25.00um		6.8Msz		PAS	109.88	53	ePKP	18	35.00	0.4		SCH	122.71	9	ePKP	18	57.80	-0.6
		e	18	36.00		EUR	109.93	47	iPdiff	14	33.20	0.5			0.4s	45.00nm				
WIT	106.18	327 ePdiff	14	18.50	3.2X		1.0s	17.69nm						MZX	123.00	61	ePKP	19	00.80	0.9
		e	17	43.00		MWC	109.95	53	ePdiff	14	33.00	0.2		LTX	123.12	53	ePdiff	15	34.00	2.6X
MNS	106.21	315 ePdiff	14	17.00	1.3	MWC	109.95	53	ePKP	18	36.00	1.0		OCO	124.85	44	ePKP	19	03.80	0.6
TNS	106.23	324 ePdiff	14	16.20	0.5	ESK	109.96	332	ePdiff	14	51.50	19.4X		JCT	125.66	50	iPKP	19	05.20	0.2
		e	17	34.00		LRM	109.96	40	ePdiff	14	32.20	-0.5			Z 22s	52.59um			7.2Msz	
EDM	106.27	33 ePdiff	14	15.80	0.0	FRF	109.96	318	ePdiff	14	34.30	1.9		TUL	125.78	42	Pdiff	15	42.00	-1.1
EDM	106.27	33 iPKPc	18	26.90	-0.3		1.0s	30.40nm							Z 19s	3.47um			6.0Msz	
MHC	106.31	50 ePdiff	14	17.00	0.5	SBB	110.01	52	ePKP	18	36.00	1.1		TUL	125.78	42	e(PKP)	18	57.90	-7.1X
ARN	106.39	50 Pdiff	14	18.00	1.3	LOR	110.23	322	ePdiff	14	34.00	0.5			0.8s	11.70nm				
WTS	106.45	326 ePdiff	14	16.50	0.0		1.1s	24.40nm						RLO	126.15	42	ePKP	19	00.20	-5.6X
		e	17	35.50		LBF	110.28	322	ePdiff	14	34.30	0.5		CHI	126.84	31	PKP	19	06.00	-0.9
		e	18	54.00			1.0s	21.30nm						BHO	127.26	43	ePKP	19	08.50	0.6
SAL	106.64	319 ePdiff	14	28.00	10.5X	REY	110.35	346	ePKP	18	35.90	1.4		NSLM	128.52	46	ePKP	19	11.00	0.7
BNS	106.68	325 ePdiff	14	17.50	-0.1	SMF	110.51	322	ePdiff	14	37.50	2.7X		ELF	128.90	26	PKP	19	10.60	-0.1
YKM	106.71	38 iPdiff	14	19.00	1.0		1.1s	19.50nm						HKT	128.92	49	ePKP	19	07.00	-4.1X
FIR	106.76	317 ePdiff	14	22.00	3.9X	RVR	110.56	53	ePdiff	14	33.00	-2.3		DLA	129.05	26	PKP	19	10.90	-0.1
PRS	106.78	51 ePdiff	14	19.50	1.1	RVR	110.56	53	ePKP	18	37.00	1.1		UTO	129.06	29	ePKPd	19	10.90	-0.2
LLA	107.04	51 ePdiff	14	20.90	1.3				e	19	10.00			OTT	129.24	20	iPKPc	19	10.90	-0.4

13d 03h

	1.2s	262.00nm				
MNT	129 83	18	iPKPc	19	11.60	-0.8
CRx	130.17	63	ePKPd	19	15.00	0.8
HIC	130.42	62	iPKP	19	14.00	-0.7
KIC	130 60	280	ePKP	19	03.20	-11.6X
			e	19	15.00	
			e	22	34.00	
TAC	130.60	63	iPKP	19	30.00	15.0X
III	130.70	64	iPKP	19	15.00	-0.1
ACX	130.81	66	ePKPd	19	16.80	1.7
IIP	130.87	63	iPKP	19	16.00	0.4
STJ	131.00	359	ePKP	19	14.50	0.0
TLX	131.05	62	ePKPd	19	17.40	1.5
VHO	133.53	64	iPKP	19	04.00	-16.5X
GMTN	133.72	22	iPKP	19	06.50	-13.5X
BLA	134.04	30	ePKP	19	06.30	-14.5X
			i	19	20.50	
GIE	143.29	89	iPKP+	19	35.20	-3.1X
			S	33	09.20	
			i	49	59.50	
RFA	144.22	159	ePKPc	19	37.20	-2.2
PEL	144.78	155	iPKP+	19	40.20	-0.1
GCM	145.69	51	ePKP	19	42.20	0.1
MDZ	145.76	157	iPKP	19	41.90	-0.1
ZON	147.00	156	ePKP	19	46.00	1.9
TCA	148.67	162	ePKPd	19	47.40	0.6
MCJ	149.33	50	ePKP	19	52.64	4.5X
VCA	149.64	154	ePKPd	19	50.00	1.6
PCJ	149 84	49	ePKP	19	55.28	6.5X
STH	149.90	48	ePKP	19	53.99	5.1X
GWJ	149.96	48	ePKP	19	54.23	5.1X
HOJ	149.99	48	ePKP	19	55.01	6.0X
UPA	152.08	67	ePKPc+	19	51.70	-0.5
	1.1s	278.48nm				
	Z 21s	37.99um			7.2Msz	
	E 20s	15.60um				
		i		19	58.50	
		i		20	31.00	
ANT	152.66	145	ePKP	19	48.00	-4.8X
FSA	152.90	155	ePKPd	19	55.20	2.2
SLA	154.31	154	ePKPd	19	56.60	1.3
NNA	154.75	115	iPKPc	19	57.40	1.5
	1.2s	265.63nm				
	Z 18s	6.70um			6.5Msz	
		eS		23	53.50	
QUR	155.02	87	ePKP	19	58.10	1.2
PSO	156.10	83	ePKP	19	59.50	1.2
YJA	156.52	151	ePKPd	20	00.80	2.1
RDJ	156.58	205	iPKP+	20	00.40	2.3
ITB7	156.63	179	ePKP	20	09.80	11.6X
SJG	156.82	32	ePKP	19	55.00	-3.6X
ITB	156.96	179	e(PKP)	20	01.40	2.8X
ARE	157.02	131	iPKPc	20	00.30	1.1
ITB1	157.10	178	e(PKP)	20	02.00	3.3X
VAO	157.80	196	ePKP	20	01.80	2.0
			e	20	32.60	
BOG	158.62	73	iPKP	20	02.00	0.7
			iPP	24	12.00	
BMG	158.72	66	iPKP	20	02.00	0.9
LPB	159.42	137	iPKPc	20	03 90	1.8
	1.2s	281.25nm				
		i		20	26.00	
		(S)		29	20.00	
BPA	159.74	23	ePKP	20	01.00	-1.0
CCH	160.06	143	PKPc	20	04.90	2.2
		i		20	45.40	
SDV	160.06	58	ePKP	20	02.80	0.2
SDV	160.06	58	iPKPc	20	03.50	0.9
	1.0s	241.40nm				
TOV	160.28	55	iPKPc	20	03.60	0.9
	1.1s	250.00nm				
MGG	160.97	23	ePKP	20	03.00	-0.2
MDN	161.48	24	ePKP	20	03.00	-0 7
CAR	162 07	47	iPKPc	20	05.00	0 5
	1 0s	120.00nm				
FDF	162 11	24	ePKP	20	05.92	1.5
ITR	163 32	244	iPKPc	20	06.40	0.7
			e	20	08.00	
			e	20	28.20	
			e	20	32.00	
CUM	164.03	41	iPKPc	20	05.70	-0.6
BAD	165.02	201	iPKP	20	08.00	0.7
SOB1	165 29	239	iPKPc	20	08.50	1.0
	1.1s	117.80nm				
		i		20	14.80	
		i		20	28.90	
		i		21	08.50	

TRN	165.54	32	iPKPc	20	08.77	1.2
	1.1s	328.70nm				
GUV	166.67	45	iPKPc	20	09.20	0.6
	S.D. = 1.2	on 394 of 458 obs.				
*	APR 13, 1985 03h 42m 44.80± 0.67s					
	1.643 N ±11.7km	126.324 E ±14.6km				
	DEPTH = 33.0km	(normol)				
	4.5mb (2 obs.)					
MOLUCCA PASSAGE					(266)	
KKM	10.99	294	eP	45	22.00	-1.0
KNA	17.45	172	eP	46	48.00	0.6
WRA	22.85	160	P	47	46.00	-0.5
	0.5s	9.10nm			4.5mb	
WB2	22.85	160	iPc	47	44.80	-1.7
			eS	51	53.00	
ASPA	26.22	164	eP	48	19.00	0.4
CHTO	31.80	304	eP	49	10.20	1.4
	0.8s	4.58nm			4.4mb	
MAT	36.42	16	eP	49	48.00	-0.4
YOU	41.31	152	eP	50	28.80	-0.2
CAN	42.45	152	eP	50	39.50	1.1
WAM	43.12	153	eP	50	44.00	0.2
GBA	49.78	286	P	51	36.70	0.0
COL	86.77	25	eP	55	32.00	5.3X
	S.D. = 1.0	on 11 of 12 obs.				
*	APR 13, 1985 03h 51m 32.66± 0.72s					
	52.001 N ±15.4km	170.094 W ± 8.0km				
	DEPTH = 33.0km	(normol)				
	4.5mb (4 obs.)					
FOX ISLANDS, ALEUTIAN ISLANDS					(9)	
ADK	4.08	271	e(P)	52	34.00	-0.3
TTA	13.28	29	eP	54	47.70	6.5X
MBC	31.04	21	eP	57	49.00	0.0
EDM	33.71	65	ePd	58	12.50	-0.1
BDW	40.90	78	eP	59	14.50	1.1
FRB	49.54	35	eP	00	21.00	-0.6
DAG	50.21	8	iPc	00	25.90	-0.7
	0.6s	4.67nm			4.7mb	
LTX	53.20	88	eP	00	49.00	-0.9
SOD	60.29	353	eP	01	40.00	0.3
KJF	63.31	351	iP	02	01.00	1.1
	0.6s	14.30nm			5.3mb	
SUF	64.91	352	iP	02	09.50	-0.9
	0.4s	0.80nm			4.2mb	
NUR	67.22	352	eP	02	25.00	-0.1
NB2	67.31	359	P	02	26.60	0.8
	0.8s	2.70nm			4.4mb	
PSI	88.50	272	e(P)	04	23.50	0.4
BUL	145.01	328	iPKPd	11	07.90	-0.3
	0.7s	9.59nm				
	S.D. = 0.7	on 14 of 15 obs.				
	APR 13, 1985 04h 03m 27.85± 0.44s					
	38.484 N ± 4.6km	25.194 E ± 3.9km				
	DEPTH = 10.0km	(geophysicist)				
	4.1mb (1 obs.)					
AEGEAN SEA					(365)	
	ML 4.1 (ATH).					
PRK	1.13	48	ePb	03	50.00	0.9
			eSb	04	06.50	
ATH	1.27	247	ePb	03	50.80	-0.6
			eSb	04	08.00	
EZN	1.60	33	iPn	03	54.10	-2.1
IZM	1.63	92	iPn	03	56.00	-0.7
KGT	2.55	39	iPn	04	10.40	0.4
EDC	2.78	47	iPn	04	13.10	-0.1
YER	2.79	118	iPn	04	12.50	-1.0
BNT	2.82	48	iPn	04	14.10	0.3
DST	2.90	66	iPn	04	14.80	-0.1
KZN	3.22	306	ePn	04	20.40	0.9
NPS	3.23	174	ePn	04	19.30	-0.3
VAY	3 48	325	iPn	04	23 00	-0.1
			i	04	35.00	
CTT	3 64	42	iPn	04	25.50	0.0
YLV	3.84	56	ePn	04	29.00	0.6
DMK	3.87	30	iPn	04	27.60	-1.0
ALT	3 88	80	iPn	04	04 00	-25.0X
ISK	3 94	48	iPn	04	41.50	11.9X
ELL	4.12	113	iP	04	34 00	1.6
OHR	4.28	309	ePn	04	40 30	5.7X
BCK	4.38	102	iPn	04	36 80	0.7
SKO	4 52	322	ePn	04	38.50	0.7

MLR	7.02	4	eP	05	13.00	-0.3
JOS	10.56	343	eP	06	02.20	0.0
KHC	13.53	326	eP	06	42.50	0.3
NB2	24.21	343	P	08	45.20	-0.1
	0.8s	4.20nm			4.1mb	
	S.D. = 0.9	on 22 of 25 obs.				
	APR 13, 1985 04h 12m 39.41± 0.58s					
	16.976 N ± 3.7km	62.481 W ± 3.3km				
	DEPTH = 18.7 ± 5.0 km					
	5.0mb (22 obs.)					
LEEWARD ISLANDS					(92)	
	Felt on Antiguo, St. Kitts, Montserrat ond Guadeloupe.					
BPA	0.60	83	iPd	12	50.46	-0.7
SEG	1.10	121	iPc	12	59.74	0.2
PAG	1.22	141	iP	13	02.42	0.9
BTG	1.22	143	iP	13	02.52	1.0
			S	13	18.00	
MGG	1.53	133	iPc	13	04.16	-1.8
MDN	1.95	148	iP	13	12.84	0.9
FDF	2.57	150	iPc	13	21.12	0.2
			S	13	52.60	
CRM	2.67	145	iPc	13	22.87	0.5
BIM	2.80	151	iPc	13	24.46	0.4
MVM	2.85	147	iPc	13	25.50	0.7
SLW	3.29	153	eP	13	31.34	0.2
SJG	3 68	288	iPd	13	38.20	1.5
TOV	10.08	226	ePn	15	07.30	0.9
LGN	10.91	233	e(Pn)	15	17.60	-0.1
SDV	11.30	226	eP	15	23.00	-0.2
UAV	11.85	227	eP	15	39.00	8.3X
GWJ	13.64	277	eP	15	53.24	-1.3
HOJ	13.65	276	eP	15	55.00	0.5
STH	13.72	277	eP	15	54.73	-0.7
PCJ	14.04	275	eP	15	50.49	-9.2X
BMG	14.28	228	eP	16	01.00	-2.0
UPA	18.41	247	iPd	16	55.00	-0.4
	0.8s	197.01nm			5.3mb	
		i		16	59.00	
		i		17	11.80	
PSO	21.43	224	iP	17	29.00	-0.2
BLA	25.63	325	eP	18	10.80	1.3
NNA	32.09	207	eP	19	19.50	11.7X
	1.0s	27.00nm				
SOB1	33.65	139	e(P)	19	23.00	1.6
BHO	33.75	307	eP	19	23.00	1.0
LPB	33.75	190	Pd	19	21.20	-1.5
CCH	34.33	186	Pd	19	27.00	-0.5
ARE	34.39	195	eP	20	14.00	45.9X
RLO	34.59	310	eP	19	30.20	0.9
ITR	34.93	135	eP	19	32.30	-0.1
			e	19	38.90	
			e	19	42.90	
TUL	35.05	309	eP	19	32.70	-0.5
	1.3s	49.10nm			5.3mb	
JCT	36.54	298	iP	19	46.00	0.0
	1.1s	31.65nm			5.1mb	
SCH	37.91	356	eP	19	58.00	0.9
LHC	38.23	331	eP	20	05.00	5.2X
ALQ	43.01	303	eP	20	40.20	0.4
	1.0s	12.50nm			4.6mb	
FRB	46.91	356	ePc	21	10.30	0.1
FFC	48.34	330	eP	21	21.00	-0.6
	0.8s	6.00nm			4.7mb	
GLA	49.57	299	eP	21	32.00	0.5
LRM	50.37	316	eP	21	37.80	0.1
TPC	50.69	300	eP	21	41.00	1.0
SES	51.07	322	eP	21	43.00	0.3
PLM	51.30	299	eP	21	46.00	1.2
EUR	51.36	307	iP	21	46.50	1.2
	1.0s	3.85nm			4.3mb	
GSC	51.43	302	eP	21	46.00	0.3
CLC	52.13	302	eP	21	56.00	5.0X
SBB	52.21	301	eP	21	51.00	-0.6
EDM	53.49	325	eP	22	00.00	-0.7
NEW	54.13	318	eP	22	05.00	-0.5
MAL	54.59	57	eP	22	18.20	9.2X
TOL	55.19	53	eP	22	21.00	7.5X
KIC	57.34	93	iP	22	28.30	-0.9
YKC	57.95	334	eP	22	31.00	-1.7
	0.8s	13.00nm			5.0mb	
YKA	58.01	334	eP	22	32.50	-0.6
EPF	58.81	50	eP	22	47.10	8.0X
	0.8s	10.70nm			5.0mb	
EKA	58.86	35	P	22	47.00	7.8X

	1.0s	15.60nm			5.1mb	
LPO	59.59	48 eP	22	52.40	8.0X	
RJF	59.89	47 eP	22	53.60	7.1X	
LSF	60.00	46 eP	22	54.00	6.7X	
	1.1s	13.50nm			5.0mb	
CAF	60.24	48 eP	22	56.00	7.1X	
TCF	60.48	46 eP	22	57.70	7.2X	
	1.2s	22.00nm			5.2mb	
GRC	61.17	45 IPd	23	04.00	8.8X	
AVF	61.31	46 eP	23	02.00	5.9X	
	1.0s	9.50nm			4.9mb	
SMF	61.63	46 eP	23	05.50	7.1X	
	1.1s	13.10nm			5.0mb	
LOR	61.70	45 eP	23	05.50	6.7X	
	1.1s	12.20nm			5.0mb	
LBF	61.76	45 eP	23	06.80	7.6X	
	1.5s	19.30nm			5.0mb	
DAG	63.79	10 iPc	23	11.10	-1.0	
	0.5s	4.93nm			4.9mb	
ALE	65.56	0 ePc	23	22.70	-0.8	
	0.7s	10.00nm			5.1mb	
MBC	65.99	347 eP	23	27.00	0.7	
	0.8s	17.00nm			5.3mb	
INK	67.35	338 eP	23	34.00	-1.1	
NB2	67.40	30 P	23	35.80	0.2	
	1.0s	9.20nm			4.9mb	
CLL	67.89	41 e(P)	23	45.00	6.2X	
BRG	68.48	41 eP	23	52.50	10.0X	
	1.2s	22.00nm				
COL	72.79	334 eP	24	08.00	-0.3	
	0.8s	11.94nm			5.0mb	
NUR	73.99	31 eP	24	15.00	-0.3	
SOD	74.14	24 eP	24	16.00	-0.1	
SUF	74.45	29 iP	24	18.20	0.3	
	0.6s	1.90nm			4.3mb	
KJF	74.96	27 eP	24	21.00	0.1	
BNG	80.15	88 iPd	24	50.60	0.0	
	1.0s	7.90nm			4.7mb	
GBA	130.10	55 PKP	32	05.00	14.3X	
WAM	146.26	229 ePKP	32	14.40	-5.2X	
CAN	146.55	231 ePKP	32	23.20	3.0X	
	S.D. = 0.9	an 58 of 83 obs.				

? APR 13, 1985 04h 13m 46.55± 2.80s
43.288 N ±11.2km 20.826 E ±28.3km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

SKO	1.39	161 ePn	14	11.00	-1.0
		iSn	14	30.50	
VTS	1.87	111 iPc	14	19.00	0.1
		iSg	14	45.00	
CLO	2.28	38 iPd	14	25.00	0.2
VAY	2.35	146 ePn	14	27.00	1.2
MMB	2.74	127 eP	14	34.00	2.6X
PVL	3.18	91 eP	14	37.00	-0.5
	S.D. = 1.2	an 5 of 6 obs.			

• APR 13, 1985 04h 44m 20.96± 2.51s
45.791 N ±13.0km 14.587 E ±18.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.7 (KBA), DUR 2.6 (TRI).
Felt (V) at Drogatus and (IV) at Crnomelj.

CEY	0.12	245 iPg	44	23.90	-0.1
		iSg	44	32.40	
LJU	0.26	352 iPgd	44	25.90	-0.5
		iSg	44	35.00	
VOY	0.54	297 ePg	44	32.00	0.1
		iSg	44	45.40	
		i	44	47.10	
TRI	0.58	262 ePg	44	39.00	6.3X
		iSg	44	46.30	
KBA	1.55	327 ePn	44	48.80	0.0
		iPg	44	51.40	
		i	44	53.80	
		i	45	03.40	
		iSg	45	16.00	
		i	45	17.70	
CTI	2.07	278 ePn	45	01.00	4.8X
		eSn	45	33.50	
KHC	3.41	349 ePg	45	15.80	0.5
		Sg	45	54.00	
	S.D. = 0.5	on 5 of 7 obs.			

• APR 13, 1985 04h 53m 34.81± 0.68s
1.582 N ±13.5km 126.462 E ±17.9km
DEPTH = 33.0km (normal)
4.7mb (5 obs.)
MOLUCCA PASSAGE (266)

AAI	5.51	162 e(P)	55	01.20	4.4X
WRA	22.75	161 Pd	58	34.80	-0.7
	0.7s	43.70nm			5.0mb
WB2	22.75	160 eP	58	34.20	-1.3
ASPA	26.12	164 eP	59	07.00	-0.8
		eS	03	44.00	
PSI	27.54	273 ePc	59	21.30	0.5
CHTO	31.95	304 eP	00	00.80	0.7
	0.8s	2.75nm			4.2mb
MAT	36.44	16 (P)	00	37.00	-1.5
BJI	39.41	348 eP	01	05.00	1.7
SHL	40.96	309 eP	01	13.80	-2.7
YOU	41.19	152 eP	01	19.40	1.3
CAN	42.33	152 eP	01	28.80	1.3
WAM	43.00	153 eP	01	33.30	0.5
PKI	47.02	307 eP	02	07.10	1.6
	0.6s	5.00nm			4.7mb
KKN	47.21	307 eP	02	07.20	0.2
	0.5s	5.00nm			4.8mb
GBA	49.93	286 P	02	27.00	-0.9
	0.5s	4.30nm			4.7mb
TCA	148.61	162 e(PKP)	13	21.50	4.5X
	S.D. = 1.5	on 14 of 16 obs.			

? APR 13, 1985 05h 19m 34.42± 0.70s
1.561 N ±15.4km 126.204 E ±28.8km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
MOLUCCA PASSAGE (266)

WRA	22.81	160 Pc	24	35.50	-0.2
	0.6s	16.80nm			4.7mb
WB2	22.82	160 iPc	24	35.20	-0.6
		eS	28	45.80	
ASPA	26.17	164 eP	25	09.00	1.2
GYA	31.07	324 eP	25	52.20	0.1
CHTO	31.75	304 ePd	25	59.50	1.6
	0.7s	3.65nm			4.4mb
CD2	36.11	326 eP	26	35.40	0.0
XAN	36.13	335 eP	26	34.60	-1.0
BJI	39.37	348 eP	27	04.50	1.9
LZH	40.12	331 eP	27	08.50	-0.6
GTA	44.70	331 P	27	46.20	-0.1
GBA	49.69	286 Pc	28	24.90	-0.7
	0.2s	2.70nm			4.9mb
SUF	93.23	333 eP	32	45.00	-1.6
HFS	99.68	332 eP	32	55.90	-20.1X
	0.4s	2.20nm			
	S.D. = 1.2	an 12 of 13 obs.			

? APR 13, 1985 09h 09m 46.69± 6.61s
51.175 N ±27.7km 15.535 E ±46.9km
DEPTH = 10.0km (geophysicist)
POLAND (548)

BRG	1.05	254 iPg	10	06.50	0.1
		iSg	10	25.50	
PRU	1.35	208 ePg	10	12.00	0.5
		Sn	10	28.20	
		Sg	10	35.60	
CLL	1.60	276 ePg	10	15.00	0.0
		eSg	10	41.00	
KHC	2.40	212 ePn	10	26.10	-0.6
		Pg	10	31.60	
		eSn	10	59.60	
		Sg	11	09.50	
MOX	2.54	259 ePg	10	35.00	6.4X
		eSg	11	13.50	
VKA	2.96	170 iP	11	20.30	45.8X
		i(Sg)	11	23.40	
	S.D. = 0.8	an 4 of 6 obs.			

• APR 13, 1985 09h 18m 43.32± 1.20s
23.026 S ± 8.8km 68.698 W ±13.0km
DEPTH = 163.0 ± 29.9 km
NORTHERN CHILE (123)

ANT	1.72	246 iPc	19	16.40	-0.1
		iS	19	38.90	
YJA	3.07	75 ePc	19	31.80	-1.3
		S	20	10.00	
SLA	3.39	121 ePd	19	37.80	1.0
		S	20	20.20	
CCH	6.11	24 Pc	20	14.00	1.3
LPB	6.48	5 eP	20	17.00	-0.9
ZOBO	6.74	5 eP	20	21.80	0.3
TCA	9.05	157 ePc	20	51.40	-0.3
	S.D. = 1.3	an 7 of 7 obs.			

? APR 13, 1985 10h 08m 32.49± 1.11s
7.148 S ±19.5km 124.852 E ±21.9km
DEPTH = 576.7 ± 15.0 km
4.2mb (3 obs.)
BANDA SEA (280)

KUPT	3.23	202 iPc	09	51.80	0.2
		eS	10	50.00	
KNA	9.37	156 iPc	10	44.50	-0.6
WRA	15.70	145 Pc	11	48.80	0.2
	0.4s	11.10nm			4.7mb
WB2	15.71	145 iPc	11	47.80	-0.1
		eS	14	28.70	
ASPA	18.58	153 eP	12	16.00	0.5
MEK	20.27	196 eP	12	31.00	-0.1
PKI	51.44	314 eP	16	47.60	0.0
	0.5s	5.00nm			4.2mb
KKN	51.66	314 eP	16	49.00	-0.1
	0.4s	2.00nm			3.9mb
	S.D. = 0.4	an 8 of 8 obs.			

& APR 13, 1985 10h 15m 25.90s
38.803 N 122.765 W
DEPTH = 3.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 2.9 (BRK).

NWRM	0.36	196 P	15	33.10	0.0
GAS	0.85	3 P	15	43.80	0.8
ZSP	0.95	155 iPd	15	44.10	-0.5
		iS	15	58.70	
BRK	1.01	157 iPd	15	45.10	-0.5
		iS	15	59.40	
BKS	1.01	156 iPc	15	45.20	-0.5
		iS	15	58.40	
ORV	1.24	52 eP	15	47.30	-2.3
		i	15	53.70	
PCC	1.34	167 eP	15	49.60	-1.6
ARN	1.75	146 P	15	55.40	-1.9
MIN	1.78	30 eP	15	56.90	-1.0
WDC	1.78	6 ePg	16	02.40	4.6
JAS1	2.04	115 iPnd	16	00.70	-0.9
		iSn	15	24.60	
SLD	2.11	144 P	16	00.80	-1.8
SAO	2.29	152 iP	16	02.70	-2.5
WCN	2.40	77 P	16	07.80	0.1
EUR	5.33	81 iP	16	46.80	-1.7
	0.2s	4.47nm			4.8mb X
	15 abs. associated				

APR 13, 1985 11h 09m 28.74± 0.39s
1.737 N ± 7.4km 126.396 E ±12.0km
DEPTH = 33.0km (normal)
4.9mb (6 obs.)
MOLUCCA PASSAGE (266)

AAI	5.68	162 e(P)	10	57.70	4.7X
KKM	11.02	293 ePd	12	12.10	4.8X
BAG	15.67	339 eP	13	14.00	5.0X
WRA	22.91	160 Pd	14	30.30	-0.7
	0.4s	13.90nm			4.8mb
WB2	22.92	160 eP	14	29.70	-1.4
		eS	18	37.50	
IPM	25.49	277 ePd	15	02.00	6.1X
ASPA	26.29	164 eP	15	03.80	-0.2
MEK	29.18	195 eP	15	30.00	0.5
GYA	31.04	324 eP	15	46.40	0.3
CHTO	31.81	304 eP	15	53.30	0.5
	0.9s	3.84nm			4.3mb
XAN	36.05	335 P	16	29.00	-0.2
CD2	36.07	326 eP	16	29.00	-0.4
MAT	36.31	16 eP	16	30.00	-1.4
	1.0s	18.00nm			4.9mb
BJI	39.24	348 eP	16	56.50	0.7
SHL	40.81	308 eP	17	10.00	0.-
YOU	41.36	152 eP	17	13.90	0.5
CAN	42.50	152 eP	17	24.80	2.0
MDJ	42.79	3 eP	17	25.00	0.0
WAM	43.17	153 eP	17	27.90	-0.2

13d 11h

GTA 44.64 330 P 17 40.60 0.4
PKI 46.87 307 eP 17 57.60 -0.7
0.4s 4.00nm 4.8mb
KKN 47.07 307 eP 17 59.00 -0.8
0.6s 10.00nm 5.0mb
DMN 47.13 307 eP 18 00.50 0.2
KOD 49.33 282 eP 18 28.60 11.0X
HYB 49.50 291 eP 18 18.40 -0.1
GBA 49.82 286 Pc 18 19.70 -1.3
0.3s 3.90nm 4.9mb
WMO 54.17 326 P 18 54.70 1.4
TCA 148.78 162 ePKPc 29 15.60 4.4X
S.D. = 0.9 on 22 of 28 obs.

• APR 13, 1985 11h 22m 35.43± 1.10s
44.193 N ±14.7km 10.937 E ±10.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.9 (KBA).

SAL 1.44 348 e(Pn) 23 02.00 0.4
e(Sn) 23 23.00
CTI 1.92 15 ePn 23 08.00 -0.6
eSn 23 35.50
TRI 2.52 52 iPn 23 17.20 0.2
i(Sg) 23 46.40
VOY 2.79 48 ePn 23 21.00 0.0
iSn 23 53.10
FRF 3.17 260 Pn 23 26.00 -0.2
Sn 24 03.10
LMR 3.32 257 Pn 23 28.00 -0.5
Sn 24 07.60
KBA 3.34 29 iPgc 23 42.30 13.4X
iSn 24 09.50
iSg 24 22.20
i 31 19.70
LRG 3.39 259 Pn 23 30.10 0.6
KHC 5.26 19 eP 24 41.00 45.0X
S.D. = 0.6 on 7 of 9 obs.

• APR 13, 1985 11h 34m 20.35± 1.27s
49 882 N ±10.9km 12.861 E ±12.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.7 (VKA), 3.5 (KBA), 3.0 (FUR).

WET 0.74 179 iPgc 34 33.80 -1.1
HOF 0.77 305 iPgc 34 35.10 -0.2
FUR 2.01 212 eP 34 55.30 0.6
VKA 2.79 124 iPgc 35 06.10 0.2
iSg 35 45.40
i 35 46.80
KBA 2.82 173 iPg 35 13.40 6.9X
0.4s 9.60nm
i 35 14.00
iSn 35 41.70
i 35 50.10
iSg 35 55.20
CTI 3.92 192 e(Pn) 35 22 50 0.5
e(Sn) 36 10.00
TRI 4.22 171 eP 36 14.90 48.8X
S.D. = 1.0 on 5 of 7 obs.

? APR 13, 1985 12h 27m 42.76± 2.43s
4.503 S ±31.8km 154.451 E ±19.9km
DEPTH = 172.7 ± 10.1 km
4.7mb (1 obs.)
SOLOMON ISLANDS (193)

BGA 1.79 156 iPd 28 17.20 -0.3
eS 28 40.00
PAA 2.06 150 iPd 28 20.80 0.3
eS 28 45.00
RAB 2.30 278 iPc 28 23.00 -0.1
iS 28 57.00
VSG 7.04 132 eP 29 30.00 5.7X
PMG 8.73 238 eP 29 47.00 0.3
WB2 24.88 230 eP 32 50.00 -1.2
WRA 24.88 230 Pc 32 51.40 0.1
0.4s 8.40nm 4.7mb
KLG 40.59 226 iPd 35 07.40 0.3
MEK 40.74 234 iPd 35 09.00 0.6
S.D. = 0.8 on 8 of 9 obs

% APR 13, 1985 13h 05m 45.15s
60 375 N 152.490 W
DEPTH = 97.7km
SOUTHERN ALASKA (2)
<AGS-P>.

RDT 0.20 12 iP 05 58.97 1.2
ILM 0.25 220 iP 05 58.92 1.0
iS 06 10.52
NNL 0.68 119 iP 06 03.00 0.6
iS 06 16.62
NKA 0.72 59 eP 06 03.98 1.2
eS 06 16.83
SPU 0.84 15 iP 06 03.22 -0.8
iS 06 17.62
CRP 0.91 10 eP 06 04.37 -0.5
eS 06 19.55
CGLM 0.97 14 iP 06 04.78 -0.6
BRLK 1.01 127 eP 06 04.92 -0.9
iS 06 21.83
PDB 1.04 236 iP 06 05.06 -1.0
iS 06 20.76
SLKM 1.13 82 eP 06 06.27 -1.0
eS 06 22.98
SEW 1.54 99 eP 06 10.80 -1.3
eS 06 31.02
MPA 1.56 84 iP 06 11.15 -1.2
eS 06 31.82
PMS 1.68 57 eP 06 13.17 -0.8
iS 06 34.90
SVW 1.71 297 eP 06 12.28 -2.1
eS 06 34.08
PTE 1.78 72 eP 06 13.52 -1.7
e$ 06 36.18
SML 2.48 53 eP 06 22.38 -2.2
16 obs associated

% APR 13, 1985 13h 20m 06.19± 2.10s
39.000 N ±12.1km 26.563 E ±25.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.81 137 iPn 20 22.00 0.0
EZN 0.84 348 iPn 20 22.20 -0.3
KGT 1.56 21 iPn 20 34.80 0.8
EDC 1.68 36 ePn 20 35.00 -0.7
BNT 1.71 37 iPn 20 40.30 4.1X
DST 1.71 69 ePn 20 44.00 7.7X
DMK 2.96 18 iPn 20 54.20 0.1
S.D. = 0.8 on 5 of 7 obs.

• APR 13, 1985 13h 55m 26.60± 0.92s
66.058 N ± 9.7km 150.152 W ± 7.5km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 4.1 (PMR).

IMA 1.44 272 eP 55 53.50 0.7
COL 1.52 139 iPd 55 53.80 -0.1
e 55 56.00
TTA 4.04 222 eP 56 29.50 -0.3
TOA 4.34 154 eP 56 35.10 1.0
PME 4.48 173 eP 56 36.00 0.0
QWY 4.96 109 P 56 39.90 -3.0X
SVW 5.53 209 eP 56 50.10 -0.9
BRW 5.79 338 eP 56 49.50 -5.0X
INK 6.85 63 eP 57 09.00 -0.4
S.D. = 0.8 on 7 of 9 obs.

• APR 13, 1985 14h 08m 06.60± 0.80s
1.736 N ±14.6km 126.445 E ±21.7km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
MOLUCCA PASSAGE (266)

WRA 22.90 161 P 13 09.00 0.3
0.7s 12.20nm 4.5mb,
WB2 22.90 161 eP 13 07.20 -1.5
ASPA 26.27 164 eP 13 42.00 1.1
CHTO 31.85 304 eP 14 33.00 2.0
MAT 36.30 16 (P) 15 10.00 0.9
BJI 39.25 348 eP 15 33.50 -0.3
SHL 40.85 308 eP 15 46.00 -1.4
PKI 46.91 307 eP 16 35.90 -0.6
KKN 47.11 307 eP 16 37.60 -0.3
DMN 47.17 307 eP 16 36.60 -1.9
GBA 49.87 286 P 17 01.00 1.8
TCA 148.76 162 ePKPd 27 54.80 5.8X
S.D = 1.5 on 11 of 12 obs.

& APR 13, 1985 15h 05m 02.10s
40.273 N 124.640 W
DEPTH = 16.0km
NEAR COAST OF NORTHERN CALIF. (35)
<BRK>. ML 3.8 (BRK).
Mo=8.8•10••20 (BRK). Felt at Ferndale.

FHC 0.73 43 iPc 05 15.40 -0.5
iS 05 24.70
GAS 1.60 112 eP 05 27.70 -2.3
WDC 1.63 78 iPc 05 27.90 -2.4
MIN 2.32 87 ePc 05 37.70 -2.7
iS 06 04.10
ORV 2.52 106 eP 05 41.30 -1.7
iS 06 09.00
LMHM 2.61 59 eP 05 42.60 -2.0
BRK 3.03 142 eP 05 47.20 -3.0
PCC 3.28 147 eP 05 51.00 -2.9
MHC 3.75 140 eP 05 58.40 -2.2
ARN 3.80 139 eP 05 59.00 -2.2
GCC 3.84 147 eP 05 58.80 -3.0
SAO 4.31 143 eP 06 06.00 -2.4
12 obs. associated

• APR 13, 1985 15h 10m 02.08± 0.58s
1.816 N ± 9.1km 126.413 E ±12.8km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
MOLUCCA PASSAGE (266)

AAI 5.75 162 e(P) 11 33.00 5.6X
KKM 11.01 293 ePd 12 43.00 2.5
WRA 22.98 161 Pd 15 04.50 -0.5
0.6s 12.90nm 4.6mb
WB2 22.99 161 eP 15 04.20 -0.9
eS 19 08.30
MEK 29.26 195 iPc 16 03.30 -0.3
CHTO 31.78 304 eP 16 25.50 -0.4
0.8s 1.83nm 4.0mb
KLB 34.23 193 eP 16 46.00 -1.0
MUN 34.98 195 eP 16 53.00 -0.4
NWAO 35.63 193 eP 16 59.00 0.1
MAT 36.23 16 (P) 17 03.00 -1.0
0.8s 8.21nm 4.7mb
BJI 39.17 348 eP 17 29.00 0.4
YOU 41.42 152 eP 17 49.00 1.8
CAN 42.56 152 eP 17 57.40 0.8
WAM 43.23 153 eP 18 03.10 1.1
HYB 49.49 291 eP 18 50.90 -0.9
GBA 49.82 286 Pc 18 52.50 -1.8
INK 92.06 22 eP 23 09.00 0.2
TCA 148.85 162 ePKPc 29 49.20 4.6X
S.D. = 1.2 on 16 of 18 obs.

• APR 13, 1985 16h 17m 39.47± 0.67s
11.198 S ± 9.8km 165.389 E ±10.7km
DEPTH = 33.0km (normal)
5.0mb (2 obs.)
SANTA CRUZ ISLANDS (184)

HNR 5.64 288 eP 19 02.00 -1.1
eS 20 05.00
SVO 5.85 290 eP 19 16.00 9.7X
eS 20 11.00
VSG 5.91 289 e(P) 19 08.00 0.9
eS 20 43.00
NOU 11.10 175 iPc 20 19.00 0.0
iS 22 17.00
RMQ 21.85 224 eP 22 31.00 -0.2
COL 83.57 18 eP 30 05.00 -0.3
0.7s 5.14nm 4.8mb
PKI 86.40 299 eP 30 20.80 0.1
KKN 86.57 299 eP 30 21.80 0.4
DMN 86.67 299 eP 30 22.40 0.5
0.9s 14.00nm 5.2mb
YKA 95.27 27 eP 31 00.70 -0.2
BNG 146.49 261 iPKPc 37 22.50 3.9X
1.0s 15.80nm
i 37 39.30
SOB1 146.92 127 e(PKP)37 22.00 2.8X
0.8s 13 60nm
S.D. = 0.7 on 9 of 12 obs.

• APR 13, 1985 16h 46m 03.76± 0.64s
54.854 N ±12.9km 163.872 W ± 8.5km
DEPTH = 33.0km (normal)

5.0mb (20 obs.)
UNIMAK ISLAND REGION (10)

COL	12.86	32	eP	49	08.00	1.3
INK	19.46	34	eP	50	29.00	-1.1
YKA	26.13	53	eP	51	36.70	0.6
YKC	26.19	53	eP	51	37.00	0.4
	0.6s	6.00nm				4.4mb
BMN	33.90	96	e(P)	52	44.80	-0.7
			e	52	59.30	
FRB	45.02	39	ePd	54	17.00	-0.3
	0.4s	16.00nm				5.3mb
DAG	46.79	10	iPc	54	31.10	-0.1
	0.5s	14.79nm				5.2mb
KEV	55.45	355	eP	55	36.00	-0.7
SOD	57.84	355	iP	55	53.00	-0.8
KJF	60.94	354	eP	56	14.00	-1.2
SUF	62.50	355	iP	56	24.90	-0.8
	0.5s	8.00nm				5.1mb
NB2	64.39	3	P	56	37.60	-0.6
	0.7s	2.80nm				4.5mb
NUR	64.79	355	iP	56	40.00	-0.6
HFS	65.35	1	iPd	56	43.20	-1.1
	0.5s	9.60nm				5.2mb
FLN	75.82	11	P	57	47.60	-0.1
	0.9s	11.10nm				4.9mb
KHC	76.37	2	Pd	57	51.10	0.2
LPF	76.47	12	eP	57	51.80	0.4
	0.5s	3.20nm				4.6mb
BSF	77.39	6	eP	57	56.90	0.2
LOP	77.73	9	eP	57	58 70	0.3
	0 7s	4.80nm				4.6mb
SSF	77.90	9	eP	57	59.60	0.3
MFF	77.98	11	eP	58	00.40	0.6
	0.8s	17.10nm				5.1mb
LBF	78.02	8	eP	58	00.10	0.0
AVF	78.16	9	eP	58	01.00	0.3
	0.5s	8.20nm				5.0mb
BGF	78.34	9	eP	58	02.10	0.3
	0.8s	7.70nm				4.8mb
SMF	78.34	9	eP	58	02.00	0.2
	0.7s	8.10nm				4.9mb
KBA	78.42	2	iPd	58	03.00	0.6
	0.7s	5.30nm				4.7mb
LSF	78.52	10	eP	58	03.00	0.2
	0.9s	18.80nm				5.1mb
TCF	78.55	10	eP	58	02.90	-0.1
	1.1s	14.40nm				4.9mb
MZF	78.65	10	eP	58	04.00	0.5
KKN	78.69	302	eP	58	05.40	1.1
	0.7s	15.00nm				5.1mb
PKI	78.81	302	eP	58	05.80	0.7
	0.8s	19.00nm				5.1mb
DMN	78.93	302	eP	58	06.80	1.1
CAF	79.88	10	P	58	10.50	0.3
	1.1s	9.70nm			4	7mb
LPC	80.03	11	eP	58	11.40	0.4
GUE	84.73	318	eP	58	30.00	-5 7X
HYB	90.74	302	ePc	59	05.00	0.4
GBA	94.55	301	Pc	59	20.50	-1.6
	0.2s	3.60nm				5.5mb
BUL	144.07	340	iPKPc	05	35.50	-2.1
	0.8s	8.21nm				
SLR	149.56	338	ePKP	05	50.50	4.1X
	1.0s	20.00nm				
BPI	150.04	338	ePKP	05	48.50	1.4
SEK	152.21	338	ePKP	05	55.50	5.2X
	0.7s	17.12nm				

S.D = 0.8 on 38 of 41 obs

* APR 13, 1985 16h 54m 26.84± 2.03s
28.853 S ± 7.2km 70.794 W ±28.7km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
CENTRAL CHILE (136)

RTCB	3.14	147	eP	55	14.80	-0.5
			S	55	55.50	
RTLL	3.19	141	eP	55	16.20	0.4
			S	56	01.60	
ZON	3.25	146	eP	55	18.00	1.3
CFA	3.52	142	ePc	55	20.40	-0.3
			S	56	05 00	
RTCV	3 58	148	eP	55	20.60	-0 8
			S	56	10 70	
PEL	4.28	179	eP	56	07.20	35 9X
MDZ	4.35	158	e(P)	55	37.50	5.1X
TCA	5.92	116	ePc	55	54.50	-0.1
			S	57	10.00	
RFA	6.22	162	ePd	55	51.00	-7.9X
SLA	6.27	50	e(P)	56	04.00	4.4X
YJA	8.19	37	eP	56	26.80	0.0
ZOBO	12.76	12	eP	57	29.30	0.0
	0.7s	4.11nm				4.6mb

S.D. = 0.7 on 8 of 12 obs.

APR 13, 1985 18h 24m 14.86± 0.52s
42.213 N ± 5.7km 19.609 E ± 4.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.9 (TTG).

TTG	0.34	310	iPgc	24	22.50	0.7
			iSg	24	29.40	
ULC	0.37	227	iPgd	24	22.00	-0.4
			iSg	24	28.30	
PVY	0.47	35	iPgd	24	24.50	0.1
			iSg	24	32.50	
BDV	0.58	277	ePg	24	26.50	-0.2
			eSg	24	36.00	
HCY	0.86	286	ePg	24	32.00	0.7
			eSg	24	45.00	
BRY	1.04	311	ePg	24	34.50	-0.2
			eSg	24	52.50	
SKO	1.38	99	iPn	24	40.00	-0.2
			iSn	24	59.00	
OHR	1.42	141	iPn	24	40.00	-0.7
BRT	2.24	234	e(Pn)	24	57.50	4.9X
			e(Sn)	25	33.50	
VAY	2.39	111	ePn	24	56.30	1.7
CLO	3.68	38	iPc	25	12.00	-1.0
VOY	5.61	315	ePn	25	40.00	-0.4
			eSn	26	43.70	

S.D. = 0.8 on 11 of 12 obs.

? APR 13, 1985 20h 52m 55.04± 0.69s
44.272 S ±17.6km 15.937 W ±15.4km
DEPTH = 10.0km (geophysicist)
4.5mb (3 obs.)
SOUTH ATLANTIC RIDGE (410)

ITR	40.41	324	eP	00	35.70	0.7
BUL	44.02	72	iPc	01	03.40	-1.2
	0.8s	5.22nm				4.4mb
SPA	45.92	180	e(P)	01	20.20	0.8
KIC	51.40	14	eP	02	02.00	-0.1
ZOBO	51.92	285	eP	02	05.00	-1.8
	1.1s	3.77nm				4.2mb
ARE	54.14	282	eP	02	23 00	0.1
BNG	57.52	42	iPc	02	48.10	1.1
	1.2s	36.90nm				5.3mb
YKA	131.79	322	ePKP	12	09.50	0.7
BJI	144.65	80	ePKP	12	31.00	-2.0
COL	146.48	325	iPKP	12	36.00	0.6
	1.0s	25.00nm				
BRW	146.93	338	ePKP	12	37.00	1.1
PME	147.74	319	ePKP	12	40.10	2.7X
IMA	148.43	328	ePKP	12	41.60	3.0X
TTA	150.54	323	ePKP	12	47.50	5.6X

S.D. = 1.3 on 11 of 14 obs.

? APR 13, 1985 20h 54m 27.80± 8.20s
16.924 N ±149.km 62.459 W ±119.km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

FDF	2.52	150	eP	55	07.70	0.4
			S	55	39.00	
CRM	2.62	145	eP	55	08.30	-0.4
BIM	2.74	151	eP	55	09.80	-0.7
MVM	2.80	147	eP	55	11.60	0.4
SJG	3.71	289	iPd	55	24.20	-0.1

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

? APR 13, 1985 22h 28m 38.57± 0.97s
16.780 N ±20.7km 62.439 W ±21.4km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

FDF	2 38	148	eP	29	16 22	0.0
			S	29	48 60	
CRM	2 49	144	eP	29	17 37	-0.3
BIM	2.61	149	eP	29	19 20	-0.2
MVM	2.67	146	eP	29	20 66	0.5
SJG	3.78	291	eP	29	36.00	0.0
YKA	58.20	334	eP	38	31.60	0.0

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

* APR 14, 1985 00h 24m 21.37± 1.08s
9.426 S ±16.3km 113.977 E ±20.3km
DEPTH = 120.5 ± 12.9 km
4.5mb (3 obs.)
SOUTH OF JAVA (282)

TRT	2.17	322	iPd	24	57.40	0.0
			iS	25	25.00	
NAU	13.13	174	eP	27	20.00	-4.3X
			eS	29	35.00	
MEK	17.63	166	eP	28	21.00	0.0
			eS	31	17.00	
WRA	22.27	120	Pc	29	09.80	0.3
	0.7s	2.00nm				3.6mb
WB2	22.28	120	eP	29	09.30	-0.3
PKI	46.03	324	eP	32	34.90	-0.1
DMN	46.23	324	eP	32	36.70	0.1
	0.6s	13.00nm				4.9mb
KKN	46.26	324	eP	32	36.80	0.0
	0.7s	8.00nm				4.6mb

S.D. = 0.3 on 7 of 8 obs.

& APR 14, 1985 00h 47m 53.43s
60.130 N 152.782 W
DEPTH = 114.2km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.05	342	iP	48	08.58	0.8
			iS	48	21.80	
RDT	0.48	23	iP	48	10.21	-0.8
PDB	0.79	245	iP	48	12.27	-1.0
			eS	48	27.16	
NKA	0.98	51	eP	48	16.07	1.0
			eS	48	32.25	
BRLK	1.02	110	iP	48	15.20	-0.3
SPU	1.11	18	iP	48	15.53	-1.0
CRP	1.18	15	eP	48	16.54	-0.9
			eS	48	35.43	
CGLM	1.24	18	eP	48	17.11	-0 9
SLKM	1.33	72	eP	48	17.99	-0 9
SEW	1.67	89	eP	48	21.58	-1.3
SVW	1.71	306	eP	48	21.26	-2.2
MPA	1.74	77	eP	48	22.69	-1.1
PMS	1.94	53	eP	48	25.19	-1.2
PTE	2.00	67	eP	48	25.28	-1.8
			eS	48	49.13	
PWA	2.08	42	eP	48	27.66	-0.5
KDC	2.39	176	eP	48	29.71	-2.4
KNK	2.48	57	eP	48	31.01	-2.4
MSE	2.53	46	eP	48	31.72	-2.4
SML	2.75	50	eP	48	34.68	-2.2
GLI	2.91	73	eP	48	37.15	-1.9
HIN	3.14	82	eP	48	40.87	-1.3
FID	3.19	76	eP	48	39.21	-3.5
VZW	3.21	70	eP	48	40.62	-2.5
VLZ	3.33	70	eP	48	43.09	-1.6
KLU	3.63	65	eP	48	46.08	-2.7
SGAM	3.79	81	eP	48	49.06	-1.8
BALM	5.23	75	eP	49	08.83	-1.8
PCA	6.26	85	eP	49	23.55	-1.3

28 obs. associated

& APR 14, 1985 03h 46m 41.20s
37.460 N 118.620 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.1 (PAS).

TIN	0.51	142	eP	46	50.80	-0.7
			eS	46	57.80	
FRI	0.99	242	eP	46	59.50	-0.8
MNA	1.04	21	eP	47	00.00	-1.3
CWC	1.11	157	iP	47	00.90	-1.6
			eS	47	15.10	
JAS1	1.50	289	eP	47	08.30	-0 4
VPEM	1.64	157	eP	47	10.00	-0.8
WKTM	1.67	175	eP	47	11.20	0.0
ISA	1.80	176	eP	47	13.60	0.6
			eS	47	36.80	
SLD	2.11	260	eP	47	19.20	1 7
EUR	2.90	45	iP	47	34.20	5.2

10 obs. associated

14d 04h

& APR 14, 1985 04h 11m 46.30s
31.940 N 116.360 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.1 (PAS).

ENX	0.26	258	iPd	11 50.52	-1.2
			S	11 54.52	
PBX	0.36	236	iPd	11 51.68	-1.9
			S	11 56.67	
CBX	0.45	325	iPc	11 55.21	-0.2
			S	12 02.82	
IKP	0 74	17	iPc	12 00.20	-0.9
EMX	0.95	87	iPd	12 02.43	-2.3
			S	12 14.57	
CPBX	1.01	62	iPc	12 04.66	-1.2
			S	12 20.41	
SLBC	1.31	324	eP	12 09.90	-0.9
			eS	12 28.00	
GLA	1.71	49	iPc	12 14.70	-2.1
			eS	12 35.20	
SDW	2.73	348	eP	12 31.30	-0.3
9 obs. associated					

& APR 14, 1985 06h 55m 51.00s
40.502 N 124.735 W
DEPTH = 15.0km (geophysicist)
NEAR COAST OF NORTHERN CALIF. (35)
<BRK>. ML 3.4 (BRK).

FHC	0.64	62	iP	56 03.30	-0.1
			iS	56 11.70	
WDC	1.67	87	iPc	56 17.90	-2.0
MIN	2.39	93	iPc	56 28.00	-2.4
ORV	2.66	110	eP	56 31.40	-2.6
4 obs. associated					

APR 14, 1985 06h 58m 07.93± 0.16s
18.676 N ± 3.2km 145.578 E ± 3.9km
DEPTH = 212.1km (33 depth phases)
5.0mb (34 obs.)
MARIANA ISLANDS (216)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P B.: 13S, 26C
Centroid Location:
Origin Time 06:58:12.5 0.3
Lat 18.90N 0.03 Lon 145.10E 0.05
Dep 214.4 1.6 Half-duration 2.9
Moment Tensor; Scale 10**24 D-CM
Mrr= 2.09 0.16 Mtt= 0.72 0.25
Mff=-2.81 0.31 Mrt=-3.33 0.14
Mrf=-0.99 0.11 Mtf= 3.86 0.21
Principal Axes:

T	Val= 6.06	Plg=41	Azm=151
N	-0 62	48	314
P	-5 44	9	54

Best Double Couple:Mo=5.8*10**24
NP1:Strike=184 Dip=55 Slip= 155
NP2: 289 69 37

GUMO	5.11	188	eP	59 25.90	1.3
			eS	00 23.50	
PJG	5.10	188	iPc	59 25.80	1.2
GUA	5.15	187	eP	59 26.00	0.8
	0.7s	180.82nm		5.3mb	
MVI	15.06	301	eP	01 35.00	3.4X
			eS	04 19.00	
KYS	17.15	345	eP	01 56.80	0.4
OYM	17.60	343	eP	02 00.60	-0.6
SRY	17.77	343	eP	02 01.40	-1.5
TSK	18 12	346	eP	02 05 40	-1.3
DDR	18.15	343	eP	02 06.00	-1.1
MAT	18.94	341	iPc	02 14.30	-0.9
	1.0s	85.00nm		5.2mb	
Z	18s	1.89um		5.1Msz	
			eS	05 30.00	
SHK	19.53	327	eP	02 20.80	-0.3
MOM	20.66	175	iPc	02 33 20	0.6
PLP	21.24	252	ePc	02 39.60	1.3
			eS	02 48.00	
JAY	21.60	193	ePc	02 42.00	0 2
	0.9s	139.70nm		5.5mb	
CVP	22.59	271	eP	02 52.70	1.4
DAV	22.62	242	eP	02 54 00	2 3
			eS	07 34.00	
RAB	23.63	163	iPc+	03 02 00	0.6
MAN	23.80	264	eP	03 04.80	1 9
OCP	23.81	264	eP	03 07.90	4.9X
BAG	23.94	268	eP	03 05 00	0.6
			eS	07 03.00	
SSE	25.28	304	eP	03 16.60	0 0
OZH	25.79	289	eP	03 21.00	-0.3
			pP	04 00.00	197km
			S	07 31.00	
BGA	26.42	158	iPd	03 26.00	-1.2
			eS	04 27.00	
PAA	26.67	158	iPd	03 28.00	-1.4
PMG	27.95	177	iPc	03 39.30	-1.5
HKC	29.61	282	eP	03 54 00	-1.5
			e(S)	08 38.00	
SNY	29.73	326	eP	03 54.60	-1.7
			pP	04 40.80	231kmX
GZH	30.40	284	Pc	04 04.00	1.6
			sP	05 08.00	
			S	08 49.00	
			SS	10 48 00	
TIA	30.54	311	iP	04 03.80	0.2
			pP	04 43.00	190kmX
SVO	31.01	152	eP	04 07 00	-0.8
			eS	05 33.00	
KKM	31.24	250	ePc	04 10.80	0 8
	0.8s	145 90nm		5.7mb	
HNR	31.32	152	eP	04 08.00	-2.5
			eS	05 19.00	
BJI	33.07	316	eP	04 25 50	0 0
			esP	05 10.00	
			eS	10 47.00	
			esS	11 37.00	
OIZ	33.78	276	eP	04 33.60	1.8
KUPT	35.92	219	eP	04 50 00	0.2
XAN	36.02	303	eP	04 50.00	-0.6
			sP	05 54 00	
HHC	36.54	315	eP	04 54.80	-0.1
			pP	05 37.00	196km
GYA	36.65	289	Pc	04 57.00	0.9
			pP	05 39.00	195km
			sP	06 04.00	
			S	10 24.00	
			sS	11 42.00	
			SS	13 13.00	
KNA	38.00	207	iPd	05 08.50	1.3
CTA	38.53	179	iPc+	05 11.10	-0.5
	1.2s	71.09nm		5.1mb	
			iS	10 50.00	
CD2	39.65	296	eP	05 21.40	0.6
			pP	06 03.00	194km
WB2	39.93	197	iPc	05 23.70	0.6
			eScP	10 49.20	
			eS	11 11.20	
WRA	39.93	197	Pd	05 24.30	1.2
	1.1s	253.30nm		5.6mb	
KMI	40.14	287	eP	05 26.00	0.9
	8.0s	0.60nm		2.2mb x	
N	11s	1.40um			
			pP	06 09.00	201km
			S	11 18.00	
			sS	12 35.00	
			SS	14 23.00	
LZH	40.56	304	eP	05 29.00	0.6
SMY	40.61	26	eP	05 30.60	2.4
TRT	41.75	234	iPc	05 38.90	0.9
	0.6s	66.00nm		5 3mb	
ASPA	43.60	196	eP	05 53 00	0.0
			eS	12 03 00	
CHTO	44.06	278	ePc	05 55 00	-1.7
			epP	06 41 00	214km
			i	06 52.00	
ADK	44.40	33	eP	06 00.00	1.0
GTA	44.47	308	P	06 00 00	0.1
			pP	06 44.20	205km
KGM	44.58	253	ePc	06 02.30	1.4
	0.9s	141.00nm		5.4mb	
RMO	45.00	176	iPc	06 03.20	-0.8
	1.0s	247.00nm		5.6mb	
NOU	45.56	152	iPc	06 08.80	0.8
IPM	45 68	258	ePd	06 11 20	1.6
	0.9s	54.10nm		5.0mb	
			e	07 03.00	243kmX
MBL	46 94	214	iPc	06 19 40	0.1
	0 5s	261 00nm		5.9mb	
PPI	48.27	252	eP	06 30 00	0 3
	0.8s	51.90nm		5 0mb	
PSI	48 33	257	eP	06 31 00	0.8
	1.0s	109.70nm		5.2mb	
COO	49.34	173	eP	06 37.00	-0.7
CMS	49.87	180	eP	06 40.00	-1.6
SHL	49.94	288	iP	06 41.00	-1.6
			iS	13 34.00	
LSA	50.45	293	P	06 48.10	1.3
MEK	52.11	211	eP	06 58.00	-0.6
	0.4s	13 00nm		4.9mb	
YOU	52.73	177	iPc	07 02.50	-0.4
			e	08 00.90	269kmX
CAN	53 80	177	iPc	07 09.70	-1.1
			e	07 58.30	218km
			i	08 19.90	
WMO	54 24	311	P	07 13.00	-1.2
KLG	54.37	206	eP	07 14.00	-1.1
WAM	54.66	177	iPc	07 16.60	-0 4
			i	08 05.10	217km
			i	08 34.40	
PKI	55.59	291	eP	07 24.00	-0 4
	0 5s	9.00nm		4.7mb	
BFD	55.62	183	eP	07 22.00	-1.9
KKN	55.68	291	eP	07 25.20	0.2
	0.5s	8.00nm		4.7mb	
DMN	55.85	291	eP	07 26.50	0.3
	0.5s	15.00nm		4.9mb	
TOO	55.94	180	iPc	07 25.70	-0.5
BAL	56.32	210	eP	07 27.00	-2.0
KLB	56.66	208	iPd	07 31.00	-0.4
NWAO	58.03	208	eP	07 40.00	-0.9
RKG	59.09	208	eP	07 52.00	3.8X
KDC	59.48	33	eP	07 48.40	-2.2
PMR	62.03	29	P	08 08.50	0.9
	0.9s	37.50nm		5.2mb	
PME	62.08	29	eP	08 07.00	-1.0
	1.0s	85.00nm		5.5mb	
BRW	62.31	18	eP	08 09.50	0.2
NDI	62.67	293	eP	08 11.30	-1.2
			eS	16 20.00	
FBA	63.37	26	eP	08 15.00	-1.4
GNZ	64.62	152	P	08 23.20	-1.6
TCW	65.26	156	P	08 27.80	-1.0
			e	09 42.30	334kmX
GBA	65.32	277	Pc	08 30.30	0 6
	0.3s	4.50nm		4.7mb	
KOD	66.17	273	eP	08 36.00	0 4
MSZ	66.26	163	P	08 34.10	-1.0
PNL	66.51	32	eP	08 51.00	14.3X
POO	67.51	283	eP	08 45.00	1.4
			iS	17 24.00	
INK	69.45	23	ePc	08 54.00	-0 6
	0.5s	18.00nm		5 1mb	
MBC	73.20	14	eP	09 16.50	-0 3
	0.5s	12.00nm		4.9mb	
MHI	76.12	304	eP	09 34.00	-0.3
PGC	76.85	43	eP	09 40.00	2.2
KHI	77.30	302	e(P)	09 34.00	-6.9X
YKA	78.06	28	eP	09 44.70	0 5
YKC	78.13	28	ePc	09 44.50	-0 1
	0.6s	16.00nm		4 9mb	
ALE	78.16	4	ePc	09 44.70	0.2
	1.0s	35.00nm		5.0mb	
PNT	79.12	42	eP	09 50.00	-0.3
WDC	79.48	51	eP	09 53.40	1.0
MIN	80.23	51	eP	09 57.00	0 4
ORV	80.53	52	ePc	09 58.70	0 7
			i	10 52.00	221km
NEW	81.01	42	eP	10 01.00	0 7
			e	10 53.00	215km
EDM	81.67	37	ePc	10 04.00	0 4
JAS1	81.81	53	ePc	10 05.70	0 6
			i	11 04.70	246kmX
KEV	81.92	342	eP	10 03 00	-1 6
			e	10 55 00	214km
FRI	82.63	54	eP	10 09.80	1 0
SYP	83.17	56	eP	10 13.00	1 1
			e	11 08.00	227km
SOD	83.34	340	iP	10 11.20	-0 7
			i	11 05.20	223km
MNA	83.35	52	ePc	10 14.00	1 3
			i	11 07.70	221km
BMN	83.40	50	P	10 14.00	1.1
	1.1s	11.36nm		4.5mb	
			pP	11 05.50	211km
SHI	83.53	299	eP	10 12.00	-1 8
SES	84.02	39	ePc	10 11.00	-4.7X
			pP	11 07.00	231kmX
DAG	84.29	356	eP	10 09.00	-7.5X

CLC 84.61 54 eP 10 19.00 0.0
e 11 11.00 213km
EUR 84.62 50 iP 10 20.20 1.0
0.8s 7.67nm 4.5mb
KJF 84.70 337 iP 10 17.00 -1.8
0.6s 23.50nm 5.1mb
i 11 11.90 226km
PAS 84.71 56 eP 10 21.00 1.6
e 11 10.00 200km
MWC 84.77 56 eP 10 20.00 0.0
e 11 14.00 222km
SBB 84.80 55 eP 10 20.00 0.0
e 11 11.00 209km
LRM 84.84 43 ePc 10 20.80 0.7
YMT3 85.20 53 P 10 23.00 1.1
pP 11 13.00 204km
RVR 85.38 56 eP 10 23.00 0.2
e 11 16.00 217km
GSC 85.39 54 eP 10 24.00 1.1
PLM 86.00 56 eP 10 26.00 -0.1
e 11 19.00 217km
PRN 86.01 52 P 10 27.10 1.1
pP 11 21.50 223km
SUF 86.11 336 eP 10 23.00 -2.7
TPC 86.38 55 eP 10 27.00 -0.7
e 11 19.00 212km
FFC 87.17 32 iPc 10 31.50 0.5
1.0s 31.00nm 5.1mb
GLA 87.70 56 eP 10 35.00 0.9
e 11 26.00 207km
BDW 87.91 45 P 10 37.10 2.0
1.0s 2.00nm 3.9mb X
pP 11 29.00 211km
NUR 87.97 335 eP 10 31.00 -3.7X
Z 24s 0.40um 4.7MszX
e 11 28.00 234kmX
LR 49 20.00
RMU 89.16 51 P 10 41.50 0.4
pP 11 36.50 224km
UPP 91.12 337 iP 10 47.20 -2.2
GOL 92.08 47 P 10 56.00 1.4
1.0s 7.50nm 4.7mb
pP 11 50.00 219km
GLD 92.16 47 P 10 57.00 2.1
1.0s 20.00nm 5.1mb
Z 20s 0.80um 5.2Msz
pP 11 49.00 210km
HFS 92.36 338 eP 10 53.00 -2.1
0.4s 4.40nm 4.9mb
Z 16s 0.72um 5.2MszX
LR 48 33.00
NB2 92.55 340 P 10 54.20 -1.9
0.6s 2.10nm 4.4mb
ALQ 93.37 52 eP 11 01.00 0.5
1.2s 12.50nm 4.9mb
Z 20s 0.53um 5.0Msz
e 11 54.00 215km
RSON 93.48 33 P 11 00.00 -0.5
1.0s 8.00nm 4.8mb
pP 11 50.00 202km
FRB 93.67 14 eP 11 00.00 -1.1
VRI 95.28 322 eP 11 08.00 -0.8
LTX 97.94 56 P 11 22.00 0.7
pP 12 29.00 278kmX
JCT 100.39 53 ePdiff 11 32.00 -0.2
e 12 20.50
SPA 108.56 180 e(PKP) 16 12.00 -0.3
MTD 117.43 260 ePKP 16 30.00 -0.7
BUL 120.85 257 ePKP 16 31.00 -6.2X
BNG 123.01 288 ePKPc 16 39.30 -2.1
1.2s 10.60nm
KIC 141.59 308 ePKP 17 10.90 -5.5X
PEL 144.54 121 ePKP 17 21.10 0.1
ARE 144.63 92 iPKPc 17 21.50 -0.4
RFA 145.83 125 ePKPc 17 23.80 0.7
MDZ 146.09 121 e(PKP) 17 16.80 -6.8X
ANT 146.13 105 ePKP 17 25.00 1.2
LPB 147.86 92 PKP 17 27.00 -0.3
1.2s 93.75nm
CCH 149.83 93 ePKP 17 31.00 0.8
i 17 36.00
TCA 150.00 121 ePKPd 17 35.00 5.2X
SLA 150.55 107 ePKPd 17 36.80 5.9X
YJA 150.69 102 ePKPc 17 32.00 0.4
S.D. = 1.1 on 146 of 159 obs.

• APR 14, 1985 07h 12m 56.95± 0.86s
35.905 N ± 9.1km 27.406 E ± 8.2km
DEPTH = 33.0km (normal)
DODECANESE ISLANDS (369)
ML 3.8 (ATH).

YER 1.42 30 iPg 13 21.80 1.1
NPS 1.60 247 iPd 13 25.20 2.0
eS 13 44.10
ELL 2.19 67 iPn 13 34.00 2.1
IZM 2.49 357 iPn 13 35.00 -1.1
BCK 2.99 58 iPn 13 44.00 0.7
PRK 3.45 345 eP 13 49.50 -0.2
ATH 3.60 306 eP 13 50.60 -1.2
eS 14 30.00
DST 3.82 14 iPn 13 53.70 -1.2
GVI 7.56 122 P 14 47.00 -0.6
eS 16 08.00
PRNI 8.44 129 P 14 58.00 -1.9
eS 16 27.00
KBA 15.32 321 iP 16 32.80 0.3
e 17 10.00
S.D. = 1.5 on 11 of 11 obs.

APR 14, 1985 07h 24m 08.12± 0.59s
34.160 N ± 8.6km 135.029 E ± 4.8km
DEPTH = 10.0km (geophysicist)
NEAR S. COAST OF SOUTHERN HONSHU(233)
Felt (II JMA) at Wakoyama.

WKY 0.13 60 iPc 24 11.00 -0.3
iS 24 13.00
TKS 0.39 256 Pd 24 16.00 0.0
iS 24 22.70
TKM 0.82 281 eP 24 24.00 0.0
eS 24 36.00
SHJ 0.94 139 eP 24 26.00 0.0
iS 24 36.80
MAT 3.52 47 eP 25 04.00 0.0
iS 25 59.40
SRY 3.78 66 eP 25 07.50 -0.2
DDR 3.88 61 eP 25 09.50 0.4
TSK 4.64 62 eP 25 24.90 5.1X
S.D. = 0.2 on 7 of 8 obs.

• APR 14, 1985 07h 42m 03.85± 1.07s
17.114 S ±26.1km 179.152 W ±18.4km
DEPTH = 515.4 ± 17.0 km
4.6mb (5 obs.)
FIJI ISLANDS REGION (181)

AFI 7.79 67 P 43 59.00 -0.6
NOU 14.51 247 iPc 45 10.50 1.5
COO 29.58 238 iPc 47 28.20 0.0
0.4s 19.00nm 5.0mb
RMO 31.15 247 iPc 47 42.10 0.5
0.7s 70.00nm 5.3mb
CAN 33.63 231 eP 48 02.30 -0.2
YOU 33.69 233 eP 48 03.00 0.1
WAM 34.08 230 iPc 48 06.80 0.6
CMS 34.81 239 eP 48 12.00 -0.3
TOO 37.13 236 eP 48 32.00 0.6
WB2 44.07 259 eP 49 26.30 -1.1
WRA 44.08 259 P 49 28.00 0.5
0.7s 4.70nm 4.1mb
ASPA 44.33 253 eP 49 29.00 -0.4
KNA 49.85 264 iPd 50 11.70 0.4
MBL 57.49 256 eP 51 04.00 -1.6
0.5s 23.00nm 4.8mb
KLB 58.54 243 eP 51 11.00 -1.7
BMN 81.11 43 eP 53 26.80 0.6
1.0s 2.50nm 3.7mb
COL 85.19 13 eP 53 45.50 -0.3
YKA 93.91 25 eP 54 27.40 1.0
CLL 144.53 347 iPKPd 00 42.90 0.5
1.3s 19.00nm
S.D. = 0.9 on 19 of 19 obs.

% APR 14, 1985 08h 31m 55.84± 0.72s
44.452 N ± 5.2km 6.774 E ± 9.9km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.8 (LDG).

FRF 0.90 186 Pg 32 13 20 0.2
Sg 32 24.40
LRG 1.04 197 Pg 32 15.60 0.1
Sg 32 29.80
LMR 1.13 190 Pg 32 17.60 0.5
Sg 32 32.30
CVF 2.42 140 Pn 32 35.50 -0.6
Sn 33 03.20
SMF 3.01 318 Pn 32 44.20 -0.2
Sg 33 34.00
AVF 3.35 315 Pn 32 50.00 0.7
CAF 3.39 280 Pn 32 48.80 -1.1
BGF 3.47 309 Pn 32 51.20 0.2
Sg 33 48.20
HAU 3.57 355 Pn 32 52.60 0.2
S.D. = 0.7 on 9 of 9 obs.

• APR 14, 1985 08h 53m 06.46± 0.63s
26.586 N ±11.8km 127.206 E ± 9.4km
DEPTH = 84.0 ± 6.7 km
4.4mb (5 obs.)
RYUKYU ISLANDS (238)
Felt (I JMA) on Kume-shima.

KMJ 0.44 235 iPd 53 20.60 0.4
iS 53 30.10
NAH 0.56 131 eP 53 21.00 -0.3
S 53 31.10
NGO 0.69 89 P 53 22.10 -0.4
iS 53 31.20
TWC 5.22 249 eP 54 24.00 0.4
SSE 6.93 312 eP 54 47.50 0.2
MAT 13.64 41 iPc 56 24.00 6.4X
PKI 37.10 281 eP 00 10.60 -0.3
0.5s 7.00nm 4.8mb
KKN 37.18 282 eP 00 11.40 0.0
0.5s 8.00nm 4.9mb
WRA 46.77 171 Pd 01 29.40 0.2
0.5s 2.10nm 4.3mb
WB2 46.77 171 eP 01 29.10 -0.2
HFS 78.08 332 eP 04 55.80 -1.4
0.4s 0.80nm 4.0mb
NB2 78.59 333 P 04 59.00 -1.1
0.4s 0.20nm 3.4mb
YKA 78.59 25 eP 05 02.60 2.6
S.D. = 1.2 on 12 of 13 obs.

? APR 14, 1985 09h 14m 36.93± 1.10s
66.344 N ±12.8km 149.826 W ± 8.7km
DEPTH = 10.0km (geophysicist)
ALASKA (676)

IMA 1.59 262 eP 15 06.00 0.7
COL 1.68 149 eP 15 07.00 0.6
i 15 09.40
eS 15 26.00
FBA 1.68 149 eP 15 06.50 0.1
TTA 4.34 221 eP 15 43.40 -1.1
DWY 4.94 113 P 15 03.00 -49.9X
INK 6.60 65 eP 16 16.00 -0.3
S.D. = 1.0 on 5 of 6 obs.

APR 14, 1985 09h 30m 57.43± 0.41s
33.957 S ± 7.6km 72.020 W ± 5.2km
DEPTH = 33.0km (normal)
4.8mb (15 obs.) 4.7Msz (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

PCH 1.30 75 iPc 31 19.60 0.1
PEL 1.38 54 iP 31 21.00 0.4
MDZ 2.86 69 iP 31 43.50 1.7
RFA 3.05 106 ePd 31 46.50 2.0
S 32 31.50
RTCV 3.60 55 ePc 31 53.50 1.2
S 32 42.80
RTCB 3.67 49 ePc 31 54.60 1.3
(S) 32 41.30
ZON 3.70 50 eP 31 56.00 2.3
eS 32 56.00
CFA 3.95 55 ePd 31 57.70 0.4
S 32 51.20
RTLL 3.98 50 ePc 31 58.70 1.0
S 32 51.20
TCA 6.79 69 ePc 32 34.90 -2.5
S 33 53.20
FSA 9.41 35 e(P) 33 10.00 -3.8X
ANT 10.31 8 eP 33 31.00 4.9X
eS 35 45.00
SLA 10.81 33 e(P) 33 33.00 -0.2
YJA 13.07 28 e(P) 34 01.80 -2.0
CCH 17.33 19 iP 35 04.50 5.8X

14d 09h

ARE		17.43	2	iP	34 59.80	-0.2
LPB		17.71	12	P	35 05.00	1.4
		1.0s	140.00nm		5.0mb	
ZOBO		17.96	12	eP	35 04.80	-2.1
		1.1s	118.91nm		4.9mb	
NNA		22.31	347	eP	35 52.50	-1.2
		1.2s	26.56nm		4.6mb	
VAO		24.51	70	eP	36 14.40	-0.7
BAO		28.32	56	e(P)	36 48.00	-2.4
BOG		38.42	357	eP	38 19.00	0.9
ITR		39.78	59	eP	38 26.60	-2.5
		0.9s	7.60nm		4.5mb	
SPA		56.22	180	eP	40 36.90	0.3
		1.0s	9.50nm		4.8mb	
JCT		69.25	335	eP	42 03.00	-0.2
LTX		69.70	331	P	42 06.00	0.0
		1.1s	8.94nm		4.7mb	
BHO		71.28	340	eP	42 15.30	-0.1
TUL		72.97	340	eP	42 24.40	-1.0
		0.9s	20.80nm		5.1mb	
			e	42	32.70	
RLO		73.00	341	eP	42 24.50	-1.1
FVM		73.59	345	P	42 27.50	-1.5
		1.0s	30.00nm		5.2mb	
KIC		75.85	72	eP	42 37.00	-0.9
ALQ		75.75	331	eP	42 41.90	0.2
		1.1s	9.18nm		4.7mb	
	2	20s	0.35um		4.7Msz	
GLA		77.86	324	P	42 53.00	-0.3
PLM		79.10	323	eP	43 01.00	0.7
TPC		79.31	324	eP	43 02.00	0.8
RMU		79.44	329	P	43 03.50	1.5
GOL		79.52	334	P	43 03.00	0.5
		1.0s	5.00nm		4.5mb	
RVR		79.87	323	eP	43 05.00	0.8
PAS		80.39	323	eP	43 00.00	-7.0X
MWC		80.40	323	eP	43 08.00	0.8
GSC		80.64	324	eP	43 10.00	1.6
SBB		80.65	323	eP	43 09.00	0.6
CLC		81.43	324	eP	43 13.00	0.5
PRN		81.52	327	P	43 14.20	1.2
YMT3		81.65	325	P	43 13.50	-0 1
EUR		83.63	327	iP	43 25.20	1.2
		1.0s	10.58nm		4.9mb	
BDW		83.74	333	P	43 24.80	0.3
		1.0s	3.80nm		4.5mb	
JAS1		84.49	324	P	43 30.00	2.0
		1.0s	6.00nm		4.7mb	
BMN		84.96	327	P	43 31.00	0.5
RSON		86.59	346	P	43 37.30	-0.9
		1.1s	10.47nm		5.0mb	
NEW		91.24	332	P	44 00.00	-0.2
		1.0s	5.00nm		4.8mb	
EDM		93.95	337	ePc	44 11.90	-0.7
YKA		102.82	341	ePdiff	44 49.00	0.1
WB2		120.80	209	ePKP	49 47.20	-1.0
WRA		120.81	209	PKP	49 48.00	-0.2
		0.7s	1.20nm			
NUR		122.07	35	ePKP	49 48.00	-1.3
SUF		123.22	33	iPKP	49 50 20	-1.2
SOD		124.13	28	ePKP	49 52.00	-1.1
KJF		124.15	31	ePKP	49 52.00	-1.3
PPI		145.03	167	ePKP	50 33.50	0.0
GBA		145.69	119	PKPc	50 30.80	-3.8X
		0.2s	4.50nm			
GBA		145.69	119	PKP	50 34.00	-0.6
POO		145.94	108	iPKPc	50 36.00	1.0
PSI		147.77	163	ePKPd	50 40.70	2.7X
HYB		148.93	115	ePKPc	50 43.30	3.5X
	S.D. = 1.2		on	58 of	65 obs.	

% APR 14, 1985 10h 33m 57.57± 0.99s
40.722 N ± 7.3km 29.200 E ±10.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV		0.20	140	iPg	34 01.50	-0.6
ISK		0.36	343	iPg	34 05.80	0.8
				iSg	34 10.80	
CTT		0.72	306	iPg	34 10.20	-1.6
EDC		1.09	250	iPg	34 18.00	0.0
				iSg	34 30.00	
DST		1.20	202	ePn	34 20.70	0.8
DMK		1.55	316	ePn	34 25.70	0.5
	S.D. = 1.2		on	6 of	6 obs.	

APR 14, 1985 11h 48m 43.76± 0.33s
11.097 S ± 6.9km 73.876 W ± 8.3km
DEPTH = 106.0km (6 depth phases)
4.6mb (14 obs.)
PERU (116)

NNA		3.04	253	iPc	49 31.80	0.8
		0.5s	380.28nm			
				eS	50 06.00	
ZOBO		7.59	133	ePc	50 35.00	1.0
LPB		7.79	135	Pd	50 37.20	0.7
		1.0s	100.00nm		5.4mb	
CCH		9.76	131	Pc	51 03.80	0.7
PSO		12.68	344	eP	51 40.60	-1.3
YJA		13.62	145	eP	51 52.20	-1.9
BOG		15.62	359	eP	52 24.00	4.4X
SDV		20.11	9	eP	53 11.80	0.1
UPA		20.73	344	iPd	53 19.20	1.5
		1.0s	50.00nm		4.8mb	
TOV		21.14	11	eP	53 24.50	2.5
VAO		28.26	118	e(P)	54 28.00	-1.2
JCT		48.27	330	eP	57 16.00	-0.1
		1.0s	4.50nm		4.3mb	
LTX		49.41	325	P	57 24.50	-0.5
				pP	57 50.00	107km
BHO		49.42	337	eP	57 25.40	0.6
RLO		51.07	338	iPc	57 37.00	-0.3
				i	59 03.00	429kmX
				i	59 14.20	
TUL		51.13	337	iP	57 37.40	-0.4
		1.2s	38.70nm		5.3mb	
				e	58 04.00	112km
				e	58 15.80	
FVM		51.22	343	P	57 37.10	-1.4
		1.0s	30.00nm		5.2mb	
ALQ		55.22	327	eP	58 06.20	-2.0
		1.0s	5.50nm		4.5mb	
				e	58 34.00	116km
GLD		58.37	332	P	58 31.00	0.6
GOL		58.40	332	P	58 30.50	-0.2
GLA		58.75	320	P	58 33.50	0.5
RMU		59.24	326	P	58 37.00	0.5
PRN		61.79	323	P	58 54.00	0.2
YMT3		62.19	322	P	58 57.10	0.7
				pP	59 22.00	99km
BDW		62.77	331	P	58 59.50	-0.8
		1.0s	3.60nm		4.3mb	
				pP	59 25.00	102km
EUR		63.73	325	iP	59 07.20	0.5
		0.9s	4.14nm		4.4mb	
RSON		64.07	346	P	59 07.30	-1.1
		1.0s	12.00nm		4.8mb	
BMN		65.08	325	P	59 16.00	0.7
		0.8s	1.76nm		4.0mb	
				pP	59 41.00	99km
SCH		65.93	4	eP	59 20.00	-0.3
FFC		69.73	343	eP	59 43.00	-0.9
		1.0s	7.00nm		4.4mb	
NEW		70.40	331	P	59 48 50	0.3
		1.0s	4.00nm		4.2mb	
PNT		72.32	331	eP	00 00.00	0.4
		0.8s	8.00nm		4.6mb	
EDM		72.37	336	iPc	59 59.40	-0.5
FRB		74.73	2	eP	00 13.00	-0.2
YKC		79.81	342	ePc	00 41.00	-0.4
		1.0s	13.00nm		4.7mb	
YKA		79.86	342	eP	00 42.10	0.4
INK		89.59	341	ePc	01 30.80	0.6
MBC		91.20	350	eP	01 38.00	0.5
COL		93.27	336	eP	01 47.00	-0.2
BJI		149.83	345	ePKP	08 24.50	6.4X
	S.D. = 0.9		on	38 of	40 obs.	

? APR 14, 1985 13h 42m 23.04± 0.79s
26.443 S ±13.5km 175.797 W ±22.4km
DEPTH = 33.0km (normal)
SOUTH OF TONGA ISLANDS (175)

RAO		3.37	213	P	43 15.00	0.4
				S	43 54.00	
MNG		15.88	205	eP	46 05.00	-0.7
				eS	48 06.00	
WB2		46.05	267	eP	50 45.80	0.1
SPA		63.71	180	e(P)	52 54.00	0.5
NB2		145.09	354	PKP	01 58.10	0.0
		1.1s	17.30nm			
UPP		145.33	348	iPKP	01 58.00	-0.4
HFS		145.69	352	ePKP	01 59.30	0.2

0.6s 1.80nm
S.D. = 0.5 on 7 of 7 obs.

& APR 14, 1985 14h 26m 55.87s
60.327 N 150.003 W
DEPTH = 55.7km
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

SLKM		0.21	329	iP	27 05.10	0.1
				iS	27 12.05	
SEW		0.36	129	iP	27 05.77	-0.3
				iS	27 12.80	
MPA		0.36	63	iP	27 05.95	-0.2
NNL		0.71	247	iP	27 10.77	0.7
				eS	27 20.62	
BRLK		0.72	218	iP	27 10.15	-0.1
				iS	27 20.21	
PTE		0.72	41	iP	27 09.94	-0.3
NKA		0.74	305	iP	27 11.85	1.4
				eS	27 21.52	
PMS		0.95	13	iP	27 13.05	-0.2
RDT		1.22	283	iP	27 16.55	-0.4
				eS	27 32.23	
SPU		1.32	311	iP	27 18.27	-0.1
KNK		1.33	34	eP	27 17.94	-0.5
				eS	27 34.89	
PWA		1.33	3	eP	27 17.97	-0.5
				iS	27 32.26	
PLRM		1.34	18	iP	27 18.07	-0.5
PME		1.39	20	eP	27 18.89	-0.4
CGLM		1.39	316	iP	27 19.26	-0.1
ILM		1.41	265	iP	27 19.21	-0.4
CRP		1.42	313	iP	27 19.78	0.0
GLI		1.54	68	iP	27 19.82	-1.5
TTV		1.59	61	eP	27 21.05	-1.1
MSE		1.60	18	iP	27 21.63	-0.7
SML		1.69	28	iP	27 23.05	-0.5
HIN		1.74	86	iP	27 22.39	-1.8
FID		1.79	75	iP	27 22.71	-2.2
				eS	27 43.13	
VZW		1.85	65	iP	27 24.22	-1.5
VLZ		1.98	64	eP	27 26.06	-1.4
SCM		1.99	40	eP	27 27.59	-0.2
PDB		2.17	257	eP	27 29.56	-0.6
KLU		2.31	58	iP	27 31.31	-1.0
SGAM		2.39	84	iP	27 30.85	-2.4
TOA		2.57	44	eP	27 35.93	0.0
SVW		2.87	288	eP	27 38.66	-1.6
KDC		2.89	208	eP	27 38.76	-1.6
SNH		3.57	89	eP	27 46.67	-3.5
BALM		3.83	76	eP	27 50.73	-3.1
COL		4.70	12	iPd	28 04.90	-1.0
				eS	28 54.00	
PCA		4.87	88	eP	28 04.56	-3.8
YKA		16.95	67	eP	30 48.10	-2.2
YKC		17.01	67	eP	30 48.00	-3.0
	38 obs. associated					

% APR 14, 1985 14h 49m 58.30± 1.36s
39.040 N ± 7.9km 29.752 E ±15.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST		1.04	303	iPn	50 16.60	-1.3
TTK		1.51	299	iPn	50 25.80	0.4
YLV		1.55	349	iPn	50 26.20	0.1
BNT		1.93	313	iPn	50 37.50	6.0X
EDC		1.96	312	ePn	50 36.00	4.1X
IZM		2.05	253	iPn	50 34.50	1.2
YER		2.23	212	ePn	50 34.90	-1.0
ELL		2.29	177	ePn	50 37.00	0.1
KGT		2.36	308	ePn	50 38.00	0.4
	S.D. = 1.1		on	7 of	9 obs.	

% APR 14, 1985 15h 34m 17.58± 1.02s
31.417 S ± 8.7km 68.242 W ± 7.0km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA		0.19	179	iPc	34 22.50	0.7
				S	34 28.10	
RTLL		0.21	294	iPc	34 22.50	0.3
				S	34 27.00	
RTCB		0.48	262	iP	34 27.30	-0.1
				S	34 36.00	
RTCV		0.51	210	iP	34 27.30	-0.6

			S	34 37.30		
TCA	3.12	90	ePc	35 07.60	-0.3	
			S	35 45.50		
S.D. = 0.7			on	5 of 5 obs.		

% APR 14, 1985 15h 55m 24.95± 1.23s
39.094 N ± 7.7km 27.685 E ±15.4km
DEPTH = 10 0km (geophysicist)
TURKEY (366)

IZM	0.77	206	iPg	55 40.00	0.0	
			iSg	55 52.50		
EDC	1.26	6	iPn	55 48.00	-0.3	
BNT	1.27	8	iPn	55 49.10	0.5	
EZN	1.28	305	iPn	55 48.80	0.1	
KGT	1.39	348	iPn	55 50.00	-0.3	
S.D. = 0.5			on	5 of 5 obs.		

• APR 14, 1985 17h 03m 11.86± 1.40s
13.530 N ± 9.9km 145.609 E ±13.1km
DEPTH = 56.8 ± 11.7 km
4.4mb (4 obs.) 3.8Msz (1 obs.)
MARIANA ISLANDS (216)

GUA	0.68	271	iPd	03 25.80	0.0	
			eS	03 33.50		
GUMO	0.72	275	ePd	03 26.50	0.2	
PJG	0.72	275	iPd	03 26.50	0.2	
MAT	23.86	345	eP	08 20.00	-0.9	
	0.9s		9.24nm		4.3mb	
Z	20s		0.35um		3.8Msz	
			eS	12 38.00		
DL2	32.99	324	eP	09 43.50	0.0	
CN2	34.77	334	eP	09 57.60	-1.2	
WB2	35.06	199	eP	10 00.30	-1.2	
WRA	35.06	199	Pd	10 00.90	-0.6	
	0.9s		3.60nm		4.3mb	
BJI	36.94	321	eP	10 17.00	-0.2	
HHC	40.29	319	eP	10 46.00	0.8	
GTA	47.75	311	eP	11 46.80	1.4	
KKN	57.70	294	eP	12 59.70	0.1	
WMQ	57.70	313	eP	12 50.50	-8.6X	
MSZ	61.37	162	eP	13 31.00	6.9X	
COL	67.97	25	eP	14 06.00	-0.7	
INK	74.15	22	eP	14 43.00	-0.7	
			pP	14 55.00	40kmX	
MHI	79.03	305	eP	15 14.00	2.2	
YKA	82.58	27	eP	15 30.60	0.8	
YKC	82.64	27	eP	15 30.00	-0.2	
NEW	84.80	42	eP	15 42.00	0.5	
EDM	85.77	36	eP	15 46.50	0.3	
CLC	87.60	54	eP	15 55.00	-0.5	
SBB	87.70	55	eP	15 57.00	0.9	
EUR	87.88	50	iP	16 02.50	5.5X	
	0.8s		2.95nm		4.5mb	
SOD	88.17	340	eP	15 54.00	-3.5X	
GSC	88.35	54	eP	16 05.00	5.8X	
LRM	88.54	43	eP	16 00.80	0.7	
PLM	88.82	56	eP	16 08.00	6.4X	
TPC	89.27	55	eP	16 09.00	5.4X	
KJF	89.43	337	eP	16 03.00	-0.6	
SUF	90.81	336	eP	16 09.00	-1.0	
NB2	97.36	339	P	16 38.00	-2.2	
	0.9s		1.40nm		4.5mb	
BNG	124.51	285	iPKPd	22 07.70	0.3	
	1.0s		7.90nm			
KIC	144 54	302	ePKP	22 43.90	-0.7	
LPB	147.33	100	ePKP	22 52.00	2.4	
S.D = 1.1			on	28 of 35 obs.		

• APR 14, 1985 17h 06m 52.30± 0.72s
38.159 N ±11.8km 38.521 E ± 8.3km
DEPTH = 33.0km (normal)
TURKEY (366)

MSL	4 09	114	eP	07 55.00	0.8	
			iS	08 56.50		
ANTO	4.78	293	ePn	08 04.80	0.9	
			ePg	08 24.00		
			eS	09 27.00		
RTB	5.25	163	eP	08 25.00	14.5X	
			iS	09 44.00		
			i	09 58.00		
HRI	5.38	206	eP	08 12.00	-0.4	
TAB	6.16	88	eP	08 43.00	19.5X	
BHD	6.82	134	eP	08 49.00	16.4X	
			iS	10 28.00		
			i	10 45 00		
			i	11 05.00		
			i	11 35.00		
KER	7.91	116	e(P)	08 53.00	5.0X	
MHI	16.81	90	iPd	10 46 20	-0.6	
PRU	20.80	312	eP	11 32.50	-0.5	
KHC	21.02	309	P	11 35.10	-0.3	
S.D. = 0.9			on	6 of 10 obs.		

? APR 14, 1985 17h 49m 20.75± 5.98s
31.450 S ±35.9km 68.733 W ±41.6km
DEPTH = 113.6 ± 43.3 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.07	237	iPd	49 37.00	0.1	
			S	49 47.80		
RTLL	0.26	62	iPd	49 37.20	-0.1	
			S	49 48.80		
CFA	0.45	110	iPd	49 38.00	0.0	
			S	49 49.80		
MDZ	1.43	184	iP	49 47.40	0.0	
			iS	50 05.60		
TCA	3.54	89	ePc	50 15.00	0.0	
			S	50 54.00		
S.D. = 0.1			on	5 of 5 obs.		

? APR 14, 1985 18h 16m 16.79±11.12s
31.170 S ±50.2km 69.037 W ±79.8km
DEPTH = 117.2 ± 63.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.38	147	iPd	16 34.00	-0.1	
			S	16 45.60		
RTLL	0.51	108	iPd	16 34.90	0.1	
			S	16 47.20		
CFA	0.81	123	iPd	16 37.00	-0.1	
			S	16 57.10		
RTCV	0.81	148	ePc	16 37.20	0.1	
			S	16 49.50		
TCA	3.81	94	iPd	17 14.70	0.0	
			S	17 56.20		
S.D. = 0.2			on	5 of 5 obs.		

% APR 14, 1985 20h 01m 39.24± 0.97s
40.710 N ± 6 6km 29.164 E ± 8.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.21	132	iPg	01 42.80	-1.1	
ISK	0.36	347	iPg	01 47.80	1.1	
			iSg	01 52.70		
CTT	0.71	308	iPg	01 52.40	-0.8	
			iSg	02 00.50		
BNT	1.01	250	iPn	01 57.90	-0.5	
EDC	1.06	250	iPn	01 57.00	-2.1	
DST	1.18	201	iPn	02 02.60	1.4	
TTK	1.27	223	iPn	02 04.20	1.3	
KGT	1.44	260	iPn	02 05.20	-0.2	
DMK	1.54	317	iPn	02 06.80	0.1	
ALT	1.81	156	ePn	01 15.40	-55.3X	
EZN	2.34	249	ePn	02 19.30	0.9	
S.D. = 1.3			on	10 of 11 obs.		

• APR 14, 1985 20h 06m 33.00± 1.47s
38.802 S ± 9.0km 175.993 E ± 9.6km
DEPTH = 110.9 ± 20.8 km
NORTH ISLAND, NEW ZEALAND (159)

WNZ	0.19	27	P	06 48.40	-0.1	
TUA	0.90	91	P	06 53.30	-0.3	
KRP	0.95	338	P	06 54.20	0.2	
			S	07 07.00		
WIZ	1.58	37	P	07 01.00	-0.2	
			S	07 24.80		
GNZ	1.60	85	iPd	07 01.70	0.3	
MNG	1.86	192	P	07 05.10	0.4	
WEL	2.65	200	P	07 15.00	-0.1	
			S	07 54.00		
SNZO	2.69	201	e(P)	07 15.50	-0.1	
			i	07 21.80		
			eS	07 55.00		
TCW	2.75	208	P	07 16 00	-0.3	
KKZ	4.93	200	eP	07 32.80	-13.2X	
			S	08 19 00		
CMZ	5 41	207	P	08 06.00	13.4X	
			S	08 49 00		
S.D. = 0.3			on	9 of 11 obs.		

APR 14, 1985 20h 28m 13.28± 0.84s
6.464 S ± 7.4km 148.881 E ±10.1km
DEPTH = 57.1 ± 11.0 km
4 7mb (3 obs.)
NEW BRITAIN REGION (192)

LAT	1.88	264	eP	28 44.00	0.5	
LMG	2.53	197	iPd	28 51.60	-1 3	
PMG	3.39	210	eP	29 06.00	1.1	
RAB	3.98	56	eP	29 13.00	-0.2	
MOM	4.63	341	eP	29 22.50	0.1	
JAY	9.05	295	ePc	30 29.50	5.6X	
CTA	13.78	190	iPc	31 28.20	0 7	
	0.6s		9.00nm		4.6mb	
WB2	19.46	225	eP•	32 36.90	-1.4	
			eS	36 04.20		
WRA	19.47	225	Pc	32 37.80	-0.6	
	0.6s		6.30nm		4.1mb	
RMQ	19.91	180	eP	32 43.00	-0.1	
	0.9s		192.00nm		5.4mb	
ASPA	22.36	219	eP	33 08.00	0.1	
			eS	37 10.00		
NAU	35.93	240	eP	35 16.00	5.7X	
SPA	83.58	180	e(P)	40 38.00	1.5	
COL	84.89	22	eP	40 42.50	-0 4	
S.D. = 1.0			on	12 of 14 obs.		

• APR 14, 1985 20h 44m 36.99± 1.65s
43.263 N ±13.2km 19.829 E ± 9.6km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.5 (TTG).

PLE	0.32	282	ePg	44 43.30	-0.5	
			eSg	44 50.00		
IVA	0.39	173	ePg	44 44.50	-0.6	
			eSg	44 51.20		
PVY	0.68	171	ePg	44 49.80	-0.7	
			eSg	45 00.50		
TTG	0.93	207	ePg	44 55.50	0.7	
			eSg	45 10.00		
BRY	1.01	249	ePg	44 56.50	0.3	
			eSg	45 13.20		
ULC	1.37	198	ePg	45 05.80	3.7X	
			iSg	45 27.00		
SKO	1.75	137	iP	45 08.00	0.4	
OHR	2.27	161	eP	45 15.50	0.4	
S.D. = 0.7			on	7 of 8 obs.		

• APR 14, 1985 21h 39m 03.47± 0 86s
47.231 N ±18.8km 153.102 E ± 8 9km
DEPTH = 33.0km (normal)
4.8mb (10 obs.)
KURIL ISLANDS (221)

COL	35.79	39	iP	46 01.70	0.6	
	0.8s		16.04nm		5 0mb	
INK	41.26	33	eP	46 47.00	0 5	
MBC	44.15	20	eP	47 11.00	1 0	
YKA	50.54	37	eP	48 00.90	0 7	
YKC	50.60	37	eP	48 01.00	0 4	
	0.6s		7.00nm		4.8mb	
CHTO	52.22	256	eP	48 14.00	0.5	
	0.8s		2.75nm		4.3mb	
			epP	48 29.30	58kmX	
EDM	55.99	46	ePc	48 40.30	-0.4	
FFC	60.38	40	eP	49 11.00	-0.3	
	0.9s		7.00nm		4.8mb	
BMN	61.60	60	eP	49 19.60	-0.4	
EUR	62.94	60	iP	49 29.20	0.1	
	0.5s		2.26nm		4 6mb	
BDW	64.46	54	P	49 38.50	-0.5	
FRB	64.60	19	eP	49 38.00	-1.2	
NB2	67.77	341	P	49 58.90	-0.7	
	0.7s		3.90nm		4.6mb	
HFS	68.00	339	eP	49 59.80	-1.2	
	0 6s		7.90nm		5.0mb	
CLL	76.02	335	iPd	50 48.20	-0 5	
PRU	76.75	334	eP	50 53.00	0 2	
WTS	77.02	339	eP	50 54.50	0 3	
	0.8s		7.00nm		4 7mb	
KHC	77.80	334	P	50 59 00	0 3	
ENN	78.37	339	eP	51 02.00	0.3	
	1.0s		9.00nm		4 7mb	
KBA	79.71	333	iP	51 09.70	0 4	
	0.8s		11.90nm		4 9mb	
			i	51 11.60		

14d 21h

		e	07 38.00		
		i	08 33.60		
VAY	81.50	325 eP	51 18.70	0.1	
S.D = 0.6 on 21 of 21 obs.					

? APR 14, 1985 21h 39m 06.47± 6.32s
43.983 N ±27.3km 113.977 W ±54.7km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.0 (NEIS).

HPI	0.69	113 eP	39 20.00	-0.3	
TMI	1.64	114 eP	39 35.50	-0.8	
LRM	2.14	30 ePn	39 43.30	-0.2	
IMW	2.20	91 eP	39 44.70	0.3	
BDW	3.43	109 e(P)	40 03.00	1.0	
EUR	4.74	199 iP	40 29.70	9.2X	
0.2s 1.40nm					
S D. = 1.0 on 5 of 6 obs.					

APR 14, 1985 21h 48m 00.21± 0.97s
35.174 N ± 9.2km 109.071 W ± 6.4km
DEPTH = 5.0km (geophysicist)
EASTERN ARIZONA (495)
ML 3.3 (NEIS). Felt (III) at Zuni, New Mexico.

FLAG	2.11	271 ePd	48 36.60	-0.2	
ALO	2.16	95 iPnc	48 37.70	0.2	
		iPg	48 40.20		
		eSn	49 03.00		
RMU	2 44	322 eP	48 42.50	0 9	
RW05	2.90	360 eP	48 48.40	0 3	
RW5	3 07	19 eP	48 51.00	0.5	
RW03	3.08	3 eP	48 50.80	0.2	
RW2	3 31	19 P	48 53.50	-0.5	
RW09	3 32	359 eP	48 54.00	-0.1	
TDM	3 41	211 e(P)	49 03.20	8.0X	
MSU	4.16	324 eP	49 05.20	-0.8	
GLA	5.22	248 P	49 17.00	-3.9X	
GOL	5.39	32 eP	49 23.00	-0.5	
DAU	5.51	342 P	49 23.20	-2.0X	
DUG	5.82	330 P	49 32.60	3.1X	
BDW	7.60	357 e(P)	49 51.50	-3.0X	
S.D. = 0.6 on 10 of 15 obs.					

? APR 14, 1985 22h 53m 09.52± 2.36s
3.126 N ±42.4km 128.290 E ±60.8km
DEPTH = 33.0km (normal)
4.7mb (6 obs.)
NORTH OF HALMAHERA (264)

WRA	23.68	166 Pd	58 19.40	0.1	
0.9s 5.70nm 4.1mb					
WB2	23.69	166 eP	58 19.20	-0.1	
CHTO	32.67	301 eP	59 41.50	0.4	
0.7s 3.18nm 4.3mb					
PPI	47.59	305 eP	01 44.60	-0.2	
0.7s 8.00nm 4.8mb					
YYN	47.78	305 eP	01 46.10	0 0	
0.8s 17.00nm 5.1mb					
DMN	47.85	305 eP	01 46.80	0.0	
0.7s 17.00nm 5.2mb					
HYB	50.78	290 eP	02 08.60	-0.5	
GBA	51.28	285 P	02 13.00	0.2	
0.7s 4 80nm 4.6mb					
S.D. = 0.3 on 8 of 8 obs.					

? APR 14, 1985 23h 01m 32.96± 5.63s
31.413 S ±32.0km 68.848 W ±40.0km
DEPTH = 117.8 ± 36.1 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.08	151 iPd	01 49.60	-0.1	
		S	02 01.00		
RTLL	0.33	76 iPd	01 50.20	0.1	
RTCV	0.52	149 iPd	01 51.20	0.1	
		S	02 03.50		
CFA	0 55	111 iPd	01 51.20	-0.1	
		S	02 04.10		
MDZ	1.47	180 i(P)	02 00.30	0.0	
TCA	3.64	90 iPd	02 28.60	0.0	
		S	03 08.90		
S D = 0.2 on 6 of 6 obs					

? APR 14, 1985 23h 11m 34.87± 8.75s
31.486 S ±37.6km 68.876 W ±61.8km
DEPTH = 115.8 ± 58.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.06	90 iPd	11 51.30	0.0	
		S	12 03.00		
RTLL	0.38	66 iPd	11 52.00	0.0	
		S	12 04.50		
RTCV	0.47	142 iPd	11 52.50	0.0	
		S	12 05.00		
CFA	0.56	103 iPd	11 53.00	0.0	
		S	12 05.70		
TCA	3.67	89 ePd	12 30.80	0.0	
		S	13 10.90		
S.D. = 0.0 on 5 of 5 obs.					

? APR 14, 1985 23h 21m 59.89± 0.73s
25.584 S ±11.4km 175.695 W ±18.6km
DEPTH = 33.0km (normal)
4.8mb (3 obs.)
SOUTH OF TONGA ISLANDS (175)

RAO	4.15	208 P	23 02.00	-0.5	
		S	23 47.50		
AFI	12.18	18 P	24 54.00	-0.2	
		S	27 03.00		
WB2	46.19	266 eP	30 23.70	0.0	
WRA	46.20	266 Pc	30 24.10	0.3	
0.7s 5.70nm 4.6mb					
SPA	64.57	180 eP	32 36.60	0.6	
0.8s 6.25nm 4.8mb					
CHTO	93.93	289 eP	35 21.30	5.5X	
0.9s 6.39nm 5.1mb					
NB2	144.24	354 PKP	41 32.90	-0.7	
0.9s 1.70nm					
HFS	144.86	352 ePKP	41 34.90	0.4	
0.6s 0.90nm					
S.D. = 0.6 on 7 of 8 obs.					

? APR 15, 1985 00h 15m 48.81± 4.64s
11.341 N ±35.4km 72.874 W ±26.1km
DEPTH = 33.0km (normal)
NEAR NORTH COAST OF COLOMBIA (96)

LGN	1.97	127 e(Pn)	16 15.00	-5.6X	
UAV	3.20	148 iPnc	16 38.10	-0.1	
0.3s 45.40nm					
SDV	3.29	138 iPnd	16 39.00	-0.4	
0.4s 141.90nm					
TOV	3.40	117 iPnd	16 41.70	0.8	
0.4s 68.80nm					
CAR	5.90	98 eP	17 16.00	-0.4	
BOG	6.78	190 eP	17 29.00	0.1	
S.D. = 0.7 on 5 of 6 obs.					

% APR 15, 1985 02h 27m 48 45± 1.47s
39.782 N ±20.0km 26.558 E ± 7.6km
DEPTH = 10 0km (geophysicist)
TURKEY (366)

EZN	0 18	284 iPn	27 52.40	-0.2	
KGT	0.88	40 ePn	28 06 50	1.2	
EDC	1.15	60 iPn	28 09.00	-1.0	
BNT	1.19	61 iPn	28 10.00	-0.7	
IZM	1.49	158 iPn	27 55.10	-20.2X	
DST	1.61	96 iPn	28 17.60	0.6	
S.D. = 1.3 on 5 of 6 obs.					

& APR 15, 1985 02h 28m 41.26s
58.958 N 152.306 W
DEPTH = 64.7km
KODIAK ISLAND REGION (13)
<AGS-P>.

AUH	0.71	305 eP	28 55.69	-0.6	
		eS	29 05.52		
BRLK	1.09	41 iP	29 00.37	-0.6	
		iS	29 14.17		
KDC	1.22	185 eP	29 01.44	-1.2	
ILM	1.26	348 iP	29 02.44	-0.7	
		iS	29 18.82		
PDB	1.28	312 eP	29 02.39	-1.0	
		iS	29 18.66		
RDT	1.62	358 eP	29 07.75	-0.5	
		eS	29 28 08		
SEW	1 85	50 eP	29 09 93	-1 4	
NKA	1 87	16 eP	29 13 85	2.3	
SLKM	1.88	33 iP	29 10.87	-0 9	
MPA	2.14	43 eP	29 14.21	-1.1	
SPU	2.23	3 eP	29 16.41	-0.3	
CRP	2.32	2 eP	29 18.21	0.2	
CGLM	2.36	4 eP	29 18.48	-0.1	
PTE	2.53	39 eP	29 19.47	-1.3	
PMS	2.67	30 eP	29 22.06	-0.8	
		eS	29 51.57		
SVW	2.72	324 eP	29 22.20	-1.4	
KNK	3.12	36 eP	29 27.50	-1.7	
		eS	30 01.03		
PME	3.14	30 eP	29 27.81	-1.5	
GLI	3.26	51 eP	29 28.68	-2.3	
GHO	3.29	29 eP	29 30.07	-1.4	
MSE	3.33	28 eP	29 30.41	-1.8	
FID	3.45	56 eP	29 30.83	-2.8	
		eS	30 06.14		
SML	3.47	33 eP	29 32.47	-1.6	
VLZ	3.71	51 eP	29 35.03	-2.2	
SGAM	3.91	64 eP	29 38.73	-1.5	
BALM	5.42	63 eP	29 58.49	-3.0	
26 obs. associated					

? APR 15, 1985 04h 00m 23.89± 6.77s
43.074 N ±10.3km 14.969 W ±62.1km
DEPTH = 10.0km (geophysicist)
NORTH ATLANTIC OCEAN (402)

MTH	6.04	132 iP	01 55.50	0.1	
		iS	02 56.60		
MTE	6.17	113 eP	01 57.00	-0.2	
		(S)	02 56.30		
LPF	10.95	58 Pn	03 03.80	0.2	
MFF	11.10	66 Pn	03 05.40	-0.3	
		Sn	04 58.00		
GRR	11.20	57 Pn	03 07.00	0.0	
		Sn	04 58.80		
EPF	11.21	85 Pn	03 08.20	1.0	
FLN	11.58	56 P	03 12.20	0.1	
CAF	12.41	76 Pn	03 22.40	-1.0	
		Sn	05 20.50		
S.D. = 0.7 on 8 of 8 obs.					

APR 15, 1985 04h 07m 47.57± 0.22s
55.264 N ± 4.2km 156.548 W ± 3.0km
DEPTH = 33.0km (normal)
5.0mb (59 obs.) 4.0Msz (1 obs.)
SOUTH OF ALASKA (17)
ML 4.8 (PMR).

SDN	2.26	274 ePc	08 22.90	-0.4	
KDC	3.35	40 ePc	08 37.70	-1.2	
SVW	5.88	4 eP	09 14.20	-0.5	
PMR	7.44	28 P	09 34.00	-2.5	
PME	7.50	29 ePd	09 34.50	-2.8	
0.5s 9.20nm 5.1mb					
TTA	7.69	2 eP	09 39.10	-1.0	
TOA	8.72	34 e(P)	09 53.20	-1.2	
PNL	10.23	57 e(P)	10 12.60	-2.5	
COL	10.59	21 eP	10 16.00	-4.0X	
0.7s 20.89nm 5.5mb					
FBA	10.59	21 e(P)	10 16.70	-3.3X	
IMA	10.93	6 eP	10 23.40	-1.4	
0.8s 7.70nm 5.0mb					
ADK	12.43	263 eP	10 42.80	-2.0	
BRW	16.10	360 e(P)	11 30.70	-2.0	
INK	16.85	30 eP	11 41.00	-1.1	
0.8s 132.00nm 5.1mb					
YKA	22.49	54 eP	12 45.40	0.4	
YKC	22.56	54 eP	12 45.00	-0.6	
0.6s 11.00nm 4.5mb					
PNT	23.15	89 eP	12 53.00	1.4	
0.9s 17.00nm 4.5mb					
EDM	25.03	77 eP	13 10.00	0.2	
NEW	25.11	90 eP	13 11.30	0.7	
MBC	25.14	20 iPc	13 12.10	1.6	
0.6s 82.00nm 5.5mb					
		pP	13 20.00	28kmX	
SES	27.53	81 eP	13 33.00	0.2	
BMN	29.81	103 P	13 54.50	0.9	
1.0s 2.00nm 3.8mb X					
JAS1	29.83	110 P	13 54.00	0.4	
1.0s 4.00nm 4.2mb					
FFC	30.64	68 eP	14 00.00	-0.6	
EUR	31.16	103 iP	14 05.50	-0 1	
0.4s 4.31nm 4.6mb					
BDW	32.61	93 P	14 17.80	-0.4	
1.0s 2.40nm 4.0mb					

CLC 32.91 110 eP 14 20.00 -0.7
SBB 33.64 111 eP 14 26.00 -1.1
GSC 33.72 110 eP 14 27.00 -0.8
MWC 33.87 112 eP 14 21.00 -8.2X
RVR 34.41 112 eP 14 33.00 -0.6
TPC 35.03 110 eP 14 35.00 -4.0X
PLM 35.18 112 eP 14 39.00 -1.4
RMU 35.64 101 P 14 43.00 -1.3
ALE 36.16 13 ePc 14 48.50 0.5
0.7s 21.00nm 5.2mb
GLA 36.49 110 eP 14 51.00 -0.4
RSON 36.89 70 P 14 54.30 -0.1
1.0s 9.00nm 4.6mb
GOL 37.01 93 P 14 56.00 0.1
1.1s 7.69nm 4.5mb
ALQ 39.72 100 eP 15 18.00 -0.5
1.3s 6.25nm 4.2mb
LHC 40.64 71 eP 15 26.00 0.3
FRB 41.99 42 ePc 15 36.50 0.0
TUL 45.10 89 eP 16 02.00 -0.2
1.0s 36.90nm 5.2mb
Z 19s 0.18um 4.0Msz
e 16 08.70
RLO 45.36 88 eP 16 03.80 -0.4
e 16 10.50
LTX 45.47 102 P 16 05.90 0.6
0.9s 5.30nm 4.5mb
DAG 45.55 13 iPd 16 05.10 -0.1
0.6s 24.67nm 5.3mb
i 16 14.00
MDJ 46.56 289 eP 16 12.50 -1.1
FVM 46.72 83 P 16 15.00 0.1
1.0s 7.00nm 4.6mb
BHO 46.73 90 eP 16 14.70 -0.3
JCT 46.78 98 iP 16 15.10 -0.4
0.9s 14.71nm 5.0mb
SCH 47.93 51 ePc 16 23.00 -1.3
CN2 49.33 291 iPc 16 34.20 -1.0
pP 16 42.00 26kmX
SNY 51.68 290 eP 16 52.80 -0.3
DL2 54.80 289 eP 17 15.50 -0.7
KEV 55.26 358 iP 17 18.90 -0.3
0.6s 28.70nm 5.5mb
BJI 56.89 294 eP 17 31.50 0.3
SOD 57.66 359 iP 17 36.40 0.1
HHC 58.67 297 eP 17 44.00 0.1
TIA 59.21 290 eP 17 46.00 -1.5
BTO 59.64 298 eP 17 50.30 -0.3
KJF 60.82 358 iP 17 59.00 0.8
0.7s 21.40nm 5.4mb
SSE 60.82 283 Pc 17 58.00 -0.6
SUF 62.34 359 iP 18 07.90 -0.5
0.6s 21.90nm 5.5mb
NB2 63.64 7 P 18 16.20 -0.9
0.8s 20.80nm 5.3mb
NUR 64.57 359 iP 18 23.00 0.0
0.7s 61.40nm 5.8mb
HFS 64.69 5 iPc 18 23.30 -0.6
0.7s 17.50nm 5.3mb
KONO 64.90 8 eP 18 26.00 0.8
WHN 65.02 288 P 18 25.50 -0.9
UPP 65.13 3 iP 18 26.10 -0.6
XAN 65.21 294 Pc 18 27.10 -0.6
GTA 65.55 304 iPc 18 29.30 -0.6
LZH 66.21 299 eP 18 33.00 -1.2
ELO 66.45 16 iPc 18 35.30 0.1
EAB 66.62 16 iPc 18 36.60 0.3
0 6s 23.00nm 5.5mb
EDI 67.06 16 ePc 18 39.20 0.1
EAU 67.10 16 ePc 18 39.80 0.5
ESY 67.16 16 ePc 18 40.80 1.1
0.8s 14.00nm 5.1mb
EBL 67.23 16 iPc 18 40.60 0.4
0.8s 26.00nm 5.4mb
WMO 67.31 315 iP 18 41.00 0.0
ESK 67.64 16 eP 18 37.00 -5.8X
ETA 69.64 19 iPc 18 55 60 0.5
0.8s 50.00nm 5.6mb
ECB 69.85 19 iPc 18 56.60 0.2
0.8s 30.00nm 5.4mb
ECP 70.10 19 iPc 18 58.20 0.3
0.8s 55.00nm 5.7mb
CD2 70.35 296 P 19 00.20 0.4
WTS 72.22 11 iPc 19 11.70 1.1
1.0s 20.00nm 5.1mb
GYA 72.38 291 P 19 12.20 0.0
ENN 73.33 12 e(P) 19 18.50 1.3

1.0s 16.00nm 5.0mb
CLL 73.44 7 eP 19 17.00 -0.8
MEM 73.50 11 Pc 19 18.80 0.7
DOU 73.83 13 Pd 19 21.00 0.9
BRG 73.94 6 iP 19 21.50 0.8
1.0s 20.00nm 5.1mb
MOX 74.00 8 iP 19 22.00 0.9
1.0s 22.00nm 5.1mb
KSP 74.09 5 eP 19 21.50 -0.1
WLF 74.44 12 Pc 19 25.70 2.1
LDF 74.64 16 eP 19 25.00 0.2
GRR 74.72 17 iPc 19 25.90 0.6
0.7s 7.20nm 4.8mb
PRU 74.85 6 eP 19 27.00 1.0
e 19 40.50
GRF 74.92 8 eP 19 27.40 1.0
0.9s 13.00nm 4.9mb
Z 23s 0.30um 4.5MszX
LPF 75.04 17 iPc 19 27.90 0.8
0.7s 8.10nm 4.8mb
KHC 75.65 7 iPc 19 31.90 1.3
1.0s 14.00nm 4.9mb
CDF 75.81 11 eP 19 24.00 -7.6X
HAU 76.10 12 iPc 19 33.90 0.7
0.7s 5.50nm 4.7mb
BSF 76.32 11 iPc 19 35.10 0.5
0.8s 7.40nm 4.7mb
GRC 76.38 14 iPc 19 35.30 0.6
ROF 76.49 11 eP 19 36.00 0.6
LOR 76.52 14 eP 19 36.20 0.7
0.8s 8.00nm 4.8mb
MFF 76.57 16 iPc 19 36.80 1.0
0.8s 16.10nm 5.1mb
SSF 76.67 14 iPc 19 37.10 0.7
0.9s 16.30nm 5.0mb
ZST 76.77 4 i(P) 19 38.30 1.4
LBF 76.81 14 iPc 19 37.70 0.5
0.7s 4.60nm 4.6mb
AVF 76.91 14 iPc 19 38.50 0.8
0.8s 15.10nm 5.1mb
BGF 77.07 14 eP 19 39.30 0.7
0.7s 9.00nm 4.9mb
SMF 77.12 14 iPc 19 39.60 0.7
1.0s 12.80nm 4.9mb
LSF 77.18 15 iPc 19 39.90 0.7
0.9s 24.80nm 5.2mb
SRO 77.21 4 e(P) 19 40.50 1.2
TCF 77.24 15 iPc 19 40.30 0.7
0.7s 4.00nm 4.6mb
MZF 77.37 15 eP 19 41.00 0.7
0.8s 6.70nm 4.7mb
KBA 77.68 7 iPc 19 43.00 0.9
1.0s 12.00nm 4.9mb
i 20 14.20
RJF 78.10 16 eP 19 44.90 0.6
1.0s 13.60nm 4.9mb
CAF 78.55 15 iPc 19 47.50 0.7
1.0s 14.80nm 5.0mb
LPO 78.65 16 iPc 19 48.10 0.8
0.9s 7.80nm 4.7mb
EPF 80.13 17 iPc 19 55.90 0.5
0.8s 6.70nm 4.7mb
KKN 81.90 308 iPc 20 06.00 0.8
0.8s 19.00nm 5.2mb
PKI 82.03 308 iPc 20 06.60 0.6
0.6s 14.00nm 5.2mb
DMN 82.14 308 iPc 20 07.60 1.2
0.6s 18.00nm 5.3mb
TOL 82.36 21 eP 20 09.00 1.9
LOE 82.37 289 eP 20 07.00 -0.4
CHTO 82.70 292 eP 20 09.00 -0.2
VAY 83.78 1 eP 20 15.40 1.1
OHR 83.97 2 eP 20 16.00 0.6
NDI 84.59 315 eP 20 16.00 -2.6
QUE 87.09 323 eP 20 31.00 -0.2
HYB 93.94 308 eP 21 03.00 -0.2
WB2 94.93 242 eP 21 11.80 4.4X
MTD 141.09 348 ePKP 27 11.00 -5.2X
BUL 144.72 352 iPKPc 27 21.00 -1.5
SPA 145.08 180 e(PKP) 27 20.70 -1.0
SLR 150.29 351 ePKP 27 36.20 5.0X
0.9s 58.82nm
BPI 150.75 352 iPKPd 27 34.30 2.3X
0.7s 24.66nm
EVA 150.98 350 iPKPd 27 38.60 6 3X
0.7s 30.14nm
JOZ 151.51 344 iPKPd 27 40.20 7 4X

0.5s 22.54nm
BFS 151.56 354 iPKPd 27 39.20 6.1X
0.5s 30.99nm
S.D. = 0.9 on 128 of 141 obs.

• APR 15, 1985 04h 36m 17.93± 1.89s
37.317 N ±18.1km 20.849 E ± 7.7km
DEPTH = 33.0km (normal)
4.0mb (4 obs.)
IONIAN SEA (399)
ML 3.9 (ATH).

VLS 0.88 347 iPbc 36 33.00 -1 6
eSg 36 46.00
ATH 2.37 73 ePn 36 56.20 6 9
eSg 37 37.50
KZN 3.07 13 iPnd 37 07.00 1 7
LCI 3.77 324 ePn 37 15.00 0 6
eSn 38 14.00
OHR 3.79 359 iPn 37 16.40 1.0
VAY 4.22 18 iPn 37 21.80 0.4
NPS 4.36 117 ePg 37 42.70 19.1X
BRT 4.55 323 ePn 37 26.00 -0.2
eSn 38 20.00
SKO 4.67 5 ePn 37 28.00 0.1
eSn 38 18.50
PRK 4.68 64 ePb 37 39.00 10.9X
MMB 4.81 27 iPc 37 30.00 0.0
iS 38 20.00
SGO 5.40 309 ePn 37 40.00 1.8
eSn 38 41.00
VTS 5.58 18 iP 37 41.00 0.3
PVL 6.70 28 eP 37 55.00 -1.4
VOY 10.14 331 ePn 38 44.00 -0.3
eSn 40 30.00
CTI 11.10 325 e(Pn) 39 02.50 5.0X
eSn 40 51.00
CLL 15.06 341 eP 39 56.00 6.2X
1.5s 15.00nm 4.1mb
HFS 23.29 351 eP 41 22.00 -1.3
0.7s 6.40nm 4.2mb
NB2 24.51 349 P 41 34.90 -0 4
0.6s 1.90nm 3.8mb
SUF 25.64 6 iP 41 45.00 -0 8
0.4s 1 70nm 4.0mb
SOD 30.28 4 eP 42 27.00 -0 8
S.D. = 1.0 on 17 of 21 obs

APR 15, 1985 04h 41m 50.93± 0 29s
33.491 S ± 5.7km 71.980 W ± 5.4km
DEPTH = 33.0km (normal)
5.1mb (15 obs.) 5.2Msz (3 obs)
NEAR COAST OF CENTRAL CHILE (135)
Felt (III) at Santiago.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 19C
Centroid Location:
Origin Time 04:41:53.9 0.7
Lat 33.64S 0.08 Lon 72.11W 0.16
Dep 14.2 4.1 Half-duration 1.8
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.22 0.13 Mtt= 0.25 0.12
Mff=-1.47 0.22 Mrt= 0.48 0.20
Mrf=-1.91 0.62 Mtf=-0.23 0.11
Principal Axes:
T Val= 2.34 Plg=59 Azm= 61
N 0.12 12 173
P -2.46 28 270
Best Double Couple:Mo=2.4*10**24
NP1:Strike= 28 Dip=21 Slip= 127
NP2: 169 74 77

PEL 1.12 72 iP- 42 12.30 1 9
PCH 1.21 97 iPc 42 12.70 0 9
MDZ 2.68 78 iP 42 36.50 3 8
RFA 3.17 115 iPc 42 40.90 1.2
S 43 21.60
ZON 3.38 56 eP 42 47.00 4.2X
eS 43 47.00
CFA 3.66 60 ePc 42 49.00 2.3
S 43 35.50
TCA 6.59 73 ePd 43 27.20 -0.9
S 44 45.20
CYA 7.30 48 ePc 42 47.50 -50.5X
FSA 9.01 37 e(P) 44 00.50 -1.2
ANT 9.84 8 eP 44 26.00 12.8X

15d 04h

SLA 10.40 35 eP 44 23.00 2.0
S 46 54.00
YJA 12.64 28 eP 44 50.00 -1.6
CCH 16.87 19 P 45 45.50 -1.0
i 45 51.00
ARE 16.96 2 eP 45 46.00 -1.6
LPB 17.24 13 P 45 52.00 0.7
1.3s 384.62nm 5.4mb
ZOBO 17.49 12 eP 45 54.50 -0.1
VAO 24.31 71 eP 47 06.30 -0.4
RDJ 27.36 75 eP 47 27.60 -7.4X
iS 52 32.00
SOB1 37.44 57 ePc 49 02.00 -1.0
0.5s 14.10nm 5.1mb
e 49 09.90
e 49 17.40
ITR 39.56 59 iPc 49 18.80 -1.5
i 49 26.50
CAR 44.01 7 eP 50 02.00 4.7X
SNA 52.03 156 eP 50 57.50 -1.5
SBA 63.59 192 eP 52 11.40 -8.8X
e 19 06.10
PRM 67.92 351 P 52 47.00 -1.3
JCT 68.85 334 iP 52 54.20 -0.1
1.1s 63.29nm 5.6mb
LTX 69.32 331 P 52 57.00 -0.2
1.1s 14.59nm 5.0mb
RSCP 69.90 348 P 53 00.30 -0.3
BHO 70.86 340 ePc 53 05.90 -0.4
TUL 72.55 340 iPd 53 16.00 -0.4
1.1s 90.20nm 5.7mb
Z 19s 0.28um 4.6Msz
i 53 21.60
RLO 72.57 341 ePd 53 16.00 -0.6
e 53 21.80
OCO 72.69 338 eP 53 22.90 5.6X
FVM 73.16 345 P 53 19.50 -0.5
1.0s 30.00nm 5.2mb
MAW 73.65 164 eP 53 21.00 -1.5
KIC 74.86 72 iP 53 30.00 -0.3
ALO 75.36 331 eP 53 32 30 -0.7
1.0s 19.00nm 5.0mb
Z 18s 1.72um 5.4Msz
GLA 77.51 324 eP 53 51.00 6.1X
RSNY 77.70 358 P 53 45.80 0.2
1.0s 12.00nm 4.9mb
OTT 78.59 357 eP 53 56.00 5.6X
MNT 78.64 359 eP 53 52.00 1.3
PLM 78.76 323 eP 53 58.00 6.0X
TPC 78.96 324 eP 53 54.00 1.1
RMU 79.07 329 P 53 55.00 1.5
GOL 79.12 334 P 53 54.00 0.1
1.0s 9.00nm 4.7mb
RVR 79.53 323 eP 53 49.00 -6.9X
PAS 80.05 323 eP 53 53.00 -5.7X
MWC 80.06 323 eP 53 54.00 -4.9X
GSC 80.29 324 eP 54 01.00 1.0
SBB 80.31 323 eP 54 01.00 0.9
CLC 81.09 324 eP 54 04.00 -0.2
SYP 81.28 322 eP 54 08.00 2.7
ISA 81.40 323 eP 54 08.00 2.2
LHC 83.00 348 eP 54 13.50 -0.2
EUR 83.26 327 iP 54 16.50 0.9
0.5s 4.39nm 4.8mb
BDW 83.35 333 P 54 15.00 -1.0
1.0s 12.40nm 5.0mb
MNG 83.56 225 eP 54 22.00 4.9X
BPI 83.65 117 eP 54 13.50 -4.5X
1.0s 38.00nm 5.5mb
JAS1 84.14 323 eP 54 20.40 0.6
EVA 84.24 118 eP 54 20.50 -0.4
BMN 84.59 327 P 54 26.00 3.8X
1.0s 4.00nm 4.6mb
CPY 85.93 324 eP 54 29.10 0.4
RSCN 86.15 346 P 54 29.30 -0.2
1.0s 22.00nm 5.3mb
LPM 87.03 333 eP 54 33.80 -0.5
BUL 87.48 112 iPd 54 37.00 0.0
SCH 88.06 3 eP 54 39.00 0.3
SES 90.39 336 eP 54 58.00 8.2X
NEW 90.85 332 eP 54 56.00 4.0X
MTD 91.71 111 eP 54 56.00 -0.8
i 55 05.00
PNT 92.69 331 eP 55 06.00 5.6X
BNG 92.84 87 iPc 55 00.50 -1.4
1.0s 7.90nm 5.1mb
EDM 93.55 337 ePd 55 03.20 -1.1
YKA 101.60 341 ePdiff55 46.50 5.9X
INK 111.20 339 ePKP 00 09.00 -12.8X
WB2 121.23 209 ePKP 00 37.80 -4.7X
WRA 121.24 209 PKP 00 43.00 0.5
NUR 121.66 35 ePKP 00 49.00 7.0X
Z 20s 0.80um 5.4Msz
LR 53 30.00
SUF 122.80 33 ePKP 00 45.00 0.9
SOD 123.69 27 ePKP 00 44.00 -1.8
KJF 123.73 31 ePKP 00 36.00 -10.0X
MHI 140.41 72 ePKP 01 12.00 -6.6X
e 04 17.00
QUE 145.10 84 ePKP 01 26.70 -0.3
PPI 145.48 166 ePKP 01 27.00 -0.8
GBA 145.87 118 PKPc 01 27.70 -0.7
0.8s 49.20nm
POO 146.03 107 iPKPc 01 30.50 1.8
1.3s 278.85nm
PSI 148.20 163 iPKPd 01 34.40 2.2
1.0s 56.20nm
KGM 148.38 171 ePKPd 01 35.00 2.5X
HYB 149.08 114 ePKPc 01 37.00 3.5X
1.0s 50.00nm
IPM 150.50 166 ePKPd 01 39.90 4.1X
e 01 59.20
NDI 153.23 92 ePKP 01 38.00 -1.3
DMN 159.42 100 PKP 01 47.60 0.1
KKN 159.63 100 PKP 01 47.60 -0.1
PKI 159.65 101 PKP 01 47.80 -0.1
MDJ 159.97 310 ePKP 01 42.00 -5.3X
WMQ 161.10 51 ePKP 01 48.30 -0.3
CHTO 163.27 149 ePKP 01 51.00 -0.3
KMI 170.47 150 ePKP 01 56.50 -0.3
PP 07 17.00
GTA 171.13 46 PKP 01 57.50 0.9
TIA 172.05 293 PKP 01 57.00 0.1
XAN 179.08 307 PKP 01 59.00 0.3
S.D. = 1.1 on 68 of 98 obs.

APR 15, 1985 05h 45m 17.44± 1.36s
28.327 S ± 7.6km 69.803 W ±21.6km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

RTLL 3.21 159 ePd 46 06.70 -0.1
S 46 41.20
RTCB 3.27 165 iPd 46 07.00 -0.6
S 46 44.70
CYA 3.53 93 iPc 45 30.00 -41.4X
CFA 3.54 158 ePc 46 11.00 -0.5
S 46 51.20
RTCV 3.69 163 iPd 46 12.50 -1.1
MDZ 4.62 170 eP 46 28.60 1.8
TCA 5.43 125 iPd 46 38.80 0.5
S 47 36.00
ZOBO 12.10 8 e(P) 48 11.00 0.0
e 48 17.00
VAO 21.24 81 e(P) 50 03.00 0.0
S.D. = 1.0 on 8 of 9 obs.

• APR 15, 1985 06h 31m 05.32± 0.82s
33.641 S ±12.6km 72.278 W ± 9.0km
DEPTH = 33.0km (normal)
4.5mb (5 obs.)
OFF COAST OF CENTRAL CHILE (134)
Felt (III) at Santiago.

PEL 1.42 70 iP 31 28.40 -0.7
PCH 1.47 90 iPc 31 28.70 -1.2
MDZ 2.97 76 iP 31 52.60 1.3
RFA 3.35 111 ePd 31 57.30 0.5
RTCV 3.62 62 eP 32 03.20 2.8X
(S) 32 46.30
RTCB 3.64 55 ePd 32 02.70 1.9
(S) 32 46.00
ZON 3.69 56 eP 32 09.00 7.6X
RTLL 3.96 55 ePd 32 06.70 1.4
S 32 53.50
CFA 3.97 60 ePc 32 09.40 4.0X
S 33 04.20
TCA 6.89 73 ePd 32 44.20 -2.5
S 34 07.30
CYA 7.60 49 e(P) 32 06.50 -50.1X
SLA 10.67 35 e(P) 33 50.00 10.9X
YJA 12.90 29 e(P) 34 13.00 3.6X
CCH 17.10 20 (P) 35 05.00 1.2
ARE 17.12 3 eP 35 10.00 6.0X
LPB 17.45 13 eP 35 11.00 2.8X
ZOBO 17.70 13 e(P) 35 11.50 0.0
0.9s 11.89nm 4.0mb
i 35 16.00
VAO 24.61 71 eP 36 23.20 -0.8
ITR 39.80 59 eP 38 35.50 -1.7
e 38 37.40
e 38 45.80
e 38 51.10
SPA 56.54 180 iPd 40 48.00 1.3
1.0s 22.00nm 5.1mb
BHO 70.91 340 eP 42 21.90 0.9
0.8s 2.80nm 4.4mb
TUL 72.60 340 eP 42 32.00 0.9
1.0s 7.70nm 4.7mb
RLO 72.63 341 eP 42 30.30 -1.0
ALO 75.37 332 eP 42 48.90 1.4
1.2s 7.03nm 4.5mb
PLM 78.72 323 eP 43 14.00 7.9X
GSC 80.25 324 eP 43 12.00 -2.2
SBB 80.27 323 eP 43 17.00 2.7X
CLC 81.05 324 eP 43 27.00 8.6X
BDW 83.36 333 e(P) 43 28.00 -2.5
QUE 145.38 84 ePKP 50 43.00 1.1
GBA 146.03 119 PKPc 50 43.70 0.7
0.2s 3.50nm
PSI 148.13 163 iPKPd 50 50.20 3.7X
0.9s 19.00nm
HYB 149.26 114 ePKP 50 53.40 5.2X
S.D. = 1.5 on 20 of 33 obs.

% APR 15, 1985 07h 35m 17.69± 0.71s
40.787 N ± 5.7km 28.946 E ± 6.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ISK 0.29 17 iPg 35 24.30 0.5
iSg 35 29.40
YLV 0.39 124 ePg 35 25.60 -0.2
CTT 0.53 313 iPg 35 28.60 0.2
iSg 35 37.10
BNT 0.89 241 iPn 35 35.30 0.5
EDC 0.93 242 ePn 35 32.00 -3.5X
DST 1.20 192 ePn 35 40.10 -0.1
KGT 1.29 256 ePn 35 50.00 8.3X
DMK 1.37 319 ePn 35 41.80 -1.0
S.D. = 0.7 on 6 of 8 obs.

? APR 15, 1985 08h 27m 52.77± 3.08s
30.847 S ±11.2km 72.086 W ±27.4km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

PEL 2.58 153 eP 28 32.70 -0.5
iS 28 59.00
RTCB 2.89 104 ePd 28 37.30 -0.3
S 29 11.30
RTLL 3.14 100 iPd 28 40.60 -0.5
(S) 29 19.30
RTCV 3.20 109 ePd 28 42.60 0.7
S 29 21.00
CFA 3.38 104 ePc 28 44.00 -0.6
S 29 23.10
MDZ 3.42 127 eP 28 46.20 1.0
TCA 6.45 96 ePc 29 23.40 -4.5X
S 30 33.00
SLA 8.44 45 e(P) 29 56.00 0.2
S.D. = 0.8 on 7 of 8 obs.

APR 15, 1985 08h 45m 16.72± 0.55s
6.689 S ± 9.1km 86.500 E ± 7.5km
DEPTH = 10.0km (geophysicist)
4.8mb (9 obs.)
SOUTH INDIAN OCEAN (425)

BSI 14.97 36 iPd 48 49.00 -1.1
PSI 15.52 53 ePd 48 56.00 -1.3
IPM 18.32 53 ePd 49 31.00 -1.7
KGM 18.88 63 ePd 49 40.40 0.7
KOD 19.07 332 eP 49 43.00 0.8
GBA 22.08 336 Pc 50 13.60 -0.2
0.6s 30.40nm 4.9mb
HYB 25.21 342 eP 50 46.00 1.7
CHTO 28.16 26 eP 51 11.50 0.1
0.8s 2.20nm 4.0mb
PKI 34.07 358 eP 52 04.20 0.3
0.5s 5.00nm 4.7mb

DMN 34.12 358 eP 52 05.00 0.8
0.6s 10.00nm 4.9mb
KKN 34.30 358 eP 52 06.00 0.3
0.4s 13.00nm 5.2mb
WRA 48.21 111 Pc 54 01.30 1.5
0.7s 2.50nm 4.4mb
WB2 48.22 111 eP 54 01.20 1.3
MTD 54.54 254 iPc 54 47.00 -0.8
BUL 57.61 250 iPc 55 09.00 -0.8
EVA 57.95 243 e(P) 55 13.00 0.8
SLR 58.55 244 eP 55 15.00 -1.3
0.6s 16.67nm 5.3mb
BNG 68.72 277 iPd 56 22.60 -0.8
0.9s 13.80nm 5.1mb
SUF 82.89 336 eP 57 49.00 6.3X
HFS 87.32 331 eP 58 04.60 -0.2
0.3s 0.80nm 4.5mb
CCH 143.91 228 (PKP) 05 12.00 16.6X
LPB 145.88 227 PKP 05 14.00 15.1X
ZOBO 146.07 228 e(PKP)05 02.00 2.5X
e 05 12.50
ALQ 149.45 21 ePKP 05 08.00 4.1X
1.0s 4.00nm
RLO 150.63 3 ePKP 05 10.80 5.5X
TUL 150.84 4 e(PKP)05 12.00 6.4X
0.8s 2.90nm
BHO 152.42 2 e(PKP)05 21.50 13.5X
S.D. = 1.1 on 19 of 27 obs.

? APR 15, 1985 08h 48m 34.00± 7.29s
31.213 S ±40.8km 68.712 W ±49.9km
DEPTH = 109.9 ± 52.4 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.24 119 iPd 48 50.00 0.0
S 49 00.80
RTCB 0.28 195 iPd 48 50.30 0.0
S 49 01.00
CFA 0.56 134 iPc 48 51.60 0.0
S 48 58.50
RTCV 0.66 167 iPc 48 52.30 0.0
S 49 05.00
TCA 3.53 93 iPc 49 28.00 0.0
S 50 06.80
S.D. = 0.1 on 5 of 5 obs.

% APR 15, 1985 09h 43m 16.75± 0.81s
39.098 N ± 6.5km 27.604 E ± 8.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.75 201 ePg 43 31.50 0.1
iSg 43 44.60
DST 0.94 57 ePn 43 34.60 -0.1
EZN 1.23 307 iPn 43 39.40 -0.2
EDC 1.26 9 iPn 43 40.00 -0.2
BNT 1.28 11 ePn 43 40.80 0.3
KGT 1.37 350 iPn 43 42.00 0.1
S.D. = 0.3 on 6 of 6 obs.

• APR 15, 1985 10h 09m 06.82± 2.01s
15.566 N ±21.1km 95.859 W ±11.0km
DEPTH = 33.0km (normal)
4.1mb (2 obs.)
NEAR COAST OF OAXACA, MEXICO (66)

PBJ 0.97 27 iP 09 24.00 -0.1
OXX 1.72 331 ePd 09 36.70 1.6
VHO 1.86 333 iP 09 36.00 -1.1
iS 10 07.00
PIO 2.33 291 iP 09 42.50 -1.1
ACX 4.05 289 ePd 10 07.70 -0.5
iS 10 50.20
III 4.44 309 eP 10 17.50 3.6X
TPM 4.57 318 iP 10 19.00 3.3X
IIP 4.76 323 iP 10 26.00 7.6X
TAC 4.97 321 iP 10 26.00 4.6X
TLX 5.08 331 eP 10 22.10 -0.8
CRX 5.28 317 eP 10 26.70 0.9
IIC 5.29 323 iP 10 22.00 -3.9X
LTX 15.48 334 e(P) 12 47.50 3.0X
e 12 51.80
BHO 18.76 3 e(P) 13 25.00 -0.5
TUL 20.26 0 eP 13 41.50 -0.8
0.7s 8.80nm 4.2mb
RLO 20.53 2 eP 13 43.70 -1.4
e 13 46.80

ALQ 21.52 336 eP 13 56.80 1.5
1.0s 5.00nm 3.9mb
BDW 29.56 339 eP 15 13.00 2.0
YKC 48.67 349 eP 17 49.00 -0.5
YKA 48.71 349 eP 17 50.50 0.7
INK 57.90 344 eP 18 58.00 0.4
MBC 61.94 354 eP 19 25.00 -0.3
S.D = 1.1 on 16 of 22 obs.

• APR 15, 1985 11h 06m 09.30± 0.97s
4.672 S ±16.2km 152.728 E ±10.0km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
NEW BRITAIN REGION (192)

RAB 0.73 311 iPd 06 23.00 -0.2
BGA 2.85 121 eP 06 53.00 -0.6
eS 07 29.00
PAA 3.19 121 iPd 06 59.00 0.6
eS 07 42.00
HNR 8.58 124 eP 07 49.00 -25.3X
WB2 23.47 228 eP 11 17.20 0.2
WRA 23.47 228 Pc 11 15.60 -1.4
0.5s 7.10nm 4.4mb
KNA 25.99 243 eP 11 42.40 1.4
MSZ 42.01 164 P 13 59.10 0.0
S.D. = 1.1 on 7 of 8 obs.

APR 15, 1985 11h 14m 26.64±,0.57s
35.121 N ± 6.7km 27.806 E ± 5.0km
DEPTH = 33.0km (normal)
4.2mb (20 obs.)
DODECANESE ISLANDS (369)

YER 2.05 11 iPn 15 00.20 0.7
ELL 2.36 46 iPn 15 04.90 1.0
BCK 3.24 43 ePn 15 17.20 0.8
IZM 3.30 353 iPn 15 17.10 -0.1
DST 4.52 8 ePn 15 33.60 -1.0
EZN 4.84 346 iPn 15 39.40 0.4
EDC 5.22 0 iPd 15 44.00 -0.4
BNT 5.23 1 iP 15 44.20 -0.3
KGT 5.34 356 iPn 15 45.90 -0.1
KDZ 6.79 344 eP 16 07.00 0.5
HRI 6.83 103 eP 16 07.00 -0.2
JER 7.02 116 e(P) 16 10.00 0.2
e(S) 17 30.00
VAY 7.43 328 e(Pn) 16 17.00 1.5
OHR 8.14 319 e(Pn) 15 53.00 -32.4X
PVL 8.27 346 eP 16 27.00 -0.2
VTS 8.29 336 iPd 16 29.00 1.6
SKO 8.46 326 e(Pn) 16 21.00 -8.9X
VOY 15.16 320 iP 18 00.00 0.0
KBA 16.14 322 iP 18 09.20 -3.5X
1.2s 20.80nm 4.1mb
i 18 15.20
i 18 18.50
CTI 16 39 317 e(P) 18 17.00 1.2
KHC 17.49 328 iPc 18 30.00 0.5
1.0s 14.00nm 4.0mb
MOX 19.46 328 eP 18 54.00 0.6
1.2s 23.00nm 4.3mb
BSF 20.15 315 eP 19 00.50 -0.3
0.4s 3.10nm 4.0mb
CDF 20.19 317 eP 19 00.30 -0.9
HAU 20.49 315 eP 19 02.70 -1.6
SMF 21.38 310 eP 19 12.40 -0.9
0.8s 9.90nm 4.3mb
LBF 21.43 311 eP 19 13.70 -0.2
0.7s 2.40nm 3.7mb
LOR 21.63 311 P 19 15.50 -0.3
0.8s 5.90nm 4.1mb
AVF 21.74 310 eP 19 17.20 0.2
0.7s 5.20nm 4.1mb
SSF 21.76 311 eP 19 16.60 -0.5
0.7s 20.70nm 4.7mb
CAF 21.93 304 eP 19 18.70 -0.2
0.7s 3.70nm 3.9mb
BGF 21.97 309 eP 19 19.00 -0.3
0.6s 9.80nm 4.4mb
GRC 22.12 311 iPd 19 20.00 -0.7
RJF 22.42 305 eP 19 25.30 1.6
0.7s 4.40nm 4.0mb
LPO 22.46 303 eP 19 25.20 1.1
EPF 22.67 299 eP 19 26 40 0.2
0.6s 3.00nm 3.9mb
MFF 23.92 307 eP 19 39.40 1.1

0.6s 5.40nm 4.3mb
FLN 24.90 312 eP 19 47.40 -0.3
0.6s 7.20nm 4.4mb
LPF 24.98 310 eP 19 48.50 0.0
0.6s 4.00nm 4.2mb
GRR 24.99 311 eP 19 48.40 -0.2
0.5s 9.80nm 4.7mb
NUR 25.49 356 eP 19 51.00 -2.1
HFS 26.65 344 eP 20 02.00 -2.0
0.6s 5.40nm 4.3mb
Z 14s 0.63um 4.3MszX
LR 52 46.00
NB2 28.03 343 P 20 14.20 -2.4
0.6s 2.80nm 4.1mb
BNG 31.71 198 ePc 20 55.20 5.5X
0.6s 5.20nm 4.6mb
YKA 78.13 343 eP 26 25.30 1.7
FFC 80.67 333 eP 26 38.00 0.6
S.D. = 1.0 on 42 of 46 obs.

APR 15, 1985 11h 24m 00.45± 0.28s
30.249 N ± 5.7km 66.330 E ± 4.0km
DEPTH = 33.0km (normal)
4.8mb (14 obs.)
PAKISTAN (710)
Felt at Quetto.

QUE 0.54 96 iPc+ 24 13.20 1.4
iS 24 23.00
KHI 7.58 303 eP 25 50.60 -1.0
MHI 8.31 318 iPc 26 02.20 0.4
0.9s 60.50nm 5.7mb
e 26 16.00
eS 27 46.00
NDI 9.62 97 eP 26 18.00 -1.6
eS 27 59.00
SHI 11.99 271 eP 26 54.00 1.9
KSH 12.12 38 eP 26 53.00 -0.9
POO 13.52 148 P 27 13.00 0.6
iS 31 46.00
VAR 15.57 104 eP 27 40.00 0.9
eS 30 21.00
DMN 16.65 94 eP 27 51.50 -1.6
KKN 16.76 94 eP 27 52.90 -1.6
KER 16.76 289 eP 28 05.00 10.6X
PKI 16.92 94 eP 27 53.90 -2.7
HYB 16.96 136 eP 27 55.20 -1.6
BHD 18.90 285 eP 28 25.50 4.8X
e 34 49.00
GBA 19.48 146 Pc 28 27.10 -0.6
1.3s 25.40nm 4.3mb
WMQ 21.70 45 P 28 51.50 1.0
KOD 22.46 150 eP 29 00.00 1.5
eS 33 13.00
SHL 23.04 95 eP 29 06.00 2.0
eS 33 10.00
GTA 28.83 62 P 29 59.20 1.3
CHTO 31.67 103 eP 30 24.00 0.9
LZH 31.80 69 eP 30 24.50 0.2
CD2 32.13 79 P 30 28.00 0.9
KMI 32.55 90 eP 30 31.00 -0.1
XAN 36.07 73 Pd 31 01.30 0.3
BTO 36.74 62 eP 31 07.50 0.9
VAY 36.83 300 eP 31 02.50 -4.7X
NUR 40.94 330 iP 31 41.80 0.7
0.9s 16.90nm 4.8mb
Z 17s 0.50um 4.4MszX
i 31 48.20
LR 52 20.00
BJI 41.45 62 eP 31 48.00 2.4
SUF 41.45 333 iPd 31 45.50 0.2
0.5s 3.00nm 4.3mb
KJF 41.71 336 iP 31 47.20 -0.2
0.6s 14.30nm 4.9mb
NAI 42.13 227 eP 31 52.50 0.9
0.8s 18.66nm 4.9mb
TIA 42.51 68 eP 31 54.50 0.1
VOY 43.36 306 eP 32 06.00 4.7X
eSn 33 01.00
UPP 43.87 327 iP 32 04.30 -0.7
SOD 43.96 339 iP 32 06.10 0.4
CTI 44.92 306 e(P) 32 14.50 0.6
SNY 46.93 59 eP 32 29.80 0.7
NB2 47.26 327 P 32 30.80 -1.3
0.7s 5.00nm 4.6mb
CDF 47.91 310 eP 32 46.20 8.7X
SMF 50.31 307 eP 32 55.00 -0.9

15d 11h

	0.8s	8.50nm			4.8mb	
SSF	50.51	308	eP	32	56.50	-0.8
	0.6s	2.70nm			4.4mb	
AVF	50.63	308	eP	32	57.40	-0.9
GRC	50.78	308	iPc	32	59.00	-0.4
MDJ	51.03	55	eP	32	59.50	-1.8
CAF	51.71	305	eP	33	20.00	13.5X
	1.0s	11.00nm				
BNG	51.81	250	iPd	33	07.60	-0.1
	1.5s	24.00nm			4.9mb	
FLN	53.04	310	eP	33	18.70	2.3
	0.9s	9.80nm			4.8mb	
TET	55.88	219	eP	33	37.00	-0.4
MTD	57.50	220	iPc	33	48.00	-1.1
DAG	59.68	345	iPd	34	02.40	-1.1
	0.6s	10.67nm			5.1mb	
BUL	61.86	221	iPc	34	18.00	-1.2
SLR	66.54	217	eP	34	44.00	-5.5X
KSR	67.38	218	e(P)	34	54.70	-0.2
VIR	69.17	217	eP	35	06.00	0.0
KIC	70.48	266	eP	35	13.90	-0.2
MBC	73.71	1	eP	35	32.00	-0.2
	0.7s	11.00nm			5.0mb	
FRB	79.78	341	eP	36	06.00	-0.4
INK	80.65	7	ePc	36	10.00	-0.9
COL	81.50	14	eP	36	16.00	0.5
	1.0s	17.00nm			5.0mb	
WB2	82.26	118	eP	36	21.70	1.5
YKA	87.58	0	eP	36	47.00	0.9
S.D. = 1.2		on	54 of	61	obs.	

% APR 15, 1985 11h 49m 42.07± 0.84s
41.148 N ± 7.6km 28.475 E ± 6.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

CTT	0.03	270	iPg	49	43.70	-0.4
ISK	0.45	100	iPg	49	51.20	0.0
			iSg	49	58.50	
DMK	0.86	322	iPg	49	58.80	0.1
			iSg	50	10.30	
BNT	0.90	208	iPg	49	59.80	0.5
			iSg	50	14.80	
EDC	0.93	210	iPn	49	59.00	-0.7
KGT	1.13	232	iPn	50	03.70	0.5
S.D. = 0.7		on	6 of	6	obs.	

? APR 15, 1985 11h 56m 42.76± 1.56s
34.048 S ±14.4km 72.156 W ±19.8km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
NEAR COAST OF CENTRAL CHILE (135)

PEL	1.52	54	iP	57	09.20	1.2
MDZ	3.00	68	iP	57	34.60	5.5X
RFA	3.14	104	iPc	57	35.00	3.9X
			S	58	21.30	
CFA	4.10	55	ePc	57	46.00	1.3
			S	58	37.10	
TCA	6.93	69	iPd	58	23.00	-1.6
			S	59	45.80	
CYA	7.80	46	iPd	57	45.60	-51.2X
VBA	9.16	119	ePc	57	56.40	-59.3X
SLA	10.95	34	e(P)	59	19.00	-1.4
YJA	13.20	28	e(P)	59	51.00	0.1
CCH	17.45	19	eP	00	47.00	1.4
			i	00	49.00	
ZOBO	18.07	13	eP	00	52.50	-1.1
	0.8s	26.34nm			4.4mb	
BAO	28.46	56	e(P)	02	08.00	-29.0X
SPA	56.13	180	eP	06	21.40	0.2
	0.8s	5.42nm			4.6mb	
GBA	145.74	119	PKPd	16	22.10	2.1X
	0.9s	12.40nm				
S.D. = 1.5		on	8 of	14	obs.	

% APR 15, 1985 12h 17m 33.80± 0.85s
60.277 N ± 6.3km 5.377 E ± 9.8km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.6 (BER) Explosion

ASK	0.23	336	iPg	17	38.80	0.5
			iSg	17	42.10	
ODD	0.72	116	iPg	17	48.50	0.2
			iSg	17	59.00	
SUE	0.84	339	ePn	17	50.30	-0.2
			eSn	18	01.00	
HYA	0.98	24	iPn	17	52.90	-0.3
			iSn	18	07.40	
KMY	1.07	184	ePn	17	54.70	-0.2
			iPg	17	55.50	
			eSn	18	09.20	
			iSg	18	11.00	
S.D. = 0.5		on	5 of	5	obs.	

APR 15, 1985 12h 25m 04.49± 1.08s
37.328 N ± 7.3km 71.727 E ± 7.7km
DEPTH = 143.5 ± 11.9 km
4.2mb (5 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

KSH	3.96	56	ePn	26	05.00	0.1
			Sn	26	51.00	
QUE	8.16	211	eP	27	02.10	0.7
			eS	28	29.60	
NDI	9.77	150	iP	27	18.40	-4.3X
			eS	28	59.00	
MHI	9.86	268	eP	27	23.00	-1.0
			eS	29	10.00	
AJM	11.24	168	eP	27	37.00	-5.0X
			iS	29	32.00	
WMQ	13.75	57	eP	28	14.50	-0.1
KKN	14.85	126	eP	28	23.20	-5.5X
DMN	14.87	127	eP	28	24.00	-4.9X
PKI	15.09	126	eP	28	26.20	-5.5X
LSA	17.88	110	P	29	04.00	-1.9
POO	18.82	174	eP	29	17.00	1.3
HYB	20.73	161	eP	29	35.00	-0.2
GTA	22.09	76	iPd	29	50.60	2.0
GBA	24.17	166	Pc	30	08.30	-0.4
	0.6s	11.80nm			4.6mb	
NUR	37.50	323	eP	32	03.00	-2.5
SUF	37.54	327	eP	32	07.00	1.3
IPM	42.19	133	ePd	32	44.90	0.2
HFS	42.78	321	eP	32	50.20	1.3
	0.6s	3.40nm			4.2mb	
NB2	44.08	322	P	33	00.00	0.5
	0.6s	1.50nm			3.8mb	
KGM	45.60	133	ePd	33	12.10	0.2
MBC	66.48	3	iPc	35	40.10	0.2
	0.5s	5.00nm			4.7mb	
INK	73.01	10	ePc	36	19.00	-0.6
COL	73.51	16	eP	36	22.00	-0.6
YKA	80.39	3	eP	37	01.40	0.7
WRA	81.94	122	P	37	10.00	0.6
	0.5s	0.90nm			3.8mb	
WB2	81.95	122	eP	37	07.70	-1.8
S.D. = 1.2		on	21 of	26	obs.	

• APR 15, 1985 13h 14m 20.64± 1.22s
9.632 S ±14.3km 113.735 E ±25.7km
DEPTH = 119.6 ± 14.7 km
4.6mb (5 obs.)
SOUTH OF JAVA (282)

TRT	2.20	330	iPc	14	57.20	0.1
			iS	15	12.10	
MBL	12.88	154	Pc	17	14.90	-5.5X
	0.2s	10.00nm			5.0mb	
			eS	19	26.00	
NAU	12.95	173	iPd	17	20.20	-1.2
			eS	19	37.00	
MEK	17.49	166	eP	18	20.00	1.4
	0.3s	7.00nm			4.4mb	
			eS	21	20.00	
WB2	22.39	120	eP	19	09.70	-0.3
PKI	46.05	324	eP	22	34.60	0.0
	0.4s	3.00nm			4.4mb	
DMN	46.26	324	eP	22	35.70	-0.4
	0.5s	12.00nm			4.9mb	
KKN	46.29	324	eP	22	36.70	0.3
	0.6s	6.00nm			4.5mb	
S.D. = 1.1		on	7 of	8	obs.	

• APR 15, 1985 15h 28m 42.74± 1.97s
1.839 N ±12.0km 126.682 E ±15.1km
DEPTH = 66.2 ± 16.0 km
4.6mb (5 obs)
MOLUCCA PASSAGE (266)

MNI	1.88	258	ePd	29	13.50	0.2
			eS	29	40.20	
AAI	5.69	165	eP	30	07.10	0.4
WRA	22.91	161	Pd	33	39.40	-2.5
	0.4s	7.80nm			4.5mb	
WB2	22.92	161	iPc	33	40.70	-1.3
			eS	37	50.60	
MBL	23.82	196	eP	33	51.00	0.3
	0.4s	17.00nm			4.9mb	
MEK	29.36	195	eP	34	41.00	-0.7
CHTO	31.99	304	eP	35	04.30	-0.7
	1.0s	5.00nm			4.3mb	
KLB	34.31	194	iPd	35	25.10	0.1
	0.5s	22.00nm			5.3mb	
MUN	35.07	196	iPd	35	31.70	0.3
NWAO	35.71	194	iPd	35	38.20	1.3
BJI	39.20	347	eP	36	06.00	-0.1
YOU	41.31	152	eP	36	24.30	0.8
CAN	42.46	153	eP	36	33.30	0.4
WAM	43.13	153	eP	36	39.70	1.4
HYB	49.73	291	eP	37	30.10	-0.6
GBA	50.07	286	Pc	37	32.70	-0.6
	0.9s	5.20nm			4.6mb	
MHI	70.62	308	eP	39	55.00	1.5
S.D. = 1.1		on	17 of	17	obs.	

% APR 15, 1985 15h 44m 59.51± 1.14s
16.407 N ± 8.6km 61.281 W ±12.2km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 2.6 (PAG).

SFG	0.17	152	iP	45	05.90	0.1
			S	45	07.70	
SEG	0.22	269	iPc	45	06.38	0.1
			S	45	09.60	
MGG	0.49	184	eP	45	09.84	-0.1
			S	45	16.40	
PAG	0.54	226	eP	45	10.64	-0.1
			S	45	18.20	
MLG	0.54	230	eP	45	10.79	0.1
BPA	0.84	319	eP	45	14.88	-0.1
			S	45	25.50	
S.D. = 0.1		on	6 of	6	obs.	

APR 15, 1985 15h 55m 53.27± 0.40s
38.865 N ± 4.0km 25.657 E ± 3.6km
DEPTH = 9.7 ± 2.4 km
4.1mb (2 obs.)
AEGEAN SEA (365)
ML 3.8 (ATH).

PRK	0.61	51	iPgc	56	06.50	0.9
			eSg	56	18.50	
EZN	1.09	28	iPn	56	13.40	-0.4
IZM	1.34	110	iPn	56	18.10	0.1
ATH	1.77	240	ePn	56	22.50	-1.6
			ePg	56	27.00	
			eSn	56	48.50	
			eSg	56	53.00	
KGT	2.03	38	iPnc	56	28.40	0.5
TTK	2.06	63	iPn	56	28.50	0.1
EDC	2.26	48	iPn	56	31.00	-0.2
BNT	2.30	49	iPn	56	32.30	0.5
DST	2.42	71	iPn	56	33.60	0.0
YER	2.70	129	iPn	56	41.30	3.7X
KDZ	2.78	355	iPc	56	39.00	0.3
MMB	3.10	332	iPd	56	43.00	-0.1
CTT	3.12	42	iPn	56	44.10	0.7
DIM	3.18	359	iPc	56	44.00	-0.2
			Sg	57	36.00	
PLD	3.32	348	iPc	56	47.00	0.7
			eS	57	36.00	
KZN	3.33	297	ePn	56	46.50	-0.1
			ePg	57	02.00	
YLV	3.33	58	ePn	56	47.50	0.9
DMK	3.36	28	iPn	56	46.80	-0.1
VAY	3.41	317	iPn	56	51.00	3.4X
ISK	3.42	49	iPn	56	47.50	-0.1
ALT	3.48	85	iPn	56	48.40	-0.2
NPS	3.60	181	ePg	56	50.00	-0.3
JMB	3.67	11	iPd	56	51.00	-0.2
ELL	3.97	121	ePn	56	54.90	-0.8
VLS	4.03	262	ePn	56	59.00	2.6
VTS	4.17	334	iPd	56	59.00	0.7
			iSg	58	06.00	
PVL	4.29	355	iPc	57	00.00	-0.1
OHR	4.35	303	ePn	56	54.70	-6.4X
SKO	4.47	315	iPn	57	02.80	0.2
PSN	5.17	21	eP	57	11.00	-1.5

CMP 6.42 356 ePc 57 35.00 4.9X
CLO 6.56 342 iPd 57 30.00 -2.1
MLR 6.63 2 iPc 57 33.00 -0.2
e 21 54.00
VRI 7.04 6 eP 57 40.00 1.1
NB2 23.95 343 P 01 07.20 -1.1
0.8s 1.50nm 3.6mb
EKA 25.35 320 P 01 25.00 3.3X
BNG 34.88 192 iPd 02 47.60 0.7
1.1s 9.20nm 4.6mb
S.D. = 0.9 on 32 of 37 obs.

• APR 15, 1985 17h 17m 54.99± 1.74s
31.763 S ± 7.4km 72.323 W ±16.4km
DEPTH = 33.0km (normol)
OFF COAST OF CENTRAL CHILE (134)

PEL 1.95 135 iP 18 26.50 0.0
PCH 2.40 141 iPc 18 33.00 0.1
RTCB 3.02 86 iPc 18 41.20 -0.5
S 19 16.00
ZON 3.11 87 eP 18 44.00 1.0
MDZ 3.14 112 eP 18 44.50 1.1
i 18 47.30
iS 19 16.70
RTCV 3.22 93 ePc 18 44.30 -0.2
S 19 23.70
RTLL 3.32 84 ePd 18 45.00 -0.9
S 19 25.00
CFA 3.48 89 ePd 18 47.50 -0.8
S 19 30.00
RFA 4.41 134 ePc 19 01.00 -0.4
CYA 6.55 61 e(P) 18 41.20 -50.4X
S 19 55.00
TCA 6.61 88 ePd 19 28.00 -4.5X
S 19 39.40
SLA 9.24 42 eP 20 10.00 0.9
ZOBO 15.89 15 e(P) 21 38.00 -0.4
BAO 27.36 60 e(P) 23 35.70 -3.7X
S.D. = 0.8 on 11 of 14 obs.

? APR 15, 1985 17h 23m 23.38± 1.14s
18.430 N ±15.2km 62.738 W ±14.6km
DEPTH = 33.0km (normol)
LEEWARD ISLANDS (92)
ML 3.9 (MLG).

BPA 1.61 148 eP 23 49.00 -0.9
S 24 14.50
SEG 2.33 150 eP 24 00.00 -0.3
MLG 2.55 157 eP 24 04.00 0.6
S 24 35.50
PAG 2.59 157 eP 24 04.60 0.6
MGG 2.84 151 eP 24 10.00 2.6X
SJG 3.26 265 iPc 24 13.20 -0.2
YKA 56.60 334 eP 33 05.30 0.2
S.D. = 0.7 on 6 of 7 obs.

? APR 15, 1985 17h 31m 29.50± 2.91s
38.787 N ±11.7km 9.221 W ±31.6km
DEPTH = 5.0km (geophysicist)
PORTUGAL (376)
Felt (III) ot Coscois ond Guincho.

LIS 0.09 141 iPd 31 31.40 -0.1
S 31 35.90
MTH 0.11 12 P 31 31.60 -0.3
PRL 1.54 70 P 31 58.30 0.5
S 32 20.70
COI 1.55 23 P 31 56.30 -1.4
S 32 20.70
MTE 2.07 38 P 32 05.30 -0.1
MTE 2.07 38 P 32 09.60 4.2X
S 32 36.70
PTO 2.40 11 P 32 11.50 1.5
S 32 44.00
TOL 4.16 73 ePg 33 01.00 26.0X
eSg 33 43.50
S.D. = 1.3 on 6 of 8 obs.

• APR 15, 1985 18h 09m 06.65± 1.01s
35.182 N ±10.8km 103.944 E ±15.6km
DEPTH = 10.0km (geophysicist)
3.6mb (2 obs.)
GANSU PROVINCE, CHINA (322)

LZH 0.91 355 Pgd 09 22.50 -1.6
XAN 4.26 104 Pn 10 13.80 0.7
Pg 10 28.60
Sn 11 04.60
CD2 4.26 182 Pg 10 23.60 10.5X
GTA 5.35 323 Pn 10 30.40 1.8
Lg 12 05.00
CHTO 16.90 196 eP 13 04.00 -0.8
1.0s 2.00nm 3.2mb
WRA 61.95 147 P 19 29.00 -0.1
0.4s 0.50nm 4.1mb
S.D. = 1.9 on 5 of 6 obs.

? APR 15, 1985 18h 24m 16.42± 5.70s
15.893 N ±11.6km 62.824 W ±51.6km
DEPTH = 33.0km (normol)
LEEWARD ISLANDS (92)

MLG 1.08 81 iP 24 39.40 4.0X
PAG 1.11 83 eP 24 39.62 3.9X
SEG 1.37 68 eP 24 39.74 0.4
MGG 1.45 89 iPc 24 40.99 0.4
S 24 58.70
BPA 1.48 39 eP 24 41.25 0.3
S 24 59.80
MDN 1.49 112 eP 24 43.59 2.5
SFG 1.61 77 eP 24 40.98 -1.8
FDF 1.98 125 eP 24 48.65 0.3
S 25 17.90
CRM 2.16 121 eP 24 49.57 -1.3
BIM 2.18 129 eP 24 51.21 0.2
MVM 2.29 125 eP 24 51.63 -1.0
S.D. = 1.5 on 9 of 11 obs.

APR 15, 1985 19h 02m 07.01± 0.53s
51.373 N ± 5.0km 1.402 E ± 8.0km
DEPTH = 10.0km (geophysicist)
UNITED KINGDOM (533)
ML 3.4 (LDG), 3.1 (HCG).

DOU 2.40 121 Pn 02 48.10 1.2
i 02 51.30
Sb 03 18.60
FLN 2.88 206 Pn 02 55.20 1.4
Sn 03 29.60
ENN 2.92 100 ePn 03 00.50 6.3X
0.5s 14.00nm
iSg 03 32.50
LDF 2.95 200 Pn 02 56.30 1.5
Sn 03 31.60
MEM 3.01 103 Pn 02 57.60 2.1
e 03 03.30
Sn 03 31.00
Sb 03 35.80
HCG 3.28 289 ePn 03 01.80 2.4
GRR 3.33 207 Pn 03 01.00 0.9
Sn 03 39.20
WLF 3.48 118 Pn 03 08.00 5.8X
Sn 03 50.50
LPF 3.70 206 Pn 03 05.90 0.5
Sn 03 49.20
GRC 4.22 164 ePn 03 18.20 5.4X
iPg 03 30.70
iSg 04 22.40
LOR 4.41 158 Pn 03 15.20 -0.3
Sn 04 03.20
SSF 4.53 161 Pn 03 17.00 -0.2
Sn 04 05.60
HAU 4.65 134 Pg 03 34.00 15.0X
Sg 04 30.00
AVF 4.76 164 Pn 03 20.00 -0.5
Sn 04 09.80
MFF 4.88 193 Pn 03 20.60 -1.6
Sn 04 17.20
BGF 4.91 168 Pn 03 21.80 -0.8
Sn 04 16.40
SMF 5.00 160 Pn 03 24.00 0.2
Sn 04 15.60
TCF 5.12 174 Pn 03 24.80 -0.7
Sn 04 21.20
ESY 5.14 334 ePn 03 25.10 -0.7
EBL 5 14 331 ePn 03 25.50 -0.3
MZF 5.22 171 Pn 03 25.80 -1.2
Sn 04 22.80
EDI 5 31 331 ePn 03 27.60 -0.6
eSn 04 25.10
EAU 5.33 329 ePnc 03 28.10 -0.4

ELO 5.93 331 ePn 03 36.20 -0.8
CAF 6.47 176 Pn 03 42.80 -1.8
Sn 04 52.60
S.D. = 1.2 on 21 of 25 obs.

? APR 15, 1985 20h 42m 11.12± 1.59s
34.019 S ±19.8km 72.524 W ±13.7km
DEPTH = 33.0km (normol)
4.2mb (3 obs.)
NEAR COAST OF CENTRAL CHILE (135)

PEL 1.77 61 iP- 42 39.80 -0.1
MDZ 3.27 71 eP 43 05.40 4.6X
iS 43 30.40
RFA 3.44 104 ePc 43 08.60 4.8X
RTCV 3.98 58 ePd 43 13.00 1.5
i 43 16.90
S 44 00.50
RTCB 4.03 52 ePd 43 12.70 0.6
S 44 01.30
ZON 4.07 54 eP 43 17.00 4.3X
CFA 4.34 57 ePd 43 16.40 -0.1
S 44 08.80
RTLL 4.35 53 eP 43 17.20 0.6
i 43 21.00
S 44 08.00
TCA 7.20 70 ePd 43 54.30 -2.6
S 45 09.30
CYA 8.00 48 e(P) 43 15.50 -52.5X
VBA 9.44 118 ePc 43 31.30 -56.6X
ANT 10.44 11 eP 44 58.00 16.4X
SLA 11.10 35 e(P) 44 49.80 -1.0
CCH 17.53 21 P 46 18.50 3.6X
ZOBO 18.11 14 ePc 46 22.80 0.4
0.9s 12.98nm 4.1mb
VAO 24.93 71 e(P) 47 34.00 1.2
BAO 28.70 56 e(P) 48 07.00 -0.5
LTX 69.55 331 eP 53 25.50 6.7X
0.5s 0.50nm 3.8mb
KIC 75.47 72 eP 53 57.80 3.8X
ALQ 75.60 332 e(P) 53 54.00 -0.6
BNG 93.34 87 ePd 55 25.00 0.6
1.0s 7.90nm 5.1mb
GBA 146.02 119 PKPd 01 56.30 7.5X
0.5s 7.00nm
HYB 149.29 115 ePKPc 02 05.00 11.0X
0.8s 115.00nm
S.D. = 1.2 on 12 of 23 obs

? APR 15, 1985 20h 43m 47.85± 3.11s
33.866 S ±32.3km 178.655 E ±21.4km
DEPTH = 314.1 ± 31.8 km
3.7mb (1 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ 4.80 186 P 45 05.00 0.9
S 46 07.00
MNG 7.20 200 P 45 31.70 -0.8
S 47 04.00
WEL 8.02 201 eP 45 42.00 -0.5
S 47 18.00
SNZO 8.06 202 e(P) 45 43.00 0.0
eS 47 21.00
TCW 8.12 204 P 45 42.80 -0.8
S 47 27.50
MSZ 13.61 214 eP 46 51.80 1.3
eS 48 29.00
CTAO 31.82 287 eP 49 45.90 0.0
WRA 41.57 278 Pc 51 07.10 0.0
0.3s 1.60nm 3.7mb
KJF 144.79 338 iPKP 02 41.50 -6.4X
0.7s 16.00nm
SUF 146.34 337 iPKP 02 44.80 -5.7X
0.3s 2.80nm
NUR 148.44 336 ePKP 02 51.00 -2.9X
0.5s 11.20nm
i 02 55.10
NB2 151.62 347 PKP 02 58.70 -0.1
0.5s 1.00nm
HFS 151.93 344 ePKP 02 59.20 0.0
0.4s 1.10nm
KIC 152.45 173 ePKP 03 06.30 5.0X
S.D. = 0.8 on 10 of 14 obs.

? APR 15, 1985 22h 25m 13.56± 1.98s
20.461 S ±15.1km 69.546 W ±17.3km
DEPTH = 33.0km (normol)

15d 22h

NORTHERN CHILE (123)

ANT	3.33	194	eP	26	14.00	9.5X
YJA	4.14	115	ePc	26	16.40	-0.1
LPB	4.14	20	P	26	17.00	0.5
ZOBO	4.38	18	iPd	26	19.30	-0.8
ARE	4.38	335	eP	26	20.00	0.1
			eS	27	21.00	
CCH	4.44	47	eP	26	21.00	0.2

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

? APR 15, 1985 23h 17m 09.22±12.66s
46.585 N ±29.6km 0.856 E ±90.5km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.0 (LDG).

LSF	0.57	126	Pg	17	20.90	0.0
			Sg	17	26.20	
TCF	0.98	107	Pn	17	27.20	-0.7
			Sg	17	36.60	
MZF	1.25	107	Pg	17	33.20	0.7
			Sg	17	46.80	
BGF	1.37	90	Pg	17	34.40	0.0
			Sg	17	48.40	

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

% APR 16, 1985 00h 25m 37.24± 2.53s
46.956 N ±23.6km 0.621 W ±35.5km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.1 (LDG).

MFF	0.48	137	Pg	25	47.00	0.0
			Sg	25	53.20	
LPF	1.11	345	Pg	25	57.90	-0.2
			Sg	26	11.60	
GRR	1.44	354	Pg	26	03.60	0.2
			Sg	26	21.80	
LSF	1.64	115	Pg	26	06.40	0.1
			Sg	26	26.80	
TCF	2.06	108	Pg	26	12.20	-0.2
			Sg	26	38.40	

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

APR 16, 1985 00h 40m 23.61± 0.40s
39.764 N ± 4.7km 20.479 E ± 3.1km
DEPTH = 10.0km (geophysicist)
4.6mb (15 obs.)
GREECE-ALBANIA BORDER REGION (392)
ML 4.2 (ATH), 3.8 (TTG), 3.8 (SKO).

KZN	1.13	61	iPgd	40	44.00	-0.8
			eSg	40	56.00	
OHR	1.37	10	iPg	40	29.00	-19.7X
			iSg	40	35.00	
OHR	1.37	10	iPn	40	50.60	1.9
LIT	1.58	77	iPbd	40	51.20	-0.6
			eSb	41	13.00	
VLS	1.59	177	ePn	40	54.50	2.7
			eSn	41	17.00	
GRG	1.89	50	ePn	40	56.50	0.2
LCI	2.02	287	ePn	41	00.00	1.9
			eSn	41	28.00	
THE	2.09	65	ePnd	40	58.70	-0.4
			eSn	41	25.00	
VAY	2.23	45	iPn	41	01.30	0.2
			i	41	04.40	
			iSn	41	30.70	
KNT	2.31	52	ePn	41	02.30	-0.1
			eSn	41	31.00	
SKO	2	32	18 iPn	41	05.40	2.9X
			iPb	41	08.00	
			i	41	13.50	
			iSn	41	34.00	
SOH	2.44	63	iPnc	41	04.50	0.3
			eSn	41	35.00	
PAIG	2.47	85	ePn	41	03.30	-1.2
			eSn	41	33.30	
SRS	2.73	59	ePnd	41	07.90	-0.5
			eSn	41	47.10	
BRT	2.74	295	ePn	41	12.00	3.6X
			eSn	41	58.00	
BDV	2.81	334	ePn	41	11.50	2.1
			eSn	41	47.50	
TTG	2.82	341	ePn	41	12.00	2.5
			eSn	41	46.50	
HCY	3.07	331	ePn	41	14.80	1.8
			eSn	41	51.00	
MMB	3.07	53	iPd	41	13.00	-0.1
			iS	41	49.00	
ATH	3.10	124	ePn	41	13.50	0.1
			eSn	41	51.00	
IVA	3.14	352	ePn	41	17.50	3.5X
BRY	3.46	336	ePn	41	20.00	1.4
VTS	3.50	35	iPd	41	21.00	1.9
			iSg	42	19.00	
PLE	3.65	347	ePn	41	24.00	2.5
PLD	3.96	52	iPd	41	27.00	1.3
SGO	4.04	283	ePn	41	30.00	3.2X
			eSn	43	08.00	
KDZ	4.15	62	iPc	41	28.00	-0.4
			iS	42	14.00	
DIM	4.49	58	iPc	41	34.00	0.8
EZN	4.50	87	iPn	41	33.50	0.1
PRK	4.51	95	ePn	41	33.50	0.0
PVL	4.88	45	iPc	41	40.00	1.2
DUI	4.95	294	ePn	41	45.60	5.9X
			eSn	43	01.00	
KGT	5.28	80	iPn	41	43.20	-1.2
JMB	5.34	58	iPd	41	45.00	-0.3
GIB	5.35	253	e(Pn)	41	51.00	5.5X
IZM	5.45	102	iPn	41	47.10	0.2
CLO	5.58	17	eP	41	50.00	1.4
EDC	5.70	82	eP	41	49.00	-1.3
BNT	5.74	82	iP	41	51.00	0.1
TTK	5.83	88	iP	41	52.80	0.6
DMK	5.89	67	iP	41	51.90	-1.2
AOU	5.94	298	ePn	42	05.00	11.2X
			eSn	43	15.00	
CGN	6.02	41	eP	41	56.00	1.2
NPS	6.07	136	ePn	42	00.50	5.0X
CTT	6.22	75	iP	41	57.40	-0.3
DST	6.29	89	iP	41	58.50	-0.2
CMP	6.45	30	ePd	42	09.00	8.1X
MNS	6.45	296	ePn	42	03.50	2.6
			eSn	42	47.50	
YER	6.66	111	iP	42	03.90	-0.1
PSN	6.97	53	eP	42	08.00	-0.1
ISR	7.00	38	ePc	42	19.00	10.4X
MLR	7.00	33	eP	42	11.00	2.3
TLB	7.40	47	ePc	42	16.00	1.9
CEY	7.45	325	iPn	42	14.10	-0.8
			i	42	21.50	
			iSn	43	38.20	
ALT	7.49	92	iPn	42	15.40	-0.2
BRD	7.52	38	eP	42	16.00	0.2
VRI	7.63	35	ePc	42	18.00	0.5
LJU	7.64	327	ePn	42	16.90	-0.7
			e	42	23.60	
			eSn	43	41.50	
TRI	7.73	322	ePn	42	17.70	-1.1
			eSn	43	42.40	
			e	45	04.00	
CFR	7.84	44	eP	42	20.00	-0.4
VOY	7.91	325	iPnd	42	21.00	-0.4
			iSn	43	47.90	
ELL	8.01	109	iPc	42	24.90	2.0
SRO	8.20	350	e(Pn)	42	38.00	12.7X
			e	45	41.00	
BCK	8.24	103	iP	42	27.80	1.7
CLI	8.41	34	eP	42	33.00	4.7X
ZST	8.77	345	e(Pn)	42	33.50	0.2
			e	43	02.50	
			e	43	20.00	
KBA	8.96	327	iPnc	42	35.60	-0.5
	0.4s		7.40nm			5.4mb
			i	42	41.30	
			iPPP	42	50.90	
			i	43	16.20	
			iPgPg	43	21.30	
			iSn	44	14.30	
CTI	9.02	317	iPnc	42	36.00	-0.9
			eSn	44	13.00	
SAL	9.37	312	e(Pn)	42	41.50	-0.1
SPC	9.42	359	eP	42	42.30	-0.2
			e	42	52.90	
OGA	9.89	319	eP	42	48.60	-0.4
KHC	10	58	335 P	42	58.00	-0.2
			e	43	14.80	
ORO	10.90	307	ePn	42	58.50	-4.3X
			eSn	44	53.50	
PRU	11.05	340	eP	42	58.00	-6.6X
			e	43	35.60	
MOX	12.54	333	eP	43	24.00	-0.7
CLL	12.67	338	e(P)	43	37.00	10.5X
	1.3s		13.00nm			
BSF	12.75	314	eP	43	26.50	-1.2
	0.4s		3.20nm			4.9mb
HAU	13.09	314	eP	43	30.80	-1.4
	0.4s		4.00nm			4.9mb
LOR	14.18	307	eP	43	47.10	0.5
	0.3s		1.50nm			4.2mb
SSF	14.31	306	eP	43	48.70	0.4
	0.7s		6.60nm			4.4mb
GRC	14.68	307	iPd	44	01.60	8.6X
MEM	14.86	322	Pc	44	03.80	8.5X
DOU	15.24	318	P	44	07.50	7.2X
LGR	17.52	286	eP	44	39.00	9.6X
TOL	18.83	278	eP	44	47.00	1.3
TAB	20.17	87	eP	44	58.00	-3.0X
UPP	20.20	356	iP	44	58.90	-2.1
	0.9s		100.00nm			5.2mb
HFS	20.83	350	eP	45	04.80	-2.8
	0.6s		9.90nm			4.4mb
Z	13s		0.33um			3.9MszX
			LR	52	45.00	
NUR	20.93	6	iP	45	05.90	-2.7
	0.8s		17.60nm			4.5mb
Z	16s		0.10um			3.3MszX
			i	45	12.20	
			LR	54	00.00	
NB2	22.06	348	P	45	18.80	-1.2
	1.0s		17.30nm			4.4mb
EKA	22.13	323	P	45	20.00	-0.7
	1.2s		15.90nm			4.3mb
SUF	23.24	7	iP	45	30.50	-1.1
	0.3s		4.80nm			4.5mb
IR2	24.35	90	eP	45	41.00	-1.7
KJF	24.84	8	iP	45	45.00	-2.1
	0.7s		33.40nm			5.1mb
			i	45	53.00	
SOD	27.87	5	eP	46	13.00	-2.0
			i	46	21.50	
MHI	30.76	84	eP	46	38.00	-3.3X
BNG	35.21	183	iPc	47	18.50	-1.6
	1.0s		7.90nm			4.5mb
NAI	43.49	156	eP	48	30.00	0.9
	0.8s		11.94nm			4.7mb
ALE	49.90	350	eP	49	16.50	-2.1
	0.8s		4.00nm			4.4mb
FRB	54.80	327	eP	49	54.00	-1.5
GBA	56.11	101	Pc	49	59.80	-5.7X
SLR	65.56	172	eP	51	08.50	-1.1
BPI	65.97	173	eP	51	08.00	-4.3X
INK	70.51	350	eP	51	40.00	0.1
YKA	71.89	340	eP	51	47.70	-0.6

S.D. = 1.3 on 81 of 105 obs.

? APR 16, 1985 03h 10m 33.36± 2.27s
35.604 N ±20.8km 141.395 E ±21.4km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (I JMA) at Choshi.

CHO	0.46	285	iPd	10	43.70	0.3
			iS	10	48.70	
KYS	1.10	249	eP	10	52.00	-0.4
TSK	1.21	300	eP	10	54.00	0.0
SRY	1.73	271	eP	11	01.30	-0.2
OYM	1.76	265	eP	11	02.30	0.2
DDR	1.83	283	eP	11	03.60	0.5
MAT	2.75	291	iPc	11	17.00	1.0
			(S)	11	44.00	
WRA	55.65	188	P	20	10.00	1.5
	0.5s		0.60nm			3.9mb
GBA	61.10	266	Pd	20	44.00	-2.8
	0.8s		19.40nm			5.3mb

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

APR 16, 1985 03h 23m 46.74± 0.45s
45.247 N ± 3.5km 7.504 E ± 4.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.0 (LDG).

ORO	0.50	41	ePg	23	56.50	-0.5
			eSg	24	01.00	
FRF	1.79	200	Pn	24	17.80	-0.2

		Pg	24 20.80			
		Sn	24 40.00			
LRG	1.97	205 Pn	24 21.30	0.8		
		Sn	24 46.00			
LMR	2.04	201 Pn	24 21.60	0.1		
		Sn	24 46.60			
ROF	2.47	350 ePn	24 33.40	5.7X		
BSF	2.63	349 Pn	24 30.20	0.1		
CVF	2.85	159 Pn	24 33.00	-0.2		
HAU	2.87	344 Pn	24 34.40	1.0		
SMF	2.91	300 Pn	24 34.20	0.2		
		Sn	25 08.80			
LBF	3.01	307 Pn	24 35.80	0.5		
		Pg	24 43.20			
LOR	3.24	310 Pn	24 38.40	-0.2		
		Pg	24 47.20			
		Sn	25 15.00			
AVF	3.28	300 Pn	24 39.00	-0.2		
SSF	3.32	305 Pn	24 39.90	0.1		
		Sn	25 18.00			
BGF	3.51	294 Pn	24 42.30	-0.1		
		Pg	24 52.80			
		Sn	25 22.60			
MZF	3.58	287 Pn	24 42.80	-0.6		
		Pg	24 54.00			
		Sn	25 24.00			
TCF	3.85	288 Pn	24 46.80	-0.5		
		Pg	24 59.20			
CAF	3.87	267 Pn	24 47.20	-0.4		

S.D. = 0.5 on 16 of 17 obs.

APR 16, 1985 03h 31m 54.31± 0.35s
33.042 S ± 7.6km 72.205 W ± 5.1km
DEPTH = 33.0km (normal)
4.8mb (14 obs.)
OFF COAST OF CENTRAL CHILE (134)
Felt (III) at Santiago.

LNV	1.13	144 iPd	32 13.50	-0.3		
TACH	1.22	120 iPd	32 15.50	0.3		
PEL	1.28	95 ePt	32 16.40	0.4		
SAN	1.36	108 iPc	32 17.30	0.2		
		iS	32 34.50			
BACH	1.47	103 iPc	32 19.00	0.2		
PCH	1.53	113 iPd	32 20.50	0.8		
CHCH	1.57	125 P	32 20.40	0.1		
FCH	1.63	101 iPc	32 22.00	0.6		
MDZ	2.82	88 eP	32 39.90	1.7		
		iS	33 22.10			
RTCB	3.28	63 eP	32 45.30	0.7		
		S	33 35.50			
RTCV	3.32	70 eP	32 46.40	1.2		
		S	33 34.70			
ZON	3.34	64 eP	32 47.00	1.5		
RFA	3.56	120 ePc	32 49.00	0.4		
RTLL	3.60	63 ePd	32 50.40	1.2		
TCA	6.67	77 ePd	33 29.80	-2.9		
		S	34 51.00			
CYA	7.17	52 iPd	32 47.50	-52.1X		
		S	34 12.00			
FSA	8.78	39 e(P)	34 07.00	5.1X		
SLA	10.16	37 e(P)	34 15.00	-6.0X		
YJA	12.35	30 e(P)	34 48.00	-3.1X		
ARE	16.52	2 iPc	35 47.50	2.0		
VAO	24.37	72 e(P)	37 08.00	-2.6		
BAO	27.94	57 e(P)	37 41.10	-2.8		
BOG	37.50	357 eP	39 02.50	-4.8X		
SPA	57.13	180 eP	41 40.80	0.8		
	1.0s	10.00nm		4.8mb		
SBA	63.98	192 eP	42 15.20	-10.9X		
PRM	67.45	351 P	42 47.50	-1.3		
JCT	68.36	335 iP	42 54.10	-0.5		
	1.0s	27.50nm		5.3mb		
LTX	68.83	331 eP	42 57.00	-0.6		
	1.0s	8.00nm		4.7mb		
RSCP	69.42	348 P	42 59.30	-1.7		
BHO	70.36	340 eP	43 06.40	-0.3		
TUL	72.06	340 ePc	43 15.80	-1.1		
	1.2s	25.80nm		5.1mb		
		e	43 26.50			
RLO	72.08	341 ePc	43 16.80	-0.3		
FVM	72.67	345 P	43 19.00	-1.5		
	1.0s	12.00nm		4.8mb		
ALQ	74.87	331 eP	43 32.30	-1.3		
	1.2s	18.36nm		5.0mb		
KIC	74.92	72 eP	43 33.00	-1.0		
GLA	77.03	324 eP	43 44.00	-1.6		
PLM	78.28	323 eP	43 54.00	1.3		
TPC	78.48	324 eP	43 54.00	0.4		
RMU	78.58	329 P	43 55.50	1.3		
GLD	78.62	335 P	43 54.50	0.1		
	1.0s	20.00nm		5.1mb		
GOL	78.63	334 P	43 54.00	-0.6		
	1.0s	5.00nm		4.5mb		
RVR	79.05	323 eP	43 57.00	0.3		
MWC	79.57	323 eP	44 00.00	0.2		
GSC	79.80	324 eP	44 02.00	1.2		
SBB	79.82	323 eP	44 01.00	0.1		
CLC	80.60	324 eP	44 05.00	0.0		
SYP	80.80	322 eP	44 07.00	0.8		
BLF	81.06	119 eP	44 06.50	-1.4		
RSSD	82.10	337 P	44 13.30	0.4		
	1.0s	5.50nm		4.5mb		
PRI	82.40	322 ePc	44 16.00	1.5		
		e	44 27.00			
EUR	82.77	327 iP	44 17.20	0.7		
	1.0s	5.77nm		4.6mb		
BDW	82.86	333 ePd	44 15.80	-1.1		
	1.3s	5.66nm		4.5mb		
LLA	82.91	322 eP	44 18.20	1.2		
PRS	82.91	322 ePc	44 18.50	1.5		
MNA	82.95	325 ePc	44 18.30	1.0		
KSR	83.35	116 eP	44 19.70	-0.2		
JAS1	83.66	324 ePc	44 21.70	0.9		
		e	44 31.40			
MHC	83.82	322 ePc	44 23.20	1.4		
BPI	84.03	117 eP	44 19.00	-4.3X		
BMN	84.11	327 P	44 24.50	1.3		
SLR	84.47	117 eP	44 24.20	-1.2		
ORV	85.45	324 ePc	44 31.10	1.4		
		e	44 41.90			
RSON	85.67	347 P	44 29.30	-1.2		
	1.0s	11.00nm		5.0mb		
WDC	86.75	324 ePc	44 35.80	-0.3		
NEW	90.36	332 P	44 52.00	-1.1		
	1.0s	4.00nm		4.7mb		
BNG	93.02	87 iPd	45 15.30	9.2X		
	1.0s	7.90nm		5.1mb		
EDM	93.05	337 ePd	45 03.30	-2.1		
GBA	146.26	118 PKP	51 32.60	0.2		
PSI	148.69	163 ePKPc	51 39.90	3.5X		
HYB	149.45	113 ePKP	51 42.50	5.0X		
IPM	150.99	166 ePKPc	51 45.00	5.1X		

S.D. = 1.2 on 60 of 71 obs.

APR 16, 1985 04h 00m 45.09± 0.41s
33.124 S ± 6.5km 72.356 W ± 4.7km
DEPTH = 33.0km (normal)
4.8mb (7 obs.)
OFF COAST OF CENTRAL CHILE (134)
Felt (II) at Santiago.

LNV	1.14	137 iPd	01 04.70	-0.1		
TACH	1.30	114 iPd	01 06.50	-0.6		
PEL	1.40	91 iP+	01 07.60	-1.0		
SAN	1.46	103 iPc	01 08.50	-0.9		
		iS	01 26.50			
BACH	1.58	99 iPc	01 10.40	-0.8		
PCH	1.62	108 iPd	01 11.20	-0.6		
CHCH	1.64	120 eP	01 11.70	-0.3		
FCH	1.74	97 iPc	01 13.00	-0.8		
MDZ	2.96	86 eP	01 32.50	1.7		
		i(S)	01 50.50			
RTCB	3.43	62 ePd	01 37.00	-0.6		
		(S)	02 26.00			
RTCV	3.46	70 eP	01 39.00	0.9		
ZON	3.49	64 eP	01 41.00	2.6		
RFA	3.63	118 ePd	01 40.60	0.2		
RTLL	3.75	63 ePc	01 42.30	0.3		
		S	02 34.00			
CFA	3.80	68 e(P)	01 43.00	0.3		
		S	02 40.80			
TCA	6.82	77 ePd	02 21.90	-3.5X		
		S	03 35.00			
CYA	7.32	52 e(P)	01 39.00	-53.5X		
FSA	8.93	40 e(P)	02 56.00	1.3		
SLA	10.30	37 eP	03 13.00	-0.8		
ARE	16.61	3 eP	04 38.00	0.6		
LPB	16.96	14 P	04 41.00	-0.9		
BAO	28.09	58 e(P)	06 32.00	-4.1X		
SPA	57.05	180 eP	10 31 70	1.5		
	1.0s	9.50nm		4.8mb		
PRM	67.51	351 P	11 38.00	-1.9		
JCT	68.38	335 eP	11 45.80	0.3		
	1.0s	16.00nm		5.1mb		
LTX	68.84	331 eP	11 48.80	0.4		
	0.7s	2.58nm		4.4mb		
RSCP	69.48	349 P	11 50.70	-1.4		
BHO	70.40	340 eP	11 57.40	-0.3		
	1.0s	7.40nm		4.7mb		
ELC	71.79	346 P	12 04.00	-2.1		
TUL	72.09	340 eP	12 07.20	-0.7		
	0.9s	9.20nm		4.8mb		
		e	12 13.50			
RLO	72.12	341 eP	12 07.70	-0.4		
FVM	72.72	345 P	12 09.70	-1.9		
ALQ	74.88	332 eP	12 24.50	0.6		
	1.1s	8.54nm		4.7mb		
GLA	77.02	324 eP	12 38.00	1.6		
GLD	78.64	335 P	12 45.00	-0.3		
GOL	78.65	335 P	12 45.50	0.0		
SDW	79.38	324 P	12 50.00	0.6		
GSC	79.80	324 eP	12 53.00	1.4		
SBB	79.81	323 eP	12 52.00	0.3		
CLC	80.60	324 eP	12 56.00	0.2		
BDW	82.87	333 P	13 03.00	-4.7X		
BMN	84.11	327 P	13 14.00	0.1		
RSON	85.72	347 P	13 20.40	-1.1		
	0.9s	10.50nm		5.1mb		
GAS	86.12	323 P	13 26.00	2.0		
YKA	101.14	341 ePdiff	14 32.90	0.2		
GBA	146.33	118 PKP	20 24.00	0.7		
PSI	148.65	163 ePKPc	20 30.80	3.7X		
HYB	149.53	114 ePKP	20 33.00	4.6X		

S.D. = 1.1 on 42 of 48 obs.

& APR 16, 1985 04h 54m 40.58s
60.077 N 152.595 W
DEPTH = 79.8km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.15	314 eP	54 51.75	1.0		
		eS	55 01.58			
RDT	0.51	11 iP	54 54.16	-0.5		
PDB	0.86	251 iP	54 57.26	-0.9		
		iS	55 10.47			
BRLK	0.92	109 eP	54 58.18	-0.7		
		iS	55 11.45			
NKA	0.95	45 iP	55 00.42	1.2		
SPU	1.14	13 iP	55 00.96	-0.7		
CRP	1.21	10 eP	55 02.07	-0.7		
SLKM	1.26	69 eP	55 02.33	-0.8		
CGLM	1.27	13 iP	55 02.69	-0.7		
SEW	1.58	88 eP	55 06.08	-1.2		
MPA	1.66	74 eP	55 07.48	-1.0		
SVW	1.82	306 iP	55 08.73	-1.9		
PMS	1.90	51 eP	55 10.87	-0.8		
PTE	1.94	64 eP	55 10.63	-1.5		
PWA	2.06	39 eP	55 13.07	-0.8		
PLRM	2.28	47 eP	55 15.28	-1.5		
KDC	2.34	179 eP	55 15.19	-2.4		
PME	2.34	47 eP	55 16.36	-1.3		
KNK	2.43	55 eP	55 17.11	-1.9		
GHO	2.47	45 eP	55 17.81	-1.8		
		eS	55 45.08			
MSE	2.50	43 eP	55 18.18	-1.8		
SML	2.71	48 iP	55 20.88	-1.9		
GLI	2.84	71 eP	55 23.89	-0.7		
FID	3.11	75 eP	55 24.18	-4.1		
SCM	3.12	53 eP	55 26.33	-2.1		
VZW	3.14	69 eP	55 25.82	-3.0		
VLZ	3.26	68 eP	55 27.18	-3.2		
KLU	3.57	64 iP	55 31.79	-3.0		
TOA	3.72	54 eP	55 35.07	-1.8		
BALM	5.15	75 eP	55 52.54	-4.4		

30 obs. associated

APR 16, 1985 04h 59m 30.73± 0.67s
40.408 N ± 6.8km 26.104 E ± 6.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.61	164 iPg	59 42.50	-0.4		
		iSg	59 53.50			
KGT	0.92	87 iPg	59 48.00	-0.3		
		iSg	00 01.50			
EDC	1.35	92 iPn	59 55.00	-0.5		
KDZ	1.36	335 iPd	59 56.00	0.3		
BNT	1.39	92 iPn	59 55.80	-0.3		
TTK	1.62	113 iPn	00 00.80	1.3		

16d 05h

DMK	1 89	41	iPn	00 02.90	-0.4	
CTT	1.91	67	iPn	00 03.80	0.1	
PLD	2.00	329	eP	00 09.00	4.1X	
DST	2.10	112	ePn	00 06.50	0.1	
MMB	2.15	304	eP	00 07.00	-0.2	
			eS	00 40.00		
PVL	2.82	346	eP	00 23.00	6.3X	
VTS	3.09	316	eP	00 28.00	7.6X	
			eSg	01 10.00		
	S.D. = 0.6		on	10 of 13 obs.		

? APR 16, 1985 05h 22m 32.16± 9.17s
21.309 S ±72.5km 178.658 W ±83.9km
DEPTH = 521.2 ± 49.9 km
FIJI ISLANDS REGION (181)

NOU	13.87	263	iPc	25 30.50	-0.2	
KRP	17.30	196	P	26 06.00	1.4	
MNG	19.88	193	P	26 28.00	-1.4	
			eS	29 31.00		
TCW	20.73	195	P	26 37.20	0.0	
CAN	31.55	237	eP	28 12.30	-0.6	
YOU	31.74	239	eP	28 14.40	-0.1	
WAM	31.91	235	eP	28 16.40	0.5	
ASPA	43.74	258	eP	29 53.00	0.3	
WB2	43.87	263	iPd	29 53.80	0.1	
	S.D. = 1.0		on	9 of 9 obs.		

• APR 16, 1985 05h 29m 46.20± 1.88s
33.424 S ± 7.8km 72.096 W ±16.6km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.78	133	iPd	30 00.50	-0.2	
			iS	30 13.70		
TACH	0.99	104	iPd	30 03.50	-0.4	
			iS	30 20.20		
PEL	1.21	77	iP	30 06.70	-0.3	
FCH	1.51	87	iPc	30 11.50	-0.1	
RFA	3.30	115	e(P)	30 37.50	0.7	
RTCV	3.38	64	ePd	30 38.30	0.3	
			S	31 30.70		
RTCB	3.39	56	ePd	30 38.30	0.1	
			S	31 29.00		
ZON	3 44	58	eP	30 39.00	0 1	
RTLL	3.71	57	ePc	30 42.50	-0.1	
			S	31 37.20		
TCA	6.68	74	ePd	31 21.00	-3.6X	
SLA	10.41	35	e(P)	32 34.00	17.6X	
LPB	17.20	13	P	33 46.00	0.0	
	S.D. = 0.3		on	10 of 12 obs.		

• APR 16, 1985 05h 45m 51.35± 1.12s
20.798 S ±13.3km 178.719 W ±10.9km
DEPTH = 546.1 ± 14.4 km
4.5mb (9 obs.)
FIJI ISLANDS REGION (181)

AFI	9.53	45	P	48 05.00	-0.4	
			S	49 49.00		
NOU	13.88	261	iPc	48 56.00	6.6X	
CRZ	15.56	207	P	49 10.00	4.0X	
KRP	17.78	195	P	49 29.00	1.5	
TCW	21.20	195	eP	49 58.00	-1.6	
ASPA	43.80	257	iPd	53 11.20	0.5	
			e	54 44.00		
			eS	58 59.00		
WB2	43.88	262	iPd	53 11.20	-0.1	
			eS	59 00.80		
WRA	43.89	262	P	53 12.00	0.6	
	8 3s		3 40nm		4.4mb	
KNA	49 95	267	iPd	53 50.00	-7.3X	
MBL	57 04	258	eP	54 47.00	-0.7	
KLB	57 32	245	eP	54 49.00	-0 4	
SBA	57 53	184	eP	54 44.60	-5.6X	
MUN	58.59	245	eP	54 58.00	-0.1	
GLA	81.13	50	eP	57 12.80	1 7	
BMN	83.52	42	ePd	57 23.80	0.7	
	0.9s		3.52nm		3.9mb	
PSI	83.81	275	eP	57 25.00	0.1	
	0.8s		19.90nm		4.8mb	
RMU	85.90	48	eP	57 35.40	0.7	
PNT	87.28	34	eP	57 40.00	-0.8	
	0 7s		8.00nm		4.6mb	
LTX	87.78	58	eP	57 44.30	0 5	
	1.0s		2.40nm		4.0mb	
ALQ	88.11	52	eP	57 44.50	-0.8	
	1.1s		6.01nm		4.3mb	
COL	88.68	13	eP	57 46.00	-1.0	
	0.8s		11.94nm		4.8mb	
BDW	89.64	43	iPc	57 52.00	-0.2	
	1.1s		7.06nm		4.5mb	
CHTO	89.71	290	iPd	57 53.80	1.1	
	0.6s		5.89nm		4.7mb	
YKA	97.06	25	eP	58 25.60	0.4	
SOD	130.74	347	ePKP	03 59.00	-2.1X	
KJF	133.16	345	ePKP	04 05.00	-0.8	
SUF	134.78	344	ePKP	04 06.00	-2.9X	
NUR	137.03	343	ePKP	04 12.00	-1.2	
NB2	139.19	353	PKP	04 07.40	-9.8X	
	0.6s		1.50nm			
HFS	139.72	350	ePKP	04 08.30	-9.8X	
	0.4s		3.00nm			
EKA	145.36	4	PKPc	04 27.80	-0.2	
	0.9s		7.80nm			
KRA	147.27	338	ePKP	04 33.80	2.5X	
CLL	148.19	346	PKP	04 36.00	3.3X	
CLL	148.19	346	PKP	04 41.60	8.9X	
WTS	148.56	353	iPKPc	04 36.30	3.1X	
	0.8s		15.00nm			
			e	04 42.50		
PRU	149.03	343	PKP	04 38.00	4.0X	
MOX	149.12	347	ePKP	04 39.00	4.8X	
ENN	149.87	354	ePKPc	04 40.00	4.8X	
	0.9s		13.00nm			
			e	04 48.50		
MEM	150.02	354	PKP	04 40.80	5.4X	
KHC	150.07	344	PKP	04 36.00	0.3	
			i	04 41.00		
			e	04 50.00		
DOU	150.65	356	PKPc	04 42.30	5.9X	
WLF	150.94	353	PKP	04 43.20	6.4X	
CDF	152.03	351	ePKP	04 45.30	6.7X	
	0.6s		4.00nm			
FLN	152.06	2	ePKP	04 44.90	6.4X	
GRR	152.42	3	ePKP	04 46.00	7.0X	
HAU	152.55	353	ePKP	04 46.10	6.8X	
BSF	152.66	352	ePKP	04 46.50	6.9X	
LPF	152.77	3	ePKP	04 46.60	7.1X	
	0.8s		5.90nm			
	S.D. = 0.9		on	24 of 48 obs.		

APR 16, 1985 07h 59m 58.82± 0.39s
9.380 N ± 5.9km 73 677 W ± 6.7km
DEPTH = 33.0km (normal)
4.7mb (23 obs.)
NORTHERN COLOMBIA (99)

GAL	2.09	312	iP	00 37.50	5.2X	
BMG	2.37	165	iP	00 37.00	0.7	
LGN	2.49	72	iPn	00 39.80	1.9	
	0.6s		550.00nm			
UAV	2.62	107	iPnc	00 39.90	0.0	
	0.6s		314.60nm			
SDV	3.05	99	iPnd	00 46.10	0.1	
	0.4s		203.70nm			
TOV	3.85	84	iPnd	00 56.80	-0.5	
	0.5s		107.70nm			
BOG	4.74	185	eP	01 11.50	1.3	
			eS	02 13.00		
UPA	5.80	267	iPd	01 25.20	0.4	
	1.0s		100.00nm		5.4mb	
			i	01 30.40		
			iS	02 31.00		
PCJ	8.98	338	eP	02 08.47	-0.8	
			eS	03 45.47		
HOJ	9.08	341	eP	02 09.94	-0.7	
			eS	03 52.89		
GWJ	9.14	341	eP	02 10.81	-0.8	
			eS	03 52.21		
STH	9.17	341	eP	02 10.74	-1.2	
			eS	03 52.69		
MCJ	9.34	336	eP	02 20.45	6.1X	
			eS	03 45.47		
BBJ	9.60	339	eP	02 17.25	-0.7	
			eS	04 09.47		
GUV	10.58	98	iPd	02 24.30	-7.0X	
SJG	11.35	39	eP	02 34.00	-7.8X	
			i	04 31.50		
GCM	12.36	324	P	02 52.85	-2.5	
NNA	21.46	188	eP	04 41.50	-5.2X	
	1 0s		21.00nm		4.5mb	
ARE	25.77	175	eP	05 26.00	-2.8	
PRM	25.85	343	P	05 31.00	1.9	
LPB	26.33	168	PKP	05 34.00	-0.2	
RSCP	28.27	339	P	05 57.30	6.0X	
BHO	31.57	325	eP	06 21.90	1.3	
FVM	32.23	335	P	06 27.10	0.8	
	1.1s		35.37nm		5.2mb	
YJA	32.36	166	e(P)	06 24.00	-4.1X	
RLO	32.98	327	ePc	06 32.50	-0.4	
			e	06 37.50		
			e	06 55.80		
TUL	33.21	326	eP	06 35.40	0.6	
	0.8s		10.40nm		4.8mb	
			e	06 40.00		
LTX	34.39	309	iPd	06 52.20	6.9X	
	0.7s		3.23nm		4.4mb	
BAO	35.57	134	e(P)	06 53.20	-2.3	
ALQ	39.29	315	P	07 34.00	7.3X	
ALQ	39.29	315	eP	07 28.00	1.3	
	0.9s		2.94nm		4.0mb	
GLD	41.28	322	P	07 50.50	7.5X	
GOL	41.34	322	P	07 45.00	1.4	
RSSD	43.48	328	P	08 02.80	1.8	
	1.0s		4.50nm		4.2mb	
RMU	43.53	315	P	08 04.50	3.2X	
RSON	44.53	342	P	08 09.10	0.0	
	0.8s		10.56nm		4.7mb	
SCH	45.65	6	eP	08 18.00	0.1	
BDW	45.72	323	eP	08 20.00	1.0	
			i	08 25.30		
EUR	48.13	316	iP	08 44.80	6.8X	
	0.2s		5.58nm		5.2mb	
BMN	49.41	316	e(P)	08 56.00	8.2X	
FFC	50.51	339	eP	08 55.00	-0.8	
	0.7s		4.00nm		4.5mb	
NEW	53.19	325	P	09 17.00	0.9	
	1.0s		6.00nm		4.5mb	
EDM	54.12	332	eP	09 23.00	0.2	
FRB	54.40	3	eP	09 23.00	-1.6	
YKC	60.63	340	eP	10 08.00	-0.6	
YKA	60.69	340	eP	10 08.60	-0.4	
LIC	68.00	87	eP	10 53.90	-3.6X	
INK	70.44	340	eP	11 11.00	-0.5	
MBC	71.20	350	eP	11 16.00	-0.1	
	0.5s		6.00nm		4.9mb	
EKA	71.28	35	P	11 23.00	6.1X	
	0.8s		4.60nm		4.6mb	
GRR	71.64	42	eP	11 23.40	4.3X	
	0.8s		7.70nm		4.8mb	
FLN	71.93	42	eP	11 23.40	2.5	
	0.7s		5.20nm		4.6mb	
MFF	71.93	44	eP	11 25.10	4.2X	
	0.8s		8.00nm		4.8mb	
EPF	71.98	48	eP	11 25.90	4.5X	
	1.0s		16.00nm		5.0mb	
ALE	73.27	2	eP	11 27.50	-0.7	
	0.7s		6.00nm		4.7mb	
BGF	73.99	44	eP	11 36.70	3.7X	
	0.7s		4.40nm		4.6mb	
SMF	74.67	44	eP	11 40.90	3.9X	
	0.7s		3.70nm		4.5mb	
LOR	74.72	44	eP	11 41.10	3.9X	
	0.7s		6.60nm		4.7mb	
NB2	79.39	30	P	12 03.60	0.6	
	1.2s		10.80nm		4.7mb	
NUR	85.99	29	eP	12 44.00	7.1X	
SUF	86.21	27	eP	12 45.00	7.0X	
BNG	91.47	85	iPd	13 02.40	-1.5	
	1.0s		7.90nm		5.1mb	
ASPA	150.07	238	ePKP	19 49.00	5.7X	
WB2	150.97	246	ePKP	19 49.20	4.5X	
WRA	150.98	246	PKPc	19 50.60	5.9X	
	0.7s		4.30nm			
	S.D. = 1.3		on	39 of 65 obs.		

& APR 16, 1985 09h 11m 52.44s
60.272 N 153.328 W
DEPTH = 155.1km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.27	109	iP	12 13.22	1.1	
			eS	12 29.36		
RDT	0.55	56	eP	12 14.27	-0.7	
			eS	12 31.51		
PDB	0.65	222	eP	12 14.49	-0 9	
			eS	12 31.86		
SPU	1.11	34	iP	12 18.18	-0.8	
NKA	1.14	65	eP	12 19.82	0.7	

CRP	1.15	29	eP	12	18.99	-0.5
CGLM	1.22	31	iP	12	19.39	-0.7
BRLK	1.33	111	eP	12	20.41	-0.6
			iS	12	40.74	
SVW	1.41	308	iP	12	20.29	-1.5
SLKM	1.56	80	eP	12	21.72	-1.7
SEW	1.95	93	eP	12	26.16	-1.4
MPA	1.98	82	eP	12	26.45	-1.6
PMS	2.09	61	eP	12	27.58	-1.8
			eS	12	51.95	
PWA	2.18	49	eP	12	30.78	0.5
PTE	2.21	73	eP	12	28.50	-2.1
KDL	2.57	170	eP	12	32.14	-2.9
MSE	2.64	52	eP	12	33.42	-2.7
KNK	2.65	62	eP	12	33.58	-2.5
SML	2.88	55	eP	12	36.30	-2.7
GLI	3.14	76	eP	12	40.99	-1.3
SCM	3.31	59	eP	12	42.33	-2.3
FID	3.42	79	eP	12	43.91	-2.0
VZW	3.43	74	eP	12	43.79	-2.3
VLZ	3.55	73	eP	12	45.14	-2.3
KLU	3.82	68	eP	12	48.75	-2.5
TOA	3.92	59	eP	12	50.79	-1.7
KMP	4.24	69	eP	12	54.44	-2.3
BALM	5.46	77	eP	13	11.62	-1.3

28 obs. associated

& APR 16, 1985 09h 41m 47.30s
40.195 N 122.073 W
DEPTH = 5.0km (geophysicist)
NORTHERN CALIFORNIA (36)
<BRK>. ML 2.7 (BRK).

MIN	0.39	67	iPd	41	54.60	-0.5
WDC	0.52	317	iPd	41	56.10	-1.7
			iS	42	03.50	
GAS	0.73	223	eP	42	00.20	-1.7
ORV	0.78	145	ePd	42	00.80	-2.1
LMHM	1.42	13	eP	42	11.70	-2.3
FHC	1.58	293	eP	42	16.60	0.5
WCN	1.99	116	eP	42	22.00	-0.2
JAS1	2.61	150	eP	42	31.40	0.6
			e(S)	43	07.50	
EUR	4.75	97	iP	43	20.50	18.9
	0.6s		1.28nm			

9 obs. associated

% APR 16, 1985 09h 46m 33.09± 2.01s
40.435 N ± 7.9km 26.046 E ±17.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.65	161	iPg	46	45.50	-0.5
			iSg	46	55.00	
KGT	0.96	89	iPg	46	51.10	-0.2
			iSg	47	05.60	
EDC	1.39	93	iPn	46	58.00	-0.5
BNT	1.43	93	iPn	46	59.00	-0.1
TTK	1.67	113	iPn	47	03.60	1.0
DMK	1.89	42	iPn	47	05.90	0.1
CTT	1.94	68	iPn	47	06.10	-0.4
DST	2.15	112	iPn	47	09.50	0.0
IZM	2.24	155	iPn	47	11.10	0.2
ISK	2.37	74	ePn	47	13.00	0.3
S.D = 0.5			on	10	of 10	obs.

• APR 16, 1985 10h 54m 51.95± 2.14s
42.734 N ±18.5km 0.519 E ± 7.6km
DEPTH = 10 0km (geophysicist)
PYRENEES (378)
ML 3.3 (LDG).

EPF	0.32	336	Pg	54	59.70	1.0
JAU	0.72	295	ePg	55	06.00	-0.2
			eSg	55	13.18	
OGE	0.85	301	ePg	55	07.78	-0.5
LHE	0.86	282	ePg	55	09.28	0.7
ESCF	0.87	294	ePg	55	08.69	-0.1
			eSg	55	17.32	
ATE	0.96	292	ePg	55	10.28	0.0
			eSg	55	20.70	
MADF	1.06	293	ePg	55	11.95	0.0
LPO	2.01	14	Pn	55	26.60	0.3
			Pg	55	30.90	
			Sn	55	54.80	
CAF	2.46	27	Pn	55	33.00	0.2
			Pg	55	40.00	
			Sg	56	10.00	
RJF	2.67	15	Pn	55	34.90	-0.8
			Pg	55	42.80	
			Sg	56	15.00	
LSF	3.59	11	Pg	55	59.60	10.8X
			Sg	56	42.80	
TCF	3.75	18	Pn	55	50.40	-0.8
			Pg	56	02.80	
			Sg	56	48.00	
MZF	3.78	22	Pn	55	52.00	0.5
			Pg	56	04.40	
			Sg	56	50.40	
MFF	3.90	353	Pn	55	51.80	-1.3
			Pg	56	04.20	
			Sg	56	48.90	
BGF	4.17	23	Pn	55	58.00	1.0
			Pg	56	11.20	
			Sg	57	02.40	
AVF	4.53	25	Pg	56	18.80	16.7X
			Sg	57	14.30	
SMF	4.57	30	Pg	56	20.80	18.1X
			Sg	57	15.50	
SSF	4.82	25	Pg	56	24.80	18.6X
			Sg	57	23.40	
S.D. = 0.8			on	14	of 18	obs.

? APR 16, 1985 11h 13m 12.51±14.86s
33.066 S ±39.2km 72.514 W ±118.km
DEPTH = 33.0km (normol)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.28	134	iPd	13	34.40	0.3
			iS	13	49.10	
TACH	1.44	114	iPd	13	36.00	-0.6
			iS	13	53.00	
PEL	1.54	93	iP	13	37.40	-0.6
			iS	13	53.00	
FCH	1.88	99	eP	13	43.00	-0.3
MDZ	3.09	88	eP	14	02.00	1.9
			eS	14	41.50	
TCA	6.93	78	e(P)	14	53.60	-0.9
			S	16	14.00	
S.D. = 1.3			on	6	of 6	obs.

• APR 16, 1985 11h 16m 54.10± 1.10s
39.863 N ±11.0km 20.399 E ±10.7km
DEPTH = 10.0km (geophysicist)
3.5mb (2 obs.)
GREECE-ALBANIA BORDER REGION (392)
ML 3.9 (ATH).

KZN	1.14	67	ePb	17	13.50	-2.0
			eSb	17	31.00	
OHR	1.28	14	iPn	17	21.60	3.7X
VLS	1.69	175	iPbd	17	24.00	0.2
			iSn	17	47.00	
LCI	1.93	285	e(Pn)	17	35.00	7.7X
VAY	2.20	48	iPn	17	31.00	-0.2
SKO	2.25	20	ePn	17	37.00	5.1X
			eSn	18	03.00	
MMB	3.06	55	iPc	17	43.00	-0.4
ATH	3.20	125	ePg	17	55.00	9.6X
			eSb	18	30.50	
VTS	3.45	37	iPd	17	51.00	2.0
			eSg	18	48.00	
PLD	3.95	54	eP	18	09.00	12.9X
KDZ	4.16	63	iP	18	01.00	2.0
PVL	4.86	46	eP	18	14.00	5.1X
VOY	7.79	324	e(Pn)	18	51.30	1.0
			eSn	19	19.00	
HFS	20.72	350	eP	21	35.20	-1.8
	0.5s		1.80nm		3.7mb	
NB2	21.95	348	P	21	48.80	-0.6
	0.5s		0.70nm		3.3mb	
SUF	23.15	7	eP	22	01.00	-0.2
S.D. = 1.6			on	10	of 16	obs.

? APR 16, 1985 12h 10m 09.79± 8.12s
44.629 N ±36.6km 6.820 E ±116.km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.8 (LDG).

FRF	1.08	187	Pn	10	29.80	-0.2
			Sg	10	45 40	
LMR	1.31	190	Pg	10	34.60	0.5
			Sg	10	52.00	
SMF	2.90	315	Pn	10	57.10	0.2
			Pg	11	03.50	
AVF	3.25	313	Pn	11	01.90	0.1
BGF	3.39	306	Pn	11	03.80	0.0
			Pg	11	12.80	
			Sg	11	56.00	
S.D. = 0.4			on	5	of 5	obs

APR 16, 1985 12h 30m 55.42± 0 95s
24.430 S ± 7.4km 179.768 E ± 7 6km
DEPTH = 503.4 ± 11.1 km
4.7mb (6 obs.)
SOUTH OF FIJI ISLANDS

SVA	6.40	349	eP	31	27.00	-69 7X
			eS	33	59.00	
VUN	6.51	349	iP	32	38.00	0.2
			eS	34	01.00	
NOU	12.41	277	iPc	33	40.00	0.7
			iS	36	23.50	
AFI	13.16	39	P	33	58.00	10.8X
			S	35	42.00	
GNZ	14.25	186	eP	34	00.00	1.9
			S	36	25.50	
MNG	16.54	192	P	34	20.70	-0.4
			S	36	03.60	
			ScP	41	27.50	
TCW	17.35	194	eP	34	28.00	-1.0
			eS	37	20.00	
HNR	24.07	305	eP	35	31.00	-0.9
SVO	24.35	305	e(P)	35	40.00	5.5X
VSG	24.36	305	eP	35	34.00	-0.6
CAN	28.70	241	iPc	36	13.40	0.7
YOU	28.96	243	iPc	36	16.10	1.1
WAM	29.00	239	eP	36	15.20	-0 1
CMS	30.70	249	eP	36	30.00	0.0
CTA	31.27	271	iPd	36	35.30	0.4
	0.8s	102	99nm		5.4mb	
			iS	41	06.20	
ASPA	41.74	261	eP	38	01.00	-0 3
WB2	42.15	267	eP	38	03.20	-1.3
			eScP	42	51.70	
			eS	43	46.50	
KNA	48.45	270	P	38	47.50	-5.8X
SBA	53.84	183	eP	39	25.50	-6.4X
KLB	54.59	248	iPc	39	36.20	-1.6
MBL	54.98	261	eP	39	38.70	-2.0
MUN	55.83	247	eP	39	45.00	-1.5
NAU	58.49	258	iPd	40	04.00	-0.8
	0.4s		16.00nm		4.7mb	
SPA	65.72	180	eP	40	51.80	0.6
	1.0s		26.00nm		4.8mb	
MAT	72.21	326	iPc	41	29.80	-0.4
	0.8s		14.93nm		4.6mb	
KGM	78.52	278	ePc	42	05.80	0.2
IPM	81.68	279	ePd	42	21.90	-0.1
	0.7s		17.30nm		4.7mb	
MDJ	82.59	326	eP	42	26.50	0.6
WHN	83.15	308	Pc	42	30.20	1.2
PLM	83.29	49	eP	42	30.00	0.1
SBB	83.40	47	eP	42	29.00	-1.3
JAS1	83.64	43	e(P)	42	30.90	-0.5
ORV	83.98	42	e(P)	42	32.70	-0.3
WDC	84.00	40	e(P)	42	33.00	0 0
CN2	84.19	324	P	42	33.50	-0 4
			pP	44	20.0€	476km
CLC	84.21	47	eP	42	34 0€	-0 3
TPC	84.27	49	eP	42	35.0€	0 4
GSC	84.44	47	eP	42	35.00	-0 5
TIA	84.44	314	P	42	35.90	0.6
GLA	84.53	50	eP	42	36.00	0.1
TIY	88.39	313	eP	42	55.20	1.0
XAN	88.90	308	eP	42	57.20	0.6
CHTO	89.66	291	eP	43	02.00	1.6
CD2	91.19	303	P	43	09.40	2.2
ALO	91.45	52	eP	43	07.00	-1.5
	1 2s		4.69nm		4.3mb	
SUF	137.84	342	iPKP	49	13.20	-9.7X
UPP	142.46	345	iPKP	49	25.60	-5.6X
NB2	142.57	351	PKP	49	26.60	-4.9X
	0.9s		6.20nm			
ELO	147.89	4	ePKPc	49	42.60	2.2
EAB	148.13	4	ePKPc	49	34.00	-6.7X
EAU	148.53	3	ePKP	49	44.70	3 3X
CLL	151.29	343	iPKP	49	51.60	6 0X
	1.1s		26.00nm			
			e	49	58.00	

16c 12r

		e	51 52.00			
WTS	151 95 351	ePKP	49 53.50	7.0X		
		e	50 04.50			
ENN	153.28 351	ePKP	50 10.00	21.6X		
	1.0s	12.00nm				
		e	50 24.50			
CDF	155.34 348	ePKP	49 48.10	-3.4X		
HAU	155.90 349	ePKP	49 51.40	-0.7		
BSF	155.99 348	ePKP	49 46.60	-5.8X		
	0.5s	11.30nm				
LOR	156.98 353	ePKP	50 08.00	14.5X		
SSF	157.22 353	ePKP	50 09.60	15.8X		
	0.6s	9.30nm				
LBF	157.24 353	ePKP	50 05.00	11.1X		
	0.6s	4.10nm				
AVF	157.50 354	ePKP	50 09.10	15.0X		
SMF	157.59 353	ePKP	50 04.60	10.4X		
BGF	157.78 354	ePKP	50 12.90	18.5X		
	0.4s	3.30nm				
	S.D. = 1.0	on 42 of 63 obs.				

% APR 16, 1985 12h 46m 12.15± 0.73s
60.473 N ± 5.7km 5.478 E ± 6.6km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUP 1.6 (BER). Explosion.

ASK	0.14 274	iPg	46 14.90	-0.1	
		iSg	46 16.90		
SUE	0 68 329	iPg	46 25.90	0.1	
		iSg	46 34.40		
HYA	0 78 26	iPn	46 27.60	-0.1	
		eSn	46 38.70		
ODD	0.79 131	iPn	46 28.00	0.0	
		eSn	46 39.10		
KMY	1.27 185	ePn	46 36.60	0.0	
		eSn	46 52.30		
	S.D. = 0.1	on 5 of 5 obs.			

APR 16, 1985 12h 46m 45.17± 0.47s
39.790 N ± 5.4km 20.559 E ± 3.6km
DEPTH = 10.0km (geophysicist)
4.8mb (9 obs.)
GREECE-ALBANIA BORDER REGION (392)
ML 4.3 (TTG), 4.1 (ATH).

KZN	1.06 61	iPgd	47 03.50	-1.8	
OHR	1.33 8	iPn	47 10.60	0.8	
LIT	1.52 78	ePbc	47 11.00	-1.4	
VLS	1.61 179	iPbd	47 14.50	0.8	
		iSb	47 33.50		
GRG	1.83 50	ePnd	47 17.20	0 3	
		eSn	47 44.20		
LCI	2.07 286	e(Pn)	47 20.00	-0.4	
		e(Sn)	47 43.00		
VAY	2.16 44	iPn	47 22.40	0.7	
		i	47 24.40		
		iSn	47 50.80		
SKO	2.28 17	iPn	47 25.50	2 1	
		i	47 27.50		
		iSn	47 55.00		
		i	47 57.40		
ULC	2.39 336	ePn	47 26.60	1.7	
BDV	2.81 333	ePn	47 32.00	1.0	
		eSn	48 08.00		
TTG	2.81 340	ePn	47 32.00	1.0	
		eSn	48 08.00		
PVY	2.84 351	ePn	47 34.00	2.6	
		eSn	48 14.00		
MMB	3.01 52	iPc	47 34.00	0.3	
ATH	3.06 125	iPnd	47 35.50	1 1	
		iSn	48 11.50		
HCY	3.08 330	ePn	47 35.00	0.3	
		e(Sn)	48 16.00		
VTS	3 44 35	iP	47 37.00	-2.9	
		iSg	48 39.00		
BPY	3.46 335	ePn	47 40.50	0.3	
		eSn	48 25.00		
PLE	3 64 347	ePn	47 44.30	1.4	
		e	48 28.00		
PLD	3.90 52	eP	47 48.00	1.6	
KDZ	4.08 62	iP	47 47.00	-2.0	
		iS	48 33.00		
SGO	4 09 282	ePn	47 51.00	1.9	
		e(Sn)	48 42.00		
EZN	4.44 88	iPn	47 53.60	-0.5	
PVL	4.82 44	iPc	48 00.00	0.5	
DUI	5.00 294	ePn	48 03.00	1.0	
JMB	5.28 58	iP	48 07.00	1.0	
		iSg	48 41.00		
		iSg	10 53.00		
IZM	5.40 103	ePn	48 07.10	-0.6	
GIB	5.41 253	ePn	48 09.50	1.5	
		eSn	49 09.00		
CLO	5.53 17	ePd	48 10.00	0.4	
EDC	5.63 82	eP	48 11.00	0.0	
BNT	5.68 82	ePn	48 11.00	-0.6	
TTK	5.77 88	ePn	48 14.90	2.0	
DMK	5.83 67	iP	48 12.90	-0.8	
CGN	5.96 41	ePc	48 21.00	5.5X	
AQU	5.98 298	ePn	48 18.50	2.6	
		eSn	49 49.00		
CTT	6.15 75	ePn	48 18.50	0.2	
BUC	6.19 40	eP	48 40.50	21.8X	
COZ	6.19 26	ePc	48 20.00	1.1	
DST	6.23 89	ePn	48 18.40	-1.0	
CMP	6.40 30	ePc	48 31.00	9.3X	
MNS	6.49 296	ePn	48 24.00	0.9	
YER	6.61 111	iPn	48 26.00	1.1	
PSN	6.90 53	eP	48 32.00	3.2X	
ISR	6.94 38	ePc	48 30.00	0.6	
MLR	6.94 33	eP	48 27.00	-2.5	
		e	09 50.00		
TLB	7.33 47	eP	48 37.00	2.2	
ALT	7.43 93	ePn	48 37.40	1.0	
CEY	7.46 325	iPn	48 34.80	-1.9	
		i	48 37.90		
		iSn	49 58.10		
VRI	7.58 35	ePd	48 40.00	1.7	
		e	09 56.00		
LJU	7.65 327	ePn	48 36.90	-2.4	
		i	48 39.90		
		eSn	50 00.30		
TRI	7.74 322	iPnc	48 38.00	-2.6	
		iPgPg	49 12.60		
		i	49 18.00		
		iSn	50 02.60		
		i	51 03.20		
CFR	7.78 44	ePc	48 42.00	0.9	
VOY	7.92 324	iPnd	48 40.90	-2.3	
		i	48 53.80		
		iSn	50 07 60		
		i	50 10.30		
ELL	7.96 109	ePn	48 43.90	0.2	
BCK	8.19 103	ePn	48 44.00	-2.9	
CLI	8.35 34	eP	48 50.00	0.9	
KBA	8.97 327	iPnc	48 55.40	-2.5	
	0.4s	7.90nm		5.4mb	
		i	48 58 70		
		i	49 15.50		
		i	49 34.90		
		iSn	50 33.70		
CTI	9.04 317	iPnc	48 58.50	-0.3	
		eSn	50 42.00		
SAL	9.40 311	ePn	49 01 50	-2.0	
		eSn	50 45.00		
SPC	9.40 359	eP	49 06.00	2.3	
OGA	9.91 319	eP	49 08.30	-2.5	
KRA	10.27 358	eP	49 22.80	7.2X	
		e	49 38.30		
KHC	10.58 334	P	49 20.50	0.7	
		e	49 41.00		
WET	10.84 332	eP	49 24.10	0.8	
ORO	10.93 306	ePn	49 24.00	-0.8	
		eSn	51 14.00		
PRU	11.05 339	eP	49 26.50	0.3	
MOX	12.54 333	(Pn)	49 45.00	-1.4	
GRC	14.71 306	iPd	50 21.50	6.5X	
MEM	14.88 321	P	50 23.80	6.7X	
DOU	15.26 318	P	50 26.10	3.9X	
MFF	16.54 301	eP	50 40.00	1.4	
GRR	17.58 306	eP	50 57.00	5.3X	
UPP	20.17 356	iP	51 18.10	-4.2X	
	0.8s	200.00nm		5.5mb	
		i	51 20.90		
NUR	20.90 6	iP	51 26 00	-3.8X	
	0.6s	13.00nm		4.5mb	
Z	17s	0.10um		3.3MszX	
		LR	00 20 00		
NB2	22.05 348	P	51 37.40	-4.1X	
	0.5s	7.40nm		4.4mb	
SUF	23.21 7	iP	51 50.50	-2.3	
	0.6s	20.20nm		4.8mb	
KJF	24.81 7	eP	52 04.00	-4.3X	
	0.7s	36.00nm		5.2mb	
		i	52 08.00		
SOD	27.84 5	eP	52 31.00	-5.3X	
KEV	30.22 4	iP	52 57.00	-0.7	
	0.7s	16.00nm		5.0mb	
BNG	35.24 183	ePd	53 41.30	-0.6	
	1.0s	7.90nm		4.5mb	
DAG	40.75 347	iPd	54 24.40	-2.9	
	0.5s	2.82nm		4.2mb	
		i	54 27.00		
MBC	61.46 350	eP	57 04.00	0.4	
INK	70.49 350	eP	58 01.00	-0.4	
YKC	71.87 340	eP	58 09.00	-0.7	
YKA	71.89 340	eP	58 10.00	0.1	
FFC	73.81 329	eP	58 21.00	-0.3	
	S.D. = 1.5	on 71 of 85 obs.			

APR 16, 1985 13h 08m 01.67± 0.76s
39.773 N ± 7.9km 20.527 E ± 6.2km
DEPTH = 10.0km (geophysicist)
4.1mb (4 obs.)
GREECE-ALBANIA BORDER REGION (392)
ML 3.7 (ATH).

KZN	1.09 60	ePb	08 21.00	-1.3	
OHR	1.35 9	iPn	08 28.10	1.5	
VLS	1.59 178	ePn	08 31.00	1.0	
		eSg	08 53.50		
LCI	2 05 287	e(Pn)	08 37.50	0.9	
		eSn	09 10.50		
VAY	2.19 45	iPn	08 39.00	0.3	
		iSn	09 06.00		
SKO	2.30 17	iPn	08 43.00	2.7X	
		iSn	09 10.50		
		i	09 12.00		
ULC	2.39 337	ePn	08 43.50	2.0	
BRT	2.77 295	ePn	09 00.00	13.1X	
		e(Sn)	09 19.00		
BDV	2.82 333	ePn	08 49.00	1.4	
TTG	2.82 341	ePn	08 49.30	1.7X	
		eSn	09 26.00		
MMB	3.04 52	iPc	08 52.00	1.3	
		iS	09 27.00		
ATH	3.07 125	ePn	08 51.00	-0.1	
		ePg	09 01.00		
		eSn	09 27.00		
HCY	3.08 331	ePn	08 52.10	0.9	
		eSn	09 29.50		
BRY	3.46 335	ePn	08 58.20	1.4	
VTS	3.47 35	iP	08 58.00	1.3	
		iSg	10 02.00		
KDZ	4.11 61	IP	09 05.00	-0.9	
		eS	09 48.00		
DIM	4.45 58	eP	09 14.00	3.3X	
PVL	4.85 44	eP	09 17.00	0.6	
DUI	4.98 294	ePn	09 11.00	-7.2X	
		eSn	10 17.50		
DMK	5.86 67	ePn	09 26.90	-3.7X	
CEY	7.46 325	ePn	09 52.50	-0.7	
		i	10 04.10		
		eSn	11 15.80		
LJU	7.66 327	ePn	09 54.60	-1.2	
VOY	7.92 324	iPnd	09 59.10	-0.6	
		eSn	11 27.30		
KBA	8.98 327	i(Pn)	10 13.30	-1.1	
		iSn	11 49.30		
CTI	9.04 317	ePn	10 14.00	-1.2	
		eSn	11 59.00		
UPP	20.19 356	iP	12 35.90	-3.1X	
HFS	20.83 350	eP	12 42.30	-3.3X	
	0.7s	6.30nm		4.1mb	
NUR	20.92 6	eP	12 42.00	-4.5X	
NB2	22.06 348	P	12 56.00	-2.1	
	0.4s	1.30nm		3.7mb	
SUF	23.23 7	iP	13 08.60	-0.9	
	0.5s	3.30nm		4.1mb	
KJF	24.83 7	iP	13 22.50	-2.5	
	0.6s	14.30nm		4.8mb	
	S.D. = 1.4	on 22 of 31 obs.			

& APR 16, 1985 14h 03m 53.48s
59.597 N 153.025 W
DEPTH = 88.7km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.60 10	eP	04 08.61	-0.6	

			iS	04 20.76		
PDB	0.62	288	eP	04 08.78	-0.6	
RDT	1 03	17	eP	04 13.04	-0.7	
			iS	04 28.77		
BRLK	1.10	80	iP	04 13.55	-1.0	
			iS	04 29.83		
NKA	1.46	37	eP	04 19.93	1.0	
SPU	1.66	16	eP	04 20.86	-0.9	
			iS	04 42.13		
SLKM	1.68	56	eP	04 21.23	-0.7	
CRP	1.73	14	eP	04 22.03	-0.7	
CGLM	1.79	16	eP	04 22.66	-0.8	
SEW	1.87	73	eP	04 22.70	-1.8	
KDC	1.88	171	eP	04 22.25	-2.2	
SVW	1.99	321	eP	04 24.92	-1.2	
MPA	2.04	62	eP	04 25.91	-0.8	
PTE	2.37	56	eP	04 29.78	-1.3	
PMS	2.38	45	eP	04 30.68	-0.7	
			eS	04 56.70		
PWA	2.58	36	eP	04 33.50	-0.5	
PLRM	2.77	42	eP	04 34.98	-1.7	
KNK	2.90	49	eP	04 36.65	-1.8	
MSE	3.01	40	eP	04 38.51	-1.5	
GLI	3.23	64	eP	04 40.57	-2.4	
HIN	3.37	73	eP	04 43.76	-1.2	
FID	3.47	68	eP	04 42.79	-3.5	
VZW	3.54	63	eP	04 45.19	-2.1	
VLZ	3.66	62	eP	04 46.75	-2.2	
KLU	3.99	58	eP	04 51.15	-2.4	
SGAM	4.02	74	eP	04 51.85	-2.1	
KMP	4.39	61	eP	04 56.42	-2.7	
BALM	5.50	70	eP	05 12.07	-2.6	

28 obs. associated

& APR 16, 1985 14h 32m 31.13s
61.446 N 149.826 W
DEPTH = 46.5km
SOUTHERN ALASKA (2)
<AGS-P>. ML 2.7 (PMR). Felt at Anchorage.

PWA	0.21	353	eP	32 38.10	-1.1	
PMS	0.24	148	eP	32 38.40	-1.1	
PLRM	0.36	66	eP	32 39.56	-1.1	
			eS	32 47.84		
PME	0.42	64	eP	32 40.50	-0.8	
MSE	0.57	46	iP	32 42.34	-0.9	
			iS	32 52.74		
KNK	0.66	92	eP	32 43.75	-0.6	
			iS	32 55.88		
PTE	0.70	146	iP	32 43.68	-1.1	
SML	0.80	62	iP	32 45.80	-0.5	
SLKM	0.96	192	eP	32 47.16	-1.3	
			eS	33 01.80		
NKA	0.98	225	eP	32 49.55	0.8	
MPA	0.99	166	eP	32 47.37	-1.4	
CGLM	1.06	263	iP	32 49.53	-0.4	
SPU	1.11	257	eP	32 49.63	-0.9	
			eS	33 05.96		
CRP	1.14	262	eP	32 50.72	-0.3	
			eS	33 08.05		
SCM	1.25	71	eP	32 52.27	-0.4	
SEW	1.36	172	eP	32 53.36	-0.6	
TTV	1.37	106	eP	32 54.80	0.7	
			eS	33 13.55		
GLI	1.44	112	eP	32 55.03	-0.2	
RDT	1.53	236	eP	32 55.70	-0.8	
			iS	33 17.26		
VZW	1 63	102	eP	32 58.02	0.1	
VLZ	1.72	99	eP	32 58.61	-0.4	
			eS	33 22.66		
BRLK	1.77	198	eP	32 58.60	-1.2	
FID	1.77	112	eP	32 58.91	-0.9	
TOA	1.86	68	eP	33 02.10	1.0	
KLU	1.88	87	eP	33 01.19	-0.2	
HIN	1.94	121	eP	33 02.39	0.2	
ILM	1.94	230	eP	33 01.87	-0.4	
KMP	2.30	86	eP	33 07.28	-0.2	
SGAM	2 44	111	eP	33 09.45	0.1	
PDB	2.72	234	eP	33 12.22	-1.2	
SVW	2 82	266	eP	33 13.60	-1.3	
TTA	3.26	300	eP	33 20.10	-1.0	
COL	3.59	14	eP	33 27.00	1.4	
FBA	3.59	14	eP	33 25.80	0.2	
BALM	3 64	93	eP	33 26.71	0.2	
IMA	4 95	341	eP	33 44.60	-0.3	

36 obs. associated

& APR 16, 1985 17h 03m 12.76s
61.173 N 151.492 W
DEPTH = 70.6km
SOUTHERN ALASKA (2)
<AGS-P>.

SPU	0.27	272	iP	03 23.59	-0.5	
			iS	03 32.13		
CGLM	0.28	299	iP	03 23.78	-0.4	
CRP	0.33	287	iP	03 24.33	-0.3	
NKA	0.45	164	iP	03 26.45	1.2	
RDT	0.75	217	eP	03 28.17	-0.4	
PWA	0.91	58	iP	03 30.06	-0.4	
SLKM	0.91	136	eP	03 29.47	-1.0	
PMS	0.94	85	eP	03 30.01	-0.8	
ILM	1.19	214	eP	03 33.86	-0.2	
PLRM	1.21	69	eP	03 33.22	-1.0	
			iS	03 49.72		
PTE	1.24	103	iP	03 33.67	-1.0	
			eS	03 50.21		
MPA	1.25	122	eP	03 33.88	-0.9	
PME	1.27	68	eP	03 34.12	-0.9	
			eS	03 51.27		
GHO	1.37	63	iP	03 35.56	-0.9	
			eS	03 53.14		
MSE	1.38	60	eP	03 35.64	-1.0	
			eS	03 53.76		
BRLK	1.45	168	eP	03 36.79	-0.7	
SEW	1.47	136	eP	03 35.87	-1.8	
KNK	1.49	79	iP	03 36.90	-1.1	
			eS	03 57.82		
SML	1.64	66	iP	03 38.78	-1.4	
PDB	1.93	225	iP	03 43.10	-0.9	
			iS	04 06.62		
SVW	2.00	270	eP	03 41.12	-4.0	
SCM	2.10	70	eP	03 44.80	-1.7	
TTV	2.13	91	eP	03 44.74	-2.0	
			eS	04 10.85		
GLI	2.16	96	iP	03 44.45	-2.8	
VZW	2.40	91	iP	03 48.06	-2.5	
FID	2.48	98	eP	03 47.95	-3.7	
VLZ	2.50	89	eP	03 49.47	-2.4	
HIN	2.57	105	eP	03 49.86	-3.1	
KLU	2.71	81	iP	03 52.42	-2.5	
TOA	2.71	67	eP	03 53.71	-1.2	
SGAM	3.15	100	eP	03 57.28	-3.7	
COL	4.10	23	eP	04 13.00	-1.4	
BALM	4.44	88	eP	04 15.65	-3.6	

33 obs. associated

APR 16, 1985 17h 07m 32.92± 0.70s
4.686 N ± 3.3km 127.270 E ± 4.8km
DEPTH = 117.6 ± 6.8 km
5.2mb (27 obs.)
TALAUD ISLANDS (263)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 13C
Centroid Location:
Origin Time 17:07:33.5 1.2
Lat 4.96N 0.11 Lon 127.36E 0.13
Dep 98.4 7.1 Half-duration 1.4
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.69 0.09 Mtt= 0.40 0.14
Mff=-1.09 0.21 Mrt=-0.34 0.06
Mrf= 0.01 0.11 Mtf=-0.01 0.09
Principal Axes:
T Val= 0.91 Plg=56 Azm=181
N 0.18 34 0
P -1.09 0 90
Best Double Couple:Mo=1.0*10**24
NP1:Strike=209 Dip=54 Slip= 133
NP2: 331 54 47

DAV	2.92	325	eP-	08 18.00	-0.8	
CGP	4.53	326	iPd	08 40.30	-0.3	
			iS	09 19.00		
PLP	6.82	341	iPd	09 11.60	-0.4	
			iS	09 36.40		
AAI	8.37	174	ePd	09 31.30	-1.6	
KKM	11.09	277	ePc	10 09.00	-0.4	
	1.0s	58.20nm			5.3mb	
MKS	12.55	218	ePd	10 29.00	0.5	
BAG	13.37	331	eP	10 40.00	0.6	
KUPT	15.18	194	eP	11 04.00	1.6	
JAY	15.21	118	ePd	11 04.00	1.2	
TRT	19.10	230	ePc	11 49.00	-0.2	

PJG	19.48	62	e(P)	11 55.40	2.2	
GUA	19.50	62	e(P)	11 53.50	0 1	
KNA	20.36	176	iPc	12 01.30	-0.9	
	0.5s	230.00nm			5.8mb	
HKC	21.62	325	e(P)	12 14.50	-0.3	
QZH	21.80	338	Pc	12 17.50	1.0	
QIZ	22.19	311	Pc	12 21.20	0.7	
GZH	22.71	325	Pc	12 25.40	0.0	
KGM	24.05	264	ePc	12 40.00	1.4	
	0.9s	126.40nm			5.4mb	
			e	13 03.10		
WB2	25.45	164	iPc	12 49.80	-1.8	
			eS	17 08.00		
KLM	25.61	267	eP	12 54.10	0.9	
IPM	26.16	271	ePc	12 58.10	-0.1	
			e	13 22.20		
MBL	26.70	196	eP	13 03.00	0.0	
SSE	26.89	348	eP	13 07.00	2.4	
			e(S)	18 13.00		
PPI	27.33	260	eP	13 09.50	0.7	
LOE	28.02	299	eP	13 13.00	-2.1	
PSI	28.35	267	ePc	13 17.80	-0.3	
	0.7s	14.00nm			4.7mb	
WHN	28.46	336	P	13 20.00	1.2	
NST	28.81	294	eP	13 36.40	14.2X	
ASPA	28.91	167	iPc	13 22.00	-1.0	
	0.5s	68.00nm			5.6mb	
GYA	29.27	320	P	13 26.40	0.0	
NAU	29.41	203	eP	13 28.00	0.6	
	0.4s	5.00nm			4.6mb	
BDT	30.37	296	eP	13 22.00	-13.9X	
CTA	30.89	143	iPc	13 40.80	0.3	
	0.5s	14.44nm			5.0mb	
CHTO	31.01	299	eP	13 43.80	2.2	
	0.8s	13.18nm			4.7mb	
			eS	18 52.00		
KMI	31.10	313	eP	13 42.50	-0.1	
BSI	31.84	273	eP	13 47.50	-1.3	
MEK	32.24	195	iPd	13 51.80	-0.4	
	0.5s	39.00nm			5.4mb	
TIA	32.73	345	eP	13 55.60	-0.8	
XAN	33.82	332	P	14 05.60	-0.3	
CD2	34.21	322	P	14 09.40	0.1	
DL2	34.45	352	eP	14 10.40	-0.7	
TIY	35.56	340	eP	14 21.00	0.3	
KLG	35.70	189	eP	14 21.00	-0.9	
	0.3s	6.00nm			4.9mb	
BJI	36.59	346	eP	14 29.50	0.3	
SNY	37.13	355	eP	14 33.30	-0.4	
KLB	37.20	193	eP	14 34.00	-0.4	
	0.5s	22.00nm			5.3mb	
MUN	37.95	195	iPc	14 40.80	0 1	
LZH	37.96	328	Pc	14 42.50	1 5	
	1.5s	92.00nm			5.4mb	
NWAO	38.60	194	eP	14 47 00	0 9	
	0.5s	18.00nm			5 1mb	
HHC	38.67	341	Pc	14 48.00	1 2	
BTO	38.98	339	eP	14 49 70	2 4	
CN2	38.99	358	P	14 48.00	-1 2	
RKG	39.75	193	iPd	15 01.20	5 6X	
SHL	39.76	305	iP	14 56.40	0 3	
			iS	20 50.40		
MDJ	39.82	3	eP	14 55.00	-1.1	
CMS	40.09	155	eP	14 58.00	-0.4	
ADE	40.89	166	iPc	15 05.60	0.6	
	0.8s	186.57nm			5.9mb	
GTA	42.57	328	P	15 20.00	1.2	
			PcP	17 10.40		
			ScP	20 50.40		
			S	21 34.10		
			ScS	25 08.90		
YOU	43.58	154	iPc	15 27.50	0.6	
			i	15 54.70		
BFD	44.02	162	eP	15 30.00	-0.4	
	0.7s	125.00nm			5 8mb	
CAN	44.73	155	iPc	15 36.80	0 6	
			i	16 00 10		
WAM	45.42	155	iPc	15 42.80	1 2	
PKI	45.87	304	eP	15 45 60	-0 1	
	0.7s	21.00nm			5 0mb	
KKN	46.06	305	eP	15 46.80	-0 3	
DMN	46.13	304	eP	15 47.50	-0.2	
	0.8s	54.00nm			5.4mb	
NOU	46.78	127	iPc	15 52.00	-0.5	
HYB	49.31	289	eP	16 12.00	-0.3	
KOD	49.65	279	eP	16 15.00	-0.2	
WMQ	52.26	324	P	16 34.50	0.2	

16d 17h

NDI 53.06 303 iPd 16 38.50 -1.8
POO 53.90 289 iPc 16 47.00 0.3
MSZ 61.14 148 P 17 36.90 -0.1
0.9s 104.00nm 5.8mb
e 18 04.10
e 18 13.20
TCW 62.64 142 P 17 46.00 -1.1
MHI 69.37 307 eP 18 31.00 0.8
SHI 74.44 299 eP 19 00.00 -0.5
IR2 76.21 305 eP 19 11.00 0.6
KER 79.25 304 eP 19 28.00 0.8
TAB 80.00 308 eP 19 32.00 0.9
IMA 81.30 24 eP 19 37.50 0.2
0.5s 4.10nm 4.5mb
PME 82.90 29 eP 19 44.10 -1.4
0.5s 4.10nm 4.6mb
COL 83.63 25 eP 19 49.00 -0.2
MAW 84.83 200 eP 19 56.00 0.9
SBA 85.20 172 eP 19 54.70 -2.1
INK 89.09 22 eP 20 15.00 -0.8
SOD 89.79 338 iP 20 17.90 -1.2
KJF 89.97 334 eP 20 16.00 -3.9X
0.6s 14.30nm 5.2mb
NAI 90.57 269 eP 20 43.50 19.5X
SUF 90.95 333 iP 20 22.90 -1.5
0.5s 6.60nm 5.1mb
NUR 92.13 331 iP 20 29.20 -0.7
0.5s 9.80nm 5.3mb
SPA 94.65 180 eP 20 42.90 1.3
0.8s 12.08nm 5.3mb
UPP 95.68 331 iP 20 44.60 -1.7
DAG 96.40 353 eP 20 47.00 -2.3
MTD 96.77 254 eP 21 11.00 18.9X
HFS 97.43 332 eP 20 52.90 -1.3
0.6s 8.20nm 5.4mb
WB2 98.17 334 P 20 56.20 -1.4
0.7s 3.20nm 5.0mb
BUL 99.71 250 iPd 21 05.50 0.0
1.0s 5.00nm 5.1mb
SCH 119.57 9 ePKP 26 10.00 -0.2
LIC 131.16 282 ePKP 26 33.50 -0.1
MDZ 148.16 154 ePKP 27 06.20 2.6
UPA 150.03 63 ePKPd 27 12.00 5.1X
0.9s 43.70nm
TCA 151.24 159 e(PKP) 27 14.30 5.9X
YJA 158.67 146 ePKPd 27 21.40 2.5
BAO 168.16 203 e(PKP) 27 28.30 0.9
S.D. = 1.1 on 95 of 103 obs.

* APR 16, 1985 17h 51m 29.22± 0.55s
19.086 N ± 6.7km 147.198 E ±14.9km
DEPTH = 33.0km (normal)
4.9mb (5 obs.)
MARIANA ISLANDS REGION (215)

PJG 5.91 203 eP 52 56.90 0.1
GUMO 5.91 203 eP 52 56.90 0.1
GUA 5.94 202 eP 52 57.40 0.2
0.3s 259.74nm 6.3mb X
eS 53 53.00
KYS 17.22 340 eP 55 30.50 1.7
OYM 17.73 338 eP 55 35.70 0.5
SRY 17.89 339 eP 55 37.30 0.2
TSK 18.17 341 eP 55 41.40 0.8
DDR 18.27 339 eP 55 35.70 -6.2X
MAT 19.10 337 iPc 55 49.70 -2.3
WB2 40.78 199 eP 58 58.80 -10.4X
e 59 39.00
IMA 60.35 24 eP 01 39.50 2.3
COL 62.33 26 eP 01 51.00 0.6
0.8s 9.70nm 5.0mb
FBA 62.33 26 eP 01 50.50 0.1
INK 68.47 23 iPc 02 29.20 -0.6
MBC 72.42 15 eP 02 52.50 -1.2
0.5s 5.00nm 4.8mb
YKA 76.98 28 eP 03 20.10 0.1
YKC 77.04 28 eP 03 20.00 -0.4
ALE 77.65 4 eP 03 21.00 -2.5
0.9s 10.00nm 4.8mb
NEW 79.67 43 eP 03 36.00 0.8
FFC 86.00 33 eP 04 07.00 -0.5
0.9s 8.00nm 4.9mb
HFS 92.55 339 eP 04 29.20 -9.1X
0.3s 0.90nm 4.7mb
S.D. = 1.3 on 18 of 21 obs.

% APR 16, 1985 18h 49m 42.88± 1.66s
38.994 N ±18.0km 29.948 E ±10.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ALT 0.14 64 iPg 49 45.90 -0.4
DST 1.19 301 iPn 50 03.40 -1.7
YLV 1.63 344 ePn 50 12.20 0.4
BNT 2.07 312 ePn 50 20.00 1.9
EDC 2.10 311 ePn 50 18.00 -0.5
IZM 2.18 255 ePn 50 20.10 0.3
S.D. = 1.5 on 6 of 6 obs.

APR 16, 1985 19h 00m 34.69± 0.85s
39.739 N ± 8.6km 20.551 E ± 5.2km
DEPTH = 10.0km (geophysicist)
4.0mb (4 obs.)
GREECE-ALBANIA BORDER REGION (392)
ML 3.9 (ATH).

KZN 1.09 58 iPnc 00 54.30 -1.0
iSb 01 12.50
OHR 1.38 8 iPn 01 01.60 1.5
LIT 1.53 76 ePbc 01 01.70 -0.5
eSb 01 24.30
VLS 1.56 179 ePb 01 04.00 1.5
eSb 01 28.00
GRG 1.87 49 ePn 01 07.60 0.6
THE 2.05 63 ePn 01 09.80 0.2
LCI 2.08 287 ePn 01 11.00 1.0
eSn 11 44.00
VAY 2.21 44 iPn 01 11.70 -0.2
KNT 2.29 51 ePnc 01 13.00 -0.1
eSn 01 41.90
SKO 2.33 17 iPn 01 16.00 2.3
i 01 17.20
iSn 01 43.50
i 01 45.50
SOH 2.40 62 ePnd 01 14.90 0.2
eSn 01 46.00
ULC 2.43 336 ePn 01 17.00 1.9
SRS 2.70 58 ePnd 01 18.00 -0.9
eSn 01 52.20
BRT 2.80 295 ePn 01 30.00 9.7X
e(Sn) 02 17.00
BDV 2.86 333 ePn 01 22.00 0.9
TTG 2.86 340 ePn 01 22.50 1.4
e(Sn) 02 00.00
PVY 2.89 352 ePn 01 24.40 2.8X
ATH 3.04 125 ePb 01 27.00 3.4X
eSn 02 02.00
MMB 3.04 52 eP 01 23.00 -0.8
iS 01 59.00
HCY 3.12 331 ePn 01 25.00 0.2
IVA 3.17 351 ePn 01 28.40 2.8X
ORI 3.17 277 ePn 01 32.00 6.5X
e(Sn) 02 11.00
VTS 3.49 34 iPc 01 31.00 1.0
eSg 02 12.00
BRY 3.50 335 ePn 01 31.20 0.8
PLE 3.69 347 ePn 01 35.00 1.9
PLD 3.93 52 eP 01 48.00 11.6X
KDZ 4.11 61 iPd 01 48.00 9.1X
eS 02 36.00
DIM 4.46 57 eP 01 50.00 6.2X
PVL 4.86 44 eP 01 50.00 0.4
DUI 5.01 294 e(Pn) 02 01.50 9.8X
e(Sn) 03 42.00
CLO 5.59 17 eP 02 00.00 0.2
MLR 6.99 33 eP 02 23.00 3.3X
CEY 7.50 325 ePn 02 25.70 -1.0
i 02 33.50
eSn 03 51.20
VRI 7.62 35 ePc 02 24.00 -4.4X
LJU 7.69 327 e(Pn) 02 28.40 -1.0
e(Sn) 03 51.30
VOY 7.96 324 ePn 02 31.80 -1.5
eSn 03 59.60
i 04 02.30
KBA 9.01 327 ePn 02 46.50 -1.4
iSn 04 24.20
CTI 9.07 317 ePn 02 47.00 -1.7
eSn 04 28.00
KHC 10.63 334 eP 03 17.20 7.2X
e 03 29.10
UPP 20.22 356 iP 05 09.20 -3.1X
i 05 18.30
HFS 20.87 350 eP 05 15.90 -3.1X
0.6s 3.50nm 3.9mb
NUR 20.95 6 eP 05 15.00 -4.8X
Z 16s 0.20um 3.6MszX
LR 44 00.00
NB2 22.10 348 P 05 29.00 -2.5
0.5s 1.20nm 3.6mb
SUF 23.26 7 iP 05 41.50 -1.3
0.5s 2.50nm 4.0mb
KJF 24.86 7 iP 05 56.00 -2.3
0.6s 13.00nm 4.8mb
S.D. = 1.3 on 30 of 45 obs.

APR 16, 1985 19h 14m 34.20± 0.76s
35.635 N ± 8.2km 87.183 E ± 8.7km
DEPTH = 33.0km (normal)
3.3mb (1 obs.)
TIBET (306)

LSA 6.80 149 P 16 16.50 1.9
KKN 7.99 192 eP 16 30.20 -0.9
0.8s 42.00nm 5.6mb X
PKI 8.18 191 eP 16 33.20 -0.7
0.7s 29.00nm 5.5mb X
WMQ 8.19 3 eP 16 33.60 -0.1
DMN 8.19 193 eP 16 33.00 -1.0
0.8s 38.00nm 5.6mb X
KSH 9.68 297 eP 16 55.00 0.7
GTA 10.72 66 eP 17 06.80 -1.8
Lg 19 51.40
SHL 10.82 157 eP 17 06.40 -3.6X
CD2 14.64 104 eP 18 01.40 0.6
KMI 17.01 124 eP 18 30.50 -0.8
XAN 17.92 89 eP 18 40.20 -2.3
GYA 19.01 113 eP 18 55.00 -0.9
HYB 19.70 205 eP 19 03.50 -0.3
CHTO 19.72 145 e(P) 19 06.00 2.0
0.7s 1.27nm 3.3mb
TIY 20.35 77 eP 19 11.90 1.4
WHN 23.29 95 eP 19 42.00 2.2
S.D. = 1.5 on 15 of 16 obs.

? APR 16, 1985 19h 45m 08.25± 3.04s
35.648 S ±20.5km 71.123 W ±25.7km
DEPTH = 33.0km (normal)
CENTRAL CHILE (136)

LNV 1.71 352 eP 45 36.00 -0.1
TACH 2.00 4 eP 45 40.50 0.2
iS 45 58.40
FCH 2.41 17 iPc 45 47.00 0.4
iS 46 15.20
PEL 2.52 8 iP 45 47.90 0.0
iS 46 14.90
JACH 2.99 9 iPc 45 53.60 -1.0
MDZ 3.34 35 eP 46 01.30 1.8
eS 46 28.30
TCA 6.94 54 ePc 46 48.80 -1.6
VBA 7.72 111 ePc 47 01.40 0.2
S.D. = 1.2 on 8 of 8 obs.

* APR 16, 1985 19h 49m 17.97± 1.51s
0.247 S ±13.6km 123.987 E ±12.9km
DEPTH = 115.9 ± 17.1 km
4.1mb (2 obs.)
MINAHASSA PENINSULA (265)

AAI 5.42 129 ePd 50 36.60 -1.1
MKS 6.69 222 iPc 50 55.00 -0.2
KKM 9.96 309 ePd 51 41.00 1.4
WRA 22.05 153 Pd 54 05.30 1.0
0.7s 4.00nm 3.9mb
WB2 22.05 153 eP 54 04.30 0.0
PPI 23.59 269 eP 54 18.70 -0.6
NAU 23.65 200 eP 54 20.00 0.2
ASPA 25.19 158 eP 54 36.00 1.6
MEK 26.73 191 iPd 54 47.60 -0.9
PKI 46.21 310 eP 57 32.20 -1.5
0.5s 3.00nm 4.3mb
S.D. = 1.3 on 10 of 10 obs.

APR 16, 1985 20h 22m 45.64± 0.42s
42.265 N ±10.2km 82.248 E ± 6.1km
DEPTH = 33.0km (normal)
4.5mb (8 obs.)
NORTHERN XINJIANG, CHINA (332)

WMQ 4.28 67 ePn 23 51.60 1.3

		Sg	24 58.40			
KSH	5.52	242 ePn	24 08.00	0.2		
GTA	13.60	96 eP	25 54.00	-4.7X		
		Lg	29 48.00			
NDI	14.15	198 eP	25 58.00	-7.8X		
		eS	28 26.00			
QUE	17.22	231 eP	27 16.00	30.6X		
CD2	20.60	116 eP	27 24.80	0.3		
CD2	20.60	116 eP	27 26.90	2.4		
HHC	21.94	84 eP	27 37.00	-1.1		
XAN	22.46	103 eP	27 41.00	-2.2		
TIY	23.51	91 eP	27 53.20	-0.2		
GYA	25.46	120 eP	28 13.40	1.0		
KJF	37.72	324 eP	30 02.00	2.5		
SUF	38.23	322 iP	30 04.00	0.2		
	0.4s	2.10nm		4.3mb		
NUR	38.82	318 eP	30 08.00	-0.7		
UPP	42.35	317 iP	30 37.90	0.1		
HFS	44.28	318 eP	30 53.40	-0.1		
	0.6s	2.30nm		4.2mb		
NB2	45.35	320 P	31 02.00	-0.1		
	0.6s	1.80nm		4.2mb		
CLL	46.63	306 eP	31 12.00	-0.2		
GRF	48.22	305 eP	31 27.00	2.2		
	0.9s	9.00nm		4.8mb		
BSF	51.63	304 eP	31 51.00	0.0		
SMF	53.95	303 eP	32 07.70	-0.5		
	0.6s	3.30nm		4.5mb		
AVF	54.19	304 eP	32 09.50	-0.4		
	0.6s	3.30nm		4.5mb		
MZF	54.92	303 eP	32 15.10	-0.3		
TCF	55.12	304 eP	32 16.50	-0.3		
	0.6s	3.30nm		4.5mb		
GRR	56.02	307 eP	32 22.40	-0.8		
MBC	60.96	6 eP	32 57.00	-0.3		
	0.5s	5.00nm		4.9mb		
INK	66.56	14 eP	33 33.00	-1.0		
YKA	74.71	8 eP	34 23.30	0.0		
YKC	74.74	8 eP	34 23.00	-0.5		
WB2	78.36	131 eP	34 42.80	-1.5		
LIC	83.84	273 eP	35 13.00	-0.4		
S.D. = 1.1 on 28 of 31 obs.						
? APR 16, 1985 20h 32m 23.03± 1.79s						
28.193 N ±23.1km 129.822 E ±20.3km						
DEPTH = 33.0km (normal)						
4.2mb (2 obs.)						
RYUKYU ISLANDS (238)						
Felt (II JMA) at Naze.						
NZJ	0.34	303 iPd	32 31.80	0.5		
		iS	32 36.30			
SSE	8.05	293 eP	34 21.00	0.4		
CN2	15.97	348 eP	36 13.00	6.3X		
TIY	17.39	308 eP	36 30.70	6.0X		
XAN	18.81	293 eP	36 41.10	-1.2		
GYA	20.64	271 eP	37 03.00	0.4		
KMI	24.38	269 eP	37 40.00	0.3		
PKI	39.10	280 eP	39 49.00	-0.4		
KKN	39.17	280 eP	39 49.70	-0.2		
	0.9s	13.00nm		4.7mb		
DMN	39.35	280 eP	39 51.40	-0.1		
NB2	78.18	334 P	44 20.60	0.2		
	0.5s	0.40nm		3.7mb		
S.D = 0.6 on 9 of 11 obs.						
• APR 16, 1985 21h 30m 02.86± 1.54s						
33.181 S ±11.5km 72.414 W ±13.4km						
DEPTH = 33.0km (normal)						
4.6mb (1 obs.)						
OFF COAST OF CENTRAL CHILE (134)						
LNV	1.14	133 iPd	30 23.10	0.6		
		i(S)	30 33.80			
TACH	1.32	111 iPd	30 24.80	-0.4		
PEL	1.45	89 iP+	30 25.80	-1.3		
JACH	1.61	72 iPd	30 26.50	-2.9		
FCH	1.78	95 iP	30 31.30	-0.9		
MDZ	3.01	85 eP	30 51.50	2.1		
		eS	31 31.60			
RTCB	3.49	62 e(P)	30 57.00	0.7		
		S	31 41.00			
RTCV	3.53	69 ePc	30 56.30	-0.5		
ZON	3.56	64 eP	30 59.00	1.9		
RFA	3.64	117 ePd	30 58.80	0.4		
		S	31 56.60			
RTLL	3.82	62 ePd	31 00.80	0.0		
CFA	3.86	67 ePd	31 01.90	0.4		
		S	31 57.10			
TCA	6.88	77 e(P)	31 39.60	-4.4X		
		S	33 00.00			
CYA	7.39	52 e(P)	30 57.00	-54.3X		
		S	32 29.00			
ANT	9.60	11 e(P)	32 27.00	5.2X		
SLA	10.37	37 eP	32 22.00	-10.6X		
ARE	16.67	3 eP	33 56.00	0.1		
LPB	17.03	14 P	34 07.00	6.5X		
		(S)	35 47.00			
ALQ	74.91	332 eP	41 42.00	-0.4		
	1.1s	6.96nm		4.6mb		
S.D. = 1.4 on 14 of 19 obs.						
APR 16, 1985 22h 05m 48.96± 0.55s						
31.361 S ± 7.8km 179.529 E ± 5.1km						
DEPTH = 440.4 ± 6.3 km						
5.1mb (17 obs.)						
KERMADEC ISLANDS REGION (177)						
RAD	3.05	47 P	05 57.00	-59.2X		
		S	06 40.00			
CRZ	6.52	240 Pc	07 35.00	5.7X		
KRP	7.33	206 P	07 41.20	3.2X		
		S	09 11.00			
GNZ	7.37	189 P	07 38.00	-0.5		
		S	08 00.00			
MNG	9.80	198 iP	08 02.50	-3.1X		
		S	09 45.70			
WEL	10.62	200 P	08 12.00	-2.7		
		S	11 05.00			
TCW	10.70	202 eP	08 12.00	-3.6X		
		eS	10 06.50			
CIZ	12.94	167 P	08 42.50	2.6		
VUN	13.33	356 eP	08 44.00	-0.2		
NOU	14.74	305 iPc	09 01.00	2.1		
		iS	11 43.00			
MSZ	16.11	211 P	09 16.80	3.9X		
		S	11 50.00			
COO	23.69	265 iPc	10 28.70	3.0X		
CAN	25.76	253 eP	10 46.10	1.8		
		e	11 17.70			
WAM	25.87	251 iPc	10 47.70	2.5		
		iScP	16 54.60			
YOU	26.29	255 eP	10 51.10	2.1		
		e	11 16.90			
		eScP	16 55.80			
RMQ	27.32	272 iPd	11 00.30	2.2		
		e	12 21.00			
		e	17 01.00			
TAU	27.98	237 iPd	11 06.00	2.3		
TBI	28.61	81 iP	11 09.40	0.0		
	0.8s	120.00nm		5.4mb		
VSG	28.69	316 e(P)	11 10.00	-0.2		
CMS	28.70	261 eP	11 11.00	0.9		
AFR	31.02	71 iP	11 30.10	-0.3		
	0.8s	90.00nm		5.2mb		
PAE	31.12	71 iP	11 31.00	-0.2		
	0.8s	75.00nm		5.2mb		
PPT	31.17	71 iP	11 31.80	0.1		
	0.8s	70.00nm		5.1mb		
PPN	31.31	71 iP	11 33.00	0.2		
	0.8s	65.00nm		5.1mb		
TVO	31.32	72 iP	11 33.70	0.7		
	0.8s	55.00nm		5.0mb		
CTA	31.89	283 iPc	11 38.60	0.8		
	1.2s	159.38nm		5.3mb		
PMO	33.92	69 iP	11 55.50	0.6		
	0.8s	40.00nm		4.9mb		
VAH	34.00	69 iP	11 55.90	0.4		
	0.8s	75.00nm		5.2mb		
TPT	34.15	69 iP	11 57.40	0.6		
	0.8s	60.00nm		5.1mb		
RUV	34.22	70 iP	11 57.80	0.4		
	0.8s	45.00nm		4.9mb		
MDG	40.94	302 eP	12 54.00	1.2		
ASPA	40.95	269 iPc	12 43.00	-10.0X		
	0.5s	59.00nm		5.3mb		
		eS	18 28.00			
WB2	42.02	275 iPc	13 01.10	-0.4		
		eS	18 44.70			
WRA	42.03	275 Pd	13 01.60	0.0		
	0.4s	42.90nm		5.2mb		
SBA	46.93	184 e(P)	13 29.00	-10.2X		
KNA	48.64	276 eP	13 53.00	0.1		
KLG	49.22	255 eP	13 57.00	-0.3		
	0.4s	14.00nm		4.7mb		
KLB	52.03	253 eP	14 17.00	-0.9		
MEK	52.97	259 eP	14 23.00	-1.9		
MEK	52.97	259 eP	14 32.50	7.6X		
MUN	53.18	252 eP	14 25.00	-1.2		
GUA	55.65	318 eP	14 42.50	-1.4		
PJG	55.72	318 eP	14 43.20	-1.1		
NAU	57.06	262 iPd	14 52.80	-0.9		
SPA	58.81	180 iP	15 05.60	0.3		
	1.0s	13.00nm		4.3mb		
		e	16 38.00			
TRT	66.32	275 ePd	15 46.60	-7.8X		
MAT	77.85	327 iPd	16 58.60	-2.2		
	0.9s	26.89nm		4.9mb		
SSE	83.16	313 P	17 27.60	-0.7		
PSI	83.38	277 ePd	17 28.70	-1.1		
	1.1s	25.00nm		4.9mb		
NJ2	85.28	312 eP	17 38.60	-0.2		
SYP	86.81	46 eP	17 57.00	10.7X		
PRS	87.18	44 eP	17 48.80	0.9		
WHN	87.25	308 eP	17 48.00	-0.3		
PRI	87.47	44 eP	17 50.50	1.1		
PAS	87.68	47 eP	17 51.00	0.7		
MHC	87.70	43 eP	17 51.30	0.8		
MWC	87.80	47 eP	17 52.00	0.9		
PLM	88.00	49 eP	17 53.00	0.9		
RVR	88.09	48 eP	17 53.00	0.8		
MDJ	88.24	327 eP	17 52.00	-0.7		
SBB	88.25	47 eP	17 53.00	-0.1		
ISA	88.48	46 eP	17 55.00	0.9		
FRI	88.61	44 eP	17 55.20	0.7		
JAS1	88.81	43 eP	17 56.00	0.5		
TPC	89.00	48 eP	17 58.00	1.5		
TIA	89.09	314 P	17 57.40	0.6		
CLC	89.12	46 eP	17 57.00	-0.1		
GLA	89.13	50 eP	17 58.00	0.9		
GSC	89.29	47 eP	17 58.00	0.2		
ORV	89.29	41 e(P)	17 57.50	-0.1		
WDC	89.41	40 eP	17 58.60	0.5		
CN2	89.65	324 Pd	17 58.40	-0.8		
GYA	90.20	301 P	18 03.00	0.7		
MNA	90.48	44 eP	18 03.70	0.3		
BJI	92.14	317 eP	18 12.50	1.8		
		eS	28 39.00			
TIY	92.95	313 eP	18 16.00	1.4		
XAN	93.02	308 eP	18 15.80	0.6		
INK	105.28	16 ePKP	23 19.00	-1.6X		
GBA	107.17	276 PKPd	23 23.70	-2.1		
	0.9s	5.60nm				
YKA	107.23	26 ePKP	23 24.50	0.6		
MBC	113.82	13 ePKP	23 35.00	-1.1		
BUL	121.68	212 iPKPc	23 52.30	-1.2		
	0.7s	7.19nm				
MTD	123.09	217 iPKPc	23 55.00	-1.2		
ALE	124.50	8 ePKPc	23 55.10	-2.0		
	0.9s	10.00nm				
FRB	127.29	31 ePKP	24 01.00	-1.8		
SCH	128.41	43 ePKP	24 03.00	-2.3		
MHI	130.63	293 ePKP	24 10.00	-0.2		
DAG	133.71	6 ePKP	24 03.00	-11.7X		
		i	24 12.00			
IR2	137.35	290 (PKP)	24 19.00	-4.0X		
KEV	138.56	346 ePKP	24 23.00	-1.0		
SOD	140.55	344 ePKP	24 20.00	-7.6X		
KJF	142.71	340 iPKP	24 27.00	-4.5X		
	0.9s	60.80nm				
		i	24 55.00			
AKU	143.99	12 iPKP	24 33.00	-0.6		
	1.0s	72.00nm				
SUF	144.29	339 iPKP	24 31.60	-2.6X		
	0.5s	137.60nm				
REY	144.55	16 iPKP	24 34.00	-0.6		
NUR	146.44	338 iPKP	24 37.00	-0.8		
	0.8s	167.20nm				
	Z 22s	0.20um		4.9Msz		
BNG	147.80	218 iPKPd	24 43.90	2.4		
	1.1s	73.80nm				
		i	25 16.40			
		i	26 52.90			
NB2	149.33	349 PKP	24 40.40	-2.0		
	1.0s	73.70nm				
HRI	149.43	283 ePKP	24 49.00	5.5X		
BHL	149.57	285 PKPd	24 48.50	4.8X		
JER	149.69	280 ePKP	24 48.20	4.3X		
HFS	149.71	346 ePKP	24 41.10	-1.8		
	0.6s	6.70nm				
RMN	149.95	278 ePKP	24 50.00	5.7X		

16d 22h

BER	150.71	354	ePKP	24	50.40	6.0X
KONO	150.91	349	iPKP	24	50.50	5.7X
MUD	154.02	348	iPKPd	25	13.20	24.0X
	0.8s	19.00nm				
COP	154.04	343	iPKPc	25	12.80	23.6X
	0.8s	65.67nm				
LIC	154.63	169	ePKP	24	51.30	0.0
KSP	156.90	332	ePKP	25	03.50	10.3X
	1.0s	49.00nm				
			ic	25	25.50	
CLL	157.72	337	PKP	24	52.00	-2.2
WIT	157.94	348	ePKP	25	31.00	36.7X
PRU	158.26	333	ePKP	25	31.50	36.7X
			e	25	42.00	
ZST	158.52	327	iPKPc	24	54.50	-0.7
			i	25	32.50	
WTS	158.70	348	ePKP	25	23.00	27.8X
	0.8s	4.00nm				
			e	25	33.00	
MOX	158.74	338	iPKP	25	33.50	38.1X
	1.4s	57.00nm				
KHC	159.32	333	iPKPc	25	36.80	40.7X
	1.0s	35.50nm				
KHC	159.32	333	PKP	24	47.50	-8.6X
			e	24	56.40	
GRF	159.69	338	iPKPc	25	38.60	42.2X
ENN	160.04	348	ePKPc	25	39.50	42.8X
	0.9s	68.00nm				
FUR	160.98	335	iPKPc	25	44.20	46.4X
	1.0s	63.00nm				
KBA	161.05	330	iPKP	25	41.00	42.9X
	1.3s	12.50nm				
SLE	162.24	340	ePKP	25	49.00	49.9X
SAX	162.43	337	ePKP	25	50.50	50.9X
ZUL	162.53	340	ePKP	25	50.30	50.9X
OSS	162 64	335	ePKP	25	51.30	51.6X
VDL	163 05	336	ePKP	25	53.60	53.4X
MMK	163.94	338	ePKP	25	57.10	56.0X
DIX	164.08	340	ePKP	25	57.90	56.6X
EMS	164.23	341	ePKP	25	58 20	56.9X

S.D. = 1.2 on 84 of 129 obs.

APR 16, 1985 22h 38m 44.59± 0.66s
3.367 S ± 3.2km 143.438 E ± 3.6km
DEPTH = 24.9 ± 4.8 km
5.6mb (15 obs.) 5.0Msz (2 obs.)
NEAR N COAST OF PAPUA NEW GUINEA(200)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 21C
Centroid Location:
Origin Time 22:38:50.0 0.8
Lat 3.27S 0.09 Lon 144.05E 0.11
Dep 18.3 5.6 Half-duration 1.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.07 0.07 Mtt=-0.92 0.10
Mff=-0.15 0.12 Mrt= 0.03 0.20
Mrf=-0 92 0.35 Mtf= 0.67 0.07
Principal Axes:

	Val=	Plg=	Azm=
T	1 60	59	104
N	-0.18	27	313
P	-1.41	13	216

Best Double Couple:Mo=1.5*10**24
NP1:Strike=275 Dip=40 Slip= 44
NP2: 148 63 121

WEW	0.26	135	eP	38	50 00	-1 1
JAY	2.86	287	ePd	39	28.70	-0.9
	0 7s	69.00nm				
MDG	2 99	129	eP	39	33.00	1.6
MOM	4 17	72	eP	39	46.00	-2 3
LAT	4 82	133	eP	40	02.00	4.5x
PMG	7 05	149	eP	40	28.50	-0.3
LMG	7.23	140	eP	40	31.00	-0.5
AAI	15.22	268	eP	42	32.50	12.9X
	0.4s	30.10nm				
GUA	16.86	5	eP	42	44.50	3.8X
GUMO	16.90	5	eP	42	43.80	2.6
PJG	16.90	5	eP	42	43.80	2.6
SVO	17.26	110	eP	42	47.00	1 3
HNR	17.47	111	eP	42	47.00	-1.3
W82	18.71	208	iPc	43	03.20	-0.4
			eS	46	35.30	
WRA	18.71	208	Pd	43	03.70	0.0
	0.6s	21.90nm			4.5mb	X
KNA	18.97	229	eP	43	06.00	-0.8
DAV	20.63	300	eP	43	24.00	-1.0

KUPT	20.80	250	eP	43	27.50	0.7
			eS	47	29.50	
ASPA	22.19	204	eP	43	39.00	-1.7
			eS	47	41.00	
PLP	23.36	308	ePc	43	50.70	-1.5
RMO	23.55	168	iPd	43	56.60	2.6
MKS	23.97	265	e(P)	44	00.00	1.8
CMS	28.06	176	eP	44	36.00	-0.2
COO	28.22	164	iPd	44	37.80	0.1
OCP	28.48	309	eP	44	27.60	-12.5X
MBL	28.98	230	eP	44	45.00	0.4
BAG	29.94	312	eP	44	51.00	-2.5
YOU	31.10	172	eP	45	03.40	0.1
CAN	32.21	171	eP	45	12.30	-0.8
WAM	33.05	172	eP	45	21.10	0.8
NAU	33.11	232	eP	45	20.00	-1.0
MEK	33.21	223	eP	45	21.00	-0.8
BFO	33.66	181	eP	45	25.00	-0.5
KLB	37.04	218	eP	45	54.00	-0.5
MUN	38.27	219	eP	46	06.00	1.2
NWAO	38.29	217	eP	46	06.00	1.1
	0.8s	22.00nm			5.0mb	
HKC	38.33	313	eP	46	06.00	0.7
SHK	39.03	346	eP	46	10.30	-0.8
GZH	39.41	313	eP	46	15.00	0.6
TAU	39.52	176	iPd	46	16.40	1.3
QIZ	39.85	305	eP	46	18.40	0.3
MAT	40.00	353	eP	46	17.00	-2.1
	1.2s	21.88nm			4.8mb	
Z	20s	0.71um			4.5Msz	
			eS	52	24.00	
SSE	40.30	330	P+	46	21.40	-0.2
	1.0s	58.00nm			5.3mb	
			eS	52	28.00	
			e	52	50.00	
KGM	40.46	277	ePd	46	23.50	0.3
NJ2	42.26	328	Pc	46	38.00	0.3
			S	52	58.50	
IPM	43.10	280	ePd	46	44.90	0.0
PPI	43.11	273	eP	46	44.50	-0.4
	0.7s	92.20nm			5.6mb	
WHN	43.69	323	Pd	46	51.50	2.2
PSI	44.90	277	eP	46	54.00	-5.4X
KRP	45.21	144	P	47	03.00	1.4
GYA	46.29	312	Pc	47	12.00	1.6
			S	54	02.00	
TIA	46.42	330	eP	47	10.60	-0.5
			ePP	48	57.00	
			S	54	00.00	
			SS	57	14.00	
MSZ	46.44	156	eP	47	11.30	0.2
TCW	46.77	148	P	47	13.30	-0.5
MNG	47.00	146	P	47	13.50	-2.2
WEL	47.08	148	P	47	04.00	-12.3X
SNY	48.47	340	iPc	47	26.00	-1.1
			ePP	49	14.00	
			S	54	28.00	
KMI	48.59	308	Pc	47	30.00	1.4
CHTO	49.02	298	iPc	47	32.00	0.3
	1.0s	14.50nm			5.0mb	
MDJ	49.35	347	eP	47	32.50	-1.4
XAN	49.42	322	Pc	47	33.60	-1.0
			S	54	42.00	
CN2	49.66	343	Pd	47	36.20	-0.1
			PcP	48	56.80	
			eS	54	39.00	
BJI	49.92	333	eP	47	38.50	0.2
TIY	49.98	328	eP	47	38.90	0.0
CD2	50.91	315	eP	47	46.20	0.1
			eS	55	01.00	
HHC	52.76	330	P	48	00.50	0.5
BTO	53.37	328	iPc	48	04.60	0.2
			eS	55	37.50	
LZH	53.92	320	eP	48	07.00	-1.6
	2.0s	226.00nm			5.8mb	
SHL	57.62	303	eP	48	35.20	-0.3
GTA	58.47	321	Pc	48	41.50	0.3
			PcP	49	32.90	
PKI	63.74	303	eP	49	16.70	-0.7
	1.2s	86.00nm			5.8mb	
KKN	63.92	303	eP	49	18.10	-0.3
DMN	64.01	303	eP	49	18.90	-0.1
KOD	67.06	283	eP	49	39.00	0.2
HYB	67.22	290	eP	49	38.60	-0.9
	1.0s	55.00nm			5.6mb	
GBA	67.60	286	P	49	40.80	-1.0
WMO	68.50	320	P	49	46.60	-0.5

PMO	68.53	105	iP	49	48.20	0.5
	1.0s	70.00nm				5.7mb
VAH	68.80	105	iP	49	49.60	0.3
	1.0s	35.00nm				5.4mb
TPT	68.80	105	iP	49	49.80	0.5
	1.0s	50.00nm				5.6mb
RUV	69.03	105	iP	49	51.20	0.4
	1.0s	35.00nm				5.4mb
NDI	70.98	302	eP	50	02.00	-0.5
POO	71.83	291	iPc	50	09.50	1.7
	1.2s	171.88nm				6.0mb
KSH	74.97	312	eP	50	28.00	2.1
SBA	75.45	175	eP	50	22.10	-5.7X
TTA	80.05	24	eP	50	54.20	0.7
IMA	82.39	21	eP	51	06.10	0.3
MAW	83.30	202	eP	51	10.00	-0.3
COL	84.18	24	eP	51	14.00	-0.8
	1.0s	57.00nm				5.8mb
FBA	84.18	24	eP	51	14.10	-0.7
PNL	86.43	30	eP	51	24.50	-1.6
SPA	86.66	180	eP	51	27.60	0.3
	1.0s	45.00nm				5.7mb
Z	19s	1.69um				5.5Msz
MHI	87.09	306	eP	51	29.00	-1.0
INK	90.53	22	eP	51	45.00	-0.4
IR2	94.01	305	eP	52	02.00	-0.3
MBC	94.97	14	eP	52	05.00	-0.7
YKA	98.49	27	eP	52	22.20	0.3
YKC	98.56	27	eP	52	23.00	0.8
FRB	115.39	15	ePKP	57	24.00	-1.5
PRU	116.69	326	ePKP	57	28.50	0.1
CLL	116.86	328	iPKPd	57	28.90	0.2
	1.2s	15.00nm				
KHC	117.66	325	PKP	57	30.50	0.1
MOX	117.96	328	ePKP	57	31.00	0.2
WET	118.05	326	iPKPc	57	32.10	1.0
KBA	118.82	323	iPKP	57	32.00	-0.8
	1.0s	5.60nm				
FUR	119.47	325	iPKPc	57	34.70	0.9
MEM	120.89	330	PKP	57	37.00	0.7
GWF	121.04	328	ePKP	57	36.60	-0.2
WLF	121.40	329	PKP	57	38.60	1.3
CDF	121.55	327	ePKP	57	37.50	-0.3
EKA	121.61	338	PKPc	57	38.10	0.5
	0.8s	5.80nm				
DOU	121.92	330	PKP	57	39.10	0.8
BSF	122.15	327	ePKP	57	38.70	-0.3
	1.0s	33.30nm				
HAU	122.29	327	ePKP	57	39.00	-0.2
SCH	123.15	20	ePKP	57	40.00	-0.6
CVF	123.84	321	iPKPc	57	42.10	-0.3
	0.9s	37.00nm				
LOR	124.08	328	iPKPc	57	42.70	0.0
	1.3s	18.00nm				
LBF	124.19	327	ePKP	57	42.90	0.0
	0.9s	6.00nm				
SSF	124.39	328	iPKPc	57	43.40	0.1
	1.2s	19.00nm				
SMF	124.47	327	iPKPc	57	43.40	-0.1
	1.0s	14.80nm				
GRC	124.48	328	iPKPd	57	44.10	0.7
AVF	124.65	328	ePKP	57	43.60	-0.1
FRF	124.68	323	ePKP	57	43.90	0.0
	1.0s	23.40nm				
LMR	124.89	323	iPKPc	57	44.40	0.1
LRG	124.91	323	ePKP	57	44.50	0.2
	1.0s	30.80nm				
BNG	125.02	273	iPKPd	57	45.40	-0.1
	1.0s	19.80nm				
BGF	125.06	328	ePKP	57	44.80	0.2
	1.0s	12.30nm				
LDF	125.23	331	ePKP	57	44.80	0.0
FLN	125.28	331	ePKP	57	44.90	0.0
	1.0s	9.60nm				
MZF	125.42	327	ePKP	57	45.50	0.2
TCF	125.58	328	iPKPc	57	45.80	0.2
	1.1s	18.90nm				
GRR	125.72	331	ePKP	57	45.80	0.0
	1.0s	13.00nm				
LSF	125.96	328	ePKP	57	46.30	-0.1
LPF	126.06	331	iPKPc	57	46.50	0.0
	1.0s	22.20nm				
CAF	126.52	327	ePKP	57	48.00	0.5
RJF	126.58	327	ePKP	57	47.90	0.3
MFF	126.60	329	ePKP	57	47.60	0.1
	1.1s	11.70nm				
LPO	127.16	327	ePKP	57	49.30	0.6

16d 22h

1.0s 16.00nm

EPF	128.69	326	ePKP	57	52.10	0.4
LPB	143.09	123	ePKP	58	16.00	-3.7X
CCH	144.26	126	ePKP	58	20.00	-1.5
SDV	145.70	79	ePKP	58	24.10	0.2
TOV	146.40	77	ePKP	58	24.80	-0.1
SJG	147.53	61	iPKPc	58	25.80	-0.7
LIC	148.45	276	iPKP	58	31.80	3.7X
GUV	153.23	79	iPKPd	58	39.80	4.6X

S.D. = 1.0 on 136 of 146 obs.

APR 17, 1985 00h 27m 37.68± 0.23s
40.121 N ± 3.8km 142.474 E ± 4.0km
DEPTH = 47.4km (14 depth phases)
5.1mb (47 obs.) 4.3Msz (1 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (III JMA) at Morioka and Miyako, (II JMA) at Hachinohe, (I JMA) at Aomori.

MIY	0.61	219	iPd	27	50.10	-0.2
			iS	27	58.70	
HAC	0.83	299	iPd	27	52.80	-0.3
			S	28	03.40	
MRK	1.09	248	iPd	27	57.80	1.0
			iS	28	11.00	
OFU	1.21	209	P	27	59.60	1.2
			iS	28	14.20	
AOM	1.47	299	iPd	28	02.90	0.9
			S	28	21.00	
AKI	1.87	258	eP	28	09.00	1.3
			iS	28	34.70	
ISN	1.92	209	eP	28	10.00	1.5
			S	28	34.60	
URA	2.05	6	eP	28	12.00	1.7
			eS	28	39.00	
HAK	2.13	323	eP	28	12.00	0.5
			S	28	37.00	
SEN	2.23	214	eP	28	17.00	4.2X
			S	28	42.30	
YAM	2.49	222	eP	28	19.00	2.4
			eS	28	49.00	
OBI	2.85	11	eP	28	25.00	3.2X
			eS	29	02.00	
SAP	3.06	344	eP	28	26.00	1.4
			eS	29	02.00	
MAT	4.90	225	iPc	28	52.60	1.9
			eS	30	02.00	
TOK	4.92	207	eP	28	52.00	1.0
SHK	9.59	238	eP	29	56.00	0.0
MDJ	10.53	299	eP	30	09.40	0.5
			PP	30	18.00	
			eS	32	05.00	
CN2	13.19	292	Pc	30	46.40	1.9
SNY	14.38	283	Pd	31	01.80	1.8
SSE	19.47	249	Pd	32	02.60	-0.8
	1.0s		44.00nm			4.7mb
BJI	20.11	278	eP	32	07.50	-2.5
TIA	20.29	267	Pd	32	09.20	-2.8
NJ2	20.68	254	Pc	32	14.30	-1.7
BTO	24.66	282	eP	32	54.80	-0.6
WHN	24.77	256	P	32	56.00	-0.3
XAN	27.34	268	eP	33	17.00	-3.1X
GZH	29.88	244	eP	33	43.00	0.0
GTA	32.57	283	P	34	05.80	-0.8
			PcP	36	52.40	
CD2	32.61	266	P	34	05.00	-2.0
GYA	32.66	256	Pc	34	06.00	-1.5
KMI	36.34	258	eP	34	38.50	-0.6
WMQ	40.27	294	P	35	11.60	0.0
LSA	42.83	272	P	35	35.70	2.4
IMA	43.62	32	eP	35	39.80	1.0
SHL	44.34	267	eP	35	44.20	-1.0
PMS	45.50	39	eP	35	53.80	0.0
COL	46.06	34	eP	35	58.00	-0.2
	0.8s		9.33nm			4.8mb
KKN	48.26	274	iPc	36	15.70	-0.5
PKI	48.27	273	iPc	36	15.70	-0.7
	0.4s		16.00nm			5.4mb
DMN	48.48	274	iPc	36	17.60	-0.4
	0.6s		56.00nm			5.8mb
INK	51.28	28	iPc	36	38.70	0.3
IPM	51.40	238	iPc	36	40.10	0.1
MBC	53.33	17	eP	36	53.00	-0.7
NDI	53.95	279	iPc	36	57.30	-1.6
PSI	54.19	238	eP	37	01.00	0.3
ALE	57.00	4	ePc	37	18.90	-1.4

1.0s 17.00nm 5.0mb

			pP	37	33.30	53km
HYB	59.15	267	eP	37	34.50	-1.6
WB2	60.23	189	eP	37	41.70	-1.6
WRA	60.23	189	Pc	37	41.30	-2.0
	0.6s		4.40nm			4.8mb
YKA	60.73	31	eP	37	45.90	-0.4
YKC	60.79	31	eP	37	46.00	-0.7
KEV	60.86	339	eP	37	44.00	-3.1X
			i	37	59.20	56km
GBA	62.31	265	P	37	56.60	-0.9
SOD	62.45	337	iP	37	56.80	-1.0
			i	38	09.50	44km
DAG	62.78	355	iPd	37	58.10	-1.8
	0.6s		13.33nm			5.2mb
			i	38	12.00	50km
MHI	63.00	296	eP	38	02.00	0.0
KJF	64.11	334	iP	38	08.00	-0.8
	0.7s		29.40nm			5 4mb
			i	38	21.00	45km
KOD	64.39	262	eP	38	11.00	-0.6
SUF	65.61	333	iP	38	16.90	-1.5
	0.3s		13.40nm			5.5mb
EDM	66.43	40	ePc	38	23.00	-0.9
NUR	67.62	332	iP	38	30.40	-0.8
	0.5s		16.80nm			5.3mb
Z	22s		0.20um			4.3Msz
			LR	08	30.00	
IR2	69.18	299	eP	38	41.00	-0.5
SES	69.27	41	ePc	38	41.40	-0.3
UPP	70.55	334	iP	38	48.00	-1.2
FFC	70.67	34	iPc	38	49.70	-0.4
	0.7s		9.00nm			4.8mb
LRM	71.38	45	eP	38	54.90	0.1
HFS	71.62	336	eP	38	54.60	-1.1
	0.7s		25.10nm			5.3mb
NB2	71.66	337	P	38	55.20	-0.8
	0.7s		16.80nm			5.1mb
BMN	71.94	52	eP	38	59.00	0.8
FRB	73.58	14	ePc	39	06.20	-0.9
			pP	39	20.00	48km
BDW	74.91	47	eP	39	16.00	0.4
	1.0s		2.20nm			4.1mb X
COP	75.55	333	iP	39	18.20	-0.4
	0.7s		19.18nm			5.1mb
MUD	76.00	335	iPd	39	21.00	-0.1
	0.7s		6.00nm			4.6mb
RSON	76.94	33	eP	39	25.80	-0.7
	0.9s		2.94nm			4.3mb
RSSD	76.99	43	eP	39	27.30	0.1
	0.9s		6.30nm			4.6mb
KRA	77.00	326	iPc	39	26.90	0.0
			i	39	40.20	46km
SPC	77.52	325	eP	39	30.10	0.1
KSP	77.91	328	iPc	39	32.00	0.1
			e	39	45.00	44km
BRG	78.82	330	iPc	39	36.30	-0.5
	0.9s		9.00nm			4.7mb
			i	39	50.00	47km
CLL	78.83	330	iPc	39	36.60	-0.3
	0.9s		16.00nm			5.0mb
			ipP	39	50.10	46km
PRU	79.28	329	eP	39	39.00	-0.4
			e	39	53.00	48km
GOL	79.32	47	eP	39	42.00	1.9
ELO	79.61	342	ePc	39	41.00	0.0
	0.8s		18.00nm			5.1mb
ESY	79.84	341	ePc	39	42.30	0.1
	0.8s		14.00nm			5.0mb
MOX	79.89	331	eP	39	43.00	0.4
			e	39	56.00	44km
EAB	80.01	342	eP	39	43.30	0.1
	0.8s		******nm			8.4mb X
HOF	80.06	330	iPc	39	43.50	-0.1
EBL	80.07	341	ePc	39	43.70	0.2
EAU	80.11	341	eP	39	44.00	0.3
			e	39	57 40	46km
SOP	80.26	326	iPc	39	45.20	0.6
KHC	80.35	329	iPc	39	46.50	1.4
	0.8s		19.00nm			5.1mb
			i	39	59.80	45km
WTS	80.48	334	ePd	39	46.00	0.3
EKA	80.50	341	Pc	39	45.70	-0.1
	0.5s		6.00nm			4.8mb
GRF	80.81	330	eP	39	48 40	0.9
	0.8s		26.00nm			5.2mb
BHG	81.75	328	iPc	39	53.30	0.8

ENN	81.82	334	eP	39	52.50	-0 2
	0.8s		6.00nm			4.7mb
MEM	81.92	334	P	39	52.70	-0.6
ALQ	81.98	51	eP	39	54.90	0.7
	1.1s		7.28nm			4.6mb
FUR	82.03	329	iPc	39	54.60	0.7
	0.7s		26.00nm			5.4mb
KBA	82.08	328	iP	39	54.90	0.5
	0.7s		17.10nm			5.2mb
			i	39	56.80	6kmX
			i	40	07.40	
			i	40	10.20	
SCH	82.17	17	eP	39	54.00	-0 6
GWF	82.73	332	ePKP	39	57.46	-0 2
CDF	83.33	332	eP	40	00.90	0
	0.7s		6.60nm			4.8mb
SLE	83.42	331	eP	40	01.00	-0.2
SAX	83.53	330	eP	40	02.20	0.2
ETA	83.65	341	eP	40	03.70	1.5
	0.8s		50.00nm			5.6mb
BSF	83.99	332	eP	40	04.00	-0.2
HAU	84.01	332	eP	40	04.10	0.0
	0.5s		4.90nm			4.8mb
ECB	84.09	342	iPc	40	04.80	0.4
	0.9s		60.00nm			5.7mb
VDL	84.11	329	eP	40	05.40	0.5
ECP	84.16	341	iPc	40	05.20	0.5
	0.7s		35.00nm			5.5mb
DIX	85.24	330	eP	40	10.90	0.3
EMS	85.43	331	eP	40	11.80	0.3
LOR	85.52	333	iPc	40	11.80	0.1
	0.8s		20.60nm			5.4mb
FLN	85.63	336	eP	40	12.40	0 2
LDF	85.67	336	eP	40	12.50	0 1
LBF	85.72	333	eP	40	12.70	0 0
	0.8s		13.60nm			5.2mb
SSF	85.82	333	iPc	40	13.30	0.1
	0.8s		16.60nm			5 3mb
SMF	86.06	333	iPc	40	14.60	0 2
	1.0s		16.80nm			5.2mb
GRR	86.07	336	iPc	40	14.90	0 5
	0.8s		12.90nm			5.2mb
AVF	86.10	333	iPc	40	15.00	0.4
	0.7s		35.20nm			5.7mb
LPF	86.45	336	iPc	40	16.80	0 6
	0.7s		13.00nm			5.3mb
BGF	86.48	333	iPc	40	16.90	0.5
	0.8s		7.70nm			5.0mb
MZF	86.87	333	iPc	40	19.20	0 9
	0.7s		18.70nm			5.4mb
TCF	86.93	334	eP	40	19.20	0.5
	0.8s		9.90nm			5.1mb
LSF	87.19	334	iPc	40	20.40	0 5
	0.8s		31.50nm			5.6mb
MFF	87.44	335	iPc	40	21.80	0 8
	0.8s		21.40nm			5.4mb
LRG	87.86	330	iPc	40	23.40	0 3
LMR	87.90	330	iPc	40	23.50	0 2
RJF	88.03	334	eP	40	24.80	0 9
	0.8s		8.00nm			5.0mb
CAF	88.17	333	eP	40	25.50	0 8
FVM	88.40	39	eP	40	26.10	0.2
	0.8s		6.06nm			4.9mb
LPO	88.68	333	eP	40	27.90	0.8
EPF	90.43	333	eP	40	35.50	0 1
MIM	90.43	22	eP	40	50.80	15.5X
SLR	124.10	263	iPKPc	46	32.30	-0 5
BAO	153.95	23	e(PKP)	47	47.50	22 0X

S.D. = 0.9 on 131 of 137 obs.

? APR 17, 1985 00h 51m 05.41± 1 36s
3.464 S ±25.0km 128.363 E ±32.5km
DEPTH = 33.0km (normal)
4.9mb (4 obs.)
CERAM (272)

WB2	17.39	161	iPc	55	08.70	1.4
			eS	58	13.30	
ASPA	20.79	166	eP	55	46.00	-0.4
	0.2s		267.00nm			6.3mb X
			eS	59	22.00	
IPM	28.46	286	ePd	57	00.10	0.4
PSI	30.05	281	ePc	57	13.80	-0.2
	0.7s		24.30nm			5.1mb
STK	30.88	158	eP	57	20.00	-1 1
PKI	51.62	309	eP	00	11.60	0 0
KKN	51.83	310	eP	00	13.46	0 4

17d 01h

	0.7s	9.00nm			4.8mb	
DMN	51.87	309	eP	00	13.80	0.4
	0.7s	11.00nm			4.9mb	
GBA	53.29	290	Pd	00	23.10	-0.7
	0.6s	2.30nm			4.3mb	
	S.D. = 0.9	on	9 of	9 obs.		

APR 17, 1985 01h 58m 14.37± 0.96s
23.997 N ± 5.5km 96.024 E ± 4.6km
DEPTH = 37.6 ± 10.2 km
4.7mb (11 obs.)
BURMA (296)

KMI	6.22	78	ePn	59	49.00	2.6
			Sn	00	50.00	
LSA	7.15	324	P	00	01.70	2.0
LOE	8.46	140	eP	00	16.00	-1.4
CD2	9.72	43	eP	00	36.60	1.7
			eS	02	26.50	
GYA	9.94	74	P	00	37.00	-1.0
PKI	10.21	293	eP	00	42.00	0.2
	0.7s	39.00nm			5.7mb	
KKN	10.38	294	eP	00	42.40	-1.8
DMN	10.47	292	eP	00	43.40	-2.0
	0.7s	61.00nm			5.9mb	X
QIZ	13.78	108	eP	01	24.80	-4.7X
LZH	13.81	27	eP	01	29.00	-1.0
XAN	15.07	45	eP	01	43.40	-2.9
GTA	15.70	11	P	01	59.10	4.5X
GZH	15.91	90	eP	02	04.00	6.8X
HKC	16.78	92	eP	02	09.00	0.8
NDI	17.49	290	eP	02	18.00	0.9
			eS	05	23.00	
HYB	17.60	251	eP	02	18.00	-0.5
			eS	05	22.50	
BSI	18.40	182	eP	02	27.50	-0.9
TIY	19.59	42	eP	02	41.20	-1.2
IPM	19.90	165	ePd	02	45.50	-0.2
BTO	20.30	32	P	02	49.50	-0.3
			eS	06	34.50	
GBA	20.38	243	P	02	51.20	0.5
WMQ	20.92	343	iPc	02	57.00	0.8
HHC	21.26	34	eP	02	57.80	-1.9
POO	21.36	259	iP	03	04.50	3.8X
			eS	06	51.50	
PSI	21.36	172	iPd	03	01.50	0.8
	0.7s	28.40nm			4.8mb	
			eS	09	44.30	
NJ2	21.66	63	eP	03	05.00	1.3
TIA	21.89	51	Pd	03	06.20	0.3
BOM	22.18	261	eP	03	09.00	0.2
KOD	22.36	235	eP	03	12.20	1.1
KSH	22.90	317	eP	03	19.00	3.0
			eS	07	30.00	
KGM	22.96	161	ePd	03	17.90	1.3
BJI	23.32	42	eP	03	22.50	2.6
			eS	07	34.00	
SSE	23.37	67	e(P)	03	20.60	0.1
			eS	07	36.00	
SNY	28.99	46	Pd	04	12.80	0.2
CN2	31.16	43	eP	04	30.80	-1.1
			PP	05	40.00	
			eS	09	41.00	
MHI	33.69	300	eP	04	55.00	0.8
MAT	38.23	61	eP	05	32.00	-0.6
	0.8s	14.93nm			4.9mb	
			eS	11	40.00	
IR2	40.52	297	eP	05	53.00	1.3
NAU	49.99	156	iPc	07	08.00	1.0
WRA	57.46	136	Pc	08	01.20	-0.9
	0.8s	6.20nm			4.7mb	
WB2	57.46	136	eP	08	00.70	-1.5
KJF	59 23	332	iP	08	12.80	-1.2
	0.8s	19.10nm			5.3mb	
SUF	59.74	330	iP	08	16.60	-0.9
	0.5s	3.00nm			4.7mb	
SOD	60.17	335	iP	08	19.30	-1.1
NUR	60.27	327	eP	08	20.00	-1.1
Z	24s	0.40um			4.5MszX	
HFS	65.72	327	eP	08	55.90	-1.3
	0.7s	3.70nm			4.6mb	
NB2	66.82	328	P	09	03.80	-0.5
	0.9s	4.00nm			4.5mb	
DAG	72.23	347	iPc	09	35.80	-1.3
	0.6s	4.00nm			4.6mb	
MTD	74.81	244	eP	09	53.00	-0.2
MBC	77.63	8	eP	10	08.00	0.0

	0.7s	7.00nm			4.8mb	
COL	78.83	23	eP	10	15.00	0.2
BUL	78.95	242	iPc	10	16.30	0.0
	0.6s	4.00nm			4.6mb	
INK	81.11	17	eP	10	28.00	1.2
YKA	90.41	14	eP	11	14.90	1.9
FRB	91.71	353	eP	11	19.00	0.1
	S.D. = 1.3	on	51 of	55 obs.		

APR 17, 1985 02h 09m 34.32± 0.32s
1.846 N ± 5.3km 126.511 E ± 8.2km
DEPTH = 33.0km (normal)
5.1mb (9 obs.)
MOLUCCA PASSAGE (266)

DAV	5.29	350	eP	10	46.00	-7.1X
PLP	9.38	351	eP	11	54.00	3.7X
KKM	11.08	292	ePd	12	16.70	2.9
BAG	15.61	338	eP	13	18.00	4.2X
KNA	17.62	173	eP	13	38.00	-1.1
WRA	22.98	161	Pc	14	35.40	-1.8
	0.6s	31.70nm			5.0mb	
WB2	22.98	161	iPc	14	35.70	-1.6
			eS	18	44.30	
KGM	23.18	271	ePd	14	40.30	1.1
QIZ	23.63	317	eP	14	45.60	2.1
MBL	23.78	196	eP	14	46.00	1.0
IPM	25.59	277	ePd	15	02.60	0.2
PPI	26.21	265	eP	15	12.20	4.0X
ASPA	26.36	165	eP	15	10.00	0.5
			eS	19	42.00	
NAU	26.52	203	eP	15	12.00	1.2
PSI	27.58	272	eP	15	20.00	-0.7
	0.9s	52.60nm			5.2mb	
CTA	29.16	139	iPd	15	34.90	0.0
	1.0s	11.50nm			4.5mb	
SSE	29.52	351	eP	15	39.00	1.0
GYA	31.02	324	P	15	50.80	-0.7
KLB	34.28	193	eP	16	20.00	0.3
MUN	35.03	195	eP	16	27.00	0.9
TIA	35.28	347	eP	16	28.00	-0.2
NWAO	35.68	193	eP	16	33.00	1.4
XAN	36.00	335	Pc	16	33.40	-1.0
CD2	36.04	326	P	16	34.40	-0.4
MAT	36.18	16	eP	16	35.00	-0.8
	1.0s	31.00nm			5.2mb	
TIY	37.97	342	eP	16	50.60	-0.3
BJI	39.16	347	eP	17	01.50	0.8
SNY	39.89	357	eP	17	07.20	0.5
LZH	40.02	331	eP	17	08.50	0.4
	2.0s	85.00nm			5.2mb	
YOU	41.40	152	eP	17	19.90	0.6
CN2	41.79	359	eP	17	22.00	-0.3
CAN	42.54	152	eP	17	28.20	-0.5
MDJ	42.68	3	eP	17	30.20	0.6
WAM	43.21	153	eP	17	35.10	1.0
GTA	44.60	330	P	17	45.20	-0.3
NOU	45.77	124	iPc	17	56.50	1.7
PKI	46.90	307	eP	18	02.70	-1.4
	0.9s	13.00nm			4.9mb	
KKN	47.09	307	eP	18	04.00	-1.5
	1.1s	27.00nm			5.2mb	
DMN	47.16	307	eP	18	04.90	-1.2
	0.9s	30.00nm			5.3mb	
HYB	49.57	291	eP	18	22.50	-2.1
GBA	49.90	286	P	18	25.50	-1.7
WMQ	54.14	326	eP	18	57.50	-1.2
MHI	70.48	308	eP	20	47.00	-1.1
IR2	77.24	306	(P)	21	27.00	-0.4
SBA	82.51	172	eP	21	51.80	-2.8
			e	51	24.00	
IMA	84.18	24	eP	22	05.50	2.0
PMS	85.46	29	eP	22	10.90	1.0
NAI	89.75	269	eP	22	33.00	1.2
INK	91.99	22	eP	22	41.00	0.3
SOD	92.11	338	eP	22	43.00	1.7
KJF	92.18	334	eP	22	41.00	-0.7
SUF	93.12	333	eP	22	47.00	1.0
DAG	99.10	352	iPd	23	12.10	-0.9
	0.7s	2.05nm			4.8mb	
YKA	101.29	24	ePdiff	23	30.50	7.5X
ALQ	118.44	48	e(PKP)	28	20.00	-1.0
MDJ	145.92	157	ePKP	29	16.50	4.4X
TCA	148.85	161	ePKPd	29	21.30	4.4X
	S.D. = 1.2	on	50 of	57 obs.		

• APR 17, 1985 04h 16m 16.63± 0.51s
52.107 S ±11.2km 14.445 E ±17.1km
DEPTH = 10.0km (geophysicist)
5.1mb (7 obs.) 4.9Msz (3 obs.)
SOUTHWEST OF AFRICA (413)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 24C
Centroid Location:
Origin Time 04:16:21.8 0.6
Lat 52.09S 0.06 Lon 15.22E 0.13
Dep 10.0 FIX Half-duration 1.7
Moment Tensor; Scale 10**24 D-CM
Mrr=-1.18 0.06 Mtt= 1.10 0.08
Mff= 0.07 0.05 Mrt=-1.09 0.22
Mrf= 0.34 0.19 Mtf=-0.25 0.08
Principal Axes:
T Val= 1.62 Plg=22 Azm=194
N 0.02 2 285
P -1.64 68 20
Best Double Couple:Mo=1.6*10**24
NP1:Strike=280 Dip=23 Slip= -96
NP2: 106 67 -88

SNA	19.83	197	iPd	20	49.00	-0.9
	1.0s	110.00nm			5.1mb	
GRM	20.74	30	eP	20	57.50	-2.2
	0.6s	65.33nm			5.2mb	
Z	22s	4.81um			4.8Msz	
VIR	25.74	26	eP	21	50.00	1.1
	0.8s	31.34nm			5.1mb	
EVA	27.85	29	eP	22	09.30	0.9
KSR	27.85	25	iPd	22	09.70	1.3
	0.8s	11.25nm			4.7mb	
BPI	27.86	27	e(P)	22	08.00	-0.5
SLR	28.35	27	eP	22	12.20	-0.6
Z	21s	3.58um			4.9Msz	
BUL	33.76	24	iPc	23	00.00	-0.6
			i	24	07.00	
MTD	37.77	27	eP	23	42.00	7.4X
SPA	38.08	180	eP	23	37.50	0.6
	1.0s	31.00nm			5.0mb	
Z	20s	2.39um			5.0Msz	
			e	25	05.20	
SBA	49.19	173	e(P)	25	01.30	-4.7X
BNG	56.43	5	iPc	25	59.60	-1.1
	1.2s	21.10nm			5.0mb	
			eS	32	35.60	
LIC	60.44	338	eP	26	30.00	1.4
BAO	60.94	282	e(P)	26	32.10	-0.1
LPB	72.58	265	eP	27	46.00	-0.4
GBA	84.93	60	Pd	28	53.60	0.7
	1.1s	12.90nm			5.1mb	
ASPA	87.93	127	eP	29	08.00	0.2
			eS	39	33.00	
PSI	88.71	84	e(P)	28	53.00	-18.5X
LTX	129.60	268	e(PKP)	35	30.00	2.8
ALQ	135.16	272	ePKP	35	36.80	-0.9
	1.0s	2.50nm				
RSSD	139.28	284	ePKP	35	48.30	3.1X
BDW	141.87	279	ePKP	35	48.00	-1.9
	1.0s	2.40nm				
FFC	143.17	300	ePKP	35	55.50	4.1X
	1.2s	7.00nm				
BMN	145.23	270	ePKP	36	05.00	9.4X
LRM	145.25	281	ePKP	35	55.90	0.3
JAS1	145.68	264	iPKPc	35	57.40	1.1
SES	146.51	289	ePKP	35	56.00	-1.2
ORV	147.35	265	ePKPc	36	03.20	4.3X
WDC	148.60	266	ePKP	36	04.00	3.1X
EDM	148.90	293	ePKPd	36	04.10	3.1X
MBC	150.05	340	ePKP	36	08.00	6.0X
	0.6s	6.00nm				
YKC	151.29	311	ePKP	36	10.00	5.8X
YKA	151.35	311	ePKP	36	10.70	6.4X
	S.D. = 1.3	on	21 of	33 obs.		

APR 17, 1985 05h 44m 46.22± 0.76s
40.101 N ± 5.3km 29.296 E ± 6.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.47	7	iPg	44	55.60	-0.2
DST	0.71	226	iPg	44	59.40	-0.9
			iSg	45	10.40	
KCT	0.73	282	ePg	45	01.10	0.4
			eSg	45	11.10	
ISK	0.98	349	ePn	45	04.70	-0.1

EDR No. 4-85
September 23, 1985
P. 133-264 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.

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BNT      1.08 284 iPn    45 07.50    0.9
EDC      1.12 283 ePn    45 07.00   -0.3
ALT      1.22 149 iPn    45 09.40    0.4
CTT      1.24 328 iPn    45 08.90   -0.3
TLB      4.58 349 ePc    45 50.00   -7.1X
      S.D. = 0.7  on   8 of   9 obs.

&  APR  17, 1985  05h 45m 18.47s
   60.039 N          153.258 W
   DEPTH = 118.2km
 SOUTHERN ALASKA                    (  2)
      <AGS-P>.

ILM      0.26  57 eP     45 34.67    0.9
                eS     45 47.95
PDB      0.53 242 iP     45 35.86   -0.8
                eS     45 49.48
RDT      0.68  38 iP     45 37.14   -0.7
                eS     45 51.51
BRLK     1.23 102 iP     45 41.83   -1.2
                eS     46 01.40
NKA      1.23  54 eP     45 43.84    0.8
SPU      1.29  27 iP     45 42.96   -0.8
                eS     46 02.95
CRP      1.35  23 iP     45 43.96   -0.6
CGLM     1.41  25 iP     45 44.50   -0.8
SLKM     1.58  71 iP     45 45.88   -1.3
                eS     46 06.78
SVW      1.59 314 iP     45 45.99   -1.2
SEW      1.91  86 eP     45 49.45   -1.7
                eS     46 12.27
MPA      1.99  75 eP     45 50.55   -1.7
PMS      2.19  55 iP     45 53.02   -1.7
                eS     46 19.57
PTE      2.26  67 eP     45 53.19   -2.3
KDC      2.33 170 eP     45 53.41   -3.1
                eS     46 20.42
PLRM     2.55  51 eP     45 57.90   -1.5
KNK      2.73  58 eP     45 58.96   -2.9
                eS     46 31.14
GHO      2.74  49 eP     45 59.29   -2.7
                eS     46 31.02
MSE      2.76  47 eP     45 59.53   -2.8
                eS     46 31.24
SML      2.99  51 eP     46 02.24   -3.0
GLI      3.17  72 eP     46 06.17   -1.5
FID      3.44  75 eP     46 08.51   -2.8
VZW      3.47  70 eP     46 09.51   -2.2
KLU      3.88  65 iP     46 14.04   -3.3
COL      5.50  25 eP     46 36.00   -3.2
YKA     18.55  66 eP     49 24.90   -3.4
YKC     18.62  66 eP     49 25.00   -4.0
       27 obs. associated

*  APR  17, 1985  06h 07m 47.60± 0.67s
   66.429 N ± 7.2km  149.678 W ± 6.9km
   DEPTH =  10.0km  (geophysicist)
 ALASKA                             (676)
      ML 3.8 (PMR)

IMA      1.66 259 ePc    08 16.60   -0.4
COL      1.72 152 eP     08 17.00   -0.8
                i      08 20.60
                eS     08 38.00
FBA      1.72 152 eP     08 17.60   -0.2
TTA      4.44 221 eP     08 56.70    0.1
TOA      4.60 159 eP     09 00.30    1.4
PME      4.83 176 eP     09 04.30    2.3X
DWY      4.92 114 P      09 02.70   -0.6
BRW      5.52 336 eP     09 11.90    0.2
INK      6.51  66 eP     09 26.00    0.3
      S.D  = 0.8  on   8 of   9 obs.

?  APR  17, 1985  06h 42m 09.54± 1.36s
   15.121 N ±14.3km  105.719 W ±26.1km
   DEPTH =  10.0km  (geophysicist)
   4.0mb (  5 obs.)  3.9Msz (  1 obs.)
 OFF COAST OF MICHOACAN, MEXICO     ( 64)

LTX     14.27   7 P      45 34.50    0.6
JCT     16.22  19 eP     46 01.00    1.8
HKT     17.34  30 eP     46 20.00    6.8X
ALO     19.75 358 eP     46 41.50   -1.3
        1.3s    12 02nm          4.0mb
BHO     21.53  25 e(P)   47 01.80    0.9
RMU     22.36 349 eP     47 12.00    2.6
TUL     22.53  21 e(P)   47 09.50   -1.4
        1.3s    31.70nm          4.6mb
     Z  19s     0.45um           3.9Msz
                e      47 17.80
RLO     23.04  23 eP     47 14.80   -1.1
GLD     24.54   1 P      47 30.00   -0.7
BMN     27.14 341 eP     47 56.00    1.0
        1.0s    2.00nm           3.8mb
BDW     27.76 354 eP     48 00.00   -0.7
        1.0s    1.60nm           3.7mb
FFC     39.63   3 eP     49 41.00   -1.9
        1.0s    5.00nm           4.1mb
YKA     47.73 354 eP     50 53.60    5.4X
LPB     48.66 129 eP     50 57.00    0.4
CCH     50.66 128 eP     51 12.00    0.3
INK     56.05 348 eP     51 50.00   -0.6
      S.D. = 1.4  on  14 of  16 obs.

?  APR  17, 1985  07h 08m 07.34± 4.21s
   38.745 N ±42.4km   20.177 E ±12.2km
   DEPTH =  10.0km  (geophysicist)
   3.4mb (  1 obs.)
 GREECE                             (364)

LIT      2.25  52 ePbc   08 45.60    0.5
                eSb    09 08.40
LCI      2.34 313 ePn    09 17.50   31.1X
GRG      2.79  37 ePn    08 52.40   -0.5
BRT      3.13 314 ePn    09 52.50   55.0X
ORI      3.17 295 ePn    09 24.50   26.4X
SOH      3.21  49 ePn    08 59.10    0.3
                eSn    09 29.70
SRS      3.54  47 ePn    09 03.90    0.5
TTG      3.75 350 ePn    09 07.00    0.6
                eSn    09 54.20
MMB      3.93  43 eP     09 09.00   -0.1
                iS     09 45.00
SGO      4.17 297 e(Pn)  09 24.50   12.1X
VTS      4.48  30 iPd    09 16.00   -0.8
KDZ      4.90  52 iP     09 29.00    6.1X
PVL      5.80  39 eP     09 36.00    0.6
NUR     21.97   6 eP     13 01.00   -1.8
NB2     23.01 349 P      13 14.80    1.7
        0.6s    0.80nm           3.4mb
SUF     24.28   7 eP     13 26.00    0.6
KJF     25.88   8 eP     13 39.00   -1.6
      S.D. = 1.1  on  12 of  17 obs.

   APR  17, 1985  08h 28m 52.66± 0.68s
   15.273 N ± 8.6km  105.201 W ± 8.0km
   DEPTH =  10.0km  (geophysicist)
   4.4mb (  8 obs.)  4.5Msz (  1 obs.)
 OFF COAST OF MICHOACAN, MEXICO     ( 64)

TAC      7.06  54 iP     31 25.00   46.2X
IIC      7.22  51 iP     30 41.00   -0.1
IIP      7.24  55 iP     30 40.00   -1.5
VHO      8.36  75 iP     31 01.00    3.9X
LTX     14.07   6 iP     32 16.10    1.8
        1.2s    13.04nm          4.6mb
JCT     15.93  17 eP     32 40.00    1.5
HKT     16.96  29 eP     32 52.20    0.6
ALO     19.62 357 eP     33 23.30   -1.2
        1.5s    27.78nm          4.3mb
GLA     19.74 335 eP     33 28.00    2.3
BAR     20.22 331 eP     33 35.00    4.3X
PLM     20.87 332 eP     33 38.00    0.4
TPC     21.15 334 eP     33 39.00   -1.3
BHO     21.18  24 eP     33 40.60    0.0
RVR     21.64 332 eP     33 45.00   -0.2
SDW     22.02 333 P      33 49.50    0.3
TUL     22.21  21 eP     33 51.50    0.6
        0.9s    15.40nm          4.5mb
     Z  18s     1.69um           4.5Msz
                e      33 57.00
RMU     22.31 348 eP     33 44.10   -8.0X
SBB     22.42 332 eP     33 53.00   -0.1
GSC     22.50 335 eP     33 42.00  -11.8X
RLO     22.71  22 eP     33 56.20    0.4
CLC     23.27 334 eP     34 02.00    0.6
SYP     23.34 328 eP     34 03.00    0.9
ISA     23.53 332 eP     34 04.00    0.1
MSU     23.95 346 P      34 09.50    1.3
GOL     24.34 360 e(P)   34 12.00    0.1
GLD     24.39 360 eP     34 13 00    0.7
        1.0s    36 00nm          5.0mb
EUR     25.90 341 iP     34 22 50   -4.3X
        1.0s     5.77nm          4.2mb
JAS1    26.27 332 eP     34 30.00    0.0
BMN     27.17 340 eP     34 38.50    0.2
        1.1s    4.87nm           4.1mb
BDW     27.66 353 eP     34 42.00   -0.9
        1.0s    4.20nm           4.1mb
LRM     31.06 350 eP     35 12.30   -1.0
NEW     34.33 346 P      35 40.00   -1.6
SES     35.35 354 ePc    35 49.30   -0.9
EDM     38.40 352 iPc    36 14.80   -1.1
FFC     39.45   3 iPc    36 23.40   -1.1
        1.3s    19.00nm          4.6mb
LPB     48.37 129 eP     37 39.00    1.6
CCH     50.36 129 P      37 53.50    0.9
YJA     53.83 133 e(P)   38 18.00   -0.7
INK     56.00 348 eP     38 32.00   -1.4
MBC     61.44 356 eP     39 10.00   -1.1
      S.D. = 1.1  on  34 of  40 obs.

*  APR  17, 1985  08h 31m 55.13± 0.58s
   57.655 S ±10.9km   65.777 W ±21.3km
   DEPTH =  33.0km  (normal)
   4.9mb (  4 obs.)
 DRAKE PASSAGE                      (149)

AIA      7.66 175 P      33 53.80    6.8X
LNV     24.01 348 eP     37 07.20   -0.3
TACH    24.26 349 eP     37 10.00    0.0
PEL     24.74 350 iP     37 09.00   -5.7X
SPA     32.52 180 eP     38 27.00    2.3
        1.0s    31.00nm          5.2mb
CCH     40.21 359 P      39 38.90    8.6X
SBA     40.99 195 e(P)   39 36.80    1.0
LPB     41.09 357 P      39 39.00    1.3
ARE     41.35 352 eP     39 40.00    0.4
BAO     44.03  25 e(P)   40 03.00    1.7
VIR     68.10 108 eP     42 54.60    0.9
BPI     70.25 108 eP     43 04.80   -2.2
SLR     70.74 108 eP     43 10.50    0.6
LIC     80.19  62 eP     44 04.30    0.8
BNG     90.67  83 ePc    44 48.80   -6.8X
        1.0s    15.80nm          5.3mb
                i      44 57.30
                i      45 06.30
LTX     92.32 328 eP     45 02.00   -0.8
        1.0s    3.00nm           4.7mb
WB2    100.89 199 ePdiff45 41.80   -0.2
WRA    100.89 199 Pdiffd45 41.80   -0.2
        0.8s    1.60nm           4.6mb
MBC    137.93 343 ePKP   51 15.00   -1.2
DMN    143.66 133 ePKP   51 25.60   -2.5
        0.6s    14.00nm
KKN    143.89 133 ePKP   51 25.90   -2.5
        0.6s    17.00nm
KMI    146.47 161 ePKP   51 34.00   -1.
      S.D. = 1.5  on  18 of  22 obs

*  APR  17, 1985  09h 49m 20.25± 0.99s
   15.211 N ±13.1km  105.304 W ±14.0km
   DEPTH =  10.0km  (geophysicist)
   4.4mb (  7 obs.)  4.4Msz (  1 obs.)
 OFF COAST OF MICHOACAN, MEXICO     ( 64)

LTX     14.14   6 iP     52 45.10    2.3
        1.1s    14.12nm          4.6mb
HKT     17.06  29 eP     53 20.00   -0.5
ALO     19.68 357 eP     53 51.00   -1.8
        1.1s    12.97nm          4.1mb
GLA     19.75 336 eP     53 53.00   -0.3
PLM     20.88 332 eP     54 19.00   13.7X
TPC     21.17 335 eP     54 08.00   -0.1
BHO     21.28  24 e(P)   54 08.00   -1.1
RVR     21.65 332 eP     54 13.00    0.1
SDW     22.03 333 P      54 16.50   -0.3
MWC     22.15 331 eP     54 01.00  -17.1X
TUL     22.30  21 eP     54 21.60    2.2
        1.3s    30.20nm          4.6mb
     Z  18s     1.27um           4.4Msz
RMU     22.35 348 eP     54 22.50    2.4
SBB     22.43 332 eP     54 22.00    1.2
GSC     22.51 335 eP     54 20.00   -1.6
RLO     22.80  22 eP     54 24.70    0.4
CLC     23.28 334 eP     54 30.00    0.9
SYP     23.34 328 eP     54 31.00    1.3
ISA     23.54 332 eP     54 33.00    1.4
MSU     23.99 347 P      54 36.50    0.4
GOL     24.40 360 e(P)   54 41.50    1.4
GLD     24.45   0 eP     54 41.00    0.5
```

17d 09h

1.1s 21.22nm 4.7mb
DAU 25.64 349 P 54 52 00 0.0
EUR 25.93 341 iP 54 56.00 1 4
1.0s 3.85nm 4.0mb
BMN 27.19 340 eP 55 06.20 0.1
1.0s 2.00nm 3.8mb
LRM 31 10 350 eP 55 40.40 -0.9
NEW 34.37 346 P 56 08.00 -1.5
EDM 38.45 352 eP 56 42.50 -1.4
FFC 39.51 3 eP 56 51.00 -1.7
1.0s 8.00nm 4.3mb
YKC 47.65 354 eP 57 56.00 -2.3
YKA 47.68 354 eP 57 57.10 -1.4
LPB 48.41 129 P 58 06.00 0.7
CCH 50.40 129 eP 58 21.00 0.5
INK 56.04 348 eP 59 00.00 -1.3
MBC 61.49 356 eP 59 38.00 -1.1
S.D. = 1.3 on 32 of 34 obs.

% APR 17, 1985 09h 54m 38.88± 1.03s
39.525 N ±10.3km 29.204 E ± 8.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.45 280 ePn 54 47.40 -0.7
ALT 0.85 123 ePn 54 55.40 0.1
YLV 1.05 7 iPn 54 58.50 -0.2
BNT 1.29 310 ePn 55 04.00 1.2
ISK 1.54 356 ePn 55 06.00 -0.4
S.D. = 1.0 on 5 of 5 obs.

APR 17, 1985 10h 22m 15.62± 0.73s
33.496 N ± 6.9km 133.163 E ± 7.3km
DEPTH = 33 0km (normal)
SHIKOKU, JAPAN (236)
Felt (III JMA) at Kochi. Also
felt (I JMA) at Okoyomo, Honshu.

KOC 0.32 80 iPc 22 23.80 0 2
iS 22 29.30
MTY 0.47 317 Pd 22 26.00 0.2
iS 22 33.30
ASZ 0.79 189 eP 22 30.00 -0.2
S 22 41.00
MRT 0.88 106 eP 22 32.00 0.3
eS 22 43.00
TKM 1.11 42 eP 22 35.00 0.2
eS 22 49.00
TKS 1.31 64 eP 22 38.00 0.3
eS 22 57.00
OKA 1.34 28 eP 22 38.00 -0.1
eS 22 53.00
MAT 5.14 52 iPd 23 31.30 -1.0
(S) 24 32.00
S.D. = 0.5 on 8 of 8 obs.

• APR 17, 1985 10h 29m 51.49± 1.19s
44.192 N ±16.5km 113 488 W ±16.3km
DEPTH = 10.0 ± 15.2 km
EASTERN IDAHO (457)
ML 3.0 (NEIS), 3.3 (BUT).

HPI 0.56 149 iPd 30 02.10 -0.9
TMI 1.44 127 eP 30 17.50 -0.4
LRM 1.79 24 ePn 30 21 60 -1.3
IMW 1.86 98 e(P) 30 25 00 1.0
BUT 1 94 19 ePg 30 27 00 2.1X
eSn 30 50 50
eSg 30 54.80
SRM 2.54 39 ePn 30 34.60 1 0
HRI 2.78 24 ePn 30 36 80 -0 1
NEW 4.79 330 e(P) 30 58.00 -7 4X
EUR 5 06 232 iP 31 10.00 0.6
0.2s 0.56nm 3.8mb X
S.D = 1.3 on 7 of 9 obs.

? APR 17, 1985 10h 52m 35.30± 1.64s
11.162 N ±22.6km 126.240 E ±21.0km
DEPTH = 33 0km (normal)
4 2mb (2 obs.)
PHILIPPINE ISLANDS REGION (248)

PLP 1.24 270 iPd 52 56.50 0.2
iS 53 09.60
WRA 31 92 165 Pd 58 59.80 -0.5
0.6s 1.10nm 3.9mb
WB2 31 93 165 eP 59 00.50 0.2
MEK 38.29 191 eP 59 54 00 -0.6
MEK 38 29 191 eP 00 20.00 25.4X
PKI 41.61 299 eP 00 23.20 0.7
0.7s 6.00nm 4.4mb
KLB 43.28 191 iPd 00 36.00 0.4
NWAO 44.68 191 iPd 00 47.60 0.7
GBA 47.67 278 Pc 01 09.80 -1.1
S.D. = 0.8 on 8 of 9 obs.

APR 17, 1985 11h 23m 48.08± 0.77s
18.415 S ± 9.9km 67.069 W ±15.7km
DEPTH = 272.3 ± 9.9 km
4.0mb (1 obs)
BOLIVIA (120)

CCH 1.35 41 iP 24 27.80 -0.4
0.4s 48.00nm
LPB 2.11 332 iPd 24 34.00 -0.2
0.7s 232.88nm
iS 25 06.00
YJA 4.01 159 ePc 24 55.20 1.2
S 25 47.00
ARE 4.65 294 iPc 25 00.50 -0.8
iS 25 56.00
ANT 6.12 210 iP 25 18.80 0.1
eS 26 24.50
SLA 6.45 167 ePc 25 24.00 1.0
NNA 11.39 303 eP 26 26.00 1.2
1.0s 12.00nm 4 0mb
TCA 13.06 171 ePd 26 43.30 -2.1
ALQ 64.92 325 e(P) 34 00.00 -1.0
YKA 88.88 340 eP 36 13.40 1.1
S.D. = 1.4 on 10 of 10 obs.

APR 17, 1985 11h 36m 42.97± 0.73s
47.122 N ± 6.8km 3.916 E ± 6.7km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 3.0 (LDG).

LBF 0.14 163 Pg 36 47.10 0.7
LOR 0.15 345 Pg 36 47.20 0.7
Sg 36 50.90
SSF 0.29 258 Pg 36 50.70 1.7
Sg 36 56.00
SMF 0.48 186 Pg 36 52.90 0.2
Sg 37 00.20
AVF 0.51 230 Pg 36 54.50 1.2
Sg 37 02.30
GRC 0.60 287 iPgc 36 55.80 0.7
iSg 37 05.60
BGF 0.93 233 Pn 37 00.50 -0.2
Pg 37 01.60
Sg 37 14.90
MZF 1.29 226 Pn 37 07.90 1.0
Sg 37 24.90
TCF 1.44 235 Pn 37 07.60 -1.5
Sg 37 30.00
LSF 1.86 243 Pn 37 13.30 -1.9
Pg 37 17.90
Sn 37 35.60
Sg 37 42.30
HAU 1.87 61 Pn 37 13.60 -1.7
Pg 37 15.90
Sn 37 34.30
Sg 37 40.40
BSF 2.08 69 Pg 37 19.90 1.5
Sn 37 41 10
CAF 2.55 211 Pn 37 24.60 -0.4
Pg 37 32.20
Sg 38 03.20
MFF 2.84 261 Pn 37 27.10 -2.0
Sg 38 15.20
S.D. = 1.4 on 14 of 14 obs.

• APR 17, 1985 14h 06m 09.44± 1.25s
5.708 S ±18.1km 147.079 E ±10.3km
DEPTH = 184.6 ± 9.9 km
4.6mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT 0.94 185 eP 06 38.50 1.0
MDG 1.37 289 eP 06 40.50 -0.4
LMG 3.35 162 eP 07 02.00 -1.3
PMG 3.68 179 iPd 07 07.30 0.1
VSG 13.01 106 eP 09 07.00 -1.7
HNR 13.28 107 e(P) 09 14.00 1.9
WB2 18.80 220 iPd 10 17.20 -0.2
eS 13 42.00
WRA 18.81 220 Pd 10 17.10 -0.4
0.6s 13.60nm 4.6mb
ASPA 21.90 214 iPd 10 50.10 1.6
eS 14 45.00
MEK 34.24 229 eP 12 39.00 -0.7
S.D. = 1.5 on 10 of 10 obs.

% APR 17, 1985 15h 59m 55.98± 1.31s
61.101 N ±11.3km 5.492 E ± 7.8km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 3.1 (BER).

HYA 0.34 79 ePn 00 03.40 0.3
iSn 00 23.90
SUE 0.36 263 iPn 00 03.20 -0.1
eSn 00 21.50
ASK 0.64 193 iPn 00 10.00 1.3
iSn 00 33.50
BER 0.72 187 ePn 00 10.80 0.7
iSn 00 36.10
ODD 1.29 153 ePn 00 19.40 -0.6
eSn 00 54.40
KMY 1.90 184 ePn 00 27.10 -1.6
iSn 01 06.10
S.D. = 1.3 on 6 of 6 obs.

APR 17, 1985 16h 04m 28.54± 0.45s
18.255 N ± 6.4km 145.356 E ± 9.2km
DEPTH = 460.2 ± 7.4 km
4.6mb (4 obs.)
MARIANA ISLANDS (216)

PJG 4.66 186 eP 05 51.40 0.3
GUMO 4.66 186 eP 05 51.50 0.4
GUA 4.71 185 eP 05 50.60 -0.9
eS 06 55.50
KYS 17.50 346 eP 08 16.20 10.7X
OYM 17.94 344 eP 08 09.70 -0.2
SRY 18.11 344 eP 08 10.90 -0.6
TSK 18.48 347 eP 08 15.30 0.2
DDR 18.50 344 eP 08 16.20 0.8
MAT 19.28 342 eP 08 23.00 0.1
0.8s 33.58nm 4.9mb
MDJ 29.41 337 eP 09 54.20 -0.4
XAN 36.06 303 eP 10 51.00 -0.1
WB2 39.47 196 iPc 11 19.20 0.1
CD2 39.65 297 eP 11 21.20 0.6
GTA 44.56 308 P 12 00.00 0.2
MEK 51.64 211 eP 13 16.50 23.3X
PKI 55.54 291 eP 13 21.20 -0.4
0.5s 3.00nm 3.9mb
DMN 55.81 291 eP 13 23.20 -0.2
INK 69.91 23 eP 14 53.00 -0.4
MBC 73.66 14 eP 15 15.00 0.0
YKA 78.53 28 eP 15 42.70 0.8
YKC 78.59 28 eP 15 42.00 -0.3
DAG 84.70 356 iPc 16 12.60 -0.6
0.5s 8.45nm 4.7mb
FFC 87.64 32 eP 16 28.00 0.3
1.1s 10.00nm 4.5mb
S.D. = 0.5 on 21 of 23 obs.

% APR 17, 1985 16h 15m 25.34± 0.88s
39.142 N ± 7.8km 27.577 E ±14.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

TTK 0.72 30 ePn 15 39.20 -0.3
IZM 0.78 198 ePn 15 40.60 0.0
DST 0.94 60 iPn 15 43.30 0.0
EDC 1.22 10 iPn 15 48.50 0.4
BNT 1.24 12 ePn 15 48.00 -0.4
KCT 1.26 28 ePn 15 49.00 0.3
S.D. = 0.4 on 6 of 6 obs.

APR 17, 1985 16h 43m 02.97± 0.57s
18.473 S ±10.8km 178.029 W ± 6.3km
DEPTH = 495.1 ± 6.9 km
4.6mb (5 obs.)
FIJI ISLANDS REGION (181)

SVA 3.36 276 eP 44 16.90 0.2
eS 45 17.10
VUN 3.37 277 iP 44 17.00 0.2

KRP 20.18 195 P 47 03.80 -0.4
PMO 29.04 88 iP 48 23.70 -0.2
0.7s 15.00nm 4.6mb
VAH 29.25 88 iP 48 25.20 -0.5
0.7s 10.00nm 4.4mb
TPT 29.31 88 iP 48 26.00 -0.2
0.7s 8.00nm 4.3mb
RUV 29.50 88 iP 48 27.30 -0.5
0.7s 20.00nm 4.7mb
COO 29.80 240 iPc 48 30.90 0.4
CAN 33.65 233 eP 49 03.40 0.4
CTA 33.71 261 iPd 49 03.70 0.1
0.6s 18.33nm 4.8mb
YOU 33.77 236 eP 49 00.40 -3.6X
WAM 34.06 232 eP 49 07.30 0.9
STK 38.68 242 iPc 49 45.40 0.8
WB2 44.88 260 iPd 50 33.10 -1.0
KNA 50.78 264 iPd 51 17.80 -0.9
MEK 58.64 250 iPc 52 13.20 -0.9
MEK 58.64 250 eP 52 26.00 11.9X
KLB 58.90 244 eP 52 15.00 -0.8
MUN 60.19 243 eP 52 24.00 -0.4
MAT 68.57 323 iPc 53 16.80 -0.4
SPA 71.64 180 e(P) 53 36.00 0.9
INK 92.33 15 eP 55 21.00 1.0
KJF 131.10 345 ePKP 01 19.00 0.3
SUF 132.73 345 ePKP 01 21.00 -0.8
NUR 134.99 344 ePKP 01 26.00 -0.2
NB2 136.98 353 PKP 01 32.00 2.0
0.7s 1.60nm
WIT 145.53 355 ePKP 01 48.50 3.3X
CLL 146.09 348 PKP 01 49.40 3.3X
0.8s 31.00nm
WTS 146.33 355 ePKP 01 50.00 3.5X
0.8s 25.00nm
PRU 146.98 345 PKP 01 51.00 3.4X
e 01 55.30
MOX 146.99 349 ePKP 01 52.00 4.4X
ENN 147.63 355 ePKP 01 53.50 4.9X
0.8s 6.00nm
e 01 57.50
MEM 147.78 355 PKP 01 54.00 5.2X
KHC 148.01 346 ePKP 01 55.00 5.6X
DOU 148.38 357 PKP 01 56.00 6.2X
WLF 148 70 355 PKPd 01 56.70 6.4X
FLN 149.72 3 iPKPd 01 58.60 6.7X
0.7s 8.80nm
CDF 149.83 353 ePKP 01 59.00 6.8X
0.7s 5.50nm
LDF 149.91 3 ePKP 01 59.00 6.8X
KBA 149 98 344 i(PKP) 01 58.40 5.8X
0.7s 4.50nm
i 02 02.70
i 02 08.30
GRR 150.07 4 iPKPd 01 59.60 7.2X
0.8s 12.90nm
HAU 150.33 354 ePKP 02 00.00 7.1X
LPF 150.42 4 iPKPd 02 00.50 7.5X
0.6s 10.00nm
BSF 150 45 353 ePKP 02 00.30 7.1X
GRC 151 24 358 iPKPd 02 02.70 8.5X
LOR 151 24 357 iPKPd 02 02.40 8.1X
0.7s 5.50nm
SSF 151.46 358 iPKPd 02 02.90 8.3X
0.8s 8.00nm
LBF 151.52 357 ePKP 02 02.90 8.2X
0.8s 3.10nm
MFF 151 89 3 iPKPd 02 03.60 8.4X
TCF 152.26 360 ePKP 02 04.50 8.7X
0.8s 3.10nm
LSF 152 30 1 ePKP 02 04.30 8.5X
0.7s 4.60nm
S.D. = 0.8 on 24 of 51 abs.

% APR 17, 1985 17h 03m 22.94± 0.81s
60 710 N ± 5.9km 5.653 E ± 7.6km
DEPTH = 0.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.7 (BER). Explosion.

ASK 0.32 225 iPg 03 29.50 0.2
iSg 03 33.00
HYA 0.53 29 ePn 03 33.80 0.4
iSn 03 42.50
SUE 0.56 309 iPg 03 33.60 -0.5
eSg 03 41.40
ODD 0.91 146 iPn 03 40.50 -0.7
iSn 03 53.00
KMY 1.52 188 ePn 03 52.00 0.6
eSn 04 11.50
S.D. = 0.8 on 5 of 5 abs.

* APR 17, 1985 17h 39m 10.97± 2.57s
47.883 N ±18.7km 7.718 E ±17.9km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.9 (LDG).

ROF 0.59 250 iPgc 39 23.80 0.9
CDF 0.61 331 Pg 39 24.10 0.8
Sg 39 33.70
BSF 0.63 266 Pg 39 23.20 -0.4
Sg 39 31.20
BUH 0.86 23 ePn 39 27.30 -0.3
HAU 0.93 278 Pg 39 27.80 -0.9
LOR 2.68 258 Pg 40 00.80 5.8X
Sg 40 34.10
LBF 2.69 252 Pg 40 00.70 5.5X
Sg 40 33.60
SMF 2.92 246 Pg 40 04.40 6.1X
Sg 40 41.80
SSF 2.97 256 Pg 40 04.70 5.7X
Sg 40 42.80
S.D. = 1.2 on 5 of 9 obs.

APR 17, 1985 20h 30m 08.54± 0.76s
24.335 S ± 5.4km 69.104 W ± 8.5km
DEPTH = 88.3 ± 8.1 km
4.9mb (14 obs.)
NORTHERN CHILE (123)
Felt (II) at Antofagasta.

ANT 1.35 297 iPc+ 30 33.20 0 5
iS 30 50.00
FSA 3.30 123 iPc 31 06.20 7.2X
(S) 31 42.50
YJA 3.95 58 iPc 31 13.90 5.4X
CYA 5.06 145 iPc 30 41.00 -42.4X
RTLL 6 99 176 iPc 31 51.50 1.3
RTCB 7.13 178 ePd 31 53.30 1.2
RTCV 7.51 176 e(P) 31 58.50 1.1
LPB 7 82 7 P 32 03.00 1.0
(S) 32 54.00
TCA 8.04 151 ePd 32 01.00 -3.6X
ARE 8.15 344 iPd 32 01.50 -4.8X
eS 33 28.00
MDZ 8 52 179 eP 32 09.00 -2.2
e 32 49.00
e 33 09.00
PEL 8.89 189 eP 32 16.00 -0.2
FCH 9.02 186 eP 32 17.50 -0.8
LNV 9.80 191 eP 32 22.00 -6.4X
RFA 10.41 177 ePc 32 34.60 -2.3
VAO 20.32 91 eP 34 39.70 -0.2
e 35 02.30
BAO 21.62 70 P 34 52.70 -0.4
i 34 55.80
ITR 33.13 67 eP 36 38.40 -0.1
0.8s 6.60nm 4.5mb
e 36 41.00
e 36 45.90
JCT 61.94 330 iP 40 21.00 -0.3
0.8s 30.22nm 5.4mb
i 40 55.80
LTX 62.86 326 iP 40 27.00 -0.5
0.8s 3.65nm 4.4mb
e 41 01.50
BHO 63.31 336 iP 40 29.40 -0.8
ELC 64.15 342 P 40 33.80 -1.9
RLO 64.97 337 iP 40 39.90 -1.1
TUL 65.02 336 iPc 40 40.30 -1.0
0.8s 26.70nm 5.2mb
FVM 65.14 342 eP 40 40.50 -1.6
0.8s 51.52nm 5.5mb
e 41 16.00
SPA 65.81 180 eP 40 48.60 2.3
0.8s 20.42nm 5.1mb
RSNY 68.73 356 eP 41 04 80 0.2
0.8s 14.79nm 4.9mb
ALQ 68.77 328 eP 41 05.00 -0.3
0.9s 13.45nm 4 8mb
epP 41 40.00 144kmx
LIC 69.37 73 eP 41 10.00 0 9
e 41 35.30
SDW 74.21 320 P 41 38.00 0.3
pP 42 13.00 141kmX
RSSD 75.27 335 eP 41 43.80 0.1
0.8s 14.08nm 4.9mb
i 42 19.30
BDW 76.48 331 eP 41 50.50 -0 1
1.1s 2.82nm 4.1mb
WIN 77.75 109 eP 42 09.60 11.6x
0.8s 22.39nm
RSON 77.95 344 eP 41 57.60 -0 6
1.0s 17.50nm 4.9mb
e 42 33.20
BMN 78.45 325 eP 42 02 00 0 6
1.0s 2.50nm 4 0mb
e 42 38 50
JAS1 78.46 321 eP 42 02 20 0 9
LRM 80.16 331 eP 42 11.00 0 4
ORV 80.19 322 P 42 11.30 0 7
pP 42 47.00 142kmx
GAS 80.95 321 P 42 16.00 1.3
SES 83.14 334 eP 42 36.00 10.3X
pP 43 01.00 94kmX
FFC 83.65 342 eP 42 28.00 -0.2
1.1s 10.00nm 4.7mb
BPI 85.53 117 e(P) 42 43.50 4.9X
i 43 03.00
SLR 85.92 116 eP 42 49.00 8.5X
EDM 86.24 335 eP 42 41.50 0.3
FRB 87.78 0 eP 42 48.00 -0.2
BUL 88.56 111 eP 43 03.00 9.7X
YKC 93.74 341 ePc 43 16.50 0.5
0.7s 9.00nm 5.3mb
YKA 93.79 341 eP 43 16.80 0.5
WB2 130.41 209 ePKP 49 11.70 0.7
e 49 37.50
WRA 130.42 209 PKPd 49 11.30 0.3X
0.9s 3.40nm
GBA 146.69 103 PKP 49 42.50 2.0X
e 50 09.20
HYB 149.06 97 ePKPd 49 49.50 5.1X
e 50 16.50
NDI 149.61 74 iPKPc 49 51.00 6 1X
MAT 153.59 304 ePKP 50 12.00 21.5X
1.0s 18.00nm
S.D. = 1.0 on 38 of 54 obs

APR 17, 1985 21h 02m 56.60± 0.53s
21.061 S ± 5.8km 66.589 W ± 6.4km
DEPTH = 218.5 ± 5.8 km
4.9mb (18 obs.)
SOUTHERN BOLIVIA (125)

YJA 1.50 138 iPc 03 34.10 1 3
S 03 56.80
CCH 3.68 7 Pc 04 00.60 4 5X
0.4s 10.00nm
S 04 45.00
ANT 4.41 233 iPc+ 04 02.80 -1.9
eS 04 42.50
i 04 48.00
LPB 4.73 342 iPc 04 13.30 4.2X
iS 05 12.00
FSA 5.03 174 iPc 04 12.20 -0.2
ARE 6.52 314 iPc 04 32.00 0.2
iS 05 40.50
CYA 7.39 175 iPc 03 53.80 -48 9X
TCA 10.39 170 ePd 05 16.40 -5.2X
S 07 06.00
ITB1 11.80 110 P 05 45.50 6 0X
MDZ 11.95 189 eP 05 36.70 -4 6X
ITB 12.00 110 P 05 47.60 5 6X
ITB7 12.12 112 P 05 48.70 5.2X
NNA 13.34 311 eP 06 00.00 1 1
0.9s 39.50nm 4.8mb
e 08 21.00
RFA 13.76 187 ePd 05 59.00 -5 0X
BAO 18.45 76 iP 06 59.30 0.7
i 07 01.40
PSO 24.48 333 eP 07 59.50 1 6
BOG 26.56 343 eP 08 13.00 -3.8X
SOB1 27.41 68 eP 08 23.40 -0.7
0.4s 6.50nm 4.7mb
i 08 24.60
GUV 28.89 7 iP 08 33.00 -4 3X
ITR 29.77 70 eP 08 43 40 -1 7
e 08 44.10
SDV 30.02 352 eP 08 47.10 -0 4

17c 21h

0 5s 32.80nm 5.3mb
BIM 35 77 9 eP 09 36.35 -0.2
MVM 35.83 9 eP 09 36.59 -0.5
FDF 35 97 9 eP 09 37.84 -0.4
CRM 36.02 9 eP 09 38.94 0.3
SJG 38.93 1 iPc 10 01.80 -1.2
PRM 56.86 344 eP 12 20.00 -0.7
GFM 58.66 346 P 12 32.80 -0.6
TKL 58.71 344 P 12 32.20 -1.4
JCT 60.38 327 iP 12 45.00 0.0
1.0s 16.00nm 4.7mb
OLY 61.00 337 P 12 48.00 -1.1
LTX 61.54 323 iP 12 52.50 -0.4
1.1s 3.53nm 4.0mb
ELC 61.83 340 P 12 53.00 -1.6
FVM 62.86 339 eP 13 01.00 -0.4
0.6s 14.30nm 4.9mb
LIC 66.19 73 iP 13 21.90 -1.3
KIC 66.50 73 e(P) 13 21.90 -3.4X
ALQ 67.34 325 eP 13 30.50 0.1
0.9s 7.98nm 4.4mb
SPA 69.07 180 iPd 13 40.40 -0.1
0.9s 53.18nm 5.3mb
BDW 74.85 329 eP 14 15.10 0.2
0.8s 1.17nm 3.7mb X
RSON 75.49 343 eP 14 18.80 0.7
SCH 75 57 360 eP 14 19.00 0.6
BMN 77 21 323 P 14 29.70 1.7
VIR 83.25 117 eP 15 00.20 -0.1
0.9s 40.34nm 5.2mb
SEK 83.79 118 iPd 15 02.50 -0.6
0.7s 47.95nm 5.4mb
KSR 84.04 115 iPd 15 04.20 -0.2
1.1s 101.35nm 5.5mb
MAW 84.12 163 iPd 15 03.80 0.1
BPI 84.89 116 iPd 15 04.20 -4.4X
0.7s 63.01nm 5.5mb
EVA 85.64 117 eP 15 12.50 0.2
0.7s 38.36nm 5.3mb
BNG 87.05 84 iPd 15 19.40 0.3
1.0s 23.70nm 5.0mb
BUL 87.55 111 eP 15 22.00 0.4
LFF 89.76 41 eP 15 31.80 0.7
MFF 90.08 39 eP 15 33.20 0.6
0.8s 6.40nm 4.6mb
LPF 90.31 38 eP 15 33.10 -0.5
GRR 90.60 37 eP 15 34.90 0.0
0.7s 6.30nm 4.7mb
MTD 91.41 108 eP 15 41.00 1.4
YKC 91.46 340 eP 15 40.00 1.4
0.6s 5.00nm 4.7mb
YKA 91.51 340 eP 15 40.40 1.6
SSF 92.48 40 eP 15 43.80 0.1
SMF 92.49 41 eP 15 44.30 0.6
0.9s 3.20nm 4.4mb
LBF 92.73 40 eP 15 45.10 0.2
LOR 92 79 40 eP 15 45.20 0.1
MUN 127.19 183 iPdiff 18 05.80 -13.3X
WB2 134.39 208 ePKP 21 34.70 -16.1X
i 21 50.00
WRA 134.39 208 PKPc 21 50.10 -0.7
0 4s 1.80nm
GBA 144.93 96 PKP 22 09.10 -0.8
NOI 146.39 70 ePKP 22 12.00 0.0
HYB 146.93 90 ePKPd 22 14.50 1.3
0.8s 30.80nm
DMN 153.44 70 ePKP 22 30.80 7.8X
0.5s 5.00nm
KKN 153.56 70 ePKP 22 31.00 7.9X
0.5s 13.00nm
PK. 153 71 70 ePKP 22 31.00 7 5X
0 7s 7 00nm
S D = 0 9 on 52 of 70 obs

APR 17, 1985 23h 04m 38.74± 1.08s
42 776 N ± 8 0km 20 257 E ± 8 3km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.8 (TTG).

PVY 0.28 229 iPgd 04 44.10 -0.5
iSg 04 48.70
IVA 0.28 290 iPgc 04 44.80 0.1
iSg 04 49.20
TTG 0.81 245 ePg 04 54.00 -0 5
eSg 05 06.00
PLE 0.84 312 ePg 04 54.50 -0 5

eSg 05 06.50
BDV 1.17 246 ePg 05 01.00 0.5
eSg 05 18.00
BRY 1.27 276 ePg 05 02.50 0.1
eSg 05 22.00
HCY 1.34 256 ePg 05 04.00 0.6
eSg 05 24.20
CLO 2.94 38 ePc 05 26.50 0.1
S.D. = 0.5 on 8 of 8 obs

& APR 17, 1985 23h 25m 05.01s
60.258 N 153.640 W
DEPTH = 174.8km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM 0.42 100 iP 25 28.48 0.9
eS 25 47.18
PDB 0.55 211 iP 25 28.69 -1.0
RDT 0.69 62 iP 25 29 84 -0.7
SPU 1.21 39 eP 25 33.81 -0.4
NKA 1.28 67 eP 25 35.87 1.1
SVW 1.30 312 eP 25 33.95 -1.0
BRLK 1.47 109 eP 25 35.88 -0.7
eS 25 59.23
SLKM 1.72 80 eP 25 38.01 -1.1
SEW 2.10 92 eP 25 42.38 -0.8
MPA 2.14 82 eP 25 42.29 -1.3
PMS 2.23 62 eP 25 43.28 -1.5
eS 26 13.47
PWA 2.31 51 eP 25 45.19 -0.3
GHO 2.75 54 eP 25 48.66 -2.3
eS 26 23.21
MSE 2.77 53 eP 25 48.90 -2.3
KNK 2.79 63 eP 25 49.11 -2.2
eS 26 24.40
SML 3.01 57 eP 25 51.98 -2.1
GLI 3.29 76 eP 25 56.68 -0.8
FID 3.58 79 eP 25 59.47 -1.7
VZW 3.58 74 eP 26 00.41 -0.8
KLU 3.97 68 eP 26 04.72 -1.5
20 obs. associated

APR 18, 1985 00h 06m 32.85± 0.16s
52.144 N ± 3.6km 159.630 E ± 2.8km
DEPTH = 33.0km (normal)
5.7mb (82 obs.) 5.4Msz (18 obs.)
OFF EAST COAST OF KAMCHATKA (219)
Ms 5.4 (BRK). Felt (IV) at
Petropavlovsk-Kamchatskiy.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 26C
Centroid Location:
Origin Time 00:06:39.9 0.3
Lat 52.07N 0.04 Lon 159.85E 0.05
Dep 35.8 2 7 Half-duration 2.9
Moment Tensor; Scale 10**24 D-CM
Mrr= 3 64 0.12 Mtt=-0.40 0 14
Mff=-3.25 0.14 Mrt= 2.08 0.24
Mrf= 2.92 0.31 Mtf=-1.71 0.15
Principal Axes:
T Val= 5.09 Plg=68 Azm=315
N 0.33 6 210
P -5.43 21 118
Best Double Couple:Mo=5.3*10**24
NP1:Strike=196 Dip=24 Slip= 75
NP2: 33 67 97

SMY 8.86 80 P 08 38.30 -3.2X
ADK 14.58 82 P 09 56.00 -2.3
0.8s 51.72nm 5.1mb
SAP 15.29 241 eP 10 14.00 6.3X
eS 13 25 00
TSK 21.10 229 eP 11 15.70 -0.9
MDJ 21.21 261 eP 11 14 40 -3.3X
pP 11 27 00 53kmX
PP 11 38.00
DDR 21.70 230 eP 11 23.40 0.6
MAT 21.74 233 iPc 11 23.00 -0.1
0.7s 366.44nm 5.9mb
eS 15 16.00
KYS 21.92 227 eP 11 31.90 7.0X
SRY 21.98 229 eP 11 25.60 0.1
OYM 22.15 229 eP 11 28 80 1.6
CN2 24.17 263 Pc 11 44.00 -2.8
pP 11 57.50 56kmX

S 15 55.00
TTA 25.59 48 eP 12 00.60 0.3
SHK 26.12 238 ePc 12 05.90 0.6
SNY 26.41 261 iPc 12 06.50 -1.4
pP 12 20.00 55kmX
PPP 12 59.00
S 16 31.00
sS 16 48.00
ScS 23 02.80
IMA 26.94 41 eP 12 12.00 -0.8
PMR 28.82 51 P 12 40.70 11.1X
Z 20s 7.00um 5.3Msz
PME 28.86 51 eP 12 29.50 -0.5
COL 29.30 44 eP 12 33.00 -0.9
Z 18s 8.25um 5.4Msz
eS 17 26.00
FBA 29.30 44 eP 12 33.00 -0.9
DL2 29.37 258 eP 12 32.40 -2.3
S 17 19.00
BJI 32.00 265 eP 12 57.00 -0.9
Z 20s 16.80um 5.7Msz
E 17s 11.90um
eS 17 59.00
TIA 33.84 259 eP 13 12.60 -1.4
HHC 34.36 270 eP 13 16.20 -2.4
INK 34.81 37 eP 13 21.00 -0.9
0.7s 35.00nm 5.4mb
SSE 35.04 248 iP+ 13 24.00 -0.3
Z 25s 3.40um 5.0MszX
N 14s 1.80um
E 14s 4.00um
sP 24 53.00
PP 26 06.00
eS 28 53.00
sS 29 02.00
BTO 35.46 271 Pc 13 27.00 -1.0
NJ2 35.69 252 iPc 13 29.00 -0.8
TIY 35.73 265 P 13 29.00 -1.2
MBC 38.03 23 eP 13 49.00 0.0
0.7s 27.00nm 5.2mb
ANP 39.41 242 eP 14 10.00 8.7X
WHN 39.44 255 Pc 14 00.00 -1.3
pP 14 16.00 64kmX
XAN 40.28 264 Pc 14 06.60 -1.7
eS 20 12.00
QZH 41.21 245 Pc 14 16.00 0.1
LZH 42.05 270 iPc 14 22.50 -0.5
2.0s 283.00nm 5.7mb
N 20s 7.40um
E 19s 6.60um
sP 14 40.00
eS 20 56.00
SS 24 02.00
GTA 42.44 277 iPc 14 25.50 -0.5
pP 14 42.20 67kmX
ScS 24 25.30
ALE 43.91 7 eP 14 37.00 -0.4
0.7s 29.00nm 5.2mb
YKA 44.06 42 eP 14 38.50 -0.2
YKC 44.12 42 ePc 14 39.50 0.3
0.8s 21.00nm 5.0mb
CVP 45.40 235 iPc 14 49.50 -0.4
CD2 45.60 265 eP 14 51.50 0.0
GZH 45.64 249 Pc 14 52.00 0.2
HKC 45.78 247 eP 14 55.00 2.1
SZP 46.23 237 iPc 14 58.00 1.5
GYA 47.02 258 Pc 15 02.00 -0.9
S 21 50.00
ScS 24 52.00
WMQ 47.02 290 iPc 15 01.80 -0.9
KBS 47.79 352 iPc 15 08.50 0.3
MAN 48.36 234 eP 15 15.30 2.1
EDM 49.57 52 iPc 15 21.80 -0.5
1.0s 81.00nm 5.7mb
KMI 50.38 260 Pc+ 15 28.00 -1.0
N 20s 10.90um
pP 15 47.00 76kmX
eS 22 15.50
sS 22 48.00
NEW 50.63 59 eP 15 31.00 0.6
QIZ 50.83 249 iPc 15 34.00 1.8
DAG 51.36 360 iPd 15 34.30 -1.2
0.8s 97.01nm 5.8mb
i 15 44.00
iS 22 52.00
SES 52.43 54 eP 15 44.00 0.0
WDC 52.46 70 eP 15 44.60 0.2

GAS 52.97 71 P 15 48.50 0.3
MIN 53.16 70 eP 15 49.60 -0.1
ORV 53.74 70 eP 15 53.30 -0.4
FFC 53.89 45 eP 15 54.00 -0.7
0.9s 23.00nm 5.2mb
LSA 54.20 274 P 15 57.40 -0.5
BKS 54.43 72 iP 16 00.00 1.2
Z 20s 2.20um 5.2Msz
N 20s 1.40um
E 20s 2.10um
ePP 18 12.00
ePPP 19 49.00
eS 23 40.00
eSS 27 38.00
eLR 32 20.00
TRO 55.20 344 eP 16 02.50 -1.6
BMN 55.61 67 eP 16 08.50 0.9
1.0s 31.25nm 5.3mb
SOD 55.70 340 iP 16 06.20 -1.5
SOD 55.70 340 iP 16 11.20 3.5X
GDH 56.50 14 iPc 16 12.10 -1.3
1.5s 166.67nm 5.8mb
Z 20s 3.55um 5.5Msz
iS 24 05.00
KSH 56.55 293 Pc 16 13.00 -1.4
SHL 56.72 270 iP 16 14.00 -1.8
eS 24 04.00
LOE 56.85 255 eP 16 14.00 -2.6
EUR 56.96 67 iP 16 18.00 0.6
0.2s 36.28nm 6.1mb
CHTO 57.44 259 iPc 16 20.80 0.1
CWC 57.83 71 eP 16 23.00 -0.5
KJF 58.13 337 iP 16 24.00 -1.0
0.8s 161.40nm 6.1mb
eS 24 28.00
eSS 28 48.00
ISA 58.14 72 eP 16 32.00 6.5X
KKM 58.16 234 ePd 16 27.00 1.2
BDW 58.23 60 iP 16 27.50 1.2
1.1s 40.00nm 5.4mb
FRB 58.49 23 eP 16 25.00 -2.5
pP 16 42.00 65kmX
CLC 58.54 71 eP 16 28.00 -0.4
NST 59.15 255 eP 16 33.00 0.4
KKN 59.17 277 iPd 16 31.60 -1.4
SBB 59.20 72 eP 16 33.00 0.1
PKI 59.25 276 iPd 16 32.20 -1.5
GSC 59.37 71 eP 16 34.00 -0.1
PAS 59.37 73 eP 16 23.00 -11.1X
MWC 59.39 73 eP 16 34.00 -0.4
DMN 59 40 277 iPd 16 33.50 -1.2
SUF 59.76 337 iP 16 35.10 -1.3
0.8s 117.30nm 6.1mb
RVR 59.95 72 eP 16 36.00 -2.0
RSSD 60.17 56 iP 16 39.50 -0.2
1.2s 117.24nm 5.9mb
RSON 60.19 44 eP 16 38.30 -1.1
1.1s 29.07nm 5.3mb
Z 22s 1.85um 5.2Msz
TPC 60.65 71 eP 16 42.00 -0.8
PLM 60.71 72 eP 16 34.00 -9.4X
BAR 61.30 73 eP 16 53.00 5.8X
AAI 61.68 216 e(P) 16 49.50 -0.3
NUR 62.04 337 iP 16 50.50 -1.3
1.0s 104.00nm 5.9mb
GLA 62.11 71 eP 16 54.00 1.2
PMG 62.24 194 eP 16 53.00 -0.5
APU 62.49 359 eP 16 55.10 0.4
1.0s 56.00nm 5.6mb
GOL 62.64 60 P 16 56.00 -0.4
Z 22s 2.35um 5.3Msz
GLD 62.68 60 eP 16 58.00 1.4
1.1s 42.43nm 5.5mb
Z 22s 2.20um 5.3Msz
NDI 63.42 283 P 16 58.00 -3.3X
eS 27 06.00
LHC 63.93 44 eP 17 02.00 -2.4
UPP 64.23 340 iP 17 04.60 -1.6
1.0s 500.00nm 6.6mb
i 17 05.70
NB2 64.38 344 P 17 06.00 -1.2
1.0s 86.50nm 5.8mb
HFS 64.77 342 eP 17 08.20 -1.5
0.8s 76.20nm 5.8mb
Z 17s 6.28um 5.9MszX
LR 43 33.00
ALQ 65.51 64 eP 17 14.30 -0.8

1.0s 12.50nm 5.0mb
Z 20s 1 42um 5.2Msz
SNG 65.63 249 eP 17 17 50 1.7
BER 65.94 346 eP 17 17.10 -0.1
Z 18s 4270.00um 8.7MszX
KONO 65.96 344 iP 17 17.10 -0.3
SCM 66.65 27 eP 17 20.00 -1.9
VIS 67.85 271 iP 17 28.00 -1.9
KGM 68.34 243 eP 17 27.00 -5.9X
MUD 69.06 343 iPd 17 37.60 0.8
1.2s 69.00nm 5.6mb
COP 69.16 341 iPc 17 37.20 -0.2
0.7s 104.11nm 6.0mb
Z 22s 4.52um 5.7Msz
iS 26 42.00
OCO 69.92 58 ePc 17 47.70 5.3X
KHI 69.97 300 eP 17 41.40 -1.6
PSI 70.25 248 ePd 17 44.40 -0.2
0.7s 52.70nm 5.7mb
SIO 70.35 57 iPc 17 44.70 -0.4
TUL 70.49 56 iPc 17 45.20 -0.7
1.4s 173.60nm 5.9mb
Z 22s 2.37um 5.4Msz
N 23s 1.85um
E 23s 2.56um
eS 27 00.00
RLO 70.68 56 iPc 17 46.50 -0.6
ELO 70.88 350 ePc 17 47.20 -0.8
0.8s 34.00nm 5.5mb
e 18 03.60
HYB 71.00 274 iPc 17 48.00 -1.3
0.8s 107.70nm 6.0mb
e 18 14.00
EBH 71.08 350 iPc 17 48.50 -0.7
0.8s 40.00nm 5.5mb
i 18 05.10
EAB 71.23 351 iPc 17 49.50 -0.5
0.9s 40.00nm 5.5mb
i 18 06.10
LTX 71.27 66 iP 17 51.00 0.1
1.0s 23.00nm 5.2mb
ESY 71.31 350 ePc 17 49.90 -0.6
e 18 06.40
EDI 71.37 350 ePc 17 50.10 -0.7
1.0s 21.00nm 5.1mb
EAU 71.47 350 iPc 17 51.10 -0.4
1.0s 67.00nm 5.6mb
i 18 07.70
EBL 71.50 350 ePc 17 51.30 -0.4
FVM 71.55 52 eP 17 51.00 -1.2
1.0s 50.00nm 5.5mb
OTT 71.83 38 eP 18 04.00 10.3X
TRT 71.84 230 iPc 17 54.50 0.3
1.1s 133.60nm 5.9mb
EKA 71.94 350 Pc 17 53.90 -0.4
0.8s 24.70nm 5.3mb
ESK 71.96 350 eP 17 54.50 0.1
PPI 72.00 245 eP 17 50.00 -5.2X
BRN 72.06 339 iPc 17 55.50 0.5
BHO 72.15 57 iPc 17 55.50 -0.4
MNT 72.51 36 iPc 17 56.30 -1.5
JCT 72.55 63 eP 17 58.00 -0.4
1.1s 29.75nm 5.2mb
Z 22s 2.04um 5.4Msz
KRA 72.59 334 iPc 17 57.90 -0.3
1.0s 102.00nm 5.8mb
Z 21s 11.80um 6.1Msz
N 21s 7.00um
E 21s 6.00um
i 18 09.10
i 18 16.40
ELC 72.68 51 P 17 58.00 -0.9
IR2 72.79 306 eP 17 59.00 -0.8
KSP 72.80 337 iPc 17 59.00 -0.5
1.0s 68.00nm 5.6mb
IAS 72.88 328 eP 18 00.00 0.1
WIT 72.98 343 ePc 18 02.00 1.6
RSNY 72.99 37 P 18 00.00 -0.7
Z 22s 2.91um 5.5Msz
RSNY 72.99 37 e(P) 18 06.00 5.3X
Z 22s 2.91um 5.5Msz
OLY 73.00 54 P 18 00.00 -0.8
POO 73.03 278 iP 18 04.00 2.7
eS 27 16.00
TAB 73.07 311 eP 18 02 00 0.5
CLL 73.14 339 iPc 18 01 20 -0.2
1.5s 160.00nm 5.8mb

SPC 73.30 334 iPc 18 03.20 0 6
Z 20s 279.00um 7 5MszX
BOM 73.39 279 eP 17 54.00 -9.3X
eS 27 26.00
BMR 73.73 331 ePd 18 00.00 1.1
WTS 73.74 343 ePc 18 05.20 0.4
0.9s 95.00nm 5.8mb
e 18 16.50
JOS 73.84 333 eP 18 05.60 0.1
1.2s 95.20nm 5.7mb
DBN 73.92 344 eP+ 18 07.00 1.1
Z 20s 1.80um 5.4Msz
PRU 74.02 337 Pc 18 06.80 0.3
2.0s 187.50nm 5.7mb
Z 16s 6.20um 6.0MszX
N 23s 2.60um
E 21s 4.30um
e 18 17.00
MOX 74.07 339 iPc 18 07.00 0.2
1.8s 185.00nm 5.8mb
Z 16s 4.10um 5.8MszX
N 23s 2.70um
E 23s 4.80um
eS 27 55.00
HOF 74.32 339 iPc 18 08.20 -0.1
1.6s 190.00nm 5.8mb
NOU 74.37 173 iPc 18 04.50 -4.3X
PSZ 74.55 333 eP 18 10.20 0 5
GBA 74.61 272 P 18 09.30 -1.1
BNS 74.66 342 iPc 18 10.30 0.1
ETA 74.86 351 iPc 18 11.20 -0.1
1.1s 130.00nm 5.8mb
ZST 75.05 335 iPc 18 13.00 0.5
KHC 75.05 338 iPc 18 13.00 0.4
1.1s 100.50nm 5.7mb
N 15s 2.20um
E 16s 1.60um
e 18 21.20
GRF 75.05 339 iPc 18 13.30 0.8
1.7s 250.00nm 5.9mb
Z 23s 3.70um 5.6MszX
ENN 75.08 343 eP 18 12.50 -0.1
1.0s 125.00nm 5.9mb
e 18 19.50
e 18 27.00
SRO 75.08 334 iPc 18 13.20 0.5
WB2 75.10 205 iPc 18 12.70 -0.4
WRA 75.10 205 Pc 18 12.90 -0 2
1.3s 74.20nm 5 5mb
TNS 75.12 341 ePc 18 13.30 0.3
VKA 75.18 336 iPc 18 14.10 0.8
3.0s 448.00nm 5.9mb
Z 18s 4.00um 5.8Msz
i 18 30.30
i 18 41.30
BUD 75.19 334 iPc 18 14.00 0.7
0.9s 61.50nm 5.6mb
WET 75.19 338 iPc 18 13.90 0.5
1.6s 177.00nm 5.8mb
MEM 75.21 343 iP 18 13.60 0.2
ECB 75.24 351 iPc 18 13.20 -0.3
1.2s 172.00nm 5.9mb
UCC 75.32 344 Pc+ 18 14.30 0.3
e 18 31.00
ECP 75.38 351 iPc 18 14.20 -0.1
1.0s 135.00nm 5.9mb
GOA 75.39 276 iP 18 04.50 -10.4X
COZ 75.57 329 ePc 18 16.50 0.7
SOP 75.66 335 iPc 18 16.80 0.8
2.0s 184.30nm 5.7mb
KER 75.70 308 eP 18 17.00 0.4
PSN 75.76 326 iPd 18 16.00 -0 5
RSCP 75.77 50 eP 18 16.50 -0.4
MSL 75.92 312 eP 18 18.00 0.3
eS 28 23.00
KMR 75.92 337 iP+ 18 18.10 0 6
i 19 19.30
VAL 75.94 354 iP 18 18.10 0 6
DOU 75.96 344 P 18 18.10 0 5
1.0s 112.50nm 5 8mb
S 28 23.00
WLF 76.09 343 Pc 18 17.00 -1 4
S 28 23.00
CLO 76.28 330 ePc 18 20.00 0.5
STU 76.35 340 iPc 18 19.90 0 0
1.0s 60.00nm 5.6mb
GWF 76.47 341 iPc 18 20.80 0.2

18d 00h

FUR	76.48	339	iPc	18	21.10	0.4
BHG	76.53	338	iPc	18	21.70	0.8
BUH	76.64	341	ePc	18	21.80	0.2
SHI	76.72	301	eP	18	22.00	-0.5
BLA	76.78	45	eP	18	21.70	-0.9
KBA	77.02	337	iPd	18	24.50	0.6
	0 7s	108.00nm			6.0mb	
			i	18	41.60	
			i(PP)	21	12.20	
CDF	77.08	342	iPc	18	24.50	0.4
	0.9s	63.50nm			5.6mb	
KOD	77.19	270	iP	18	25.00	-0.4
	1 0s	112.00nm			5.8mb	
PVL	77.25	328	iPc	18	14.00	-10.9X
JMB	77.38	326	eP	18	26.00	0.3
SLE	77.45	341	ePd	18	26.70	0.6
HAU	77.65	342	iPc	18	27.60	0.5
	0.9s	57.00nm			5.6mb	
LJU	77.70	336	eP	18	27.40	0.0
			e	18	58.40	
BSF	77.73	342	iPc	18	27.90	0.2
	0.9s	58.80nm			5.6mb	
ISK	77.74	324	iPd	18	27.70	0.0
ZUL	77.75	340	ePd	18	28.70	1.0
OGA	77.76	339	iPc	18	28.50	0.5
	1.1s	90.00nm			5.7mb	
SAX	77.77	340	ePd	18	29.20	1.1
VOY	77.87	336	e(P)	18	28.00	-0.5
BHD	77.88	309	iP	18	29.00	0.4
			eS	28	41.00	
			e	28	58.00	
FLN	78.05	347	iPc	18	29.60	0.3
	1.0s	53.60nm			5.5mb	
YLV	78.07	324	iPc	18	29.30	-0.3
DIM	78.09	327	iPc	18	30.00	0.4
OSS	78.13	339	ePd	18	31.10	1 1
LDF	78.17	346	iPc	18	30.30	0.4
LLS	78.20	340	eP+	18	31.20	0.8
TRI	78.20	336	i(P)d	18	29.20	-0.9
			e(S)	28	21.00	
			e	29	14.00	
			e(SS)	33	40.00	
			e(SSS)	37	34.00	
PLD	78.33	327	eP	18	31.00	0.1
VTS	78.38	329	iP	18	31.00	-0.1
CTI	78.39	338	iPc	18	31.30	-0.1
VDL	78.47	339	eP+	18	33.00	1.1
GRR	78.47	347	iPc	18	32.10	0.5
	1.0s	80.70nm			5.7mb	
PRM	78.51	48	eP	18	32.00	-0.1
KDZ	78.53	327	iPd	18	33.00	1.0
KCT	78.71	324	iPc	18	33.20	0.1
ASPA	78.77	204	iPc	18	34.30	0.8
			eSKS	28	37.00	
			eSS	33	36.00	
EDC	78.81	324	iPc	18	33.00	-0.6
LOR	78.82	343	iPc	18	33.90	0.3
	0.8s	50.30nm			5.6mb	
LPF	78.85	347	iPc	18	34.30	0.7
	1.0s	48.10nm			5.5mb	
RMG	78.87	190	eP	18	35.00	1.1
GRI	78.93	344	iPc	18	34.80	0.7
			i	18	49.90	
SAL	79 07	338	e(P)	18	31.50	-3.4X
LBF	79.07	343	iPc	18	35.20	0.2
	1.0s	32.20nm			5.3mb	
SSF	79.08	344	iPc	18	35.40	0.4
	0.9s	42.50nm			5.4mb	
ALT	79.11	322	ePc	18	35.30	-0 1
MMB	79.12	328	iPc	18	39.00	3.7X
DST	79.18	324	iPc	18	35.30	-0.4
MMK	79.20	340	eP+	18	37.10	1.2
TTK	79.25	324	iPc	18	36.10	0.1
DIX	79.29	341	eP+	18	37.70	1.3
AVF	79.37	344	iPc	18	37.20	0.7
EMS	79.39	341	eP+	18	37.90	1.0
SMF	79.42	343	iPc	18	37.50	0.7
ORO	79.60	340	iPc	18	38.50	0.5
BGF	79.68	344	iPc	18	39.00	0.8
	1.1s	54.00nm			5.5mb	
TTG	79.75	331	e(P)	18	38.30	-0.3
RTB	79.94	312	iPd	18	41.00	1.2
			i	18	56.00	
			iS	28	46.50	
			i	28	58.50	
			i	29	13.00	
			iSP	29	32.00	

TCF	80.05	344	iPc	18	41.10	0.9
	0.9s	38.50nm			5.4mb	
MZF	80.06	344	iPc	18	41.40	1.2
MFF	80.11	346	iPc	18	41.60	1.1
	0.9s	36.00nm			5.4mb	
LSF	80.20	345	iPc	18	41.70	0.7
BCK	80.32	321	iPd	18	40.50	-1.4
PRK	80.35	325	eP	18	40.90	-0.9
PYM	80.43	344	iPc	18	43.50	1.1
FIR	80.63	337	eP	18	44.00	0.8
IZM	80.75	324	iP	18	43.10	-1.0
KZN	80.91	329	eP	18	44.30	-0.6
RJF	81.12	345	iPc	18	47.20	1.3
	1.1s	63.40nm			5.5mb	
ELL	81.21	321	iPc	18	45.90	-0.7
BHL	81.33	316	Pc	18	47.00	-0.2
			S	29	24.00	
CAF	81.40	344	iPc	18	49.00	1.6
CSS	81.40	318	eP	18	48.00	0.5
AOU	81.44	335	eP	18	48.00	0.4
YER	81.49	323	iPc	18	48.50	0.5
MNS	81.59	336	iPc	18	49.00	0.7
LFF	81.60	345	iPc	18	50.00	1.6
	1.1s	105.80nm			5.8mb	
LPO	81.78	345	iPc	18	50.90	1.6
	1.0s	125.60nm			5.9mb	
DUI	81.81	334	eP	18	51.50	2.1
FRF	81.85	341	iPc	18	50.30	0.6
	0.9s	22.70nm			5.2mb	
LRG	82.01	341	eP	18	51.50	1.0
	1.0s	55.80nm			5.5mb	
LMR	82.10	341	iPc	18	51.90	0.9
	1.1s	65.40nm			5.6mb	
ATH	82.37	326	eP	18	52.00	-0.5
SGO	82.61	333	eP	18	54.50	0.9
ORI	82.76	332	eP	18	56.00	1.6
VLS	83.22	329	eP	18	56.60	-0.3
JER	83.35	315	iPc	18	57.00	-0.7
EPF	83.52	345	iPc	18	59.30	0.9
ASI	83.77	315	eP	18	49.50	-10.4X
NPS	84.13	324	eP	19	00.60	-1.0
LGR	84.51	347	iPd	19	05.70	2.3
			ePP	22	39.20	
			eS	29	53.50	
PRNI	84.66	314	eP	19	05.00	0.7
VHO	84.66	69	iP	19	08.00	3.3X
STK	85.15	195	iPd	19	07.60	1.2
ERC	85.70	334	P	19	10.50	1.2
MEK	86.28	216	iPc	19	13.10	0.9
MEK	86.28	216	eP	19	28.00	15.8X
PTO	86.53	351	eP	19	13.50	0.1
			eS	29	48.00	
MTE	87.16	350	ePd	19	17.00	0.4
TOL	87.26	347	iPc	19	17.50	0.5
	1.0s	3.00nm			4.5mb	X
			ePP	22	28.00	
			iS	30	20.00	
			iPS	31	02.00	
			eSS	36	10.00	
ALI	88.22	344	iP-	19	23.00	1.4
			ePS	31	29.00	
CRT	89.84	347	iP	19	29.70	0.3
MAL	90.41	347	iP	19	32.00	0.1
			iS	30	27.00	
KRP	90.76	167	P	19	36.00	2.8
AVE	94.17	349	iP	19	50.00	0.7
BNG	114.68	316	ePKPd	25	28.20	16.6X
	1.0s	7.90nm				
MTD	126.14	291	ePKP	25	34.00	0.5
LPB	128.34	65	PKP	25	38.00	-0.1
CCH	130.11	63	ePKP	25	42.00	0.7
BUL	130.51	291	ePKP	25	59.00	17.2X
			i	29	05.00	
ITR	134.29	25	e(PKP)	25	40.00	-9.0X
SLR	135.02	287	ePKP	25	37.20	-13.0X
	1.2s	39.06nm				
	Z 20s	1.06um			5.6Msz	
EVA	135.12	285	ePKP	25	52.50	2.0
BPI	135.49	287	e(PKP)	25	44.50	-6.7X
KSR	135.93	288	e(PKP)	25	52.00	0.0
BFS	136.77	287	e(PKP)	25	55.10	1.6
SEK	137.33	285	ePKP	25	54 00	-0.6
	0.9s	29.41nm				
VIR	137.60	286	e(PKP)	25	56 00	0.9
	0.6s	13 33nm				
BLF	138.76	285	e(PKP)	25	49.50	-7.7X
VAO	144.46	45	e(PKP)	26	06.00	-1.3

S.D. = 1.0 on 280 of 312 obs.

& APR 18, 1985 02h 35m 40.23s
61.377 N 151.819 W
DEPTH = 98.5km
SOUTHERN ALASKA (2)
<AGS-P>.

CGLM	0.11	233	iP	35	53.68	1.0
CRP	0.20	236	eP	35	54.09	1.1
SPU	0.23	210	iP	35	54.35	1.4
NKA	0.70	156	iP	35	59.04	1.4
RDT	0.86	200	eP	35	59.06	-0.3
			iS	36	12.84	
PMS	1.10	96	iP	36	01.95	0.0
			eS	36	18.82	
SLKM	1.17	137	eP	36	01.96	-0.8
ILM	1.30	203	iP	36	03.52	-0.8
PLRM	1.31	79	eP	36	02.82	-1.6
			eS	36	20.90	
PME	1.36	78	eP	36	03.90	-1.1
MSE	1.44	70	eP	36	04.93	-1.2
			iS	36	24.47	
GHO	1.44	73	iP	36	04.07	-2.1
			iS	36	24.64	
PTE	1.45	110	iP	36	04.81	-1.3
MPA	1.49	126	iP	36	06.06	-0.6
KNK	1.62	87	eP	36	07.41	-0.9
			iS	36	28.19	
BRLK	1.68	164	eP	36	08.22	-0.9
SML	1.72	74	eP	36	07.88	-1.8
SEW	1.73	137	eP	36	08.54	-1.1
			eS	36	29.26	
SVW	1.86	263	eP	36	10.05	-1.4
			eS	36	33.29	
PDB	1.98	217	iP	36	12.27	-0.7
SCM	2.19	76	eP	36	14.02	-1.9
TTV	2.30	96	eP	36	15.27	-1.9
GLI	2.35	100	iP	36	15.45	-2.4
VZW	2.57	95	eP	36	18.40	-2.5
FID	2.67	101	eP	36	19.02	-3.2
TOA	2.78	72	eP	36	22.89	-1.0
KLU	2.84	85	eP	36	22.07	-2.5
	27 obs. associated					

APR 18, 1985 04h 06m 48.07± 0.40s
52.044 N ± 8.9km 159.677 E ± 5.1km
DEPTH = 33.0km (normal)
4.9mb (42 obs.)
OFF EAST COAST OF KAMCHATKA (219)

SMY	8.85	80	P	08	54.00	-2.6
MDJ	21.22	261	eP	11	31.00	-2.0
MAT	21.70	233	eP	11	22.00	-15.9X
			iS	11	40.20	
CN2	24.19	264	Pd	12	01.40	-0.8
TTA	25.64	48	P	12	17.70	1.8
	0.7s	10.90nm			4.6mb	
COL	29.35	44	eP	12	51.00	1.4
INK	34.87	37	ePc	13	37.00	-0.7
M8C	38.11	23	eP	14	05.00	0.1
GTA	42.48	277	P	14	41.30	-0.3
ALE	44.01	7	eP	14	52.50	-0.9
	0.4s	6.00nm			4.7mb	
YKA	44.11	42	eP	14	54.70	0.3
YKC	44.17	42	ePc	14	54.50	-0.4
	0.8s	6.00nm			4.5mb	
GYA	47.03	258	P	15	18.20	0.0
WMO	47.08	290	iPc	15	18.00	-0.4
EDM	49.61	52	iPd	15	38.00	0.2
KMI	50.39	260	eP	15	44.00	-0.3
OIZ	50.82	249	eP	15	50.60	3.3X
DAG	51.46	360	iPd	15	49.80	-1.7
	0.7s	17.12nm			5.1mb	
			i	16	04.00	
FFC	53.94	45	eP	16	10.00	-0.3
	0.8s	4.00nm			4.5mb	
BMN	55.62	67	eP	16	23.50	0.6
	0.8s	2.65nm			4.3mb	
SOD	55.80	340	iP	16	22.00	-1.7
EUR	56.97	67	iP	16	33.20	0.5
	0.4s	3.23nm			4.7mb	
CHTO	57.44	259	iPc	16	36.80	0.9
	0.8s	23.79nm			5.3mb	
KJF	58.24	337	iP	16	40.20	-0.7
	0.6s	44.30nm			5.7mb	
BDW	58.25	60	P	16	42.00	0.3

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      0.9s.    8.12nm          4.8mb
               pP     16 57.00  56kmX
FRB   58.57  23 eP    16 41.00  -2.3
KKN   59.21 277 iP    16 47.70  -0.8
      0.5s    29.00nm          5.7mb
PKI   59.29 276 P     16 48.30  -0.9
      0.8s    34.00nm          5.5mb
DMN   59.45 277 iP    16 49.50  -0.7
      0.7s    52.00nm          5.8mb
SUF   59.87 337 iP    16 50.60  -1.7
      0.6s    25.30nm          5.5mb
RSSD  60.21  56 iP    16 55.30   0.1
      0.9s    13.45nm          5.1mb
RSON  60.24  44 P     16 54.00  -1.0
NUR   62.14 337 iP    17 06.60  -1.1
      1.0s    16.00nm          5.1mb
UPP   64.33 340 iPc   17 21.00  -1.1
      1.0s   100.00nm          5.9mb
NB2   64.48 344 P     17 21.60  -1.5
      0.6s     9.90nm          5.1mb
HFS   64.87 342 eP    17 24.50  -1.1
      0.5s    13.30nm          5.3mb
ALO   65.53  64 eP    17 30.00  -0.5
      1.0s     4.00nm          4.5mb
IPM   67.50 247 ePd   17 44.90   1.9
TUL   70.52  56 e(P)  17 54.50  -6.8X
      1.2s    11.10nm          4.8mb
RLO   70.72  56 eP    18 01.80  -0.7
HYB   71.04 274 eP    18 04.20  -0.5
      0.8s    19.30nm          5.2mb
BHO   72.19  57 eP    18 11.50   0.2
ELC   72.72  51 P     18 13.70  -0.7
CLL   73.24 339 iPc   18 16.50  -0.7
      1.4s    18.00nm          4.9mb
WTS   73.84 343 eP    18 21.00   0.3
      1.0s    11.00nm          4.8mb
PRU   74.12 337 P     18 22.70   0.3
WB2   75.02 205 eP    18 28.20   0.4
KHC   75.15 338 P     18 28.60   0.2
ENN   75.18 343 eP    18 28.50   0.1
      1.0s    20.00nm          5.1mb
                e     18 34.50
                e     18 41.00
MEM   75.32 343 Pc    18 29.20   0.0
DOU   76.06 344 P     18 33.90   0.4
KBA   77.13 337 iPc   18 40.10   0.4
      0.7s    31.70nm          5.5mb
                i     18 44.00
                i     18 56.00
CDF   77.19 342 eP    18 40.10   0.2
      0.8s     6.40nm          4.7mb
HAU   77.75 342 eP    18 43.10   0.2
      0.8s     8.00nm          4.8mb
BSF   77.84 342 eP    18 43.50   0.0
      0.8s     8.40nm          4.8mb
FLN   78.16 347 eP    18 45.20   0.1
      0.8s     5.30nm          4.6mb
LLS   78.31 340 ePd   18 47.00   0.8
VDL   78.57 339 ePd   18 48.80   1.1
GRR   78.58 347 iPc   18 47.70   0.3
      0.8s    10.30nm          4.9mb
LOR   78.92 343 iPc   18 49.60   0.3
      0.8s     9.40nm          4.8mb
LPF   78.95 347 eP    18 49.80   0.4
GRC   79.03 344 iPd   18 50.80   0.9
LBF   79.17 343 eP    18 50.70  -0.1
SSF   79.18 344 iPc   18 51.00   0.3
      0.7s     4.40nm          4.6mb
MMK   79.30 340 ePd   18 53.00   1.3
DIX   79.39 341 ePd   18 53.60   1.4
AVF   79.47 344 eP    18 52.80   0.5
      0.8s    10.80nm          4.9mb
SMF   79.53 343 eP    18 53.10   0.5
      0.8s     7.20nm          4.7mb
TCF   80.15 344 iPc   18 56.60   0.6
      0.8s     5.40nm          4.6mb
MZF   80.16 344 iPc   18 57.00   1.0
      0.6s     6.60nm          4.8mb
MFF   80.22 346 iPc   18 57.00   0.7
LSF   80.30 345 iPc   18 57.40   0.6
      0.8s     6.20nm          4.7mb
RJF   81.22 345 eP    19 02.90   1.3
CAF   81.50 344 iPc   19 04.60   1.5
      0.6s     8.10nm          4.9mb
LFF   81.71 345 eP    19 05.50   1.4
      0.8s     7.40nm          4.8mb
LPO   81.88 345 eP    19 06.40   1.3
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      0.7s    11.00nm          5.0mb
EPF   83.63 345 eP    19 15.00   0.8
      0.7s     8.80nm          5.0mb
   S.D. = 1.0  on  74 of  77 obs.

  APR 18, 1985  05h 52m 52.83± 0.17s
  25.926 N ± 3.5km  102.871 E ± 3.2km
  DEPTH =    5.0km  (geophysicist)
  5.7mb ( 76 obs.)  5.8Msz ( 20 obs.)
 YUNNAN PROVINCE, CHINA           (318)
    Twenty-three people killed, 300
    injured and damage in the
    Luquan-Xundian area.
    CENTROID, MOMENT TENSOR       (HRV)
    Data Used: GDSN
    L.P.B.: 11S, 23C
    Centroid Location:
    Origin Time        05:52:55.7 0.4
    Lat 25.39N 0.05 Lon 102.64E 0.07
    Dep  10.0 FIX Half-duration  3.0
    Moment Tensor; Scale 10**24 D-CM
      Mrr=-0.93 0.17  Mtt=-0.65 0.21
      Mff= 1.58 0.30  Mrt=-0.59 0.49
      Mrf=-2.49 0.62  Mtf=-4.00 0.16
     Principal Axes:
      T  Val=  5.09   Plg=16   Azm= 57
      N       -0.31       56       172
      P       -4.78       29       317
    Best Double Couple:Mo=4.9*10**24
     NP1:Strike=100 Dip=57 Slip=-170
     NP2:          5      82       -33

KMI    0.81 188 iPgc+ 53 06.00  -3.1
                Sg    53 15.50
GYA    3.45  80 Pnc   53 49.60   1.2
                Pg    54 01.00
                Sg    54 47.00
CD2    5.03   9 iPnc  54 13.40   2.7
                Sn    55 12.00
CHG    7.96 208 iPn   54 53.20   1.2
                iPg   55 23.00
                iSg   56 28.00
LOE    8.54 187 eP    54 58.50  -1.7
BDT    9.36 203 ePn   55 12.30   0.9
                eSg   57 17.00
OIZ    9.41 135 P     55 08.80  -3.4X
XAN    9.64  32 Pc    55 13.60  -1.6
                Lg    57 50.00
                e     58 09.00
SHL    9.91 270 iP    55 17.00  -2.2
                iS    57 07.00
GZH    9.95 104 Pc    55 18.00  -1.5
                S     57 03.20
                Lg    57 51.40
LZH   10.16   4 eP    55 24.00   1.4
                i     56 09.00
                S     57 13.00
                Lg    58 12.50
                e     58 27.50
MCO   10.48 109 eP    55 28.20   1.4
AGT   10.74 262 eP    55 30.00  -0.4
HKC   10.93 107 eP    55 33.00   0.0
                eS    57 39.00
LSA   11.03 293 eP    55 33.00  -1.9
WHN   11.12  63 Pc    55 34.00  -1.5
                iS    57 35.60
                iLg   58 38.00
                i     58 54.00
CAL   13.66 259 iP    56 11.00   1.4
                eS    58 41.00
GTA   13.69 350 P     56 09.70  -0.4
                i     56 22.20
                S     58 44.60
                Lg    00 17.40
OZH   14.24  91 eP    56 15.50  -1.8
                eS    58 58.00
                Lg    00 41.50
TIY   14.28  32 eP    56 16.40  -1.4
NJ2   15.25  63 Pc    56 28.50  -2.0
BOK   15.63 266 P     56 33.00  -2.5
                eS    00 51.00
PKI   15.69 280 eP    56 33.70  -2.9X
BTO   15.80  20 iPc   56 35.50  -2.2
                S     59 36.00
KKN   15.81 281 eP    56 35.30  -2.8X
TIA   15.93  47 Pc    56 39.20  -0.1
                S     59 32.00
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DMN   15.96 280 eP    56 37.20  -2.8X
HHC   16.54  24 P     56 46.20  -1.0
ANP   16.84  88 eP+   56 56.00   4.9X
                eS    00 05.00
SSE   16.90  68 iPc   56 50.00  -1.6
    N  10s    35.10um
                sP    56 59.00
                eS    59 56.00
                SS    00 12.00
BJI   17.93  35 P     57 06.50   2.0
                eS    00 23.00
                eLg   02 40.00
SNG   18.77 187 iPd+  57 17.00   2.0
      2.5s  1111.11nm          5.6mb
    Z  18s    20.96um          4.7Msz
    N  18s    24.74um
    E  20s    68.09um
                i     03 14.00
BAG   19.02 116 ePd-  57 20.00   1.8
                eS    00 57.00
VIS   19.90 250 iP    57 24.00  -4.2X
MAN   20.40 120 eP    57 36.00   2.6
DL2   20.40  46 Pc    57 33.00  -0.3
                S     01 14.00
IPM   21.30 185 iPd   57 44.10   1.3
      0.9s    79.60nm          5.1mb
BSI   21.56 201 ePc   57 45.60   0.2
WMQ   21.70 329 eP    57 46.50  -0.2
                PPP   58 24.50
                S     01 46.50
NGO   22.52  83 eP    58 11.00  16.2X
                e     05 32.00
NDI   22.95 283 eP    57 58.00  -1.1
                iS    02 04.00
SNY   23.30  42 iPc   59 02.50   0.1
                PPP   58 43.50
                S     02 08.50
PSI   23.41 190 ePd   58 04.50   0.9
      1.0s   298.40nm          5.8mb
SEO   23.48  55 iPc+  58 05.90   1.7
      1.2s   937.50nm          6.2mb
    Z  18s    49.48um          6.0Msz
                iS    02 24.00
KKM   23.53 145 ePd   58 00.30  -4.6X
KGM   23.78 179 ePc   58 09.50   2.3
      1.0s   121.90nm          5.4mb
HYB   24.10 254 ePc   58 09.50  -0.9
      1.0s   185.00nm          5.7mb
NGS   24.46  68 eP    58 15.00   1.3
                eS    02 47.00
SAG   24.90  66 eP    58 20.00   2.0
MVI   25.50  84 eP    58 26.00   2.2
                eS    03 05.00
CN2   25.58  40 Pc    58 23.00  -1.4
                PP    59 00.00
OIT   25.99  67 eP    58 29.00   0.8
                eS    03 11.00
KSH   26.23 308 eP    58 33.00   2.4
PPI   26.34 186 eP    58 30.50  -1.1
GBA   26.83 248 P     58 34.40  -1.7
SHK   27.07  64 eP    58 37.20  -1.0
POO   27.81 261 iP    58 48.00   2.9X
                iS    03 30.00
MDJ   28.50  42 eP    58 51.50   0.4
                PP    59 44.00
                PPP   59 57.00
                eS    03 37.00
BOM   28.61 262 eP    58 50.00  -2.2
                iS    04 03.00
DAV   28.63 127 eP    58 50.00  -2.4
                eS    03 46.00
GOA   29.03 255 eP    58 47.10  -9.0X
TRD   30.13 239 eP    59 03.10  -2.9X
MAT   31.86  62 iPd   59 20.00  -1.0
      0.8s   121.64nm          5.9mb
    Z  20s    18.97um          5.8Msz
                eS    04 32.00
OYM   32.53  64 eP    59 24.70  -2.3
DDR   32.56  63 eP    59 28.00   0.7
SRY   32.58  64 eP    59 25.10  -2.2
TSK   33.33  63 eP    59 25.10  -8.7X
SAP   35.65  51 eP    59 55.00   1.3
                eS    05 44.00
AAI   38.32 136 ePd   00 17.60   1.2
      0.5s    42.00nm          5.4mb
KHI   38.91 293 iPd   00 20.80  -0.7
GUA   41.27  99 e(P)  00 30.80 -10.1X
```

18d 06h

	Z	21s		4.44um			5.3Msz	SRO		67.74	314	eP	03	51.00	-2.5	WTS		73.56	320	eP	04	28.50	-0.1
SHI		44 42	287	eP	01	05.00	-1.7	KSP		68.26	317	eP	03	56.50	-0.2			0.9s		100.00nm			5.9mb
KER		48.44	294	eP	01	40.00	1.6	KSP		68.26	317	iP	03	59.50	2.8X					id	04	31.90	
KNA		48.49	146	eP	01	36.00	-2.6			1.0s		80.00nm			5.9mb	BNS		73.72	319	eP	04	32.50	3.0X
TAB		48.79	299	eP	01	42.00	0.9	STK		68.34	145	eP	03	58.00	0.7	YOU		73.81	142	iPc	04	33.40	3.1X
MBL		49.62	159	eP	01	46.00	-1.3	RMO		68.35	136	eP	03	58.00	0.4	VDL		73.89	314	ePd	04	30.80	-0.1
NAU		49.71	165	eP	01	50.00	2.0	NB2		68.46	328	P	03	55.50	-2.3	BUH		73.90	317	eP	04	30.50	-0.2
BHD		50.82	293	iP	02	01.50	5.1X			1.0s		73.50nm			5.8mb	SLE		74.06	316	ePd	04	31.50	-0.1
				iS	09	10.00		SOP		68.92	314	eP	04	02.20	1.4	LLS		74.06	315	eP+	04	31.40	-0.5
				eScS	11	51.00		BRW		68.94	20	eP	04	00.00	-0.6	GWF		74.17	317	eP	04	32.00	-0.2
MSL		51.45	297	eP	02	15.00	13.8X	NAI		69.17	258	eP	04	03.50	0.4	ENN		74.53	319	eP	04	33.50	-0.7
				eS	09	18.00				0.5s		22.54nm			5.6mb			0.9s		67.00nm			5.7mb
				eScS	11	52.00		COP		69.24	323	eP	04	02.00	-0.6					i	04	36.90	
RTB		54.23	293	iPc	02	21.50	-0.4			0.7s		79.45nm			6.0mb	MEM		74.54	319	P	04	37.10	2.8
				eS	09	46.00			Z	22s		6.11um			5.8Msz	COL		74.57	25	iP	04	34.30	0.1
				eSP	09	56.00		ADE		69.42	149	iPd	04	06.50	2.5			1.2s		182.03nm			6.0mb
				ePS	10	00.00				1.0s		124.00nm			6.0mb		Z	18s		7.56um			6.0Msz
				e	10	43.00		PRU		69.57	316	P	04	05.80	1.0	CDF		74.59	317	eP	04	33.70	-1.1
WRA		54 89	143	Pd	02	24.80	-2.1			1.2s		54.50nm			5.6mb			0.9s		62.20nm			5.6mb
		1.3s		194.30nm			6.0mb	KONO		69.61	327	eP	04	06.00	1.2	MBC		74.78	10	eP	04	35.00	-0.2
WB2		54.90	143	iPd	02	25.00	-1.9	BRG		69.69	318	eP	04	06.50	1.0			0.7s		37.00nm			5.5mb
PMG		55.56	123	eP	02	31.00	-0.8			1.2s		63.00nm			5.6mb	TOO		74.78	146	eP	04	37.00	1.2
LMG		56.00	122	eP	02	34.50	-0.6		Z	20s		6.00um			5.8Msz	WLF		74.81	318	P	04	36.50	0.7
ASPA		57.73	146	iPd	02	45.80	-1.4		N	20s		5.50um								S	14	20.00	
				eS	10	52.00			E	20s		4.50um				CAN		74.92	142	eP	04	37.80	1.1
BHL		57.90	295	P	02	40.50	-7.9X					i	04	08.00		MMK		75 02	314	ePd	04	37.50	0.0
				S	10	48.50						eS	13	20.00		BSF		75.10	316	eP	04	36.60	-1.2
ADI		58.42	294	eP	02	53.50	1.6					eP'P'	32	12.90				0.8s		58.20nm			5.7mb
SMY		58.58	42	P	02	55.70	3.0X	AVY		69.69	236	eP	04	04.80	-1.4	ORO		75.17	314	iPd	04	39.00	0.8
		0.8s		96.55nm			5.9mb	BRN		69.70	319	eP	04	08.00	2.5	HAU		75.32	316	eP	04	37.60	-1.3
JER		58.72	293	eP	02	54.50	0.4	CLL		70.13	318	iPd	04	08.30	0.1			0.8s		34.90nm			5.5mb
PRNI		59.22	291	eP	02	59.00	1.4			1.2s		83.00nm			5.7mb	DIX		75.37	314	ePd	04	39.50	0.0
NWAO		60.10	166	eP	03	02.00	-1.4					eS	13	23.00		UCC		75.44	320	Pc	04	42.00	2.6
KJF		60.53	331	iP	03	04.50	-1.6	KHC		70.42	316	P	04	10.00	0.0	WAM		75.51	143	iPc	04	43.30	3.3X
		0.8s		95.30nm			6.0mb			1.0s		35.00nm			5.4mb	DOU		75.57	319	P	04	42.40	2.2
				i	03	07.00			N	16s		3.00um								S	14	21.00	
SOD		61 06	335	iP	03	08.00	-1 7		E	19s		2.70um				PME		75.62	28	eP	04	39.50	-0.8
				i	03	11.00						S	13	24.00		CVF		75.72	310	iPc	04	40.50	-0.8
SUF		61.23	329	iP	03	09.00	-1.9	BRT		70.42	307	e(P)	04	12.00	1.9	FRF		76.84	312	iPc	04	46.60	-0.9
		0.6s		9.80nm			5 1mb	LJU		70.72	312	eP	04	14.20	2.3			0.8s		46.70nm			5.6mb
ALT		61.27	302	eP	03	10.80	-0.8	MUD		70.77	324	iP	04	11.90	0.0	LMR		77.02	312	eP	04	47.80	-0.7
YLV		61.54	304	iP	03	14.30	0.9			0.7s		56.00nm			5.8mb			0.9s		78.60nm			5.8mb
CFP		61.62	309	eP	03	15.00	1.3	WET		70.85	316	iPc	04	13.80	1.2	ESY		77.05	326	eP	04	47.40	-1.0
ELL		61.90	299	iP	03	13.90	-2.1	HOF		71 11	317	iPc	04	14.10	-0.1					i	04	50.70	
NUR		62.04	327	iP	03	14.90	-1.4					i	04	16.40		LRG		77.08	312	eP	04	48.20	-0.6
		0.9s		47.30nm			5.7mb	VOY		71.15	313	eP	04	16.30	1.7			0.8s		50.30nm			5.7mb
	Z	22s		7.60um			5.8Msz	MOX		71.17	318	eP	04	15.00	0.5	LOR		77.15	316	eP	04	47.80	-1.4
				i	03	18.00				1.5s		84.00nm			5.6mb			0.8s		42.90nm			5.6mb
				LR	32	00.00			Z	19s		4.80um			5.8Msz	LBF		77.20	316	eP	04	48.30	-1.2
CTA		62.18	133	iPd	03	16.70	-1.1		N	20s		6.10um				EBL		77.34	326	eP	04	49.30	-0.7
		0.8s		94.40nm			6.1mb		E	20s		3.40um						0.8s		59.00nm			5.7mb
VRI		62.50	310	iPd	03	20.00	0.4					e	04	17.50						i	04	52.60	
ISR		62.75	309	eP	03	20.00	-1.4					eSS	18	32.00		EDI		77.34	326	ePc	04	49.20	-0.8
YER		63.09	300	eP	03	22.10	-1.6	KBA		71.19	314	iPc	04	14.20	-0.7			0.7s		46.00nm			5.7mb
MLR		63.11	310	iPc	03	23.00	-0.8			0.8s		40.50nm			5.6mb					i	04	52.40	
JMB		63.23	306	eP	03	25.00	0.5					i	04	16.80		ELO		77.34	327	eP	04	49.00	-1.0
BUC1		63.26	309	ePc	03	28.00	3.4X					i	04	28.50				0.7s		45.00nm			5.7mb
CGN		63.31	308	eP	03	27.00	2.0					i	04	42.60						i	04	52.40	
IZM		63.59	302	eP	03	20.10	-6.9X	ORI		71.23	306	e(P)	04	14.50	-0.5	EBH		77.35	327	eP	04	49.20	-0.9
TRO		63.86	337	eP	03	26.50	-1 7	BHG		71.29	315	eP	04	15.00	-0.3			0.7s		37.00nm			5.6mb
DIM		64.04	306	eP	03	31.00	1.2	TRI		71.33	312	iPd	04	17 50	1 9					i	04	52.40	
PVL		64.11	307	iPd	03	29.00	-1.2					iS	13	34.00		INK		77.40	19	eP	04	49.00	-1.1
COZ		64.25	310	eP	03	20.00	-11 4X					iSS	18	40.00				1.3s		185.00nm			6.0mb
ADK		64.29	43	P	03	32.00	0.7					iSSS	21	56.00		SMF		77.42	316	iPc	04	49.80	-0.9
		1.0s		35.00nm			5.5mb	ALE		71.56	358	eP	04	15.50	-0.8	SSF		77.46	316	eP	04	49.80	-1.1
KDZ		64.30	306	iP	03	31.00	-0.6			1.2s		38.00nm			5.4mb	EAU		77.51	326	iPc	04	50.40	-0.5
BMR		64.36	313	ePd	03	35.00	3.2X	DAG		71.68	348	iPc	04	14.70	-2.4					i	04	53.70	
PLD		64 67	306	iPd	03	36 00	2.1			0.6s		6.67nm			4.9mb	EKA		77.60	326	Pd	04	50.50	-0.9
CLO		65.36	310	ePd	03	40.00	1 6	IMA		71.85	25	eP	04	18.00	-0.5			0.8s		39.00nm			5.6mb
MMB		65 49	306	iPc	03	40 00	0.7	TTA		72.10	28	eP	04	19.50	-0.5	ESK		77.63	326	eP	04	45.00	-6.6X
UPP		65 60	326	iP	03	37 90	-1 7	DUI		72.14	308	eP	04	23.00	2.5			1.0s		80.00nm			5.8mb
		1 0s		300 00nm			6.5mb	FUR		72.17	315	eP	04	21.20	0.6	GRC		77.63	317	iPc	04	51.70	-0.1
				i	03	41.40						i	04	23.40						i	04	54.50	
VTS		65.64	307	iP	03	40.00	-0.1	CTI		72.62	313	iPd	04	23.00	-0.4	AVF		77.67	316	eP	04	51.20	-0.8
SPC		66.17	315	iP	03	47.70	4.0X	AQU		72.66	309	eP	04	26.00	2.4	EAB		77.79	327	eP	04	51.20	-1.2
				e	06	17.60		OGA		72.76	314	eP	04	22.70	-1.6			0.8s		19.00nm			5.3mb
KRA		66.18	316	ePc	03	45.20	1.7	BFD		73.02	148	eP	04	26.00	0.4					e	04	54.90	
		1.0s		72.00nm			5.8mb	MNS		73.15	309	eP	04	28.50	2.1	PLDF		77.84	315	ePc	04	54.20	1.1
	Z	18s		2.80um			5.5Msz	COO		73.19	137	eP	04	28.00	1.2					id	04	57.50	
	N	18s		3.20um						1.0s		75.00nm			5.7mb	NOU		78.06	122	iPc	04	58.00	3.5X
	E	18s		3 20um				TNS		73.22	318	ePd	04	29.50	2.7X	BGF		78.08	316	eP	04	53.40	-0.9
				i	03	54.20		STU		73.27	316	ePc	04	29.00	2.0			0.9s		41.50nm			5.5mb
				eS	12	33.00				1.0s		90.00nm			5.8mb	AKU		78.23	339	iP	04	55.60	0.9
HFS		67 48	327	eP	03	49.90	-1 8		Z	20s		4.26um			5.7Msz			1.4s		83.72nm			5.6mb
		1.0s		96.80nm			6.0mb	WIT		73.35	321	eP	04	29.50	2.2	PYM		78.32	315	ePc	04	57.00	1.3
	Z	18s		6.60um			5.9Msz	OSS		73.39	314	eP+	04	27 50	-0.4					id	05	00.00	
				LR	31	13.00		SAL		73.51	313	iPd	04	31.00	2.6	MZF		78.39	316	eP	04	55.60	-0.4

TCF 78.59 316 eP 04 56.60 -0.6
LDF 79.00 319 eP 04 58.70 -0.6
LSF 79.04 316 eP 04 58.50 -1.1
0.9s 34.80nm 5.4mb
FLN 79.14 319 eP 04 59.40 -0.6
0.9s 30.70nm 5.3mb
CAF 79.28 315 iPc 05 00.70 -0.2
TET 79.29 246 eP 05 02.00 0.7
ipP 05 09.00 22kmX
RJF 79.46 315 eP 05 01.90 0.0
GRR 79.53 319 eP 05 01.70 -0.5
0.8s 61.90nm 5.6mb
LPF 79.80 319 eP 05 03.20 -0.4
0.8s 53.20nm 5.6mb
MFF 79.92 317 eP 05 03.60 -0.7
0.8s 38.60nm 5.4mb
LPO 79.94 315 eP 05 04.30 -0.2
0.7s 49.30nm 5.6mb
LFF 80.12 315 eP 05 05.30 -0.1
0.8s 50.70nm 5.5mb
ETA 80.45 324 iPc 05 09.30 2.3
1.5s 320.00nm 6.1mb
PNL 80.68 27 eP 05 09.50 1.4
ECP 80.80 324 iPc 05 11.20 2.4
1.1s 155.00nm 5.9mb
ECB 80.92 324 iPc 05 12.10 2.6
1.1s 155.00nm 5.9mb
EPF 81.23 314 eP 05 10.20 -1.2
0.7s 19.80nm 5.3mb
MTD 81.26 247 eP 05 10.00 -1.9
ipP 05 16.00 19kmX
KRI 82.92 248 eP 05 17.00 -3.6X
ipP 05 23.00 19kmX
VAL 82.96 325 iP 05 23.00 3.0X
BNG 82.98 272 iPd 05 22.70 1.7
1.2s 105.50nm 5.9mb
LGR 83.35 314 iPd 05 26.50 4.1X
ePP 08 26.50
GDH 83.56 352 iPc 05 25.00 2.1
0.9s 50.42nm 5.7mb
Z 19s 6.94um 6.1Msz
e 08 36.00
BUL 85.37 245 iPc 05 33.00 0.0
ipP 05 39.00 19kmX
iS 16 07.00
TOL 85.64 312 iPd 05 37.50 3.6X
1.2s 3.00nm 4.3mb X
eS 15 55.00
ePS 16 58.00
iSS 22 22.00
eSSS 25 45.00
ALM 86.06 309 iPd 05 39.30 3.3X
0.9s 4.60nm 4.6mb X
iPP 09 04.80
iS 16 15.90
CRT 86.68 310 iPd 05 42.00 2.8X
YKA 86.94 16 eP 05 40.10 0.2
YKC 86.99 16 ePc 05 40.50 0.4
1.3s 68.00nm 5.7mb
TAF 87.03 307 iPd 05 45.00 4.1X
i 05 58.00
MAL 87.48 310 eP 05 44.50 1.6
iS 16 15.00
MTE 87.65 314 ePd 05 47.50 3.7X
PTO 87.94 315 ePKP 05 48.20 3.2X
PRL 88.12 313 eP 05 49.00 2.9X
EVA 88.15 239 iPd 05 47.50 1.0
1.0s 40.00nm 5.7mb
SLR 88.39 240 iPc 05 45.00 -2.6
BPI 88.81 240 e(P) 05 46.50 -3.1X
1.2s 50.00nm 5.7mb
KSR 89.54 241 eP 05 53.80 0.7
MTH 89.54 314 ePd 05 56.50 3.7X
SEK 90.17 238 eP 05 55.20 -0.8
1.2s 46.88nm 5.6mb
FRB 90.38 356 eP 05 57.00 0.9
VIR 90.64 239 eP 06 00.50 2.4
1.0s 30.00nm 5.5mb
AVE 91.37 308 iP 06 04.20 2.9X
i 06 22.00
GRM 93.39 235 e(P) 06 07.20 -3.3X
1.0s 50.00nm 5.9mb
Z 18s 1.89um 5.6Msz
EDM 95.13 21 ePd 06 19.20 0.8
WIN 96.00 248 eP 06 08.00 -14.9X
1.5s 63.89nm
FFC 96.88 14 eP 06 26.00 -0.3

1.3s 29.00nm 5.7mb
NEW 97.90 26 P 06 30.00 -1.0
1.0s 6.25nm 5.2mb
RSON 102.16 11 Pdiff 07 00.00 10.1X
Z 20s 2.49um 5.7Msz
BMN 104.18 30 Pdiff 07 01.00 1.7
BDW 105.39 24 Pdiff 07 10.00 5.3X
EUR 105.51 30 iPKP 11 26.20 7.2X
0.8s 3.24nm
RSSD 106.06 20 Pdiff 07 10.00 2.3
MSU 107.98 28 PKP 11 27.00 3.3X
GOL 109.60 23 PKP 11 30.00 3.2X
Z 18s 2.38um 5.8Msz
TPC 109.79 34 ePKP 11 43.00 16.0X
RSNY 109.83 358 PKP 11 30.00 3.3X
Z 20s 2.82um 5.8Msz
BAR 110.61 35 ePKP 11 46.00 17.4X
GLA 111.25 33 ePKP 11 28.00 -1.8
ALQ 113.39 26 e(Pdif 07 45.00 4.5X
ALQ 113.39 26 ePKP 11 37.00 3.0X
Z 18s 2.61um 5.9Msz
SPA 115.77 180 e(PKP) 11 39.50 2.0
RLO 115.97 16 iPKPc 11 41.00 2.3X
TUL 116.02 17 iPKPc 11 41.20 2.4X
0.8s 14.20nm
Z 20s 0.42um 5.0Msz
e 12 42.00
SIO 116.04 17 ePKPc 11 41.70 2.9X
BHO 117.71 17 ePKPc 11 44.70 2.7X
LTX 119.44 27 iPKP 11 48.00 2.4
1.0s 12.00nm
JCT 119.86 23 ePKP 11 46.00 -0.3
Z 18s 3.09um 6.0Msz
ITR 139.50 288 ePKP 12 18.70 -5.4X
e 12 25.20
e 12 30.60
CAR 142.45 343 ePKP 12 33.20 3.7X
0.7s 35.62nm
TOV 143.79 348 ePKP 12 31.40 -0.3
SDV 144.83 349 e(PKP) 12 31.50 -2.1
SDV 144.83 349 iPKPd 12 31.80 -1.8
0.7s 71.40nm
UAV 145.18 350 ePKP 12 33.60 -0.6
0.8s 63.10nm
UPA 145.22 4 ePKP 12 32.00 -2.0
1.3s 153.85nm
Z 20s 1.52um 5.8Msz
BMG 146.96 353 ePKP 12 38.00 0.9
BOG 149.49 354 ePKP 12 44.00 2.6X
BAO 150.96 285 iPKP 12 47.20 4.0X
i 12 50.00
PSO 153.04 0 ePKP 12 47.50 0.8
LPB 167.43 316 PKP 13 04.00 1.9
TCA 167.74 241 ePKPd 13 04.00 2.5X
YJA 168.74 287 e(PKP) 13 03.00 0.1
ARE 169.22 330 ePKP 13 07.00 3.9X
MDZ 169.99 224 ePKP 13 06.10 3.3X
S.D. = 1.4 on 239 of 304 obs.

• APR 18, 1985 06h 14m 42.15± 0.70s
25.820 N ± 8.6km 102.875 E ±11.2km
DEPTH = 5.0km (geophysicist)
4.5mb (3 obs.)
YUNNAN PROVINCE, CHINA (318)

KMI 0.70 190 ePg 14 57.00 0.7
Sg 15 06.00
GYA 3.46 79 Pn 15 39.80 1.8
Pg 15 52.20
Sg 16 38.40
CD2 5.13 9 iPnc 16 03.20 1.7
QIZ 9.34 135 eP 16 59.00 -1.4
XAN 9.72 31 P 17 03.20 -2.6
GZH 9.92 104 P 17 08.00 -0.4
eS 18 53.00
WHN 11.16 62 P 17 25.30 -0.2
eS 19 23.00
BJI 18.02 35 eP 18 57.50 2.6
IPM 21.19 185 ePd 19 31.00 0.0
e 20 08.70
GBA 26.79 248 Pc 20 27.20 2.1
0.3s 2.90nm 4.5mb
WRA 54.81 143 Pc 24 15.70 0.1
0.8s 3.10nm 4.4mb
WB2 54.81 143 eP 24 15.70 0.1
NB2 68.55 328 P 25 45.00 -2.7
0.9s 2.80nm 4.5mb

MBC 74.88 10 eP 26 25.00 -0.2
INK 77.50 19 eP 26 39.00 -1.0
MTD 81.22 247 eP 27 03.00 2.0
BUL 85.33 245 iPd 27 19.00 -3.1
YKA 87.05 16 eP 27 30.10 0.4
S.D. = 1.8 on 18 of 18 obs.

APR 18, 1985 06h 16m 51.25± 1.18s
56.255 N ± 6.4km 156.678 W ± 6.5km
DEPTH = 23.4 ± 7.2 km
4.5mb (13 obs.)
ALASKA PENINSULA (192)

KDC 2.74 55 P 17 35.00 0 4
SVW 4.90 6 eP 18 07.60 2 3
PMR 6.62 33 P 18 28.50 -1 1
PME 6.68 33 eP 18 29.40 -1.0
TTA 6.71 3 eP 18 32.50 1.7
TOA 7.96 38 eP 18 48.00 -0.4
COL 9.70 23 eP 19 11.00 -1.3
FBA 9.70 23 eP 19 10.50 -1.8
IMA 9.95 7 eP 19 17.30 1.3
ADK 12.52 258 P 19 50.00 -0.7
INK 16.04 32 eP 20 37.00 0.5
YKA 21.99 56 eP 21 44.50 -0.4
YKC 22.05 56 eP 21 44.50 -1.0
MBC 24.23 21 eP 22 08.00 1.3
EDM 24.89 79 iPd 22 13.60 0.3
0.7s 30.00nm 5.0mb
NEW 25.20 92 P 22 17.50 1.2
1.0s 6.88nm 4.2mb
8MN 30.12 105 iP 23 02.00 0.7
1.0s 2.25nm 4.0mb
BDW 32.74 94 eP 23 24.00 -0.3
1.0s 2.40nm 4.1mb
RSSD 34.96 88 eP 23 43.50 0.0
RSON 36.63 71 P 23 57.00 -0.2
ALQ 39.96 101 P 24 25.00 -0.5
FRB 41.30 42 eP 24 36.00 0.2
DAG 44.60 13 iPc 25 02.00 -0.6
0.6s 9.33nm 4.9mb
LTX 45.76 103 iP 25 13.00 0.5
0.9s 3.42nm 4.3mb
SOD 56.67 358 eP 26 34.00 -0.3
KJF 59.83 358 eP 26 56.00 -0.4
SUF 61.34 359 eP 27 06.00 -0.7
NB2 62.66 7 P 27 14.80 -0.9
0.7s 3.20nm 4.6mb
NUR 63.58 359 iP 27 21.00 -0.6
0.8s 11.70nm 5.1mb
HFS 63.71 5 eP 27 21.20 -1.3
0.5s 2.30nm 4.6mb
Z 18s 6.60um 5.9MszX
LR 31 22.00
LOR 75.57 14 eP 28 35.40 0.2
SSF 75.72 14 eP 28 36.40 0.3
0.4s 2.50nm 4.6mb
LBF 75.86 14 eP 28 36.50 -0.4
AVF 75.97 14 eP 28 37.60 0 1
0.5s 1.90nm 4.4mb
LSF 76.24 15 eP 28 39.10 0 1
TCF 76.30 15 eP 28 39.60 0 2
MZF 76.43 15 eP 28 41.20 1 1
0.6s 2.00nm 4.3mb
LFF 77.40 16 eP 28 46.10 0 6
0.5s 5.30nm 4.8mb
LPO 77.72 16 eP 28 47.70 0.5
SPA 146.08 180 ePKP 36 28.80 0.3
1.0s 10.50nm
S.D. = 0.9 on 40 of 40 obs.

• APR 18, 1985 06h 33m 40.97± 0.94s
4.999 S ±10.7km 152.992 E ± 7.6km
DEPTH = 59.1 ± 10.3 km
5.0mb (3 obs.)
NEW BRITAIN REGION (192)

RAB 1.15 314 iPc 34 02.00 0 9
BGA 2.46 118 eP 34 18.00 -1 5
eS 34 59.00
PAA 2.80 118 eP 34 25.00 0 6
eS 35 05.00
LMG 6.18 231 eP 35 10.50 -1 4
PMG 7.26 233 eP 35 28.00 1 1
VSG 7.89 123 eP 35 40.00 4 4X
HNR 8.18 123 e(P) 35 45.00 5 4X
NOU 21.58 144 iPc 38 27.50 -0 1

18d 06h

WB2	23.45	229	eP	38	46.80	0.8
			ePcP	42	36.10	
			eS	42	56.50	
KNA	26.08	244	eP	39	10.00	-1.0
MEK	39.28	233	eP	41	06.00	0.1
NAU	40.20	241	eP	41	13.00	-0.5
TCW	40.78	155	P	41	20.00	2.0
CHTO	58.24	296	eP	43	18.00	-14.1X
PKI	72.70	301	eP	45	04.70	-0.6
	0.6s		7.00nm			4.8mb
KKN	72.87	301	eP	45	05.80	-0.4
	0.5s		14.00nm			5.1mb
DMN	72.97	301	eP	45	06.70	-0.1
	0.5s		10.00nm			5.0mb
	S.D. = 1.1		on 14 of 17 obs.			

* APR 18, 1985 06h 46m 06.44± 1.04s
25.777 N ± 8.2km 102.873 E ±15.9km
DEPTH = 5.0km (geophysicist)
4.3mb (1 obs.)
YUNNAN PROVINCE, CHINA (318)

KMI	0.66	190	Pg+	46	20.00	0.3
			Sg	46	30.50	
GYA	3.48	78	Pn	47	03.00	0.6
			Pg	47	15.60	
CD2	5.17	8	Pn	47	27.00	0.6
QIZ	9.31	135	eP	48	23.20	-1.1
XAN	9.76	31	eP	48	26.00	-4.6X
WRA	54.77	143	P	55	41.00	1.4
	0.6s		1.80nm			4.3mb
WB2	54.78	143	eP	55	39.50	-0.2
INK	77.54	18	eP	58	03.00	-1.5
YKA	87.09	16	eP	59	00.00	5 8X
	S.D. = 1.2		on 7 of 9 obs.			

APR 18, 1985 09h 39m 45.04± 0.95s
0.011 S ± 3.7km 126.794 E ± 5.5km
DEPTH = 71.1 ± 9.3 km
5 3mb (17 obs.)
MOLUCCA SEA (269)

AAI	3.91	159	ePd	40	45.00	1.0
			eS	41	19.80	
DAV	7.16	350	eP	41	24.00	-5.2X
CGP	8.67	346	eP	41	48.00	-2.1
KKM	12.15	300	ePc	42	38.80	1.5
	0.7s		56.90nm			5.6mb
MAN	15.63	339	eP	43	23.30	0.7
KNA	15.76	173	iPd	43	22.80	-1.4
TRT	16.05	241	iPd	43	34.00	6.1X
BAG	17.43	340	eP	43	45.00	-0.3
			eS	47	01.50	
WRA	21.14	160	Pd	44	25.10	-1.2
	0.6s		63.00nm			5.1mb
WB2	21.15	160	iPd	44	25.10	-1.3
			eS	48	14.70	
MBL	22.09	198	eP	44	36.00	0.3
GUMO	22.43	52	eP	44	38.90	-0.1
			eS	49	08.50	
PJG	22.43	52	eP	44	38.50	-0.6
GUA	22.44	52	eP	44	38.90	-0.2
	0.8s		185.07nm			5.6mb
KGM	23.56	275	eP	44	48.00	-2.0
ISO	24.06	150	eP	44	56.00	1.0
ASPA	24.51	164	iPd	44	59.00	-0.2
			i	45	00.00	
			iS	49	12.00	
			e	49	19.00	
			eScS	55	53.00	
NAU	24.95	205	iPd	45	03.50	0.1
	0.5s		54.00nm			5.2mb
QIZ	25.19	320	eP	45	05.90	0.2
			eS	49	34.00	
IPM	26.14	280	ePc	45	15.00	0.4
	0.8s		62 00nm			5.2mb
PPI	26.46	269	eP	45	17.10	0.2
GZH	26.42	331	eP	45	17.00	0.0
SNG	27.07	286	eP	45	27 00	4.0X
CTA	27.59	137	iPc	45	29.00	1.3
	1.2s		9.38nm			4.3mb X
MEK	27.62	196	iPc	45	27.30	-0 6
SSE	31.39	351	e(P)	46	01.80	0.4
			e	51	08.00	
BDT	32.29	303	eP	46	09.40	0 0
	0.8s		31.10nm			5.2mb
KLB	32.55	194	eP	46	11.00	-0.6
WHN	32.61	340	Pd	46	13.60	1.6
GYA	32.69	325	P	46	13.20	0.2
NJ2	32.76	347	eP	46	14.30	1.0
CHTO	33.13	306	iPc	46	16.50	-0.2
	0.8s		10.98nm			4.8mb
MUN	33.33	197	iPd	46	17.80	-0.6
NWAO	33.96	194	eP	46	23.00	-0.7
VSG	34.03	107	eP	46	23.00	-1.7
KMI	34.14	319	eP	46	27.00	1.3
STK	34.65	158	eP	46	29.00	-0.7
ADE	36.51	163	iPc	46	46.10	0.6
TIA	37.14	347	eP	46	51.00	0.3
CD2	37.73	327	eP	46	55.60	-0.2
XAN	37.79	335	Pc	46	56.00	-0.2
YOU	39.64	151	eP	47	12.30	0.7
TIY	39.81	342	eP	47	13.50	0.5
CAN	40.78	152	eP	47	22.10	1.1
			i	47	39.00	
BJI	41.02	348	eP	47	24.00	1.2
WAM	41.44	153	eP	47	28.00	1.7
			i	47	44.40	
SNY	41.75	356	iPc	47	28.70	0.0
LZH	41.77	332	eP	47	30.50	1.2
	1.5s		115.00nm			5.5mb
HHC	42.96	343	Pc	47	40.20	1.4
CN2	43.64	359	Pc	47	43.00	-1.1
			pP	47	52.40	31kmX
MDJ	44.50	3	Pc	47	51.00	-0.1
LSA	45.01	314	P	47	57.30	1.3
GTA	46.35	331	iPc	48	07.40	1.4
			PcP	49	41.10	
PKI	48.24	308	iPc	48	21.00	-0.3
	0.5s		28.00nm			5.5mb
KKN	48.45	308	iPc	48	22.70	0.0
DMN	48.50	308	iPc	48	23.40	0.2
	0.6s		40.00nm			5.6mb
KOD	50.10	283	eP	48	35.00	-0.7
HYB	50 52	293	eP	48	38.00	-0.5
	0.8s		46.20nm			5.6mb
GBA	50.71	288	P	48	39.00	-0.9
POO	55.13	293	iPd	49	13.50	0.7
	1.0s		80.00nm			5.7mb
NDI	55.27	306	eP	49	12.00	-1.6
WMO	55.83	327	iPc	49	18.00	0.5
QUE	64.22	304	eP	50	15.40	0.1
SHI	76.35	300	eP	51	29.00	0.1
IR2	78.56	306	eP	51	41.00	0.1
SPA	89.99	180	e(P)	52	39.50	1.7
INK	93.61	22	ePc	52	53.20	-1.0
SOD	93.93	338	eP	52	54.00	-1.7
KJF	93.97	334	eP	52	56.00	0.0
SUF	94.89	333	iP	52	58.40	-1.8
	0.4s		3.10nm			5.1mb
MBC	95.56	13	eP	53	03.00	-0.2
	0.7s		7.00nm			5.3mb
NUR	95 98	331	eP	53	04.00	-1.3
DAG	100.96	352	iPdiff	53	26.00	-1.4
	0.6s		4.00nm			5.2mb
HFS	101.33	332	ePdiff	53	27.90	-1.5
	0.7s		2.40nm			5.0mb
NB2	102.14	333	Pdiff	53	31.30	-1.7
	0.7s		4.10nm			5.3mb
ALQ	119.45	49	ePKP	58	28.70	-0.1
	1.0s		5.00nm			
LHC	122.59	28	ePKP	58	34.00	0.0
LIC	131.53	278	ePKP	58	53.10	0.8
TCA	147.01	162	ePKPd	59	21.90	2.1
YJA	154.91	152	ePKP	59	34.20	2.0
	S.D. = 1.0		on 77 of 80 obs.			

* APR 18, 1985 12h 02m 03.21± 0.82s
33.947 S ± 9.8km 72.415 W ± 7.7km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.83	91	iPc	02	18.00	-0.5
TACH	1.26	77	iPd	02	24.00	-0.7
PEL	1 65	61	iP	02	30.50	0.2
FCH	1.88	71	eP	02	33.60	-0.3
JACH	1.98	51	eP	02	34.00	-1.2
MDZ	3.16	71	eP	02	56.40	4.5X
			eS	03	44 40	
RFA	3.37	105	ePc	02	56.30	1 4
			S	03	53 70	
RTCV	3.87	59	eP	03	07 30	5.4X
RTCB	3.91	52	ePd	03	03.30	0.7
			S	04	02.20	
CFA	4.22	58	ePc	03	07.50	0.6
RTLL	4.23	53	eP	03	02.80	-4.2X
TCA	7.09	71	e(P)	03	44.00	-3.4X
			S	05	07.00	
CYA	7.89	48	e(P)	03	06.50	-52.0X
YJA	13.22	29	e(P)	05	10.80	-0.8
ARE	17.43	3	eP	06	07.50	1.7
LPB	17.77	14	P	06	12.00	1.9
BAO	28.58	56	e(P)	07	53.10	-5.5X
SOB1	38.00	57	e(P)	09	31.00	10.9X
ITR	40.06	59	eP	09	35.60	-1.6
			e	09	43.20	
SPA	56.23	180	e(P)	11	43.40	1.0
BHO	71.16	341	eP	13	20.20	-0.2
TUL	72.85	340	eP	13	29.40	-1.1
	0.8s		7.50nm			4.7mb
RLO	72.88	341	e(P)	13	30.00	-0.7
ALQ	75.58	332	eP	13	46.00	-0.6
	1.0s		5.25nm			4.5mb
GBA	145.98	119	PKP	21	41.00	0.2X
	S.D. = 1.1		on 17 of 25 obs.			

* APR 18, 1985 14h 11m 14.72± 2.32s
5.533 N ±12.0km 93.981 E ±14.3km
DEPTH = 74.4 ± 24.4 km
4.3mb (4 obs.)
OFF W COAST OF NORTHERN SUMATERA(705)

SNG	6.79	76	eP	12	53.00	-0.9
			i	14	05.00	
IPM	7.08	97	ePd	13	00.50	2.6
			i	13	09.00	
			i	14	13.10	
PPI	8.74	133	eP	13	19.00	-1.7
LOE	14.03	32	eP	14	36.00	4.6X
CHTO	14.06	20	eP	14	31.50	-0.3
HYB	19.16	309	eP	15	34.50	-0.8
	1.0s		20.00nm			4.3mb
QIZ	20.47	48	eP	15	49.20	0.4
PKI	23.39	341	eP	16	18.70	0.7
	0.5s		5.00nm			4.2mb
KKN	23.63	340	eP	16	21.80	1.5
	0.5s		4.00nm			4.1mb
GYA	24.08	29	Pc	16	25.40	0.9
CD2	26.87	19	P	16	49.40	-1.0
XAN	31.57	24	Pc	17	30.60	-1.8
WB2	47.08	124	eP	19	41.70	0.4
CN2	47.09	31	eP	19	40.40	-0.6
BNG	75.11	273	ePd	22	51.80	0.6
	1.0s		7.90nm			4.6mb
	S.D. = 1.4		on 14 of 15 obs.			

APR 18, 1985 14h 41m 51.98± 0.47s
43.307 N ± 4.6km 17.322 E ± 3.8km
DEPTH = 7.6 ± 3.9 km
4.5mb (4 obs.)
YUGOSLAVIA (383)
ML 4.3 (KBA), 4.2 (VKA). Felt (VI) in the Mostar-Split area. Also felt strongly in other parts of southwestern Yugoslavio.

BRY	0.98	114	iPgc	42	08.50	-2.5
			iSg	42	23.00	
HCY	1.22	134	iPg	42	13.50	-1.4
			eSg	42	31.70	
BDV	1.51	132	ePg	42	19.00	-0.4
			eSg	42	41.50	
PLE	1.51	88	ePg	42	19.00	-0.5
			iSg	42	41.00	
TTG	1.67	121	ePg	42	21.50	-0.2
			iSg	42	45.50	
PVY	2.07	109	ePn	42	29.80	2.2
			eSn	42	59.50	
BRT	2.43	182	ePn	42	32.50	-0.1
			eSn	42	58.50	
			eSg	43	08.50	
DUI	2.68	233	ePn	42	39.00	2.8X
			eSn	43	06.80	
LCI	3.01	171	ePn	42	41.50	0.7
			eSn	43	18.00	
AQU	3.04	253	ePn	42	46.00	4.7X
			eSn	43	20.00	
			eSg	43	42.50	
SGO	3.13	209	ePn	42	42.50	0.0

			eSn	43	22.00					e	45	27.00			MIN	1.28	14	iPc	30	11.20	-2.3
CEY	3.19	321	iPn	42	45.70	2.2		CLL	8.53	341	e(P)	44	31.00	32.4X	WDC	1.53	345	iPc	30	13.10	-3.9
			i	42	50.30						e	45	54.00		PCC	1.63	190	eP	30	16.10	-2.2
			eSn	43	26.30						e	46	28.00		JAS1	1.71	133	iPc	30	19.00	-0.7
			eSg	43	44.20			BSF	8.66	305	Pn	43	58.50	-2.1				iS	30	43.60	
ORI	3.32	192	ePn	42	45.50	0.2					Sn	45	37.00		WCN	1.76	83	eP	30	21.30	0.7
			eSn	43	34.50			CDF	8.67	310	Pn	43	58.40	-2.3	MHC	1.78	170	eP	30	18.80	-2.0
LJU	3.38	325	iPnc	42	48.10	1.9		HAU	9.01	305	Pn	44	02.80	-2.5	ARN	1.79	168	eP	30	18.90	-1.9
			iSn	43	29.60						Sn	45	43.60		SLD	2.12	163	eP	30	24.20	-1.3
			iSg	43	50.70			SMF	10.12	294	Pn	44	18.10	-2.6	MNA	3.09	101	eP	30	40.20	0.8
TRI	3.50	315	iPnc	42	48.90	1.1					Sn	46	10.40		BMN	3.92	69	eP	30	49.50	-1.8
			iPb	42	56.10			LBF	10.12	296	Pn	44	17.20	-3.5X	EUR	4.70	83	iP	31	03.50	1.0
			iPg	42	58.40						Sn	46	10.20			0.2s		10.05nm			
			iSn	43	31.90			MEM	10.63	317	P	44	33.00	5.5X	FFC	20.66	34	eP	34	28.00	-3.8
			i	43	43.50			DOU	11.06	312	P	44	34.90	1.5		0.6s		3.00nm			3.8mb
			iSg	43	50.10			APO	17.38	354	(P)	45	52.70	-3.5X		17 obs. associated					
			i	43	56.00				1.1s		8.00nm			3.8mb							
MNS	3.54	257	ePn	42	50.50	2.2		EKA	17.89	319	Pc	46	08.20	5.6X	• APR 18, 1985 16h 34m 41.13± 0.61s						
			eSn	43	24.00				1.2s		6.30nm			3.6mb	39.783 N ±10.1km 44.799 E ±12.4km						
VOY	3.66	319	iPnc	42	51.80	1.6		NB2	18.14	350	P	46	07.40	1.7	DEPTH = 33.0km (normal)						
			i	43	01.70				0.7s		1.60nm			3.3mb X	4.5mb (3 obs.)						
			i(Sn)	43	36.80			SUF	20.12	12	eP	46	31.00	2.1	N.W. IRAN-USSR BORDER REGION (344)						
			i	43	51.30			KJF	21.76	12	eP	46	45.00	-0.6							
CLO	4.32	64	ePd	42	58.00	-1.5		XAN	68.66	63	eP	52	48.40	-9.6X	TAB	2.09	145	iPd-	35	15.40	0.8
SOP	4.41	353	ePn	42	59.00	-1.7		CHTO	71.35	82	eP	52	58.00	-16.5X	MSL	3.64	201	eP	35	38.00	1.5
FIR	4.43	278	ePn	43	08.00	6.9X		WB2	122.95	87	ePdiff	57	22.80	1.4				iSn	36	31.00	
			eSn	43	59.00				S.D. = 1.4		on 60 of 76 obs.							iS•	36	42.00	
GRG	4.45	120	ePn	43	01.70	0.4												iSg	36	55.00	
SRO	4.56	8	ePn	43	04.90	2.1		• APR 18, 1985 14h 50m 27.53± 0.93s							KER	5.73	160	eP	36	20.00	13.8X
			e(Sn)	44	18.00			25.767 N ± 6.5km 102.893 E ±11.8km							IR2	6.35	128	eP	36	15.00	0.1
			e	44	34.00			DEPTH = 5.0km (geophysicist)							BHD	6.50	183	eP	36	43.00	26.0X
KNT	4.66	115	ePn	43	05.90	1.5		4.4mb (1 obs.)										e	37	30.00	
KBA	4.70	325	iPnc	43	06.20	1.1		YUNNAN PROVINCE, CHINA (318)										e	38	10.50	
			i(Sn)	44	03.80													i	38	40.50	
			iSg	44	32.60			KMI	0.66	192	iPgd	50	41.00	0.3				e	39	47.00	
CTI	4.89	306	iPnc	43	08.00	0.4					Sg	50	50.00		RTB	7.59	210	eP	36	40.00	7.8X
			iSn	44	05.50			GYA	3.46	78	Pn	51	24.40	1.1				e	36	56.50	
ZST	4.89	358	ePn	43	07.00	-0.6					Pg	51	35.00					i	38	35.00	
			e(Pg)	43	31.00						Sg	52	20.40					i	38	35.50	
			e(Sn)	44	02.00			CD2	5.18	8	Pn	51	47.80	0.2				i	39	51.00	
			e(Sg)	44	36.00			QIZ	9.29	135	eP	52	44.40	-0.7	SPC	19.81	306	eP	39	16.70	4.9X
PSZ	4.95	20	eP	43	06.50	-2.0		GZH	9.89	103	eP	52	53.00	-0.4	QUE	20.47	111	eP	39	24.30	5.4X
VKA	5.01	352	iPnc	43	10.00	0.8					e(S)	54	39.70		KSP	22.75	309	eP	39	42.50	1.1
			iPg	43	28.70			BTO	15.94	20	eP	54	13.60	-0.6	KHC	24.02	303	Pd	39	53.90	0.1
			iSn	44	05.00			CN2	25.69	40	eP	56	04.00	3.9X	NUR	24.24	335	eP	39	59.00	3.3X
MMB	5.04	108	eP	43	11.00	1.2		WRA	54.75	143	Pd	00	03.60	3.0X	CLL	24.87	308	eP	40	02.00	0.1
SRS	5.14	113	ePn	43	11.50	0.3			1.0s		4.00nm			4.4mb	SUF	25.57	340	eP	40	08.00	-0.4
SAL	5.38	298	ePn	43	14.50	0.0		WB2	54.76	143	eP	00	00.70	0.1	KJF	26.44	343	eP	40	20.00	3.6X
			eSn	44	14.50			YKA	87.09	16	eP	03	20.70	5.4X	GBA	38.75	123	Pd	42	03.20	-0.9
BHG	5.41	326	iPc	43	16.40	1.5			S.D. = 0.8		on 7 of 10 obs.					0.7s		3.20nm			4.2mb
	1.0s		208.00nm			5.7mb X									BNG	42.44	221	iPd	42	31.60	-2.9
OGA	5.70	311	iPnc	43	18.90	-0.4		? APR 18, 1985 15h 58m 53.81± 7.95s								1.0s		11.90nm			4.6mb
PVL	5.74	89	eP	43	21.00	1.4		40.035 N ±28.9km 30.213 E ±58.2km							FRB	64.21	333	eP	45	14.00	-0.5
OUR	5.79	119	ePn	43	19.80	-0.5		DEPTH = 10.0km (geophysicist)							YKA	76.73	350	eP	46	31.30	1.6
PAIG	5.84	123	ePn	43	20.00	-0.9		TURKEY (366)							FFC	81.65	341	eP	46	57.00	0.0
OSS	6.11	306	ePd	43	25.90	1.0										0.6s		3.00nm			4.5mb
KDZ	6.17	103	iP	43	35.00	9.4X		YLV	0.83	310	iPg	59	09.90	-0.1		S.D. = 1.3		on 12 of 19 obs.			
DIM	6.22	99	eP	43	36.00	9.7X					iSg	59	14.40								
SPC	6.22	18	e(P)	43	50.70	24.2X		ALT	0.98	185	ePn	59	34.30	21.8X	• APR 18, 1985 20h 56m 51.25± 0.56s						
CVF	6.25	266	Pn	43	27.40	0.6		ISK	1.35	320	iPg	59	18.60	-0.1	52.216 N ± 9.9km 159.674 E ±12.0km						
KHC	6.38	337	iPnd	43	28.60	0.0					iSg	59	28.90		DEPTH = 33.0km (normal)						
			e	44	39.00			KCT	1.44	279	iPg	59	19.50	-0.4	4.7mb (20 obs.)						
			e	44	43.50						iSg	59	31.50		OFF EAST COAST OF KAMCHATKA (219)						
VDL	6.42	302	eP+	43	30.60	1.2		CTT	1.75	310	iPg	59	24.80	0.3							
FUR	6.44	321	eP	43	29.60	0.1					iSg	59	37.90		MAT	21.80	233	iPd	01	43.30	1.2
LLS	6.88	304	eP+	43	37.10	1.2		BNT	1.79	281	iPn	59	25.80	0.9		0.8s		29.85nm			4.8mb
PRU	6.95	345	ePn	43	37.50	0.9		EDC	1.83	281	ePn	59	25.00	-0.5				eS	06	52.00	
			Sg	45	07.00			DMK	2.58	315	ePn	59	36.10	-0.2	INK	34.73	37	ePc	03	39.30	-0.4
GRC1	6.97	327	eP	43	36.20	-0.7			S.D. = 0.6		on 7 of 8 obs.				MBC	37.95	23	eP	04	07.00	0.2
	0.9s		27.00nm			5.4mb									YKA	43.99	42	eP	04	57.20	0.7
KRA	6.99	14	eP	44	34.70	57.6X		& APR 18, 1985 16h 29m 49.60s							DAG	51.28	360	iPc	05	51.80	-1.5
ORO	7.07	292	ePn	43	36.50	-2.0		39.102 N 122.012 W								0.7s		10.27nm			4.9mb
			eSn	44	58.50			DEPTH = 10.0km (geophysicist)										i	06	06.00	
KSP	7.57	355	eP	43	00.00	-45.3X		3.8mb (1 obs.)							FFC	53.82	45	eP	06	12.00	-0.6
DIX	7.59	295	ePd	43	46.10	0.3		NORTHERN CALIFORNIA (36)							SOD	55.64	340	eP	06	25.00	-0.7
SLE	7.63	309	ePd	43	45.50	-0.7		<BRK>. ML 3.7 (BRK).							CHTO	57.48	259	iPc	06	39.00	-0.3
FRF	7.78	276	Pn	43	47.80	-0.4		Mo=2.0•10••22 (BRK). Felt (V) at								0.6s		8 42nm			5.0mb
			Sn	45	16.60			Arbuckle, (IV) at College City,							KJF	58.08	337	iP	06	42.10	-0.9
LMR	7.89	274	Pn	43	49.80	0.1		(III) at Grimes and (II) at								0.7s		25.40nm			5.4mb
			Sn	45	20.80			Williams.							FRB	58.42	23	eP	06	44.00	-1.4
EMS	7.90	294	ePd	43	50.50	0.3									SUF	59.71	337	iP	06	53.20	-1.2
BRG	7.91	344	e(P)	44	11.00	21.0X		ORV	0.60	41	iPd	30	01.15	-0.6		0.7s		17.20nm			5.3mb
HOF	7.94	334	eP	43	49.00	-1.5		GAS	0.78	316	eP	30	03.20	-1.6	NUR	61.99	337	iP	07	08.90	-0.9
LRG	7.99	275	Pn	43	50.70	-0.4		NWRM	0.94	227	eP	30	06 00	-1.5		0.8s		13.20nm			5.1mb
BUH	8.30	313	eP	43	53.60	-1.9		ZSP	1.17	190	iPd	30	10.20	-1.3	UPP	64.17	340	iP	07	23.20	-1.0
MOX	8.31	334	ePn	43	54.00	-1.6		BKS	1.24	188	iPd	30	10.60	-2.0	NB2	64.31	344	P	07	24.70	-0.6
	1.4s		26.00nm			5.3mb					iS	30	28.00			0.6s		5.40nm			4.8mb

18d 21h

HFS	64.71	342	eP	07 26.80	-0.9
	0.5s	9.70nm			5.2mb
HYB	71.02	274	eP	08 06.70	-1.1
EKA	71.88	350	P	08 12.00	-0.3
	1.0s	3 70nm			4.3mb
WIT	72.92	343	eP	08 22.00	3.5X
CLL	73.08	339	eP	08 19.00	-0.5
	1.2s	10.00nm			4.7mb
WTS	73.68	343	eP	08 23.50	0.6
	0.8s	6.00nm			4.6mb
GBA	74.63	272	P	08 28.30	-0.7
ENN	75.02	343	eP	08 30.50	-0.2
	1.0s	9.00nm			4.7mb
MEM	75.15	343	P	08 33.50	2.1
WB2	75.17	205	eP	08 31.00	-0.9
WRA	75.18	205	Pd	08 31.40	-0.5
	1.1s	5.00nm			4.4mb
DOU	75.90	344	P	08 36.40	0.7
KBA	76.97	337	iPc	08 42.60	0.6
	0.7s	15.40nm			5.1mb
CDF	77.02	342	eP	08 42.40	0.2
HAU	77.59	342	eP	08 45.20	0.0
BSF	77.67	342	eP	08 45.70	-0.1
LOR	78.75	343	eP	08 51.90	0.3
	0.7s	4.40nm			4.6mb
SSF	79.02	344	eP	08 53.40	0.4
	0.7s	2.20nm			4.3mb
AVF	79.31	344	eP	08 55.10	0.5
	0.8s	4.90nm			4.6mb
SMF	79.36	343	eP	08 55.50	0.6
TCF	79.99	344	eP	08 58.80	0.5
MZF	79.99	344	eP	08 59.20	0.9
	0.7s	2.40nm			4.3mb
CAF	81.33	344	eP	09 06.80	1.4
	0.8s	6.70nm			4.7mb
LFF	81.54	345	eP	09 07.70	1.3
LPO	81.71	345	eP	09 08.60	1.2
EPF	83.46	345	eP	09 17.90	1.4
	0.7s	3 30nm			4.6mb
	S.D. = 0.9	on	39 of	40 obs	

& APR 18, 1985 21h 26m 04.10s
32.810 N 116.100 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 3.1 (PAS).

IKP	0.16	182	iPc	26 07.60	0.1
			iSd	26 10.30	
GLA	1.10	77	eP	26 23.00	-2.1
SDW	1.97	336	eP	26 39.00	0.5
	3 obs. associated				

• APR 18, 1985 22h 09m 37.02± 0.64s
17.391 S ±14.6km 66.227 E ± 9.7km
DEPTH = 10.0km (geophysicist)
4.7mb (3 obs.)
MASCARENE ISLANDS REGION (427)

NAI	33.06	296	eP	16 10.00	-5.4X
MTD	33.09	266	eP	16 16.00	0.5
BUL	35.67	260	eP	16 44.00	6.2X
CHTO	48.26	43	eP	18 21.00	0.6
DMN	48.33	23	eP	18 28.00	6.9X
PKI	48.41	23	eP	18 21.50	-0.3
KKN	48.56	23	eP	18 23.00	0.2
	0 7s	7.00nm			4.8mb
BNG	51.82	290	iPd	18 47.30	-0.4
	0.9s	6.90nm			4.6mb
IP2	54.73	345	(P)	19 15.00	6.0X
GYA	58 68	43	P	19 37.60	0.3
CD2	60.07	37	eP	19 47.00	0.2
WMQ	64.01	17	eP	20 13.00	0.0
WRA	64.18	104	P	20 15.00	0.4
	0 8s	4.80nm			4 7mb
WB2	64.19	104	eP	20 14.00	-0.6
XAN	65 34	38	eP	20 21.00	-0.8
	S.D. = 0.5	on	11 of	15 obs.	

APR 18, 1985 23h 17m 05.55± 0.51s
43.077 N ± 6.8km 0.650 W ± 4.0km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)

ATE	0.04	284	iPg	17 07.54	-0 1
			eSg	17 08.95	
ESCF	0.06	88	iPg	17 07.70	-0.1
			eSg	17 09.32	
ISSF	0.12	245	iPg	17 08.72	0.1
			eSg	17 11.10	
MADF	0.14	296	iPg	17 08.92	0.1
			eSg	17 11.10	
OGE	0.16	55	iPg	17 09.13	-0.1
LHE	0.17	173	iPg	17 09.29	-0.1
JAU	0.21	101	iPg	17 10.14	-0.1
			eSg	17 13.52	
EPF	0.73	93	Pg	17 20.20	0.3
			Sg	17 29.10	
	S.D. = 0.2	on	8 of	8 obs.	

APR 19, 1985 00h 08m 56.82± 0.84s
40.847 N ± 6.0km 23.640 E ± 7.4km
DEPTH = 11.8 ± 6.8 km
GREECE (364)

SOH	0.22	263	iPgd	09 01.90	0.2
			eSg	09 05.50	
SRS	0.27	352	iPgd	09 02.70	0.0
THE	0.56	247	ePgd	09 08.00	0.0
			iSg	09 15.70	
OUR	0.57	153	ePgd	09 08.50	0.2
			eSg	09 19.10	
KNT	0.64	299	ePg	09 09.30	-0.2
			eSg	09 19.10	
PAIG	0.92	178	ePg	09 14.00	-0.2
GRG	0.95	277	ePg	09 14.80	0.1
			eSg	09 28.70	
	S.D. = 0.2	on	7 of	7 obs.	

& APR 19, 1985 02h 16m 49.37s
61.159 N 152.351 W
DEPTH = 115.4km
SOUTHERN ALASKA (2)
<AGS-P>.

CRP	0.14	41	eP	17 05.37	1.3
SPU	0.15	81	iP	17 04.94	1.0
			iS	17 17.68	
CGLM	0.22	48	iP	17 05.08	0.9
RDT	0.59	183	eP	17 07.04	-0.7
NKA	0.69	127	eP	17 09.65	1.3
ILM	1.01	193	iP	17 10.95	-0.5
SLKM	1.23	121	eP	17 12.89	-0.9
			jS	17 31.19	
PWA	1.29	66	iP	17 14.16	-0.2
			eS	17 32.50	
PMS	1.35	85	eP	17 14.20	-1.0
			iS	17 33.72	
BRLK	1.58	152	eP	17 16.90	-0.9
SVW	1.59	270	eP	17 16.80	-1.2
MPA	1.61	113	iP	17 17.00	-1.2
			eS	17 38.69	
PTE	1.65	99	eP	17 16.64	-2.0
			eS	17 37.99	
PDB	1.65	214	iP	17 18.15	-0.5
PME	1.67	72	eP	17 16.93	-1.9
			eS	17 38.73	
GHO	1.76	68	eP	17 18.14	-2.0
MSE	1.76	66	eP	17 18.42	-1.8
SEW	1.78	125	eP	17 18.67	-1.6
KNK	1.90	81	eP	17 19.67	-2.1
SML	2.03	70	eP	17 21.30	-2.3
TTV	2.54	90	eP	17 27.58	-2.5
GLI	2.57	94	eP	17 27.06	-3.5
VZW	2.82	90	eP	17 30.78	-3.0
FID	2.89	96	eP	17 30.55	-4.2
TOA	3.10	69	eP	17 36.24	-1.4
KLU	3.12	81	eP	17 34.96	-2.9
	26 obs. associated				

• APR 19, 1985 02h 46m 40.21± 0.86s
46.410 N ± 7.6km 13.661 E ±11.5km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 1.8 (KBA).

VOY	0.41	157	iPgd	46 48.30	-0.4
			iSg	46 55.80	
KBA	0.70	342	ePg	46 52.50	-1.7
			id	46 54.50	
			iSg	47 01.20	
			i	47 01.70	
TRI	0.71	174	iPgc	46 53.30	-0.8
			iSg	47 05.00	
LJU	0.71	121	iPg	46 54.80	0.6
			iSg	57 06.50	
CEY	0.86	141	e(Pg)	47 01.90	5.2X
			eSg	47 12.70	
CTI	1.44	256	ePg	47 07.50	1.0
			eSg	47 29.00	
KHC	2.72	359	Pg	47 26.00	1.2
			Sg	48 04.20	
	S.D. = 1.5	on	6 of	7 obs.	

& APR 19, 1985 03h 55m 52.30s
32.210 N 116.940 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 3.8 (PAS). Felt (IV) at Campo, La Mesa and Potrero. Felt (III) at El Cojon. Also felt at San Diego.

CBX	0.26	66	iP+	55 58.30	0.8
			S	56 01.30	
ENX	0.40	144	iPd	55 59.50	-0.9
			S	56 03.00	
PBX	0.51	158	iP+	56 00.70	-1.8
			S	56 06.30	
BAR	0.52	26	iPc	56 02.20	-0.6
IKP	0.83	58	iPc	56 07.60	-1.2
			eS	56 18.90	
CPBX	1.40	81	iPc	56 17.90	-0.4
			S	56 35.90	
HAY	1.85	36	iP	56 23.80	-1.1
GLA	1.97	64	P	56 24.80	-1.8
SDW	2.40	357	P	56 31.30	-1.5
SBB	2.58	344	iPc	56 33.60	-1.8
BLP	3.72	310	P	56 47.40	-4.2
WKTM	3.79	341	P	56 50.00	-2.6
VPEM	3.80	349	P	56 50.20	-2.6
FRI	5.29	335	P	57 10.00	-3.7
EUR	7.30	6	iP	57 41.80	-0.5
	1.2s	10.77nm			4.9mb X
BMN	8.21	358	P	57 56.50	1.6
ALO	9.16	70	e(P)	58 02.00	-6.2
	17 obs. associated				

APR 19, 1985 04h 50m 12.80± 0.36s
10.552 S ± 5.3km 124.403 E ± 7 3km
DEPTH = 33.0km (normal)
5.2mb (3 obs.)
TIMOR (289)

KNA	6.69	141	eP	51 50.00	-1.3
	0.3s	46.00nm			5.8mb X
MTN	6.97	110	iPc	51 54.60	-0.7
	0.9s	890.00nm			6.7mb X
MBL	11.42	202	eP	52 55.00	-1.8
WB2	13.39	135	iPc	53 18.50	-4.5X
			i	53 23.00	
			iS	55 37.70	
NAU	14.66	214	eP	53 41.00	1.4
ASPA	15.88	146	eP	53 54.00	-1.6
MEK	16.91	198	eP	54 09.00	0.4
ISO	17.73	127	eP	54 19.00	0.0
JAY	18.05	65	ePd	54 24.00	1.1
KKM	18.39	333	ePd	54 28.10	0.9
MRWA	20.17	202	eP	54 48.00	0.7
PLP	21.58	2	iPc	55 02.50	0.7
KLB	21.82	195	eP	55 06.00	1.8
NWAO	23.23	195	eP	55 21.00	3.0X
KGM	24.42	300	ePd	55 30.00	0.3
STK	26.52	146	eP	55 51.00	1.7
IPM	27.71	302	ePd	55 59.70	-0.6
LOE	35.69	321	eP	57 09.00	-1.3
BDT	37.32	317	iPc	57 24.00	0.0
	0.7s	42.90nm			5.4mb
CHG	38.50	319	Pc	57 34.00	0.1
	1.0s	37.00nm			5.2mb
GYA	40.63	335	P	57 51.40	-0.2
KMI	41.27	330	eP	57 58.00	0.9
WHN	41.99	347	eP	58 03.00	0.5
CD2	45.74	335	P	58 32.40	-0.6
XAN	46.72	342	P	58 38.80	-1.9
MAT	48.61	15	iPd	58 43.90	-11.5X
LZH	50.28	338	eP	59 08.00	-0.4
BJI	50.91	352	eP	59 12.50	-0.3
LSA	51.26	322	Pc	59 16.00	-0.3
HYB	53.15	301	ePc	59 27.50	-2.6
	1.0s	20.00nm			5.0mb

GTA	54.71	337	iPd	59	41.30	-0.1
MDJ	55.11	5	eP	59	45.50	1.5
WMQ	63.57	331	P	00	42.00	-0.6
IR2	83.01	308	(P)	02	39.00	2.5
YKA	113.34	26	ePKP	08	52.30	3.8X
SLA	143.63	165	e(PKP)	09	47.00	0.0
YJA	146.06	163	ePKPc	09	55.20	3.7X
CCH	150.35	159	PKP	10	06.80	8.6X
LPB	150.38	155	PKPd	10	06.70	8.3X

S.D. = 1.2 on 32 of 39 obs.

APR 19, 1985 06h 22m 33.05± 0.63s
41.676 N ± 8.0km 13.898 E ± 6.0km
DEPTH = 10.0km (geophysicist)
SOUTHERN ITALY (390)
ML 3.1 (KBA).

DUI	0.42	92	iPgc	22	40.50	-1.1
			iSg	22	47.00	
AQU	0.77	332	ePg	22	48.20	0.1
			eSg	23	01.00	
MNS	1.15	308	ePg	22	56.00	1.4
			eSg	23	16.00	
SGO	1.54	136	ePg	23	00.00	-0.6
			eSg	23	21.50	
ORI	2.53	129	ePn	23	16.50	1.8
BRT	2.62	107	ePn	23	16.20	0.2
			eSn	23	47.20	
LCI	3.35	112	ePn	23	33.00	6.5X
CVF	3.85	285	Pn	23	33.30	-0.3
TRI	4.03	359	e(Pn)	23	38.10	2.0
			e(Sn)	24	28.40	
			e	24	49.60	
CEY	4 08	5	e(Pn)	23	46.70	9.9X
			i	24	03.60	
			eSn	24	24.40	
VOY	4.35	360	e(Pn)	23	40.00	-0.8
			e(Sn)	24	27.80	
			i	24	57.30	
SAL	4.63	329	eP	23	45.00	0.4
CTI	4.66	340	ePn	23	44.50	-0.7
			eSn	24	39.50	
OHR	5.22	94	ePn	23	53.10	0.0
KBA	5.42	356	iPnc	23	57.70	1.8
			iSg	24	55.60	
			i	25	01.80	
FRF	5.67	292	Pn	23	58.70	-0.7
LMR	5.71	289	Pn	23	59.60	-0.3
LRG	5.84	290	Pn	24	01.10	-0.7
VAY	6.52	90	ePn	24	17.00	5.6X
KHC	7.46	358	eP	24	22.10	-2.4

S.D. = 1.3 on 17 of 20 obs.

• APR 19, 1985 07h 45m 16.39± 1.00s
27.539 N ±17 0km 56.316 E ± 9.8km
DEPTH = 33.0km (normal)
4.4mb (5 obs.)
SOUTHERN IRAN (353)
Felt in the Kermon orea.

SHI	3.94	303	eP	46	17.00	0.8
KHI	6.88	16	e(P)	46	57.00	-0.7
MHI	9.14	16	eP	47	34.00	4.9X
IR2	9.32	332	(P)	47	33.00	1.4
QUE	9.69	72	eP	47	37.00	0.2
KKN	25.63	83	eP	50	47.00	2.1
	0.8s		15.00nm			4.6mb
PKI	25.77	83	eP	50	44.60	-1.7
	0.7s		6.00nm			4.3mb
OHR	32.07	304	eP	51	41.70	-0.8
NUR	39.32	336	iP	52	43.50	-0.3
SUF	40.37	339	iP	52	52.60	0.2
	0.5s		2.50nm			4.2mb
KJF	41.00	341	eP	52	59.00	1.4
UPP	41.68	332	iP	53	02.10	-1.1
SOD	43.73	344	iP	53	20.00	0.2
NB2	45.02	331	P	53	28.20	-2.2
	0.7s		3.40nm			4.4mb
DAG	59.99	345	iPd	55	20.00	-1.6
	0.5s		6.34nm			5.0mb
MBC	76.43	359	eP	57	04.00	0.2
FRB	79.27	338	eP	57	20.00	0.4
INK	84.18	4	eP	57	45.00	-0.2
COL	85.97	10	eP	57	54.00	-0.2
WB2	89.01	113	eP	58	09.50	-0.1
YKA	89.99	356	eP	58	15.50	2.0

S.D. = 1.2 on 20 of 21 obs.

APR 19, 1985 08h 20m 16.19± 0.43s
45.803 N ± 4.4km 11.088 E ± 3.5km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.6 (KBA), 3.4 (LDG), 3.3 (TRI).

SAL	0.44	244	iPgc	20	24.50	-0.6
			iSg	20	32.00	
CTI	0.46	58	iPgc	20	25.50	-0.1
			iSg	20	31.00	
OGA	1.07	358	iPgd	20	35.30	-1.1
OSS	1.10	324	eP+	20	36.80	-0.2
VDL	1.32	302	eP+	20	40.10	-0.6
LLS	1.80	307	eP+	20	48.70	1.0
TRI	1.88	92	ePn	20	48.10	-0.5
			i	20	50.90	
			i	20	52.90	
			iSn	21	11.00	
			iSg	21	15.50	
SAX	1.88	321	ePd	20	51.70	2.7X
VOY	1.97	82	iPnd	20	49.70	-0.4
			iSn	21	16.00	
			iSg	21	21.00	
KBA	2.02	50	iPnd	20	52.30	1.5
			iPg	20	54.80	
			i	21	10.20	
			iSg	21	20.70	
			i	21	22.80	
ORO	2.18	266	ePn	20	56.00	2.8X
			eSn	21	22.50	
BHG	2.28	32	eP	20	58.00	3.5X
CEY	2.34	90	eP	21	00.70	5.4X
			i	21	23.40	
			iSn	21	27.40	
LJU	2.42	83	e(Pn)	21	01.10	4.7X
			i	21	26.60	
			iSn	21	32.50	
ZUL	2.50	313	ePd	21	03.70	6.1X
SLE	2.65	319	ePd	21	00.60	0.8
ROF	3.44	305	eP	21	11.20	0.3
BUH	3.47	327	eP	21	11.60	0.2
BSF	3.58	306	Pn	21	14.20	1.2
			Sn	21	54.80	
CVF	3.61	207	Pn	21	12.80	-0.5
			Sn	21	52.20	
CDF	3.69	316	Pn	21	14.90	0.4
KHC	3.73	26	Pn	21	14.60	-0.5
			Pg	21	24.00	
			e	21	57.70	
			Sg	22	15.00	
FRF	3.88	236	Pn	21	17.90	0.7
GRF	3.89	1	ePn	21	30.00	12.7X
			eSg	22	20.00	
HAU	3.93	306	Pn	21	17.80	0.0
LMR	4.10	235	Pn	21	20.40	0.2
LRG	4.11	237	Pn	21	21.50	1.1
HOF	4.54	6	iPnc	21	42.70	16.1X
PRU	4.79	28	ePg	21	47.00	17.0X
			e	22	22.00	
			eSg	22	46.50	
MOX	4.86	4	ePn	21	50.00	18.9X
			eSg	22	52.00	
LBF	5.06	286	Pn	21	33.30	-0.6
			Sn	22	28.70	
SMF	5.10	282	Pn	21	32.80	-1.6
			Sn	22	28.00	
LOR	5.20	289	Pn	21	34.60	-1.3
			Sn	22	32 10	
AVF	5.45	283	Pn	21	39.70	0.3
DOU	6.12	317	Pn	22	02.20	13.4X

S.D. = 0.9 on 24 of 35 obs.

? APR 19, 1985 08h 59m 07.63±10.25s
33.616 S ±16.3km 72.131 W ±86.2km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.69	120	iPc	59	21.00	0.1
TACH	1.00	92	iPc	59	24.70	-0.6
PEL	1.30	69	iP	59	29.90	0.3
			iS	59	45.70	
FCH	1.57	80	iPd	59	34.20	0.4
			iS	59	53.50	
JACH	1.59	55	iP	59	33 70	-0.2
MDZ	2.84	76	eP	59	56.60	4.8X
			iS	00	34.00	

RFA	3.25	112	ePd	59	59.10	1.6X
TCA	6.76	72	ePc	00	44.00	-3.2X

S.D. = 0.6 on 5 of 8 obs.

? APR 19, 1985 09h 07m 26.42± 1.10s
20.291 N ± 8.4km 143.624 E ±43.8km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
MARIANA ISLANDS REGION (215)

GUMO	6.77	170	eP	09	06.50	0.4
PJG	6.77	170	eP	09	06.30	0.2
GUA	6.83	169	eP	09	06.30	-0.6
WB2	41.00	193	eP	15	04.90	-3.3
WRA	41.01	193	Pc	15	08.20	0.6
	0.6s		1.20nm			3.8mb
INK	68.70	23	eP	18	28.50	0.1
YKA	77.50	28	eP	19	20.00	-0.1
BRG	96.49	331	e(P)	21	02.70	8.9X

S.D. = 0.4 on 6 of 8 obs.

• APR 19, 1985 09h 23m 13.88± 1.74s
51.165 N ±21.0km 178.626 E ±10.8km
DEPTH = 66.5 ± 13.3 km
4.2mb (2 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS (6)

ADK	3.02	74	eP	23	59.50	-0.7
SMY	3.21	301	eP	24	03.00	0.1
TTA	17.99	39	eP	27	22.30	1.7
PMR	20.45	47	eP	27	47.70	-0.1
IMA	20.49	33	eP	27	48.00	-0.4
COL	22.12	39	eP	28	05.00	0.5
	0.8s		7.09nm			4.1mb
INK	28.57	35	eP	29	04.00	-1.0
MBC	34.41	22	eP	29	56.00	-0.1
YKA	36.55	46	eP	30	14.20	-0.1
YKC	36.61	46	eP	30	14.00	-0.8
EDM	40.32	60	eP	30	45.00	-0.9
BMN	44.65	78	eP	31	22.50	1.0
EUR	45.99	78	iP	31	33.80	1.6
	0.8s		3.24nm			4.3mb
LTX	60.28	79	e(P)	33	17.00	-0.7

S.D. = 1.0 on 14 of 14 obs

? APR 19, 1985 10h 05m 09.59±11.76s
39.343 N ±69.1km 29.746 E ±65.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.90	287	iPg	05	26.20	-0.7
			iSg	05	38.20	
YLV	1.25	347	iPn	05	33.50	0.5
TTK	1.38	288	ePn	05	35.80	0.9
KCT	1.40	311	ePn	05	35.50	0.3
BNT	1.73	306	iPn	05	41.50	1.6X
ISK	1.80	343	ePn	05	40.00	-0.8

S.D. = 1.1 on 5 of 6 obs.

? APR 19, 1985 11h 00m 58.21± 1.53s
6.016 S ±23.0km 129.435 E ±61 3km
DEPTH = 211.1 ± 33.2 km
BANDA SEA (286)

AAI	2.62	332	e(P)	01	44.50	0.0
MTN	6.99	166	eP	02	40.00	0.9
	0.9s		154.00nm			5.2mb X
KNA	9.70	184	eP	03	14.00	-0.3
WB2	14.65	161	eP	04	15.70	-1.3
			i	04	19.00	
			eS	06	57.20	
ASPA	18.07	167	iPd	04	57.40	0.8

S.D. = 1.7 on 5 of 5 obs.

• APR 19, 1985 12h 39m 18.42± 0.84s
42.573 N ±10.6km 24 080 E ±20.6km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

SRS	1.50	194	ePb	39	45.20	-0.2
			eSb	40	08.10	
KNT	1.66	212	ePnc	39	48.00	0.2
			eSn	40	11.60	
VAY	1.68	223	ePn	39	48.00	0.0
SOH	1.83	198	ePn	39	50.00	-0.2
OUR	2.24	182	ePnd	39	56.30	0.2
MLR	3.21	24	eP	40	10.00	0.0

19c 12h

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

* APR 19, 1985 13h 53m 58.75± 0.85s
44.439 N ±17.6km 57.928 E ±15.2km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
UZBEK SSR (339)

MHI	8.22	171	iPc	55 58.80	0.1
	0.6s	173.33nm			6.3mb X
			e	56 18.00	
KKN	27.46	118	eP	59 43.80	-0.2
	0.7s	12.00nm			4 7mb
PKI	27.70	118	eP	59 46.60	0.4
	0.7s	12.00nm			4.7mb
HYB	32.04	141	eP	00 24.50	0.0
OSS	33.13	291	ePd	00 48.50	14.6X
SAX	33.53	292	ePd	00 38.80	1.3
LLS	33.85	292	ePd	00 34.90	-5.3X
SLE	33.97	293	eP+	00 45.20	4.1X
ZUL	34.11	293	eP	00 41.00	-1.2
MMK	34.75	291	eP+	00 53.60	5.6X
GBA	34.95	145	Pc	00 49.40	-0.3
	0.3s	3.20nm			4.7mb

S.D = 0.9 on 7 of 11 obs.

APR 19, 1985 14h 47m 35.22± 0.51s
50.448 N ± 4.8km 19.042 E ± 7.2km
DEPTH = 10.0km (geophysicist)
4.3mb (1 obs.)
POLAND (548)
ML 3.8 (KBA), 3.8 (VKA).

SPC	1.48	148	i(Pn)	48 02.70	0 6
	Z 20s	0.46um			
			i	48 09.90	
			i	48 12.60	
			i(Sn)	48 22.30	
JOS	2.18	153	iPnd	48 11.90	-0.2
	0.4s	10.50nm			
ZST	2.59	210	iPnd	48 22.80	5.0X
			e(Pg)	48 27.50	
			e	48 46.50	
			e(Sg)	48 57.50	
PSZ	2.59	167	eP	48 17.20	-0.8
SRO	2.68	191	iPnd	48 25.50	6.3X
			e(Sn)	49 17.00	
			e	49 36.00	
VKA	2.82	220	iPg	48 28.70	7.6X
			i	48 51.30	
			i	48 55 30	
			iSg	49 02.70	
PRU	2.93	263	Pn	48 23.10	0.5
			ePg	48 29.50	
			Sg	49 04.50	
BRG	3.27	279	ePg	48 37.90	10.4X
			iSg	49 21.70	
KHC	3.78	252	Pn	48 33.50	-1.3
			Pg	48 44.30	
			Sn	49 15.10	
			Sg	49 34.00	
CLL	3.92	285	ePg	48 53.00	16.3X
			iSg	49 41.80	
MOX	4.74	275	ePn	49 06.00	17.6X
			eSg	50 05.00	
KBA	5.06	230	iPnc	48 54.20	1.2
			iPg	49 10.80	
			iSn	49 46.80	
			i	49 49.80	
			i	50 04.70	
			iSg	50 12.20	
			i	50 16.50	
GRF	5 09	264	ePn	49 10.00	16 6X
			eSg	50 15.00	
HFS	10.17	345	eP	50 04.80	0.6
	0 5s	1 70nm			4 7mb X
NUR	10 57	15	iP	50 10.40	0.8
NB2	11.48	341	P	50 21.40	-0.8
	0.5s	0 90nm			4.3mb
SUF	12.90	15	eP	50 41.00	-0.1
KJF	14.54	15	eP	51 02.00	-0.6

S D = 0.9 on 11 of 18 obs.

APR 19, 1985 16h 53m 16.14± 1 13s
31.374 S ±12.9km 67.946 W ± 7 6km
DEPTH = 15 0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.34	227	iPd	53 23.90	0.5
			S	53 29.10	
RTLL	0.45	276	iPd	53 25.30	0.0
RTCV	0.70	226	iPd	53 29.00	-0.5
			(S)	53 39.30	
MDZ	1.69	207	eP	53 48.00	2.7X
			e(S)	54 11.50	
TCA	2.87	90	iPd	54 02.20	0.0
RFA	3.42	187	e(P)	54 10.00	0.1
			S	55 02.00	

S.D. = 0.5 on 5 of 6 obs.

? APR 19, 1985 17h 07m 44.94± 1.48s
7.046 S ±18.6km 130.112 E ±33.8km
DEPTH = 116.2 ± 34.0 km
3.9mb (1 obs.)
TANIMBAR ISLANDS REGION (281)

AAI	3.84	330	e(P)	08 43.10	-0.1
MTN	5.85	170	eP	09 12.00	1.3
			eS	10 15.00	
KNA	8.75	189	eP	09 49.00	-1.1
	0.3s	15.00nm			5.2mb X
			eS	11 21.00	
WRA	13.46	163	P	10 53.00	0.5
	0.2s	1.00nm			3.9mb
WB2	13.47	163	eP	10 51.30	-1.2
			eS	13 14.70	
ASPA	16.92	168	eP	11 38.00	1.9X
			eS	14 38.00	
NAU	20.87	221	iPd	12 20.00	0.5

S.D. = 1.6 on 6 of 7 obs.

APR 19, 1985 17h 43m 10.89± 0.48s
11.848 N ± 3.5km 86.651 W ± 3.8km
DEPTH = 71.8 ± 4.4 km
5.3mb (65 obs.)
NEAR COAST OF NICARAGUA (74)
Ms 5.8 (PAS), mb 5.8 (PAS). Felt along the west coast and at Managua. Also felt in western Costa Rica.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B. 12S, 26C
Centroid Location:
Origin Time 17:43:12.7 0.3
Lat 11.46N 0.04 Lon 87.42W 0.04
Dep 50.0 1.9 Half-duration 4.4
Moment Tensor; Scale 10**25 D-CM
Mrr= 1.23 0.04 Mtt=-1.24 0.06
Mff= 0.01 0.06 Mrt= 0.52 0.06
Mrf=-0.61 0.06 Mtf= 1.07 0.05
Principal Axes:
T Val= 1.49 Plg=69 Azm= 84
N 0.54 16 305
P -2.03 13 211
Best Double Couple:Mo=1.8*10**25
NP1:Strike=280 Dip=35 Slip= 60
NP2: 135 60 109

RIN	1.66	130	iP	43 37.54	-0.9
JUD	2.00	147	iP	43 41.17	-1.9
CAO	2.62	144	iP	43 50.50	-1.3
EPA	2.74	132	iP	43 52.76	-0.7
POA	2.92	125	iP	43 56.56	0.3
HDC	3.09	126	iP	43 59.73	1.2
SJS	3.18	126	iPc	43 59.90	0.2
IRZ	3.31	124	iP	44 03.18	1.4
OPS	3.47	134	iP	44 03.42	-0.2
CDM	3.64	129	iP	44 08.19	1.8
PBC	4.89	133	iP	44 24.43	0.9
UPA	7.56	111	iP+	45 04.00	3.4X
	Z 20s	13.76um			
			iS	47 16 00	
GCM	8.97	34	P	45 25.00	4.9X
MCJ	10 56	54	eP	45 50.94	9.1X
PCJ	10.88	56	eP	45 52.92	6.9X
VHO	11 13	300	iP	45 45.50	-4.1X
STH	11 34	56	eP	45 59.28	7.0X
HOJ	11.35	56	eP	46 01.21	8.8X
GWJ	11.40	56	eP	46 00.65	7.5X
GIE	13.01	196	iP-	46 10.10	-4.3X
	Z 18s	113 61um			
			S	48 20 00	
ACX	13 73	293	Pd	46 13.50	-10.3X
IIP	13.96	304	eP	46 26.00	-1.2

III	13.97	299	eP	46 25.00	-2.1
PSO	14.06	138	eP	46 28.50	0.0
TAC	14.22	303	eP	46 30.00	-0.5
BOG	14.37	119	iP	46 35.00	2.5X
			iS	49 53.00	
QUR	14.41	145	eP	46 37.00	3.9X
IIC	14.45	305	iP	46 37.00	3.4X
IIC	14.45	305	eP	46 33.00	-0.6
LGN	15.19	95	eP	46 40.80	-2.0
UAV	15.60	100	eP	46 53.90	5.8X
SDV	16.03	99	eP	46 55.30	1.7
TOV	16.69	95	eP	47 04.20	2.5
	1.0s	97.70nm			4.9mb
CAR	19.40	92	iPc	47 34.00	-0.2
	1.3s	500.00nm			5.6mb
HKT	19.93	336	iP	47 40.20	0.7
SJG	20.75	70	iPc	47 50.30	2.2
ATX	21.12	332	iP	47 50.30	-1.4
NSLM	21.44	340	iP	47 56 80	1.9
JCT	22.19	329	iP	48 02.00	-0.4
	Z 22s	12.59um			5.3Msz
PRM	22.48	9	P	48 08.40	3.2X
JSC	22.86	12	P	48 12.90	4.0X
PWLA	23.06	357	P	48 12.70	1.8
LTX	23.53	320	iP	48 16.00	0.4
	1.0s	230.00nm			5.6mb
BHO	23.65	343	iPc	48 18 30	1.8
RSCP	23.67	2	eP	48 19.30	2.6
TKL	23.85	6	P	48 21.70	3.2X
TRN	24.79	90	eP	48 27.09	-0.6
	1.2s	157.80nm			5.3mb
TUL	25.34	342	iPc+	48 32.60	-0.1
	1.0s	939.30nm			6.2mb
	Z 18s	22.80um			5.7Msz
			eS	53 10.00	
SIO	25.35	341	e(P)	48 32.00	-0.8
RLO	25.37	344	iPc	48 33.00	0.0
NNA	25.60	157	iP	48 35.30	-0.1
	1.4s	151.16nm			5.3mb
	Z 24s	4.07um			4.9MszX
			eS	53 00.00	
BLA	25.87	11	iPc+	48 40.20	2 6
	1.8s	750.00nm			5.9mb
	Z 20s	22.52um			5.7Msz
FVM	26.24	353	eP	48 40.80	-0.2
	1.2s	110.29nm			5.3mb
ALQ	29.19	325	ePc	49 07.20	-0.8
	1.0s	147.50nm			5.6mb
	Z 18s	11.17um			5.5Msz
CHI	29.95	359	P	49 16.00	1.6
PAL	31.13	19	eP	49 27.30	2.5
DLA	31.21	7	P	49 26.10	0.6
ELF	31.57	7	P	49 29.10	0.4
ARE	31.87	152	iPc	49 32.50	0.6
GLD	32.29	333	iP	49 35.20	0.0
	1.0s	376.00nm			6.2mb
	Z 20s	7.00um			5.3Msz
GOL	32.32	332	iP	49 35.10	-0.4
	1.1s	169.87nm			5.8mb
	Z 20s	5.75um			5.3Msz
RMU	33.28	323	iP	49 44.30	0.4
GLA	33.33	314	eP	49 43.00	-1.2
			e	52 26.00	
LPB	33.64	147	iPc	49 47.00	-0.4
	2.0s	588.24nm			6.1mb
RSNY	34.21	15	iP	49 53.10	1.5
	1.1s	250.00nm			6.1mb
	Z 20s	41.24um			6.2Msz
BAR	34.46	312	eP	49 58.00	4.1X
OTT	34.71	14	ePc	49 56.70	0.9
	1.0s	201.00nm			6.0mb
			pP	50 24.00	123kmX
TPC	34.76	314	eP	49 56.00	-0.5
			e	52 31.00	
PLM	34.94	313	eP	49 58.00	-0.2
MNT	35.33	16	iPc	50 02.50	1.4
	1.5s	530.00nm			6.2mb
CCH	35.41	145	Pc	50 02.50	0.1
	1.0s	3.50nm			4.2mb X
RSSD	35.47	338	iP	50 02.80	0.2
	1.1s	194.77nm			5.9mb
RVR	35.64	313	eP	50 03.00	-0.8
GSC	35.93	316	eP	50 05.00	-1.4
			e	52 33.00	
MWC	36.24	313	eP	50 10.00	0.8
PAS	36.28	313	eP	50 10.00	0.7
	Z 20s	8.00um			5.5Msz

			ePP	51 38.00	
			ePPP	52 33.00	
			ePcS	55 36.00	
			eS	56 20.00	
			eLg	58 40.00	
SBB	36.31	314	eP	50 10.00	0.4
LHC	36.52	357	ePc	50 10.70	-0.3
	0.9s		149.00nm		5.9mb
MIM	36.53	21	eP	50 13.50	2.4
BDW	36.68	331	iP	50 12.20	-0.6
	1.0s		186.00nm		6.0mb
ISA	37.27	315	eP	50 18.00	0.3
			e	52 34.00	
CWC	37.41	316	eP	50 10.00	-9.0X
SYP	37.77	312	eP	50 24.00	2.0
EUR	37.83	322	iP	50 22.80	0.2
M'A	38.57	319	ePc	50 29.70	1.0
			iPcP	52 41.00	
ANT	38.74	156	eP	50 31.00	1.1
FRI	38.82	316	eP	50 32.50	2.0
			ePcP	52 41.20	
BMN	39.18	322	iP	50 34.00	0.3
	1.1s		259.74nm		6.1mb
RSON	39.32	353	iP	50 33.80	-0.8
	1.1s		151.16nm		5.8mb
Z	22s		4.50um		5.3Msz
PRS	39.64	314	eP	50 40.00	2.7X
			ePcP	52 44.80	
YJA	39.66	148	ePc	50 39.00	0.8
JAS1	39.79	317	iP	50 38.70	0.1
			ePcP	52 44.50	
SXM	40.03	333	eP	50 41.10	0.4
ARN	40.25	315	P	50 44.50	2.1
MHC	40.32	315	eP	50 43.40	0.3
LRM	40.34	332	eP	50 43.30	0.0
HRY	40.74	333	eP	50 46.50	0.1
BKS	41.00	315	e(P)	50 49.30	0.8
	1.5s		190.00nm		5.7mb
Z	20s		15.00um		5.9Msz
N	20s		9.00um		
E	20s		15.00um		
			ePcP	52 49.40	
			eS	57 09.00	
ORV	41.37	318	eP	50 51.90	0.4
SLA	41.81	151	ePd	50 56.80	1.4
MIN	41.86	319	eP	50 55.30	-0.4
WDC	42.58	319	eP	50 57.80	-3.7X
SES	43.33	337	iPc	51 07.30	-0.1
CLX	43.34	332	iPc	51 07.50	-0.3
LHD	43.58	332	iPc	51 09.50	0.0
LDM	43.61	332	iPc	51 09.50	-0.2
RXF	43.82	333	iPc	51 11.50	0.0
YKM	44.09	333	iPc	51 13.50	-0.2
NEW	44.31	331	iPc	51 14.50	-0.9
			e	51 48.00	
			e	52 01.00	
FFC	44.45	347	iPc	51 16.20	-0.2
	1.3s		485.00nm		6.2mb
COR	45.26	323	iPd	51 23.00	0.1
STJ	45.56	32	eP	51 27.00	1.8
SCH	45.63	16	ePc	51 25.50	-0.3
			pP	51 42.00	65kmX
PNT	46.23	330	iPc	51 30.50	-0.1
	1 1s		438.00nm		6.3mb
EDM	46.46	338	iP	51 31.00	-1.3
	1.0s		240.00nm		6.1mb
BAO	47.01	125	iP	51 36.30	-1.0
			i	51 37.70	
			i	51 42.30	
PEL	47.26	162	iPc	51 38.70	-0.2
FCH	47.55	161	eP	51 42.00	0.4
MDZ	47.62	160	eP	51 42.00	0.2
TACH	47.66	162	ePc	51 42.40	0.4
PGC	47.74	328	eP	51 42.00	-0.4
LNV	47.80	163	eP	51 42.10	-0.9
TCA	47.87	154	ePd	51 42.80	-1.0
ITB1	48.03	139	P	51 44.70	-0.3
ITB	48.25	139	P	51 46.40	-0.3
RFA	49.47	160	ePc	51 55.40	-0.6
PHC	51.04	328	eP	52 07.50	-0.1
VAO	52.05	132	eP	52 14.30	-1.5
ITR	52.14	111	eP	52 14.60	-1.9
	1.0s		10.60nm		4.8mb
FRB	53.38	10	ePc	52 23.20	-1.7
YKC	54.35	345	ePc	52 31.00	-1.1
	0.9s		107.00nm		5.9mb
YKA	54.40	344	eP	52 31.90	-0.6
VBA	54.76	156	ePd	52 33.60	-1.9
GDH	61.13	13	iPd	53 18.50	-1.1
	1.2s		62.50nm		5.6mb
Z	20s		19.68um		6.3Msz
			i	57 20.00	
			iS	01 35.00	
PNL	61.54	333	eP	53 22.00	-0.6
INK	63.99	342	iPc	53 37.50	-1.1
	1.2s		278.00nm		6.1mb
			pP	53 48.00	34kmX
TOA	65.57	334	ePc	53 48.70	-0.3
RUV	65.86	247	eP	53 51.00	-0.4
	1.1s		10.00nm		4.7mb
PME	66.67	333	iPc	53 54.90	-1.0
	1.1s		125.00nm		5.8mb
Z	20s		12.50um		6.1Msz
PMR	66.70	332	P	53 54.00	-2.1
	1.0s		60.00nm		5.5mb
Z	20s		13.00um		6.1Msz
MBC	66.72	352	iPc	53 55.10	-0.9
	1.2s		172.00nm		5.9mb
			pP	54 06.00	36kmX
KDC	67.23	328	iPc	53 58.90	-0.6
COL	67.29	336	iP	53 58.70	-1.1
	1.2s		146.88nm		5.8mb
Z	18s		10.31um		6.1Msz
			e	56 26.00	
FBA	67.29	336	ePc	53 58.70	-1.1
	1.3s		146.20nm		5.8mb
REY	68.50	25	eP	54 07.70	0.4
HON	68.56	288	P	54 14.50	6.1X
IMA	69.99	336	iPc	54 15.40	-1.2
AKU	70.49	24	eP	54 21.00	1.6
	1.8s		127.27nm		5.5mb
Z	18s		7.56um		6.0Msz
SDN	71.15	325	eP	54 23.40	-0.2
ALE	71.35	3	ePc	54 23.00	-1.4
	1.1s		36.00nm		5.2mb
VAL	72.38	39	iP	54 28.00	-3.0X
			S	04 06.00	
BRW	72.51	341	eP	54 30.50	-0.9
PTO	73.33	50	eP	54 35.00	-1.8
			eS	03 51.00	
DAG	73.54	13	iPd	54 35.30	-2 1
	0.4s		5.93nm		4.9mb
MTE	74.16	51	iPd	54 51.30	9.5X
AVE	74.66	59	eP	54 44.00	-0.7
			i	55 01.00	
MAL	76.84	55	iP+	54 58.00	1.1
			iPP	57 48.00	
			iS	04 44 00	
			iSS	09 52 00	
TOL	76.86	52	iP	54 57.00	0.0
			ePP	57 52.50	
			ePPP	59 44 50	
			eS	04 50.00	
			ePS	05 16 00	
			i	06 12.00	
			iSS	09 42.00	
			iSSS	13 10.00	
CRT	77 45	54	eP	55 03.80	3.4X
LPF	78.37	43	eP	55 04.00	-1.1
	1.1s		27.10nm		5.1mb
GRR	78.47	43	eP	55 04.50	-1.1
	0.8s		20.60nm		5.1mb
FLN	78.68	42	eP	55 05.70	-1.1
	1.0s		13.60nm		4.8mb
LDF	78.94	42	eP	55 07.20	-1.0
MFF	79.11	44	eP	55 08.10	-1.1
	0.8s		13.40nm		4.9mb
ALI	79.77	53	iP-	55 14.00	1.1
			ePP	57 43.00	
EPF	79.84	48	eP	55 12.60	-0.7
	1.0s		20.00nm		5.0mb
LFF	79.90	46	eP	55 12.70	-0.8
	0.8s		10.90nm		4.8mb
LPO	80.25	46	eP	55 14.40	-1.0
	0.8s		11.80nm		4.9mb
LSF	80.30	45	eP	55 14.20	-1.4
	0.8s		5.40nm		4.5mb
RJF	80.41	46	eP	55 15.10	-1.1
	1.0s		8.00nm		4.6mb
TCF	80.77	45	eP	55 16.90	-1.2
	1 0s		9.20nm		4 7mb
BER	80 78	30	eP	55 22 00	4.3X
ADK	80 81	321	iPc	55 19 70	1 6
KIC	80.83	85	iP	55 18.30	-0.7
CAF	80.84	46	eP	55 17.30	-1.2
	1.0s		14.00nm		4.8mb
MZF	81.03	45	eP	55 18.30	-1.2
	1.2s		17.60nm		4.9mb
BGF	81.17	44	eP	55 18.90	-1.2
	0.7s		10.60nm		4.9mb
GRC	81.22	44	iPc	55 22.30	1.9X
			i	55 53.40	
			i	58 33.20	
AVF	81.48	44	eP	55 20.20	-1.5
	0.8s		4.90nm		4.5mb
SSF	81.54	44	eP	55 20.60	-1.5
	0.9s		13.10nm		4.9mb
UCC	81.56	40	P	55 22.00	-0.1
			e	06 22.00	
LOR	81.75	43	eP	55 21.70	-1.5
	0.8s		9.90nm		4.8mb
DOU	81.82	41	P+	55 22.00	-1.4
			S	05 47.00	
SMF	81.83	44	eP	55 22.00	-1.6
	0.8s		8.00nm		4.7mb
LBF	81.87	44	eP	55 22.00	-1.9
DBN	81.88	39	eP	55 24.00	0.4
Z	21s		6.50um		6.0Msz
			ePP	58 33.00	
			ePS	06 41.00	
			eSS	11 32.00	
			eSSS	14 55.00	
ENN	82.55	40	eP	55 29.00	1.8
	0.8s		11.00nm		4.9mb
MEM	82.63	40	P	55 26.20	-1.4
WIT	82.66	38	eP	55 30.50	2.8X
			e	58 40.00	
WLF	82.88	41	P	55 28.60	-0.3
WTS	82.89	38	ePc	55 31.30	2.4X
	0.9s		18.00nm		5.0mb
			e	58 48.00	
KONO	83.01	31	eP	55 40.00	10.6X
HAU	83.30	42	eP	55 30.10	-1.1
	0.9s		7.80nm		4.7mb
NB2	83.51	29	P	55 33.20	1.2
	1.1s		22.10nm		5.1mb
BSF	83.62	43	eP	55 31.70	-1.2
	0.8s		10.90nm		4.9mb
CDF	83.83	42	eP	55 32.90	-1.1
GWF	83.95	41	eP	55 32.60	-1.9
BUH	84.40	42	eP	55 35.70	-1.1
ORO	84.84	45	eP	55 40.80	1.7
HFS	84.92	30	eP	55 39.70	0.7
	0.6s		3.60nm		4.6mb
Z	20s		6.87um		6.0Msz
			LR	25 02.00	
COP	85.38	34	eP+	55 42.00	0.6
Z	19s		6.94um		6 1Msz
			eS	05 16.00	
GRF	86.10	40	eP	55 46.40	1 2
	0.9s		21.00nm		5.2mb
Z	18s		14.10um		6 4Msz
			e	08 13.00	
MOX	86.12	39	eP	55 44.00	-1.2
	1.5s		22.00nm		5.0mb
Z	18s		8.30um		6.2Msz
N	18s		4.20um		
E	18s		6.50um		
			ePP	59 22.00	
			eSKS	06 00.00	
			e(PS)	06 48.00	
			eSS	12 00.00	
SAL	86.59	44	eP	55 44 50	-3.1X
CLL	86.80	38	eP	55 48.00	-0.5
	1.5s		33.00nm		5.2mb
Z	20s		8.00um		6.1Msz
			i	56 06.10	
			e(S)	06 54.00	
UPP	86.89	29	iP	55 48.30	-0 4
WET	87.28	40	eP	55 50.40	-0.5
Z	21s		13.70um		6.3Msz
BRG	87.49	39	eP	55 51.00	-0 9
Z	19s		8.50um		6 2Msz
N	19s		3.00um		
E	19s		7.50um		
			eSKS	06 26.00	
			P'P'	21 44.90	
KHC	87.73	40	P	55 53.00	-0.1
	1.0s		14.00nm		5.1mb
Z	21s		7.00um		6.0Msz
N	20s		1.40um		

19d 17h

	E 21s 5.70um					
	e	56	15.40			
	e	59	29.20			
	S	06	36.00			
SOD	87.80 21 eP	55	51.00	-2.0		
	ePP	59	19.00			
PRU	88.10 39 eP	55	54.00	-0.8		
	Z 18s 11.80um			6.3Msz		
	N 18s 1 10um					
	E 18s 10.40um					
	PP	59	25.00			
	eS	06	40.00			
KBA	88.12 42 eP	55	54.00	-1.2		
	1 5s 53.60nm			5.5mb		
	i	55	56.00			
	i	56	05.70			
	i	56	19.80			
	i	56	35.20			
	i	56	44.20			
	i	59	37.40			
VOY	88.77 43 eP	55	59.20	1.0		
	e	56	21.50			
TRI	88.77 44 i(P)c	55	58.00	-0.1		
	e	05	33.00			
	e(ScS)	06	28.00			
	i(S)	06	50.00			
	i(SP)	07	54.00			
	i(SS)	13	15.00			
	i(SSS)	16	35.00			
LJU	89.19 43 e(P)	55	58.50	-1.6		
	e(S)	05	46.00			
	e	06	32.00			
KJF	89.62 23 eP	56	02.00	0.3		
	e	56	17.00			
	ePP	59	36.00			
	eS	06	32.00			
	ePS	08	12 00			
SUF	89.64 25 iP	56	02.20	0.3		
NUR	89.93 27 eP	56	04.00	0.8		
	Z 22s 6.40um			6.0Msz		
	e	56	20.00			
	ePP	59	38.00			
	eS	06	38.00			
	ePS	08	20.00			
	LR	32	20.00			
ZST	90.24 41 eP	56	06.50	1.6		
WAR	91.25 36 e(P)	56	12.00	2.5X		
	Z 20s 11.00um			6.3Msz		
	e	06	36.00			
	e	07	20.00			
	e	08	35.00			
SPC	91.88 39 eP	56	20.20	7.5X		
	Z 18s 25.50um			6.7Msz		
JOS	92.30 39 eP	56	14.40	0.0		
SPA	101.77 180 e(Pdif	57	01.00	3.9X		
SBA	104.99 192 e(Pdif	01	15.60	244.6X		
MDJ	114.90 332 ePKP	01	45.00	-0.3		
BLF	115.55 117 ePKP	01	48.00	0.8		
	0 7s 15.00nm					
GRM	115.77 121 iPKPc	01	46 60	-0.7		
	1.0s 44.00nm					
	Z 18s 4.98um			6.2Msz		
MAT	115.97 321 ePKP	01	49.00	1.4		
	1.3s 26.92nm					
	Z 20s 1.95um			5.7Msz		
	eS	12	40.00			
BFS	116.07 114 iPKPd	01	48.80	0.6		
	0.8s 22.39nm					
VIR	116.15 116 iPKPc	01	48.20	-0.1		
	1.0s 40.00nm					
SEP	116.82 116 e(PKP)	01	49.50	-0.1		
	1 0s 20.00nm					
BPI	117.18 113 iPKPd	01	47.10	-3.3X		
	0.7s 23.29nm					
CN2	117.37 334 PKP	01	49.00	-1.0		
	ePP	02	27.00			
BUL	117.54 107 iPKPc	01	52.00	0.8		
IR2	118.02 39 (PKP)	01	52.00	0.4		
EVA	118.12 114 iPKPd	01	53.60	1.4		
	0.7s 23.29nm					
KRI	118.27 103 iPKPc	01	55.00	2.4X		
SNY	119.78 334 ePKP	01	54.70	0.1		
	PP	03	16.00			
MTD	120.15 103 iPKPc	01	57.00	0.9		
SHK	120.67 323 ePKP	01	55.80	-0.8		
MHI	122 45 32 ePKP	02	03.00	3 0		
	e	03	36.00			

GUA	122.99 295 ePKP	02	11.90	10.4X		
GUMO	123.01 295 ePKP	02	11.80	10.3X		
PJG	123.01 295 ePKP	02	12.00	10.5X		
DL2	123.03 334 PKP	02	01.00	0.1		
	PP	03	40.00			
BJI	124.19 339 ePKP	02	04.50	1.4		
	Z 21s 81.00um			7.4MszX		
	N 21s 6.30um					
	esPKP	02	15.00			
	ePP	03	49.00			
	eSKS	09	10.00			
	eSS	20	36.00			
WMQ	124.36 5 PKPc	02	04.00	0.5		
WAM	124.62 234 ePKP	02	05.10	1.0		
CAN	124.69 235 ePKP	02	03.40	-0.9		
HHC	124.93 343 iPKPc	02	07.00	2.3X		
MOM	125.56 276 ePKP	02	08.50	1.9X		
BTO	125.58 344 iPKPd	02	07.40	1.4		
RMQ	126.06 246 ePKP	02	09.00	1.8		
KSH	126.46 17 PKPc	02	09.00	1.2		
	PP	04	02.00			
	eSKKS	10	54.00			
TIA	127.20 336 PKPc	02	09.70	0.6		
	sPKP	02	20.00			
	PP	04	08.00			
	eSKS	09	17.00			
	eSKKS	10	53.00			
	eSS	21	06.00			
TIY	127.55 341 iPKPc	02	10.00	0.2		
	sPKP	02	20.50			
	PP	04	18.00			
	SKS	09	16.00			
GTA	128.65 354 PKP	02	11.80	-0.2		
CTA	128.65 254 iPKPc	02	12.90	0.6		
	1.0s 60.00nm					
SSE	129.63 329 PKPc+	02	14.00	0.2		
	1.4s 379.00nm					
	Z 24s 4.30um			6.1MszX		
	N 32s 2.40um					
	E 32s 2.10um					
	PP	02	22.00			
	PKS	05	36.00			
	SS	21	28.00			
NJ2	129.98 331 iPKPc	02	15.00	0.5		
	sPKP	02	27.00			
	PP	04	34.00			
	PKS	05	49.00			
QUE	131.09 31 ePKP	02	17.00	0.1		
	eS	05	44.00			
	e	14	44.00			
LZH	131.31 349 ePKP	02	18.50	1.4		
	2.0s 226.00nm					
	E 18s 3.20um					
	ePP	05	41.00			
STK	131.44 238 ePKP	02	18.00	0.7		
XAN	132.02 343 PKPc	02	18.60	0.2		
WHN	133.26 335 PKP	02	20.50	-0.3		
ANP	134.08 323 ePKP	02	24.00	1.4		
AVY	135.56 105 ePKP	02	26.00	0.3		
CD2	136.33 347 PKP	02	27.00	0.3		
	ePP	05	14.00			
	PKS	06	00.00			
NDI	136.79 21 ePKP	02	23.00	-4.6X		
LSA	138.64 3 PKPc	02	32.80	1.2		
ASPA	139.77 247 ePKP	02	25.00	-8.2X		
GYA	139.78 341 PKP	02	33.50	0.2		
	sPKP	02	46.00			
KKN	139.83 11 PKP	02	26.60	-6.9X		
WB2	139.84 253 ePKP	02	24.20	-9.2X		
	i	02	34.00			
DMN	139.97 11 PKP	02	27.40	-6.4X		
PKI	140.07 11 PKP	02	27.30	-6.7X		
GZH	140.14 331 PKPd	02	35.50	1.7		
	ePP	05	30.00			
	PKS	06	12.00			
HKC	140.39 329 ePKP	02	30.00	-4.3X		
	ePP	05	34.00			
BAG	141.09 316 ePKP	02	28.00	-7.9X		
KMI	142 13 346 ePKP	02	30.00	-7.7X		
KMI	142.13 346 PKP	02	54.00	16.3X		
	E 24s 7.20um					
	PP	06	30 00			
	SKKS	13	13 00			
DAV	142.84 299 ePKP	02	33 00	-5.8X		
CGP	142 88 301 ePKP	02	36 00	-2.9		
MTN	143 10 264 ePKP	02	37.00	-2.2		
POO	144.20 33 iPKPc	02	39 00	-2.1		

	1.2s 70.31nm					
AAI	144.57 280 ePKPd	02	40.50	-1.3		
	1.5s 345.90nm					
QIZ	145.28 332 PKPc	02	26.00	-16.8X		
	sPKP	02	38.00			
	ePP	05	00.00			
	sPP	05	12.00			
QIZ	145.28 332 iPKPc	02	44.00	1.2		
KNA	145.41 259 ePKP	02	43.00	-0.1		
HYB	147.46 27 ePKPc	02	46.80	0.3		
	1.0s 50.00nm					
KLG	147.89 230 ePKP	02	50.00	3.2X		
CHG	149.04 350 ePKPc	02	50.00	1.0		
	1.0s 85.00nm					
NWAO	149.68 222 ePKP	02	51.00	1.5		
LOE	149.78 344 iPKPc	02	50.00	-0.1		
KLB	150.12 225 ePKP	02	51.00	0.8		
KUPT	150.26 270 ePKP	02	54.50	3.7X		
BDT	150.56 349 iPKPc	02	52.90	1.7		
	1.0s 117.00nm					
MUN	150.94 223 ePKP	02	52.00	0.6		
KKM	151.13 307 ePKPd	02	54.40	2.1X		
NST	151.84 346 ePKP	02	55.00	1.9X		
MRWA	152.73 227 ePKP	03	02.40	8.3X		
KOD	152.98 36 ePKP	02	57.00	1.8		
MBL	153.01 247 ePKP	03	02.00	7.3X		
SNG	159.76 339 ePKP	03	05.00	1.6		
TRT	160.56 280 ePKPd	03	06.30	2.1X		
IPM	161.98 334 ePKPc	03	07.40	1.7		
	1.7s 320 20nm					
	e	03	17.30			
KLM	163.01 330 ePKP	03	08.00	1.3		
KGM	163.03 324 ePKPc	03	08.40	1.7		
TSI	163.89 341 ePKPc	03	08.00	0.4		

S.D. = 1.1 on 248 of 309 obs.

APR 19, 1985 17h 55m 34.67± 0.55s
11.766 N ± 4.7km 86.851 W ± 4.8km
DEPTH = 59.8 ± 5.5 km
5.3mb (36 obs.)
NEAR COAST OF NICARAGUA (74)
Felt olong the west coast. Also felt in western Costo Rico.

RIN	1.77 124 ePc	56	04.40	1.0		
JUD	2.04 141 iPd	56	04.90	-2.4		
CAO	2.68 140 eP	56	13.30	-2.9		
EPA	2.83 128 ePc	56	21.10	2.6X		
POA	3.04 122 ePd	56	22.00	0.3		
PTCR	3.09 129 ePc	56	24.10	1.9		
HDC	3.21 123 eP	56	23.30	-0.6		
SJS	3.29 123 iPc	56	24.50	-0.6		
IRZ	3.43 121 eP	56	27.80	0.5		
QPS	3.56 131 ePc	56	28.70	0.0		
CDM	3.74 126 eP	56	32.20	0.5		
PBC	4.97 131 eP	56	48.60	0.0		
COM	6.79 312 iP	57	23.00	8.8X		
GCM	9.15 34 P	57	52.30	5.7X		
VHO	11.00 301 eP	58	10.00	-2.1		
GIE	12.88 196 Pc	58	35.20	-1.7		
	Z 22s 71.85um					
	(S)	01	08.40			
III	13.84 300 eP	58	50.00	0.3		
IIP	13.85 304 eP	58	50.00	0.0		
IIC	14.34 305 eP	58	58.00	1.6		
QUR	14.46 145 eP	59	06.50	8.5X		
BOG	14.50 118 eP	59	00.00	1.5		
	eS	02	23.00			
SDV	16.21 99 eP	59	22.50	2.2		
TOV	16.87 95 eP	59	30.80	2.3		
	1.0s 130.30nm			5.0mb		
CAR	19.59 92 iPd	59	59.20	-1.8		
	1.1s 116.46nm			5.1mb		
HKT	19.93 337 iP	00	04.80	0.5		
SJG	20.96 70 eP	00	11.00	-4.1X		
	0.9s 92.44nm			5.1mb		
ATX	21.10 333 iP	00	16.50	0.2		
NSLM	21.46 341 iP	00	20.80	0.9		
LTX	23.47 321 P	00	40.00	0.1		
	1.0s 210.00nm			5.6mb		
BHO	23.67 343 iPc	00	43.90	2.3		
RSCP	23.76 3 eP	00	44.30	1.8		
SIO	25.36 342 e(P)	00	57.00	-0.8		
TUL	25.36 343 iPc	00	57.30	-0.5		
	1 2s 574.00nm			6.0mb		
RLO	25.39 344 iPc	00	57.40	-0.7		
NNA	25.61 157 eP	01	02.50	2.2		

	2.0s	247.06nm			5.4mb
BLA	25.99	12	eP	01 04.90	1.3
	1.1s	111.39nm			5.3mb
FVM	26.30	354	eP	01 05.00	-1.5
	1.0s	28.00nm			4.8mb
ALO	29.15	326	eP	01 32.00	-0.5
	1.0s	52.00nm			5.1mb
UTO	29.92	5	iPc	01 39.00	-0.1
GMTN	31.07	19	iP	01 50.60	1.4
			i	03 17.10	
			i	04 25.10	
			i	05 52.30	
ARE	31.90	151	eP	02 03.00	6.0X
GLD	32.27	333	eP	02 00.50	0.5
	1.0s	90.00nm			5.6mb
GOL	32.30	333	iP	02 00.00	-0.3
	0.9s	28.41nm			5.1mb
Z	18s	1.95um			4.8Msz
RMU	33.23	323	eP	02 09.10	0.7
GLA	33.25	314	eP	02 10.00	1.6
LPB	33.68	146	eP	02 04.00	-8.7X
	2.0s	235.29nm			5.7mb
RSNY	34.34	16	iP	02 18.30	0.6
	1.2s	110.34nm			5.7mb
Z	20s	11.86um			5.6Msz
BAR	34.37	312	eP	02 24.00	5.9X
TPC	34.68	315	eP	02 20.00	-0.7
OTT	34.84	14	eP	02 21.00	-0.8
PLM	34.85	313	eP	02 23.00	0.6
CCH	35.46	144	P	02 27.10	-0.7
MNT	35.47	16	iPc	02 37.70	10.5X
	1.1s	79.00nm			
RSSD	35.48	338	iP	02 29.30	1.7
	1.0s	52.50nm			5.4mb
RVR	35.55	313	eP	02 29.00	0.9
GSC	35.85	316	eP	02 26.00	-4.7X
MWC	36.15	313	eP	02 34.00	0.6
PAS	36.20	313	eP	02 35.00	1.4
SBB	36.23	314	eP	02 36.00	2.1
			e	04 58.00	
LHC	36.59	357	eP	02 35.50	-1.1
BDW	36.66	332	iP	02 37.00	-0.6
	1.0s	64.00nm			5.5mb
CLC	36.67	316	eP	02 38.00	0.4
MIM	36.67	21	eP	02 38.50	1.1
ISA	37.19	315	eP	02 43.00	1.0
SYP	37.68	312	eP	02 48.00	1.8
			e	05 04.00	
EUR	37.78	322	iP	02 47.20	0.1
	1.0s	13.46nm			4.8mb
MNA	38 51	319	eP	02 54.00	0.9
			ePcP	05 06.50	
BMN	39.12	322	iP	02 58.80	0.6
	1.5s	166.67nm			5.7mb
RSON	39.38	353	iP	02 58.30	-1.7
	1.1s	58.14nm			5.4mb
Z	20s	1.69um			4.9Msz
YJA	39.70	148	eP	03 04.00	0.5
JAS1	39.71	317	eP	03 03.60	0.6
			iPcP	05 09.90	
LRM	40.32	332	eP	03 07.50	-0.7
BKS	40.92	316	e(P)	03 19.80	7.0X
	0.9s	24.00nm			5.0mb
			ePcP	05 13.30	
ORV	41.30	318	eP	03 16.60	0.7
SES	43.33	338	iPc	03 51.60	19.2X
NEW	44.29	331	eP	03 39.00	-1.2
			e	05 24.00	
FFC	44.49	348	iPc	03 41.20	-0.5
	1.2s	130.00nm			5.6mb
PNT	46.21	331	eP	03 55.00	-0.4
	0.9s	112.00nm			5.8mb
EDM	46.46	338	iPc	03 56.70	-0.7
	0.9s	74.00nm			5.6mb
PEL	47.25	161	eP	04 03.60	-0.2
MDZ	47.61	159	eP	04 07.90	1.2
TACH	47.64	162	eP	04 11.70	4.8X
LNV	47.78	163	eP	04 08.60	0.7
TCA	47.89	154	ePd	04 08.00	-0.9
VAO	52.14	132	eP	04 39.60	-2.0
ITR	52.29	111	eP	04 39.40	-3.3X
FRB	53.49	10	eP	04 48.00	-2.8
YKC	54.38	345	ePc	04 55.00	-2.4
	0.8s	44.00nm			5.5mb
YKA	54.42	345	eP	04 56.60	-1.1
VBA	54.76	156	ePd	04 58.60	-1.9
INK	64.01	342	ePc	06 02.40	-1.5
	1.2s	97.00nm			5.7mb
TOA	65.56	334	eP	06 13.80	-0.2
PME	66.65	333	eP	06 19.80	-1.1
	1.0s	45.00nm			5.4mb
MBC	66.77	352	eP	06 20.00	-1.5
	0.9s	42.00nm			5.4mb
KDC	67.20	328	eP	06 23.50	-0.9
COL	67.29	336	iP	06 23.50	-1.4
	1.2s	46.88nm			5.4mb
FBA	67.29	336	ePc	06 23.50	-1.4
	1.2s	39.10nm			5.3mb
SVW	69.55	331	eP	06 37.30	-1.7
IMA	69.99	336	eP	06 40.10	-1.7
TTA	70.16	333	P	06 41.00	-1.7
ALE	71.44	3	eP	06 43.00	-7.1X
	1.0s	10.00nm			4.7mb
BRW	72.52	341	eP	06 55.20	-1.5
DAG	73.66	13	iPc	07 01.10	-2.1
	0.4s	6.78nm			4.9mb
			i	07 27.00	
TOL	77.07	52	e(P)	07 32.00	8.7X
LGR	78.02	49	e(P)	07 30.00	1.5
GRR	78.66	43	eP	07 30.60	-1.2
	0.8s	8.70nm			4.8mb
EPF	80.04	48	eP	07 39.40	-0.1
LFF	80.10	46	eP	07 39.50	-0.2
LPO	80.45	46	eP	07 41.20	-0.4
	0.9s	6.50nm			4.6mb
ADK	80.75	321	eP	07 43.60	0.6
TCF	80.96	45	eP	07 44.40	0.1
KIC	81.03	85	eP	07 44.20	-1.0
CAF	81.04	46	eP	07 44.90	0.2
MZF	81.23	45	eP	07 45.90	0.2
	0.9s	5.10nm			4.5mb
BGF	81.36	44	eP	07 46.50	0.2
GRC	81.41	44	iPc	07 46.60	0.1
AVF	81.67	44	eP	07 47.80	-0.1
	0.9s	2 40nm			4.2mb X
SSF	81.74	44	eP	07 48.10	-0.2
	0.8s	4.00nm			4.4mb
LOR	81.95	43	eP	07 49.50	0.1
	0.9s	4.90nm			4.5mb
SMF	82.03	44	eP	07 49.60	-0.2
NB2	83.68	29	P	07 58 60	0.6
	1.3s	9.90nm			4.7mb
BSF	83.81	43	eP	07 59.20	0.1
GWF	84.14	41	eP	07 56.80	-3.8X
MOX	86.31	39	eP	08 12.00	0.7
			e	08 49.00	
CLL	86.99	38	e(P)	08 12.00	-2.6
KHC	87.92	40	P	08 19.10	-0.1
			e	08 42.10	
PRU	88.29	39	eP	08 21.00	0.1
			e	08 58.00	
BUL	117.71	107	iPKPd	14 16.00	-0.8
MTD	120.32	103	iPKPd	14 22.00	0.3
BJI	124.20	339	ePKP	14 29.50	1.1
HHC	124.95	343	PKP	14 31.60	1.6
BTO	125.61	344	ePKP	14 31.80	0.5
RMQ	125.85	246	ePKP	14 33.00	0.9
TIA	127.19	336	PKPc	14 34.80	0.4
			PP	16 33.00	
TIY	127.56	341	PKP	14 35.20	0.1
GTA	128.71	353	iPKPd	14 38.00	0.7
SSE	129.59	328	iPKPd	14 40.00	1.0
	1.2s	79.00nm			
NJ2	129.96	331	PKPd	14 40.00	0.3
XAN	132.04	342	PKP	14 43.00	-0.7
CD2	136.36	347	ePKP	14 53.20	1.2
NDI	136.94	21	ePKP	14 53.50	0.4
GYA	139.80	341	PKP	14 59.00	0.4
			PKS	18 35.00	
KMI	142.16	346	ePKP	15 03.00	0.0
DAV	142.70	299	ePKP	15 03.00	-0.9
KNA	145.21	259	iPKPd	15 07.80	-0.2
QIZ	145.25	332	PKPc	15 08.50	0.4
			ePP	18 31.00	
HYB	147.62	27	ePKP	15 12.00	0.0
KLG	147.69	230	ePKP	15 14.50	2.7X
NWAO	149.48	223	ePKP	15 19 00	4.5X
LOE	149.80	344	ePKP	15 15.00	-0.4
KLB	149.93	225	ePKP	15 20.00	4.8X
KUPT	150.06	270	ePKP	15 24.20	8.4X
8DT	150.60	349	ePKP	15 17.60	1.1
	0.8s	139.10nm			
MUN	150.75	223	ePKP	15 17.00	0.6
KKM	151.03	306	ePKPd	15 24.30	6.8X
NST	151.88	346	ePKP	15 26.00	7.5X
MRWA	152.53	227	ePKP	15 26.00	6.9X
MBL	152.80	246	ePKP	15 26.00	6.3X
KOD	153.16	36	ePKP	15 22.00	1.2
IPM	161.97	334	ePKPd	15 32.90	1.9X
KGM	162.98	323	ePKPd	15 33.60	1.6
PSI	164.53	338	ePKPc	15 34.20	0.7
	1.2s	111.50nm			
PPI	166.66	327	ePKPd	15 35.50	0.3

S.D. = 1.2 on 137 of 163 obs.

• APR 19, 1985 18h 33m 28.62± 0.82s
11.459 N ±18.9km 86.946 W ±10.4km
DEPTH = 96.4 ± 17.5 km
4.6mb (13 obs.)
NEAR COAST OF NICARAGUA (74)

RIN	1.70	113	ePc	33 56.30	-1.3
JUD	1.88	133	iPc	33 59.30	-0 7
CAO	2.52	134	eP	34 07.90	-0.6
EPA	2.73	122	eP	34 12.30	0.8
POA	2.98	116	ePd	34 15.50	0.4
HDC	3.14	117	eP	34 17.50	0.4
IRZ	3.37	116	eP	34 21.30	0.7
CDM	3.66	121	eP	34 25.20	0.7
VHO	11.08	302	iP	36 05.00	-0.9
JCT	22.37	330	eP	38 20.50	0.7
PRM	22.91	10	P	38 26.00	1.2
LTX	23.65	321	iP	38 34.00	1.8
	1.0s	30.00nm			4.6mb
RSCP	24.06	3	eP	38 38.50	2.4
TUL	25.63	343	iPd	38 50.30	-0.5
	0.9s	83.30nm			5.2mb
RLO	25.66	345	iPd	38 50.40	-0.7
ALQ	29.35	326	eP	39 24.00	-0.8
	1.3s	10.58nm			4.3mb
GOL	32.53	333	eP	39 52.50	-0.2
RSNY	34.66	16	eP	40 10.30	-0.4
RSSD	35.73	339	eP	40 20.40	0.4
	0.9s	6.30nm			4.5mb
MNT	35.79	16	eP	40 20.00	-0.2
BDW	36.89	332	eP	40 30.00	0.2
	1.0s	8.00nm			4.6mb
EUR	37.96	322	eP	40 40.00	1.1
	1.0s	4.81nm			4.4mb
BMN	39.31	323	eP	40 51.20	1.2
	1.0s	5.00nm			4.3mb
RSON	39.67	353	eP	40 50.80	-1.9
	1.0s	6.50nm			4.4mb
SES	43.58	338	ePc	41 24.80	0.2
NEW	44.51	331	P	41 32.00	-0.2
	1.0s	4.50nm			4.3mb
FFC	44.76	348	iPc	41 33.60	-0.5
	0.8s	15.00nm			4.9mb
SCH	46.08	16	eP	41 43.00	-1.5
PNT	46.43	331	eP	41 48.00	0.7
	0.7s	11.00nm			4 8mb
YKC	54.64	345	eP	42 48.00	-1.4
	0.7s	12.00nm			5.0mb
YKA	54.69	345	eP	42 49.00	-0.7
INK	64.28	343	eP	43 55.00	-0.4
MBC	67.06	352	eP	44 13.00	-0.1
	0.7s	7.00nm			4.7mb
WB2	139.45	253	ePKP	52 49.30	2.0X
HYB	147.93	27	ePKP	53 07.00	5.1X
CHG	149.36	349	ePKP	53 08.00	3.9X
LOE	150.07	343	ePKP	53 13.00	7 9X
BDT	150.88	348	ePKP	53 15.20	8.9X
	0.8s	35.80nm			

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

• APR 19, 1985 19h 47m 25.85± 1.38s
35.739 N ± 8.9km 140.094 E ±13.7km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)

TOK	0.28	259	P	47 35.60	2.3
			S	47 44.30	
YOK	0.47	230	eP	47 37.00	1.0
			iS	47 46.50	
TSK	0.47	2	iPc	47 36.50	0.4
KYS	0.54	175	eP	47 36.50	-0.6
SRY	0.68	259	iPd	47 38.30	-0.7
OYM	0.76	246	iPd	47 39.10	-1.1
DDR	0.78	290	iPd	47 40.20	-0.2
			S	47 54.30	
MAT	1.72	298	iPd	47 52.80	-1.2

19c 19h

		eS	48 14.00		
S.D. = 1.4		on	8 of 8 obs		
• APR 19, 1985 21h 36m 03.76± 1.84s					
66.354 N ±18.5km 149.780 W ± 9.0km					
DEPTH = 10.0km (geophysicist)					
ALASKA					(676)
ML 3.4 (PMR).					
IMA	1.61	262	ePc	36 33.10	0.7
COL	1.68	150	eP	36 33.00	-0.3
			i	36 36.80	
			eS	36 56.00	
FBA	1.68	150	ePd	36 33.40	0.1
TTA	4.36	221	eP	37 10.20	-1.4
TOA	4.55	158	eP	37 15.40	1.2
PME	4.76	176	eP	37 16.40	-0.8
DWY	4.93	113	P	37 19.00	-0.6
PMS	5.13	179	eP	37 23.40	0.9
S.D. = 1.1		on	8 of 8 obs.		
? APR 19, 1985 22h 18m 21.51± 8.88s					
33.848 S ±19.9km 71.795 W ±76.2km					
DEPTH = 33.0km (normal)					
NEAR COAST OF CENTRAL CHILE					(135)
LNV	0.34	169	iPc	18 28.30	-1.4
			iS	18 36.60	
TACH	0.74	75	iPc	18 35.30	-0.2
			iS	18 52.50	
PEL	1.16	53	iPc	18 42.70	1.1
			iS	19 03.00	
FCH	1.36	68	iPc	18 45.10	0.5
			iS	19 09.70	
JACH	1.54	41	iPc	18 47.00	0.0
MDZ	2.65	69	eP	19 12.20	9.4X
			eS	19 56.30	
RFA	2.90	109	eP	19 08.30	1.8
TCA	6.57	70	ePd	19 56.80	-1.7
			S	21 24.80	
S.D. = 1.5		on	7 of 8 obs		
• APR 19, 1985 22h 26m 35.25± 0.99s					
11.457 S ±13.4km 165.599 E ±16 5km					
DEPTH = 33.0km (normal)					
SANTA CRUZ ISLANDS					(184)
HNR	5.91	289	eP	28 00.00	-2.9
SVO	6.14	291	eP	28 07.00	1.0
			eS	31 30.00	
NOU	10.82	176	iPd	29 09.70	-1.3
			iS	31 41.00	
MOM	20.33	296	eP	31 11.50	0.0
RMQ	21.81	224	eP	31 28.00	1.5
WB2	31.20	250	eP	32 53.20	-0.7
GYA	68.53	304	eP	37 37.00	-0.2
XAN	70.29	313	eP	37 47.60	-0.1
KMI	71.21	302	eP	37 54.50	0.8
CHG	72.26	294	eP	38 01.00	1.2
CDC	72.74	307	P	38 02.80	0.4
GTA	79.24	314	P	38 40.00	0.9
COL	83.76	18	eP	39 00.00	-2.0
BNG	146.66	261	iPkPc	46 16.20	1.6
	1.5s		48.00nm		
			i	46 29.70	
ITR	148.79	129	ePKP	46 20.60	2.6X
S D = 1.5		on	14 of 15 obs.		
APR 19, 1985 22h 28m 13 38± 1 01s					
40 612 N ± 6.0km 23.589 E ± 9 1km					
DEPTH = 10.0km (geophysicist)					
GREECE					(364)
SOH	0.28	320	iPgc	28 19.40	0 2
			iSg	28 23.40	
THE	0 48	273	ePg	28 22.90	-0.1
			eSg	28 29.70	
SRS	0.50	0	ePg	28 23 60	0.0
PAIG	0.69	174	ePg	28 27.00	0.0
KNT	0.76	317	ePgd	28 27.90	-0.3
			eSg	28 38.60	
GRG	0.97	291	ePg	28 32.00	0.2
S.D. = 0.3		on	6 of 6 obs		
• APR 19, 1985 22h 45m 21.70± 0.95s					
31.890 S ±10.4km 67.898 W ± 9.1km					
DEPTH = 33.0km (normal)					

SAN JUAN PROVINCE, ARGENTINA					(137)
CFA	0.41	314	iPd	45 31.10	0.1
			S	45 42.80	
RTCV	0.54	273	iPd	45 32.20	-0.8
			S	45 44.50	
RTLL	0.74	319	iPd	45 29.80	-6.0X
			S	45 40.70	
MDZ	1.28	219	eP	45 44 50	1.1
			iS	46 07.70	
TCA	2.87	80	iPd	46 06.30	0.0
			S	46 44.50	
RFA	2.91	189	ePc	46 05.90	-0.9
S.D. = 1.2		on	5 of 6 obs.		
APR 19, 1985 23h 27m 09.87± 0.64s					
44.296 N ± 6.8km 10.060 E ± 6.8km					
DEPTH = 10.0km (geophysicist)					
NORTHERN ITALY					(545)
ML 2.9 (LDG).					
FIR	1.01	121	ePg	27 29.50	0.6
			iSg	27 41 00	
SAL	1.35	14	ePg	27 35.00	0.3
			iSg	27 56.00	
CVF	1.93	207	Pn	27 42.40	-0.7
			Sn	28 06.50	
ORO	1.99	313	ePn	27 48.50	4.5X
			eSn	28 14.50	
			eSg	28 27.50	
CTI	2.08	32	ePn	27 44.50	-0.9
			eSn	28 10.00	
FRF	2.57	255	Pn	27 52.70	0.4
			Sn	28 23.70	
LMR	2.74	251	Pn	27 54.70	0.0
			Sn	28 27.40	
HAU	4.52	327	Pn	28 20.20	0.3
			Sn	29 13.20	
S.D. = 0.7		on	7 of 8 obs.		
APR 19, 1985 23h 59m 13.69± 0.65s					
28.304 N ±10.0km 53.646 E ± 6.6km					
DEPTH = 33.0km (normal)					
4.6mb (6 obs.)					
SOUTHERN IRAN					(353)
SHI	1.66	324	iPc	59 46.00	5.0X
KHI	7.22	35	eP	01 00.00	0.2
TEH	7.66	346	eP	01 05.60	-0.9
IR2	7.70	343	eP	01 06.00	-0.4
KER	8.22	319	eP	01 49.00	35.2X
MHI	9.38	30	eP	01 30.00	0.3
			eSn	03 26.00	
TAB	11.50	330	eP	02 04.00	5.2X
QUE	11.77	78	eP	02 01.00	-1.5
RTB	12.44	296	eP	02 09.00	-2.2
			e	09 32.00	
			e	11 23.00	
			e	11 49.50	
NDI	20.72	83	eP	03 50.00	-3.8X
GBA	26.52	119	P	04 51.00	0.8
MLR	27.82	316	eP	05 00.00	-2.0
PKI	28.03	84	eP	05 03.40	-0.9
	1.0s		18.00nm	4.7mb	
KBA	36.49	312	iP	06 18.00	0.2
	0.7s		7.30nm	4.7mb	
			i	06 26.10	
KHC	36.98	315	iPc	06 22.20	0.5
CTI	37.36	310	e(P)	06 25.50	0.5
BRG	37.37	318	e(P)	06 26.40	1.5
NUR	37.67	337	iP	06 27.60	0.3
CLL	38.08	318	eP	06 27.00	-3.8X
GRF	38.61	315	eP	06 38.00	2.6X
	0.7s		9.00nm	4.7mb	
SUF	38.83	340	eP	06 38.00	1.0
KJF	39.54	343	eP	06 43.00	0.1
BNG	40.93	241	iPd	06 59.30	4.4X
	1.0s		7.90nm	4.4mb	
HFS	41.70	331	eP	07 00.20	-0.4
	0.3s		2.90nm	4.5mb	
SOD	42.36	345	eP	07 12.00	6.0X
DOU	42.86	314	P	07 12.20	1.9
NB2	43.21	331	P	07 12.60	-0.5
	0.5s		1.60nm	4.0mb	
GRC	43.39	310	iPc	07 15.00	0.4
KEV	44.23	347	eP	07 22.00	0.8
KIC	59.25	260	eP	09 13.70	-0.9

MBC	75.61	358	eP	10 56.00	-0.5
FRB	77.67	337	eP	11 08.00	-0.1
YKA	89.03	355	eP	12 07.40	1.1
YKC	89.04	355	eP	12 07.00	0.7
S.D. = 1.0		on	26 of 34 obs.		
• APR 20, 1985 01h 37m 58.90± 0.67s					
7.489 N ± 8.7km 73.207 W ±10.4km					
DEPTH = 149.5 ± 10.3 km					
4.4mb (1 obs.)					
NORTHERN COLOMBIA					(99)
UAV	2.33	61	iPnd	38 39.20	0.7
	0.4s		118.20nm		
SDV	2.90	61	iPnc	38 46.20	0.5
	0.2s		247.30nm		
BOG	2.97	197	iP	38 48.50	1.7
			iS	39 24.00	
TOV	4.08	56	iPnc	39 00.70	-0.2
	0.4s		75.00nm		
CAR	6.89	64	iPnc	39 37.10	-1.7
	0.7s		150.68nm		5.5mb X
PSO	7.48	213	eP	39 45.00	-2.0
PCJ	10.90	340	eP	40 31 75	-0.1
			eS	42 21.28	
HOJ	11.00	342	eP	40 32.99	-0.3
			eS	42 26.33	
GWJ	11.07	342	eP	40 34.23	0.0
			eS	42 27.03	
STH	11.10	342	eP	40 22.75	-11.7X
			eS	42 25.23	
SJG	12.60	32	eP	40 50.00	-4.1X
ALQ	40.97	317	e(P)	45 22.00	-6.7X
SCH	47.48	5	eP	46 21.00	0.7
FRB	56.25	2	eP	47 25.00	-0.5
YKC	62.56	340	eP	48 08.00	-0.7
YKA	62.61	340	eP	48 09.10	0.0
INK	72.36	340	eP	49 10.00	0.2
			pP	49 41.00	124kmX
MBC	73.13	350	eP	49 16.00	1.8
	0.5s		4.00nm		4.4mb
			pP	49 46.00	119kmX
WB2	150.56	242	iPKPd	57 36.10	6.5X
			e	58 09.80	
S.D. = 1.2		on	15 of 19 obs.		
• APR 20, 1985 02h 26m 30 55± 2.39s					
56.170 S ± 9.0km 27.499 W ± 9.8km					
DEPTH = 109.8 ± 20.9 km					
5.0mb (5 obs.)					
SOUTH SANDWICH ISLANDS REGION					(153)
SNA	17.93	152	iPd	30 33.30	-0.5
	0.8s		73.13nm		5.0mb
VBA	29.21	294	ePd	32 22.30	-1.2
SPA	34.01	180	eP	33 06.80	1.4
	1.0s		36.00nm		5.1mb
TCA	35.83	298	ePd	33 19.80	-1.2
VAO	36.10	329	eP	33 25.00	1.7
MAW	40.16	144	eP	33 57.00	0.5
BAO	43.38	331	iP	34 24.70	1.1
SBA	45.95	184	e(P)	34 42.10	-1.1
ITR	48.06	345	iPd	35 00.50	0.0
	1.0s		28.00nm		5.0mb
			i	35 04.20	
			i	35 07.70	
			e	35 19.40	
CCH	48.45	307	P	35 03.10	-0.7
LPB	50.08	306	iPd	35 16.80	0.4
	1.1s		93.67nm		5.7mb
ARE	51.72	302	iPd	35 28.70	0.0
BUL	54.77	73	eP	35 53.00	2.0
			i	36 13.00	
MTD	59.13	73	eP	36 20.00	-1.7
			i	36 43.00	
KIC	65.08	25	iP	37 01.00	-0.1
BNG	71.13	49	iPd	37 38.50	-0.3
	0.8s		6.10nm		4.5mb
KRP	84.24	198	P	38 51.20	0.7
VHO	93.13	297	eP	39 29.00	-4.2X
GLA	115.35	292	ePdiff	41 27.00	14.7X
MSU	118.25	298	PKP	45 06.30	0.5
DUG	119.86	298	PKP	45 09.00	0.3
APO	120.88	22	ePKP	45 08.00	-1.8
	0.7s		3.20nm		
JAS1	122.00	291	ePKP	45 14.00	1.4
ARN	122.15	290	PKP	45 14.00	1.0

BMN	122.24	296	iPKP	45	13.80	0.6
	0.8s		4.71nm			
HPI	122.66	301	PKP	45	15.00	0.9
NUR	123.40	28	iPKP	45	14.60	0.0
FRB	123.70	339	ePKP	45	15.00	-0.1
GAS	124.48	291	PKP	45	19.00	1.4
DMN	124.95	92	ePKP	45	17.90	-1.1
KKN	125.19	92	ePKP	45	19.70	0.3
SUF	125.66	27	iPKP	45	18.10	-0.8
	0.5s		2.00nm			
SES	126.63	308	ePKP	45	21.00	-0.3
KJF	127.28	27	iPKP	45	22.00	0.0
	0.7s		10.70nm			
SOD	129.61	24	iPKP	45	26.30	0.0
EDM	129.64	309	ePKP	45	26.50	-0.4
PNT	129.82	302	ePKP	45	28.00	0.6
KEV	131.61	22	ePKP	45	31.00	0.9
YKA	136.14	318	ePKP	45	25.20	-13.7X
MBC	144.02	336	ePKP	45	51.00	-1.7
	0.8s		61.00nm			
INK	145.77	321	ePKP	45	55.00	-0.8
	0.7s		84.00nm			
PME	150.23	305	ePKP	46	08.70	5.7X
PMR	150.26	305	PKP	46	01.20	-1.9
COL	150.47	312	iPKPd	46	09.00	5.7X
	0.8s		38.06nm			
			e	46	16.00	
FBA	150.47	312	PKP	46	08.30	5.0X
IMA	153.07	313	ePKP	46	15.70	8.4X
TTA	153.70	306	ePKP	46	17.10	8.9X
BRW	154.00	325	ePKP	46	16.00	7.8X
	S.D. = 1.1		on	39	of 48	obs.

• APR 20, 1985 02h 37m 29.91± 1.63s
18.386 N ±19.3km 105.102 W ± 8.3km
DEPTH = 33.0km (normal)
4.2mb (9 obs.)
OFF COAST OF JALISCO, MEXICO (54)

III	5 35	89	eP	38	49.00	-0.8
TAC	5 69	79	eP	39	08.00	13.4X
IIC	5.70	75	eP	38	56.00	1.2
LTX	10 98	7	eP	40	09.00	1.2
	0.9s		5.98nm		4.8mb	
ALO	16.53	356	eP	41	22.00	0.9
	1.0s		12.50nm		4.0mb	
BAR	17 63	326	eP	41	40.00	5.3X
BHO	18.36	28	eP	41	43.20	-0.4
OCO	18.36	20	e(P)	41	43.00	-0.7
TPC	18.46	330	eP	41	45.00	0.1
SIO	18 97	23	eP	41	49.30	-1.8
RVR	19.02	327	eP	41	51.00	-0.7
TUL	19.30	23	iPd	41	53.30	-1.7
	1.4s		146.10nm		5.0mb	
Z	19s		0.53um		5.1Msz	
RMU	19.32	346	eP	42	00.00	4.5X
SDW	19.36	329	P	41	55.50	-0.3
MWC	19.56	326	eP	41	58.00	-0.1
PAS	19.56	326	eP	41	57.00	-1.0
GSC	19.79	331	eP	42	01.00	0.5
S8B	19 80	328	eP	42	01.00	0.5
RLO	19.82	25	iPd	41	58.80	-2.0
CLC	20.58	330	eP	42	08.00	-0.8
ISA	20.89	328	eP	42	11.00	-0.9
MSU	20.98	344	P	42	12.50	-0.5
GOL	21.24	359	eP	42	17.00	1.3
	1.0s		5.50nm		3.9mb	
POW	21.55	32	P	42	21.00	2.5
EUR	23.04	338	iP	42	35.20	1.7
	1.2s		7.27nm		4.1mb	
BMN	24 33	337	eP	42	46.00	0.1
	1.0s		4.50nm		4.0mb	
RSCP	24.34	41	iP	42	45.50	-0.5
	0.9s		15.25nm		4.6mb	
BDW	24.61	352	eP	42	50.50	1.8
	1.0s		3.00nm		3.8mb	
PRM	25 61	48	iP	42	58.50	0.5
FFC	36.35	3	eP	44	30.00	-2.6X
	0.8s		5.00nm		4.5mb	
	S.D. = 1.2		on	26	of 30	obs.

• APR 20, 1985 02h 54m 10.77± 0.74s
46.030 N ± 8.8km 113.561 W ± 6.4km
DEPTH = 5.0km (geophysicist)
MONTANA (456)
ML 3.2 (NEIS).

BUT	0.70	91	eP	54	23.90	-0.8
			eS	54	30.90	
LRM	0.80	105	iPd	54	25.50	-1.5
HRY	1.38	60	eP	54	37.40	0.6
SXM	1.64	85	eP	54	41.40	0.8
HPI	2.34	172	P	54	51.80	1.0
IMW	2.83	138	P	54	58.00	0.2
TMI	2.97	156	P	55	00.00	0.4
NEW	3.30	314	P	55	05.00	0.8
MFW	3.38	270	P	55	03.70	-1.6
BMN	6.20	207	P	55	56.00	10.7X
	S.D. = 1.2		on	9	of 10	obs.

APR 20, 1985 03h 08m 28.07± 0.82s
38.144 N ± 6.5km 74.197 E ± 6.5km
DEPTH = 144.2 ± 10.1 km
4.7mb (11 obs.)
TAJIK-XINJIANG BORDER REGION (719)

KSH	1.91	46	Pc	09	04.00	1.7
			iS	09	29.00	
NDI	9.77	164	iPc	10	46.00	-0.1
	0.6s		30.00nm		5.1mb	
			iS	12	25.00	
QUE	9.95	219	eP	10	48.90	0.2
			eS	12	36.00	
WMQ	11.67	57	iPc	11	09.90	-1.3
MHI	11.87	266	eP	11	12.00	-1.8
			e	11	23.00	
KKN	13.89	135	eP	11	38.40	-1.6
	0.4s		18.00nm		4.8mb	
DMN	13.93	136	eP	11	40.90	0.3
	0.3s		27.00nm		5.1mb	
PKI	14.13	135	eP	11	42.40	-0.8
	0.4s		12.00nm		4.6mb	
IR2	18.79	270	(P)	12	40.00	1.1
GTA	20.00	78	P	12	52.20	0.8
HYB	21.00	168	eP	13	03.50	2.0
			eS	16	55.00	
KJF	37.75	329	eP	15	32.00	1.0
SUF	37.93	326	iP	15	32.70	0.2
	0.6s		2.50nm		4.1mb	
NUR	38.04	322	eP	15	31.00	-2.4
SOD	39.37	333	eP	15	45.00	0.5
HFS	43.38	321	eP	16	16.60	-0.7
	0.5s		7.30nm		4.6mb	
BRG	43.64	307	i(P)	16	20.20	0.7
	0.6s		8.00nm		4.5mb	
KHC	44.12	305	eP	16	24.50	1.0
NBZ	44.63	322	P	16	27.00	-0.4
	0.5s		2.20nm		4.1mb	
BNG	60.61	251	iPc	18	25.80	-0.1
	1.0s		23.70nm		5.1mb	
MBC	65.56	4	iPd	18	57.30	-0.2
	0.6s		19.00nm		5.2mb	
			pP	20	41.00	496kmX
INK	71.87	10	ePd	19	36.00	-0.4
			pP	20	17.00	170kmX
COL	72.16	17	eP	19	38.00	-0.2
	0.8s		5.97nm		4.4mb	
KIC	77.41	268	iPKP	20	09.40	0.5
YKA	79.46	4	eP	20	19.60	0.4
YKC	79.48	4	eP	20	19.00	-0.3
SPA	127.96	180	e(PKP)	27	14.80	-2.5X
	S.D. = 1.1		on	26	of 27	obs.

• APR 20, 1985 03h 18m 43 49± 0.98s
45.354 S ±11.5km 168.134 E ± 9.8km
DEPTH = 10.0km (geophysicist)
3.9mb (1 obs.)
SOUTH ISLAND, NEW ZEALAND (162)

MSZ	0.70	347	iP	18	56.00	-1.3
TCW	6.10	49	eP	20	17.00	1.2
KRP	9.26	39	eP	20	59.30	-0.6
			eS	22	32.00	
WAM	17.18	295	eP	22	44.40	-0.6
			eTT	37	47.30	
CAN	17.66	298	eP	22	51.50	0.4
			eTT	38	07.40	
YOU	18.73	299	eP	22	48.80	-15.4X
			eTT	38	12.00	
SBA	32.61	181	eP	25	15.70	-1.1
WB2	37.65	301	eP	26	01.00	0.6
WRA	37.65	301	Pd	26	01.90	1.4
	0.4s		0.90nm		3.9mb	
SOD	150.16	331	ePKP	38	44.00	14.5X
KJF	151.09	325	iPKP	38	41.50	10.6X
	0.8s		17.60nm			
SUF	152.29	322	iPKP	38	43.70	11.0X
	0.5s		3.00nm			
NUR	153.71	318	ePKP	38	48.00	13.2X
	S.D. = 1.2		on	8	of 13	obs.

• APR 20, 1985 04h 40m 58.17± 2.67s
33.869 S ±12.4km 71.735 W ±23 2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.28	108	iPc	41	05.40	-0.3
TACH	0.70	72	iP	41	10.90	-0.7
PEL	1.14	51	iPd	41	17.70	-0.2
FCH	1.32	66	iPd	41	20.80	0.0
JACH	1.52	39	iP	41	22.90	-0.6
MDZ	2.61	69	eP	41	41.80	2.8X
			iS	42	23.70	
RFA	2.85	109	ePc	41	44.40	2.0
			(S)	42	30.00	
RTCV	3.35	54	ePc	41	51.30	1.7
			S	42	44.60	
ZON	3.46	49	eP	41	56.00	4.8X
CFA	3.71	54	ePc	41	55.00	0.4
			S	42	48.70	
RTLL	3.74	48	ePc	41	56.00	1.0
			S	42	45.80	
TCA	6.53	69	ePc	42	32.00	-2.6
			S	43	53.30	
CYA	7.43	45	e(P)	42	40.50	-6.5X
VBA	8.94	121	ePc	43	07.30	-0.8
CCH	17.17	18	eP	44	58.00	0.5
LPB	17.57	12	P	45	02.00	-0.6
ITR	39.53	59	e(P)	48	24.00	-3.8X
	S.D. = 1.3		on	13	of 17	obs

APR 20, 1985 06h 20m 34 39± 0 61s
44.474 N ± 6.0km 114.273 W ± 6 2km
DEPTH = 10.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.3 (NEIS).

HPI	1.14	132	P	20	55.80	-0.1
LRM	1.87	43	iPnc	21	06.80	-0.1
BUT	1.96	38	ePn	21	08.20	0.1
			ePg	21	11.00	
			eSn	21	33.30	
			eSg	21	36.30	
TMI	2.06	124	P	21	10.30	0.5
IMW	2.47	102	P	21	16.50	0.9
SXM	2.74	51	ePn	21	19.20	-0.1
HRY	2.82	37	ePn	21	19.20	-1.2
MFW	3.25	298	P	21	27.50	1.0
BDW	3.81	115	P	21	40.00	5.3X
NEW	4.27	334	eP	21	41.00	0.0
			eLg	22	50.50	
BMN	4.59	209	P	21	44.50	-1.1
	S.D. = 0.8		on	10	of 11	obs

? APR 20, 1985 06h 21m 32.32± 3.48s
33.402 S ±12.1km 71.614 W ±32 9km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.58	163	iPd	21	43.60	-0 4
			i(S)	21	52.60	
TACH	0.62	114	iPd	21	44.10	-0 5
PEL	0.82	72	iPd	21	47.10	-0 4
FCH	1.11	87	iPd	21	51.70	-0.2
JACH	1.12	50	iPc	21	50.80	-1.0
MDZ	2.38	78	eP	22	13.90	4.0X
			iS	22	47.90	
RFA	2.95	118	ePc	22	19.80	1.8
			S	23	05.50	
RTCV	3.02	60	ePd	22	20.20	1.3
ZON	3.10	54	eP	22	25.00	5.0X
CFA	3.37	59	e(P)	22	24.60	0.7
			S	23	10.60	
RTLL	3.37	53	ePd	22	25.20	1.2
			S	23	10.06	
TCA	6.29	73	ePd	23	02.80	-2 5
			S	24	14.30	
	S.D. = 1.5		on	10	of 12	obs

• APR 20, 1985 06h 45m 09.64± 0 65s
6.523 S ±11.2km 154.942 E ± 7 6km

20d 06h

DEPTH = 48.8 ± 7.2 km
4.6mb (3 obs.)
SOLOMON ISLANDS (193)
Felt (III) at Arowa, Bougoinville.

BGA	0 44	33	iPd	45	21.00	0.7
PAA	0.59	68	iPd	45	21.00	-1.1
			eS	45	26.00	
SVC	5.49	119	eP	46	32.00	1.0
HNR	5.74	121	e(P)	46	45.00	10.5X
LMG	7.14	250	eP	46	52.50	-1.7
PMG	8.23	249	eP	47	10.00	0.8
WB2	24.03	234	eP	50	21.90	0.6
CHTO	60.65	296	iP	55	19.00	0.5
PKI	75.14	361	eP	56	49.50	0.1
	0.5s	3.00nm			4.5mb	
KKN	75.31	301	eP	56	50.80	0.6
	0.6s	5.00nm			4.6mb	
DMN	75.41	301	eP	56	51.40	0.6
	0.6s	9.00nm			4.9mb	
COL	82.70	21	eP	57	28.00	-1.2
SPA	83.52	180	e(P)	57	33.60	0.0
YKA	95.95	28	eP	58	32.60	0.3
YKC	96.01	28	eP	58	33.00	0.4
BAO	148.37	134	e(PKP)	04	48.20	-1.6
S.D. = 1.0 on 15 of 16 obs.						

? APR 20, 1985 08h 49m 29.89± 5.73s
24.248 N ±11 1km 122.308 E ±46.8km
DEPTH = 10 0km (geophysicist)
TAIWAN REGION (243)

TWC	0.55	311	iPd	49	40.70	-0.4
			eS	49	47.40	
TWD	0.67	256	iPd	49	43.50	0.3
			eS	49	52.00	
TATO	1.04	314	eP	49	49.40	-0.1
			eS	50	05.00	
TWZ	1.07	322	iPd	49	50.00	-0.1
			eS	50	02.80	
ANP	1.18	322	iPc	49	52.50	0.6
	0.8s	895.52nm				
			eS	49	57.00	
TWK	1.93	240	iPd	50	03.00	-0.2
S.D. = 0.5 on 6 of 6 obs.						

& APR 20, 1985 09h 33m 56.90s
37.420 N 118.650 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.0 (PAS).

TIN	0.50	137	iPd	34	05.90	-1.0
			eS	34	13.00	
FPI	0.95	243	eP	34	14.50	-0.8
CWC	1.08	155	iPd	34	16.10	-1.6
			eS	34	31.10	
MNA	1.08	21	eP	34	16.90	-0.9
JAS1	1.49	290	eP	34	23.80	-0.5
VPEM	1.61	155	eP	34	26.00	-0.1
WKTM	1.63	174	eP	34	26.40	0.1
ISA	1.76	175	iPd	34	28.60	0.4
			iS	34	51.20	
SLD	2.08	261	eP	34	33.80	1.0
EUR	2.94	45	iP	34	50.60	5.3
10 obs. associated						

? APR 20, 1985 09h 47m 36.25±10.18s
6.221 S ±98.1km 136.189 E ±17.6km
DEPTH = 33.0km (normal)
WEST IRIAN REGION (196)

MTN	8.26	217	eP	49	38.00	1.3
KNA	11.94	217	eP	50	26.00	-1.3
WB2	13.76	187	eP	50	50.70	-0.7
			eS	53	43.80	
CTA	16.90	146	eP	51	32.00	0.0
ASPA	17.48	187	eP	51	40.00	0.7
S.D. = 1.4 on 5 of 5 obs						

APR 20, 1985 10h 35m 39.38± 0.79s
37 405 N ± 4 4km 142.383 E ± 6.7km
DEPTH = 53 8 ± 5.7 km
4 8mb (19 obs.)
OFF EAST COAST OF HONSHU, JAPAN (229)

ISN	1.33	320	Pd	36	00 40	-1.5
			iS	36	18.00	
SEN	1.45	306	Pd	36	02.80	-0.8
			S	36	21.30	
FKS	1.56	284	eP	36	06.00	0.9
			iS	36	29.10	
OFU	1.73	343	eP	36	08.00	0.4
			eS	36	30.00	
YAM	1.82	298	eP	36	09.00	0.2
			iS	36	32.70	
MIT	1.84	237	P	36	09.50	0.4
			iS	36	37.10	
CHO	2.09	217	eP	36	17.00	4.5X
			S	36	46.70	
TSK	2.18	238	iPc	36	13.00	-0.9
UTS	2.19	248	eP	36	14.00	0.0
			eS	36	45.00	
MRK	2.48	338	P	36	18.10	0.1
			S	36	49.40	
NII	2.69	282	eP	36	33.00	11.9X
			S	37	08.00	
TOK	2.72	232	P	36	21.80	0.3
			S	37	02.10	
KYS	2.85	220	eP	36	23.50	0.1
AKI	2.92	323	P	36	27.80	3.4X
			S	37	05.30	
DDR	2.92	242	iPc	36	23.90	-0.6
YOK	2.95	229	P	36	29.50	4.7X
			S	37	09.00	
SRY	3.08	235	iPd	36	26.30	-0.4
TAT	3.16	221	eP	36	28.00	0.2
			S	37	07.30	
OYM	3.22	233	eP	36	29.20	0.6
MAT	3.45	257	iPc	36	32.90	1.0
			eS	37	21.00	
KOF	3.54	242	eP	36	35.00	1.9
			eS	37	27.00	
AOM	3.63	340	eP	36	43.00	8.7X
			eS	37	29.00	
SHK	8.37	253	ePc	37	40.30	-0.5
MDJ	12.04	311	eP	38	32.60	2.0
CN2	14.35	302	eP	39	02.00	1.0
			eS	41	41.00	
DL2	16.40	282	P	39	26.00	-1.3
SSE	18.60	256	eP	39	53.40	-1.2
NJ2	20.04	262	eP	40	08.80	-1.8
TIA	20.25	274	eP	40	10.10	-2.6
BJI	20.59	285	eP	40	14.00	-2.2
TIY	23.70	280	eP	40	44.60	-2.5
HHC	24.09	288	eP	40	50.80	-0.1
WHN	24.18	262	Pd	40	53.00	1.3
XAN	27.29	273	P	41	20.00	-0.8
GZH	28.72	248	eP	41	34.50	0.8
LZH	30.77	279	eP	41	51.50	-0.5
GYA	32.05	261	P	42	02.80	-0.4
CD2	32.45	270	eP	42	06.40	-0.2
GTA	33.20	287	Pd	42	13.20	0.1
QIZ	33.79	246	eP	42	19.60	1.3
KMI	35.78	262	eP	42	35.00	-0.5
			pP	42	45 00	34kmX
WMO	41.36	297	Pc	43	22.30	0.6
CHTO	42.13	256	eP	43	28.50	0.4
	0.8s	5.86nm			4.4mb	
COL	48.38	32	e(P)	44	23.00	5.7X
	0.7s	6.85nm			4.8mb	
PKI	48.41	276	eP	44	18 80	0.3
	0.9s	20.00nm			5.1mb	
KKN	48.42	276	eP	44	19.20	0.8
	0.8s	38.00nm			5.5mb	
IPM	49.92	239	ePd	44	31.00	1.2
KGM	50.28	235	ePd	44	34.00	1.5
INK	53.71	27	eP	44	57.00	-0.6
MBC	55.95	17	eP	45	18.00	4 2X
WB2	57.54	189	iPc	45	24.60	-1.1
WRA	57.54	189	Pc	45	24.30	-1.4
	0.7s	18.10nm			5.3mb	
HYB	58.99	269	eP	45	36.00	0.0
ALE	59.71	4	ePc	45	39.30	-0.8
	0.9s	5.00nm			4.6mb	
ASPA	61.27	189	iPc	45	50 60	-0.7
	0.8s	13.00nm			5.1mb	
YKA	63.10	30	eP	46	02.60	-0.5
KEV	63.37	339	eP	46	14.00	9.2X
SOD	64.92	337	iP	46	14 30	-0.7
KJF	66.52	334	iP	46	25 00	-0.2
	0.8s	26.40nm			5 3mb	
			i	46	35 70	

SUF	68.00	334	iPc	46	33.70	-0.9
	0.4s	7.10nm			5.0mb	
NUR	69.98	332	iP	46	46.60	-0.1
	0.6s	13.00nm			5.0mb	
	Z 17s	0.20um			4.4MszX	
FFC	72.97	33	eP	47	04.00	-0.8
	0.7s	5.00nm			4.6mb	
BMN	73.68	51	e(P)	47	13.00	3.7X
WB2	74.14	338	P	47	11.60	0.1
	0.7s	6.70nm			4.7mb	
FRB	76.23	14	eP	47	23.00	-0.3
BDW	76.84	46	eP	47	26.50	-0.9
SPC	79.71	326	e(P)	47	44.50	1.6
COZ	80.53	321	eP	47	50.00	2.7X
BRG	81.12	330	e(P)	47	51.20	1.1
	1.0s	10.00nm			4.7mb	
CLL	81.16	331	eP	47	51.00	0.8
	1.2s	14.00nm			4.8mb	
PRU	81.57	329	eP	47	48.00	-4.4X
			e	47	53.50	
KHC	82.63	329	iPc	47	59.00	1.0
ALQ	83.76	50	eP	48	04.00	-0.3
	1.0s	5.25nm			4.5mb	
VAY	84.28	319	eP	48	07.70	1.2
KBA	84.33	328	iP	48	07.60	0.7
	0.7s	3.70nm			4.6mb	
			i	48	18.00	
OHR	85.35	320	eP	48	12.70	0.7
CDF	85.69	332	eP	48	14.20	0.6
LOR	87.90	333	eP	48	23.80	-0.5
	1.0s	4.80nm			4.7mb	
SSF	88.21	333	eP	48	26.30	0.6
	1.1s	5.80nm			4.7mb	
SMF	88.44	333	eP	48	27.60	0.7
AVF	88.49	333	eP	48	27.80	0.7
	0.9s	5.80nm			4.8mb	
LPB	146.03	61	PKP	55	16.00	1.2
CCH	147.96	59	(PKP)	55	26.00	8.2X
ITR	151.48	2	e(PKP)	55	07.00	-15.9X
ITR	151.48	2	e(PKP)	55	30.00	7.1X
S.D. = 1.0 on 71 of 85 obs						

? APR 20, 1985 10h 36m 40.85± 3.27s
33.226 S ±17.1km 73.080 W ±28.6km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.57	118	iPd	37	06.20	-0.5
TACH	1.84	104	iP	37	10.20	-0.5
			iS	37	29.00	
PEL	2.01	88	iPc	37	13.80	0.6
			iS	37	35.10	
JACH	2.16	76	iPd	37	16.00	0.7
FCH	2.34	93	iP	37	18.50	0.4
MDZ	3.57	86	eP	37	43.90	8.6X
			e	38	11.70	
			i(S)	38	35.40	
ZON	4.08	67	eP	37	52.00	9.4X
RFA	4.13	113	ePc	37	44.00	0.7
TCA	7.43	78	ePd	38	28.30	-1.5
			S	38	55.00	
CCH	16.97	23	P	40	47.60	9.9X
LPB	17.22	16	eP	40	41.00	0.1
			i	40	53.00	
S.D. = 0.9 on 8 of 11 obs.						

* APR 20, 1985 11h 48m 52.78± 2.57s
36.547 N ±21.4km 139.898 E ±14.6km
DEPTH = 33.0km (normal)
HONSHU, JAPAN (227)

TSK	0.38	153	iPc	49	01.90	0.3
DDR	0.79	226	iPc	49	08.00	0.5
			S	49	22.50	
SRY	1.06	209	eP	49	11.10	-0.3
OYM	1.24	205	eP	49	14.10	0.1
MAT	1.36	270	iPc	49	15.50	-0.2
			iS	49	36.10	
KYS	1.36	171	eP	49	15.20	-0.4
S.D. = 0.5 on 6 of 6 obs.						

? APR 20, 1985 11h 57m 41.88± 3.90s
14.408 N ±47.5km 92.739 W ±15.9km
DEPTH = 33.0km (normal)
3.7mb (2 obs.)
NEAR COAST OF CHIAPAS, MEXICO (69)

```
COM      1.93  18 iP     58 28.00   14.9X
                 iS     58 57.00
VHO      4.76 307 eP     58 52.00   -1.4
                 iS     59 29.00
III      7.57 302 eP     59 34.00    1.1
LTX     17.97 328 eP     01 51.50    0.6
        0.9s      1.88nm          3.2mb
BHO     19.98 355 eP     02 13.30   -1.1
TUL     21.59 353 e(P)   02 30.70   -0.1
        0.8s      9.60nm          4.3mb
RLO     21.76 355 eP     02 33.90    1.3
ALQ     23.89 331 e(P)   02 37.00  -16.8X
YKC     50.43 347 eP     06 37.50   -0.5
YKA     50.47 347 eP     06 38.70    0.4
INK     59.83 344 eP     07 46.00   -0.1
     S.D. = 1.0  on   9 of  11 obs.

   APR  20, 1985  12h 31m 50.77± 0.50s
   33.161 S ± 7.7km   72.419 W ± 6.0km
   DEPTH =  33.0km  (normal)
   4.5mb (  7 obs.)
 OFF COAST OF CENTRAL CHILE          (134)

LNV      1.16 134 iPd    32 10.80    0.2
TACH     1.33 112 iPd    32 12.50   -0.7
PEL      1.45  90 iPc    32 13.70   -1.3
JACH     1.61  73 iP     32 51.50   34.2X
FCH      1.79  96 iPc    32 19.00   -1.2
MDZ      3.01  86 eP     32 39.90    2.6X
                 iS     33 18.30
RTCV     3.53  69 ePc    32 46.00    1.4
                 S      33 37.00
ZON      3.55  64 eP     32 47.00    2.0
RFA      3.66 117 ePc    32 46.40   -0.1
                 S      33 43.60
RTLL     3.81  62 ePc    32 49.50    0.9
                 (S)    33 41.50
CFA      3.86  67 ePc    32 48.00   -1.3
                 S      33 44.10
TCA      6.88  77 ePd    33 28.00   -3.9X
                 S      34 48.00
CYA      7.39  52 e(P)   33 32.50   -6.6X
ANT      9.58  11 e(P)   34 20.50   11.0X
VBA      9.80 123 ePc    34 08.80   -3.7X
YJA     12.54  31 e(P)   35 07.00   16.8X
CCH     16.70  21 eP     35 45.00    0.8
LPB     17.01  14 eP     35 48.00   -0.2
SPA     57.02 180 eP     41 37.70    2.1
        1.0s      5.50nm          4.5mb
LTX     68.85 331 iP     42 53.50   -0.7
        0.9s      1.54nm          4.1mb
BHO     70.42 340 eP     43 03.50    0.0
        0.7s      2.50nm          4.4mb
TUL     72.11 340 eP     43 13.30   -0.4
        1.3s     10.60nm          4.7mb
RLO     72.14 341 eP     43 13.00   -0.9
FVM     72.74 345 eP     43 16.00   -1.4
        1 0s     10.00nm          4.8mb
ALQ     74.89 332 eP     43 30.20    0.0
        1.0s      7.00nm          4.6mb
GLD     78.65 335 eP     43 52.00    0.9
GOL     78.66 335 eP     43 51.50    0.3
MSU     80.31 329 P      43 59.00   -1.1
BDW     82.88 333 eP     44 14.00    0.5
        1.0s      1.80nm          4.1mb
RSON    85.74 347 eP     44 26.80   -0.5
COL    113.71 333 ePdiff 46 35.00    0.7
GBA    146.36 118 PKP    51 29.00    0.0
     S.D. = 1.0  on  25 of  32 obs.

&  APR  20, 1985  12h 45m 49.67s
   61.941 N          146.915 W
   DEPTH =  28.4km
 SOUTHERN ALASKA                (  2)
      <AGS-P>.

SCM      0.22 241 iP     45 56.97    0.9
TOA      0.39  65 iP     45 58.51    0.2
KLU      0.65 133 iP     46 02.22   -0.4
SML      0.69 259 iP     46 01.89   -1.2
VLZ      0.86 161 iP     46 04.42   -1.3
TTV      0.89 186 eP     46 06.04   -0.2
                 eS     46 19.48
VZW      0.90 169 iP     46 05.30   -1.1
KNK      0.91 235 iP     46 05.52   -0.9
                 iS     46 18.59
GHO      0.97 261 iP     46 05.91   -1.5
                 iS     46 19.29
MSE      0.98 265 iP     46 05.85   -1.7
                 iS     46 18.88
TSIM     1.04 133 iP     46 07.28   -1.2
                 IS     46 23.55
PME      1.05 254 eP     46 06.98   -1.6
GLI      1.07 185 eP     46 08.70   -0.1
PLRM     1.11 253 eP     46 07.73   -1.6
FID      1.21 170 eP     46 10.75   -0.1
PWA      1.44 260 eP     46 13.09   -0.9
PMS      1.45 242 iP     46 14.00   -0.2
PTE      1.48 224 iP     46 14.36   -0.3
                 iS     46 34.19
BMRM     1.49 130 eP     46 13.84   -1.1
                 iS     46 34.13
CVA      1.51 158 iP     46 15.31    0.3
GLB      1.56 107 iP     46 14.85   -1.0
HIN      1.56 172 iP     46 15.84    0.0
CSG      1.62 141 eP     46 17.16    0.4
                 iS     46 41.16
SGAM     1.66 149 iP     46 16.69   -0.6
MPA      1.88 220 eP     46 19.61   -0.7
RAGM     1.90 144 eP     46 21.14    0.4
SLKM     2.15 229 eP     46 23.58   -0.8
SEW      2.22 215 eP     46 23.73   -1.5
KAIM     2.36 148 eP     46 26.31   -1.0
BALM     2.37 110 iP     46 26.34   -1.2
NKA      2.41 242 eP     46 29.49    1.6
CGLM     2.51 258 iP     46 28.62   -1.0
SPU      2.57 255 eP     46 29.13   -1.3
CRP      2.59 257 eP     46 29.96   -0.8
SNH      2.66 130 eP     46 30.11   -1.4
CTGM     2.85 108 iP     46 33.56   -0.8
BRLK     2.92 223 eP     46 33.76   -1.5
RDT      2.99 245 eP     46 34.43   -1.8
FBA      3.00 353 eP     46 34.01   -2.3
GYO      3.20 122 eP     46 38.34   -0.8
ILM      3.37 241 eP     46 40.05   -1.5
AGAM     3.38 119 eP     46 47.32    5.6
PCA      3.73 117 eP     46 44.70   -2.1
DWY      4.02  55 P      46 48.70   -2.1
PDB      4.16 242 eP     46 50.56   -2.3
SVW      4.25 263 eP     46 50.91   -3.2
TTA      4.35 287 eP     46 51.79   -3.7
INK      8.50  36 eP     47 50.00   -3.8
     48 obs. associated

*  APR  20, 1985  13h 29m 51.59± 1.29s
   31.057 S ± 9.8km   68.854 W ±16.1km
   DEPTH = 134.4 ± 15.4 km
 SAN JUAN PROVINCE, ARGENTINA       (137)

RTLL     0.43 130 iPd    30 10.30   -0.8
                 S      30 23.60
ZON      0.51 163 iPc    30 56.50   45.0X
                 eS     31 07.00
CFA      0.76 136 iPc    30 12.70   -0.5
                 S      30 25.00
RTCV     0.85 161 iPc    30 13.80   -0.1
MDZ      1.82 180 iPc    30 25.80    1.7
                 iS     30 47.90
TCA      3.66  95 iPd    30 48.20    0.4
                 S      31 25.60
CYA      3.72  46 iPc    30 49.50    0.9
ANT      7.45 349 e(P)   31 38.50   -0.5
VBA      8.99 143 ePd    31 58.50   -1.1
     S.D. = 1.2  on   8 of   9 obs.

*  APR  20, 1985  14h 47m 33.04± 0.91s
   29.178 N ±15.1km   53.127 E ± 8.9km
   DEPTH =  33.0km  (normal)
   4.6mb (  4 obs.)
 SOUTHERN IRAN                      (353)

SHI      0.70 312 iP     47 45.00   -1.6
IR2      6.73 344 (P)    49 13.00    0.7
KHI      6.83  42 eP     49 13.60    0.0
MHI      8.90  35 eP     49 55.00   12.6X
RTB     11.66 293 eP     50 26.00    5.9X
                 i      52 26.00
                 e      54 17.00
ELL     20.86 297 ePn    52 19.80    5.1X
KKN     28.25  85 eP     53 25.00   -0.5
        0.6s     13.00nm          4.8mb
PKI     28.40  85 eP     53 26.10   -0.9
        0.9s     13.00nm          4.6mb
OHR     28.83 303 eP     53 31.50    1.1
KHC     36.04 315 iPd    54 33.50    0.4
NUR     36.69 337 eP     54 42.00    3.6X
SUF     37.85 340 iP     54 48.70    0.6
KJF     38.58 342 eP     54 54.00   -0.2
HFS     40.72 331 eP     55 10.90   -1.0
        0.5s      4.80nm          4.5mb
SOD     41.40 345 eP     55 17.00   -0.5
NB2     42.23 331 P      55 23.60   -0.8
        0.6s      1.80nm          4.0mb
CHTO    42.88  93 eP     55 30.50    0.3
MBC     74.73 358 eP     59 11.00    0.3
YKA     88.12 354 eP     00 22.80    1.5
YKC     88.12 354 eP     00 22.00    0.7
     S.D. = 0.9  on  16 of  20 obs.

*  APR  20, 1985  14h 48m 54.82± 1 16s
   18.666 N ±10.7km   61.939 W ±14.8km
   DEPTH =  33.0km  (normal)
 LEEWARD ISLANDS                    ( 92)

BPA      1.61 177 eP     49 21.00   -0.4
                 S      49 41.00
SEG      2.29 170 eP     49 31.00    0.0
MLG      2.60 175 eP     49 35.50    0.0
                 S      50 06.00
PAG      2.63 175 eP     49 36.00    0.0
MGG      2.80 168 eP     49 38.60    0.4
SJG      4.04 263 eP     49 56.00    0 1
YKA     56.72 334 eP     58 37.40   -0.1
     S.D. = 0.3  on   7 of   7 obs.

*  APR  20, 1985  15h 52m 58.57± 1.11s
   33.988 S ±11.3km   70.688 W ± 9.2km
   DEPTH =  33.0km  (normal)
 CHILE-ARGENTINA BORDER REGION      (127)
      Felt (II) at San Antonio,
      Santiago and Melipilla.

TACH     0.39 328 iP     53 06.50   -1.1
LNV      0.60 273 iPc    53 11.70    1.1
FCH      0.74  27 iPc    53 08.60   -4.2X
PEL      0.84   0 iPc    53 12.20   -1.9
MDZ      1.89  55 eP     53 29.20    0.0
                 i      53 35.40
                 iS     53 57.40
RFA      2.00 114 ePd    53 31.30    0.6
                 S      53 56.90
RTCV     2.79  41 ePd    53 43.30    1 4
                 S      54 21.00
ZON      2.97  35 eP     53 46.00    1.5
RTLL     3.24  36 iPc    53 49.80    1.4
                 S      54 33.80
TCA      5.78  64 ePd    54 22.20   -2.2
                 S      55 49.00
VBA      8.14 122 ePd    54 56.50   -0.9
     S.D. = 1.6  on  10 of  11 obs

   APR  20, 1985  18h 23m 48.04± 0 13s
    9.004 N ± 2.8km   77.460 W ± 3 0km
   DEPTH =  37.7km  ( 16 depth phases)
   5.6mb ( 85 obs.)  5.9Msz ( 30 obs )
 NEAR NORTH COAST OF COLOMBIA       ( 96)
      Ms 6.2 (BRK), 5.7 (PAS). Felt in
      the Cartogena-Medellin area.
      Felt (IV) at Panama City,
      Panama.
      CENTROID, MOMENT TENSOR    (HRV)
      Data Used: GDSN
      L.P.B.: 13S, 26C
      Centroid Location:
      Origin Time        18:23:56.1 0.2
      Lat  9.01N 0.03 Lon  77.35W 0.04
      Dep  12.3 2.1 Half-duration  4.5
      Moment Tensor; Scale 10**25 D-CM
        Mrr= 0.90 0.05  Mtt=-1.53 0.05
        Mff= 0.63 0.07  Mrt=-1.44 0.32
        Mrf= 2.61 0.58  Mtf= 1.02 0.05
       Principal Axes:
        T  Val=  3.40  Plg=48  Azm=263
        N        0.03       24       143
        P       -3.43       32        37
      Best Double Couple:Mo=3.4*10**25
       NP1:Strike= 75 Dip=26 Slip=  20
       NP2:       327      82       115

UPA      2.05 270 iPc+   24 20.80    0 0
                 pP     24 22.40
```

26d 18h

			(S)	24	46.00		YJA		33.13	159	eP	30	20.40	-3.1X	MHC		48.81	312	eP	32	31.20	-0.7
BOG		5.51	142	iP	25	08.50	-1.6	ANT		33.23	168	eP	30	24.50	0.7	VBA		49.00	164	eP	32	31.00	-2.1
				iS	26	06.00						eS	35	52.00		BKS		49.46	313	eP	32	39.60	2.9
LGN		6.21	79	ePn	25	11.90	-7.8X	CHI		33.97	346	P	30	32.00	1.9			1.0s	87.00nm			5.7mb	
		0.6s	300.00nm			6.1mb X		SLA		35.50	161	e(P)	30	41.00	-2.6		Z	20s	11.00um			5.9Msz	
UAV		6.25	93	iPnc	25	16.50	-4.1X	RSNY		35.50	4	iP	30	44.30	1.1		N	20s	12.00um				
		0.4s	111.10nm			5.9mb X				1.0s	192.00nm			6.0mb			E	20s	23.00um				
SDV		6.75	90	ePn	25	23.30	-4.1X		Z	20s	15.54um			5.8Msz					e	32	56.20	65kmX	
TOV		7.61	84	ePn	25	35.10	-4.3X	OTT		36.29	2	eP	30	50.00	0.2				e	33	21.40		
PSO		7.76	179	iP	25	44.00	2.1			0.9s	92.00nm			5.7mb					e	34	11.40		
PCJ		8.69	2	eP	25	53.52	-0.8	MNT		36.51	5	iPd	30	52.50	0.8				eS	39	45.60		
				iS	27	28.76				1.0s	370.00nm			6.2mb					e	41	14.00		
				eTT	33	25.96		MIM		36.83	10	iP	30	55.90	1.5				eScS	42	27.50		
MCJ		8.87	359	eP	26	02.27	5.4X	ALQ		37.02	319	eP	30	55.50	-0.9				e	43	54.00		
				eS	27	44.47				1.0s	287.50nm			6.1mb					e	45	38.00		
HOJ		8.97	4	eP	25	57.15	-1.1		Z	18s	12.71um			5.8Msz					eLR	51	44.00		
				eS	27	23.63					e		31	05.50	34km	FFC		49.61	342	iPc	32	36.90	-0.7
				eTT	33	32.64		CYA		38.90	164	iPd	31	10.80	-1.2			0.7s	29.00nm			5.4mb	
STH		9.04	4	eP	25	58.03	-1.2	GLD		39.38	326	eP	31	16.50	0.4	ORV		49.64	315	eP	32	37.40	-0.6
				eS	27	36.91				1.5s	609.38nm			6.2mb		MIN		50.06	316	eP	32	41.90	0.5
				eTT	33	46.96			Z	18s	7.36um			5.6Msz		CLX		50.31	328	iPd	32	42.70	-0.6
GWJ		9.04	4	eP	25	58.03	-1.3	GOL		39.43	325	eP	31	16.50	-0.1	LDM		50.56	328	eP	32	42.00	-3.0X
				iS	27	25.39				1.1s	147.44nm			5.7mb		LHD		50.57	328	iPd	32	58.40	13.3X
				eTT	33	37.15			Z	18s	5.42um			5.4Msz		RXF		50.72	329	iPd	32	46.00	-0.3
OUR		9.18	187	P	26	01.30	-0.2	LHC		40.52	348	eP	31	26.50	1.4	YKM		51.02	328	iPc	32	48.40	-0.2
				eS	26	17.00				1.2s	175.00nm			5.7mb		NEW		51.40	327	eP	32	50.50	-0.9
CAR		10.49	81	iPc	26	14.00	-5.2X	RMU		41.23	318	eP	31	33.00	1.7				e	33	02.00	40km	
		0.9s	235.29nm			6.4mb X		RSSD		41.91	331	eP	31	36.80	-0.1	EDM		52.74	334	iPd	33	01.30	-0.1
GCM		10.91	340	P	26	21.80	-3.0X			1.1s	159.88nm			5.7mb		COR		53.09	320	eP	33	09.00	5.0X
				e	26	31.00		GLA		41.95	310	eP	31	37.00	-0.1	PNT		53.36	327	eP	33	05.00	-1.0
				eTT	36	57.50		TCA		41.96	163	ePd	31	34.70	-2.5			1.0s	142.00nm			5.9mb	
CUM		13.18	83	eP	26	50.70	-4.6X	PEL		42.41	172	iPd	31	41.30	0.5	FRB		55.02	5	eP	33	16.00	-1.9
CUM		13.18	83	iPc	26	52.50	-2.8	MDZ		42.45	169	eP	31	42.90	1.7			1.0s	71.00nm			5.7mb	
SJG		14.23	49	iPc	27	01.80	-7.4X					iS	31	57.40					pP	33	28.00	42km	
TRN		15.91	83	eP	27	28.00	-2.9	FCH		42.64	171	eP	31	43.50	0.4	PGC		55 14	324	eP	33	20.00	1.0
		1.0s	40.00nm			4.5mb X		ITR		42.70	113	eP	31	41.60	-1.8			1.2s	143.00nm			5.9mb	
COM		16.02	298	iP	27	41.00	8.5X			0.8s	25.70nm			5.0mb		PHC		58.40	325	eP	33	42.00	-0.1
				iS	27	58.00						i	31	43.40	6kmX	YKC		59.73	341	eP	33	49.00	-2.2
GIE		16.04	234	iP+	27	32.70	0.1					i	31	45.60				0.8s	160.00nm			6.2mb	
				S	30	08.20						i	31	53.10		YKA		59.78	341	eP	33	50.00	-1.5
MLG		16.89	64	eP	27	36.00	-7.5X					i	31	55.80		GDH		62.16	9	ePc	34	06.00	-1.5
PAG		16.91	64	eP	27	36.50	-7.1X					i	31	57.50				1.0s	24.00nm			5.3mb	
FDF		16.94	69	eP	27	36.60	-7.5X					i	32	11.20			Z	21s	1.61um			5.2Msz	
				S	31	05.00						i	32	21.00					i	34	24.00	68kmX	
BPA		17.16	61	eP	27	40.50	-6.3X					i	32	35.70					iS	42	31.00		
VHO		20.46	296	iP	28	22.00	-3.5X	LNV		43.11	173	eP	31	47.10	0.7	RKT		64.67	239	iP	34	25.50	0.7
NNA		20.86	178	iP	28	28.50	-1.0	BAR		43.19	309	eP	31	46.00	-1.3			1.1s	175.00nm			6.1mb	
		1.0s	280.00nm			5.6mb		TPC		43.33	311	eP	31	47.00	-1.4	SIT		65.33	329	eP	34	28.00	-0.4
	Z	20s	3.01um			4.7MszX		PLM		43.62	310	eP	31	50.00	-0.9	MTH		67.50	52	eP	34	43.00	0.3
				eS	32	00.00		VAO		43.62	137	eP	31	48.60	-2.3	PTO		68.22	49	iP	34	46.00	-1.1
IIP		23.18	299	eP	28	51.00	-1.8					e	31	59.70	39km				eS	43	46.00		
III		23.30	296	iP	28	55.00	1.1					e	32	02.00		PNL		68.29	331	eP	34	47.50	0.2
TAC		23.44	299	eP	28	58.00	2.7	STJ		43.78	24	eP	31	53.00	1.3	AVE		68.45	58	iP	34	49.00	0.3
IIC		23.64	299	eP	28	57.00	-0.3	RSON		43.83	345	eP	31	51.40	-0.8	MTE		68.94	50	ePd	34	51.30	-0.4
HBF		23.96	354	P	29	02.30	2.4			1.1s	180.23nm			5.8mb		VAL		68.97	38	iP	34	51.90	0.4
SGS		24.24	354	P	29	04.40	1.9		Z	20s	11.30um			5.8Msz					S	43	53.00		
PRM		25.36	350	iP	29	14.90	1.5	BDW		43.84	326	eP	31	52.00	-0.6	AKU		69.51	22	iP	34	55.40	0.8
ARE		25.98	167	iP	29	20.00	0.4			1.0s	83.00nm			5.5mb				1.9s	252.63nm			5.9mb	
LPB		27.01	160	Pc	29	24.00	-5.2X	RVR		44.27	310	eP	31	55.00	-1.0	INK		69.54	341	ePd	34	53.90	-0.8
		1.1s	481.01nm			6.0mb		RFA		44.36	169	ePc	31	56.20	-0.5			0.8s	99.00nm			5.9mb	
				i	29	34.20	37km	GSC		44.41	312	eP	31	57.00	-0.2				pP	35	08.00	50kmX	
HKT		27.02	323	iP	29	27.60	-1.0	MWC		44.88	310	eP	32	01.00	-0.1	MBC		70.92	350	iP	35	02.00	-1.0
RSCP		27.49	346	eP	29	34.30	1.3	SBB		44.90	311	eP	32	00.00	-1.1			1.0s	128.00nm			5.9mb	
BLA		28.21	355	eP	29	42.00	2.6X	PAS		44.94	310	eP	32	01.00	-0.3	MAL		71.10	54	iPc	35	05.80	1.0
	Z	21s	47.49um			6.1Msz			Z	20s	13.00um			5.9Msz					iPP	37	28.00		
CCH		28.50	157	P	29	40.00	-2.6					ePP	34	00.00					iS	44	23.00		
				i	29	51.00	41km					ePPP	34	48.00					iPS	45	10.00		
JCT		29.86	319	eP	29	50.00	-4.4X					ePcS	37	40.00					iSS	49	36.00		
		1.0s	62.50nm			5.3mb						eS	38	40.00		ECB		71.14	38	eP	35	04.00	-0.7
	Z	20s	21.99um			5.8Msz						eScS	41	58.00				1.2s	205.00nm			6.0mb	
BMO		29.89	330	iPc	29	53.70	-0.8					eLR	45	29.00		ECP		71.36	38	eP	35	04.30	-1.7
FVW		31.13	340	eP	30	05.00	-0.4	CLC		45.22	312	eP	32	02.00	-1.6			1.3s	335.00nm			6.2mb	
		1.4s	1166.67nm			6.5mb		ISA		45.80	312	eP	32	08.00	-0.2	ETA		71.54	37	eP	35	06.00	-1.1
RLO		31.41	332	iPc	30	06.40	-1.5	EUR		45.84	318	iP	32	09.00	0.3			1.3s	210.00nm			6.0mb	
TUL		31.57	331	iPc+	30	08.30	-1.0			1.0s	13.46nm			4.8mb		TOL		71.56	51	iPc	35	08.00	0.4
		1.0s	334.80nm			6.1mb		CWC		45.84	313	eP	32	08.00	-0.7			1.1s	6.50nm			4.5mb X	
	Z	19s	13.00um			5.6Msz		RDJ		46.14	134	iP+	32	09.20	-1.7				ePP	37	45.00		
	N	18s	4.33um					SYP		46.46	310	eP	32	23.00	9.5X				iS	44	28.00		
	E	19s	4.70um					SCH		46.48	9	ePd	32	13.20	0.0				i(PS)	45	05.00		
				i	30	14.50	22kmX			0.7s	129.00nm			6.0mb					iSS	49	20.00		
				iS	35	19.00		MNA		46.81	315	eP	32	16.20	0.0	CRT		71.77	54	iP	35	10.00	1.1
SIO		31.69	330	e(P)	30	10.50	0.2	BMN		47.15	318	iP	32	18.30	-0.6	AFC		71.81	54	eP	35	09.80	0.5
LTX		31.82	313	iP	30	10.80	-0.9			1.1s	116.88nm			5.8mb		KIC		72.01	86	iP	35	09.90	-0.8
		1.0s	78.00nm			5.5mb		FRI		47.26	313	eP	32	17.50	-2.2	TAF		72.66	56	iP	35	22.00	7.8X
OCO		32.11	328	e(P)	30	13.00	-1.0	LRM		47.38	327	eP	32	20.50	-0.3	LGR		72.88	48	iPc	35	16.00	0.7
				e	30	15.70	9kmX	JAS1		48.17	314	eP	32	25.80	-1.0				iPP	38	06.00		
TBR		32.13	5	P	30	15.00	0.8	ARN		48.74	312	P	32	31.00	-0.2	RUV		73.33	251	iP	35	20.00	1.8

1.1s 65.00nm 5.5mb
PME 73.40 332 eP 35 17.50 -0.4
0.7s 58.60nm 5.7mb
Z 20s 12.50um 6.2Msz
PMR 73.43 332 P 35 18.00 -0.1
TPT 73.50 251 iP 35 21.00 1.8
1.1s 65.00nm 5.5mb
VAH 73.57 251 iP 35 21.40 1.7
1.1s 90.00nm 5.7mb
COL 73.59 335 iPc 35 18.60 -0.4
Z 19s 10.76um 6.2Msz
e 35 31.00 42km
iS 43 48.00
FBA 73.59 335 eP 35 18.60 -0.4
0.7s 30.70nm 5.4mb
ESK 73.69 35 eP 35 19.00 -0.7
1.0s 120.00nm 5.8mb
ALE 73.76 2 eP 35 18.00 -1.7
0.9s 107.00nm 5.8mb
PMO 73.76 252 iP 35 22.60 1.8
1.1s 105.00nm 5.7mb
ALI 74.27 53 iP+ 35 23.00 -0.4
eS 44 42.00
LPF 74.28 43 eP 35 22.90 -0.4
0.9s 49.70nm 5.5mb
DAG 74.36 12 iPd 35 22.60 -0.7
0.7s 21.23nm 5.2mb
GRR 74.43 42 eP 35 24.00 -0.1
0.8s 95.50nm 5.8mb
AIA 74.70 174 e(P) 35 26.00 0.7
FLN 74.70 42 eP 35 25.70 0.0
0.8s 68.20nm 5.7mb
MFF 74.80 44 eP 35 26.10 -0.2
0.9s 88.40nm 5.7mb
LDF 74.93 42 eP 35 27.10 0.1
EPF 75.00 48 eP 35 27.70 0.0
EBR 75.07 50 eP 35 27.00 -1.0
eS 45 06.00
LFF 75.35 46 eP 35 29.40 -0.1
0.9s 52.70nm 5.5mb
LPO 75.66 46 eP 35 31.20 -0.1
0.8s 70.70nm 5.7mb
PPN 75.81 249 iP 35 34.30 1.7
1.1s 70.00nm 5.6mb
RJF 75.91 46 eP 35 32.40 -0.3
0.9s 39.30nm 5.4mb
LSF 75 94 45 eP 35 32.20 -0.7
1.1s 46.10nm 5.4mb
PPT 75.95 249 iP 35 35.30 1.9
1.1s 70.00nm 5.6mb
PAE 75.98 249 iP 35 35.40 1.9
1.1s 130.00nm 5.8mb
IMA 76.23 336 eP 35 34.10 -0.2
CAF 76.29 46 eP 35 34.70 -0.2
TCF 76.42 45 eP 35 35.10 -0.5
0.9s 39.40nm 5.4mb
MZF 76.67 45 eP 35 36.70 -0.3
0 9s 43.90nm 5.5mb
TTA 76.83 333 eP 35 36.70 -0.9
BGF 76.86 44 eP 35 37.70 -0.3
1.1s 79.80nm 5.7mb
AVF 77.21 44 eP 35 39.20 -0.7
0.9s 41.60nm 5.5mb
SSF 77.32 44 eP 35 39.90 -0.6
0.9s 46.50nm 5.5mb
SMF 77.55 44 eP 35 41.30 -0.5
1.0s 70.00nm 5.6mb
LOR 77.56 44 eP 35 41.30 -0.6
1.0s 43.70nm 5.4mb
LBF 77.64 44 eP 35 41.50 -0.9
0.9s 20.30nm 5.2mb
UCC 77.91 40 Pc 35 44.10 0.4
S 45 36.00
HON 78.03 290 P 35 43.00 -1.8
DOU 78.06 41 Pc 35 45.10 0.6
Z 17s 5.20um 5.9MszX
e 35 57.30 41km
S 45 34.00
BRW 78.09 341 eP 35 43.60 -0.7
DBN 78.44 39 eP 36 00.00 13.5X
Z 20s 5.80um 5.9Msz
ePP 38 42.00
eS 45 44.00
eSS 50 46.00
BER 78.66 30 eP 36 04.80 17.2X
Z 23s 4467.00um 8.7MszX
ENN 78.91 40 eP 35 49.50 0.4

0.9s 38.00nm 5.4mb
ic 35 50.00 2kmX
MEM 78.96 40 Pc 35 50.20 0.8
WLF 79.07 41 Pc 35 51.00 1.0
S 45 51.00
HAU 79.24 43 eP 35 50.40 -0.7
0.8s 22 50nm 5.2mb
WIT 79.34 38 eP 35 53.00 1.5
LRG 79.40 47 eP 35 52.10 0.1
1.1s 73.20nm 5.6mb
WTS 79.44 39 eP 35 52.80 0.8
1.0s 66.00nm 5.6mb
ic 35 53.20 1kmX
i 35 56.70
LMR 79.51 48 eP 35 52.80 0.2
0.9s 42.50nm 5.4mb
BSF 79.54 43 eP 35 52.00 -0.8
0.9s 60.60nm 5.6mb
FRF 79.60 47 eP 35 53.00 -0.1
1.0s 62.60nm 5.5mb
BNS 79.70 40 eP 35 53.50 0.1
EMS 79.70 45 eP+ 35 54.60 0.8
CDF 79.84 42 eP 35 54.00 -0.4
0.9s 37.30nm 5.4mb
DIX 80.03 45 ePd 35 56.80 1.1
GWF 80.05 42 iPc 35 55.80 0.4
MMK 80.42 45 eP+ 35 59.40 1.7
ORO 80.45 45 eP 35 58.00 0.3
BUH 80.47 42 eP 35 57.30 -0.4
TNS 80.54 41 ePc 35 58.60 0.6
ZUL 80.63 43 ePd 35 59.20 0.6
SLE 80.69 43 eP+ 35 59.30 0.5
MUD 80.70 34 iPd 36 12.30 13.7X
1.0s 52.00nm
LLS 81.08 44 eP+ 36 02.30 1.1
CVF 81.29 48 eP 36 01.90 -0.2
1.0s 54.10nm 5.5mb
SAX 81.30 43 eP+ 36 03.20 0.8
VDL 81.43 44 eP+ 36 03.80 0.8
NB2 81.55 29 P 36 02.60 -0.5
1.1s 92.70nm 5.7mb
OSS 81.88 44 eP+ 36 06.40 1.1
SAL 82.24 45 iPc 36 07.50 0.6
GRF 82.36 41 iPc 36 08.70 1.2
1.3s 36.00nm 5.3mb
Z 19s 5.30um 5.9Msz
eS 46 24.00
OGA 82.47 44 iPc 36 07.90 -0.5
MOX 82.53 40 eP 36 08.00 -0.4
1.7s 41.00nm 5.2mb
Z 18s 5.90um 6.0Msz
N 16s 1.40um
E 18s 4.10um
eS 46 25.00
eSP 47 12.00
eSS 51 40.00
eLR 02 30.00
COP 82.58 35 eP- 36 17 00 8 6X
Z 20s 4.26um 5.8Msz
iS 46 27.00
HFS 82.84 30 eP 36 09.30 -0.4
0.6s 6.60nm 4.9mb
CTI 82.98 45 iPc 36 11.00 0.1
ePP 39 20.00
CLL 83.34 39 eP 36 12.00 -0.5
1.7s 45.00nm 5.3mb
Z 17s 4.00um 5.9MszX
eSKS 46 34.00
BRN 83.34 38 eP 36 14.00 1.6
WET 83.49 41 iPc 36 15.60 2.2
1.3s 35.00nm 5.3mb
Z 18s 3.20um 5.7Msz
TRO 83.85 20 eP 36 23.20 8.5X
KHC 83.95 41 iP 36 16.00 0.3
1.4s 50.00nm 5.4mb
Z 20s 1.70um 5.4Msz
N 20s 1.10um
E 20s 1.90um
i 36 28.50 42km
S 46 37.00
BRG 83.98 40 iPc 36 16.90 1.2
1.6s 42.00nm 5.3mb
Z 20s 4.00um 5.8Msz
N 20s 3.50um
E 20s 2 50um
i 36 28.70 39km
eS 46 40.00

P'P' 02 48.00
KBA 84.03 43 ePd 36 15.00 -1.3
1.2s 70.80nm 5.7mb
i 36 16.70 5kmX
i 36 19.30
i 36 27.80
i 36 34.80
e(PP) 39 35.50
i 39 40 30
MNS 84.11 48 eP 36 17.00 0 5
KMR 84.44 42 iP- 36 18.40 0 3
i 36 53.00 136kmX
PRU 84.46 40 P 36 18.50 0.3
Z 18s 5.10um 6.0Msz
N 18s 1.90um
E 18s 4.50um
S 46 41.00
i 47 31.00
TRI 84.48 45 iPc 36 19.30 0.9
i 36 29.40 32km
iPP 39 40.00
iS 46 40.00
i 47 00.00
iSP 47 34.00
iSS 52 28.00
iSSS 56 00.00
ERC 84.56 52 P 36 20.00 1.1
AQU 84.64 48 eP 36 19.50 0.2
UPP 84.83 30 iP 36 20.00 0.2
LJU 84.97 44 ePd 36 21.00 0.2
e 36 49.00 107kmX
eS 46 42.00
e 47 36.00
e 48 12.00
DUI 85.52 49 eP 36 25.00 1.4
GIB 85.69 52 eP 36 26.00 1.3
VKA 85.86 42 iPd 36 25.50 0.3
Z 18s 1.75um 5.5Msz
SOP 86.11 43 eP 36 21.20 -5.3X
SGO 86.31 50 iPc 36 28.00 0 4
ZST 86.39 42 eP 36 29.00 1.2
e 36 40.50 37km
KEV 86.57 20 iP 36 28.70 0.4
0.7s 44.00nm 5.8mb
Z 22s 4.90um 5.9Msz
i 36 40.90 40km
ePP 39 56.00
eS 46 52.00
ePS 48 20.00
eSS 52 36.00
LR 18 22.00
SOD 87.12 22 iP 36 30.30 -0.7
i 36 39.40 29km
e 40 26.00
ORI 87.25 50 eP 36 32.50 0 4
SRO 87.26 42 eP 36 32.50 0.5
e(S) 47 16.00
BRT 87.68 49 eP 36 48.90 14 7X
BUD 87.79 42 e(P) 36 35.00 0.4
WAR 88.11 37 eP 36 32.00 -4 0X
Z 20s 13.00um 6.3Msz
e 47 00.00
e 48 24.00
NUR 88.13 29 iP 36 36.40 0.4
1.1s 64.80nm 5.8mb
Z 22s 4.60um 5.8Msz
i 36 47.20 34km
ePP 40 20.00
eSKS 46 58.00
e 48 16.00
esPS 49 24.00
eSS 52 58.00
LR 13 20.00
SUF 88.23 27 eP 36 36.00 -0.4
SPC 88.26 41 iP 36 49.80 12 7X
e 03 23.00
LCI 88.34 50 eP 36 45.00 7 6X
KJF 88.47 25 iP 36 38.80 1 2
1.0s 52.00nm 5.8mb
Z 20s 5.30um 6 0Msz
i 36 50.10 36km
ePP 40 08 00
eS 47 04.00
e 48 26.00
eSS 53 24 00
LR 12 02.00
JOS 88.59 41 ePd 36 40.30 1.9

20d 18h

ADK	88.63	322	eP	36	38.10	-0.4
TTG	88.92	47	e(P)	36	39.00	-1.1
			e(S)	47	05.00	
OHR	90.31	48	eP	36	48.00	1.3
SKO	90.59	47	eP	36	49.30	1.3
Z	23s		2.90um			5 6MszX
E	23s		2.64um			
			e(S)	46	34.00	
GZP	90.77	44	ePd	36	49.50	0.7
CLO	90.86	44	ePc	36	50.00	0.9
VAY	91.57	48	iP	36	54.00	1.6
VTS	91.72	47	iPc	36	55.00	1.9
MMB	92.35	47	iPd	36	58.00	1.9
MLR	92.90	43	ePc	36	59.00	0.3
PLD	92.92	47	eP	37	00.00	1.3
PVL	92.99	46	eP	37	00.00	1.1
ATH	93.21	51	eP	37	10.00	9.9X
BUC	93.30	44	eP	37	00.00	-0.3
VRI	93.32	43	eP	37	05.00	4.6X
SNA	93.46	161	e(P)	37	01.00	0.5
KDZ	93.51	47	iP	37	02.00	0.6
JMB	94.17	46	eP	37	06.00	1.6
BNG	95.23	85	iPc	37	09.90	0.1
	1.0s		15.80nm			5.4mb
SPA	98.94	180	iPd	37	27.70	2.0
	1.1s		61.31nm			6.0mb
Z	20s		5.50um			6.1Msz
			e	41	39.00	
SBA	104.06	191	ePdiff	37	57.70	9.5X
BUL	108.07	108	ePKP	41	57.00	-17.6X
				42	41.00	
TAB	109.76	44	ePdiff	38	28.00	13.3X
			e	42	54.00	
MTD	110.69	105	ePKP	42	20.00	0.4
TET	112.57	104	ePKP	42	41.00	18.0X
			e	43	20.00	
IR2	114.14	44	(PKP)	42	24.00	-1.8
NPA	117.98	102	e(PKP)	42	34.00	0.5
MHI	119.44	39	ePKP	42	37.00	1.2
MDJ	121.30	338	ePKP	42	40.00	1.1
			PP	44	06.00	
			SS	00	24.00	
CN2	123.48	340	PKPc	42	42.40	-0.7
			ePP	44	18.00	
			SKS	49	53.00	
			SS	00	50.00	
MAT	123.65	326	ePKP	42	42.00	-1.8
Z	20s		3.72um			6.0Msz
WMO	125.72	13	PKPc	42	46.80	-0.9
			PP	44	39.00	
			PPP	47	24.00	
			eSKS	49	50.00	
			SKKS	51	29.00	
SNY	125.86	341	ePKP	42	47.60	-0.2
			sPKP	43	00.60	
			PP	44	35.00	
			SS	01	24.00	
AV1	126.09	107	ePKP	42	50.00	0.8
SHV	128.14	328	ePKP	42	50.80	-1.7
COO	129.32	238	ePKP	42	55.00	0.1
BJI	129.60	346	ePKP	42	55.00	0.0
Z	21s		5.60um			6.2Msz
N	22s		4.90um			
E	20s		2.70um			
			ePP	45	07.00	
			eSS	02	17.00	
HHC	129.70	351	PKP	42	56.00	0.6
			PP	45	04.00	
			SS	02	09.00	
WAM	130.02	230	ePKP	42	56.50	0.5
BTO	130.17	353	ePKP	42	56.40	0.1
CAN	130.24	231	ePKP	42	55.70	-0.8
YOU	131.07	232	ePKP	42	58.10	0.0
GTA	131.77	3	ePKP	42	50.30	-9.1X
TOO	131.98	227	ePKP	42	59.00	-0.7
TIY	132.62	349	ePKP	43	01.80	0.8
			PP	45	26.00	
			PKS	46	33.00	
			SKS	50	13.00	
			SKKS	52	12.50	
RMQ	132.97	242	ePKP	43	02.00	0.1
TIA	132.98	344	ePKP	43	01.60	0.0
			PP	45	22.00	
			eSKKS	52	14.00	
LZH	135.14	359	ePKP	42	58.00	-7.9X
	2.0s		90.00nm			
N	17s		2.70um			
E	17s		2.10um			
			ePP	45	39.00	
			eS	52	29.00	
NDI	135.26	32	ePKP	43	05.00	-1.1
			ePP	46	36.00	
			ePPS	59	02.00	
NJ2	136.30	340	ePKP	43	08.70	0.7
			ePP	45	45.00	
SSE	136.30	337	ePKP	43	06.00	-2.0
Z	18s		8.10um			6.5Msz
N	18s		3.50um			
E	18s		1.80um			
			sPKP	43	18.00	
			PP	45	48.00	
			PKS	46	40.00	
CTA	136.40	250	iPKPd	42	59.60	-9.0X
	0.9s		23.11nm			
STK	137.25	232	ePKP	43	07.00	-2.8X
ADE	138.04	226	ePKPd	43	07.80	-3.5X
WHN	139.08	344	ePKP	43	13.50	0.3
			PP	46	08.00	
			PKS	46	48.00	
			PPP	49	10.00	
KKN	139.79	24	ePKP	43	08.50	-6.4X
DMN	139.88	24	ePKP	43	09.00	-6.1X
LSA	139.99	16	ePKP	43	14.90	-0.6
PKI	140.03	24	ePKP	43	10.40	-5.1X
CD2	140.30	358	ePKP	43	11.70	-3.8X
			ePP	46	14.00	
			SKKS	53	02.00	
POO	140.63	46	ePKP	43	26.00	9.6X
ANP	141.31	332	ePKP	43	16.00	-1.5
SHL	144.11	17	iPKP	43	18.60	-3.9X
GYA	144.52	354	PKPc	43	21.00	-2.1
			PP	46	28.00	
HYB	144.63	42	ePKPd	43	20.50	-2.8X
	1.0s		50.00nm			
KMI	146.08	360	PKP	43	25.50	-0.4
GZH	146.40	342	PKPc	43	27.00	0.9
HKC	146.86	340	ePKP	43	28.00	1.1
			e(PP)	44	46.00	
CVP	147.33	324	iPKPd	43	30.00	2.3
	0.5s		35.70nm			
WB2	147.40	247	ePKP	43	27.00	-0.8
			e	53	48.30	
BAG	149.07	325	ePKP	43	31.00	0.2
MAN	150.16	322	ePKP	43	38.40	6.2X
OIZ	151.23	346	ePKP	43	38.00	4.3X
			e	43	44.00	
			ePKS	47	16.00	
MTN	151.68	260	ePKP	43	34.00	-0.5
DAV	152.03	304	ePKP	43	35.00	-0.1
CHTO	152.13	7	ePKP	43	35.50	0.4
NWAO	152.59	208	ePKP	43	35.00	-0.3
KLB	153.44	210	ePKP	43	36.00	-0.6
KNA	153.54	253	ePKP	43	36.00	-1.1
LOE	153.75	2	ePKP	43	37.00	-0.4
MUN	153.85	207	ePKP	43	37.00	-0.1
NST	155.37	6	ePKP	43	47.00	7.5X
MEK	156.83	219	ePKP	43	42.00	0.7
IPM	166.42	6	ePKPd	43	52.00	0.7
			e	44	03.00	
			e	45	08.00	
PSI	167.83	17	ePKPd	43	52.60	0.3
KGM	169.03	356	ePKPd	43	53.50	0.4
S.D. = 1.1			on 283 of 338 obs.			

* APR 20, 1985 18h 51m 44.94± 0.90s
32.014 S ± 9.2km 68.067 W ± 8.8km
DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)

RTCV	0.43	291	iPd	51	54.60	0.1
			S	52	06.20	
CFA	0.43	340	iPd	51	55.00	0.4
			S	52	07.30	
RTLL	0.76	333	iPd	51	58.80	-0.5
MDZ	1.09	217	iPc	52	04.00	0.0
			iS	52	23.80	
TCA	3.04	78	ePc	52	31.90	0.0
			S	53	11.70	
S.D = 0.5			on 5 of 5 obs.			

APR 20, 1985 19h 24m 02 56± 0.66s
8.966 N ± 7.7km 77.306 W ± 7.3km
DEPTH = 33.0km (normal)
PANAMA-COLOMBIA BORDER REGION (82)

UPA	2.20	271	iPc+	24	37.30	-0.2
			iS	25	04.00	
BMG	4.59	114	eP	25	13.00	1.4
BOG	5.38	143	eP	25	28.00	5.0X
LGN	6.07	78	eP	25	33.50	1.1
SDV	6.59	90	iPnd	25	39.20	-0.7
0.4s			30.80nm			5.5mb X
TOV	7.46	83	ePn	25	51.50	-0.4
PCJ	8.72	1	eP	26	10.05	0.5
HOJ	9.00	3	eP	26	13.66	0.4
STH	9.07	3	eP	26	15.66	1.3
GWJ	9.07	3	eP	26	15.41	1.0
QUR	9.16	188	eP	26	17.20	1.3
CAR	10.34	81	e(Pn)	26	29.90	-2.0
LPB	26.92	160	eP	29	39.00	-4.4X
YKC	59.81	341	eP	34	05.00	-1.8
YKA	59.87	341	eP	34	06.20	-1.0
WB2	147.52	247	ePKP	43	42.20	-0.9
S.D. = 1.3			on 14 of 16 obs.			

APR 20, 1985 20h 09m 29.66± 0.64s
41.403 N ± 5.4km 23.518 E ± 6.7km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

MMB	0.24	40	iPgc	09	33.00	-1.9
			iSg	09	36.00	
SRS	0.29	169	iPgc	09	35.90	0.1
			iSg	09	40.70	
KNT	0.53	243	ePgc	09	40.20	-0.1
			eSg	09	48.70	
SOH	0.59	192	ePgc	09	41.30	-0.4
			iSg	09	50.40	
THE	0.88	209	iPgc	09	46.70	0.2
GRG	0.95	242	ePg	09	48.00	0.2
OUR	1.12	162	ePbd	09	50.60	-0.1
			eSb	10	07.10	
VTS	1.22	349	iPg	09	53.00	0.7
			iSg	10	08.00	
KDZ	1.40	80	iP	09	57.00	1.8
			iSg	10	14.00	
PAIG	1.48	175	ePb	09	55.80	-0.5
S.D. = 1.1			on 10 of 10 obs.			

* APR 20, 1985 21h 08m 33.73± 2.06s
39.032 N ± 8.0km 31.280 E ±22.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ALT	0.91	272	iPg	08	45.30	-5.9X
			iSg	08	51.30	
BCK	1.66	199	iPn	09	01.50	-1.6
YLV	2.12	317	iPn	09	10.40	0.6
DST	2.14	286	ePn	09	09.00	-0.9
ELL	2.52	206	ePn	09	17.30	1.7
KCT	2.56	299	iPn	09	16.30	0.3
TTK	2.61	287	iPn	09	17.30	0.6
ISK	2.65	321	iPn	09	17.40	0.2
EDC	2.94	298	iPn	09	22.00	0.6
IZM	3.21	260	iP	09	35.10	9.9X
DMK	3.87	317	iPn	09	34.30	-0.3
EZN	3.92	283	iPn	09	35.10	-0.1
KDZ	5.23	302	iP	09	53.00	-0.8
			eS	10	50.00	
PVL	6.18	314	eP	10	07.00	-0.2
MMB	6.31	296	iPd	10	09.00	-0.2
VTS	7.09	303	eP	10	20.00	0.0
S.D. = 0.9			on 14 of 16 obs.			

? APR 20, 1985 21h 18m 26.06± 7.56s
45.596 N ±51.6km 14.404 E ±28.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.1 (KBA).

CEY	0.14	6	iPgd	18	28.80	-0.6
			iSg	18	32.10	
LJU	0.46	11	ePg	18	34.80	-0.5
			eSg	18	42.80	
TRI	0.46	284	iPgc	18	34.90	-0.6
			iSg	18	44.10	
VOY	0.56	321	iPgd	18	37.50	-0.1
			iSg	18	46.60	
KBA	1.65	334	ePn	18	56.50	1.1
			iSg	19	20.30	
CTI	1.98	284	e(Pg)	19	10.50	10.4X
			eSg	19	28.00	

S.D. = 1.0 on 5 of 6 obs.

? APR 20, 1985 21h 29m 34.47± 5.10s
39.777 N ±34.3km 22.592 E ±22.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT	0.33	346	iPgc	29 41.50	0.1
PAIG	0.85	80	ePgd	29 49.70	-1.2
			eSg	30 01.40	
THE	0.90	18	iPgc	29 51.10	-0.6
			eSg	30 03.30	
GRG	1.19	353	ePbd	29 57.20	0.6
SOH	1.19	29	ePgc	29 56.10	-0.7
			iSb	30 11.60	
OUR	1.20	62	ePbd	29 59.20	2.3
			iSb	30 12.10	
KNT	1.40	9	ePbc	29 59.60	-0.5
			eSb	30 18.90	
SRS	1.54	29	ePb	30 01.40	-0.6
			eSb	30 20.90	
VAY	1.54	359	ePn	30 02.40	0.4
OHR	1.91	315	ePn	30 10.20	2.8X

S.D. = 1.2 on 9 of 10 obs.

• APR 20, 1985 23h 30m 49.99± 1.05s
38.101 N ±13.0km 23.234 E ± 9.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 2.7 (ATH).

ATH	0.40	108	iPgc	30 58.30	0.1
			iSg	31 07.40	
VLS	2.09	273	ePb	31 25.20	-0.3
KZN	2.48	333	ePn	31 31.30	0.2
VAY	3.26	351	ePn	31 41.30	-0.8
OHR	3.55	329	ePn	31 47.00	0.8

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

? APR 21, 1985 00h 13m 18.99± 3.38s
51.145 N ±51.4km 169.436 W ±21.5km
DEPTH = 33.0km (normal)
4.8mb (5 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK	4.59	282	eP	14 26.00	-1.8
KDC	11.85	50	eP	16 06.00	-2.5
TTA	13.85	26	eP	16 34.00	-1.0
IMA	16.98	22	eP	17 16.00	0.7
INK	24.40	32	eP	18 36.00	1.0
KJF	64.22	352	iP	23 53.10	0.9
	0.6s		10.40nm		5.1mb
SUF	65.81	352	iP	24 02.80	0.3
	0.5s		2.20nm		4.5mb
NUR	68.12	353	iP	24 18.00	0.9
	0.6s		9.10nm		5.0mb
NB2	68 17	360	P	24 18.80	1.3
	0 8s		2.90nm		4.4mb
HFS	69.05	358	eP	24 23.10	0.3
	0.5s		4.10nm		4.7mb
KHC	80 07	358	P	25 29.40	2.9X

S D = 1.5 on 10 of 11 obs.

• APR 21, 1985 01h 25m 41.96± 3.84s
37 604 N ±37.2km 20.025 E ± 7.9km
DEPTH = 10.0km (geophysicist)
IONIAN SEA (399)
ML 3.8 (ATH)

VLS	0.73	38	ePgd	25 55.50	-0.7
			eSg	26 08.50	
ATH	2.95	82	ePg	26 43.00	13.3X
KZN	3.02	26	iPnd	26 32.00	1.2
LIT	3.15	37	ePgd	26 33.20	0.7
LCI	3.17	330	e(Pn)	26 44.50	11.8X
OHR	3.55	9	iPn	26 38.50	0.2
ORI	3.71	312	ePn	26 40.50	0.0
			eSn	27 24.00	
THE	3.79	36	ePbc	26 41.50	-0.1
GRG	3.82	28	ePbd	26 41.70	-0.4
BRT	3.93	327	e(Pn)	27 27.20	43.6X
SOH	4.12	38	ePbc	26 46.70	0.3
KNT	4.19	31	ePbd	26 47.00	-0.3
VAY	4.20	27	ePn	26 47.40	0.0
SRS	4.47	37	ePbc	26 50.80	-0.4
SKO	4.50	14	ePn	26 51.50	-0.1
SGO	4.71	310	ePn	26 54.50	-0.2
			eSn	27 49.50	

S.D. = 0.6 on 13 of 16 obs.

APR 21, 1985 01h 46m 27.88± 0.63s
17.060 N ± 8.6km 62.389 W ± 7.8km
DEPTH = 31.6 ± 4.6 km
LEEWARD ISLANDS (92)

BPA	0.51	92	iPc	46 37.84	-0.7
			S	46 45.50	
SEG	1.07	128	ePc	46 47.15	0.5
MLG	1.19	147	iPc	46 48.30	-0.1
			S	47 03.60	
PAG	1.23	146	iPc	46 48.85	-0.2
SFG	1.40	125	eP	46 52.70	1.4
MGG	1.53	138	iPc	46 53.00	-0.3
			S	47 14.00	
MDN	1.98	151	eP	47 00.00	0.2
FDF	2.60	153	eP	47 09.00	0.3
			S	47 41.40	
CRM	2.70	148	eP	47 09.70	-0.3
BIM	2.83	153	eP	47 11.29	-0.6
MVM	2.88	150	eP	47 12.40	-0.2
SJG	3.74	287	iPc	47 24.80	0.0
YKA	57.97	334	eP	56 19.60	0.1

S.D. = 0.6 on 13 of 13 obs.

? APR 21, 1985 02h 41m 37.04±21.94s
30.883 S ±131.km 70.007 W ±166.km
DEPTH = 145.1 ± 36.3 km
CHILE-ARGENTINA BORDER REGION (127)

RTLL	1.39	109	iPd	42 05.50	0.0
			S	42 19.70	
RTCV	1.59	128	iPd	42 07.20	-0.4
			S	42 22.80	
CFA	1.68	116	ePd	42 08.50	-0.1
			S	42 23.50	
MDZ	2.22	154	iPc	42 15.80	0.8
			i	42 33.70	
			iS	42 39.90	
RFA	4.09	162	ePc	42 38.70	-0.4
TCA	4.67	97	iPd	42 47.00	0.1
			S	43 30.70	

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

• APR 21, 1985 02h 45m 42.86± 1.71s
24.546 N ± 7.5km 121.699 E ±16.3km
DEPTH = 60.4 ± 26.9 km
TAIWAN (244)

TWC	0.15	65	iPc	45 52.00	-0.2
			eS	45 59.50	
TATO	0.47	336	iP	45 54.50	-0.1
			eS	46 04.00	
TWZ	0.56	349	iPd	45 55.20	-0.4
			eS	46 05.50	
ANP	0.66	345	eP	45 57.00	0.2
TWO	0.83	251	iPd	45 59.00	0.1
TWF1	1.24	197	eP	46 04.50	0.1
TWK	1.69	221	eP	46 10.50	0.0
TWG	1.81	199	eP	46 12.00	-0.2

S.D. = 0.3 on 8 of 8 obs.

? APR 21, 1985 04h 27m 43.70± 2.20s
2.930 S ±14.0km 139.902 E ±51.9km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
NEAR N. COAST OF WEST IRIAN (197)

KNA	16.81	220	eP	31 38.00	-0.3
			eS	34 39.00	
WB2	17.76	197	eP	31 49.80	-0.4
			i	31 51.00	
			eS	35 09.20	
WRA	17.76	197	Pd	31 51.80	1.6
	0.3s		3 40nm		4.0mb
ASPA	21.42	195	eP	32 30.00	-1.1
			eS	36 34.00	
MRWA	34.63	219	eP	34 29.00	-3.2X
BJI	47.98	335	eP	36 21.50	0.2

S.D = 1.4 on 5 of 6 obs.

APR 21, 1985 05h 32m 54.34± 0.36s
39.017 N ± 8.7km 72 378 E ± 8 0km
DEPTH = 33 0km (normal)
4.7mb (12 obs.) 3.9Msz (1 obs.)

KIRGHIZ SSR (716)

QUE	9.88	209	eP	35 10.00	-7.3X
			eS	37 20.00	
MHI	10.57	259	eP	35 25.00	-1.7
			eS	37 21.00	
NDI	11.06	157	eP	35 30.00	-3.3X
			eS	37 38.00	
KKN	15.52	132	eP	36 31.00	-1.6
	0.7s		11.00nm		4.2mb
DMN	15.56	133	eP	36 32.40	-0.7
	0.8s		40 00nm		4.7mb
PKI	15 76	133	eP	36 34.90	-0 9
	0.8s		9 00nm		4 6mb
POO	20.45	176	eP	37 31.00	-0 8
SHL	21.20	123	eP	37 42.00	2 5
HYB	22.19	164	eP	37 53.00	3 7
			eS	41 46.50	
KJF	36.27	329	eP	39 55.00	-1 0
	0.7s		16.00nm		5.0mb
			i	40 03.00	
SUF	36.41	326	iP	39 56.50	-0.7
	0.5s		2.50nm		4.4mb
NUR	36.47	322	eP	39 58.00	0.2
Z	18s		0.20um		3.9Msz
HFS	41.80	320	eP	40 41.20	-0.8
	0.4s		6.40nm		4.7mb
BRG	41.97	306	eP	40 43.80	0.2
			e	41 03.30	
LJU	42.38	299	eP	40 48.60	1.6
			i	42 34.40	
KHC	42.45	304	P	40 48.50	0.9
CLL	42.51	307	eP	40 48.00	0.1
VOY	42.82	299	e(P)	40 50.30	-0.4
			e	42 43.00	
KBA	42.97	301	eP	40 52.50	0.4
NB2	43.06	321	P	40 51.60	-0.8
	0.5s		2.30nm		4.2mb
CTI	44.34	300	e(P)	41 04.50	1.5
BSF	47.14	303	eP	41 25.30	0.1
SMF	49.40	302	eP	41 41.10	1.5
SSF	49.49	303	eP	41 45.20	1.8
AVF	49.67	303	eP	41 44.60	-0
	0.5s		4.00nm		4 7mb
MZF	50 36	302	eP	41 50 40	0 4
	0.7s		4.40nm		4 6mb
TCF	50.58	302	eP	41 52.00	0 3
LFF	52.00	301	eP	42 02.00	-0 5
DAG	52.66	343	iPd	42 05.90	-1.1
	0.6s		13 33nm		5.1mb
BNG	59.57	249	iPc	42 58.50	1.2
	1.2s		21.10nm		5.1mb
MBC	64.77	3	eP	43 31.00	-0.2
INK	71.26	10	ePc	44 10.60	-1.2
FRB	72.99	343	eP	44 22.00	0.0
YKA	78.68	3	eP	44 54.70	0.5
YKC	78.70	3	eP	44 54.00	-0 3
WB2	82.43	123	eP	45 17.20	2.5
FFC	86.50	357	eP	45 35.00	0 2
	1.2s		9.00nm		4.9mb

S.D. = 1.1 on 34 of 37 obs.

• APR 21, 1985 05h 44m 31.89± 0.71s
42.567 N ±16.0km 142.826 E ±21.8km
DEPTH = 52.1 ± 11.9 km
4.4mb (3 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (I JMA) at Hiroo and Urokowo.

URA	0.41	185	iP	44 42.10	-0.2
			iS	44 49.60	
OBI	0.46	39	iPd	44 43.10	0 3
			iS	44 51.90	
MAT	6.99	212	(P)	46 14.00	-0.2
COL	43.90	35	eP	52 35.00	0 4
KKN	48 41	272	eP	53 12.60	1.6
	0.7s		6.00nm		4 7mb
YKA	58.51	32	eP	54 25.00	0.3
KJF	62.04	333	eP	54 51.00	2.2X
SUF	63.56	333	iP	54 58.00	-0.8
NUR	65.60	331	eP	55 12.00	0.0
HFS	69.50	336	eP	55 35.70	-0.8
	0.6s		3.00nm		4.4mb
Z	17s		0.36um		4.7MszX
			LR	57 44.00	
NB2	69.51	337	P	55 36.00	-0 6

21c 05h

0 6s 1 40nm 4.1mb
S D = 0 9 on 10 of 11 obs

APR 21, 1985 06h 06m 37.29± 0.76s
44.168 N ± 9.0km 10.317 E ± 8.8km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.2 (LDG), 2.8 (KBA).

SAL 1 45 6 iPgd 07 03.50 0.0
iSg 07 25.00
CVF 1.92 214 Pn 07 11.00 0.7
Sn 07 34.90
CTI 2.10 26 ePn 07 13.00 -0.1
eSn 07 40.00
ORO 2.21 312 e(Pn) 07 18.00 3.4X
eSn 07 43.00
FRF 2.72 258 Pn 07 21.50 -0.4
Sn 07 52.70
LMR 2.88 255 Pn 07 23.50 -0.6
Sn 07 55.30
TRI 2.89 57 eP 07 58.00 33.8X
e 08 12.50
AQU 2.89 128 ePn 07 36.80 12.5X
VOY 3.14 52 ePn 07 27.20 -0.7
eSn 08 03.00
LJU 3.53 56 eP 07 47.40 14.2X
eSn 08 21.20
KBA 3.60 35 ePn 07 35.00 0.5
i 07 52.80
i 08 21.10
iSg 08 38.60
HAU 4.73 326 Pn 07 50.80 0.5
Sn 08 41.70
KHC 5.45 23 eP 08 06.50 6.0X
S.D. = 0.6 on 8 of 13 obs

APR 21, 1985 06h 39m 08.14± 0.54s
8.977 N ± 6.6km 77.331 W ± 6.6km
DEPTH = 33.0km (normal)
4 2mb (1 obs.)
PANAMA-COLOMBIA BORDER REGION (82)
Felt (II) at Panama City,
Panama.

UPA 2.18 270 iPc 39 42.80 0.1
0.5s 591.55nm
iS 40 07.50
BMG 4.62 114 iP 40 19.00 1.4
BOG 5.41 143 eP 40 28.00 -0.9
UAV 6.13 93 eP 40 39.20 0.2
SDV 6.62 90 ePn 40 45.20 -0.7
0.4s 24.70nm 5.4mb X
TOV 7.48 83 ePn 40 57.30 -0.6
PCJ 8.71 1 eP 41 15.66 0.7
eS 42 47.94
HOJ 8.99 4 eP 41 20.29 1.6
eS 42 52.93
STH 9.06 3 iP 41 20.41 0.7
eS 42 53.90
GWJ 9.06 4 iP 41 21.05 1.2
OUR 9.17 188 P 41 23.50 1.9
CAR 10.37 81 ePn 41 37.10 -0.7
ALO 37.12 319 eP 46 16.50 -1.3
1.0s 3.75nm 4.2mb
YKC 59.79 341 eP 49 11.00 -1.2
YKA 59.85 341 eP 49 12.10 -0.5
INK 69.60 341 eP 50 14.00 -1.7
BHD 110.52 50 ePdiff53 35.00 -3.6X
e 55 35.00
i 59 25.00
WB2 147 50 247 ePKP 58 48 70 0.0
WRA 147 5? 247 PKPd 58 53 30 4 6X
0 6s 2 60nm
S D = 1 2 on 17 of 19 obs

% APR 21, 1985 07h 08m 57.60± 1 02s
38 949 N ± 7 5km 27 126 E ±10.5km
DEPTH = 10 0km (geophysicist)
TURKEY (366)

IZM 0.56 169 iPg 09 09.10 0.1
iSg 09 20.10
EZN 1.07 325 ePn 09 17.70 -0.1
TTK 1.08 41 ePn 09 19.30 1.3
DST 1.34 60 ePn 09 21.20 -1.1
EDC 1.51 22 ePn 09 24.40 -0.3
KCT 1.61 36 ePn 09 26.00 -0.1
S.D. = 1.0 on 6 of 6 obs.

APR 21, 1985 08h 49m 40.55± 0.61s
35.665 N ± 4.1km 22.192 E ± 2.4km
DEPTH = 34.5 ± 5.1 km
5.0mb (64 obs.) 5.2Msz (4 obs.)
MEDITERRANEAN SEA (400)
ML 5.1 (ATH).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 21C
Centroid Location:
Origin Time 08:49:42.3 1.7
Lat 35.35N 0.17 Lon 22.41E 0.10
Dep 38 5 7.0 Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr= 8.51 0.77 Mtt=-9.49 1.36
Mff= 0.98 0.82 Mrt= 2.94 1.03
Mrf=-2.23 1.01 Mtf= 2.25 0.74
Principal Axes:
T Val= 9.40 Plg=75 Azm= 61
N 1.14 11 284
P -10.54 10 193
Best Double Couple:Mo=1.0*10**24
NP1:Strike=269 Dip=36 Slip= 71
NP2: 112 56 103

ATH 2 61 28 ePn 50 24.00 2.8
ePb 50 28.00
eSg 51 10.00
VLS 2.82 333 iPnd 50 26.00 1.8
eSn 51 01.60
NPS 2 82 97 ePn 50 28.00 3.7X
ePg 50 39.50
PAIG 4.41 15 iPnc 50 48.70 1.8
LIT 4.43 3 ePnd 50 49.10 1.9
KZN 4.65 356 iPnd 50 51.50 1.3
PRK 4.83 41 ePn 50 53.80 1.1
OUR 4.87 16 ePnc 50 54.80 1.4
IZM 4.89 55 iP 50 54.60 0.9
THE 5.00 7 ePn 50 56.00 0.9
SOH 5.23 10 ePn 50 59.90 1.4
GRG 5.29 2 ePn 51 00.00 0.8
EZN 5.29 37 eP 50 58.70 -0.5
KNT 5.52 6 ePnc 51 03.60 1.1
OHR 5.55 349 iPnc 51 03 60 0.7
SRS 5.55 11 iPnc 51 03.90 0.9
VAY 5.65 3 iPnc 51 05.00 0.6
LCI 5.74 326 ePn 52 03.50 58.0X
eSn 53 17.00
MMB 6.04 11 iPc 51 10.00 0.1
iS 52 10.00
ORI 6.31 316 ePn 51 13.50 -0.1
eSn 52 24.00
SKO 6.32 355 iPnc 51 13 80 -0.1
i 51 24 00
iSn 52 22 70
i 52 53.00
DST 6 44 50 iP 51 16 40 0.8
KDZ 6.46 22 iPc 51 16.00 0.3
EDC 6 47 42 eP 51 16.90 1.0
BRT 6.52 324 iPnc 51 15.00 -1.5
iSn 52 35.50
ULC 6.69 341 ePn 51 17.00 -2.1
eSn 52 28.00
PLD 6.72 16 eP 51 21.00 1.6
DIM 6.90 22 iPd 51 23.00 1.1
GIB 6.95 292 iPnd 51 21.50 -1.3
iSn 52 34.50
VTS 6.97 6 iPd 51 24.00 1.2
BCK 6.99 73 iPd 51 23.00 -0.3
BDV 7.11 339 ePn 51 22.00 -2.8X
eSn 52 39.00
TTG 7 13 342 iPn 51 23 30 -1.8
iSn 52 40 00
PVY 7 13 347 iPn 51 24 80 -0.5
eSn 52 42 00
ALT 7 16 59 iPc 51 26.50 0.9
SGO 7 30 314 ePn 51 26.50 -1.0
eSn 52 48.00
HCY 7.36 338 ePn 51 25.00 -3.3X
eSn 52 46 00
IVA 7.41 347 ePn 51 28.50 -0.7
e 51 32.00
e(Sn) 52 48.00
YLV 7.48 47 iP 51 32 10 2.0
DMK 7.53 34 iP 51 30.30 -0.4
JMB 7.60 25 eP 51 33.00 1.3
BRY 7.76 340 ePn 51 31.30 -2.8X
eSn 52 56.00
PVL 7.82 16 iPd 51 34.00 -0.8
GPA 7.90 52 iP 51 37.20 1.3
PLE 7.95 345 ePn 51 35.40 -1.4
eSn 53 00.00
DUI 8.51 317 ePn 51 44.00 -0.3
CSS 9.13 91 eP 51 44.00 -9.0X
BUC 9.23 18 eP 51 58.00 3.7X
PSN 9.24 28 iPd 51 55.00 0.6
CLO 9.41 3 iPd 51 55.00 -1.8
AQU 9.56 317 iPnd 51 58.70 -0.2
HLW 9.63 124 eP 51 58.00 -1.9
eS 53 38.00
COZ 9.78 9 ePd 52 01.00 -1.1
CMP 9.83 12 ePc 51 55.00 -7.6X
TLB 9.97 25 ePd 52 04.00 -0.4
ISR 10.02 18 ePc 52 32.00 26.7X
MLR 10.22 15 ePd 52 08.00 0.0
BRD 10.51 19 eP 52 30.00 18.2X
CFR 10.53 24 ePc 52 16.00 3.8X
ODB 10.75 19 eP 52 22.00 6.9X
VRI 10.76 17 ePd 52 15.00 -0.2
BHL 11.21 95 eP 52 10.00 -11.5X
CLI 11.53 18 ePc 52 33.00 7.3X
CEY 11.65 332 eP 52 25.80 -1.6
i 52 25.90
eS 54 29.80
LJU 11.87 333 eP 52 28.30 -2.0
eS 54 33.00
TRI 11.89 330 iPnc 52 28.40 -2.2
iSn 54 33.10
i 55 50.20
BMR 12.04 4 ePc 52 34.00 1.4
BUD 12.04 350 eP 52 30.80 -1.8
VOY 12.10 331 eP 52 30.70 -2.9
S 54 37.10
PSZ 12.36 353 eP 52 33.80 -3.2X
CVF 12.42 308 eP 52 37.40 -0.4
1.0s 41.60nm 5.5mb
JOS 12.88 355 ePd 52 42.40 -1.4
1.0s 15.90nm 5.0mb
CTI 13.07 326 ePn 52 44.50 -2.0
eSn 55 03.50
ZST 13.08 345 ePn 52 44.10 -2.3
e 52 51.00
e 53 04.00
KBA 13.19 333 iPc 52 45.80 -2.2
1.1s 129.00nm 5.8mb
i 52 53.80
i 52 57.80
i 55 00.60
i(S) 55 04.70
i 55 11.20
i 55 32.60
SAL 13.29 322 iPnc 52 48.00 -1.2
iSn 55 07.00
VKA 13 32 343 iP 52 48.00 -1.6
Z 16s 7.80um
i 55 12.00
SPC 13.59 355 eP 52 51.50 -1.9
i 53 03.20
KMR 13.75 337 eP 52 52.00 -3.3X
i 53 00.70
iS 55 17.60
FRF 14.33 308 eP 53 03 70 0.8
1.0s 27.80nm 4 8mb
LRG 14.46 307 eP 53 04.30 -0.3
1.1s 47.80nm 4.9mb
ORO 14.65 317 e(Pn) 53 03 50 -3.7X
eSn 55 44.50
KHC 14.87 337 P 53 07.50 -2 5
1.0s 75.00nm 5 0mb
Z 16s 7 00um 5 1Msz
N 15s 4.50um
E 15s 3.30um
e 53 22 50
e 56 24 00
FUR 14.88 330 eP 53 09.50 -0.6
RTB 15.17 94 ePd 53 12.00 -1.9
e 53 43.00
eS 56 07.00
e 56 49.00
PRU 15.36 341 P 53 15.00 -1.3
Z 16s 8.20um

N 16s 5.10um
E 20s 4.10um
S 56 14.00
GRF 16 15 334 eP 53 28.00 1.6
1 5s 51.00nm 4.4mb
Z 16s 11 70um
BRG 16.33 341 eP 53 26.90 -1.7
2 1s 140 00nm 4.7mb
i 53 27.70
BUH 16.58 326 eP 53 32.20 0.3
WAR 16.59 357 eP 53 36.00 4.0X
Z 15s 7.00um
e 56 37.00
e 57 20.00
BSF 16.69 321 eP 53 33.20 -0.2
1.0s 100.00nm 4.9mb
MOX 16.82 336 eP 53 35.00 0.2
1.4s 41.00nm 4.4mb
Z 16s 9.50um 5.5Msz
N 16s 7.10um
E 16s 4.80um
i 53 45.00
i 53 50.00
eS 56 45.00
eLQ 59 00.00
CDF 16.84 324 eP 53 35.10 -0.2
0.9s 63.50nm 4.7mb
MSL 16.97 81 eP 53 38.00 1.1
e 56 55.50
CLL 16.98 340 iPc 53 38.30 1.5
1.4s 51.00nm 4.5mb
i 53 47.20
eS 56 55.00
HAU 17.03 321 eP 53 37.20 -0.3
1.1s 94.70nm 4.8mb
GWF 17.08 326 eP 53 38.40 0.3
SMF 17 60 314 eP 53 44.70 0.0
1.0s 42.00nm 4.5mb
TNS 17.65 330 eP 53 47.20 2.0
eS 56 49.70
LBF 17.70 315 eP 53 45.70 -0.3
1.0s 30.30nm 4.4mb
EBR 17.79 293 eP 53 46.00 -1.0
(S) 57 15.00
CAF 17.89 307 eP 53 48 40 0.1
1.1s 36.60nm 4.4mb
BRN 17 93 342 eP 53 50.00 1.4
LOR 17 93 316 eP 53 48.80 0.1
1.1s 36.60nm 4.4mb
AVF 17.96 314 eP 53 48.60 -0.5
0.9s 26.20nm 4.4mb
SSF 18.02 315 eP 53 49.50 -0.3
1.3s 64.90nm 4.6mb
MZF 18.13 312 eP 53 50.50 -0.8
1.3s 68.10nm 4.6mb
BGF 18.14 313 eP 53 51.50 0.1
WLF 18.24 325 Pc 53 53.60 1.1
S 57 33.00
ALI 18.30 285 eP 53 54.00 0.6
iS 57 25.00
LPO 18.37 306 eP 53 54.90 0.8
0.9s 26.20nm 4.4mb
GRC 18.39 315 iPc 53 54.60 0.2
i 54 09.70
RJF 18.40 308 eP 53 54.90 0.4
1 1s 34.10nm 4.4mb
TIF 18.40 311 eP 53 54.30 -0.2
1.1s 37.00nm 4.5mb
EPF 18.40 300 eP 53 55.40 0.8
1 1s 36.60nm 4.5mb
BHD 18 45 91 eP 53 56.00 0.8
i 57 39.00
e 58 00.00
BNS 18.74 329 eP 54 01.00 2.4
LFF 18.76 306 eP 53 58.60 -0.3
0.7s 24.40nm 4.5mb
LSF 18.80 311 eP 53 58.50 -0.9
1.2s 53.40nm 4.6mb
MEM 18.98 327 P 54 03.20 1.7
ENN 19 13 327 ePc 54 05.00 1.7
e 54 23.50
DOU 19.28 324 P 54 04.20 -0.8
0.8s 195.00nm 5.4mb
S 57 26.00
TAB 19.45 76 eP 54 05.00 -2.3
WTS 19.67 331 ePc 54 11.30 1.9
0 9s 45.00nm 4.8mb

UCC 19.86 325 P 54 12.00 0.6
MFF 19.99 310 eP 54 12.50 -0.3
0.7s 52.90nm 5.0mb
TAF 20.11 275 iP 54 20.00 5.8X
i 54 40.00
LGR 20.30 297 iPc 54 15.00 -1.1
iPP 54 38.00
eS 58 05.00
WIT 20.36 332 ePd 54 18.00 1.5
DBN 20.42 329 eP 54 20.00 2.8X
Z 19s 4 60um 4.9Msz
eS 58 07.00
KER 20.44 86 eP 54 17.00 -0.8
CRT 20.79 282 iP 54 22.50 1.2
LDF 20.90 315 eP 54 22.00 -0.2
COP 21.11 345 iPc 54 23.90 -0.3
0.9s 124.37nm 5.3mb
iS 58 18.00
TOL 21.14 289 eP 54 25.00 0.3
i 54 28.50
i(PP) 55 25.00
eS 58 25.00
LPF 21.17 313 eP 54 24.30 -0.6
1.1s 113.00nm 5.2mb
FLN 21.19 315 eP 54 25.00 -0.2
GRR 21.23 314 eP 54 25.70 0.2
1.0s 90.00nm 5.1mb
MAL 21.48 281 iP 54 29.50 1.4
IR2 23.29 82 eP 54 46.50 0.3
TEH 23.67 81 eP 54 51.00 1.0
UPP 24.39 354 iP 54 55.40 -1.1
iS 59 15.00
AVE 24.48 273 iP 54 58.50 0.9
i 55 28.50
NUR 24.91 3 iP 55 01.00 -0.5
0.8s 42.50nm 5.1mb
Z 16s 6.40um 5.2MszX
i 55 09.20
eS 59 22.00
LR 05 40.00
HFS 25.10 350 eP 55 02.30 -1.0
0.3s 17 90nm 5.1mb
KONO 25.36 345 eP 55 06.00 0.2
ECP 26.14 318 eP 55 14.00 1.0
1.1s 140.00nm 5.5mb
SHI 26.17 95 eP 55 14.00 0.2
ESK 26.26 326 eP 55 16.00 1.8
1.0s 160.00nm 5.6mb
ETA 26.30 319 eP 55 12.60 -1.9
1.3s 170.00nm 5.5mb
NB2 26.35 348 P 55 13.40 -1.5
1.1s 42.70nm 5.0mb
ECB 26.45 318 eP 55 13.70 -2.2
1.0s 135.00nm 5.5mb
SUF 27.19 4 iP 55 21.30 -1.3
0.6s 14.80nm 4.8mb
VAL 28.20 315 iP 55 41.70 9.9X
KJF 28.76 5 iP 55 35.40 -1.3
0.7s 25.40nm 5.0mb
Z 16s 12.40um 5.6MszX
i 55 49.10
eS 00 20.00
LR 08 16.00
KHI 29.83 82 ePc 55 46.10 -0.8
BNG 31.26 187 iPd 55 59.30 -0.1
1.2s 52.80nm 5.2mb
iS 01 05.30
TRO 34.07 358 eP 56 23.20 -0.1
KEV 34.25 3 iP 56 23.90 -1.0
0.8s 39.60nm 5.4mb
Z 16s 8.00um 5.5MszX
i 56 29.20
LR 11 28.00
QUE 37.72 85 eP 56 53.00 -1.9
e 02 30.00
AKU 38.23 334 iP 57 04.10 5.5X
1.4s 83.72nm 5.4mb
KIC 38.24 227 eP 56 59.10 -0.1
NAI 39.20 156 eP 57 10.00 2.6
0.9s 42.02nm 5.2mb
KSH 42.28 68 P 57 33.00 0.5
NDI 46.58 82 iPc 58 06.50 -0.5
0.7s 41.10nm 5.5mb
iS 04 53.00
POO 48.50 96 iPd 58 22.50 0.3
WMQ 49.84 60 P 58 31.60 -0.7
eS 05 39.00

GDH 52.13 334 iPd 58 50.00 0 8
0.9s 50.42nm 5.5mb
eS 06 25.00
KRI 52.68 171 eP 58 53.00 -1.0
HYB 52.89 95 eP 58 54.70 -0.9
1.0s 22.00nm 5.1mb
MTD 52.91 169 eP 58 56.00 0 3
DMN 53.37 80 iPc 58 58.20 -1 1
KKN 53.43 80 iPc 58 58.30 -1 4
PKI 53.63 80 iPc 58 59.90 -1 4
0.8s 47.00nm 5.5mb
ALE 54.16 351 ePc 59 03.40 -0 7
0.8s 8.00nm 4.8mb
KOD 56.01 103 eP 59 17.50 -1 2
LSA 57.28 75 P 59 26.70 -1 1
FRB 58.99 329 ePc 59 38.70 0.0
SHL 59.71 79 eP 59 33.00 -11.4X
GTA 59.85 61 P 59 44.30 -0.8
SCH 61.20 319 eP 59 53.00 -1.0
SLR 61.34 174 eP 59 55.00 -0.3
KSR 61.36 175 eP 59 56.30 0.8
EVA 62.18 173 eP 00 01.50 0.5
BFS 62.38 175 eP 00 01.90 -0.3
SEK 63.85 175 eP 00 12.00 0.0
0.5s 10.56nm 5.2mb
LZH 64.14 63 eP 00 13.50 -0.5
HNME 65.45 310 P 00 22.50 0.5
MBC 65.74 351 eP 00 23.00 -0.5
CD2 66.46 68 eP 00 27.90 -0 9
MIM 66.52 310 P 00 29.50 0.6
HHC 67.36 55 eP 00 34.20 -0.3
S 09 28.00
KMI 68 51 74 eP 00 40.00 -2 1
CHTO 68.73 82 eP 00 42.50 -0.7
MNT 69.23 312 iPd 00 47.00 1 1
TIY 69.46 58 eP 00 46.40 -1 1
RSNY 70.27 311 eP 00 53.80 1 5
OTT 70.55 312 eP 00 55 00 1 1
0.6s 22.00nm 5 4mb
BJI 70.82 54 eP 00 54.50 -1 2
GYA 70.88 71 eP 00 55.80 -0.6
ITR 72.11 245 eP 01 04.10 0.3
0.8s 2.90nm 4.3mb
e 01 13.10
e 01 40.20
BRW 73.33 360 eP 01 10.20 0.3
TIA 73.45 57 eP 01 10.80 -0.6
SNY 74.60 49 eP 01 17.40 -0.5
CN2 74.62 47 Pc 01 16.50 -1.5
sP 01 30.00
INK 74.77 351 eP 01 18.00 -0.4
YKC 76.18 341 eP 01 27.00 0.5
YKA 76.20 341 eP 01 27.40 0.8
LHC 76.44 320 eP 01 38.50 10.3X
SNG 76.46 91 eP 01 29.00 0.1
MDJ 76.56 44 eP 01 28.00 -1.0
RSON 77.08 324 eP 01 32.30 0.6
0.9s 6.30nm 4.6mb
PSI 77.66 96 eP 01 36.00 0 5
FFC 78.02 331 eP 01 38.00 1 1
1.0s 21 00nm 5 1mb
IMA 78.54 358 eP 01 41.00 1 3
COL 79.46 356 eP 01 45.00 0 5
FBA 79.46 356 P 01 44 50 0 0
FBA 79.46 356 eP 01 54.20 9 7X
1.0s 10.00nm 4.8mb
PRM 81.15 306 eP 01 55.50 1 4
KGM 81.62 94 ePc 02 04.00 7 2X
TTA 81.73 359 eP 01 58.30 1 7
RSCP 82.31 308 eP 02 01.30 1.1
PME 82.79 356 eP 02 03.60 1 6
1.0s 12.50nm 4.9mb
EDM 83.44 335 eP 02 06.50 0.9
BAO 83.66 246 e(P) 01 55.40 -11 9X
FVM 83.78 313 iP 02 09.00 1 4
0.8s 41.67nm 5 6mb
SES 84.89 332 eP 02 14.00 1 0
MAT 86.76 46 (P) 02 22.00 -0.5
0.8s 7.46nm 5.0mb
Z 19s 0.87um 5.2Msz
eS 13 00.00
RSSD 86.79 324 eP 02 24.10 1 3
1.5s 23.39nm 5 2mb
RLO 87.73 314 ePd 02 28.50 1 3
TUL 88.35 314 eP 02 29 40 -0 8
1.2s 58.40nm 5 8mb
Z 18s 1.08um 5 3Msz

21d 09h

N 17s 0.28um
E 18s 0 36um
e 02 31.50
e 02 43.00
SIO 88.77 314 e(P) 02 33.50 1.3
e 02 45.30
PNT 88.85 336 eP 02 33.00 0.7
1.1s 20.00nm 5.4mb
BHO 88 86 313 eP 02 34.70 2.1
NEW 88.90 334 eP 02 34.00 1.4
LRM 89.15 330 eP 02 35.00 0.9
BDW 90 37 327 eP 02 40.50 0.6
1.0s 10.00nm 5.1mb
GOL 90.78 322 eP 02 50.50 8.6X
ALO 94.98 320 eP 03 01.50 0.3
1.3s 10.10nm 5.1mb
Z 20s 0.82um 5.2Msz
e 03 13.00
BMN 95 57 330 P 03 03.50 -0.2
MTN 112.70 90 ePKP 08 09.00 -6.6X
WB2 119.06 95 ePKP 08 27.80 0.1
SPA 125.48 180 ePKP 08 39.10 0.3
1.0s 10.00nm
NOU 146.21 77 iPKPc 09 20.80 2.6X
S.D. = 1.2 on 214 of 244 obs

APR 21, 1985 10h 27m 32.56± 0.49s
26.044 N ± 4.2km 123.624 E ± 7.2km
DEPTH = 287.4 ± 4.3 km
4.3mb (5 obs)
NORTHEAST OF TAIWAN (245)

MYK 1.96 130 eP 28 53.00 34.9X
iS 28 55.00
TWC 2.15 229 iPd 28 19.50 -0.3
TATO 2.20 242 iP 28 20.90 0.7
TWO 3.08 236 iPd 28 28.50 -0.2
TWF1 3.41 219 iPd 28 31.10 -1.1
eS 28 58.00
TWG 3.96 216 iP 28 37.50 -0.7
TWK 3.97 227 ePc 28 38.00 -0.3
SSE 5.47 338 iPc 28 56.50 0.8
1.0s 89.00nm 4.6mb
S 30 00.00
NJ2 7.30 326 Pc 29 18.00 0.0
WHN 9.32 301 P 29 43.40 0.2
TIA 11.56 333 Pd 30 11.90 1.0
QIZ 14.51 244 P 30 47.80 0.8
TIY 15.01 324 eP 30 53.00 0.1
GYA 15.23 275 P 30 56.00 0.4
BJI 15.28 338 eP 30 54.50 -1.5
SNY 15.74 360 eP 31 00.80 -0.3
MAT 16 26 46 (P) 31 07.00 0.4
eS 31 20.00
CN2 17 78 4 eP 31 22.80 0.3
KMI 18.86 272 Pd 31 34.50 0.6
LCE 22 06 251 eP 32 04.50 -0.5
CHTO 23.89 258 iPd 32 22.60 0.3
0.7s 11.91nm 4.5mb
IPM 30 39 229 iPc 33 21.50 1.0
HYB 42 57 268 ePd 35 02.50 0.0
KOD 46.33 259 eP 35 33.00 0.4
MEK 52.58 186 iPc 36 19.10 -0.1
MRWA 55.43 188 eP 36 40.00 0.2
KLG 56.54 182 eP 36 48.00 0.4
KJF 69.38 332 eP 38 10.00 -1.0
SUF 70.51 331 iP 38 16.80 -1.0
0.5s 2.00nm 4.1mb
NUR 71.94 329 iP 38 25.40 -0.8
UPP 75.41 330 iP 38 45.80 -0.3
HFS 77.02 331 eP 38 54.30 -0.8
0.7s 3.60nm 4.2mb
NB2 77 61 333 P 38 57.60 -0.8
0.8s 3.60nm 4.2mb
YKA 80 40 24 eP 39 15.00 1.9
S.D. = 0.8 on 33 of 34 obs

% APR 21, 1985 11h 51m 45.71± 0.86s
39.112 N ± 7.5km 27.618 E ± 8.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.77 201 ePg 52 00.60 -0.1
iSg 52 14.60
DST 0.92 57 iPn 52 03.70 0.3
EZN 1.23 306 ePn 52 08.70 0.2
BNT 1.26 11 iPn 52 09.10 -0.1
KCT 1.27 26 ePn 52 09.00 -0.3
S.D. = 0.3 on 5 of 5 obs

? APR 21, 1985 12h 14m 45.85± 4.27s
33.967 S ±15.0km 72.233 W ±37.2km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV 0.68 89 iPc 14 58.50 -0.5
TACH 1.12 74 iPc 15 05.00 -0.3
PEL 1.53 58 iPd 15 12.30 1.1
iS 15 26.90
FCH 1.74 69 eP 15 15.00 0.5
JACH 1.88 47 iPd 15 16.50 0.2
MDZ 3.03 70 eP 15 35.60 2.9X
iS 16 15.50
RFA 3.22 105 ePc 15 36.40 1.1
RTCV 3.75 57 ePc 15 46.20 3.4X
S 16 35.40
ZON 3.85 52 eP 15 51.00 6.8X
RTLL 4.12 51 ePd 15 49.40 1.2
S 16 41.20
TCA 6.96 70 ePd 16 25.50 -2.7
S 17 52.70
VBA 9.25 119 ePd 17 00.30 0.2
SLA 10.92 34 e(P) 17 42.00 19.0X
ITR 39.94 59 eP 22 18.10 -0.7
S.D. = 1.3 on 10 of 14 obs.

• APR 21, 1985 12h 15m 54.42± 0.92s
25.135 S ±10.0km 179.517 E ± 9.8km
DEPTH = 525.8 ± 11.0 km
5.2mb (5 obs.)
SOUTH OF FIJI ISLANDS (171)

SVA 7.05 352 ePd 17 42.40 -0.5
VUN 7.16 352 iPc 17 43.20 -0.8
eS 19 13.20
NOU 12.30 281 iPc 18 38.00 1.3
KRP 13.19 194 P 18 46.70 0.9
CAN 28.16 242 eP 21 06.10 0.4
YOU 28.45 244 eP 21 09.10 0.9
WAM 28.45 240 eP 21 08.90 0.7
ASPA 41.42 262 iPd 22 56.20 0.0
WRA 41.90 268 Pd 22 59.80 -0.2
0.5s 10.60nm 4.6mb
MEK 54.41 254 iPd 24 32.40 -1.6
MRWA 56.05 251 eP 24 44.00 -1.3
NAU 58.12 258 iPc 24 59.50 0.0
SPA 65.01 180 e(P) 25 42.00 -2.0
ARN 83.26 43 P 27 26.50 0.1
WKTM 84.29 46 P 27 31.70 0.1
JAS1 84.31 44 eP 27 32.00 0.4
VPEM 84.79 46 P 27 34.00 -0.2
GLA 85.15 50 P 27 36.50 0.6
BMN 87.80 43 iP 27 49.00 0.5
0.8s 1.91nm 4.0mb X
TTA 89.89 11 P 27 58.00 0.5
MSU 89.95 47 P 27 59.00 0.5
LTX 91.45 58 eP 28 06.00 0.5
DAU 91.57 46 P 28 06.50 0.5
ALQ 92.06 52 eP 28 07.50 -0.8
1.0s 4.50nm 4.5mb
GOL 95.11 48 eP 28 21.80 -0.4
PKI 104.60 294 ePdiff 29 00.40 -4.7X
0.8s 7.00nm 5.6mb
KKN 104.79 294 ePdiff 29 01.30 -4.5X
0.5s 3.00nm 5.4mb
DMN 104.87 294 ePdiff 29 01.20 -5.0X
0.7s 8.00nm 5.7mb
KJF 136.84 342 ePKP 34 12.00 -5.8X
SUF 138.44 342 ePKP 34 11.00 -9.7X
NUR 140.63 341 iPKP 34 26.60 1.9X
0.5s 7.00nm
UPP 143.08 345 iPKPc 34 25.30 -3.7X
NB2 143 23 351 PKP 34 26.00 -3.3X
0.8s 16.00nm
HFS 143.66 348 iPKP 34 27.10 -2.9X
0.6s 22.20nm
CLL 151.89 342 iPKP 34 50.10 6.9X
0.9s 16.00nm
e 35 02.00
BRG 152.00 340 iPKP 34 50.70 7.3X
0.7s 13.00nm
35 03.00
BNG 152.47 225 iPKPc 34 52.00 6.8X
1.0s 11.90nm
S.D. = 0.9 on 25 of 37 obs

% APR 21, 1985 13h 18m 22.27± 0.96s
39.095 N ± 7.0km 27.641 E ±11.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.76 203 iPg 18 37.10 0.0
iSg 18 49.10
EZN 1.25 306 ePn 18 45.70 0.2
EDC 1.26 8 ePn 18 46.00 0.3
BNT 1.28 10 iPn 18 46.00 0.0
KCT 1.28 25 ePn 18 46.00 0.0
KGT 1.38 349 iPn 18 47.00 -0.5
S.D. = 0.4 on 6 of 6 obs.

APR 21, 1985 13h 21m 27.54± 0.17s
35.527 N ± 3.5km 87.283 E ± 2.8km
DEPTH = 33.0km (normal)
5.0mb (34 obs.) 5.4Msz (2 obs.)
TIBET (306)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B : 11S, 22C
Centroid Locotion:
Origin Time 13:21:34.2 0.5
Lat 35.72N 0.07 Lon 87.26E 0.08
Dep 33.0 FIX Half-duration 2.6
Moment Tensor, Scale 10**24 D-CM
Mrr=-0.14 0.15 Mtt=-1.95 0.13
Mff= 2.10 0.19 Mrt=-0.04 0.21
Mrf=-1.09 0.35 Mtf= 1.70 0.17
Principal Axes:
T Val= 3.06 Plg=18 Azm=109
N -0.44 70 315
P -2.63 8 202
Best Double Couple:Mo=2.8*10**24
NP1:Strike=247 Dip=71 Slip= 7
NP2: 154 83 161

LSA 6.66 150 ePn 23 09.70 3.6X
KKN 7.90 193 iPc 23 23.60 0.4
PKI 8.09 192 iPc 23 26.50 0.5
DMN 8.11 194 iPc 23 26.80 0.6
WMQ 8.29 2 P 23 26.00 -2.4
S 25 04.00
KSH 9.80 297 iPc 23 47.00 -2.4
S 25 42.00
GTA 10 69 65 P 24 00.00 -1.5
S 25 57.70
SHL 10.69 157 iP 24 00.00 -1.6
iS 27 14.00
NDI 10.92 234 iPd 24 03.00 -1.6
iS 26 00.00
LZH 13.46 83 Pc 24 36.00 -2.7
2.0s 141.00nm 5.5mb
N 10s 13.70um
eS 27 08.00
Lg 28 46.00
CD2 14.54 104 P 24 53.60 0.8
pP 25 00.00
sP 25 06.00
KMI 16.88 124 Pc+ 25 22.50 -0.6
E 11s 20.40um
pP 25 28.00
sP 25 34.00
eS 28 20.00
sS 28 31.00
SS 28 39.00
Lg 30 09.00
XAN 17.84 89 eP 25 32.60 -2.2
BTO 18.59 67 eP 25 42.80 -1.3
S 29 11.00
GYA 18.89 113 Pc 25 48.00 0.1
S 29 16.00
CHTO 19.59 145 eP 25 55.50 -0.4
HYB 19.64 206 eP 25 55.50 -1.0
1.0s 70.00nm 4.9mb
eS 29 16.00
HHC 19.79 67 Pc 25 58.00 0.0
pP 26 07.00 36kmX
sP 26 12.00
TIY 20.29 76 eP 26 02.10 -1.1
S 29 47.00
POO 20.69 219 iP 26 06.00 -1.5
eS 29 58.00
BOM 20.93 221 eP 25 49.00 -20.8

eS 29 17.00
LOE 22.15 141 eP 26 21.50 -0.7
e 34 33.00
MHI 22.49 280 iPd 26 25.80 0.2
eS 30 48.00
NST 22.87 147 eP 26 30.10 0.9
WHN 23.20 95 Pc 26 33.50 1.2
sP 26 52.00
sS 30 56.00
BJI 23.22 70 eP 26 34.00 1.5
N 17s 55.80um
S 30 53.00
KHI 23.52 275 eP 26 36.60 1.0
TIA 24.15 80 Pc 26 42.60 1.0
GZH 25.80 112 eP 26 58.70 1.4
S 31 31.00
OIZ 25.83 124 eP 26 58.00 0.4
NJ2 26.41 88 Pc 27 03.00 0.1
KOD 26.72 202 eP 27 05.00 -1.2
eS 31 46.00
HKC 26.87 112 eP 27 08.00 0.8
eS 31 48.00
SSE 28.59 89 P 27 23.50 0.8
1.5s 83.00nm 5.2mb
Z 10s 7.40um 5.6MszX
N 12s 9.70um
E 12s 2.40um
eS 32 13.00
sS 32 38.00
iSS 33 54.00
SNY 28.87 66 eP 27 25.20 0.1
CN2 30.30 62 Pc 27 37.20 -0.7
ANP 31.15 100 e(P) 27 48.00 2.4
TAB 32.71 287 e(P) 28 05.00 5.8X
MDJ 33.31 61 eP 28 05.00 0.8
BHD 35.27 279 eP 28 21.00 -0.1
e 39 24.00
MSL 35.50 285 eP 28 21.00 -2.2
RTB 38.60 280 ePc 28 51.00 1.8
e 34 12.00
MAT 40.80 73 (P) 29 07.00 -0.4
1.4s 23.26nm 4.7mb
Z 20s 3.37um 5.2Msz
(S) 38 38.00
BHL 42.07 283 P 29 19.00 1.0
S 35 48.00
DAV 45.07 120 eP 29 44.00 1.7
KJF 45.50 328 iP 29 46.70 1.6
0.8s 19.10nm 5.1mb
eS 36 28.00
eSS 39 52.00
SUF 45.98 326 iP 29 48.70 -0.3
0.8s 14.00nm 4.9mb
VRI 46.05 302 eP 29 50.00 0.2
e 39 50.00
NUR 46.51 323 eP 29 55.00 1.9
Z 16s 9.10um 5.8MszX
eS 36 44.00
eSS 40 12.00
LR 50 30.00
SOD 46.52 332 iP 29 53.30 0.2
MLR 46.66 302 ePd 29 56.00 1.3
CLO 48.91 302 eP 30 13.00 0.8
JOS 49.75 307 eP 30 19.10 0.6
SPC 49.81 308 e(P) 30 19.40 0.2
VAY 49.99 297 eP 30 20.50 0.0
UPP 50.02 322 iP 30 21.00 0.6
SKO 50.63 298 eP 30 24.40 -1.0
iS 37 40.00
iSS 41 26.00
HFS 51.96 322 eP 30 35.30 0.1
0.8s 10.30nm 4.8mb
Z 17s 10.69um 5.9MszX
LR 50 20.00
NB2 53.06 324 P 30 42.60 -0.9
0.7s 9.70nm 4.9mb
PRU 53.27 310 P 30 45.80 0.7
BRG 53.43 311 eP 30 46.80 0.5
1.0s 12.00nm 4.8mb
CLL 53.91 312 eP 30 49.00 -0.7
1.8s 24.00nm 4.9mb
Z 18s 5.00um 5.6Msz
BRT 53.99 298 eP 30 50.50 0.1
KHC 54.09 309 P 30 51.20 0.1
LJU 54.30 305 e(P) 30 51.80 -0.9
VOY 54.73 305 e(P) 30 55.50 -0.5
KBA 54.79 307 e(P) 30 57.00 0.4

0.8s 2.90nm 4.4mb
ORI 54.81 297 e(P) 31 02.60 6.1X
TRI 54.91 305 eP 30 56.20 -1.0
i 31 04.90
iS 38 40.00
eSS 42 32.00
eSSS 45 04.00
MOX 54.92 311 eP 30 58.00 0.7
GRF 55.42 310 eP 31 03.00 2.1
0.9s 14.00nm 5.0mb
Z 16s 7.60um 5.9MszX
SGO 55.46 298 eP 31 01.50 0.3
AQU 56.21 301 e(P) 31 12.00 5.3X
CTI 56.21 306 eP 31 05.50 -1.2
MNS 56.70 301 eP 31 09.00 -1.1
GWF 57.88 310 eP 31 18.40 0.0
CDF 58.28 310 eP 31 21.50 0.2
WLF 58.57 311 P 31 23.60 0.5
BSF 58.78 309 eP 31 25.00 0.2
1.0s 14.80nm 5.1mb
DAG 59.27 345 iPd 31 26.30 -1.4
0.5s 7.75nm 5.1mb
NAI 59.59 243 eP 31 13.00 -17.9X
1.0s 15.00nm
LOR 60.84 309 eP 31 38.40 -0.4
1.1s 12.20nm 4.9mb
LBF 60.87 309 eP 31 38.70 -0.4
1.0s 9.20nm 4.9mb
SMF 61.09 309 eP 31 40.50 0.0
1.1s 18.00nm 5.1mb
SSF 61.14 309 eP 31 40.80 0.0
1.2s 20.80nm 5.1mb
ALE 61.27 356 eP 31 40.00 -1.3
1.0s 5.00nm 4.6mb
AVF 61.34 309 eP 31 42.40 0.2
1.1s 22.80nm 5.2mb
MZF 62.06 308 eP 31 47.60 0.5
1.2s 17.60nm 5.1mb
TCF 62.27 309 eP 31 48.90 0.4
1.0s 19.20nm 5.2mb
LSF 62.71 309 eP 31 51.00 -0.4
1.2s 16.50nm 5.0mb
CAF 62.91 307 eP 31 53.30 0.6
0.8s 5.90nm 4.8mb
RJF 63.11 308 eP 31 54.90 0.9
1.2s 17.80nm 5.1mb
GRR 63.33 312 eP 31 54.10 -1.3
1.2s 36.60nm 5.4mb
LPO 63.58 307 eP 31 57.70 0.6
MFF 63.63 310 eP 31 57.20 -0.2
1.2s 20.20nm 5.1mb
LFF 63.76 308 eP 31 59.10 0.8
0.8s 7.40nm 4.8mb
BRW 64.38 19 eP 32 02.50 0.5
MBC 67.22 7 eP 32 20.00 -0.1
IMA 68.49 23 eP 32 28.30 -0.1
MEK 68.50 150 eP 32 28.00 -0.7
TTA 69.71 26 eP 32 36.50 0.7
BNG 70.16 261 iPd 32 38.50 -0.7
1.0s 23.70nm 5.2mb
COL 71.09 22 eP 32 44.00 -0.1
0.9s 7.14nm 4.7mb
FBA 71.09 22 eP 32 43.70 -0.4
1.0s 8.70nm 4.8mb
INK 72.11 15 eP 32 50.00 -0.1
PME 73.01 25 eP 32 56.00 0.5
1.0s 7.50nm 4.6mb
KLG 73.37 150 eP 32 58.00 0.1
ASPA 73.57 136 eP 32 48.00 -11.3X
MTD 74.08 235 eP 33 02.00 -0.4
BUL 78.44 235 iPc 33 27.50 0.5
1.0s 12.50nm 4.9mb
YKA 80.74 10 eP 33 39.00 0.5
YKC 80.77 10 eP 33 39.00 0.3
0.8s 13.00nm 5.0mb
RMQ 84.69 128 eP 34 02.00 2.6X
SCH 87.30 345 eP 34 13.00 1.0
KIC 87.99 276 eP 34 19.70 3.8X
ISA 105.22 22 ePKP 39 56.00 7.8X
CLC 105.33 21 ePKP 40 00.00 11.6X
GSC 106.04 20 ePKP 40 04.00 14.2X
SBB 106.32 21 ePKP 40 02.00 11.7X
MWC 106.68 22 ePKP 40 02.00 10.8X
PAS 106.71 22 ePKP 40 02.00 11.0X
RVR 107.10 21 ePKP 40 06.00 14.3X
TPC 107.37 20 ePKP 40 09.00 16.7X
PLM 107.84 21 ePKP 40 10.00 16.6X

BAR 108.53 21 ePKP 40 11.00 16.5X
LPB 151.03 304 ePKP 41 16.00 2.5X
S.D. = 1.0 on 106 of 126 obs.

APR 21, 1985 13h 28m 23.38± 0.22s
29.734 N ± 2.7km 137.776 E ± 3.1km
DEPTH = 510.7 ± 2.4 km
5.1mb (67 obs.)
SOUTH OF HONSHU, JAPAN (211)

HJJ 3.77 27 Pd 29 40.80 -0.6
eS 30 42.00
SHJ 4.08 336 eP 29 44.00 0.2
S 30 50.70
OWA 4.52 343 eP 29 48.00 0.5
S 30 56.50
MRT 4.66 320 iPc 29 50.60 1.9
eS 31 00.00
CBI 4.69 123 eP 29 47.00 -1.9
eS 30 51.00
HMM 4.96 360 eP 29 52.00 0.7
eS 31 02.00
TKS 5.10 329 Pc 29 54.50 1.9
iS 31 06.80
OSK 5.18 340 eP 29 54.00 0.6
S 31 07.00
OSH 5.19 15 P 29 52.30 -1.1
S 31 01.50
KOC 5.25 318 Pc 29 55.80 1.9
iS 31 09.40
SHZ 5.25 6 ePd 29 54.00 0.1
eS 31 03.00
OSA 5.29 339 Pc 29 56.00 1.7
S 31 09.50
KOB 5.41 337 eP 29 55.00 -0.4
eS 31 11.00
AJI 5.41 12 P 29 53.80 -1.6
S 31 05.00
MIS 5.45 10 Pd 29 55.00 -0.8
eS 31 06.00
NAG 5.46 353 eP 29 57.00 1.1
eS 31 13.00
TAT 5.52 18 eP 29 54.00 -2.5
S 31 06.10
KYO 5.54 342 eP 29 57.00 0.4
S 31 10.50
TKM 5.55 326 Pc 29 58.40 1.7
S 31 14.30
GIF 5.71 352 eP 30 00.00 1.8
S 31 13.80
IID 5.76 0 Pd 29 59.20 0.4
S 31 12.80
OYM 5.80 12 eP 29 56.90 -2.3
KYS 5.80 20 eP 29 56.10 -3.0X
MYZ 5.88 293 iPc 30 02.60 2.0X
S 31 21.80
MTY 5.90 315 Pc 30 02.00 2.0
e 31 15.00
YOK 5.90 15 Pd 29 58.30 -1.8
S 31 13.10
OKA 5.92 327 eP 30 01.00 0.8
eS 31 20.00
NOB 5.94 300 eP 30 02.00 1.6
S 31 22.50
SRY 5.99 12 eP 29 58.30 -2.6
TOK 6.17 15 P 30 01.30 -1.3
S 31 15.90
TYK 6.29 337 iPc 30 04.80 1.0
eS 31 19.00
OIT 6.31 305 Pc 30 06.30 2.3
eS 31 29.00
DDR 6.36 10 eP 30 02.20 -2.4
S 32 20.50
FUK 6.43 349 eP 30 07.00 1.8
S 31 28.20
SHK 6.45 319 iPc 30 05.60 0.2
iS 31 29.00
KAG 6.49 288 eP 30 07.00 1.3
eS 31 32.00
CHO 6.51 23 eP 30 05.00 -0.9
iS 31 22.70
TSK 6.75 16 iPd 30 04.50 -3.9X
KUM 6.78 299 Pc 30 10.60 2.0
S 31 36.40
MAT 6.80 3 iPd 30 07.00 -1.9
eS 31 27.00
NGN 6.92 3 Pd 30 09.10 -1.0

21d 13h

			S	31	32.30					S	38	00.00			NWAO	65.29	199	iPd	38	15.40	-0.6
MTS	6.95	326	Pc	30	11.40	1.1	KKM	31.12	225	ePc	34	02.00	0.8		CAN	65.57	170	iPd	38	17.90	0.2
			eS	31	37.00		KMI	31.36	270	Pc	34	04.50	1.1		KHI	65.69	297	ePc	38	18.50	-0.3
MVI	6.98	238	Pc	30	12.60	2.0		N 18s		3.10um					WAM	66.40	170	eP	38	23.20	0.4
			eS	31	39.00					S	38	35.00			RKG	66.43	199	eP	38	25.50	2.5X
MIT	7.00	18	eP	30	08.00	-2.8	GTA	32.51	298	iPc	34	12.60	-0.2		BFD	66.71	176	eP	38	24.00	-0.6
			S	31	31.50					pP	35	43.60	529kmX		TOO	67.34	173	eP	38	28.00	-0.5
UTS	7.01	14	Pd	30	08.10	-2.9				S	38	49.00			ALE	67.56	3	ePc	38	29.60	0.2
			iS	31	30.10					ScP	39	40.50				0.9s	85.00nm			5.4mb	
HMD	7.05	318	eP	30	12.00	0.6	MOM	32.91	162	eP	34	16.00	-0.1		KEV	69.19	340	iP	38	39.00	-0.4
			S	31	39.80		AAI	34.48	197	iPd	34	29.60	0.3			0.7s	52.10nm			5.2mb	
SAG	7.28	301	Pc	30	15.20	1.6	CHTO	36.87	262	iP	34	50.00	0.8					e	06	52.00	
			eS	31	47.00			0.6s		79.97nm			5.4mb					e	10	22.00	
WAJ	7.67	355	eP	30	17.00	-0.6	PMG	39.95	165	eP	35	14.00	-0.2		PHC	70.45	42	eP	38	48.00	0.9
			S	31	45.50		ADK	40.11	43	eP	35	15.60	0.4		SOD	70.51	337	iP	38	46.30	-0.9
FPS	8 31	15	eP	30	24.00	-0.3	KGM	42.78	236	ePc	35	37.40	0.5		IR2	71.04	301	eP	38	51.00	0.0
			iS	31	56.20			0.7s		88.00nm			5.4mb		YKA	71.65	28	eP	38	54.10	0.2
YAM	8.76	13	eP	30	28.00	-1.0	IPM	42.79	241	iPd	35	37.20	0.2		YKC	71.71	28	eP	38	54.00	-0.2
			iS	31	05.20			0.9s		130.60nm			5.5mb			0.5s	19.00nm			4.9mb	
SEN	8 89	16	eP	30	29.00	-1.3				e	37	16.80			KJF	71.75	334	iP	38	53.70	-0.8
			eS	32	06.00		MTN	42.81	190	eP	35	35.00	-2.0			1.1s	100.80nm			5.3mb	
NGC	9.20	252	eP	30	34.00	0.5	KLM	43.28	239	ePd	35	41.40	0.5		DAG	72.76	354	iPd	38	59.10	-1.0
			S	32	21.00		TRT	44.39	217	ePd	35	47.40	-2.1			1.0s	83.00nm			5.2mb	
NAH	9.58	251	eP	30	38.00	0.4	TSI	45.36	242	ePc	35	55.90	-1.2		TAU	72.82	173	iPc	39	01.80	1.1
			S	32	29.70		PSI	45.60	241	ePd	35	58.30	-0.6		SUF	73.13	333	iP	39	00.80	-1.6
OFU	9.86	18	eP	30	39.00	-1.4		0.5s		66.30nm			5.4mb			0.6s	35.10nm			5.1mb	
			S	32	26.50		PKI	45.68	281	iPc	35	59.70	-0.2		PGC	73.66	43	eP	39	07.00	1.4
AKI	10.14	10	Pc	30	44.70	1.3		0.5s		29.00nm			5.1mb		NUR	74.94	332	iP	39	11.70	-0.9
			S	32	33.90		KKN	45.73	281	iPc	36	00.20	0.1			0.7s	30.60nm			4.9mb	
MRK	10.32	15	eP	30	45.00	-0.2	DMN	45.93	281	iPc	36	01.70	0.0		PNT	75.59	41	eP	39	17.00	0.6
			S	32	39.10		KNA	46.05	192	iPd	36	00.70	-1.5			0.9s	43.00nm			5.0mb	
MIY	10.47	18	eP	30	46.00	-0.7		0.3s		116.00nm			5.9mb		KRP	76.01	150	P	39	19.80	1.1
			S	32	39.40		PPI	46.59	237	ePd	36	06.60	0.1		FHC	76.90	50	e(P)	39	26.60	2.8X
HAC	11.19	15	eP	30	54.00	-0.3		0.7s		86.70nm			5.4mb		NEW	77.54	41	eP	39	27.00	-0.2
			S	32	53.50		BSI	46.71	247	ePc	36	07.00	-0.4		WDC	77.98	50	eP	39	31.30	1.7
SEO	11.91	314	iPc	31	01.10	-0.8	WRA	49.50	184	Pd	36	27.00	-1.4		UPP	78.14	334	iP	39	28.90	-1.1
HAK	12.29	11	eP	31	06.00	0.2		1.0s		261.00nm			5.6mb		GAS	78.30	51	P	39	33.30	1.8
			S	33	16.70		ISO	50.19	178	iPd	36	32.80	-0.6		MIN	78.71	50	eP	39	33.70	0.0
SUT	13.18	8	eP	31	15.00	0.1	CTA	50.20	170	iPd	36	33.00	-0.5		ORV	79.17	51	eP	39	36.20	0.3
			eS	33	34.00					iS	43	04.00			HFS	79.44	335	iP	39	35.80	-1.0
SAP	13.60	11	eP	31	20.00	0.8	NDI	52.32	285	iP	36	48.80	-0.2			0.4s	30.70nm			5.1mb	
			eS	33	43.00					iS	43	32.70			BRK	79.48	52	eP	39	38.40	0.9
SSE	14.38	280	Pd	31	25.90	-1.3	TTA	53.18	32	eP	36	55.10	0.3		BKS	79.50	52	eP	39	38.50	0.9
	1.2s	63.00nm			5.0mb		ASPA	53.22	184	iPd	36	54.70	-0.8			0.8s	100.00nm			5.3mb	
ANP	15.13	256	eP	31	35.50	0.6		0.6s		116.00nm			5.4mb		PCC	79.58	53	eP	39	39.20	1.2
TATO	15.23	256	eP	31	35.00	-0.8				e	41	04.00			NB2	79.69	337	P	39	37.20	-1.0
	0.8s	70.28nm			5.3mb					eS	42	37.00				1.0s	105.80nm			5.2mb	
			e	33	16.50					eScS	43	44.00			SES	79.75	37	iP	39	38.60	-0.1
MDJ	16.21	339	Pc	31	45.50	0.1	MBL	53.47	201	iPd	36	56.30	-0.9		MHC	80.17	53	eP	39	42.40	1.1
			iS	34	33.00			0.3s		61.00nm			5.4mb		ARN	80.24	53	P	39	42.70	1.2
			ScP	38	54.00		BRW	54.30	21	eP	37	03.20	0.6		SLD	80.59	53	P	39	44.60	1.3
			ScS	42	33.00		IMA	54.53	28	eP	37	04.40	0.0		JAS1	80.72	52	eP	39	44.40	0.4
NJZ	16.41	283	iPc	31	47.00	-0.4	KDC	54.68	38	P	37	05.50	0.1		PRS	80.86	53	e(P)	39	45.90	1.2
			iS	34	33.00		HYB	55.13	271	eP	37	08.50	-0.7		GDH	80.96	4	iPc	39	44.90	0.4
SNY	16.66	320	iPc	31	50.00	0.2	NAU	56.22	205	iPd	37	16.20	-0.3			1.0s	54.00nm			5.0mb	
			S	34	40.00		PMR	56.33	33	P	37	16.00	-0.9					e	42	15.00	
			ScS	42	34.20			0.9s		83.33nm			5.1mb					e	51	25.00	
CN2	17.14	328	iPc	31	54.80	0.3	PME	56.38	33	eP	37	16.40	-0.8		LLA	81.02	53	e(P)	39	47.00	1.5
			ScS	42	35.40			1.0s		100.00nm			5.1mb		LRM	81.55	42	eP	39	49.60	1.2
GUMO	17 36	156	eP	31	58.70	1.9	RMQ	56.88	168	eP	37	20.00	-1.0		BMN	81.55	48	iP	39	50.00	1.6
PJG	17 36	156	ePd	31	58.40	1.6	COL	56.91	29	eP	37	21.00	0.2			1.0s	27.75nm			4.7mb	
GUA	17.42	156	ePd	31	58.90	1.5		0.8s		55.60nm			4.9mb					epP	41	40.00	500kmX
	0.7s	1386.30nm			6.7mb	X	FBA	56.91	29	eP	37	20.10	-0.7		FRI	81.68	52	eP	39	50.00	1.1
			e(S)	34	53.00			1.0s		87.50nm			5.0mb		MNA	81.99	50	eP	39	52.00	1.4
QZH	17.70	259	eP	32	00.00	0.0	GBA	57.74	268	P	37	26.30	-0.8		EUR	82.87	48	iP	39	56.10	1.0
			iS	34	58.00		NOU	58.64	149	iPc	37	34.10	1.1			0.5s	10.64nm			4.6mb	
TIA	18.48	296	Pc	32	07.70	0.1	MEK	58.98	200	iPd	37	33.90	-1.4		COP	83.01	332	iPc	39	55.20	0.1
			S	35	10.00			0.4s		25.00nm			5.0mb			0.7s	73.97nm			5.3mb	
			ScP	38	59.40		OUE	60.38	290	eP	37	44.20	-0.6		CWC	83.08	52	eP	39	57.00	0.8
			ScS	42	39.20					eS	45	19.60			SPC	83.76	324	eP	40	00.20	0.9
CVP	18 86	234	iPd	32	11.00	-0.3	PNL	61.30	35	eP	37	50.30	0.1					e	41	50.00	
SZP	19.94	236	iPc	32	22.00	0.4	CMS	61.36	172	eP	37	51.00	0.1					e	43	22.20	
WHN	20 27	278	P	32	25.00	0.3	COO	61.47	166	eP	37	49.00	-2.6X		JOS	84.05	324	iPc	40	01.10	0.6
BJI	20.44	306	eP	32	25.00	-1.1	KLG	62.15	196	iPd	38	06.10	10.0X			1.6s	57.10nm			5.0mb	
			e	35	41.00		KLG	62.15	196	eP	37	55.00	-1.1		FRB	84.53	11	eP	40	02.00	-0.6
			e	42	45.00			0.3s		28.00nm			5.2mb			0.4s	45.00nm			5.5mb	
BAG	20.61	234	eP	32	26.50	-1.6	MRWA	62.20	202	iPd	37	55.20	-1.2		BDW	85.00	43	iP	40	06.20	0.6
MAN	21.50	229	iPd	32	36.50	0.4		0.4s		29.00nm			5.1mb			1.0s	14.40nm			4.6mb	
OCP	21.52	229	eP	32	26.90	-9.3X	INK	62.27	25	iPc	37	56.00	-0.4					epP	41	57.00	499kmX
HKC	22.44	256	eP	32	42.50	-2.1		0.7s		49.00nm			5.1mb		BRG	85.70	328	iP	40	08.80	0.3
TIY	22.48	297	iPd	32	44.50	-0.6	MHI	64.31	299	eP	38	11.00	1.0			1.3s	35.00nm			4.9mb	
GZH	22.84	259	Pd	32	48.60	0.4	MBC	64.36	15	iPc	38	09.40	-0.3					epP	41	59.20	496kmX
XAN	24.83	287	iPc	33	05.60	-0.7		0.6s		90.00nm			5.6mb					eSKS	49	44.00	
DAV	25.28	209	eP	33	10.00	-0.3	ADE	64.36	179	iPd	38	10.00	-0.1					eS	49	57.00	
			eS	36	24.00			0.8s		86.57nm			5.4mb		CLL	85.83	329	iPc	40	07.90	-1.2
QIZ	27.51	254	Pc	33	30.50	0.6	YOU	64.45	170	iPd	38	10.90	0.2			1.4s	51.00nm			5.0mb	
CD2	29.33	281	iPc	33	45.40	-0.3	MUN	64.70	200	eP	38	11.00	-1.3					epP	41	59.00	499kmX

eS 49 56.00
PRU 86.03 327 P 40 10.00 -0.1
Z 17s 8.20um 6.2MszX
N 13s 3.90um
E 17s 6.10um
e 42 01.20
e 43 38.00
MOX 86.92 329 eP 40 14.00 -0.4
1.4s 36.00nm 4.9mb
Z 17s 5.10um 6.0MszX
N 17s 3.20um
E 17s 3.60um
e 43 20.00
e 43 43.00
HOF 87.03 329 eP 40 14.20 -0.8
Z 17s 6.50um 6.1MszX
KHC 87.08 327 iP 40 15.00 -0.2
1.1s 20.00nm 4.8mb
Z 16s 2.70um 5.7MszX
N 16s 2.70um
E 16s 2.20um
e 42 06.10
e 43 44.50
GLA 87.17 53 eP 40 17.00 1.0
RSSD 87.34 39 iP 40 18.30 1.5
1.5s 42.32nm 5.0mb
epP 42 10.00 500kmX
VAY 87.39 317 eP 40 15.00 -1.8
WET 87.40 327 iPd 40 17.10 0.4
Z 17s 4.60um 6.0MszX
SKO 87.65 318 iP 40 18.50 0.5
GRF 87.78 329 eP 40 18.80 0.3
1.4s 61.00nm 5.2mb
RSON 87.80 30 eP 40 19.10 0.6
1.0s 50.00nm 5.3mb
epP 42 10.50 498kmX
OHR 88.56 318 eP 40 21.30 -1.0
eS 49 58.50
KBA 88.62 326 iPc 40 21.60 -1.0
1.5s 25.00nm 4.8mb
i 40 31.60
e 50 03.50
e 11 04.50
i 11 27.80
i 11 31.70
i 12 21.00
LJU 88.74 324 eP 40 22.30 -0.7
e 42 23.80
e 43 25.40
eS 45 00.30
FUR 88.84 327 eP 40 23.50 0.1
VOY 89.07 325 eP 40 22.90 -1.7
i 40 23.60
MEM 89.36 332 P 40 25.90 0.2
e 44 06.50
TRI 89.36 324 iPd 40 24.30 -1.5
GOL 89.38 44 eP 40 28.00 1.6
1.0s 5.50nm 4.4mb
epP 42 21.00 505kmX
GLD 89.44 43 eP 40 29.00 2.4
epP 42 21.50 502kmX
OGA 89.89 327 iPd 40 28.20 -0.3
GWF 89.90 330 iPc 40 27.80 -0.5
id 11 34.40
WLF 90.02 331 P 40 29.50 0.8
SAX 90.40 328 ePd 40 31.00 0.0
OSS 90.44 327 ePd 40 31.00 0.0
CDF 90.48 330 eP 40 30.70 -0.4
1.3s 43.30nm 5.2mb
ZUL 90.67 328 ePd 40 32.60 0.7
LLS 90.85 328 ePd 40 32.50 -0.4
VDL 90.91 327 ePd 40 33.20 0.0
SAL 91.04 326 eP 40 32.70 -0.8
BSF 91.13 329 eP 40 33.70 -0.4
1.2s 33.00nm 5.2mb
HAU 91.19 330 eP 40 33.80 -0.5
1.6s 42.20nm 5.2mb
LHC 91.54 29 eP 40 36.00 0.2
ALO 91.68 48 eP 40 38.00 1.0
0.9s 16.81nm 5.0mb
e 42 28.00
ORI 91.77 319 eP 40 37.80 0.8
DUI 91.79 321 eP 40 37.70 0.6
AQU 91.88 322 eP 40 39.70 2.1
DIX 92.17 328 ePd 40 39.00 -0.1
LOR 92.84 331 eP 40 41.40 -0.5
1.2s 24.90nm 5.1mb

LBF 93.01 330 eP 40 41.80 -0.9
1.1s 15.80nm 5.0mb
GRC 93.15 331 iPc 40 43.00 -0.2
SSF 93.15 331 eP 40 42.70 -0.6
1.2s 33.90nm 5.3mb
SMF 93.33 330 eP 40 43.80 -0.3,
1.2s 32.70nm 5.3mb
LDF 93.41 334 eP 40 44.20 -0.2
FLN 93.41 334 eP 40 44.20 -0.2
AVF 93.43 331 eP 40 44.30 -0.2
1.1s 35.60nm 5.4mb
BGF 93.83 331 eP 40 46.20 -0.2
1.1s 15.00nm 5.0mb
GRR 93.86 334 eP 40 46.30 -0.2
1.1s 34.70nm 5.4mb
MZF 94.21 331 eP 40 48.30 0.1
1.5s 45.40nm 5.4mb
LPF 94.22 334 eP 40 48.40 0.2
1.2s 33.00nm 5.3mb
TCF 94.31 331 eP 40 48.30 -0.4
1.2s 13.70nm 5.0mb
LSF 94.63 331 eP 40 49.60 -0.5
1.1s 16.70nm 5.1mb
RJF 95.39 331 eP 40 53.80 0.3
CAF 95.45 330 eP 40 54.30 0.5
1.1s 9.70nm 4.9mb
LTX 97.04 51 eP 41 03.00 1.7
1.0s 2.20nm 4.4mb
e 42 55.00
JCT 98.83 48 eP 41 07.00 -2.4
1.0s 5.00nm 4.9mb
EBR 99.42 329 eP 41 04.00 -7.7X
e 48 19.00
MTD 111.96 263 ePKP 46 02.00 -0.1
iSKP 48 50.00
BUL 115.92 261 iPKPc 46 09.00 -0.7
0.7s 3.08nm
iSKP 48 57.00
SLR 118.35 255 ePKP 46 14.50 0.3
0.9s 10.08nm
i 49 02.00
KIC 129.18 309 ePKP 46 35.00 -0.1
ARE 150.11 70 ePKP 47 20.00 7.6X
YJA 157.78 76 ePKPc 47 24.80 2.0
S.D. = 1.1 on 250 of 260 obs.

% APR 21, 1985 13h 29m 55.23± 0.91s
59.982 N ± 6.1km 5.309 E ±10.9km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.8 (BER).

ASK 0.51 354 iPg 30 05.50 0.0
iSg 30 12.90
ODD 0.68 92 iPgd 30 09.00 0.2
iSg 30 18.30
KMY 0.77 182 ePn 30 10.20 -0.1
iSn 30 19.40
SUE 1.11 346 iPn 30 16.30 0.2
iSn 30 30.90
HYA 1.26 20 ePn 30 18.30 -0.4
eSn 30 36.80
S.D. = 0.4 on 5 of 5 obs.

APR 21, 1985 13h 53m 00.70± 0.11s
5.181 S ± 2.7km 130.443 E ± 3.2km
DEPTH = 79.4km (5 depth phases)
5.9mb (48 obs.)
BANDA SEA (280)
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=275 Dip=80 Slip= -30
NP2: 11 61 -168
Principal Axes:
T Plg=13 Azm=326
P 28 229
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a moderate normal component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 86 No of sta: 5
Moment Tensor; Scale 10**25 d-cm
Mrr= 0.23 Mtt=-0.07
Mff=-0.15 Mrt= 0.75
Mrf=-1.09 Mtf= 0.09
Principal axes:
T Val= 1.35 Plg=50 Azm= 55
N -0.02 0 146
P -1.33 40 236
Best Double Couple:Mo=1.3*10**25
NP1:Strike=329 Dip= 5 Slip= 93
NP2: 146 85 90
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 24C
Centroid Location:
Origin Time 13:53: 6.4 0.4
Lat 5.08S 0.04 Lon 130.41E 0.05
Dep 99.0 3.8 Half-duration 3.6
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.60 0.38 Mtt=-4.34 0.62
Mff= 2.74 0.81 Mrt= 6.44 0.34
Mrf=-6.01 0.41 Mtf=-1.92 0.52
Principal Axes:
T Val= 10.56 Plg=43 Azm= 59
N -1.80 25 303
P -8.76 36 193
Best Double Couple:Mo=9.7*10**24
NP1:Strike=223 Dip=25 Slip= 9
NP2: 125 86 115

AAI 2.69 303 iPd 53 46.50 3.9X
MTN 7.65 175 eP 54 50.00 -1.5
e 05 10.00
e 06 32.00
e 08 56.00
KNA 10.63 189 iPd 55 29.50 -2.7
0.3s 540.00nm 7.0mb X
DAV 13.12 338 eP 56 06.90 1.6
0.9s 504.20nm 6.2mb
eS 58 28.00
WRA 15.16 166 Pd 56 27.50 -4.2X
0.4s 54.10nm 5.1mb
MDG 15.27 91 eP 56 45.00 11.8X
PMG 17.10 105 iPc 56 56.20 0.1
MOM 17.21 80 eP 56 58.00 0.5
ISO 17.80 151 iPc 57 02.10 -2.7
eS 00 02.00
TRT 17.87 261 iPc 57 06.30 0.7
iS 00 37.10
LMG 17.96 103 eP 57 05.00 -1.9
KKM 18.06 308 iPd 57 09.90 1.8
0.9s 148.90nm 5.2mb
i 57 31.50
ASPA 18.68 170 eP 57 13.00 -2.4
eS 00 28.00
MBL 18.93 212 iPd 57 17.20 -1.8
0.3s 390.00nm 6.1mb
RAB 21.68 88 ePc+ 57 47.50 0.9
OCP 21.77 335 eP 57 42.10 -5.3X
MAN 21.79 335 iPc 57 49.60 2.0
NAU 22.51 219 iPd 57 55.00 0.3
0.6s 330.00nm 5.9mb
GUA 23.50 38 eP 58 04.30 -0.1
0.9s 1008.40nm 6.2mb
GUMO 23.51 37 eP 58 04.50 0.1
eS 02 09.50
PJG 23.51 37 eP 58 04.10 -0.4
BAG 23.57 336 iPc 58 05.90 0.7
iS 02 10.00
MEK 24.15 207 eP 58 10.00 -0.7
0.5s 160.00nm 5.7mb
CVP 24.28 340 iPc 58 12.00 0.1
iS 58 38.00
BGA 24.63 93 eP 58 15.00 -0.5
SZP 24.65 337 iPc 58 17.00 1.6
PAA 24.95 94 eP 58 19.00 0.6
eS 58 26.00
KLG 26.83 197 iPd 58 35.10 -0.5
RMO 27.48 142 eP 58 41.00 -0.5
0.8s 469.00nm 6.1mb
e 59 04.00 104kmX
MRWA 27.54 208 eP 58 41.00 -1.0
KGM 28.02 284 ePc 58 46.00 -0.5
BAL 28.41 205 eP 58 50.00 0.2
KLB 28.84 203 iPd 58 53.20 -0.5
SVO 29.40 99 eP 58 57.00 -1.9
HNR 29.56 100 eP 58 58.00 -2.3
eS 03 44.00
MUN 29.81 205 iPd 59 01.40 -0.9
0.5s 58.00nm 5.5mb

21d 13h

CMS	29.89	153	eP	59	02.00	-1.0				ScP	06	23.60						eS	11	19.00		
	0.7s		75.00nm			5.5mb				S	07	10.00		DRV	61.74	176	eP	03	12.70	0.0	
			e	59	50.00	241kmX				sS	07	44.00					eS	11	27.50		
NWAO	30.23	202	iPc	59	05.70	-0.3				ScS	10	44.50					eSSS	18	15.00		
	0.5s		63.00nm			5.6mb	XAN	43.99	334	iPc	01	01.40	-0.6	WMQ	62.13	326	iPc	03	15.80	0.0	
ADE	30.61	167	iPd	59	09.50	0.1				sP	01	29.00					sP	03	44.00		
	0.6s		213.33nm			6.1mb				PPP	03	14.00					iS	11	33.00		
IPM	30.94	288	ePc	59	12.00	-0.5				S	07	22.00					ScS	12	53.00		
	0.8s		78.10nm			5.5mb				ScS	10	49.00		KSH	66.96	317	iPc	03	49.00	1.7	
			i	00	13.60	321kmX	CD2	44.03	326	P	01	02.20	-0.1				sP	04	19.00		
TATO	31.21	344	iP	59	13.00	-1.7				sP	01	27.00					PP	06	14.00		
	0.8s		76.13nm			5.5mb				PPP	03	16.00					iS	12	34.00		
RKG	31.33	202	iPc	59	20.30	4.6X				iS	07	22.00					sS	13	10.00		
QIZ	31.47	320	iPc	59	17.50	0.4	DL2	44.62	350	iPc	01	07.00	0.1				ScS	13	36.00		
			pP	59	36.00	79km				PP	02	55.00		SMY	68.47	27	P	03	55.90	-0.3	
			sP	59	45.00					iS	07	34.00			1.0s		640.00nm			6.5mb	
			PP	00	22.50		TIY	45.85	340	iPc	01	16.60	-0.2	QUE	70.12	305	eP	04	07.40	0.3	
			iS	04	17.50					pP	01	44.80	123kmX		0.9s		378.15nm			6.3mb	
			ScP	05	42.00					S	07	50.50					eS	13	08.00		
HKC	31.62	330	eP	59	18.50	0.2				ScS	11	02.50		ADK	72.41	31	P	04	20.20	0.1	
			esP	59	47.00		BJI	46.88	345	iPc+	01	24.50	-0.2		0.9s		166.67nm			5.9mb	
			eS	04	19.00					epP	01	44.50	82km	HON	74.84	66	P	04	36.20	1.4	
MCO	31.77	329	iP	59	19.80	0.1				sP	01	51.00		OPA	74.91	66	P	04	36.70	1.5	
QZH	32.09	339	iPc	59	21.50	-0.8				ePP	03	14.00		SBA	75.07	173	iPd	04	35.80	0.7	
SNG	32.20	292	eP	59	24.00	0.5				eScP	06	41.00		MAW	76.79	201	eP	04	45.00	0.0	
COO	32.34	144	eP	59	25.00	0.4				S	08	06.00		MHI	77.89	309	iPc	04	52.50	0.7	
	0.9s		393.00nm			6.2mb				ScS	11	09.00			0.7s		95.89nm			5.8mb	
			e	59	31.00	21kmX	LZH	48.03	331	iPc	01	34.50	0.5				eS	14	37.00		
			e	59	37.00			3.0s		2674.00nm			6.6mb	KHI	78.00	306	ePc	04	53.00	0.5	
			eS	05	45.00			E 14s		1.70um				AFR	78.73	107	iP	04	59.20	2.7X	
GZH	32.69	330	iPd	59	27.90	0.3				sP	02	02.00			0.7s		45.00nm			5.5mb	
			S	04	30.00					eS	08	22.00		PPN	79.06	107	iP	05	01.20	2.9X	
YOU	33.39	152	iPd	59	33.90	0.2				ScS	11	16.00			0.7s		35.00nm			5.4mb	
BFD	33.71	162	iPd	59	36.90	0.5	SHL	48.32	311	iP	01	35.60	-0.9	PMO	80.64	104	iP	05	09.80	3.0X	
			e	00	31.00	270kmX				iS	08	24.00			0.7s		35.00nm			5.4mb	
			e	00	45.00		CRZ	48.70	132	P	01	41.00	1.9	VAH	80.88	105	iP	05	11.00	2.9X	
RIV	34.39	149	iPc	59	44.10	1.8		1.0s		461.00nm			6.4mb		0.7s		20.00nm			5.1mb	
			eS	05	06.00		CN2	48.96	355	iPc	01	39.70	-1.2	TPT	80.91	104	iP	05	11.30	3.1X	
CAN	34.54	153	iPd	59	45.50	1.9				PcP	03	04.00			0.7s		20.00nm			5.1mb	
TOO	35.05	159	iPd	59	48.80	0.9				PP	03	34.00		RUV	81.12	105	iP	05	12.20	2.9X	
	0.8s		103.00nm			5.8mb				PPP	04	26.00			0.7s		15.00nm			5.0mb	
			e	01	07.00	405kmX				ScP	06	48.30		AVY	81.46	252	ePd	05	11.40	0.1	
			eS	05	14.00					S	08	30.00		SHI	82.11	301	iP	05	14.00	-0.5	
WAM	35.21	154	iPd	59	51.00	1.8				ScS	11	22.00		IR2	84.54	306	iPc	05	27.80	1.1	
LOE	36.16	309	eP	59	56.50	-1.0	BTO	49.27	339	P	01	42.50	-0.9	SPA	84.85	180	iPd	05	27.40	-0.3	
NST	36.47	305	eP	00	01.20	1.2				sP	02	11.50			0.9s		120.45nm			5.9mb	
BSI	36.64	286	eP	00	01.00	-0.6				S	08	35.50					e	15	35.50		
SSE	37.14	347	iP+	00	05.50	0.0				sS	09	09.00		TTA	87.17	26	P	05	39.40	0.4	
	1.2s		588.00nm			6.4mb	TURI	49.49	310	iP	01	44.00	-1.2				pP	06	08.00	109kmX	
			pP	00	24.00	75km	MDJ	49.58	359	iPc	01	45.00	-0.6	KER	87.41	305	eP	05	41.00	0.1	
			sP	00	35.00					pP	02	05.00	81km	KDC	87.49	32	P	05	41.20	0.7	
			PP	01	32.00					sP	02	14.00		TAB	88.54	308	eP	05	48.00	1.8	
			PcP	02	25.00					ScP	06	51.50		IMA	89.01	23	P	05	47.40	-0.5	
			S	05	42.00					iS	08	46.00		BHD	89.52	303	eP	05	52.50	1.8	
			SS	08	14.00					ScS	11	26.00					eS	16	12.00		
			ScS	10	08.00		LSA	51.21	315	P	01	59.40	0.5				i	16	31.50		
SAG	38.21	360	eP	00	15.00	0.5				iS	09	07.00					e	17	05.00		
NOU	38.74	120	iPd	00	19.50	0.4				sS	09	42.00		MSL	90.86	306	iPd	05	57.00	0.1	
			ScP	06	10.00					ScS	11	37.00					eSKS	16	17.50		
GYA	38 99	325	Pc	00	22.00	0.8	KRP	52.34	135	Pc	02	08 80	2.1				eS	16	43.30		
			PcP	02	31.40			1.0s		332.00nm			6.3mb	COL	91.16	25	eP	05	56.00	-1.7	
			S	06	11.00		GTA	52.61	330	P	02	09.20	0.4		0.7s		46.58nm			5.9mb	
PVC	39.06	112	iPc	00	22.50	0.7				PcP	03	18.80		FBA	91.16	25	P	05	56.50	-1.2	
			ScP	06	11.40					PP	04	10.00		RTB	92.91	303	ePc	06	08.00	1.6	
CHTO	39.14	308	iPc	00	23.20	0.8				ScP	07	05.40					eSKS	16	33.00		
	1.0s		147.00nm			5.8mb				S	09	26.00					eS	17	03.00		
			eS	06	32.00					ScS	11	47.00					e	17	48.00		
SHK	39.55	3	iPc	00	25.90	0.3	TCW	53.06	139	P	02	11.00	-1.0				ePPS	19	04.00		
KMI	40.41	319	Pc	00	34.00	0.9	MNG	53.57	138	P	02	14.50	-1.2	NAI	93.51	268	iPc	06	12.00	2.2	
	2.0s		1.10nm			3.4mb X	PKI	54.30	309	eP	02	20.60	-1.1		1.0s		70.00nm			6.0mb	
			sP	01	03.50		MCQ	54.31	160	eP	02	22.00	1.1	MTD	96.96	252	eP	06	25.00	-0.3	
			pP	05	50.00		GNZ	54.42	135	P	02	22.00	0.0				iPP	09	25.00		
			S	06	35.00		KKN	54.51	310	eP	02	22.30	-0.8	INK	97.03	22	eP	06	23.00	-1.5	
			sS	07	07.00		DMN	54.55	309	eP	02	22.90	-0.6		1.0s		105.00nm			6.3mb	
TAU	40 44	161	iPd	00	34.10	1.3	KOD	54.94	286	eP	02	24.50	-2.0	EVA	97.82	242	iPc	06	30.20	1.0	
			i	00	35.00	3kmX				eS	09	57.50			1.0s		28.00nm			5.7mb	
KYS	41.19	12	eP	00	36.80	-2.2	VAR	55.12	306	eP	02	27.00	-0.3	SLR	98.66	243	iPc	06	49.00	16.1X	
OYM	41.22	11	eP	00	38.10	-1.3	GBA	55.82	290	P	02	30.90	-1.6		0.9s		10.08nm				
SRY	41.41	11	eP	00	38.90	-2.0	HYB	55.93	295	eP	02	32.00	-1.3	SEK	98.77	240	eP	06	33.50	0.1	
DDR	41.78	11	eP	00	42.40	-1.6				eS	10	48.00			1.0s		15.00nm			5.5mb	
MAT	42 14	9	iPc	00	45.70	-1.1	GOA	59.70	291	iP	02	47.20	-12.5X	KRI	98.82	252	eP	06	32.00	-1.8	
Z	20s		1.95um			5.0Msz	POO	60.53	295	iPc	03	04.50	-0.9	BUL	99.27	249	P	06	36.30	0.5	
			eS	06	55.00			1.0s		254.00nm			6.3mb		1.2s		28.13nm			5.7mb	
TSK	42 16	12	eP	00	44.90	-2.1				iS	11	10.00					i	07	57.80	345kmX	
TIA	43 03	344	Pc	00	54.00	-0 1	NDI	61.25	307	iP	03	08.00	-2.0				iPP	09	33.00		
			pP	01	13.50	80km				iS	11	14 00					eS	17	05.00		
			PcP	02	40.80		BOM	61 57	295	eP	03	04.00	-8.4X	MBC	99.75	13	eP	06	36.00	-0.7	

0.6s 24.00nm 6.0mb
BFS 99.77 242 eP 06 38.50 0.5
BLF 99.86 239 eP 06 35.20 -3.2X
KSR 99.86 243 iPc 06 39.00 0.5
1.0s 20.00nm 5.7mb
SOD 100.06 338 iPdiff06 37.40 -0.8
e 10 25.00
KJF 100.18 334 ePdiff06 37.00 -1.8
i 09 19.80
e 10 08.00
SUF 101.12 333 iPdiff06 41.70 -1.3
0.7s 19.10nm 5.8mb
NUR 102.24 331 iPdiff06 47.00 -1.0
0.8s 26.50nm 6.0mb
Z 24s 0.70um 5.1MszX
ALE 102.52 2 ePdiff06 43.50 -5.4X
7.0s 6.00nm 4.4mb X
UPP 105.80 331 iPdiff07 02.60 -1.3
YKA 105.93 26 ePdiff07 05.00 0.6
YKC 106.00 26 ePdiff07 05.00 0.3
DAG 106.52 353 iPdiff07 06.00 -0.8
0.3s 11.69nm 6.4mb
VAY 106.81 312 e(Pdif07 08.00 -0.9
PNT 106.86 40 ePdiff07 09.00 0.0
0.8s 5.00nm 5.7mb
JOS 107.01 319 ePdiff07 10.00 0.4
1.0s 13.30nm 6.0mb
HFS 107.58 332 iPdiff07 10.20 -1.6
0.7s 5.50nm 5.8mb
Z 16s 0.46um 5.1MszX
LR 49 18.00
OHR 108.16 311 e(Pdif07 11.00 -4.0X
eS 17 43.00
JAS1 108.25 52 Pdiff 07 13.80 -1.6
NB2 108.36 333 Pdiff 07 14.70 -0.7
0.7s 10.20nm 6.1mb
ZST 109.31 319 e(PKP)11 24.00 0.6
e 12 03.00
EDM 109.64 35 iPKPd 11 24.40 0.5
ISA 110.11 54 ePKP 11 40.00 14.6X
BMN 110.30 49 Pdiff 07 26.50 1.9
0.9s 7.81nm
PRU 110.45 322 ePKP 11 26.00 0.5
BRG 110.54 323 iPdiff07 26.80 1.5
1.1s 16.00nm
BRG 110.54 323 ePKP 11 25.80 0.2
1.2s 15.00nm
i 11 26.00
MWC 110.65 55 ePKP 11 41.00 14.4X
e 12 02.00
CLL 110.97 323 ePKPd 11 26.00 -0.4
1.4s 22.00nm
EUR 111.42 50 iPdiff07 34.80 5.0X
0.2s 10.61nm
EUR 111.42 50 iPKP 11 28.50 0.5
0.2s 11.16nm
GSC 111.51 54 ePKP 11 44.00 15.9X
e 12 09.00
LJU 111.56 318 ePKP 11 28.30 0.6
epP 12 14.00
e 12 27.30
eS 17 58.40
ORI 111.62 311 ePKP 11 28.50 0.6
PLM 111.76 56 ePKP 11 47.00 18.3X
e 12 10.00
SES 111.92 37 ePKPc 11 27.60 -0.7
VOY 111.99 318 iPKP 11 28.30 -0.3
epP 12 10.80
e 18 00.20
e 18 49.20
MOX 112.02 323 e(PKP)11 27.00 -1.4
e 11 52.00
BNG 112.16 273 iPKPd 11 30.00 0.2
1.0s 23.70nm
TRI 112.17 317 iPKPd 11 28.60 -0.2
i 12 17.20
TPC 112.32 55 ePKP 11 31.00 1.4
e 12 14.00
SGO 112.36 312 ePKP 11 29.00 -0.3
LRM 112.42 42 ePKP 11 30.00 0.3
GRF 112.58 322 ePKP 11 30.00 0.5
0.8s 6.00nm
FUR 113.05 321 ePKP 11 30.60 0.1
0.8s 32.00nm
AOU 113.32 314 ePKP 11 31.00 -0.2
CTI 113.48 318 iPKPd 11 31.80 0.3
eS 18 09.50
OGA 113.63 319 iPKPd 11 32.00 0.0
0.6s 15.00nm
MNS 113.83 314 ePKP 11 32.00 -0.2
OSS 114.27 319 ePKP+ 11 33.10 -0.1
LLS 114.95 320 ePKP+ 11 34.20 -0.3
FFC 115.18 31 ePKP 11 34.00 -0.4
1.1s 21.00nm
BDW 115.29 45 iPKP 11 35.50 0.2
0.9s 7.69nm
e 12 17.00
MEM 115.34 324 PKP 11 36.50 1.7
e 12 40.40
CDF 115.46 322 ePKP 11 34.70 -0.6
WLF 115.65 323 PKP 11 36.50 1.1
e 12 35.60
RMU 115.79 51 iPKP 11 37.00 0.7
MMK 115.90 319 ePKP+ 11 36.50 0.1
BSF 115.99 321 ePKP 11 36.00 -0.3
0.9s 36.30nm
ORO 116.04 319 ePKP 11 36.00 -0.5
HAU 116.19 322 ePKP 11 36.30 -0.3
0.9s 16.30nm
DIX 116.25 319 ePKP+ 11 37.30 0.2
DOU 116.38 324 PKP 11 37.00 0.2
CVF 116.47 315 ePKP 11 37.10 -0.2
0.7s 16.90nm
EMS 116.57 320 ePKP+ 11 37.50 -0.1
FRF 117.67 317 ePKP 11 39.40 -0.1
0.7s 16.70nm
EKA 117.78 332 PKPd 11 39.30 0.0
0.6s 6.00nm
LRG 117.90 317 ePKP 11 40.00 0.1
0.7s 16.00nm
LOR 118.03 322 ePKP 11 40.10 0.0
0.7s 9.90nm
LBF 118.08 321 ePKP 11 40.00 -0.2
0.7s 13.60nm
SMF 118.30 321 ePKP 11 40.40 -0.2
0.9s 13.70nm
SSF 118.34 322 ePKP 11 40.90 0.3
0.6s 20.70nm
GRC 118.50 322 iPKPd 11 41.70 0.8
i 12 53.60
AVF 118.55 321 ePKP 11 40.90 -0.1
0.7s 12.60nm
RSSD 118.62 42 iPKP 11 41.30 -0.3
1.0s 37.50nm
e 12 11.30
BGF 118.96 321 ePKP 11 42.10 0.3
GOL 119.26 47 iPKP 11 43.50 0.5
1.0s 17.50nm
e 12 14.00
MZF 119.27 321 ePKP 11 42.60 0.1
0.9s 10.60nm
GLD 119.36 47 ePKP 11 43.00 -0.1
1.0s 20.00nm
TCF 119.48 321 ePKP 11 43.10 0.2
0.6s 15.30nm
LDF 119.81 324 ePKP 11 43.40 0.0
ALQ 119.87 53 ePdiff08 12.00 4.6X
ALQ 119.87 53 ePKP 11 44.30 0.1
LSF 119.92 321 ePKP 11 43.40 -0.3
0.7s 15.30nm
FLN 119.93 325 ePKP 11 43.80 0.2
FRB 119.95 10 ePKPd 11 42.80 -0.3
0.8s 53.00nm
CAF 120.16 320 ePKP 11 44.80 0.6
0.9s 18.00nm
GRR 120.33 325 ePKP 11 44.70 0.3
1.0s 26.90nm
RJF 120.34 320 ePKP 11 45.00 0.5
LPF 120.62 324 ePKP 11 45.30 0.4
0.8s 28.30nm
MFF 120.78 322 ePKP 11 45.50 0.2
0.6s 45.00nm
LPO 120.83 320 ePKP 11 46.20 0.8
0.8s 21.40nm
LFF 121.00 320 ePKP 11 46.40 0.7
0.7s 14.20nm
RSON 121.49 31 ePKP 11 45.80 -0.7
0.8s 56.34nm
e 12 17.30
EPF 122.10 319 ePKP 11 48.10 0.1
0.7s 14.70nm
LTX 123.61 58 iPKP 11 52.00 0.6
0.8s 9.49nm
LGR 124.23 319 iPKPd 11 53.60 1.5
ePP 13 42.00
LHC 125.26 31 ePKP 11 53.90 0.1
0.7s 68.00nm
TOL 126.47 317 ePKP 11 54.00 -2.6
ePP 13 46.00
SIO 127.40 48 ePKPd 11 58.80 0.4
TUL 127.71 48 ePKPd 11 58.90 -0.1
1.0s 9.40nm
Z 18s 1.32um 5.7Msz
e 14 01.40
RLO 128.16 47 ePKPd 11 59.70 -0.2
SCH 128.59 13 ePKP 12 00.00 -0.1
BHO 129.03 49 ePKPd 12 01.90 0.4
HKT 129.94 55 PKP 12 04.80 1.4
PKS 15 19.00
FVM 130.55 43 iPKP 12 03.10 -1.2
0.9s 33.90nm
e 14 16.00
i 15 18.00
OTT 133.91 26 ePKP 12 11.00 0.6
0.6s 26.00nm
MNT 134.70 24 iPKPd 12 11.40 -0.5
pP 12 43.00
RSNY 135.09 25 ePKP 12 12.80 0.0
i 15 32.80
RSCP 135.11 43 ePKP 12 02.80 -10.3X
i 16 33.10
KIC 135.41 274 ePKP 12 00.60 -13.6X
e 12 14.00
e 15 34.90
PEL 136.94 154 ePKP 12 08.90 -7.8X
PRM 138.14 42 ePKP 12 09.50 -9.4X
i 15 43.00
TCA 140.95 159 ePKPd 12 17.20 -6.9X
ANT 144.81 146 iPKP 12 32.00 1.2
GCM 145.97 63 PKP 12 34.45 1.6
NNA 147.95 122 ePKP 12 37.50 1.2
1.1s 63.29nm
YJA 148.65 151 ePKPd 12 40.00 2.2
ARE 149.45 135 iPKPd 12 45.00 6.1X
ITB7 149.55 172 PKP 12 43.70 5.2X
ITB 149.86 172 ePKP 12 44.50 5.6X
ITB1 149.98 171 ePKP 12 44.70 5.6X
LPB 151.69 140 ePKP 12 46.00 3.6X
0.9s 151.26nm
i 12 49.80
PSO 152.00 97 ePKP 12 44.40 1.4
CCH 152.23 144 ePKP 12 45.90 2.9X
i 12 51.00
BOG 155.58 90 ePKP 12 54.00 6.2X
BMG 156.54 84 ePKP 12 50.00 1.2
SDV 158.76 79 ePKP 12 52.30 0.8
SJG 159.31 50 iPKPd 12 51.70 0.0
i 13 29.80
TOV 159.43 76 ePKP 12 53.30 1.3
ITR 162.25 219 ePKP 12 56.10 1.2
1.0s 8.90nm
e 13 36.90
e 13 42.50
S.D. = 1.0 on 240 of 275 obs.

• APR 21, 1985 13h 56m 46.20± 1.24s
33.282 S ± 8.2km 72.111 W ±12.6km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV 0.89 139 iPc 57 04.20 1.9
TACH 1.05 111 iPc 57 05.30 0.7
PEL 1.20 84 iPd 57 06.30 -0.5
FCH 1.53 92 iPd 57 11.90 0.1
MDZ 2.77 83 eP 57 30.30 1.1
RTCV 3.33 66 ePc 57 37.00 -0.3
S 58 21.00
ZON 3.38 60 eP 57 39.00 1.0
RTLL 3.65 59 iPc 57 42.00 0.3
S 58 30.00
CFA 3.67 64 ePc 57 40.60 -1.5
S 58 32.00
TCA 6.65 75 ePd 58 20.00 -4.3X
S 59 38.80
CYA 7.26 50 e(P) 58 27.00 -5.7X
S 58 55.00
VBA 9.52 123 ePc 59 02.50 -1.6
ANT 9.66 9 e(P) 59 17.00 11.1X
YJA 12.52 29 e(P) 59 45.40 0.2
CCH 16.72 20 P 00 40.50 0.6
ARE 16.76 2 eP 00 42.00 1.7

21d 14h

LPB 17.07 13 eP 00 43.00 -1.3
ITR 39.50 60 eP 04 07.30 -8.3X
e 04 12.00
KIC 74.91 72 eP 08 24.40 -1.5
SEK 82.36 119 eP 09 27.50 20.9X
0.9s 15.97nm
SLR 84.29 117 eP 09 15.00 -1.4
E.A 84.45 118 eP 09 17.90 0.6
S.D = 1.2 on 17 of 22 obs.

% APR 21, 1985 14h 06m 13.21± 0.76s
39.103 N ± 6.2km 27.621 E ± 7.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.76 202 iPg 06 28.10 0.0
iSg 06 41.10
DST 0.93 57 iPn 06 30.90 -0.1
EZN 1.24 306 ePn 06 36.20 0.0
EDC 1.26 8 iPn 06 36.80 0.2
BNT 1.27 10 iPn 06 37.00 0.2
KCT 1.28 26 iPn 06 36.90 0.0
KGT 1.37 350 iPn 06 37.90 -0.4
S.D. = 0.3 on 7 of 7 obs.

APR 21, 1985 14h 29m 08.29± 0.31s
35.767 N ± 4.9km 140.149 E ± 5.2km
DEPTH = 87.1 ± 2.8 km
4.4mb (10 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Ajiro and Utsunomiyo and (I JMA) at Kofu, Tateyama, Tokyo, Yokohama and on Oshima.

TOK 0.33 256 iPd 29 21.90 0.2
S 29 31.50
TSK 0.44 356 iPc 29 21.20 -1.3
YOK 0.52 231 iPd 29 23.70 0.7
iS 29 33.30
CHO 0.57 94 P 29 23.80 0.4
iS 29 34.70
KYS 0.57 180 iPd 29 23.40 -0.1
MIT 0.66 23 iPc 29 23.80 -0.5
iS 29 36.10
KMG 0.73 302 iPc 29 25.30 0.3
iS 29 38.20
SRY 0.73 258 iPd 29 25.00 0.0
UTS 0.81 344 iPc 29 25.10 -0.7
iS 29 37.60
DDR 0.81 287 iPc 29 25.90 -0.1
TAT 0.81 196 Pd 29 26.10 0.2
S 29 39.00
OYM 0.82 245 iPd 29 25.90 -0.1
MAE 1.08 306 Pc 29 29.40 0.4
iS 29 45.00
AJI 1.12 230 iPd 29 29.00 -0.5
iS 29 44.00
OSH 1.18 212 Pd 29 29.50 -0.8
S 29 44.00
KOF 1.30 266 eP 29 32.00 0.3
S 29 49.20
ONA 1.33 27 eP 29 31.00 -1.0
S 29 48.20
SHZ 1 63 241 P 29 37.20 1.2
iS 29 58.30
MAT 1.75 297 iPc 29 38.40 0.8
iS 30 00.80
FKS 2.00 7 eP 29 42.00 1.1
iS 30 05.50
SHK 6.24 261 eP 30 40.00 0.4
COL 50.72 32 eP 38 02.00 1.4
0.8s 8.21nm 4.8mb
INK 55.99 27 eP 38 39.00 -0.4
MBC 58.03 16 eP 38 54.00 0.2
ASPA 59.40 187 eP 39 02.00 -1.9
ALE 61.45 3 eP 39 17.00 -0.2
0.8s 4.00nm 4.6mb
YKA 65.41 30 eP 39 43.60 0.3
YKC 65.47 29 eP 39 43.00 -0.7
SOD 65.73 337 eP 39 45.00 -0.3
DAG 66.95 355 iPc 39 52.50 -0.5
0.4s 11.02nm 5.1mb
KJF 67.21 334 iP 39 54.70 0.0
0 7s 18.70nm 5 1mb
SUF 68.65 333 iP 40 02 70 -1.0
0.6s 3.10nm 4 4mb

NUR 70.58 332 eP 40 14.00 -1.5
HFS 74.82 335 eP 40 39.60 -0.8
0.5s 1.90nm 4.2mb
NB2 74.96 337 P 40 41.00 -0.3
0.7s 2.90nm 4.3mb
FFC 75.32 32 eP 40 44.00 0.6
0.7s 5.00nm 4.5mb
LRM 75.77 44 eP 40 47.40 1.0
BMN 76.10 50 iP 40 50.20 1.9
0.9s 2.93nm 4.2mb
BDW 79.27 45 eP 41 07.00 1.2
0.8s 1.17nm 3.8mb
VAY 84.31 318 eP 41 32.70 1.1
OHR 85.42 319 eP 41 36.50 -0.8
S.D. = 0.9 on 41 of 41 obs.

• APR 21, 1985 14h 57m 01.24± 1.34s
19.952 S ±16.1km 121.878 E ±15.0km
DEPTH = 33.0km (normal)
5.0mb (2 obs.)
WESTERN AUSTRALIA (590)

MBL 2.26 238 eP 57 39.00 1.9
NAU 6.48 245 eP 58 36.00 -0.9
0.3s 14.00nm 5.2mb X
eS 59 42.00
MEK 7.30 204 eP 58 50.00 1.7
0.2s 35.00nm 6.0mb X
eS 00 05.00
KNA 7.78 59 eP 58 55.00 0.0
eS 00 17.00
MRWA 10.66 209 eP 59 33.00 -1.7
eS 01 22.00
KLG 10.79 182 eP 59 38.00 1.5
eS 01 29.00
KLB 12.17 197 eP 59 55.00 -0.2
0.3s 6.00nm 5.2mb
eS 01 59.60
MUN 13.01 202 eP 00 05.00 -1.4
0.3s 3.00nm 4.8mb
eS 02 18.00
NWAO 13.57 197 eP 00 13.00 -0.8
eS 02 32.00
S.D. = 1.6 on 9 of 9 obs.

APR 21, 1985 15h 04m 51.34± 0.33s
55.793 N ± 4.6km 154.441 W ± 4.9km
DEPTH = 33.0km (normal)
4.8mb (17 obs.) 4.8Msz (1 obs.)
SOUTH OF ALASKA (17)
ML 4.8 (PMR).

KDC 2.23 28 eP 05 27.00 0.3
SDN 3.47 265 eP 05 41.30 -3.0
PMR 6.44 23 P 06 26.50 0.3
PME 6.49 23 eP 06 25.40 -1.6
TTA 7.20 354 eP 06 37.40 0.3
PNL 8.93 58 eP 06 59.40 -1.6
COL 9.70 17 eP 07 10.00 -1.6
FBA 9.70 17 eP 07 10.00 -1.6
IMA 10.32 2 eP 07 19.00 -1.2
BRW 15.60 357 eP 08 28.60 -1.5
INK 15.79 29 eP 08 33.00 0.5
YKA 21.21 55 eP 09 36.20 0.2
YKC 21.27 55 eP 09 37.00 0.4
0.8s 15.00nm 4.4mb
PNT 21.97 92 iPd 09 43.00 -0.7
0.9s 54.00nm 5.0mb
NEW 23.92 93 eP 10 04.00 1.1
0.9s 20.50nm 4.7mb
MBC 24.23 20 eP 10 08.00 2.4
0.6s 11.00nm 4.6mb
WDC 25.85 113 e(P) 10 24.40 3.1X
GAS 26.44 114 P 10 27.50 0.6
MIN 26.51 112 e(P) 10 28.10 0.6
ORV 27.14 113 e(P) 10 32.50 -0.6
BMN 28.79 107 P 10 48.00 -0.2
JAS1 28.92 114 e(P) 10 49.00 -0.2
EUR 30.14 106 iP 11 00.00 -0.4
0.2s 11.72nm 5.3mb
CWC 31.26 113 eP 11 10.00 -0.2
BDW 31.45 95 eP 11 12.00 0.1
1.0s 5.60nm 4.4mb
ISA 31.66 114 eP 11 13.00 -0.5
VPEM 31.77 113 P 11 14.60 -0.1
SYP 31.78 117 eP 11 26.00 11.3X
SBB 32.75 115 eP 11 22.00 -1.0

GSC 32.80 113 eP 11 23.00 -0.5
MWC 32.99 115 eP 11 25.00 -0.3
RVR 33.52 115 eP 11 29.00 -0.7
RSSD 33.72 89 iP 11 32.10 0.5
1.0s 20.00nm 5.0mb
TPC 34.12 113 eP 11 34.00 -0.9
PLM 34.29 115 eP 11 36.00 -0.6
RMU 34.59 104 eP 11 39.00 -0.1
BAR 34.92 116 eP 11 42.00 0.2
ALE 35.37 13 eP 11 45.00 -0.1
0.8s 7.00nm 4.6mb
GLA 35.57 113 eP 11 47.00 -0.4
GOL 35.86 96 eP 11 50.50 0.5
0.9s 4.17nm 4.4mb
GLD 35.90 95 eP 11 52.00 1.7
ALO 38.64 102 eP 12 12.50 -0.8
1.3s 10.58nm 4.5mb
FRB 40.79 43 eP 12 31.00 0.6
TUL 43.91 92 eP 12 56.50 0.2
0.9s 19.60nm 4.9mb
RLO 44.16 91 eP 12 57.80 -0.6
LTX 44.43 105 iP 13 01.20 0.5
1.0s 20.00nm 4.9mb
Z 18s 1.00um 4.8Msz
DAG 44.76 13 iPd 13 02.90 0.2
0.3s 11.69nm 5.2mb
BHO 45.54 92 eP 13 09.30 -0.1
JCT 45.68 100 iP 13 10.80 0.2
0.9s 42.02nm 5.4mb
HKT 48.30 97 P 13 32.50 1.4
MAT 48.37 276 (P) 13 30.00 -1.6
RSCP 49.89 84 eP 13 39.10 -4.3X
SOD 57.15 360 iP 14 37.00 0.5
KJF 60.33 359 eP 15 06.00 7.4X
SUF 61.82 360 eP 15 09.00 0.2
NB2 62.96 8 P 15 16.40 0.0
1.2s 16.20nm 5.0mb
HFS 64.04 7 eP 15 23.30 -0.1
0.7s 2.20nm 4.4mb
NUR 64.04 0 eP 15 23.00 -0.4
0.8s 13.20nm 5.1mb
i 15 35.30
XAN 66.07 296 eP 15 36.80 -0.1
GTA 66.23 305 eP 15 37.70 -0.3
CD2 71.18 297 P 16 10.00 1.3
CLL 72.76 8 e(P) 16 21.00 3.4X
GYA 73.30 292 eP 16 27.60 6.3X
MOX 73.30 9 e(P) 16 23.00 2.2
KHC 74.97 8 P 16 33.20 2.7X
SPC 75.29 4 e(P) 16 43.10 10.5X
KKN 82.51 309 eP 17 14.00 1.9
SKO 82.54 3 e(P) 17 21.20 9.5X
PKI 82.64 309 eP 17 14.80 1.9
DMN 82.74 310 eP 17 15.50 2.2
OHR 83.38 4 e(P) 17 18.00 1.8
IR2 86.37 340 (P) 17 34.00 2.7X
SLA 109.50 105 e(Pdif19 09.00 -7.7X
VBA 121.72 112 e(Pdif19 58.30 -12.3X
BUL 144.33 355 iPKPd 24 25.20 -0.4
0.9s 6.72nm
SPA 145.61 180 iPKPc 24 25.60 -0.7
1.0s 34.50nm
e 24 31.80
SLR 149.91 355 iPKPc 24 40.00 5.6X
0.9s 15.97nm
S.D. = 1.1 on 64 of 77 obs.

% APR 21, 1985 15h 08m 38.89± 0.79s
39.093 N ± 6.5km 27.532 E ± 8.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.73 197 iPg 08 53.10 -0.1
iSg 09 05.00
DST 0.99 59 ePn 08 57.90 0.2
EZN 1.19 308 ePn 09 01.20 0.2
EDC 1.28 11 ePn 09 02.20 -0.4
KCT 1.32 29 ePn 09 03.40 0.1
KGT 1.37 353 ePn 09 03.90 -0.1
S.D. = 0.3 on 6 of 6 obs.

• APR 21, 1985 15h 17m 42.11± 1.72s
33.658 S ±13.3km 72.300 W ±15.6km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	0 80	112	iPc	17 56.80	-0.1	
TACH	1.14	90	iPc	18 01.00	-0.8	
PEL	1.44	70	iPd	18 05.50	-0.7	
FCH	1.71	79	iP	18 10.40	0.0	
MDZ	2.99	76	eP	18 31.30	2.9X	
			iS	19 12.90		
RFA	3.37	110	ePd	18 35.40	1.7	
			S	19 30.00		
RTCV	3.64	62	ePd	18 40.70	3.1X	
			i	18 47.00		
			S	19 30.00		
ZON	3.71	56	eP	18 43.00	4.4X	
RTLL	3.98	55	ePc	18 43.00	0.5	
CFA	3.99	60	ePc	18 43.50	1.0	
			S	19 41.00		
TCA	6.91	73	ePc	19 20.20	-3.6X	
			S	20 43.30		
CYA	7.62	49	e(P)	19 28.00	-5.7X	
			(S)	21 02.50		
ANT	10.05	10	eP	20 18.50	11.2X	
CCH	17.13	20	eP	21 41.00	0.1	
ARE	17.14	3	eP	21 43.00	2.0	
LPB	17.47	14	P	21 44.00	-1.3	
	1.4s	79.07nm			4.7mb	
ITR	39.83	59	eP	25 11.80	-2.4	
	1.0s	8.70nm			4.5mb	
			e	25 19.60		
GBA	146.04	119	PKPd	37 19.80	0.0	
	0.6s	2.80nm				
	S.D. = 1.4	on	12 of	18 obs.		
•	APR 21, 1985	15h 25m 04.56± 1.73s				
	55 545 N ±19.6km	154.415 W ±11.8km				
	DEPTH = 33.0km	(normal)				
	SOUTH OF ALASKA				(17)	
KDC	2.45	25	eP	25 43.10	0.0	
			e	25 50.30		
SDN	3.47	269	eP	25 57.50	0.0	
			e	26 06.10		
SVW	5.62	354	eP	26 28.10	0.2	
			e	56 56.10		
PME	6.72	23	eP	26 43.10	-0.3	
TTA	7.45	354	eP	26 56.10	2.3X	
			e	27 01.40		
PNL	9.05	57	eP	27 16.00	0.1	
			e	27 22.00		
	S.D. = 0.2	on	5 of	6 obs.		
	APR 21, 1985	15h 25m 15.13± 0.20s				
	55 618 N ± 4.5km	154.515 W ± 3.1km				
	DEPTH = 33.0km	(normal)				
	5.2mb (52 obs.)	4.8Msz (6 obs.)				
	SOUTH OF ALASKA				(17)	
	ML 5.3 (PMR).					
KDC	2.41	27	P	25 50.80	-2.2	
PMR	6.62	23	P	26 49.80	-2.7	
TTA	7.38	355	P	26 59.50	-3.7X	
COL	9.89	17	eP	27 33.00	-4.9X	
	0.8s	22.76nm			5.5mb	
FBA	9 89	17	eP	27 33.00	-4.9X	
IMA	10.50	2	eP	27 42.40	-4.0X	
INK	15.97	29	eP	28 52.00	-6.5X	
	0 8s	59.00nm			4.8mb	
PHC	16.91	96	eP	29 10.00	-0.5	
PGC	20.18	97	eP	29 49.00	-0.2	
MCW	20.51	96	P	29 53 00	0.2	
YKA	21.35	55	eP	29 54.90	-6.2X	
YKC	21 41	55	eP	30 01.00	-0.8	
	0.5s	22.00nm			4.8mb	
PNT	22.00	92	iPd	30 08.00	0.2	
	1.0s	252.00nm			5.6mb	
LON	22.15	100	P	30 09.80	0.3	
COR	22.66	106	iPc	30 15.00	0.6	
EDM	23.82	79	eP	30 26.00	0.3	
NEW	23.96	92	iPd	30 28.40	1.4	
MBC	24.41	19	eP	30 23.00	-8.1X	
YKM	24.45	90	iPc	30 33.10	1.2	
RXF	24.78	89	iPc	30 36.00	1.0	
LHD	24.85	91	iPc	30 36.60	0.9	
LDM	24.88	90	iPc	30 36.70	0.7	
FHC	24.91	114	e(P)	30 37.50	1.3	
CLX	25 12	91	iPc	30 38.40	0.0	
WDC	25.82	112	ePd	30 45.30	0.5	
			e	30 48.50		
SES	26.33	83	ePd	30 48.20	-1.3	
GAS	26.41	114	P	30 51 40	1.1	
MIN	26.48	111	eP	30 51.00	-0.1	
			e	30 54.70		
ORV	27.11	112	iPd	30 56.00	-0.7	
			e	31 00.20		
LRM	27.97	93	eP	31 04.20	-0.5	
BRK	27.98	116	e(P)	31 08.00	3.5X	
BKS	27.99	116	eP	31 09.00	4.4X	
	1.1s	87.00nm			5.4mb	
Z	20s	1.10um			4.4Msz	
N	20s	1.10um				
E	20s	1.80um				
			e	31 14.10		
			e	31 29.70		
			eLR	38 36.00		
WCN	28.21	111	P	31 07.20	0.4	
BMN	28.78	106	P	31 12.00	0.1	
	1.2s	34.27nm			4.9mb	
HPI	28.89	97	P	31 13.00	0.0	
JAS1	28.89	113	iPd	31 13.00	0.3	
FFC	29.43	70	eP	31 16.00	-1.4	
	0.9s	8.00nm			4.5mb	
MNA	29.71	110	eP	31 20.00	-0.2	
FRI	29.97	114	eP	31 22.20	-0.1	
EUR	30.13	106	iP	31 24.20	0.1	
	0.5s	23.94nm			5.2mb	
CWC	31.24	113	eP	31 33.00	-0.8	
DUG	31.37	102	P	31 35.00	0.1	
BDW	31.47	95	iP	31 36.00	0.1	
	1.0s	2.60nm			4.0mb X	
ISA	31.62	114	eP	31 37.00	0.0	
CLC	31.96	113	eP	31 39.00	-1.0	
SBB	32.71	114	eP	31 46.00	-0.5	
GSC	32.77	112	eP	31 47.00	-0.1	
MWC	32.95	115	eP	31 48.00	-0.8	
PAS	32.95	115	eP	31 49.00	0.4	
SDW	33.16	114	P	31 50.20	-0.3	
RVR	33.49	115	eP	31 53.00	-0.2	
RSSD	33.77	88	iP	31 55.80	0.0	
	1.0s	77.50nm			5.6mb	
TPC	34.09	113	eP	31 58.00	-0.5	
PLM	34.25	115	eP	32 00.00	-0.1	
RMU	34.59	104	eP	32 02.80	-0.1	
BAR	34.88	115	eP	32 05.00	-0.3	
GLA	35.54	113	eP	32 11.00	0.1	
ALE	35.55	13	ePc	32 09.60	-0.9	
	1.0s	40.00nm			5.3mb	
RSON	35.68	72	eP	32 11.30	-0.5	
	1.0s	10.00nm			4.7mb	
Z	22s	0.79um			4.4Msz	
GOL	35.88	95	iP	32 14.20	0.2	
	1.0s	21.00nm			5.0mb	
GLD	35.93	95	eP	32 15.20	0.9	
	1.1s	67.50nm			5.5mb	
ALO	38.64	102	ePd	32 37.00	-0.2	
	1.2s	31.64nm			5.0mb	
LHC	39.43	72	eP	32 43.50	0.2	
FRB	40.95	43	eP	32 55.00	-0.5	
			pP	33 10.00	58kmX	
SIO	43.77	92	eP	33 18.70	-0.3	
TUL	43.95	91	iPc	33 20.50	0.1	
	1.2s	176.30nm			5.7mb	
Z	19s	1.36um			4.9Msz	
RLO	44.20	90	ePc	33 22.30	-0.2	
LTX	44.43	105	iP	33 25.20	0.7	
	1.0s	78.00nm			5.5mb	
Z	20s	4.58um			5.4Msz	
DAG	44.95	13	iPd	33 26.80	-1.2	
	0.7s	15.07nm			5.0mb	
			i	33 38.00		
FVM	45.53	85	eP	33 32.00	-1.1	
	1.1s	51.22nm			5.4mb	
BHO	45.57	92	ePd	33 33.30	-0.1	
JCT	45.69	100	iP	33 34.00	-0.5	
	0.8s	134.33nm			5.9mb	
POW	46.39	87	P	33 37.00	-2.9X	
SCH	46.80	53	ePc	33 42 00	-0.9	
TSK	47.50	274	eP	33 52.10	3.4X	
MDJ	47.53	290	eP	33 48.00	-0.8	
DDR	48.17	275	eP	33 53.90	-0.1	
HKT	48.32	97	P	33 55.50	0.5	
MAT	48.34	276	(P)	33 54.00	-1.2	
	0.8s	7.46nm			4.8mb	
Z	21s	0.90um			4.7Msz	
			eS	41 10.00		
OTT	48.55	67	eP	33 56.00	-0.7	
MNT	49.56	66	iP	34 02.70	-1.8	
RSNY	49.74	67	eP	34 04.30	-1.6	
	1.1s	10.47nm			4.8mb	
Z	20s	1.98um			5.1Msz	
RSCP	49.95	83	iP	34 07.00	-0.6	
CN2	50.28	292	Pc	34 08.60	-1.4	
			pP	34 16.00	25kmX	
			PP	36 04.50		
			S	41 21.00		
SNY	52.64	291	eP	34 26.10	-1.7	
			pP	34 34.50	28kmX	
PRM	52.87	82	eP	34 28.10	-1.6	
OXM	54.61	109	iP	34 41.00	-2.6	
KEV	54.93	359	eP	34 48 00	3.7X	
	0.7s	25.40nm			5.4mb	
			i	34 55.20		
			eS	42 40 00		
SOD	57.33	359	iP	35 00.60	-0.9	
BJI	57.80	295	eP	35 04.50	-0.7	
			eS	43 05.00		
VHO	57.89	107	eP	35 06.00	-0.3	
HHC	59.53	299	eP	35 17.00	-0.4	
			eS	43 23.00		
TIA	60.17	291	eP	35 18.60	-3.1X	
BTO	60.48	299	eP	35 23.50	-0.4	
			S	43 35.00		
KJF	60.50	359	eP	35 21.00	-2.6	
	0.9s	28.70nm			5.4mb	
			i	35 29.50		
			eS	43 40.00		
TIY	61.47	296	eP	35 30.00	-0.6	
			eS	43 43.50		
SSE	61.86	285	e(P)	35 20.50	-12.7X	
Z	16s	1.20um			5.1MszX	
			eS	43 58.00		
			sS	44 12.00		
SUF	62.00	360	iP	35 32.90	-0.8	
	0.7s	3.20nm			4.6mb	
NJ2	62.40	287	eP	35 36.40	-0.4	
NB2	63.14	8	P	35 40.20	-1.2	
	1.2s	49.70nm			5.5mb	
HFS	64.22	7	eP	35 47.20	-1.1	
	0.7s	3.20nm			4.5mb	
Z	16s	0.58um			4.9MszX	
			LR	01 19.00		
NUR	64.22	0	eP	35 38.00	-10.3X	
	0.8s	22.00nm				
			i	35 54.40		
			i	36 04.00		
UPP	64.70	4	iP	35 50.30	-1.2	
WHN	66.00	289	eP	35 59.00	-1.2	
XAN	66.11	296	P	36 00.20	-0.8	
GTA	66.30	305	P	36 01.60	-0.6	
			eS	44 52.00		
LZH	67.03	300	eP	36 06.50	-0.5	
	2.0s	90.00nm			5.5mb	
			eS	44 56.00		
WMO	67.87	316	P	36 12.00	0.0	
WIT	70.82	12	e(P)	36 38.00	8.2X	
CD2	71.23	297	eP	36 33.10	0.4	
WTS	71.64	12	eP	36 35.50	0.7	
			e	36 42.50		
			e	36 47.00		
UCC	72.51	14	P	36 41.60	1.7	
ENN	72.74	13	eP	36 41.50	0.2	
	1.5s	57.00nm			5.3mb	
MEM	72.91	13	P	36 42.00	-0.2	
CLL	72.94	8	eP	36 42.00	-0.4	
	1.6s	21.00nm			4.9mb	
			e	36 48.00		
			e	37 00.00		
DOU	73.22	14	P	36 45.10	1.0	
GYA	73.32	292	P	36 46.40	1.1	
BRG	73.44	8	iP	36 45.60	0.2	
	1.6s	31.00nm			5.1mb	
MOX	73.48	9	eP	36 45.00	-0.6	
	1.6s	31.00nm			5.1mb	
			e	36 53.00		
WLF	73.85	13	P	36 48.60	0.9	
PRU	74.37	7	P	36 40.60	-10.2X	
			e	37 10.00		
GRF	74.39	10	eP	36 53.00	2.1	
	1.0s	14.00nm			4.9mb	
GWF	74.71	12	eP	36 53.40	0.6	
BUH	75.08	12	eP	36 55.20	0.2	
KHC	75.15	8	iPc	36 56.00	0.6	
	1.1s	33.50nm			5.3mb	
			e	37 47.50		

21d 15h

		e	38 15.00		
CDF	75.22	12 eP	36 56.70	0.8	
	1.1s	16.60nm		4.9mb	
SPC	75.47	4 eP	36 58.30	0.9	
HAU	75.51	13 eP	36 58.10	0.7	
	1.1s	19.50nm		5.0mb	
BSF	75.73	13 eP	36 59.40	0.6	
	1.2s	40.70nm		5.3mb	
GRC	75.74	16 iPd	37 00.10	1.4	
		i	37 04.70		
LOR	75.89	15 eP	37 00.50	0.9	
	1.2s	35.70nm		5.2mb	
MFF	75.89	18 eP	37 00.60	1.1	
	1.2s	41.60nm		5.3mb	
SSF	76.04	15 eP	37 01.30	0.9	
JOS	76.18	3 eP	37 01.20	0.1	
LBF	76.18	15 eP	37 01.90	0.6	
	1.1s	21.20nm		5.1mb	
AVF	76.28	15 iPd	37 02.60	0.9	
	1.3s	46.60nm		5.3mb	
ZST	76.32	6 eP	37 03.00	1.1	
BGF	76.43	16 eP	37 03.30	0.7	
	1.2s	42.90nm		5.3mb	
KMI	76.45	295 Pd	37 03.00	-0.3	
		pP	37 10.00	22kmX	
SMF	76.49	15 iPd	37 03.70	0.7	
	1.2s	42.80nm		5.3mb	
LSF	76.52	17 eP	37 03.80	0.7	
	1.2s	30.30nm		5.2mb	
TCF	76.59	16 eP	37 04.20	0.7	
	1.3s	30.00nm		5.2mb	
MZF	76.72	16 eP	37 05.30	1.1	
	1.0s	18.50nm		5.1mb	
SOP	76.80	6 ePd	37 05.20	0.6	
KBA	77.17	8 ePc	37 07.00	0.1	
	1.2s	43.80nm		5.4mb	
		i	37 14.30		
		i	37 16 20		
		i	37 26.40		
RJF	77.43	17 eP	37 08.90	0.7	
	1.1s	19.50nm		5.0mb	
LFF	77.66	18 eP	37 10.70	1.3	
	1.0s	25.90nm		5.2mb	
CAF	77.89	17 eP	37 11.80	1.1	
	1.2s	27.90nm		5.2mb	
LPO	77.98	17 eP	37 12.30	1.1	
	1.2s	47.60nm		5.4mb	
CTI	78.04	10 eP	37 17.00	5.4X	
ORO	78.05	12 eP	37 20.00	8.3X	
VOY	78.25	8 eP	37 12.00	-0.8	
LJU	78.29	8 e(P)	37 12.00	-0.9	
LSA	78.31	306 eP	37 14.20	0.4	
SAL	78.36	11 eP	37 23.00	9.8X	
MLR	79.26	360 eP	37 20.00	1.7	
CMP	79.49	0 ePd	37 13.00	-6.4X	
CLD	79.66	2 eP	37 20.00	-0.3	
EBR	81.60	19 eP	37 45.00	14.4X	
MNS	81.76	10 eP	37 32.50	1.1	
AQU	81.86	9 eP	37 39.00	6.9X	
KKN	82.58	309 eP	37 37.10	0.8	
	1.4s	48.00nm		5 4mb	
DUI	82.64	8 e(P)	37 44.00	8.0X	
PKI	82.72	309 eP	37 37.80	0.7	
	1.3s	47.00nm		5.4mb	
SKO	82.72	3 eP	37 37.00	0.5	
DMN	82.82	310 eP	37 38.40	0.9	
LOE	83 34	291 eP	37 39.00	-1.0	
VAY	83 40	2 eP	37 42.00	2.1	
[illegible]	83 56	4 eP	37 41.00	0.1	
[illegible]	83 63	294 eP	37 42.00	0 5	
SGO	83 80	8 eP	37 49 00	7.0X	
MHI	83.94	333 eP	37 47.00	4.1X	
		eS	48 12.00		
ORI	84 39	7 eP	37 47.00	2.1	
TAB	85.00	344 eP	37 51.00	2.7X	
NDI	85.15	316 eP	37 48 00	-1.0	
		eS	48 11.00		
IR2	86.52	340 eP	37 57.00	1.2	
QUE	87.48	325 eP	38 02.00	1.3	
HYB	94.61	310 eP	38 40.50	6.7X	
MTD	140.96	331 ePKP	44 44.00	0.5	
BUL	144.50	355 iPKPd	44 48.00	-1.6	
	0.9s	21.43nm			
		ipP	44 55.00		
		eS	55 42.00		
SPA	145.44	180 iPKPd	44 49.10	-0.7	
	1.0s	138.50nm			

WIN	146.41	14 ePKP	44 38.00	-14.9X	
	0.8s	15.67nm			
SLR	150.08	355 iPKPc	45 04.50	6.0X	
	0.9s	35.29nm			
KSR	150.26	357 ePKP	45 04.00	5.2X	
	1.0s	35.00nm			
EVA	150.80	353 ePKP	45 06.20	6.6X	
	0.8s	20.90nm			
BFS	151.29	358 ePKP	45 06.50	6.2X	
	1.2s	62.50nm			
SEK	152.68	356 e(PKP)	45 09.00	6.7X	
	0.9s	25.21nm			
	S.D. = 0.9	on 153 of 187 obs.			
	APR 21, 1985	15h 47m 00.22± 0.27s			
	55.729 N ± 4.5km	154.428 W ± 4.0km			
	DEPTH = 33.0km	(normol)			
	4.8mb (20 obs.)	4.7Msz (1 obs.)			
	SOUTH OF ALASKA			(17)	
	ML 4.6 (PMR).				
KDC	2.29	27 eP	47 36.10	-0.3	
SDN	3.47	266 eP	47 51.40	-1.8	
SVW	5.43	354 eP	48 20.00	-1.0	
PMR	6.50	23 P	48 34.80	-1.1	
PME	6.55	23 eP	48 36.00	-0.7	
TTA	7.27	354 P	48 45.80	-1.0	
PNL	8.96	58 eP	49 08.00	-2.3	
COL	9.76	17 eP	49 18.00	-3.3X	
	0.7s	8.56nm		5.1mb	
FBA	9.76	17 eP	49 18.00	-3.3X	
INK	15.85	29 eP	50 41.00	-1.1	
	0.8s	24.00nm		4.4mb	
YKA	21.24	55 eP	51 45.10	-0.1	
YKC	21.30	55 eP	51 45.00	-0.8	
	0.4s	6.00nm		4.4mb	
LON	22.13	100 P	51 54.70	0.4	
NEW	23.91	92 eP	52 13.50	1.8	
MBC	24.29	20 eP	52 17.00	2.0	
GAS	26.41	114 P	52 36.50	1.1	
BMN	28.76	106 P	52 56.50	-0.3	
HPI	28.85	97 P	52 58.00	0.2	
EUR	30.11	106 iP	53 09.20	0.2	
	0.2s	13.40nm		5.4mb	
BDW	31.44	95 eP	53 20.50	-0.1	
	1.0s	5.00nm		4.3mb	
WKTM	31.54	114 P	53 20.00	-1.4	
ISA	31.62	114 eP	53 22.00	-0.1	
VPEM	31.74	113 P	53 24.30	1.0	
CLC	31.96	113 eP	53 24.00	-1.1	
SBB	32.71	115 eP	53 31.00	-0.6	
GSC	32.77	113 eP	53 32.00	-0.1	
MSU	32.88	104 P	53 33.50	0.3	
MWC	32.96	115 eP	53 34.00	0.1	
SDW	33.16	114 P	53 34.00	-1.6	
RVR	33.49	115 eP	53 37.00	-1.3	
RSSD	33.71	89 iP	53 41.10	0.6	
	1.0s	17.50nm		4.9mb	
TPC	34.09	113 eP	53 43.00	-0.5	
PLM	34.25	115 eP	53 45.00	-0.2	
RMU	34.57	104 eP	53 48.00	0.2	
BAR	34.88	115 eP	53 50.00	-0.4	
ALE	35.43	13 eP	53 54.50	0.0	
	1.0s	23.00nm		5.1mb	
GLA	35.54	113 eP	53 56.00	0.0	
GDL	35.84	96 eP	53 59.50	0.8	
	0.9s	3.03nm		4.2mb	
GLD	35.89	95 eP	54 00.50	1.4	
ALO	38.62	102 eP	54 21 70	-0.3	
	1.2s	8.98nm		4.4mb	
FRB	40.83	43 eP	54 40.00	0.3	
SIO	43.73	92 e(P)	55 03.90	0.2	
TUL	43.90	91 eP	55 04.80	-0.3	
	0.8s	28.30nm		5.1mb	
RLO	44.15	91 eP	55 07.20	0.0	
LTX	44.41	105 iP	55 10.80	1.4	
	1.0s	21.60nm		4.9mb	
DAG	44.83	13 iPd	55 12.00	-0.1	
	0.5s	9.15nm		4.9mb	
		i	55 24.00		
FVM	45.47	85 eP	55 17.00	-0.7	
	1.0s	7.00nm		4.5mb	
BHO	45.53	92 eP	55 18.60	0.4	
JCT	45.66	100 iP	55 19.30	0.0	
	0.9s	42.86nm		5.4mb	
SCH	46.69	53 eP	55 27 00	-0.2	
MAT	48.38	276 eP	55 40.00	-0.6	

RSCP	49.89	84 iP	55 51.30	-0.9	
CN2	50.28	292 P	55 54.00	-1.1	
KEV	54.82	359 eP	56 39.00	10.4X	
SOD	57.21	360 iP	56 45.40	-0.4	
BJI	57.79	295 P	56 46.50	-3.7X	
HHC	59.52	299 Pd	57 02.80	0.4	
KJF	60.39	359 eP	57 08.00	0.1	
SUF	61.89	360 iP	57 17.40	-0.7	
	0.6s	2.50nm		4.5mb	
NB2	63.02	8 P	57 15.60	-10.1X	
	0.8s	7.20nm			
HFS	64.10	7 eP	57 32.10	-0.6	
	0.8s	5.00nm		4.7mb	
NUR	64.11	1 iP	57 32.60	-0.1	
	0.7s	12.00nm		5.1mb	
	Z 18s	0.50um		4.7Msz	
		LR	11 00.00		
XAN	66.11	296 P	57 45.20	-0.8	
GTA	66.27	305 P	57 47.00	-0.1	
EKA	66.84	17 Pd	57 51.10	0.8	
	1.2s	13.90nm		4.9mb	
LZH	67.02	301 eP	57 52.00	0.0	
WMO	67.82	316 eP	57 57.30	0.5	
CD2	71.22	297 iPd	58 18.50	0.7	
BRG	73.33	8 eP	58 30.80	1.0	
	1.2s	11.00nm		4.7mb	
		e	59 04.20		
GYA	73.33	292 P	58 31.00	0.6	
MOX	73.36	9 eP	58 31.50	1.5	
PRU	74.25	7 eP	58 36.50	1.3	
KHC	75.03	8 iPd	58 41.90	2.1	
GRC	75.62	16 iPc	58 43.90	0.8	
KBA	77.05	9 iP	58 52.80	1.4	
	1.2s	15.60nm		4.9mb	
		i	59 13.20		
SKO	82.61	3 eP	59 22.50	1.5	
OHR	83.45	4 eP	59 23.00	-2.4X	
MHI	83.87	333 eP	59 29.00	1.4	
IR2	86.43	340 eP	59 42.00	1.5	
MTD	140.85	351 ePKP	06 43.00	14.6X	
BUL	144.40	355 iPKPc	06 33.50	-1.0	
	0.8s	10.07nm			
SPA	145.55	180 iPKPd	06 34.40	-0.7	
	1.0s	39.00nm			
SLR	149.97	355 iPKPc	06 48.20	4.8X	
	0.9s	19.33nm			
KSR	150.15	358 e(PKP)	06 49.00	5.3X	
EVA	150.69	354 ePKP	06 51.70	7.2X	
BFS	151.18	358 ePKP	06 51.20	6.0X	
SEK	152.57	356 ePKP	06 45.50	-1.7	
	S.D. = 1.0	on 76 of 87 obs.			
•	APR 21, 1985	15h 53m 39.59± 0.58s			
	7.510 S ±10.2km	154.914 E ± 9.0km			
	DEPTH = 33.0km	(normol)			
	5.1mb (8 obs.)				
	SOLOMON ISLANDS			(193)	
PAA	1.33	26 iPc	54 02.00	-0.1	
		eS	54 18.00		
BGA	1.38	11 iPd	54 02.90	0.1	
		eS	54 20.00		
RAB	4.28	320 eP	54 44.50	0.4	
SVO	5.12	109 e(P)	55 14.00	18.0X	
PKI	75.62	301 eP	05 23.60	-0.3	
	0.7s	7.00nm		4.8mb	
KKN	75.79	301 eP	05 24.60	-0.2	
	0.6s	10.00nm		5.0mb	
DMN	75.89	301 eP	05 25.50	0.1	
	0.7s	20.00nm		5.2mb	
SVW	78.49	22 eP	05 44.50	5.6X	
TTA	79.53	21 eP	05 44.50	0.0	
PMR	81.29	24 P	05 53.00	-0.7	
	0.9s	20.83nm		5.1mb	
PME	81.35	24 eP	05 53.40	-0.6	
	0.9s	17.10nm		5.1mb	
IMA	82.31	19 eP	05 59.60	0.4	
COL	83.62	21 eP	06 05.00	-0.7	
	1.0s	27.50nm		5.3mb	
FBA	83.62	21 eP	06 04.50	-1.2	
	0.9s	23.90nm		5.3mb	
BRW	84.86	14 eP	06 12.00	0.2	
BMN	93.19	50 P	06 52.40	0.2	
	0.9s	6.84nm		5.1mb	
EUR	94.04	51 iP	06 57.20	0.9	
	0.2s	24.56nm		6.3mb X	
YKA	96.83	28 eP	07 08.70	0.6	

YKC 96.89 28 eP 07 09.00 0.6
BDW 99 09 48 eP 07 19.50 0.4
S.D. = 0.6 on 18 of 20 obs.

• APR 21, 1985 16h 29m 39.72± 1.79s
33.803 S ±12.4km 71.997 W ±16.6km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.51 107 iPc 29 51.10 0.6
TACH 0.90 81 iP 29 55.00 -1.0
FEL 1.28 59 iPd 30 01.20 -0.2
FCH 1.50 72 iP 30 04.50 -0.4
MDZ 2.79 72 eP 30 25.00 1.9
eS 30 37.10
RFA 3.08 109 ePc 30 28.90 1.7
S 31 11.50
RTCV 3.50 57 ePc 30 34.00 0.8
S 31 20.00
ZON 3.59 52 eP 30 38.00 3.5X
CFA 3.85 56 ePc 30 38.60 0.5
S 31 39.00
RTLL 3.87 51 ePc 30 39.30 0.9
S 31 28.80
TCA 6 72 71 ePd 31 16.00 -2.7
S 32 28.30
CYA 7.54 47 e(P) 31 25.20 -4.9X
VBA 9.17 120 ePc 31 52.00 -0.7
ANT 10.16 8 eP 32 22.00 15.7X
CCH 17.18 19 eP 33 40.00 0.9
LPB 17.55 12 eP 33 53.00 9.1X
ITR 39.68 59 eP 37 08.10 -2.5
1.2s 6.70nm 4.3mb
KIC 74.99 72 eP 41 19.20 -0.7
GBA 145.74 119 PKPd 49 17.90 0.9
0.9s 4.50nm
S D = 1.5 on 15 of 19 obs.

APR 21, 1985 16h 43m 50.48± 0.51s
55 793 N ± 7.8km 154.511 W ± 7.0km
DEPTH = 33.0km (normal)
4.5mb (6 obs.)
SOUTH OF ALASKA (17)

KDC 2.25 29 eP 44 25.90 -0.2
TTA 7 20 354 e(P) 45 35.70 -0.4
COL 9.72 17 eP 46 10.00 -0.9
INK 15.81 29 eP 47 32.00 0.1
YKA 21.24 55 eP 48 35.50 0.0
YKC 21.30 55 eP 48 35.00 -1.1
PNT 22.01 92 iPc 48 43.80 0.6
1.0s 22.00nm 4.5mb
MBC 24.25 20 eP 49 07.00 2.2
BDW 31.49 95 eP 50 11.00 -0.4
1.0s 1.60nm 3.8mb
RSSD 33.76 89 eP 50 30.50 -0.6
ALE 35.38 13 eP 50 43.50 -0.8
0.8s 3.00nm 4.3mb
FRB 40.82 43 eP 51 30.00 0.2
LTX 44.47 105 eP 52 01.00 0.8
JCT 45.72 100 iP 52 10.00 0.0
1 0s 14.00nm 4.8mb
SNY 52 58 291 eP 53 02.80 0.1
SUF 61.82 360 iP 54 08.00 0.1
NB2 62.97 8 P 54 15.80 0.2
0.8s 3.60nm 4.6mb
HFS 64.04 7 eP 54 22.20 -0.4
0 7s 2.80nm 4.5mb
XAN 66 04 295 eP 54 34.60 -1.2
GTA 66 20 305 eP 54 36.70 -0.2
WMQ 67.74 316 P 54 54.80 8.2X
CD2 71.15 297 eP 55 08.20 0.6
KHC 74.97 8 iP 55 31.50 1.8
MHI 83.79 333 eP 56 19.00 1.5
BUL 144.33 355 iPKPc 03 23.50 -1.2
0.7s 7.19nm
SPA 145.61 180 e(PKP)03 24.70 -0.8
S.D. = 0.9 on 25 of 26 obs.

APR 21, 1985 17h 27m 00.97± 1.10s
35.809 N ± 8.6km 70.105 E ± 7.4km
DEPTH = 100.9 ± 14.0 km
4.6mb (2 obs.)
HINDU KUSH REGION (718)

KSH 5.91 50 P 28 29.00 1.3
S 29 39.00
QUE 6.20 206 iPd 28 32.09 0.4
MHI 8.61 276 ePn 29 05.00 0.4
eSn 30 32.00
NDI 9.31 138 iPc 29 12.00 -2.0
0.6s 80.00nm 5.8mb X
eS 30 48.00
WMQ 15.69 54 eP 30 36.00 -1.5
eS 33 25.00
HYB 19.80 156 eP 31 27.00 1.2
SHL 21.29 113 eP 31 41.00 0.0
GTA 23.76 72 P 32 06.80 1.7
NUR 37.97 325 eP 34 10.00 -0.1
SUF 38.13 329 iP 34 11.20 -0.2
KJF 38.14 331 eP 34 25.00 13.5X
UPP 41.17 323 iP 34 36.40 -0.1
HFS 43.17 322 iP 34 52.50 -0.3
0.6s 8.80nm 4.8mb
NB2 44.50 324 P 35 02.80 -0.8
0.7s 4.10nm 4.4mb
INK 74.72 9 eP 38 30.00 -0.8
YKA 81.97 2 eP 39 11.00 0.7
S.D. = 1.1 on 15 of 16 obs.

APR 21, 1985 17h 39m 49.50± 0.56s
0.501 S ± 7.5km 80.510 W ± 9.5km
DEPTH = 33.0km (normal)
4.6mb (6 obs.)
NEAR COAST OF ECUADOR (105)

OUR 2.01 81 iPd 40 19.80 -2.3
S 40 42.50
PSO 3.60 62 iP 40 45.50 0.8
BOG 8.21 52 eP 41 52.00 2.4
UPA 9.47 6 eP 42 07.50 0.8
NNA 11.98 162 eP 42 42.00 1.0
0.9s 15.13nm 5.2mb
e 44 54.00
LPB 20.09 143 iPd 44 23.00 -0.7
CCH 21.94 141 P 44 43.00 0.5
YJA 26.03 147 ePd 45 23.00 0.9
JCT 35.86 331 eP 46 48.50 0.1
0.9s 7.56nm 4.6mb
ITR 42.70 102 eP 47 44.30 -1.2
0 9s 10.80nm 4.6mb
i 47 54.10
RSON 52.39 349 eP 48 59.30 -1.4
0.8s 5.28nm 4.6mb
FFC 57.81 345 eP 49 39.00 -0.9
0.7s 3.00nm 4.5mb
PNT 59.92 332 eP 49 55.00 0.3
0.7s 5.00nm 4.8mb
YKC 67.82 344 eP 50 46.00 -0.2
YKA 67.86 344 eP 50 46.30 -0.2
KIC 75.91 83 eP 51 34.30 -1.1
INK 77.53 342 eP 51 43.00 -0.3
PVC 109.98 251 iPKPc 58 25.50 5.3X
NOU 111.05 246 iPKPc 58 30.20 8 1X
KKN 149.64 25 ePKP 59 34.00 0.5
0.7s 13.00nm
PKI 149.88 25 ePKP 59 35.20 1.1
1.0s 18.00nm
S.D. = 1.2 on 19 of 21 obs.

APR 21, 1985 17h 54m 27.33± 0.26s
22.806 S ± 8.4km 174.784 W ± 5.2km
DEPTH = 33.0km (normal)
5.3mb (18 obs.) 5.1Msz (3 obs.)
TONGA ISLANDS REGION (174)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 16C
Centroid Location:
Origin Time 17:54:33.3 1.6
Lat 22.52S 0.18 Lon 174.79W 0.20
Dep 27.910.4 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr= 3.19 0.42 Mtt=-2.54 0.69
Mff=-0.65 0.62 Mrt= 3.59 1.60
Mrf= 3.70 1.64 Mtf=-0.24 0.48
Principal Axes:
T Val= 6.46 Plg=57 Azm=307
N -1.24 10 53
P -5.21 31 149
Best Double Couple:Mo=5.8*10**23
NP1:Strike=267 Dip=17 Slip= 126
NP2: 50 76 80

SVA 7.87 305 ePd 56 23.20 0.9
GNZ 16.94 200 eP 58 28.00 4.6X
S 01 19.00
KRP 17.21 207 eP 58 31.00 4.3X
TBI 23.30 96 eP 59 32.00 -1.2
1.1s 150.00nm 5.4mb
PAE 24.18 82 eP 59 42.00 0.2
0.9s 65.00nm 5.2mb
PPT 24.21 82 eP 59 41.00 -1.1
0.9s 60.00nm 5.1mb
HNR 27.62 295 eP 00 13.00 -0.9
SVO 27.88 295 e(P) 00 23.00 6.7X
RMO 33.27 256 eP 01 03.00 -1 0
CAN 33.84 240 eP 01 08.60 -0.3
WAM 34.12 239 eP 01 12.00 0 0
YOU 34.14 242 eP 01 11.20 -0 3
CMS 35.94 247 eP 01 25.00 -1 9
ASPA 46.95 258 iPc 02 54.90 -2.2
1.1s 40.00nm 5.3mb
SBA 55.80 185 e(P) 04 04.30 1.2
AAI 58.27 280 e(P) 04 17.70 -3.8X
KLB 59.81 246 eP 04 30.00 -2.0
MUN 61.05 245 eP 04 39.00 -1.4
MRWA 61.75 248 eP 04 43.50 -1.7
NAU 63.73 255 iPd 04 57.20 -1.2
SPA 67.33 180 e(P) 05 23.00 1.9
MAT 73.84 322 iPc 05 58.60 -2.0
0.8s 13.43nm 5.0mb
eS 15 42.00
SYP 77.19 44 eP 06 20.00 0.1
MHC 77.97 41 e(P) 06 24.30 0.2
PAS 78.12 45 eP 06 26.00 1.2
MWC 78.24 45 eP 06 25.00 -0.8
PLM 78.51 46 eP 06 26.00 -1.2
RVR 78.55 46 eP 06 28.00 0.8
SBB 78.68 45 eP 06 29.00 1.0
ISA 78.87 44 eP 06 29.00 0.0
FRI 78.93 42 e(P) 06 29.50 0.3
JAS1 79.09 41 e(P) 06 30.00 -0.1
SDW 79.12 45 P 06 28.00 -2.5
TPC 79.50 46 eP 06 33.00 0.6
ORV 79.51 39 e(P) 06 31.80 -0.5
CLC 79.52 44 eP 06 33.00 0.5
WDC 79.59 38 iPd 06 32.80 0.1
CWC 79.60 43 eP 06 34.00 0.9
GLA 79.70 48 eP 06 33.50 0.0
GLA 79.70 48 eP 06 37.00 3.5X
GSC 79.72 45 eP 06 33.00 -0.6
MIN 79.97 38 e(P) 06 34.40 -0.6
MNA 80.79 42 eP 06 39.30 0.0
BMN 82.60 41 P 06 48.00 -0.7
1.2s 26.21nm 5.2mb
EUR 82.78 42 iP 06 49.20 -0.6
0.6s 8.72nm 5.0mb
KGM 83.31 275 ePc 06 53.70 0.9
MDJ 84.13 324 Pc 06 56.80 0.6
RMU 84.59 46 eP 07 00.00 1 1
MSU 84.60 44 P 06 59.00 -0 1
DL2 85.46 315 eP 07 10.80 7.8X
LTX 85.82 56 eP 07 06.00 0.8
1.0s 10.00nm 5.0mb
SNY 85.90 319 eP 07 05.00 -0 1
CN2 85.95 321 Pc 07 05.00 -0.3
S 17 34.00
WHN 86.21 305 P 07 07.00 0.1
IPM 86.41 276 ePc 07 08.80 0 5
1.0s 43.60nm 5.6mb
ALQ 86.55 50 eP 07 08.00 -0 5
1.2s 33.20nm 5 4mb
Z 18s 0.60um 5.0Msz
PMR 86.60 12 P 07 07.00 -1 1
TTA 86.73 8 P 07 07.80 -1 0
1.4s 77.27nm 5.7mb
PNT 86.93 33 ePc 07 09.70 -0.3
1.2s 42.00nm 5.5mb
TIA 87.03 311 eP 07 11.00 0.2
NEW 87.53 34 P 07 13.00 0.0
PSI 87.61 274 ePd 07 14.50 0.4
0.7s 49.00nm 5.9mb
SNG 87.80 279 eP 07 17.00 2.1
BDW 88.62 42 eP 07 18.00 -0.6
1.0s 5.80nm 4.9mb
JCT 89.32 56 eP 07 21.00 -0.9
1.3s 17.31nm 5.2mb
Z 18s 0.52um 5 0Msz
BJI 89.63 314 eP 07 24.00 0 9
COL 89.88 11 eP 07 23.00 -0 7

21d 18h

FBA	89.88	11	eP	07 22.40	-1.3
	1.3s	14.00nm			5.1mb
IMA	90.04	8	eP	07 24.10	-0.5
GYA	90.38	299	P	07 28.20	1.1
LOE	90.84	288	eP	07 29.00	-0.1
TIY	91.04	311	eP	07 30.00	0.2
SES	92.00	35	ePc	07 33.20	-0.6
RSSD	92.76	43	eP	07 38.30	0.5
	1.2s	21.38nm			5.5mb
KMI	93.05	296	Pd	07 41.00	1.5
HHC	93.10	313	eP	07 40.40	1.2
CHTO	93.82	289	eP	07 45.00	2.1
CD2	94.54	302	eP	07 47.40	1.4
TUL	94.70	53	eP	07 47.00	0.4
	1.2s	20.90nm			5.4mb
Z	19s	0.80um			5.2Msz
BHO	94.76	55	e(P)	07 48.50	1.6
INK	95.72	14	eP	07 51.00	0.5
YKA	97.37	24	eP	07 58.20	0.1
YKC	97.41	24	eP	07 58.00	-0.2
MHI	131.48	299	ePKP	13 39.00	0.5
KJF	136.02	346	ePKP	13 57.00	10.9X
SUF	137.66	346	ePKP	13 46.00	-3.3X
NUR	139.95	345	ePKP	13 47.00	-6.5X
SLL	141.93	353	ePKP	13 50.30	-6.8X
	0.9s	3.20nm			
MUD	146.26	356	ePKP	14 05.00	0.5
	1.3s	67.00nm			
WIT	150.02	358	ePKP	14 16.50	6.0X
WTS	150.83	358	ePKP	14 17.70	5.9X
	1.3s	59.00nm			
CLL	150.91	350	iPKP	14 20.20	8.3X
			i	14 30.40	
VRI	151.11	328	ePKP	14 27.00	14.6X
SPC	151.11	339	ePKP	14 21.40	8.8X
			e	14 32.50	
BHL	151.12	299	PKP	14 19.00	6.0X
BRG	151.17	348	iPKPc	14 18.60	6.3X
	0.9s	14.00nm			
			i	14 21.00	
MOX	151.76	351	ePKP	14 22.50	9.2X
	1.6s	43.00nm			
PRU	151.90	347	PKPc	14 19.50	6.0X
UCC	152.05	1	PKP	14 23.60	10.0X
ENN	152.08	359	ePKP	14 22.00	8.3X
	1.0s	16.00nm			
			e	14 41.50	
MEM	152.24	359	PKPc	14 22.60	8.7X
			e	15 44.00	
CMP	152.36	329	ePKPc	14 17.00	2.7X
COZ	152.65	330	ePKP	14 23.00	8.1X
GRF	152.75	351	ePKP	14 26.00	11.3X
	1.0s	8.00nm			
DOU	152.76	1	PKP	14 21.60	6.9X
			e	15 48.90	
KHC	152.91	348	PKP	14 17.00	2.0
			i	14 24.50	
WLF	153.18	359	PKP	14 26.00	10.8X
			e	15 49.60	
			e	18 27.00	
CLO	153.54	331	iPKPd	14 30.00	14.0X
SOP	153.56	343	iPKPd	14 18.50	2.6X
	0.6s	55.60nm			
GRC	155.50	4	iPKPd	14 30.70	12.2X
BNG	157.64	217	iPKPc	14 24.20	1.9
	1.5s	24.00nm			
			i	14 57.20	

S.D. = 1.1 on 81 of 111 obs.

APR 21, 1985 18h 13m 18.93± 0.28s
43.888 N ± 3.8km 16.506 E ± 3.5km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 4.5 (YBA), 4.3 (TRI). Felt at Split and along the Dalmatian coastal area from Mokarska to Sibenik

BRY	1.78	123	iPn	13 51.00	0.9
			iSn	14 16.50	
HCY	2.05	134	iPnd	13 54.70	0.9
			iSn	14 23.00	
PLE	2.17	104	iPn	13 57.50	1.8
			iSn	14 27.00	
BDV	2.34	133	ePn	13 59.00	1.0
			iSn	14 29.50	
CEY	2.37	322	iPn	14 01.20	2.7
			iPg	14 07.50	
			iSn	14 32.50	
TTG	2.49	125	iPn	14 01.50	1.4
			iSn	14 33.00	
LJU	2.57	328	iPn	14 03.00	1.7
TRI	2.67	314	iPnc	14 04.10	1.4
			iPg	14 10.00	
			i	14 16.50	
			iSn	14 37.50	
			iSb	14 45.90	
			iSg	14 48.00	
IVA	2.67	111	iPn	14 04.80	1.9
			ePg	14 12.00	
			eSn	14 39.00	
DUI	2.69	215	ePn	14 04.20	1.2
AQU	2.74	237	ePn	14 05.50	1.7
ULC	2.79	133	ePn	14 04.50	0.1
			eSn	14 39.00	
VOY	2.83	320	iPnd	14 07.00	1.9
			iPg	14 14.90	
			i(Sn)	14 42.70	
			i(Sg)	14 52.30	
PVY	2.84	116	ePn	14 07.70	2.4
			eSn	14 44.00	
BRT	3.05	170	ePn	14 07.50	-0.6
			eSn	14 44.00	
MNS	3.18	243	ePn	14 11.50	1.6
			eSn	15 17.00	
SGO	3.44	195	ePn	14 13.00	-0.7
			eSn	14 53.50	
LCI	3.71	163	ePn	14 16.00	-1.5
ORI	3.84	181	iPnd	14 19.00	-0.3
KBA	3.89	326	iPnc	14 21.50	1.3
			i	14 34.50	
			i	14 43.00	
			iSn	15 09.80	
			i	15 26.20	
			i	15 28.80	
			iSg	15 34.90	
BUD	4.01	25	e(Pn)	14 21.00	-0.6
CTI	4.07	304	ePn	14 23.00	0.4
SKO	4.10	116	iPn	14 24.00	1.1
			iSn	15 11.50	
SRO	4.12	17	iPn	14 23.00	-0.3
			e(Pg)	14 44.00	
			e(Sn)	15 10.00	
			eSg	15 37.00	
OHR	4.22	130	iPn	14 25.20	0.5
ZST	4.33	5	iPnc	14 25.50	-0.7
			i	15 14.00	
KMR	4.49	339	iPn-	14 29.80	1.4
			i	15 38.00	
SAL	4.59	294	ePn	14 31.00	1.0
			iSn	16 06.50	
BHG	4.60	328	iPnc	14 32.10	2.0
OGA	4.88	310	iPnd	14 34.80	0.6
VAY	5.16	118	ePn	14 38.00	0.0
GRG	5.26	122	ePnc	14 39.10	-0.3
KZN	5.30	131	ePn	14 39.50	-0.7
			eSg	15 40.00	
JOS	5.39	30	eP	14 40.50	-0.8
KNT	5.45	118	ePnc	14 41.90	-0.3
KHC	5.62	340	iPn	14 44.50	-0.1
			e	15 59.80	
CVF	5.73	259	Pn	14 47.60	1.4
			Sn	15 52.10	
THE	5.79	122	ePn	14 46.40	-0.5
WET	5.82	336	iPc	14 51.60	4.2X
LIT	5.85	128	ePn	14 46.70	-1.0
SRS	5.92	115	ePnc	14 48.60	-0.2
SOH	5.93	119	ePnd	14 48.50	-0.4
GIB	6.19	199	iPnd	14 53.00	0.3
PRU	6.25	348	Pn	14 53.40	0.1
			e	16 19.50	
			e	16 31.00	
ORO	6.31	289	ePn	14 53.00	-1.4
			eSn	15 01.50	
VLS	6.49	150	ePn	14 53.70	-3.1
			eSb	16 03.50	
PAIG	6.65	124	ePn	14 57.30	-1.8
FRF	7.15	271	Pn	15 05.00	-1.1
HOF	7.16	335	eP	15 04.90	-1.3
LMR	7.28	269	Pn	15 08.60	0.8
LRG	7.37	270	Pn	15 09.80	0.7
BUH	7.47	313	eP	15 09.40	-1.2
MOX	7.53	336	ePn	15 11.00	-0.4
BSF	7.84	304	Pn	15 15.00	-0.9
			Sn	16 40.60	
CDF	7.84	308	Pn	15 14.90	-0.9
HAU	8.19	304	Pn	15 19.70	-0.9
			Sn	16 49.60	
TNS	8.39	322	ePn	15 22.70	-0.7
			eSn	16 54.00	
LBF	9.34	294	Pn	15 34.30	-2.2
			Sn	17 16.30	
SMF	9.35	292	Pn	15 34.40	-2.3
			Sn	17 15.70	
LOR	9.49	295	Pn	15 36.60	-2.0
			Sn	17 20.20	
BGF	10.00	290	Pn	15 44.50	-1.2
			Sn	17 33.00	
GRC	10.01	295	iPnd	15 49.00	3.2X
HFS	16.36	355	eP	17 14.00	4.0X
	0.5s	1.30nm			3.3mb
Z	12s	0.26um			5.8Msz
			LR	23 25.00	
NUR	17.36	14	eP	17 34.00	11.5X
Z	16s	0.10um			
SUF	19.68	13	eP	17 46.00	-4.9X
KJF	21.32	14	eP	18 07.00	-0.8
DMN	56.46	82	eP	23 00.80	-2.8

S.D. = 1.3 on 62 of 67 obs.

& APR 21, 1985 18h 50m 43.20s
37.320 N 121.710 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.8 (BRK).
Mo=9.7*10**19 (BRK).

MHC	0.06	68	iPc	50 44.80	-0.1
ARN	0.14	78	iPd	50 45.90	-0.3
GCC	0.37	218	iPd	50 50.90	0.3
SLD	0.46	122	iPd	50 51.70	-0.8
PCC	0.56	289	iPc	50 54.10	-0.4
			eS	51 04.70	
SAO	0.59	159	iPd	50 54.90	-0.2
BKS	0.69	323	eP	50 56.60	-0.5
			eS	51 06.90	
BRK	0.70	322	eP	50 57.00	-0.3
			eS	51 08.80	
ZSP	0.76	325	iPc	50 58.20	-0.2
			iS	51 10.20	
LLA	0.93	139	eP	51 00.20	-1.3
			eS	51 16.00	
PRS	1.02	164	iPc	51 02.20	-0.8
JAS1	1.19	59	iPc	51 04.60	-1.3
			iS	51 20.00	
ORV	2.24	4	e(P)	51 20.20	-1.3

13 obs. associated

• APR 21, 1985 19h 00m 40.69± 1.47s
66.039 N ±20.4km 150.137 W ± 8.2km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.2 (PMR).

IMA	1.45	273	eP	01 06.80	-0.2
COL	1.51	138	iP	01 07.80	0.1
			e	01 11.00	
			eS	01 30.00	
FBA	1.51	138	eP	01 07.10	-0.6
TTA	4.03	222	eP	01 44.10	0.3
DWY	4.95	109	P	01 57.20	0.4
INK	6.85	63	eP	02 15.00	-8.5X

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

• APR 21, 1985 19h 26m 57.88± 0.91s
55.778 N ± 7.9km 154.500 W ±12.0km
DEPTH = 33.0km (normal)
4.5mb (6 obs.)
SOUTH OF ALASKA (17)

KDC	2.26	28	eP	27 33.80	0.1
PMR	6.47	23	e(P)	28 32.20	-1.0
TTA	7.22	354	e(P)	28 34.70	-9.1X
COL	9.73	17	eP	29 19.00	0.5
INK	15.82	29	eP	30 39.00	-0.4
YKA	21.25	55	eP	31 43.40	0.5
YKC	21.31	55	ePc	31 43.50	0.0
	0.9s	9.00nm			4.2mb
PNT	22.00	92	eP	31 50.00	-0.6
	1.0s	17.00nm			4.4mb
SES	26.30	83	eP	32 31.00	-1.0

RSSD	33.75	89	eP	33	39.30	0.8
FRB	40.82	43	eP	34	38.00	0.7
TUL	43.94	91	eP	35	03.30	0.2
	1.2s		17.20nm			4.7mb
RLO	44.19	91	eP	35	05.40	0.2
DAG	44.79	13	iPc	35	10.00	0.6
	0.5s		6.34nm			4.7mb
BHO	45.57	92	eP	35	16.20	0.0
NBO	62.98	8	P	37	23.00	-0.1
	1.0s		4.00nm			4.5mb
HFS	64.05	7	eP	37	30.00	0.0
	0.7s		1.80nm			4.3mb
BUL	144.34	355	iPKPc	46	31.50	-0.6
	0.6s		3.33nm			
	S.D. = 0.6		on 17 of 18 obs.			

& APR 21, 1985 20h 06m 02.36s
61.485 N 149.947 W
DEPTH = 56.9km
SOUTHERN ALASKA (2)
<AGS-P>.

PWA	0.17	11	iP	06	10.85	-0.5
PMS	0.30	142	iP	06	12.07	-0.3
PLRM	0.41	74	iP	06	12.70	-0.5
			iS	06	20.39	
PMR	0.41	74	eP	06	12.62	-0.5
			eS	06	20.23	
PME	0.46	71	iP	06	13.52	-0.2
GHO	0.57	59	iP	06	14.84	-0.2
			iS	06	24.46	
MSE	0.59	52	iP	06	14.82	-0.5
			iS	06	24.71	
KNK	0.72	95	iP	06	16.69	-0.1
			iS	06	27.90	
PTE	0.77	144	iP	06	16.78	-0.6
			iS	06	28.28	
SML	0 84	66	iP	06	17.90	-0.4
			iS	06	30.05	
NKA	0.97	221	eP	06	21.35	1.3
SLKM	0.99	188	eP	06	19.57	-0.8
			eS	06	32.90	
PWL	1.00	128	iP	06	19.97	-0.5
			eS	06	34.00	
CGLM	1.01	261	iP	06	20.60	0.0
MPA	1.04	164	eP	06	20.05	-0.9
			eS	06	34.38	
SPU	1.06	254	iP	06	21.13	-0.2
			iS	06	35.67	
CRP	1.09	259	iP	06	21.70	-0.1
			iS	06	34.07	
SCM	1.30	73	eP	06	24.28	-0.3
			eS	06	39.62	
SEW	1.41	170	eP	06	26.13	0.1
TTV	1.43	106	iP	06	26.28	-0.1
			iS	06	45.27	
RDT	1.51	234	iP	06	26.72	-0.8
GLI	1.51	112	iP	06	26.57	-0.9
VZW	1.69	103	eP	06	29.21	-0.9
FID	1.84	112	eP	06	30.18	-1.9
TOA	1.90	69	iP	06	33.33	0.4
			eS	06	58.10	
ILM	1.92	228	eP	06	32.72	-0.5
KLU	1.93	88	iP	06	32.45	-1.0
			eS	06	55.87	
SVW	2.76	265	iP	06	44.02	-1.1
RAGM	2.80	111	eP	06	45.50	-0.2
TTA	3.19	300	eP	06	49.80	-1.5
COL	3.56	15	eP	06	58.00	1.6
	31 obs associated					

* APR 21, 1985 21h 03m 09.52± 0.60s
17.503 N ±11.9km 62.755 W ±10.2km
DEPTH = 124.7 ± 9.7 km
LEEWARD ISLANDS (92)

BPA	0.97	118	iPd	03	31.65	-0.3
			S	03	46.90	
SEG	1.62	132	iPc	03	39.21	0.2
			S	04	00.50	
MLG	1.75	145	eP	03	40.80	0.2
PAG	1.79	145	eP	03	41.35	0.2
			S	04	06.40	
BTG	1.80	146	eP	03	41.50	0.3
SFG	1.94	130	eP	03	42.74	-0.2
MGG	2.09	139	iPc	03	45.24	0.4
			S	04	10.30	
MDN	2.53	149	eP	03	50.55	0.1
FDF	3.16	151	eP	03	58 32	-0.4
			S	04	30.90	
CRM	3.26	147	eP	03	59.37	-0.7
SJG	3.29	281	iPd	04	00 50	0.0
BIM	3.38	151	eP	04	01.67	-0.1
MVM	3.43	148	eP	04	02.80	0.4
YKA	57.42	334	eP	12	47.10	0.1
	S.D. = 0.4		on 14 of 14 obs			

? APR 21, 1985 21h 15m 57.24± 2.11s
34.119 S ±14.1km 72.270 W ±19.9km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.73	77	iPc	16	10.50	-0.6
TACH	1.20	68	iPc	16	55.00	37.2X
PEL	1.64	54	iPc	16	24.90	0.7
			iS	16	45.80	
FCH	1.83	65	iPc	16	28.00	0.8
JACH	2.01	45	iPd	16	29.50	-0.1
MDZ	3.11	68	iPd	16	49.80	4.6X
			iS	17	31.30	
RFA	3.21	103	ePd	16	48.20	1.6
RTCV	3.86	55	ePd	17	02.00	6.2X
			S	17	56.20	
RTLL	4.24	50	ePd	17	05.00	3.8X
			S	18	02 30	
TCA	7.04	69	iPd	17	39.00	-1.7
			S	19	04.00	
VBA	9.21	118	e(P)	18	10.00	-0.8
GBA	145.79	119	PKPc	35	34.60	0.1
	0.8s		4 90nm			
	S.D. = 1.2		on 8 of 12 obs.			

APR 21, 1985 21h 24m 03.05± 0.74s
42.954 N ± 7.4km 20.760 E ± 6.6km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.6 (TTG).

IVA	0.64	263	ePg	24	14.60	-1.3
			eSg	24	23.50	
PVY	0.68	238	iPgd	24	15.90	-0.7
			eSg	24	26.70	
PLE	1.07	291	ePg	24	22.10	-1.1
			eSg	24	37.00	
SKO	1.10	153	iPgc	24	23.40	-0.4
			iSg	24	38.50	
TTG	1.22	245	ePg	24	26.00	0.2
			eSg	24	43.50	
BDV	1.58	245	ePn	24	33.00	1.9
			eSn	24	57.00	
BRY	1.63	269	ePn	24	33.50	1.5
			eSn	24	56.50	
HCY	1.74	254	ePn	24	36.50	3.0X
			eSn	25	03.50	
OHR	1.84	179	ePn	24	34.80	-0.2
VAY	2.12	140	ePn	24	42.70	3.8X
CLO	2.58	34	iPc	24	45.00	-0.6
GZR	2.84	30	ePc	24	50.00	0.7
	S.D = 1.2		on 10 of 12 obs.			

& APR 21, 1985 21h 33m 00.63s
60.145 N 153.096 W
DEPTH = 131.8km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.14	75	iP	33	18.05	0.8
			eS	33	32.18	
RDT	0.55	38	iP	33	19.82	-0.7
PDB	0.66	237	iP	33	20.43	-0.7
			eS	33	35.61	
NKA	1.10	56	eP	33	25.87	1.0
SPU	1.16	26	iP	33	25.03	-0.6
			eS	33	44.07	
BRLK	1.18	108	iP	33	24.92	-0.8
			iS	33	43.75	
CRP	1.22	22	eP	33	26.02	-0.3
CGLM	1.28	24	eP	33	26.35	-0.6
SLKM	1.48	74	eP	33	27.80	-1.2
SVW	1.58	309	eP	33	29.05	-1.1
SEW	1.83	90	eP	33	31 47	-1.5
MPA	1.89	78	eP	33	32.43	-1.3
PMS	2.06	56	eP	33	34.55	-1.4
			eS	34	00 70	
PTE	2.14	69	eP	33	36.05	-0.8
KDC	2.42	172	eP	33	38.09	-2.3
KNK	2.61	59	eP	33	40.61	-2.2
GHO	2.61	49	eP	33	40.92	-2.0
MSE	2.63	48	eP	33	41.05	-2.2
SML	2.86	52	eP	33	43.75	-2 4
YKA	18.44	66	eP	37	06.40	-1 8
	20 obs. associated					

? APR 21, 1985 21h 56m 52.72± 2.23s
6.245 S ±21.9km 148.017 E ±22.6km
DEPTH = 33.0km (normal)
NEW BRITAIN REGION (192)

MDG	2.44	294	eP	57	32.00	0.9
PMG	3.26	195	eP	57	44.00	1 3
ALOA	4.66	150	eP	58	02.50	0.0
RMO	20.14	178	iPc	01	27.60	0.5
ASPA	22.01	217	eP	01	45.00	-1.1
MEK	34.61	231	eP	03	40.00	-1.1
MRWA	37.88	229	eP	04	08.00	-0.6
	S.D. = 1.2		on 7 of 7 obs.			

& APR 21, 1985 22h 14m 56.86s
62.410 N 148.555 W
DEPTH = 34.6km
CENTRAL ALASKA (1)
<AGS-P>. ML 4.3 (PMR). Felt (II) at Palmer.

MSE	0.61	199	iP	15	08.38	-0.7
SML	0.61	170	iP	15	08.65	-0.4
GHO	0.66	195	iP	15	09.11	-0.7
PME	0.82	196	eP	15	10.60	-1.3
SCM	0.82	135	iP	15	11.75	-0.3
PLRM	0.86	199	iP	15	11.44	-1.2
			iS	15	23.79	
PWA	0.98	220	iP	15	13.42	-0 9
KNK	1.00	177	iP	15	14.14	-0.5
TOA	1.16	104	iP	15	17.95	1.1
PMS	1.26	203	eP	15	17.40	-1.1
KLU	1.55	125	eP	15	22.52	-0.1
			iS	15	43.23	
PWL	1.56	176	iP	15	21.95	-0.8
			eS	15	42.75	
PTE	1.57	188	iP	15	22.07	-0.7
			eS	15	42.52	
VLZ	1.66	140	eP	15	23.38	-0.7
			eS	15	44.92	
GLI	1.69	155	iP	15	24.27	-0.2
			eS	15	46.33	
KMP	1.89	117	iP	15	27.60	0 1
TSIM	1.93	126	iP	15	27.75	-0.4
			iS	15	54.45	
MPA	1.97	192	eP	15	27.63	-0.8
			eS	15	53.10	
CGLM	1.98	237	eP	15	27.77	-0.9
			eS	15	52 15	
CRP	2.06	238	eP	15	29 32	-0 6
SPU	2.07	235	eP	15	28.90	-1 1
			eS	15	54.93	
SLKM	2.07	203	eP	15	29.23	-0 8
			eS	15	55.78	
NKA	2.11	219	eP	15	31.80	1 3
GLB	2.45	111	eP	15	35.20	-0 1
			iS	16	04.40	
SGAM	2.50	139	eP	15	34.94	-1.1
COL	2.52	7	iPc	15	35.70	-0.6
			i	15	37.30	
			eS	16	04.00	
FBA	2.52	7	eP	15	35.50	-0.8
RDT	2.61	227	eP	15	36.27	-1.4
			eS	16	06.27	
ILM	3.04	224	iP	15	42.27	-1.4
MID	3.18	159	P	15	45.80	0 1
TTA	3.48	282	eP	15	47.40	-2.7
SVW	3.60	252	eP	15	48.40	-3.3
PDB	3.80	229	eP	15	52.11	-2.3
IMA	4.30	331	eP	15	59.50	-2.2
DWY	4.44	64	P	16	03 40	-0 2
KDC	5.07	205	eP	16	10 00	-2 5
PNL	5.23	118	eP	16	14.00	-0 8
INK	8.60	40	eP	17	01.00	-0 9
BRW	9.48	344	eP	17	11 00	-3 8
	39 obs associated					

? APR 21, 1985 23h 16m 19.69± 9 88s

21d 23h

24.352 N ±12.2km 122.935 E ±85.4km
DEPTH = 33.0km (normal)
TAIWAN REGION (243)

TWC	1.02	285	iPd	16 37.70	0.0
			eS	16 47.50	
TWD	1.25	258	iPd	16 40.80	-0.2
			eS	16 53.70	
TWZ	1.44	301	iPd	16 43.50	-0.2
TATO	1.46	296	iP	16 44.30	0.4
			iS	16 59.80	
ANP	1.53	303	eP	16 45.00	-0.1
TWF1	1.80	237	iPc	16 49.00	0.1

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

% APR 22, 1985 00h 48m 46.11± 0.88s
40.133 N ± 6.6km 29.296 E ± 7.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.44	8	iPg	48 54.90	-0.1
DST	0.74	225	iPg	49 00.30	-0.3
			iSg	49 10.00	
TTK	1.03	249	iPn	49 05.50	-0.1
EDC	1.12	281	iPn	49 07.40	0.3
ALT	1 25	149	iPn	49 09.50	0.2

S D = 0.4 on 5 of 5 obs.

? APR 22, 1985 01h 06m 30.93± 8.75s
33.558 S ±15.7km 71.952 W ±75.3km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.60	131	iPc	06 42.30	-0.6
TACH	0.85	97	iP	06 45.80	-0.7
PEL	1.14	69	iPd	06 51.50	0.9
			iS	07 05.40	
FCH	1.41	81	iP	06 55.50	0.7
JACH	1.44	53	iPd	06 55.50	0.5
MDZ	2.69	76	eP	07 16.50	3.7X
			iS	07 53.90	
RFA	3.13	114	ePd	07 20.70	1.5
			(S)	08 08.00	
RTCV	3.34	60	ePd	07 28.80	6.7X
			S	08 14.00	
ZON	3.42	55	eP	07 30.00	6.8X
RTLL	3.69	54	ePd	07 33.60	6.6X
			(S)	08 26.20	
TCA	6.60	72	ePc	08 06.10	-2.2
			S	09 30.80	

S.D. = 1.5 on 7 of 11 obs.

• APR 22, 1985 02h 51m 05.59± 0.93s
39.739 N ± 9.2km 20.612 E ± 7.9km
DEPTH = 10.0km (geophysicist)
3.4mb (1 obs.)
GREECE-ALBANIA BORDER REGION (392)

KZN	1 06	57	ePb	51 23.50	-2.0
			eSb	51 40.50	
OHR	1.38	6	iPn	51 31.30	0.4
VLS	1.56	181	ePn	51 34.00	0.6
			eSn	51 59.00	
VAY	2.17	43	iPn	51 43.00	0.7
SKO	2.32	15	iPn	51 45.50	1.1
			iSn	52 15.00	
BRT	2.84	295	e(Pn)	51 51.00	-0.8
TTG	2.88	340	ePn	51 52.50	0.3
			eSn	52 40.00	
PVY	2.89	351	ePn	51 54.00	1.3
MMB	3.01	51	eP	51 54.00	-0.1
HCY	3.14	330	ePn	51 55.20	-0.8
ORI	3.22	277	e(Pn)	52 07.30	10.2X
VTS	3.46	34	iP	52 02.00	1.5
KDZ	4.07	51	iPd	52 14.00	4.7X
			iS	52 53.00	
SGO	4.15	283	ePn	52 11.00	0.7
UPP	20.23	356	iP	55 38.90	-4.4X
NB2	22.11	348	P	55 59.70	-2.8
	0.8s		1.30nm		3.4mb

S.D = 1.4 on 13 of 16 obs.

APR 22, 1985 03h 31m 35.87± 0.52s
39 810 N ± 9.3km 118.888 E ± 7.3km
DEPTH = 33 0km (normal)
4.5mb (7 obs.)
NORTHEASTERN CHINA (658)

BJI	2.10	277	Pnd	32 07.80	-1.6
			Pg	32 09.40	
			Sg	32 44.00	
DL2	2.31	112	Pnc	32 13.00	0.7
			Pg	32 14.70	
			Sg	32 40.40	
TIA	3.85	202	Pnc	32 31.20	-3.1
			Pg	32 44.30	
			Sn	33 13.20	
			Sg	33 28.00	
SNY	4.09	59	Pnc	32 37.80	0.2
			Pg	32 53.40	
			Sn	33 25.00	
			Sg	33 47.80	
TIY	5.46	250	ePn	32 55.20	-1.9
			Pg	33 12.80	
CN2	6.32	49	Pn	33 08.00	-1.1
			Sn	34 26.20	
			Sg	34 57.00	
SSE	8.89	167	e(P)	33 40.60	-4.4X
			eLg	36 06.00	
			eLg	36 22.00	
XAN	9.84	237	eP	34 03.30	5.2X
WHN	9.96	203	eP	34 03.50	3.8X
LZH	12.44	257	eP	34 33.50	-0.1
			Lg	38 05.50	
GTA	14.71	275	eP	35 05.00	1.5
CD2	15.19	239	eP	35 09.20	-0.4
MAT	15.54	96	iPc	35 22.50	8.4X
GYA	16.77	221	eP	35 31.00	1.0
KMI	19.95	228	eP	36 10.50	2.2
			eS	39 52.00	
WMO	23.52	290	eP	36 46.00	2.3
LOE	26.83	219	eP	37 17.00	1.8
CHTO	27.09	225	eP	37 13.00	-4.5X
	0.9s		1.71nm		3.7mb
COL	56.10	31	eP	41 15.00	1.2
	0.7s		5.14nm		4.7mb
INK	59.66	24	eP	41 38.00	-0.7
WRA	61.17	163	Pd	41 49.20	-0.3
	0.6s		1.40nm		4.3mb
SLL	63.16	328	eP	42 01.00	-1.4
	0.6s		2.30nm		4.5mb
NB2	63.69	329	P	42 04.80	-1.2
	0.7s		2.40nm		4.4mb
CLL	68.65	320	e(P)	42 38.00	0.4
YKA	69.39	23	eP	42 42.40	0.4
YKC	69.44	23	ePd	42 42 00	-0.3
	0.6s		5.00nm		4.8mb
MTD	98.53	255	iPc	45 13.00	0.4
BUL	102.81	254	iPdiff	45 40.80	8.8X
	0.6s		3.33nm		5.2mb

S.D. = 1.5 on 22 of 28 obs.

APR 22, 1985 04h 19m 24.85± 0.40s
33.455 S ± 6.9km 72.244 W ± 4.9km
DEPTH = 33.0km (normal)
4.9mb (13 obs.) 4.7Msz (1 obs.)
OFF COAST OF CENTRAL CHILE (134)
Felt (III) at Santiago.

LNV	0.86	126	iPc	19 39.40	-1.0
TACH	1.11	101	iP	19 43.30	-0.8
PEL	1.34	77	iPd	19 48.20	0.7
JACH	1.59	61	iPd	19 51.10	0.8
FCH	1.64	86	iPc	19 52.50	0.4
MDZ	2.90	80	eP	20 11.00	1.2
RFA	3.40	114	ePc	20 16.90	0.0
			S	21 12.80	
RTCV	3.51	64	ePc	20 19.50	1.1
ZON	3.56	59	eP	20 21.00	1.8
RTLL	3.83	57	ePd	20 24.40	1.4
			i	20 29.80	
			S	21 22.20	
CFA	3.85	63	ePc	20 24 70	1.4
			S	21 20.20	
TCA	6.81	74	ePd	21 01.60	-3.5X
CYA	7.46	50	iPd	21 10.40	-3.7X
FSA	9 12	38	iPd	21 32 80	-4.4X
VBA	9.52	122	ePd	21 39.40	-3.3X
ANT	9.85	10	eP	22 08 00	20.8X
YJA	12.72	30	e(P)	22 24 00	-2.6
CCH	16.92	20	P	23 18 40	-2.6
			i	23 23 00	
ARE	16.93	2	eP	23 21.00	-0.2
LPB	17.26	14	eP	23 27 00	1.6
	1.1s		202.53nm		5.2mb

NNA	21.78	348	iP	24 15.70	-0.1
	1.2s		51.56nm		4.8mb
VAO	24.53	71	e(P)	24 41.00	-1.7
BOG	37.91	357	eP	26 42.50	1.3
ITR	39.68	59	iPc	26 53.60	-2.2
	1.0s		39.10nm		5.1mb
			i	27 01.60	
			i	27 03.90	
SJG	51.60	7	eP	28 28.00	-2.3
SPA	56.72	180	iPc	29 07.30	-0.3
	1.0s		34.00nm		5.3mb
			e	29 12.00	
PRM	67.85	351	eP	30 20.70	-1.1
JCT	68.72	335	iP	30 27.00	-0.4
	1.0s		11.50nm		4.9mb
LTX	69.18	331	eP	30 30.50	0.2
RSCP	69.82	348	eP	30 32.80	-1.2
BHO	70.74	340	eP	30 29.60	-10.0X
TUL	72.44	340	e(P)	30 33.00	-16.7X
	0.7s		20.50nm		
FVM	73.06	345	eP	30 52.50	-0.8
	1.0s		11.00nm		4.8mb
KIC	75.07	72	eP	31 04.80	-0.7
ALQ	75.22	331	eP	31 06.00	-0.1
	1.1s		9.49nm		4.7mb
Z	18s		0.34um		4.7Msz
RSNY	77.66	358	eP	31 19.30	0.0
TPC	78.79	324	eP	31 27.00	1.1
GLD	78.98	335	eP	31 28.00	1.1
GOL	78.98	335	eP	31 27.50	0.4
SBB	80.13	323	eP	31 33.00	-0.1
CLC	80.92	324	eP	31 38.00	0.8
ISA	81.23	323	eP	31 40.00	1.1
RSSD	82.47	337	eP	31 46.10	0.8
	1.0s		5.00nm		4.5mb
LHC	82.91	349	eP	31 47.00	-0.2
EUR	83.10	327	iP	31 49.80	1.1
	0.5s		4.92nm		4.9mb
BDW	83.21	333	iP	31 50.00	0.8
	1.0s		3.00nm		4.4mb
JAS1	83.97	324	eP	31 54.00	1.1
BMN	84.44	327	eP	31 56.00	0.7
RSON	86.06	347	iP	32 02.50	-0.5
	1.0s		7.50nm		4.9mb
LRM	86.89	333	eP	32 08.40	0.9
BUL	87.71	113	iPc	32 11.80	-0.2
	1.1s		10.76nm		5.0mb
SES	90.26	336	eP	32 22.50	-0.7
MTD	91.95	111	iPc	32 33.00	1.2
BNG	93.08	87	iPd	32 37.00	0.1
	1.3s		12.30nm		5.2mb
YKA	101.49	341	ePdiff	33 13.80	-0.2
NUR	121.77	35	ePKP	38 15.00	-1.2
SUF	122.90	33	ePKP	38 17.00	-1.3
KJF	123.82	31	ePKP	38 20.00	-0.1
POO	146.27	108	iPKPc	39 03.50	0.5
PSI	148.30	163	ePKP	39 09.00	2.7X
	0.8s		51.80nm		
KGM	148.45	172	ePKPd	39 09.90	3.3X
HYB	149.31	114	iPKPc	39 11.80	4.0X
	0.9s		29.20nm		
IPM	150.59	166	ePKPd	39 14.80	5.0X
NDI	153.46	92	ePKP	39 21.00	7.4X

S.D. = 1.1 on 52 of 64 obs.

? APR 22, 1985 04h 44m 19.41± 3.84s
17.442 N ±21.7km 98.282 W ±33.4km
DEPTH = 33.0km (normal)
GUERRERO, MEXICO (59)

III	1.46	310	ePd	44 43.00	-0.9
			iS	44 59.20	
IIT	1.57	359	iP	44 45.40	-0.2
ACX	1.61	250	eP	44 46.00	0.1
IIP	1.99	342	iP	44 52.00	0.3
CRX	2.36	326	eP	44 58.50	1.5
IIC	2.49	338	iP	44 58.00	-0.8

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

? APR 22, 1985 04h 49m 01.84± 3.40s
35.533 N ±29.4km 21.908 E ±24.0km
DEPTH = 33.0km (normal)
3.8mb (2 obs.)
MEDITERRANEAN SEA (400)

VLS	2.84	339	ePg	49 46.00	0.1
KZN	4.77	359	ePn	50 14.00	0.7

		eSg	50 59.50		
OHR	5.64	351 iPn	50 24.90	-0.7	
VAY	5.80	5 iPn	50 27.70	-0.1	
MMB	6.21	13 ePd	50 34.00	0.3	
SKO	6.44	357 eP	51 05.30	28.5X	
VTS	7.13	8 iP	50 46.00	-0.4	
NB2	26.43	348 P	54 37.40	0.3	
	0.7s	0.80nm		3.4mb	
SUF	27.34	4 iP	54 45.10	-0.3	
	0.6s	2.80nm		4.1mb	
	S.D. = 0.5	on 8 of 9 obs.			

• APR 22, 1985 05h 05m 06.87± 0.58s
36.371 N ±13.7km 32.321 E ±16.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

CSS	1.63	149 eP	05 35.00	-0.7	
		eS	05 54.00		
BCK	1.76	309 iPn	05 38.10	0.4	
ALT	3.20	327 iPn	05 59.00	0.7	
BHL	3.68	131 Pn	06 04.00	-1.1	
		Sn	06 46.00		
GPA	4.22	339 iPn	06 12.60	-0.1	
CRI	4.31	148 eP	06 15.00	1.0	
DST	4.35	319 iPn	06 15.10	0.5	
IZM	4.51	298 iPn	06 16.60	-0.2	
JER	5.17	152 eP	06 27.00	0.8	
		eS	07 23.00		
EZN	5.85	308 ePn	06 34.30	-1.4	
	S.D. = 0.9	on 10 of 10 obs.			

APR 22, 1985 05h 21m 38.72± 0.63s
41.444 N ± 6.5km 142.040 E ± 8.0km
DEPTH = 71.8 ± 6.0 km
4.7mb (10 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (I JMA) at Hachinohe, Honshu.

URA	0.90	38 eP	21 56.00	-0.3	
		S	22 08.50		
HAC	1 00	203 eP	21 57.00	-0.5	
		S	22 10.70		
HAK	1.03	291 iPd	21 58.40	0.5	
		S	22 13.10		
SAP	1.70	342 eP	22 07.00	0.2	
		eS	22 28.00		
OBI	1.72	30 eP	22 08.00	1.0	
		S	22 28.60		
TSK	5.44	197 eP	22 57.40	-1.7	
MAT	5.73	213 iPd	23 04.20	1.0	
	0.8s	11.19nm		4.2mb	
		eS	24 14.00		
DDR	5.87	203 eP	23 06.70	1.5	
MDJ	9.65	293 eP	23 56.00	-1.1	
CN2	12.45	286 eP	24 40.00	5.4X	
BJI	19.63	274 eP	26 01.50	-2.5	
SSE	19.69	245 eP	26 04.70	0.1	
TIA	20.07	263 eP	26 05.90	-2.8	
GYA	32.68	254 eP	28 08.00	1.8	
WMO	39.45	292 P	29 04.00	0.6	
CHG	43.00	252 eP	29 34.00	1.4	
COL	45.16	34 eP	29 50.00	0.6	
	0.9s	16.81nm		4.9mb	
KEN	47.86	272 eP	30 12 60	1.1	
	1.0s	42.00nm		5.3mb	
PKI	47.88	272 eP	30 12.70	0.9	
	0.8s	13.00nm		4.9mb	
DMN	48.09	272 eP	30 14.50	1.2	
	0.8s	13.00nm		4.9mb	
INK	50.28	29 eP	30 28.00	-1.2	
ALE	55.70	4 ePc	31 08.50	-0.8	
	1.0s	13.00nm		4.9mb	
YKA	59.78	32 eP	31 38.70	0.6	
SOD	61.11	336 eP	31 47.00	-0.1	
WB2	61.49	188 eP	31 48.70	-1.4	
KJF	62.78	333 eP	31 55.00	-3.3X	
SUF	64.28	333 iP	32 07.40	-0.7	
	0.5s	2.50nm		4.4mb	
NUR	66.31	331 iP	32 20.80	-0.3	
	Z 21s	0.20um		4.3Msz	
		LR	03 00.00		
FFC	69.76	34 eP	32 43.00	0.3	
HFS	70.28	335 eP	32 44.60	-1.2	
	0.6s	4.10nm		4.5mb	
	Z 12s	0.11um		4.3MszX	
		LR	59 43.00		
NB2	70.32	337 P	32 46.20	0.1	
	0.8s	5 20nm		4.5mb	
FRB	72.38	14 eP	32 57.00	-1.3	
CLL	77.52	330 e(P)	33 28.00	0.2	
PRU	77.98	328 P	33 32.00	1.6	
KHC	79.05	328 iP	33 38.00	1.7	
		e	33 55.50		
ALQ	81.40	51 eP	33 49.00	-0.2	
	1.0s	4.00nm		4.3mb	
		e	34 08.00		
CCH	145.95	54 iPKP	41 27.40	15.9X	
		e	41 32.00		
	S.D. = 1.2	on 34 of 37 obs.			

? APR 22, 1985 05h 43m 39.03± 5.46s
33.395 S ±15.7km 71.877 W ±48.4km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.68	145 iP	43 52.20	0.0	
		iS	44 01.90		
TACH	0.83	108 eP	43 54.00	-0.3	
		iS	44 04.50		
JACH	1.29	57 iPc	44 01.10	0.1	
		iS	44 17.50		
FCH	1.33	88 iPc	44 02.30	0.6	
		iS	44 19.00		
TCA	6.50	74 ePd	45 14.40	-0.5	
	S.D. = 0.6	on 5 of 5 obs.			

• APR 22, 1985 06h 53m 07.75± 0.81s
39.502 N ±23.3km 96.887 E ±14.2km
DEPTH = 33.0km (normal)
4.1mb (2 obs.)
GANSU PROVINCE, CHINA (322)

GTA	2.27	91 Pgc	53 43.40	-0.4	
		Sg	54 11.40		
LZH	6.48	120 ePn	54 44.00	0.6	
WMQ	8.12	305 P	55 06.00	-0.3	
		Lg	57 18.50		
HFS	53.53	322 eP	02 27.40	0.4	
	0.6s	1.70nm		4.2mb	
NB2	54.42	323 P	02 33.90	0.3	
	0.6s	1.10nm		4.1mb	
WB2	68.72	142 eP	04 09.80	-0.5	
	S.D. = 0.6	on 6 of 6 obs.			

• APR 22, 1985 06h 53m 40.42± 1.76s
33.515 S ±13.0km 72.250 W ±14.2km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.83	122 iPd	53 57.60	2.0	
		iS	54 10.00		
TACH	1.10	98 iPc	53 59.30	-0.3	
PEL	1.36	75 iPd	54 01.70	-1.6	
JACH	1.62	60 iPc	54 03.70	-3.4X	
FCH	1.65	84 iPd	54 06.80	-1.0	
MDZ	2.92	78 eP	54 28.00	2.3X	
RFA	3.38	113 e(P)	54 37.80	5.6X	
		S	55 26.50		
RTCV	3.54	63 ePd	54 35.80	1.3	
ZON	3.60	58 eP	54 36.00	0.7	
RTLL	3.87	57 iPc	54 38.80	-0.3	
		S	55 31.00		
CFA	3.88	62 e(P)	54 39.50	0.2	
		(S)	55 39.80		
TCA	6.83	74 e(P)	55 18.90	-2.0	
		S	56 32.40		
FSA	9.17	38 e(P)	55 55.00	1.5	
VBA	9.49	121 ePc	55 54.00	-3.9X	
ANT	9.91	10 eP	56 20.00	16.4X	
YJA	12.78	30 e(P)	56 44.00	1.1	
CCH	16.98	20 P	57 36.50	-0.8	
LPB	17.32	13 eP	57 42.00	0.3	
ITR	39.72	59 eP	01 07.10	-4.5X	
	1.0s	5.40nm		4.3mb	
ALQ	75.27	331 e(P)	05 21.00	-1.0	
	S.D. = 1.3	on 14 of 20 obs.			

• APR 22, 1985 07h 04m 02.00± 1.16s
39 656 N ±10.9km 20.969 E ±21.4km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

KZN	0.90	43 ePb	04 18.00	-1.2	
		eSn	04 33.50		
OHR	1.46	355 ePn	04 27.50	-0.9	
VLS	1.51	191 ePg	04 29.00	-0.1	
		eSg	04 50.50		
VAY	2.06	36 ePn	04 38.40	1.3	
SKO	2.34	9 ePn	04 42.00	0.9	
	S.D. = 1.6	on 5 of 5 obs.			

• APR 22, 1985 07h 14m 38.74± 1.24s
33.513 S ±10.6km 72.435 W ±11.3km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.96	118 iPd	14 56.60	0.7	
TACH	1.26	97 iP	15 00.20	0.1	
PEL	1.51	76 iPc	15 04.20	0.4	
JACH	1.75	62 iPd	15 06.10	-1.3	
FCH	1.80	85 iPc	15 08.90	0.6	
MDZ	3.07	79 eP	15 31.20	5.1X	
RFA	3.52	112 ePc	15 34.20	1.6	
RTCV	3.68	64 ePc	15 38.50	3.8X	
		S	16 35.30		
ZON	3.73	59 eP	15 41.00	5.5X	
RTLL	4.00	58 ePc	15 40.50	1.2	
		S	16 40.60		
CFA	4.02	63 e(P)	15 40.00	0.4	
TCA	6.98	74 ePd	16 19.00	-2.3	
		S	17 48.50		
CYA	7.62	50 e(P)	16 25.00	-5.3X	
VBA	9.63	121 eP	16 57.20	-0.9	
YJA	12.85	30 ePc	17 43.80	1.6	
CCH	17.03	21 P	18 36.00	-0.3	
LPB	17.35	14 eP	18 41.00	0.5	
	1.5s	111.11nm		4.8mb	
ITR	39.85	60 eP	22 08.90	-2.1	
		e	22 20.10		
JCT	68.70	335 eP	25 41.10	-0.1	
	1.0s	7.50nm		4.7mb	
ALQ	75.19	332 eP	26 20.00	0.1	
	1.1s	5.38nm		4.5mb	
	S.D. = 1.3	on 16 of 20 obs.			

• APR 22, 1985 07h 38m 05.96± 0.84s
39.762 N ± 9.3km 20.353 E ± 8.4km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

KZN	1.22	63 ePb	38 25.00	-3.7X	
		eSn	38 41.00		
OHR	1.39	14 ePn	38 31.60	0.2	
VLS	1.59	173 ePn	38 34.50	0.2	
LCI	1.93	288 ePn	38 38.00	-1.1	
VAY	2.30	47 iPn	38 43.60	-0.9	
SKO	2.36	20 ePn	38 47.00	1.7	
		iSn	39 15.00		
BRT	2.65	296 e(Pn)	38 58.50	9.0X	
		eSn	39 37.50		
ORI	3.02	277 e(Pn)	39 08.00	13.4X	
		eSn	39 55.50		
MMB	3.15	54 ePd	38 57.00	0.4	
VTS	3.56	36 eP	39 01.00	-1.3	
SGO	3.95	283 ePn	39 08.50	0.7	
KDZ	4.24	62 iP	39 15.00	3.0X	
GIB	5.25	252 ePg	38 59.00	-27.5X	
		eSg	39 12.00		
	S.D. = 1.2	on 8 of 13 obs.			

• APR 22, 1985 08h 55m 30.37± 2.03s
33.425 S ±10.5km 72.077 W ±18.6km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.77	134 iPd	55 44.00	-0.7	
TACH	0.98	104 iPd	55 47.50	-0.3	
		iS	56 05.00		
PEL	1.20	77 iPc	55 51.30	0.4	
		iS	56 09.90		
JACH	1.45	60 iPd	55 53.50	-0.1	
		iS	56 16.00		
FCH	1.50	87 iPc	55 55.90	0.4	
MDZ	2.76	80 eP	56 18.60	5.3X	
		eS	57 04.90		
RFA	3.28	115 eP	56 21.70	0.9	
TCA	6.67	74 iPd	57 08.90	0.3	
		S	58 37.60		

22d 08h

CCH 16.84 20 (P) 59 25.00 -0.6
LPB 17.20 13 eP 59 31.00 0.8
S.D. = 0.8 on 9 of 10 obs.

• APR 22, 1985 09h 06m 44.67± 0.82s
0.066 S ±13.4km 124.906 E ±14.0km
DEPTH = 33.0km (normal)
4.8mb (5 obs.)
MOLUCCA SEA (269)

AAI 4.87 138 eP 07 57.00 -0.6
MKS 7.46 227 iPc 08 33.40 -0.6
e(S) 09 56.00
KNA 16.04 166 eP 10 35.00 5.4X
WRA 21.81 155 Pd 11 36.70 0.7
0.7s 39.60nm 4.9mb
WB2 21.81 155 eP 11 36.20 0.1
eS 15 45.00
ASPA 25.03 160 iPd 12 11.20 3.7X
PSI 26.12 276 ePd 12 26.30 8.7X
0.6s 9.80nm 4.6mb
MRWA 30.21 196 iPd 13 01.50 7.0X
PKI 46.81 309 eP 15 13.10 -0.6
0.5s 5.00nm 4.8mb
KKN 47.01 309 eP 15 13.80 -1.4
0.6s 5.00nm 4.7mb
DMN 47.06 309 eP 15 16.00 0.3
0.7s 11.00nm 5.0mb
GBA 48.93 288 P 15 32.00 2.0
SBA 80.86 172 eP 18 56.50 0.2
e 48 59.80
ALQ 120.90 48 ePKP 25 27.30 -8.8X
0.8s 1.49nm
JCT 127.89 50 iPKP 25 45.00 -4.4X
S.D. = 1.1 on 9 of 15 obs.

% APR 22, 1985 09h 07m 51.77± 2.56s
39.655 N ±22.8km 29.506 E ±13.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.68 266 ePg 08 06.80 1.5
eSg 08 16.30
GPA 0.88 44 ePn 08 08.60 -0.2
YLV 0.92 354 iPn 08 09.60 0.3
KCT 1.06 304 iPn 08 12.10 0.3
TTK 1.13 276 iPn 08 11.10 -1.9
S.D. = 1.7 on 5 of 5 obs.

APR 22, 1985 09h 36m 54.47± 1.09s
0.045 N ± 4.3km 124.258 E ± 6.3km
DEPTH = 113.0 ± 10.6 km
5.4mb (18 obs.)
MINAHASSA PENINSULA (265)

AAI 5.41 133 ePd 38 12.30 -1.8
eS 39 21.80
DAV 7.12 11 eP 38 43.00 5.4X
eS 40 06.00
KKM 10.00 307 ePc 39 18.50 1.9
0.5s 127.70nm 6.0mb
e 39 41.40
PLP 11.07 4 eP 39 37.60 6.9X
MTN 14.51 152 eP 40 17.00 1.4
KNA 16.31 164 eP 40 38.00 -0.3
JAY 16.64 99 ePc 40 39.80 -2.6X
BAG 16.66 348 eP 40 44.00 1.2
eS 43 50.00
KGM 21.03 275 ePd 41 32.50 1.6
MBL 21.51 191 eP 41 35.00 -0.7
0.5s 123.00nm 5.5mb
WB2 22.19 154 eP 41 41.20 -1.2
eScP 44 41.70
eS 46 12.00
QIZ 23.58 324 eP 41 57.20 1.3
PPI 23.87 269 ePd 41 59.50 0.8
0.8s 103.80nm 5.3mb
NAU 24.02 200 eP 42 00.00 -0.1
HKC 24.21 337 eP 42 02.10 0.2
GZH 25.24 336 P 42 13.60 2.0
ASPA 25.36 159 iPc 42 12.30 -0.5
PSI 25.46 276 ePd 42 13.30 -0.4
0.8s 54.40nm 5.1mb
TSI 25.91 278 e(P) 42 16.00 -1.8
MEK 27.07 191 iPc 42 26.80 -1.6
0.5s 16.00nm 4.8mb
LOE 28.10 309 eP 42 37.00 -0.7
NST 28.43 304 eP 42 41.70 1.0
MRWA 30.15 194 eP 42 54.00 -1.9
CHG 31.07 308 iPc 43 04.50 0.3
1.0s 95.00nm 5.5mb
eS 52 08.00
GYA 31.26 329 Pc 43 07.00 1.2
PcP 45 59.00
WHN 31.76 344 P 43 11.00 1.1
KMI 32.47 322 eP 43 18.50 2.0
MUN 32.75 193 eP 43 17.00 -1.6
NWAO 33.46 191 iPc 43 23.70 -1.0
SHK 35.20 12 eP 43 37.60 -2.0
STK 35.74 154 iPd 43 44.40 0.2
CDZ 36.35 329 iPd 43 50.60 1.3
TIA 36.59 350 eP 43 50.30 -1.0
XAN 36.75 338 P 43 52.40 -0.3
HNR 36.75 106 eP 43 54.00 1.1
ADE 37.36 160 iPc 43 58.10 0.3
0.7s 39.73nm 5.4mb
OYM 37.87 20 eP 44 01.10 -1.0
SRY 38.05 20 eP 44 02.10 -1.4
DDR 38.37 20 eP 44 06.30 0.0
MAT 38.55 18 iPc 44 07.70 -0.1
1.0s 86.00nm 5.5mb
TSK 38.88 21 eP 44 08.00 -2.5
TIY 39.04 345 eP 44 11.90 0.0
SHL 40.26 312 eP 44 21.80 -0.4
BJI 40.48 350 eP 44 23.50 -0.1
LZH 40.57 334 eP 44 24.50 -0.1
1.5s 92.00nm 5.3mb
YOU 40.95 149 iPc 44 29.20 1.7
SNY 41.60 359 iPd 44 32.60 0.0
CAN 42.08 149 iPc 44 38.50 1.7
eTT 45 03.30
HHC 42.22 346 eP 44 37.60 -0.4
TOO 42.25 155 iPc 44 39.60 1.4
WAM 42.70 150 iPc 44 43.50 1.7
e 45 08.50
LSA 43.18 316 Pc 44 47.60 1.2
CN2 43.58 1 P 44 47.40 -1.4
PcP 46 35.20
GTA 45.11 333 P 45 01.70 0.4
PKI 46.23 310 eP 45 10.40 -0.2
0.7s 26.00nm 5.1mb
KKN 46.44 310 eP 45 11.80 -0.3
DMN 46.49 309 eP 45 12.60 0.1
HYB 48.17 293 ePc 45 23.40 -2.1
0.9s 83.30nm 5.6mb
POO 52.78 293 iPd 45 58.50 -2.0
NDI 53.19 307 iPd 46 00.70 -2.6
0.4s 29.66nm 5.6mb
WMQ 54.41 328 eP 46 12.00 -0.2
IR2 76.49 307 eP 48 33.00 -1.0
AVY 77.27 251 ePd 48 38.80 0.1
MAW 79.47 200 eP 48 49.00 -0.5
NPA 85.19 255 eP 49 21.00 1.0
NAI 87.46 269 eP 49 33.00 1.5
1.0s 50.00nm 5.5mb
COL 89.08 25 eP 49 38.00 0.1
SPA 90.04 180 e(P) 49 44.20 1.7
KJF 92.82 334 iP 49 54.00 -1.1
0.5s 12.60nm 5.5mb
SOD 92.90 337 iP 49 55.00 -0.5
SUF 93.69 333 iP 49 58.10 -1.0
0.4s 8.30nm 5.4mb
INK 94.48 21 ePc 50 03.20 0.5
BUL 95.32 250 iPc 50 08.00 0.3
ipP 50 37.00 109kmX
HFS 100.09 332 ePdiff 50 26.70 -1.6
0.5s 3.80nm 5.3mb
DAG 100.56 352 iPdiff 50 29.00 -1.0
1.0s 11.00nm 5.4mb
NB2 100.94 333 Pdiff 50 30.40 -1.7
0.8s 3.10nm 5.0mb
YKA 103.85 24 ePdiff 50 48.70 3.8X
FFC 113.62 27 ePKP 55 22.00 1.0
0.7s 8.00nm
FRB 115.66 6 ePKP 55 25.00 0.4
BDW 115.73 41 ePKP 55 26.10 0.4
1.0s 3.20nm
ALQ 121.31 48 ePKP 55 38.20 1.6
1.0s 10.00nm
LHC 123.70 26 ePKP 55 39 00 -1.4
SCH 124.57 8 ePKP 55 43.00 1.0
JCT 128.32 50 iPKP 55 50.00 0.0
TUL 128.39 42 ePKP 55 51.80 1.9
1.2s 24.00nm
KIC 128.71 278 ePKP 55 51.70 0.6
RLO 128.75 41 ePKPc 55 52.40 1.8
TACH 143.65 158 ePKP 56 17.50 -0.7
PEL 144.20 158 iPKPc 56 08.80 -10.4X
JACH 144.64 158 iPKPd 56 20.50 0.4
MDZ 145.08 161 ePKP 56 20.80 0.1
TCA 147.77 166 ePKPd 56 29.60 4.4X
YJA 156.04 157 ePKPd 56 41.40 3.5X
LPB 159.58 144 ePKP 56 46.00 3.8X
CCH 159.96 150 ePKP 56 26.00 -16.4X
S.D. = 1.2 on 86 of 95 obs.

APR 22, 1985 10h 01m 43.56± 0.60s
39.651 N ± 7.0km 20.844 E ± 5.1km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

KZN 0.97 47 iPgd 02 00.50 -1.5
LIT 1.34 70 ePn 02 08.00 -0.3
eSn 02 31.90
OHR 1.46 359 iPn 02 09.60 -0.4
VLS 1.49 188 ePn 02 10.50 0.2
eSn 02 34.00
GRG 1.77 42 ePnc 02 14.10 -0.3
eSn 02 43.30
VAY 2.13 38 iPn 02 19.50 0.0
KNT 2.18 45 ePn 02 20.00 -0.3
SOH 2.25 58 ePn 02 21.30 -0.1
LCI 2.32 288 ePn 02 21.50 -0.9
eSn 02 55.00
SKO 2.36 11 iPn 02 25.00 2.0
eSn 02 51.50
OUR 2.51 73 ePn 02 25.40 0.4
eSn 02 58.30
SRS 2.56 54 ePnd 02 25.80 0.0
MMB 2.93 48 ePc 02 32.00 1.0
Sg 03 09.00
BRT 3.04 295 ePn 02 37.50 4.9X
e(Sn) 03 10.50
ORI 3.41 278 e(Pn) 02 38.00 0.2
eSn 03 01.70
VTS 3.44 30 iP 02 38.00 -0.2
KDZ 3.96 58 iP 02 46.00 0.3
SGO 4.34 284 e(Pn) 02 46.00 -5.0X
PVL 4.77 42 eP 03 01.00 3.8X
KHC 10.80 334 P 04 06.80 -14.5X
S.D. = 0.8 on 16 of 20 obs.

• APR 22, 1985 11h 02m 39.86± 0.71s
39.770 N ± 9.8km 118.656 E ± 8.3km
DEPTH = 33.0km (normal)
NORTHEASTERN CHINA (658)

BJI 1.93 279 iPnc 03 10.80 -0.1
Pg 03 15.00
Sg 03 41.00
DL2 2.46 110 Pn 03 17.00 -1.5
Pg 03 18.60
Sg 03 44.30
TIA 3.75 199 ePn 03 35.40 -1.4
ePg 03 49.80
SNY 4.26 60 ePn 03 43.10 -1.0
ePg 03 56.10
Sn 04 28.40
Sg 04 52.30
TIY 5.28 249 ePn 03 58.40 -0.2
Pg 04 15.10
CN2 6.48 49 Pn 04 16.40 1.0
Pg 04 34.80
BTO 6.67 280 eP 04 39.50 21.4X
SSE 8.90 166 e(P) 04 51.30 2.2
XAN 9.66 237 eP 05 31.00 31.3X
GTA 14.54 275 eP 06 14.40 9.2X
GYA 16.62 221 eP 06 37.00 4.9X
COL 56.23 31 eP 12 19.00 0.3
YKA 69.50 23 eP 13 46.80 0.2
S.D. = 1.4 on 9 of 13 obs.

• APR 22, 1985 11h 19m 48.46± 1.76s
9.723 N ± 8.3km 126.812 E ±14.2km
DEPTH = 49.9 ± 16.2 km
5.0mb (5 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

PLP 2.30 309 iPd 20 24.00 -0.7
iS 20 52.00
DAV 2.89 205 eP 20 34.00 0.9

			eS	21	13.00	
GUA	18.13	76	e(P)	23	48.30	-10.1X
JAY	18.42	131	ePd	24	01.00	-1.0
SSE	21.90	347	eP	24	39.50	0.5
			eS	28	44.00	
			esS	28	52.00	
MTN	22.83	169	eP	24	50.00	1.7
WHN	23.75	332	P	24	59.00	1.9
KGM	24.57	253	ePc	25	05.20	-0.1
IPM	26.08	261	ePd	25	20.00	0.5
XAN	29.25	329	eP	25	45.80	-2.2
WB2	30.40	166	eP	26	03.00	4.6X
BJI	31.64	344	P	26	13.50	4.5X
HHC	33.81	339	eP	26	27.80	-0.3
MRWA	40.09	195	eP	27	20.00	-1.0
MUN	42.69	193	eP	27	41.00	-1.2
NWAO	43.38	192	eP	27	48.00	0.2
YOU	48.31	156	eP	28	28.00	1.1
CAN	49.47	156	eP	28	34.40	-1.5
INK	84.61	22	eP	32	19.00	1.5
SOD	84.99	338	eP	32	22.00	2.5
KJF	85.26	334	iP	32	21.10	0.3
	0.6s		10.40nm			5.2mb
SUF	86.28	333	iP	32	26.50	0.6
	0.4s		3.30nm			4.9mb
NUR	87.53	331	eP	32	32.32	0.3
UPP	91.07	332	iP	32	51.20	2.6X
DAG	91.38	353	iPd	32	49.70	-0.1
	0.5s		7.75nm			5.4mb
HFS	92.78	333	ePKP	32	55.40	-1.2
	0.5s		1.90nm			4.8mb
NB2	93.48	334	P	32	57.20	-2.7
	0.8s		2.50nm			4.7mb
YKA	94.04	24	eP	33	05.40	3.1X
	S.D. = 1.4		an 23 of 28 obs.			

APR 22, 1985 11h 25m 12.85± 0.94s
42.550 N ± 9.4km 7.850 E ± 5.5km
DEPTH = 33.0km (normal)
WESTERN MEDITERRANEAN SEA (387)
ML 3.8 (LDG).

CVF	0.75	88	Pg	25	27.50	0.4
FRF	1.34	319	Pn	25	36.50	1.1
			Sn	25	52.10	
LRG	1.42	310	Pn	25	38.10	1.6
			Sn	25	54.70	
SAL	3.61	31	e(Pn)	26	47.00	39.2X
CTI	4.43	37	e(Pn)	26	25.50	5.9X
			eSn	27	07.00	
PLDF	4.57	320	ePnc	26	21.80	0.2
PYM	4.73	314	iPnc	26	24.10	0.3
CAF	4.82	301	Pn	26	25.10	0.1
			Sn	27	15.30	
SMF	5.00	326	Pn	26	27.70	0.2
			Sn	27	20.60	
LBF	5.22	329	Pn	26	30.70	0.0
			Sn	27	24.70	
MZF	5.26	316	Pn	26	31.20	0.0
LPO	5.29	296	Pn	26	31.70	0.1
			Sn	27	26.90	
AVF	5.32	324	Pn	26	32.40	0.5
BSF	5.33	352	Pn	26	32.50	0.2
RJF	5.34	303	Pn	26	32.30	0.0
			Sn	27	29.10	
BGF	5.37	320	Pn	26	33.20	0.5
			Sn	27	30.30	
SSF	5.47	327	Pn	26	34.70	0.6
TCF	5.50	315	Pn	26	34.80	0.2
LOR	5.50	330	Pn	26	34.70	0.1
			Sn	27	32.60	
EPF	5.55	278	Pn	26	33.90	-1.4
			Sn	27	33.20	
HAU	5.56	350	Pn	26	34.00	-1.4
			Sn	27	33.60	
LFF	5.68	297	Pn	26	37.40	0.3
GRC	5.83	326	iPnd	26	39.60	0.4
LSF	5.85	311	Pn	26	39.30	-0.2
GWF	6.43	359	ePn	26	46.80	-0.9
MFF	7.00	308	Pn	26	55.60	0.0
LDF	8.23	320	Pn	27	12.60	-0.2
LPF	8.32	314	Pn	27	13.90	-0.2
GRR	8.45	317	Pn	27	14.00	-1.9
FLN	8.52	320	Pn	27	16 10	-0.7
	S.D. = 0.8		an 28 of 30 obs.			

APR 22, 1985 11h 57m 01.22± 0.51s
39.650 N ± 7.4km 118.786 E ± 5.7km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
NORTHEASTERN CHINA (658)

BJI	2.05	282	iPnd	57	33.20	-0.8
			Pg	57	36.20	
			Sg	58	01.50	
DL2	2.33	108	Pnc	57	38.30	0.3
			Pg	57	40.20	
			Sg	58	05.80	
TIA	3.68	201	Pnc	57	56.30	-0.8
			Pg	58	07.00	
			Sg	58	50.60	
SNY	4.24	58	ePn	58	04.40	-0.7
			Pg	58	21.80	
			Sn	58	51.30	
			Sg	59	13.80	
TIY	5.33	251	ePn	58	20.40	-0.3
			Pg	58	36.90	
			Sn	59	19.00	
			Sg	59	42.20	
HHC	5.65	285	Pg	58	40.60	15.3X
			Sg	59	55.20	
CN2	6.48	48	Pn	58	36.80	0.0
			Sn	59	51.60	
SSE	8.76	166	eP	59	09.00	0.5
GTA	14.65	275	eP	00	29.40	1.4
MAT	15.60	95	(P)	00	46.00	5.7X
GYA	16.60	221	eP	01	01.00	7.9X
WMO	23.50	290	eP	02	15.20	6.3X
COL	56.28	31	eP	06	41.00	0.6
WRA	61.04	163	P	07	18.00	4.0X
	0.7s		0.80nm			4.0mb
YKA	69.57	23	eP	08	08.20	-0.2
	S.D. = 0.8		an 10 of 15 obs.			

APR 22, 1985 13h 32m 49.61± 1.05s
18.415 N ± 6.0km 145.911 E ± 7.6km
DEPTH = 164.8 ± 10.1 km
4.9mb (14 obs.)
MARIANA ISLANDS (216)

PJG	4.90	192	eP	34	02.80	0.0
GUMO	4.90	192	eP	34	03.50	0.7
			eS	34	59.00	
GUA	4.94	191	eP	34	02.70	-0.6
	0.8s		185.07nm			
MAT	19.29	341	iPd	36	59.80	-4.3X
	0 8s		8.96nm			4.2mb.
			eS	40	30.00	
MOM	20.38	176	eP	37	16.00	0.8
JAY	21.42	194	ePd	37	24.50	-1.1
SSE	25.69	304	P	38	06.80	0.7
			pP	38	35.50	138kmX
BJI	33.48	316	P	39	13.00	-2.0
MTN	34.31	206	eP	39	22 00	-0.3
	0.6s		114.00nm			5.7mb
GYA	37.04	290	eP	39	46.40	1.0
KNA	37.92	208	iPd	39	52.70	0.1
WB2	39.77	197	iPc	40	07.90	-0.1
			eS	45	37.50	
			eScP	45	45.30	
CD2	40.05	296	eP	40	10.80	0.5
TRT	41.85	235	iPd	40	26.00	0.9
ASPA	43.44	196	iPd	40	38.30	0.4
	0.5s		41.00nm			5.3mb
RMO	44.72	176	eP	40	48.00	0.0
IPM	45.94	258	ePd	40	59.90	2.0
MBL	46.90	214	iPc	41	05.30	0.0
	0.4s		42.00nm			5.4mb
NAU	50.41	217	iPc	41	32.70	0.5
	0.3s		23.00nm			5.3mb
MEK	52.05	211	eP	41	44.00	-0.6
WMO	54.65	311	eP	42	03.00	-0.6
MRWA	55.47	212	iPd	42	09.10	-0.3
	0.4s		14.00nm			5.1mb
KLB	56.59	209	eP	42	16.00	-1.4
MUN	57.63	210	iPc	42	24.10	-0.6
	0.4s		6.00nm			4.8mb
NWAO	57.95	208	eP	42	26.00	-0.9
COL	63.46	26	eP	43	02.00	-1.7
	0.8s		10.07nm			4.8mb
INK	69.56	23	iPd	43	40.20	-1.8
			pP	44	15 00	143kmX
YKA	78 14	28	eP	44	31 60	0.0
YKC	78.21	28	ePd	44	31.50	-0.4

	0.6s		7.00nm			4.6mb
ALE	78.39	4	ePd	44	32.40	-0.3
	0.6s		6.00nm			4.5mb
PNT	79.11	42	eP	44	37.00	-0.2
NEW	80.99	42	eP	44	48.00	0.8
			e	45	23.00	
JAS1	81.71	53	eP	44	52.50	1.4
BMN	83.33	50	iP	45	01.00	1.4
	1.0s		3.00nm			4.0mb
			i	45	36.20	
SES	84.03	39	ePd	45	03.00	0.3
			pP	45	38.00	138kmX
CLC	84.51	54	eP	45	06.00	0.6
			e	45	42.00	
EUR	84.54	50	iP	45	07.00	1.2
	0.2s		13.40nm			5.4mb
GSC	85.29	54	eP	45	09.00	-0.4
			e	45	46.00	
FFC	87.22	33	iPc	45	18.60	0.3
	1.1s		13.00nm			4.8mb
GLA	87.59	56	eP	45	21.00	0.5
			e	45	57.00	
BDW	87.87	46	eP	45	20.50	-1.5
ALQ	93.28	52	eP	45	48.00	0.8
	1.0s		5.25nm			4.7mb
			e	46	24.00	
PEL	144.13	121	iPKPc	52	07.60	-0.1
LPB	147.53	92	ePKP	52	20.00	5.8X
CCH	149.50	93	PKP	52	22.60	5.5X
	S.D. = 0.9		on 42 of 45 abs.			

? APR 22, 1985 13h 38m 55.02± 9.33s
17.419 N ±24.6km 101.253 W ±82.9km
DEPTH = 33.0km (normal)
NEAR COAST OF GUERRERO, MEXICO (58)

ACX	1.44	112	ePc	39	19.00	-0.1
			iS	39	37.10	
III	1.95	60	iPc	39	26.30	-0.3
			iS	39	55.60	
CRX	2.48	37	eP	39	34.60	0.4
IIP	2.93	49	eP	39	41.20	0.5
IIC	3.01	39	iP	39	41.00	-0.8
	S.D. = 0.7		an 5 of 5 abs.			

% APR 22, 1985 14h 43m 44.79± 0.89s
40.205 N ± 8.9km 29.935 E ± 7.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA	0.30	74	iPg	43	51.60	0 6
			iSg	43	58.20	
YLV	0.56	310	iPg	43	54.80	-1 4
			iSg	44	03.30	
ISK	1.09	323	iPn	44	05.30	0.1
ALT	1.16	173	iPn	44	05.50	-1.0
KCT	1.21	273	iPn	44	07.80	0.5
TTK	1.52	254	iPn	44	13.30	1.3
	S.D. = 1.3		an 6 of 6 abs.			

? APR 22, 1985 15h 28m 19.67± 4.08s
45.353 N ±12.9km 25.138 E ±32.9km
DEPTH = 10.0km (geophysicist)
ROMANIA (358)

CMP	0.11	220	iPc	28	14.00	-8.6X
MLR	0.58	76	iPc	28	30.00	-1.6
ISR	1.02	102	ePd	28	40.00	1.1
VRI	1.23	65	iPc	28	43.00	0.5
CGN	1.34	152	iPc	28	44.00	-0.3
BRD	1.36	82	eP	28	47.00	2.4X
CLI	1.92	51	eP	28	53.00	0.3
CFR	2.14	93	eP	28	59.00	3.2X
TLB	2.19	109	eP	29	01.00	4.4X
	S.D. = 1.4		an 5 of 9 abs.			

& APR 22, 1985 16h 11m 27.33s
60.690 N 152.595 W
DEPTH = 91.2km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.14	310	iP	11	40.09	1.2
			eS	11	50.83	
RDT	0.49	11	iP	11	42.07	-0.4
			eS	11	53.61	
PDB	0.86	250	iP	11	45.23	-0 6

22d 16h

		eS	11	58.29		
BRLK	0.92	110 iP	11	45.96	-0.6	
		eS	12	00.35		
NKA	0.94	45 iP	11	47.84	1.2	
SPU	1.13	13 iP	11	48.14	-0.8	
		eS	12	04.25		
CRP	1.20	10 iP	11	49.22	-0.7	
		eS	12	06.56		
SLKM	1.25	69 iP	11	49.03	-1.4	
		eS	12	06.81		
CGLM	1.26	13 iP	11	49.79	-0.8	
		eS	12	07.23		
SEW	1.58	88 eP	11	52.67	-1.8	
MPA	1.66	75 iP	11	54.17	-1.4	
		eS	12	15.26		
SVW	1.81	306 eP	11	56.02	-1.6	
PMS	1.89	51 iP	11	57.21	-1.5	
PTE	1.93	65 iP	11	57.08	-2.1	
PWA	2.05	39 eP	11	59.41	-1.4	
		eS	12	25.01		
PLRM	2.27	47 eP	12	01.31	-2.4	
		eS	12	28.04		
PME	2.33	47 eP	12	02.24	-2.3	
KDC	2.35	179 eP	12	02.12	-2.7	
KNK	2.43	55 iP	12	03.34	-2.6	
GHO	2.46	45 iP	12	04.01	-2.4	
MSE	2.49	14 iP	12	04.27	-2.6	
SML	2.70	48 iP	12	06.99	-2.7	
GLI	2.84	71 eP	12	07.75	-3.7	
TTV	2.87	68 eP	12	08.62	-3.3	
HIN	3.05	82 eP	12	11.80	-2.7	
FID	3.10	75 iP	12	10.85	-4.3	
VZW	3.14	69 eP	12	12.00	-3.6	
VLZ	3.26	69 eP	12	13.98	-3.2	
KLU	3.56	64 iP	12	18.16	-3.4	
SGAM	3.70	80 eP	12	20.88	-2.5	
TOA	3.72	54 eP	12	21.27	-2.4	
KMP	3.97	66 eP	12	23.65	-3.5	
COL	5 31	23 eP	12	43.00	-2.7	
		eS	13	38.00		
YKA	18.23	66 eP	15	31.80	-3.5	

34 obs. associated

& APR 22, 1985 17h 34m 56.40s
37.127 N 121.542 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.9 (BRK).
Mo=1.2*10**20 (BRK).

ARN	0.22	2 iPc	35	01.00	0.1	
MHC	0.23	340 iPd	35	01.30	0.2	
SLD	0.26	101 iPd	35	01.60	-0.1	
SAO	0.37	168 iPd	35	04.20	0.4	
GCC	0.38	255 iPc	35	04.15	0.2	
		iS	35	10.20		
LLA	0.70	137 iPc	35	09.40	-1.0	
		eS	35	20.50		
PCC	0.77	299 eP	35	10.70	-1.0	
PRS	0.81	170 ePc	35	11.80	-0.7	
BKS	0.93	324 ePd	35	13.80	-0.8	
		eS	35	27.50		
BRK	0.94	323 ePd	35	14.20	-0.5	
JAS1	1.20	48 ePd	35	17.90	-1.3	
		iS	35	32.80		
PRI	1.21	144 ePc	35	18.80	-0.7	
		iSg	35	40.30		
FRI	1.47	95 ePd	35	22.00	-1.6	
ORV	2.42	1 eP	35	37.80	0.5	
MIN	3.21	359 eP	35	49.00	0.4	

15 obs. associated

& APR 22, 1985 17h 50m 19.79s
60.910 N 151.751 W
DEPTH = 84.0km
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

NKA	0.30	123 iP	50	34.08	1.4	
SPU	0.31	332 iP	50	32.32	-0.5	
CRP	0.41	331 iP	50	33.19	-0.4	
		eS	50	43.74		
CGLM	0.42	343 iP	50	33.02	-0.6	
RDT	0.47	224 iP	50	33.44	-0.5	
		eS	50	44.70		
SUA	0.74	41 iP	50	36.33	-0.2	
		eS	50	48.84		
SLKM	0.85	118 iP	50	37.16	-0.5	
ILM	0.90	216 iP	50	37.56	-0.6	
SKT	1.08	6 iP	50	39.52	-0.8	
PMS	1.12	72 iP	50	40.40	-0.4	
PWA	1.17	50 iP	50	41.05	-0.4	
BRLK	1.23	159 iP	50	41.29	-0.9	
MPA	1.25	109 iP	50	41.56	-0.8	
PTE	1.33	91 iP	50	42.32	-1.1	
		eS	51	00.50		
SEW	1.40	124 iP	50	42.95	-1.3	
PLRM	1.44	60 iP	50	43.46	-1.4	
PME	1.50	60 eP	50	44.41	-1.2	
GHO	1.61	56 iP	50	46.06	-1.2	
MSE	1.63	54 eP	50	46.15	-1.4	
		eS	51	05.96		
PDB	1.66	228 iP	50	46.53	-1.2	
		eS	51	07.45		
KNK	1.68	71 iP	50	46.52	-1.5	
AUH	1.77	209 eP	50	49.02	-0.3	
SML	1.88	60 eP	50	49.11	-1.6	
SVW	1.90	278 iP	50	49.35	-1.6	
		eS	51	12.18		
TTV	2.26	84 iP	50	53.74	-2.2	
GLI	2.28	89 iP	50	53.22	-2.9	
SCM	2.32	65 eP	50	55.02	-1.8	
VZW	2.54	84 iP	50	56.95	-2.8	
FID	2.59	91 iP	50	56 63	-3.7	
HIN	2.64	99 eP	50	57.92	-3.1	
VLZ	2.65	83 iP	50	58.51	-2.6	
TTA	2.86	317 iP	51	02.68	-1.5	
KLU	2.88	76 iP	51	01.92	-2.6	
TOA	2.93	63 eP	51	04.11	-1.0	
KDC	3.19	187 eP	51	05.88	-2.8	
SGAM	3.24	94 eP	51	05.86	-3.6	
KMP	3.31	77 eP	51	07.62	-2.8	
COL	4.39	23 iP	51	22.60	-2.9	
	0.6s	60.00nm				
BALM	4.59	84 eP	51	24.73	-3.5	
DWY	6.52	56 P	51	52.00	-2.9	
INK	10.74	39 eP	52	48.00	-4.3	
YKA	17.53	69 eP	54	18.30	-1.4	
MBC	18.94	23 eP	54	32.00	-4.3	

43 obs. associated

& APR 22, 1985 18h 02m 05.60s
62.232 N 151.240 W
DEPTH = 81.1km
CENTRAL ALASKA (1)
<AGS-P>.

SKT	0.29	208 iP	02	17.54	-0.6	
		iS	02	26.86		
SUA	0.81	163 iP	02	22.23	-0.6	
		eS	02	35.82		
PWA	0.87	132 iP	02	22.61	-0.8	
CGLM	1.00	202 iP	02	24.29	-0.7	
CRP	1.06	205 iP	02	25.36	-0.6	
		eS	02	40.88		
SPU	1.12	201 iP	02	25.89	-0.7	
		eS	02	41.48		
MSE	1.14	109 iP	02	26.54	-0.3	
GHO	1.19	112 eP	02	26.69	-0.7	
		eS	02	43.64		
PLRM	1.19	122 eP	02	26.14	-1.1	
		eS	02	43.18		
PME	1.21	119 eP	02	26.66	-0.9	
PMS	1.27	140 eP	02	27.63	-0.8	
		eS	02	44.71		
SML	1.44	106 eP	02	29.60	-1.0	
NKA	1.49	180 eP	02	32.79	1.5	
KNK	1.56	121 eP	02	30.78	-1.4	
		eS	02	50.06		
PTE	1.73	141 eP	02	32.92	-1.5	
		eS	02	54.20		
RDT	1.76	199 eP	02	34.13	-0.7	
		eS	02	56.75		
SLKM	1.80	164 eP	02	34.88	-0.5	
MPA	1.97	152 eP	02	36.25	-1.4	
		eS	02	58.89		
ILM	2.19	201 eP	02	39.89	-0.9	
TTV	2.29	119 eP	02	44.69	2.6	
SVW	2.37	244 eP	02	42.48	-0.8	
GLI	2.40	123 eP	02	41.64	-2.0	
BRLK	2.48	176 eP	02	45 65	0.9	
KLU	2.63	104 eP	02	44 46	-2.3	
FID	2.72	121 eP	02	45.04	-3.0	
PDB	2.84	212 eP	02	48.99	-0.6	

26 obs. associated

? APR 22, 1985 18h 41m 27.74± 3.35s
33.957 S ±13.2km 71.586 W ±32.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.15	90 iPc	41	33.30	-0.5	
		iS	41	43.60		
TACH	0.62	61 iPc	41	40.20	0.1	
		iS	41	57.50		
PEL	1.11	43 iP	41	47.60	0.6	
		iS	42	08.90		
FCH	1.25	60 iPc	41	50.00	0.7	
MDZ	2.53	66 eP	42	13.80	6.4X	
		e	42	17.50		
		e	42	58.50		
RFA	2.71	108 ePd	42	11.00	1.1	
		S	43	05.80		
TCA	6.45	68 ePd	43	01.20	-1.8	
		S	44	30.90		
VBA	8.79	120 ePc	43	35.30	-0.3	
SLA	10.62	32 e(P)	44	14.00	13.2X	

S.D. = 1.2 on 7 of 9 obs.

• APR 22, 1985 19h 06m 36.27± 1.73s
0.221 N ±15.8km 98.537 E ±18.6km
DEPTH = 91.3 ± 18.9 km
NORTHERN SUMATERA (706)

PPI	1.98	110 iPd	07	08.70	-0.1	
		iS	07	28.50		
PSI	2.49	9 iPd	07	15.70	0.1	
		iS	07	23.00		
TSI	3.26	0 ePc	07	26.70	0.5	
IPM	4.99	30 iPd	07	49.90	-0.4	
		e	08	22.90		
		e	09	13.70		
BSI	6.15	329 iP	08	06.00	-0.3	
WB2	40.40	122 eP	14	07.30	0.1	
BJI	42.77	20 eP	14	30.50	4.2X	

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

? APR 22, 1985 19h 20m 19.43± 3.69s
33.953 S ±18.9km 71.579 W ±35.3km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.14	91 iPc	20	25.00	-0.5	
		iS	20	36.50		
TACH	0.61	61 iPc	20	32.00	0.3	
		iS	20	46.30		
PEL	1.10	43 iPc	20	39.40	0.8	
		iS	20	59.80		
FCH	1.24	60 iPc	20	41.50	0.6	
MDZ	2.52	66 eP	21	07.00	8.0X	
		eS	21	51.20		
RFA	2.70	108 ePc	21	02.40	0.9	
		S	21	53.40		
TCA	6.44	68 ePc	21	52.40	-2.2	

S.D. = 1.5 on 6 of 7 obs.

? APR 22, 1985 19h 28m 03.99± 3.94s
33.651 S ±13.9km 71.611 W ±37.1km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.35	151 iPc	28	11.60	-0.7	
TACH	0.56	90 iPc	28	14.90	-0.6	
PEL	0.93	57 iPd	28	20.50	-0.2	
FCH	1.15	74 iPd	28	24.50	0.4	
JACH	1.29	42 iPc	28	27.10	1.2	
MDZ	2.44	72 eP	28	49.10	6.7X	
		iS	29	21.70		
RFA	2.84	114 ePc	28	50.00	2.0	
TCA	6.36	71 ePd	29	36.00	-2.0	
		S	30	42.00		

S.D. = 1.6 on 7 of 8 obs.

APR 22, 1985 20h 41m 24.18± 0.24s
59.773 N ± 3.4km 153.407 W ± 2.9km
DEPTH = 134.8 ± 2.4 km
4.5mb (10 obs.)
SOUTHERN ALASKA (2)

OPT	0.15	143 iPd	41	42.80	1.6	
AUL	0.39	182 iPd	41	43.50	0.0	

PDB 0.40 273 iP 41 42.75 -0.8
eS 41 56.10
AUH 0.41 183 eP 41 43.80 0.1
ILM 0.51 36 iP 41 44.06 0.0
RED 0.72 26 iPd 41 45.60 0.0
CDD 0.85 188 iPc 41 46.40 -0.2
HOM 0.90 97 ePc 41 47.60 0.7
RDT 0.95 31 iP 41 47.75 0.3
eS 42 04.32
CNPM 1.13 102 iPc 41 49.40 0.3
BRLK 1.28 89 iP 41 50.89 0.3
NKA 1.46 47 iP 41 54.69 2.3
SPU 1.56 25 iP 41 54.34 0.6
CRP 1.62 22 iP 41 55.45 0.9
CGLM 1.69 24 eP 41 56.05 0.8
SVW 1.73 322 iPd 41 55.10 -0.6
SLKM 1.76 64 eP 41 56.04 0.1
eS 42 21.42
SEW 2.02 79 eP 41 59.33 0.3
KDC 2.09 166 iPd 41 59.10 -0.7
SUA 2.15 37 iP 42 01.74 1.0
MPA 2.15 69 eP 42 01.26 0.6
SKT 2.40 22 eP 42 04.68 0.9
PMS 2.41 51 iP 42 04.49 0.5
PTE 2.44 61 iP 42 04.37 0.1
PWA 2.56 41 eP 42 06.16 0.3
PLRM 2.79 47 eP 42 08.30 -0.4
PMR 2.79 47 P 42 08.30 -0.4
PME 2.84 47 iPc 42 09.20 -0.3
KNK 2.94 54 iP 42 10.60 -0.3
GHO 2.98 46 iP 42 11.02 -0.3
MSE 3.00 44 iP 42 11.25 -0.5
CFI 3.13 61 iP 42 12.59 -0.6
SML 3.22 48 iP 42 14.01 -0.5
GLI 3.33 68 iP 42 15.02 -0.9
TTV 3.37 65 iP 42 16.03 -0.4
TTA 3.41 339 iPd 42 16.40 -0.6
HIN 3.52 77 eP 42 18.03 -0.4
FID 3.59 71 iP 42 18.18 -1.2
MID 3.61 92 ePc 42 20.10 0.5
SCM 3.63 53 iP 42 19.54 -0.4
VZW 3.64 66 iP 42 19.31 -0.7
VLZ 3.76 66 eP 42 21.28 -0.3
KLU 4.07 62 iP 42 25.49 -0.4
SGAM 4 17 76 eP 42 26.56 -0.5
TOA 4.23 53 iPc 42 28.20 0.2
COL 5.77 25 eP 42 47.00 -1.7
FBA 5.77 25 ePd 42 48.10 -0.6
SDN 5.85 224 e(P) 42 48.40 -1.4
IMA 6.32 359 ePd 42 56.30 0.0
PNL 7.09 85 iPc 43 06.80 0.2
DWY 7.86 51 P 43 16.50 -0.5
SIT 9.86 98 P 43 43.20 -0.5
BRW 11.66 355 iPc 44 06.10 -1.1
INK 12.14 37 eP 44 13.00 -0.5
0.5s 25.00nm 5.0mb
YKA 18.73 65 eP 45 35 10 0.5
YKC 18.80 65 ePd 45 30.70 -4.6X
0.8s 15.00nm 4.4mb
MBC 20.31 23 eP 45 50 00 -0.7
0.7s 83.00nm 5.2mb
NEW 23.90 103 P 46 27.50 1.3
0.9s 7.35nm 4.2mb
BDW 31 53 103 P 47 34.00 -1.4
0.9s 3.21nm 4.1mb
TPB 37 56 47 ePd 48 27.30 1.1
SCH 43.89 56 eP 49 19.00 0.7
MAT 48.59 273 (P) 49 56.00 0.6
1.0s 22.00nm 4.9mb
CNI 49.36 289 Pd 50 00.80 -0.4
BJI 56 64 293 eP 50 54.50 -0.4
GTA 64 39 305 P 51 47.40 -0.1
KAN 64.88 295 eP 51 49.60 -1.0
CD2 69.86 297 iPd 52 21.80 0.0
GYA 72.30 292 P 52 36.40 -0.1
KBA 72.96 9 iPd 52 42.00 1.8
0.8s 2.40nm 4.0mb
i 53 12.10
KKN 80.38 310 eP 53 22.90 1.1
0.6s 5.00nm 4.5mb
PKI 80.53 310 eP 53 23.50 0.8
0.8s 7.00nm 4.5mb
DMN 80.61 310 eP 53 24.20 1.1
0.5s 6.00nm 4.6mb
S.D. = 0.8 on 71 of 72 obs.

? APR 22, 1985 23h 38m 52.73± 0.97s
32.313 N ±19.3km 137.771 E ±16.4km
DEPTH = 400.0 ± 13.3 km
4.5mb (3 obs.)
SOUTH OF HONSHU, JAPAN (211)

OYM 3.33 21 eP 39 59.40 0.2
KYS 3.49 34 eP 40 00.70 0.1
SRY 3.52 20 eP 40 00.70 -0.1
DDR 3.86 17 eP 40 04.10 0.1
S 40 56.10
MAT 4.23 5 (P) 40 08.00 0.4
iS 41 04.60
TSK 4.34 26 eP 40 06.60 -2.0
CHG 37.31 258 eP 45 30.00 -0.1
PKI 45.26 278 eP 46 34.20 -0.2
0.6s 13.00nm 4.4mb
KKN 45.29 279 eP 46 34.60 0.0
0.8s 32.00nm 4.7mb
DMN 45.50 278 eP 46 36.20 0.0
0.4s 8.00nm 4.4mb
WB2 52.06 184 eP 47 25.10 -0.3
YKA 69.38 28 eP 49 21.70 1.8
S.D. = 1.0 on 12 of 12 obs.

? APR 22, 1985 23h 53m 28.10± 8.74s
39.396 N ±59.1km 24.072 E ±38.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PAIG 0.61 330 ePgc 53 40.30 -0.1
OUR 0.94 356 iPgc 53 46.20 0.2
eSg 53 52.10
THE 1.50 326 ePgc 53 55.20 0.2
SOH 1.53 339 ePgd 53 54.50 -1.0
eSg 54 06.70
SRS 1.76 348 ePb 53 58.90 0.1
eSb 54 15.00
KNT 1.98 333 ePb 54 02.60 0.6
S.D. = 0.7 on 6 of 6 obs.

APR 23, 1985 00h 24m 35.70± 0.51s
42.069 N ± 5.5km 19.990 E ± 4.4km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.1 (TTG).

ULC 0.56 259 iPg 24 47.20 0.1
iSg 24 56.80
TTG 0.65 304 iPg 24 47.80 -0.9
iSg 25 00.00
IVA 0.81 355 ePg 24 51.00 -0.4
eSg 25 03.00
BDV 0.89 284 iPg 24 53.10 0.3
eSg 25 07.00
SKO 1.08 95 iPg 24 56.00 -0.1
iSg 25 11.50
OHR 1.13 147 iPg 24 55.90 -1.1
iSg 25 12.10
HCY 1.17 289 ePg 24 57.70 0.2
eSg 25 17.00
PLE 1.33 341 ePg 25 00.00 -0.4
eSg 25 20.50
BRY 1.35 308 ePn 25 00.70 0.0
eSn 25 25.00
LCI 2.32 222 e(Pn) 25 16.00 1.6
BRT 2.41 241 ePn 25 19.00 3.3X
e(Sn) 25 44.50
VTS 2.44 76 iP 25 17.00 0.8
iS 25 52.00
MMB 2.83 98 ePd 25 29.00 7.1X
eS 26 15.00
ORI 3.35 234 ePn 25 41.00 11.9X
PVL 3.97 73 eP 25 47.00 9.0X
KDZ 4.03 94 iP 25 45.00 6.3X
DUI 4.15 266 e(Pn) 25 38.00 -2.5
AQU 4.90 276 ePn 25 52.00 0.8
MNS 5.44 276 e(Pn) 25 59.00 0.3
CEY 5.44 314 eP 26 00.20 1.4
eS 27 05.20
LJU 5.59 317 e(P) 26 09.00 8.1X
eS 27 15.80
TRI 5.79 311 eP 26 03.20 -0.4
e 27 11.70
e 27 51.20
VOY 5.91 314 ePc 26 06 10 0.6
i(S) 27 16.40
KBA 6.90 319 iPd 26 19.80 0.3
0.6s 2.30nm 4.5mb
i 26 22.60
i 33 33.50
CTI 7.20 306 e(Pn) 26 23.00 -0.7
S.D. = 1.0 on 19 of 25 obs.

• APR 23, 1985 00h 28m 55.34± 0.72s
38.148 N ±10.6km 38.166 E ± 9.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

MSL 4.35 112 eP 30 03.00 0.0
iSn 30 56.00
iS• 31 08.00
BHL 4.70 206 Pn 30 08.00 -0.1
Sn 31 30.00
RTB 5.33 160 iPnc 30 37.00 20.2X
eP• 30 47.00
iSn 31 35.50
iS• 31 50.50
iSg 32 02.00
TAB 6.44 88 eP 30 43.00 10.4X
KER 8.15 115 eP 31 13.00 16.3X
MHI 17.09 90 eP 32 46.00 -9.9X
MNS 19.88 290 e(P) 33 30.00 0.5
KBA 20.26 304 iP 33 33.50 -0.2
PRU 20.60 313 eP 33 37.50 0.5
KHC 20.81 310 P 33 38.60 -0.7
CTI 21.13 300 e(P) 33 42.50 -0.1
S.D. = 0.5 on 7 of 11 obs.

? APR 23, 1985 01h 04m 51.37± 3.65s
33.946 S ±19.1km 71.702 W ±28.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.24 92 iP 05 57.30 58.9X
TACH 0.70 66 iPc 05 04.20 -0.6
PEL 1.17 47 iPc 05 11.80 0.3
iS 05 33.30
FCH 1.33 63 iPc 05 14.10 0.0
JACH 1.57 37 iPd 05 15.70 -1.6
MDZ 2.61 67 eP 05 36.80 4.6X
i 05 41.00
iS 05 56.30
RFA 2.80 108 ePd 05 34.80 -0.1
S 06 29.80
RTCV 3.38 53 ePc 05 44.50 1 4
S 06 40.00
RTLL 3.77 47 ePd 05 49.00 0 3
(S) 06 49.60
TCA 6.54 69 ePc 06 24.20 -3 6X
S 07 55.50
SLA 10.66 32 e(P) 07 43.00 18.0X
LPB 17.64 11 P 08 57.00 0.3
S.D. = 1.0 on 8 of 12 obs.

• APR 23, 1985 01h 43m 00.12± 0.87s
19.599 S ± 7.3km 68.683 W ±12.9km
DEPTH = 151.0 ± 9.1 km
4.9mb (1 obs.)
CHILE-BOLIVIA BORDER REGION (124)

LPB 3.10 10 iPc 43 51.00 1.2
0.9s 1210.00nm
CCH 3.27 48 P 43 51.60 -0 2
ARE 4.11 319 iPc 43 56.50 -6 3X
eS 44 42.00
ANT 4.39 201 iPKP 44 06.00 -0.2
SLA 5.90 151 ePc 44 26.20 -0.3
MDZ 13.23 181 eP 46 09.90 6 6X
ITB1 14.16 113 Pc 46 20.50 5 3X
VBA 19.29 164 ePd 47 14.40 -1.3
VAO 20.51 103 iP 47 28.20 0 0
BHO 59.18 335 e(P) 52 46.30 -1 0
RLO 60.81 336 eP 52 57.30 -1 1
TUL 60.88 335 e(P) 52 58.20 -0 7
0.5s 7.30nm 4 9mb
KIC 67.98 74 iP 53 45.10 -0 2
SPA 70.52 180 e(P) 54 02.50 2 3
SCH 74.13 1 eP 54 20.50 -0 7
YKC 89.42 341 eP 55 40.50 0.0
YKA 89.47 341 eP 55 41.80 1 1
WB2 134.68 211 ePKP 02 04.30 1.2
WRA 134.69 211 PKP 02 05.00 1 9X
GBA 147.03 95 PKP 02 30.00 5 0X
0.2s 2.20nm

23d 02h

S.D. = 1.2 on 15 of 20 obs.

* APR 23, 1985 02h 53m 36.79± 1.20s
18.473 N ±11.5km 61.986 W ±15.5km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

BPA	1.42	175	eP	54 00.00	-0.6
SEG	2.11	167	eP	54 10.00	-0.5
MLG	2.41	174	eP	54 15.00	0 1
			S	54 46.00	
PAG	2.45	173	eP	54 16.00	0.6
MGG	2.62	166	eP	54 18.00	0.3
SJG	3.97	285	eP	54 37.00	0.0
YKA	56.87	334	eP	03 20.50	0.0

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

& APR 23, 1985 03h 50m 36.60s
36.497 N 121.105 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.6 (BRK).

LLA	0.18	47	iPd	50 40.20	-0.1
PRS	0.27	232	iPd	50 42.00	-0.1
SAO	0.38	314	iPc	50 43.50	-0.8
PRI	0.50	135	ePc	50 46.60	-0.1
SLD	0.58	351	eP	50 48.00	-0.3
PHAM	0.87	139	eP	50 53.60	-0.3
GCC	0.89	307	ePc	50 53.20	-1.0
			iSn	51 07.30	
ARN	0.92	338	eP	50 54.20	-0.4
MHC	0.95	333	eP	50 54.80	-0.4
FRI	1.23	66	e(P)	50 57.00	-2.8
			iS	51 14.00	
PCC	1.43	315	ePc	51 01.40	-1.8
JAS1	1.53	21	ePc	51 03.60	-1.0
WKTM	2.27	107	eP	51 14.00	-1 4

13 obs. associated

APR 23, 1985 04h 38m 14.96± 0.44s
6.594 S ± 8.2km 154.648 E ± 6.5km
DEPTH = 33 0km (normal)
4.8mb (2 obs.)
SOLOMON ISLANDS (193)
Felt (III) at Ponguno, Bougainville.

BGA	0.69	50	iPc	38 29.00	0.7
			eS	38 39.00	
PAA	0.89	71	iPc	38 31.10	0.0
			eS	38 40.00	
RAB	3.43	314	eP	39 08.00	0.5
SVO	5.71	117	eP	39 47.00	7.2X
			eS	41 01.00	
HNR	5.96	119	eP	39 50.00	6.8X
			eS	40 06.00	
PMG	7.93	249	eP	40 11.50	0.6
CTA	15.69	210	iPc	42 01.10	5.7X
	0.8s		22.76nm		4.4mb
RMQ	20.57	195	eP	42 54.00	0.3
W82	23.76	234	iPd	43 26.20	0.8
			eS	47 10.00	
ASPA	26.19	227	eP	43 48.00	-0.5
SHL	68.80	301	eP	49 19.00	0.4
PKI	74.92	301	eP	49 54.50	-0.8
	0.9s		25.00nm		5.2mb
KKN	75.09	301	eP	49 55.40	-0.8
DMN	75.19	301	eP	49 56.40	-0.4
YKA	96.14	28	eP	51 44.80	4.3X
MTD	119 11	247	ePKP	57 03.00	-0.2
BUL	120 67	242	iPKPd	57 05.70	-0.5
	0.7s		2.74nm		

S.D. = 0 6 on 13 of 17 obs.

? APR 23, 1985 05h 42m 28.47± 2.40s
5.136 S ±26.3km 144.565 E ±12.0km
DEPTH = 33.0km (normal)
PAPUA NEW GUINEA (202)

MDG	1.22	95	iP	42 49.00	-0.2
PMG	4.96	149	eP	43 42.00	-0.7
LMG	5.17	137	eP	43 46.50	0.8
WB2	17.76	213	eP	46 34.70	-0.3
			eS	49 53.20	
ASPA	21 10	208	eP	47 13.00	0.4

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

APR 23, 1985 05h 45m 47.06± 0.56s
57.053 N ± 4.2km 156.150 W ± 4.1km
DEPTH = 72.8 ± 5.3 km
4.6mb (14 obs.)
ALASKA PENINSULA (12)
Felt (III) at Chignik Lake.

KDC	2.10	69	iPd	46 20.00	-0.7
SDN	2.97	237	iPc	46 33.10	0.3
SVW	4.08	4	iPc	46 50.40	2.0
PMS	5.40	36	iPd	47 06.80	-0.1
PWA	5.62	32	eP	47 09.70	-0.1
MID	5.70	61	eP	47 10.20	-0.8
PMR	5.80	35	P	47 12.10	-0.2
PME	5.86	35	eP	47 12.50	-0.7
TTA	5.90	1	ePc	47 15.00	1.2
TOA	7.16	41	eP	47 30.80	-0.5
COL	8.85	24	eP	47 52.00	-2.4X
	0.6s		20.67nm		5.1mb
FBA	8.85	24	eP	47 52.10	-2.3X
IMA	9.12	6	eP	47 59.00	0.7
PNL	9.18	66	eP	47 56.30	-2.7X
ADK	12.99	255	eP	48 48.50	-1.4
BRW	14.31	359	eP	49 06.90	-0.1
INK	15.20	33	eP	49 18.00	-0.5
YKA	21.31	58	eP	50 29.00	-0.1
YKC	21.37	58	ePd	50 29.00	-0.7
	0.8s		7.00nm		4.1mb
PNT	22.99	94	eP	50 47.00	1.2
	0.8s		11.00nm		4.3mb
MBC	23.38	21	eP	50 49.00	-0.3
NEW	24.94	94	eP	51 05.00	0.3
FFC	29.80	71	eP	51 48.00	-0.7
HPI	29.98	98	P	51 50.90	0.2
JAS1	30 30	114	eP	51 54.10	0.9
IMW	31.02	95	P	52 00.20	0.3
EUR	31.41	107	iP	52 03.80	0.6
	0.2s		8.37nm		5.2mb
8DW	32.52	96	iP	52 12.50	-0.4
	0.9s		3.59nm		4.2mb
DAU	33.24	101	P	52 19.70	0.4
MSU	34.12	104	P	52 27.60	0.8
RSSD	34.64	89	iP	52 31.30	0.1
	0.6s		2.86nm		4.4mb
RMU	35 83	104	eP	52 41.00	-0.2
RSON	36.10	73	eP	52 43.10	-0.1
	0.5s		1.53nm		4.2mb
GLA	36.94	113	iP	52 51.00	0.5
ALQ	39.83	102	e(P)	53 14.70	-0.1
	1.0s		2.50nm		4.1mb
LHC	39.87	73	eP	53 15.50	0.8
FRB	40.51	43	eP	53 20.00	0.3
DAG	43.75	13	iPd	53 45.00	-1.0
	0.4s		36.44nm		5.6mb
RLO	45.12	91	eP	53 56.20	-1.4
LTX	45.67	104	eP	54 02.50	0.4
BHO	46.54	92	e(P)	54 08.00	-0.7
JCT	46.84	100	iP	54 11.00	-0.2
	1.0s		7.50nm		4.6mb
			e	54 40.00	
SOD	55.87	359	iP	55 18.40	-0.3
KJF	59.04	358	eP	55 41.00	0.0
SUF	60.55	359	iP	55 51.10	-0.2
	0.4s		5.80nm		5.1mb
NB2	61.83	7	P	55 59.80	-0.3
	0.7s		3.60nm		4.6mb
NUR	62.78	360	iP	56 06.00	-0.3
	0.6s		16.90nm		5.3mb
HFS	62.88	6	eP	56 06.80	-0.2
	0.6s		5.00nm		4.7mb
	Z 11s		0.15um		4.4MszX
			LR	18 53.00	
KHC	73.84	7	P	57 16.50	1.5

S.D. = 0.7 on 46 of 49 obs.

& APR 23, 1985 06h 01m 54.62s
59.340 N 153.395 W
DEPTH = 98.6km
SOUTHERN ALASKA (2)
<AGS-P>.

PDB	0.61	318	iP	02 10.54	-0.8
			iS	02 23.00	
ILM	0.89	19	iP	02 13.68	-0.4
			eS	02 27.78	
RDT	1.33	21	eP	02 18.35	-0.9
			iS	02 37.36	
BRLK	1.35	71	eP	02 18.52	-0.8
			iS	02 37.20	
KDC	1.67	163	eP	02 21.23	-2.0
NKA	1.78	37	eP	02 25.52	0.8
SPU	1.97	19	eP	02 26.22	-1.0
			eS	02 51.48	
SLKM	1.98	52	eP	02 27.01	-0.4
CRP	2.03	17	eP	02 27.28	-0.9
CGLM	2.09	19	eP	02 27.95	-1.0
SVW	2.09	329	eP	02 27.04	-1.9
SEW	2.14	67	eP	02 28.59	-0.9
MPA	2.34	59	eP	02 31.79	-0.3
SUA	2.50	31	eP	02 33.95	-0.6
PTE	2.67	53	eP	02 35.45	-1.1
PMS	2.70	43	eP	02 36.63	-0.5
			eS	03 07.38	
PLRM	3.09	41	eP	02 40.44	-1.9
KNK	3.22	48	eP	02 42.49	-1.6
SML	3.52	43	eP	02 46.05	-2.2
FID	3.75	65	eP	02 48.43	-2.9
KMP	4.68	59	eP	03 02.67	-1.6

21 obs. associated

& APR 23, 1985 06h 06m 47.87s
60.181 N 152.208 W
DEPTH = 66.4km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.30	270	iP	06 58.55	-0.3
			eS	07 07.46	
RDT	0.41	346	iP	06 59.34	-0 4
			iS	07 09.08	
NKA	0.74	40	eP	07 04.60	1.4
			iS	07 16.06	
BRLK	0.79	122	eP	07 03.36	-0.4
			eS	07 16.06	
SPU	1.01	4	iP	07 05.90	-0.7
			eS	07 20.86	
SLKM	1.04	71	eP	07 06.36	-0.7
PDB	1.07	249	eP	07 06.24	-1.1
			iS	07 20.61	
CRP	1.09	1	eP	07 07.16	-0.6
CGLM	1.13	5	iP	07 07.75	-0.6
SEW	1.38	92	eP	07 10.12	-1.4
MPA	1.45	76	eP	07 11.70	-0.7
SUA	1.47	29	eP	07 12.36	-0.5
			eS	07 32.92	
PMS	1.68	50	iP	07 15.49	-0.2
PTE	1.72	65	eP	07 15.08	-1.0
SKT	1.84	10	eP	07 16.36	-1.4
			eS	07 41.50	
PWA	1.86	37	eP	07 18.86	0.8
SVW	1.92	300	eP	07 16.78	-2.2
PLRM	2.07	45	eP	07 19.48	-1.4
PME	2.13	46	eP	07 21.04	-0.7
KNK	2.22	54	eP	07 21.63	-1.4
GHO	2.26	44	eP	07 24.12	0.4
MSE	2.29	42	eP	07 23.18	-1.0
CFI	2.41	63	eP	07 26.54	0.9
KDC	2.45	184	eP	07 23.92	-2.3
SML	2.50	47	eP	07 25.24	-1.7
FID	2.89	76	eP	07 29.39	-3.2
SCM	2.90	53	eP	07 31.52	-1.1
KLU	3.35	64	eP	07 36.10	-2.9
KMP	3.76	66	eP	07 41.59	-3.1

29 obs. associated

& APR 23, 1985 06h 32m 04.87s
59.316 N 144.764 W
DEPTH = 29.9km
4.2mb (5 obs.)
GULF OF ALASKA (15)
<AGS-P>. ML 3.8 (PMR).

KAIM	0.64	16	iP	32 17.05	-0.5
MID	0.81	279	ePc	32 19.70	-0.4
RAGM	1.08	2	iP	32 24.86	0.9
SGAM	1.21	350	iP	32 26.51	0.7
			eS	32 45.58	
SNH	1.30	48	iP	32 26.24	-1.0
			eS	32 42.59	
CVA	1.33	339	iP	32 27.96	0.5
CSG	1.35	358	iP	32 29.16	1.3
HIN	1.39	322	iP	32 29.19	0.7
YKGM	1.41	57	eP	32 27.06	-1.6
BMRM	1.65	3	iP	32 32.25	0.0

FID	1.68	330	iP	32 32.84	0.3
GYO	1.86	62	eP	32 33.21	-2.0
TSIM	1.94	352	iP	32 36.28	-0.2
			eS	33 03.77	
GLI	1.96	324	eP	32 36.15	-0.5
VZW	1.96	334	iP	32 36.62	-0.2
VLZ	1.98	337	eP	32 36.73	-0.2
AGAM	2.07	64	eP	32 36.31	-2.0
BALM	2.11	34	iP	32 37.72	-1.2
GLB	2.19	12	iP	32 39.40	-0.5
KMP	2.21	357	iP	32 40.26	0.0
			eS	33 10.54	
KLU	2.26	346	iP	32 40.79	-0.2
CTGM	2.38	45	iP	32 41.24	-1.6
CFI	2.40	323	iP	32 42.82	0.0
PCA	2.42	69	eP	32 40.53	-2.7
MPA	2.60	299	eP	32 44.10	-1.6
PTE	2.64	308	eP	32 45.09	-1.2
BCPM	2.68	74	eP	32 43.91	-3.0
PNL	2.76	80	eP	32 44.51	-3.5
KNK	2.79	320	eP	32 48.69	0.2
SCM	2.83	334	eP	32 48.83	-0.2
TOA	2.88	347	iPc	32 50.20	0.4
HON	3.02	85	eP	32 47.50	-4.2
SML	3.06	326	eP	32 51.58	-0.7
PMS	3.07	311	iPc	32 52.00	-0.5
PME	3.14	320	eP	32 53.69	0.3
PLRM	3.15	318	eP	32 53.40	-0.1
PMR	3.15	318	ePc	32 53.50	0.0
BRLK	3.15	281	eP	32 53.16	-0.4
GHO	3.21	322	eP	32 53.36	-1.1
SUA	3.67	309	eP	32 59.53	-1.5
RDT	4.05	291	eP	33 04.10	-2.3
SPU	4.09	300	eP	33 04.67	-2.2
KDC	4.35	252	eP	33 08.90	-1.6
DWY	5.39	26	P	33 23.00	-2.3
SVW	5.70	293	eP	33 28.70	-1.1
COL	5.78	347	iP	33 28.30	-2.5
FBA	5.78	347	iPc	33 28.30	-2.5
TTA	6.55	308	eP	33 40.70	-0.9
IMA	7.91	333	iPd	33 58.40	-2.4
INK	10.27	24	eP	34 30.00	-3.2
YKA	14.93	65	eP	35 33.10	-2.2
YKC	15.00	65	eP	35 33.00	-3.1
	0.8s		9.00nm		4.1mb
MBC	19.20	18	eP	36 27.00	-1.5
FFC	23 42	82	eP	37 12.00	0.2
	0.9s		5.00nm		4.0mb
ALQ	34.91	117	eP	38 55.50	-0.3
	1.0s		2.50nm		4.1mb
DAG	40.01	17	iPc	39 38.00	0.2
	0.7s		6.85nm		4.5mb
APO	59.33	12	eP	42 03.80	-2.0
	0.6s		2.70nm		4.6mb
MOX	68.72	16	e(P)	43 17.00	9.8
	58 obs. associated				

& APR 23, 1985 07h 36m 59.90s
37.132 N 121.520 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.6 (BRK).

ARN	0.22	357	iPc	37 04.40	0.1
MHC	0.23	335	iPd	37 04.70	0.1
			iS	37 08.70	
SLD	0.25	103	eP	37 04.90	0.0
SAO	0.37	171	iPc	37 07.50	0.1
GCC	0.39	255	iPc	37 07.50	-0.3
			eS	37 13.50	
LLA	0.69	138	ePc	37 12.70	-1.0
			e(S)	37 23.70	
PCC	0.78	298	iPd	37 14.20	-1.3
			eS	37 26.90	
PRS	0.81	171	eP	37 15.30	-0.7
BKS	0.94	323	ePc	37 17.80	-0.4
			eS	37 31.30	
BRK	0.95	322	iPd	37 17.60	-0.8
JAS1	1.18	47	iPc	37 21.50	-0.9
			e(S)	37 35.40	
PRI	1.20	145	e(P)	37 22.10	-0.8
			e(S)	37 43.50	
FRI	1.46	95	eP	37 25.30	-1.6
	13 obs. associated				

APR 23, 1985 08h 11m 09.64± 1.45s
19.631 N ± 7.3km 146.766 E ± 9.4km
DEPTH = 70.4 ± 14.6 km
4.7mb (8 obs.)
MARIANA ISLANDS REGION (215)

GUMO	6.28	197	eP	12 42.20	0.5
			e(S)	13 39.00	
PJG	6.28	197	eP	12 42.10	0.4
GUA	6.31	197	eP	12 41.50	-0.7
MAT	18.45	338	eP	15 22.00	0.0
	0.7s		13.01nm		4.3mb
			eS	19 00.00	
SHK	19.40	323	eP	15 27.20	-5.6X
SSE	25.71	301	P	16 34.00	-1.1
	Z 16s		0.60um		4.2MszX
			eS	21 08.00	
SNY	29.61	323	eP	17 10.00	-0.2
CN2	29.99	328	eP	17 15.20	1.6
			eS	22 07.00	
XAN	36.47	301	eP	18 07.40	-2.4
HHC	36.69	313	eP	18 11.60	0.0
GYA	37.41	288	eP	18 18.60	0.8
KMI	40.94	286	eP	18 48.50	1.2
LZH	40.98	303	eP	18 48.00	0.6
	1.0s		61.00nm		5.4mb
WB2	41.17	198	eP	18 48.10	-0.8
WRA	41.17	198	Pd	18 49.30	0.4
	0.8s		8.50nm		4.6mb
GTA	44.79	307	P	19 18.50	0.1
WMQ	54.47	310	P	20 37.50	5.2X
PKI	56.30	291	eP	20 45.80	-0.3
	0.5s		5.00nm		4.8mb
COL	62.02	26	eP	21 25.00	0.4
INK	68.13	23	eP	22 03.00	-0.9
MBC	72.00	15	eP	22 27.00	-0.3
YKA	76.70	28	eP	22 54.30	-0.1
YKC	76.76	28	eP	22 54.00	-0.8
SOD	82.83	340	iP	23 27.80	0.6
KJF	84.26	337	iP	23 35.00	0.5
	0.8s		19.10nm		5.2mb
SUF	85.69	337	iP	23 41.60	-0.1
	0.6s		2.80nm		4.5mb
FFC	85.77	33	eP	23 42.00	-0.3
	1.0s		8.00nm		4.7mb
NUR	87.58	335	eP	23 42.00	-8.9X
ALQ	91.90	52	eP	24 13.00	1.0
	1.0s		3.00nm		4.7mb
LP8	146.75	90	PKP	30 50.00	5.4X
CCH	148.74	91	ePKP	30 53.00	5.3X
VBA	149.03	132	ePKPd	30 55.30	8.1X
SLA	149.74	106	e(PKP)	30 55.00	6.1X
	S.D. = 0.9		on 26 of 33 obs.		

* APR 23, 1985 08h 12m 11.82± 2.01s
23.796 N ±11.0km 121.871 E ±21.3km
DEPTH = 32.1 ± 9.5 km
TAIWAN (244)

TWD	0.38	318	iPc	12 20.50	-0.1
			eS	12 26.60	
TWF1	0.69	230	iPc	12 25.00	-0.2
TWC	0.81	359	iPd	12 27.00	0.2
			eS	12 38.00	
TWO	1.06	297	iP	12 30.50	0.0
			eS	12 44.00	
TATO	1.22	344	eP	12 32.80	0.0
			eS	12 48.00	
TWZ	1.32	348	iPc	12 34.00	-0.2
			eS	12 51.50	
TWK	1.37	248	eP	12 35.20	0.2
	S.D. = 0.2		on 7 of 7 obs.		

APR 23, 1985 08h 23m 59.60± 0.70s
41.683 N ± 7.4km 20.817 E ± 6.5km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.6 (TTG).

SKO	0.55	58	iPg	24 10.20	-0.5
			iSg	24 19.00	
OHR	0.57	181	iPg	24 10.50	-0.7
			iSg	24 20.20	
PVY	1.11	326	ePg	24 19.50	-0.9
			eSg	24 35.00	
VAY	1.37	105	iPn	24 25.60	1.0
			iSn	24 46.40	
IVA	1.37	330	ePg	24 24.50	-0.3
			eSg	24 43.00	

TTG	1.38	303	ePg	24 25.00	0.2
			eSg	24 44.50	
HCY	1.89	295	ePn	24 32.00	-0.2
			eSn	25 00.00	
BRY	2.08	307	iPn	24 36.50	1.4
			iSn	25 05.00	
	S.D. = 1.0		on 8 of 8 obs.		

? APR 23, 1985 08h 28m 24.94±21.50s
33.160 S ±36.0km 72.970 W ±171.km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.52	122	iPd	28 50.10	0 0
			iS	29 04.10	
TACH	1.77	107	iPd	28 53.00	-0 0
PEL	1.92	90	iPc	28 56.30	0 4
JACH	2.06	77	iPd	28 57.70	-0.3
FCH	2.25	95	iP	29 01.20	0.3
MDZ	3.47	87	eP	29 23.40	5.3X
			eS	30 09.80	
RFA	4.07	114	ePd	29 27.00	0.4
TCA	7.33	78	ePd	30 10.00	-2.4X
	S.D. = 0.6		on 6 of 8 obs.		

% APR 23, 1985 08h 45m 29.00± 0.97s
39.587 N ± 9.3km 29.363 E ± 7.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.57	272	iPn	45 39.70	-0.9
ALT	0.79	132	iPn	45 44.50	0.1
YLV	0.98	0	iPn	45 47.00	-0.6
GPA	1.01	46	iPn	45 48.00	-0.1
KCT	1.02	311	iPn	45 49.50	1.2
	S.D. = 1.2		on 5 of 5 obs.		

% APR 23, 1985 08h 59m 42.08± 0.75s
60.369 N ± 6.8km 5.361 E ± 9.7km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1.9 (BER).

BER	0.03	316	ePg	59 43.30	-0.7
			iSg	59 44.50	
ASK	0.14	324	iPg	59 45.00	-0.4
			iSg	59 48.00	
SUE	0.75	337	iPn	59 57.20	0.5
			iSg	60 10.80	
ODD	0.78	122	ePn	59 56.50	-0.7
			iSn	00 07.50	
HYA	0.90	27	iPn	59 59.80	0.6
			eSn	00 14.00	
KMY	1.16	183	ePn	00 04.50	0.7
			iSn	00 19.90	
	S.D. = 0.9		on 6 of 6 obs.		

? APR 23, 1985 10h 11m 52.21±16.05s
17.216 N ±98.2km 62.122 W ±92.5km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

BPA	0.31	124	iP	11 59.77	-0.3
			S	12 06.20	
SEG	1.00	144	eP	12 09.40	-0.6
			S	12 20.00	
PAG	1.25	160	eP	12 12.03	-1.5
			S	12 28.80	
SFG	1.31	137	eP	12 14.73	0.5
			S	12 33.60	
MGG	1.50	149	eP	12 17.16	0.0
			S	12 37.20	
MDN	2.01	160	eP	12 24.41	-0.1
FDF	2.64	159	eP	12 35.20	1.7
			S	13 08.60	
	S.D. = 1.2		on 7 of 7 obs.		

* APR 23, 1985 10h 47m 25.21± 0.64s
44.706 N ± 5.3km 112.143 W ± 9.7km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.2 (NEIS), 3.5 (BUT).

LRM	1.14	349	iPc	47 47.40	0.3
HPI	1.21	215	eP	47 48.40	0.0
BUT	1.34	347	eP	47 51.80	1.3
			eS	48 09.50	

23d 10h

TMI 1.41 173 iP 47 50.00 -1.8
SXM 1.59 21 ePn 47 53.70 -0.5
HRY 2.02 6 ePn 47 59.90 -0.5
BDW 2.68 135 eP 48 10.70 0.6
DAU 4.34 171 eP 48 35.00 1.3
MFW 4.58 287 eP 48 37.50 0.8
NEW 4.95 318 eP 48 40.50 -1.5
BMN 5.68 223 e(P) 48 57.00 4.5X
EUR 5.94 210 iP 49 09.20 13.0X
0.2s 2.79nm
S.D. = 1.2 on 10 of 12 obs

APR 23, 1985 11h 03m 18.28± 0.69s
42.104 N ± 7.5km 19.973 E ± 6.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.0 (TTG).

PVY 0.49 0 iPg 03 28.50 0.2
iSg 03 37.00
ULC 0.56 256 ePg 03 29.60 0.0
iSg 03 39.00
TTG 0 62 302 iPg 03 30.30 -0.5
iSg 03 41.70
IVA 0.77 356 ePg 03 33.00 -0.3
eSg 03 45.00
BDV 0.87 282 ePg 03 35.50 0.5
iSg 03 52.00
SKO 1.10 96 ePn 03 37.50 -1.4
eSn 03 52.00
HCY 1.15 288 iPg 03 40.00 0.3
iSg 04 00.00
OHR 1.17 148 ePn 03 39.00 -1.2
eSn 03 55.20
BRY 1.32 307 ePn 03 42.50 -0.3
eSn 04 06.00
VAY 2.10 111 ePn 03 56.60 2.7
S.D. = 1.3 on 10 of 10 obs.

? APR 23, 1985 11h 06m 24.94± 5.15s
33.510 S ±12.6km 71.712 W ±47.3km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.51 151 iPc 06 35.00 -0.7
iS 06 43.70
TACH 0.66 103 iPc 06 37.20 -0.7
iS 06 47.80
PEL 0.93 67 iPd 06 40.70 -1.1
FCH 1.20 82 iPd 06 45.50 -0.3
iS 07 03.40
JACH 1.25 49 iPc 06 45.00 -1.3
MDZ 2.48 76 eP 07 07.50 3.5X
iS 07 41.70
RFA 2.97 116 e(P) 07 13.00 2.1
RTCV 3.14 59 ePc 07 17.20 3.9X
S 08 01.00
CFA 3.49 58 ePd 07 19.40 1.1
RTLL 3.58 52 ePd 07 20.60 2.2
S 08 07.00
TCA 6.40 72 ePd 07 58.00 -1.4
S 09 19.00
SLA 10.30 33 e(P) 09 09.00 15.4X
S.D. = 1.6 on 9 of 12 obs.

? APR 23, 1985 12h 05m 45.28± 4.22s
46.042 N ±13.9km 15.087 E ±30.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.5 (KBA).

LJU 0.39 270 ePg 05 53.30 0.1
eSg 06 06.30
CEY 0 55 237 ePg 05 56.70 0.2
eSg 06 10.60
VOI 0.83 270 ePn 06 01.30 -0.1
i 06 01.80
iSg 06 22.00
TRI 0 98 251 ePg 06 03.70 -0.2
iSg 06 25.30
KBA 1.59 311 iPgd 06 13.70 0.0
id 06 14.30
i 06 16.20
iSg 06 38.30
i 06 42.10
KHC 3.25 342 P 07 11.50 34 1X
S.D. = 0.2 on 5 of 6 obs

? APR 23, 1985 12h 14m 11.22± 0.94s
11.801 N ±11.6km 145.282 E ±22.3km
DEPTH = 33.0km (normal)
4.9mb (1 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUA 1.76 348 eP 14 40.60 0.7
eS 15 06.20
GUMO 1.82 347 eP 14 40.70 -0.1
PJG 1.82 347 eP 14 40.70 -0.1
KUPT 30.65 226 ePd 20 25.20 0.1
WB2 33.33 199 eP 20 40.60 -7.8X
e 20 52.50
INK 75.86 22 ePd 25 54.60 -1.1
MBC 79.90 14 iPc 26 15.90 -1.9
0.7s 9.00nm 4.9mb
YKA 84.25 27 eP 26 41.10 0.5
YKC 84.32 27 ePc 26 41.00 0.1
NEW 86.29 42 eP 26 53.00 1.8
S.D. = 1.2 on 9 of 10 obs.

APR 23, 1985 12h 23m 53.43± 0.33s
33.015 N ±11.4km 73.252 E ± 8.6km
DEPTH = 33.0km (normal)
4.7mb (14 obs.)
PAKISTAN (710)

NDI 5.50 141 ePn 25 17.00 1.8
0.6s 60.00nm 5.3mb X
eSn 26 12.00
DMN 11.57 115 eP 26 39.50 -0.1
0.4s 23.00nm 5.7mb X
KKN 11.61 113 eP 26 39.20 -0.9
0.4s 26.00nm 5.8mb X
PKI 11.82 114 eP 26 41.70 -1.3
0.4s 23.00nm 5.7mb X
POO 14.43 178 eP 27 26.50 9.2X
HYB 16.25 162 eP 27 36.00 -4.9X
e 27 55.50
CHG 27.00 115 eP 29 48.00 13.7X
CHTO 27.00 115 eP 29 38.30 4.0X
0.8s 3.48nm 4.0mb
NUR 41.74 326 iP 31 41.20 0.6
0.6s 11.70nm 4.8mb
Z 24s 0.20um 3.9MszX
KJF 41.83 332 eP 31 41.00 -0.3
SUF 41.86 330 iP 31 42.10 0.5
0.3s 2.60nm 4.4mb
HFS 46.96 324 eP 32 22.20 -0.4
0.4s 14.10nm 5.3mb
NB2 48.28 325 P 32 32.20 -0.9
0.6s 8.50nm 5.0mb
BSF 51.19 308 eP 32 55.50 -0.1
0.7s 13.00nm 5.0mb
HAU 51.45 308 eP 32 57.60 0.1
L8F 53.21 307 eP 33 10.30 -0.4
0.7s 3.40nm 4.4mb
SSF 53.52 307 eP 33 12.70 -0.1
0.6s 4.80nm 4.7mb
AVF 53.67 307 eP 33 13.90 -0.1
0.7s 8.00nm 4.8mb
BGF 54.06 307 eP 33 16.80 0.0
MZF 54.31 306 eP 33 18.80 0.1
0.7s 4.40nm 4.6mb
TCF 54.55 306 eP 33 20.70 0.2
0.8s 8.70nm 4.8mb
CAF 54.96 305 eP 33 23.80 0.3
0.6s 3.90nm 4.6mb
LSF 55.02 306 eP 33 23.70 -0.2
0.7s 7.50nm 4.8mb
LFF 55.87 305 eP 33 30.30 0.3
0.9s 7.20nm 4.7mb
MBC 70.71 3 eP 35 08.00 0.5
KIC 76.50 269 eP 35 41.00 -1.3
INK 77.04 10 eP 35 45.00 0.7
WB2 78.57 123 eP 35 53.70 0.2
e 36 06.30
YKA 84.62 4 eP 36 25.30 0.9
S.D. = 0.7 on 25 of 29 obs.

APR 23, 1985 12h 29m 25.50± 0.68s
8.832 S ± 6.9km 29.333 E ±10.5km
DEPTH = 10.0km (geophysicist)
4.9mb (5 obs.)
LAKE TANGANYIKA REGION (572)

KRI 7.95 178 iP 31 24.00 -0.1

MTD 8.20 165 iPn 31 28.00 0.5
iP* 31 39.00
iSn 32 52.00
iSg 33 45.00
TET 8.37 151 ePn 31 31.00 1.2
ePg 31 43.00
eSn 33 03.00
eSg 33 52.00
NAI 10.57 45 ePd 32 01.00 0.7
1.0s 80.00nm 6.1mb X
BUL 11.27 183 iPn 32 08.00 -1.8
iP* 32 20.00
iSn 34 11.00
iSg 35 22.00
NPA 11.52 124 ePn 32 12.00 -1.2
eP* 32 22.00
eSn 34 13.00
iSg 35 28.00
SLR 16.84 183 eP 33 23.60 0.4
1.2s 104.69nm 4.8mb
S 36 17.00
BNG 17.01 320 iPc 33 23.40 -1.8
1.1s 18.50nm 4.1mb
i 33 32.40
iS 36 21.90
BPI 17.29 184 e(P) 33 28.50 -0.4
S 36 26.00
EVA 17.58 181 eP 33 43.50 11.0X
S 36 36.00
WIN 18.01 219 e(P) 33 40.00 2.1
S 37 08.50
PRY 18.09 185 eP 33 45.00 6.3X
S 37 17.00
BFS 18.13 187 e(P) 33 38.40 -0.9
0.5s 88.73nm 5.2mb
SWZ 18.64 191 iPd 33 55.50 9.9X
S 36 14.00
JOZ 18.69 172 e(P) 33 49.00 2.9X
VIR 19.29 187 eP 34 02.10 8.6X
0.8s 44.78nm 4.8mb
SEK 19.46 185 eP 34 02.60 7.1X
0.5s 84.51nm 5.3mb
AVY 20.46 121 eP 34 20.00 13.6X
KIC 37.17 293 eP 36 39.20 0.4
VAY 50.29 353 eP 38 26.40 2.2X
GBA 52.70 65 P 38 56.50 13.7X
CLO 53.98 354 iPd 38 27.00 -24.7X
KHC 59.35 348 eP 39 31.00 0.9
S.D. = 1.3 on 13 of 23 obs.

APR 23, 1985 12h 46m 43.32± 0.65s
36.280 N ± 8.3km 26.924 E ± 4.6km
DEPTH = 134.6 ± 5.7 km
4.1mb (9 obs.)
DODECANESE ISLANDS (369)

YER 1.39 52 iPg 47 10.50 -0.4
iSg 47 25.50
NPS 1.47 227 eP 47 12.00 0.2
eS 47 32.00
IZM 2.13 7 iPn 47 20.10 0.5
PRK 3.01 350 eP 47 31.50 0.8
ATH 3.07 304 eP 47 33.00 1.4
eS 48 10.50
BCK 3.17 67 iPn 47 33.20 0.2
EZN 3.57 353 iPn 47 38.40 0.2
DST 3.58 22 ePn 47 36.00 -2.4
ALT 3.75 41 ePn 47 40.00 -0.7
VLS 5.40 292 eP 48 02.30 -0.5
OHR 6.80 317 ePn 48 24.20 2.3
BRT 8.89 304 e(Pn) 48 48.80 -1.1
e(Sn) 50 20.00
ORI 9.07 298 ePn 48 51.50 -0.8
eSn 50 27.20
SGO 10.06 299 e(Pn) 49 05.00 -0.5
e(Sn) 50 45.00
VOY 13.81 319 eP 49 53.20 -1.3
i 49 55.70
KBA 14.79 321 eP 50 07.50 0.6
0.8s 7.10nm 4.0mb
i 50 11.30
CTI 15.06 315 eP 50 11.00 0.7
KHC 16.13 327 Pd 50 25.00 1.5
1.0s 14.00nm 4.2mb
FRF 17.15 301 eP 50 35.40 -0.6
0.6s 4.70nm 4.0mb
LRG 17.31 301 eP 50 37.80 -0.2

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MOX     18.10 327 i(P)  50 49.00   1.7
CDF     18.85 316 eP    50 55.20  -0.3
        0.6s     3.60nm          3.9mb
SMF     20.09 308 eP    51 07.80  -0.4
        0.5s     6.10nm          4.3mb
LBF     20.14 309 eP    51 08.10  -0.6
LOR     20.33 310 eP    51 10.30  -0.3
        0.6s     3.90nm          4.0mb
AVF     20.46 308 eP    51 11.20  -0.6
        0.5s     4.00nm          4.1mb
SSF     20.47 309 eP    51 11.30  -0.6
        0.5s    10.20nm          4.5mb
LWF     20.70 302 eP    51 14.30   0.0
MZF     20.75 306 eP    51 14.00  -0.8
MFF     22.66 305 eP    51 34.10   0.6
FLN     23.60 310 eP    51 42.50  -0.1
DMN     49.49  83 eP    55 22.80   0.6
KKN     49.55  82 eP    55 23.00   0.4
        0.5s     6.00nm          4.7mb
PKI     49.75  83 eP    55 24.80   0.6
     S.D. = 1.0  on  34 of  34 obs.

?  APR  23, 1985  13h 16m 36.94± 6.28s
   59.188 N ±42.1km    6.252 E ±31.0km
   DEPTH =   0.0km  (geophysicist)
 SOUTHERN NORWAY                (535)
     DUR 2.7 (BER). Explosion.

KMY     0.52 273 iPn    16 47.00  -0.3
                 iSn    17 02.20
ODD     0.79  15 iPg    16 52.00  -0.8
                 iSg    17 17.70
ASK     1.40 338 ePn    17 03.90   0.2
                 iSn    17 31.50
HYA     1.99 359 iPn    17 13.00   0.9
                 eSn    17 44.00
SUE     2.02 339 ePn    17 12.50  -0.1
                 eSn    17 46.00
     S D. = 0.9  on   5 of   5 obs.

%  APR  23, 1985  14h 38m 10.47± 0.76s
   39.635 N ± 7.4km    29.460 E ± 6.0km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                         (366)

DST     0.64 268 ePg    38 22.20  -1.2
                 eSg    38 34.70
ALT     0.77 139 iPn    38 26.00   0.5
GPA     0.92  45 ePn    38 27.20  -0.9
YLV     0.93 356 iPn    38 29.20   0.9
KCT     1.05 306 ePn    38 30.20   0.0
TTK     1.10 277 ePn    38 31.70   0.6
EDC     1.42 301 iPn    38 36.70   0.4
ISK     1.46 348 ePn    38 36.70  -0.2
     S.D  = 0.9  on   8 of   8 obs.

•  APR  23, 1985  14h 40m 21.94± 3.62s
   40.278 N ±14.4km   124.101 W ±29.5km
   DEPTH =  10.0km  (geophysicist)
 NEAR COAST OF NORTHERN CALIF.  ( 35)
     ML 3.4 (BRK).

FHC     0.53  10 iPc    40 32.70   0.0
                 iS     40 42.00
WDC     1.23  75 iPc    40 44.90   0.1
                 i      41 09.90
GAS     1.23 120 eP     40 45.10   0.1
MIN     1.91  87 eP     40 54.80  -0.2
ORV     2.13 109 eP     40 57.90  -0.1
     S.D  = 0.2  on   5 of   5 obs.

&  APR  23, 1985  14h 47m 02.90s
   37.122 N          121.547 W
   DEPTH =   7.0km
 CENTRAL CALIFORNIA             ( 39)
     <BRK>. ML 2.9 (BRK)
     Mo=2.9•10••20 (BRK).

ARN     0.23   3 iP     47 07.50  -0.1
MHC     0.23 341 iPd    47 07.70  -0.1
SLD     0.27 100 eP     47 07.80  -0.6
SAO     0.37 167 iPc    47 10.60   0.3
GCC     0.37 256 iPc    47 10.60   0.2
LLA     0.70 136 iPc    47 15.80  -1.1
PCC     0.77 300 eP     47 17.10  -1.0
PRS     0.80 170 eP     47 18.00  -0.7
BKS     0.93 324 ePd    47 20.50  -0.4
                 eS     47 34.00
BRK     0.94 323 iPd    47 20.70  -0.4
JAS1    1 20  48 iPd    47 24.40  -1.2
EUR     4.98  66 iP     48 49.20  29.1
        0.2s     1.67nm
        12 obs. associated

   APR  23, 1985  15h 16m 21.95± 1.04s
   13.469 N ± 9.3km   88.611 W ± 6.4km
   DEPTH =  37.4 ± 11.4 km
   4.8mb ( 19 obs.)
 EL SALVADOR                    ( 73)
     Felt (VI) at Berlin, Chinameca
     and Santiago de Maria, and (II)
     at San Salvador. Also felt in
     southern Honduras. Thirty cm.
     graben 800 m. to 1 km. wide
     formed 4 days later on Tecapa
     Volcano.

SSS     0.61 290 iPc    16 32.20  -2.0
                 eS     16 41.20
COM     4.38 310 iP     17 36.50   8.5X
                 iS     18 40.00
VHO     8.68 297 iP     18 28.00  -0.4
UPA     9.96 116 ePc    18 46.80   1.1
        1.4s   102.33nm          5.9mb X
     N  18s     1.44um
     E  18s     1.07um
                 i      18 57.00
TPM    11.43 300 eP     19 06.00  -0.1
OXM    12.10 300 eP     19 16.50   1.2
BOG    16.83 120 eP     20 21.00   4.1X
                 eS     23 42.00
SDV    18.21 103 eP     20 33.40  -0.5
JCT    19.83 330 iP     20 51.20  -1.4
        1.2s    50.78nm          4.7mb
LTX    21.07 321 iP     21 06.20   0.7
        0.9s    42.74nm          4.8mb
PRM    21.29  14 eP     21 07.30  -0.3
CAR    21.41  96 iPc    21 08.00  -1.0
        0.3s    51.95nm          5.4mb
BHO    21.58 346 eP     21 10.50   0.1
SJG    22.09  75 eP     21 18.00   2.2
        1.2s    32.81nm          4.6mb
RSCP   22.20   7 eP     21 17.30   0.6
TKL    22.52  10 P      21 20.00   0.2
POW    22.70 355 P      21 21.00  -0.6
TUL    23.26 345 eP     21 28.00   1.0
        1.1s   115.50nm          5.3mb
RLO    23.32 347 eP     21 28.40   0.7
GFM    23.36  14 P      21 29.50   1.3
OCO    23.37 342 e(P)   21 17.40 -10.7X
FVM    24.47 357 eP     21 39.00   0.3
        1.0s     9.00nm          4.3mb
BLA    24.75  16 eP     21 42.90   1.4
        1.0s    52.00nm          5.1mb
NAV    24.75  15 P      21 42 00   0.5
CVL    26.03  19 P      21 53.60   0.2
ALQ    26.78 326 eP     22 00.00  -0.6
        1.0s    10.00nm          4.4mb
GOL    30.01 334 eP     22 31.50   1.7
RMU    30.85 324 eP     22 38.10   1.0
MSU    32.53 324 P      22 52.00   0.1
RSNY   33.23  19 eP     22 57.30  -0.3
        1.2s    27.59nm          5.0mb
RSSD   33.28 340 eP     22 59.30   0.9
        1.5s    20.04nm          4.8mb
DAU    33.38 328 P      23 00.00   0.6
OTT    33.65  16 eP     23 01.00  -0.2
BDW    34.36 332 eP     23 07.10  -0.6
        2.0s    21.43nm          4.7mb
MNT    34.37  19 eP     23 05.00  -2.4
EUR    35.39 322 iP     23 18.20   1.6
        0.8s     6.19nm          4.6mb
MIM    35.77  24 iP     23 20.00   0.6
TMI    35.86 330 P      23 20.60   0.1
BMN    36.73 322 eP     23 29.50   1.7
        1.0s    10.00nm          4.7mb
RSON   37.52 355 eP     23 32.80  -1.2
        1.0s     5.00nm          4.3mb
CCH    37.84 143 P      23 37.70   0.3
LRM    38.03 333 eP     23 39.60   0.9
SES    41.12 338 ePd    24 04.30   0.3
FFC    42.47 349 iPd    24 14.90  -0.1
        1.4s    38.00nm          4.9mb
PNT    43.89 331 eP     24 27.00   0.4
        0.7s     9.00nm          4.7mb
SCH    44.65  18 eP     24 31.00  -1.7
FRB    52.14  11 eP     25 29.00  -1.6
YKC    52.29 345 ePd    25 30.50  -1.3
        1.2s    39.00nm          5.3mb
YKA    52.34 345 eP     25 31.90  -0.2
INK    61.88 343 ePd    26 38.50  -1.2
MBC    64.86 352 eP     26 58.00  -1.1
ALE    69.86   4 ePd    27 29.30  -1.1
        1.0s    14.00nm          4.9mb
DAG    72.40  13 iPc    27 44.00  -1.8
        0.9s    13.45nm          4.9mb
WB2   138.44 255 ePKP   35 46.20  -0.1
     S.D. = 1.1  on  51 of  54 obs.

%  APR  23, 1985  16h 02m 07.73± 0.86s
   60.316 N ± 6.1km    5.273 E ±11.4km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                (535)
     DUR 1.7 (BER).

ASK     0.17 347 iPg    02 11.40  -0.2
                 eSg    02 15.00
SUE     0.79 342 iPn    02 23.00   0.0
                 iPg    02 24.50
                 iSn    02 34.30
                 iSg    02 36.90
ODD     0.79 117 ePn    02 22.90  -0.2
                 iPg    02 24.50
                 iSn    02 35.10
                 iSg    02 38.10
HYA     0.96  27 iPn    02 26.30   0.3
                 iSn    02 40.10
KMY     1.11 181 iPn    02 28.60   0.1
                 iSn    02 42.50
     S.D. = 0.3  on   5 of   5 obs.

   APR  23, 1985  16h 15m 12.02± 0.22s
   15.344 N ± 2.1km   120.610 E ± 2.3km
   DEPTH = 188.4 ±  2.0 km
   6.3mb ( 95 obs.)
 LUZON, PHILIPPINE ISLANDS      (249)
     mb 6.0 (PAS). Felt (IV RF) at
     Manila and Santa and (III RF) at
     Collao Caves, Pasuquin and
     Quezon City. Felt by personnel
     on four naval vessels in Subic
     Bay.
     FAULT PLANE SOLUTION: P-Waves
      NP1:Strike= 72 Dip=67 Slip=-110
      NP2:      295     30      -51
      Principal Axes:
       T                Plg=20  Azm=177
       P                  63        310
     Comment: The focal mechanism is
      well controlled and
      corresponds to normal faulting
      with a large strike-slip
      component. The preferred fault
      plane is not determined
     MOMENT TENSOR SOLUTION
     Dep 191              No. of sta  7
     Moment Tensor; Scale 10••26 d-cm
       Mrr=-2.14          Mtt= 2.87
       Mff=-0.73          Mrt=-0.96
       Mrf=-1.44          Mtf= 0.28
      Principal axes:
       T  Val=  3.13  Plg=13  Azm=171
       N       -0.01       28        74
       P       -3.12       59       283
     Best Double Couple:Mo=3.1•10••26
      NP1:Strike=292 Dip=41 Slip= -44
      NP2:      59     63      -122
     CENTROID, MOMENT TENSOR    (HRV)
     Data Used: GDSN
     L.P.B.: 15S, 34C  M.W.: 13S, 31C
     Centroid Location:
     Origin Time        16:15:19.9 0.2
     Lat 15.35N 0.02 Lon 120.69E 0 02
     Dep 182.2 1.1 Half-duration 10 0
     Moment Tensor; Scale 10••26 D-CM
       Mrr=-1.33 0.02  Mtt= 1.98 0 02
       Mff=-0.66 0.03  Mrt=-0.88 0 02
       Mrf=-0.52 0 02  Mtf=-0 60 0 03
      Principal Axes:
       T  Val=  2.28  Plg=12  Azm=189
       N       -0.38       30        92
```

23d 16h

P -1.90 57 299
Best Double Couple:Mo=2.1*10**26
NP1:Strike=312 Dip=42 Slip= -41
NP2: 75 64 -124

MAN	0.82	146	eP	15	38.00	-1.6
			eS	16	04.40	
OCP	0.84	147	P	15	00.70	-39.0X
BAG	1.06	358	iPc+	15	38.00	-3.5X
SZP	2.20	356	iPd	15	51.00	-1.2
PIP	2.96	0	ePd	15	59.00	-2.1
			iS	16	05.00	
PLP	5.94	134	iPc	16	38.50	-0.7
MAP	5.98	146	eP	16	39.50	-0.1
TWG	7.45	3	eP	16	55.90	-3.1X
			eS	17	09.50	
TWK	7.88	359	eP	17	03.60	-1.3
			eS	17	22.50	
TWF1	7.99	5	iPc	17	03.90	-2.4
			eS	17	23.00	
TWD	8.74	6	ePd	17	14.50	-1.3
TWQ	8.89	1	ePd	17	16.80	-1.0
HKC	9.22	320	iP	17	21.80	-0.4
			iS	19	07.00	
TWC	9.29	7	ePc	17	23.10	0.0
MCO	9.49	316	iP	17	26.00	0.3
			iS	19	15.00	
DAV	9.54	149	iPc+	17	28.00	1.6
	2.0s	2964.71nm			6.3mb X	
ISI	9.55	20	Pc	17	24.50	-1.9
TATO	9.62	5	eP	17	25.00	-2.3
ANP	9.83	5	iPc	17	29.50	-0.7
			eS	19	50.00	
KKM	10.20	205	ePd	17	37.30	2.2
			e	17	54.60	
			e	18	23.30	
GZH	10.31	319	P	17	36.60	0.2
			iS	19	35.00	
MYK	10.36	24	Pc	17	35.50	-1.6
QIZ	10.92	291	iPd	17	45.50	1.1
			iS	19	48.00	
KMJ	12.37	27	Pc	18	01.30	-1.6
			S	20	29.30	
NAH	12.67	30	iPc	18	06.00	-0.8
			S	20	37.90	
NGO	13.13	30	iPc	18	12.30	-0.3
			S	20	45.80	
MVI	14.40	42	eP	18	28.00	-0.5
NZJ	15.36	31	Pc	18	40.10	-0.2
			eS	21	27.00	
SSE	15.69	2	iPc+	18	44.00	-0.4
	7.0s	50.20nm			4.0mb X	
E	18s	30.90um				
			pP	18	57.00	
			iS	21	36.00	
			SS	22	00.00	
WHN	16.18	340	P	18	51.50	1.1
			iS	21	46.00	
NJ2	16.71	355	iPd	18	58.00	1.2
			sP	19	42.00	
			iS	22	00.00	
BKB	16.94	193	iPc	19	07.20	7.5X
	1.1s	618.80nm			5.9mb	
			iS	22	43.80	
GYA	17.07	313	Pd	19	02.00	0.6
			iS	22	10.00	
TAJ	18.04	30	Pc	19	10.50	-1.1
			eS	22	24.00	
LOE	18.23	279	eP	19	12.00	-1.8
FKJ	18.83	22	Pc	19	19.40	-0.4
			S	22	41.60	
MYZ	19.22	29	eP	19	22.00	-1.9
			e	22	54.00	
NGS	19.25	24	Pc	19	24.60	0.4
			S	22	51.20	
KMI	19.37	303	Pd	19	27.00	1.2
	7.0s	34.50nm			4.0mb X	
			pP	19	59.00	
			sP	20	16.00	
			S	23	00.00	
UNZ	19.41	25	Pc	19	25.70	-0.3
KUM	19.66	26	Pc	19	28.30	-0.1
			S	22	59.00	
NST	19.74	274	eP	19	29.90	0.7
SAG	19.87	25	eP	19	30.00	-0.5
			eS	23	05.00	
NOB	19.90	28	eP	19	29.00	-1.8
			eS	23	00.00	
FKK	20.19	24	Pc	19	33.50	-0.2
			S	23	06.50	
AAI	20.34	158	ePd	19	34.40	-1.0
IZU	20.35	21	Pc	19	35.30	0.0
			S	23	10.30	
OIT	20.42	27	eP	19	34.00	-2.0
			S	23	20.00	
MKS	20.46	183	iPc	19	35.60	-1.0
	1.0s	5768.90nm			7.0mb	
ASZ	20.64	31	Pc	19	38.40	0.2
			S	23	17.10	
SHN	20.75	25	Pc	19	38.70	-0.5
			iS	23	21.30	
BDT	20.83	278	eP	19	41.00	0.9
CHG	20.99	283	iPd	19	42.40	0.5
	1.2s	429.69nm			5.8mb	
TIA	21.01	352	Pd	19	42.10	0.2
			S	23	21.00	
			ScP	27	00.00	
			ScS	30	44.50	
SNG	21.21	250	iPd-	19	45.00	1.1
	1.0s	1760.00nm			6.5mb	
Z	20s	35.46um			5.8Msz	
N	20s	60.99um				
E	20s	34.04um				
			eS	23	39.00	
XAN	21.40	333	Pd	19	44.80	-0.9
			iS	23	24.00	
KOC	21.57	31	eP	19	48.00	0.6
			eS	23	34.00	
KGM	21.59	234	iPd	19	50.20	2.5
	0.8s	769.00nm			6.3mb	
			e	20	27.50	
			e	27	04.30	
MRT	21.65	32	Pc	19	48.50	0.3
			eS	23	37.00	
HIR	21.73	27	eP	19	50.00	1.1
			S	23	34.00	
CD2	21.87	318	eP	19	50.40	0.0
			sP	20	49.50	
			iS	23	41.50	
SHK	21.98	27	ePc	19	49.70	-1.7
			eS	23	36.60	
HMD	22.03	26	eP	19	50.00	-1.7
			S	23	37.60	
IPM	22.03	243	ePd	19	53.20	1.2
	0.9s	595.40nm			6.1mb	
			i	20	36.20	
			i	21	02.10	
			i	23	46.10	
			e	27	05.00	
KLM	22.29	239	ePc	19	57.80	3.3X
			e	20	38.20	
TKM	22.45	30	eP	19	56.00	0.2
TKS	22.50	32	eP	19	57.00	0.6
			S	23	49.80	
SHJ	22.65	35	eP	19	59.00	1.2
			eS	23	50.00	
OKA	22.67	29	eP	19	59.00	1.0
			eS	23	52.00	
SED	22.84	13	iPc	20	00.60	0.9
	1.0s	2800.00nm			6.8mb	
N	15s	25.33um				
E	16s	12.12um				
			iS	23	55.70	
WKY	22.93	32	eP	20	02.00	1.5
			S	23	55.90	
MTS	22.93	27	Pd	20	02.90	2.4
			S	23	56.10	
HIM	23.18	31	iPc	20	04.00	1.1
			iS	24	01.00	
CBI	23.22	56	P	20	02.70	-0.7
KOB	23.30	32	P	20	04.60	0.5
			S	24	01.50	
OWA	23.35	34	P	20	05.60	1.0
			e	24	08.00	
TIY	23.43	344	iPd	20	05.00	-0.4
			pP	20	39.00	173kmX
			iS	24	04.00	
			SS	25	06.50	
OSA	23.47	32	Pc	20	07.00	1.3
			S	24	11.60	
TOT	23.48	29	P	20	06.80	1.0
			e	20	42.70	
OSK	23.48	33	Pc	20	06.80	0.8
			S	24	11.00	
DL2	23.49	2	iPd	20	05.30	-0.6
			pP	20	38.00	165kmX
GUMO	23.55	91	eP	20	06.40	-0.3
	0.6s	368.13nm			6.2mb	
			pP	20	41.80	182kmX
			e(S)	24	22.00	
PJG	23.55	91	eP	20	06.30	-0.4
			TT	43	12.10	
GUA	23.60	91	eP	20	06.10	-1.1
	0.5s	811.27nm			6.6mb	
SAI	23.68	26	eP	20	07.00	-0.7
			eS	24	07.00	
KYO	23.83	32	eP	20	10.00	0.8
			S	24	10.00	
TSU	24.01	34	Pc	20	11.80	1.0
			eS	24	20.00	
TRT	24.22	200	iPc	20	14.50	1.5
			iS	20	53.00	
HIK	24.30	32	ePc	20	14.00	0.4
			S	24	16.50	
NAG	24.60	34	P	20	17.30	1.0
			eS	24	22.00	
GIF	24.67	33	eP	20	18.00	1.0
			eS	24	31.00	
HMM	24.67	36	eP	20	17.00	0.0
			e	24	31.00	
TSI	24.69	244	ePc	20	19.00	1.6
	1.1s	3143.80nm			6.8mb	
HJJ	24.79	41	P	20	19.60	1.4
			e	20	56.00	
PSI	24.79	242	ePc	20	08.00	-10.3X
FUK	24.90	31	ePd	20	21.00	1.9
			S	24	37.00	
BJI	24.91	352	eP	20	19.00	-0.1
E	18s	42.70um				
			pP	20	56.00	187kmX
			sP	21	17.00	
			S	24	27.00	
			sS	25	37.00	
			SS	25	44.00	
SHZ	25.25	36	eP	20	22.00	-0.3
IID	25.32	34	Pd	20	25.20	2.1
			S	24	43.60	
PPI	25.41	234	eP	20	21.00	-3.0X
	0.7s	240.20nm			6.0mb	
LZH	25.51	327	iPd	20	25.00	0.0
	7.0s	2300.00nm			5.9mb X	
N	10s	153.00um				
E	10s	133.00um				
			pP	21	04.00	198kmX
			sP	21	28.00	
			S	24	32.00	
			sS	25	42.00	
KOF	25.84	35	eP	20	28.00	0.3
			e	24	46.00	
OYM	26.05	36	eP	20	26.40	-3.3X
SRY	26.20	36	eP	20	30.70	-0.3
WAJ	26.28	30	eP	20	31.00	-0.7
			e	21	10.00	
MAT	26.30	33	iPd	20	29.00	-2.9X
	0.8s	97.01nm			5.6mb	
			eS	24	46.00	
NGN	26.38	33	eP	20	33.00	0.3
			eS	24	58.00	
KYS	26.42	38	eP	20	30.70	-2.3
DDR	26.43	35	eP	20	30.70	-2.5
SNY	26.51	5	iPd	20	33.00	-0.8
			pP	21	07.00	166kmX
			sP	21	28.00	
			S	24	50.00	
			SS	26	18.00	
			ScS	31	05.00	
HHC	26.60	345	Pd	20	34.40	-0.4
JAY	26.65	130	ePc	20	33.50	-1.9
BSI	26.70	251	iPc	20	36.50	0.8
	0.5s	204.00nm			6.1mb	
			i	23	53.50	
BTO	26.80	342	iPd	20	36.00	-0.6
			sP	21	35.00	
TSK	27.10	36	eP	20	34.90	-4.3X
AIK	27.44	31	eP	20	40.00	-2.2
			eS	21	19.00	
NII	27.77	32	eP	20	45.00	-0.1
CN2	28.66	7	iPd	20	51.60	-1.5
			pP	21	27.00	171kmX
			sP	21	46.00	
			PP	21	51.00	

			S	25	20.00					eS	28	50.00			BHD	70.36	300	iPc	26	08.00	0.5
YAM	28.71	34	eP	20	54.00	0.4	KOD	42.33	268	iP	22	49.00	-0.5					i	26	20.00	
			eS	25	27.00					eS	28	59.00						i	26	55.00	
SHL	28.71	295	iP	20	52.00	-2.0	TRD	43.20	266	iP	22	54.50	-1.7					iPP	28	46.00	
			eS	25	30.00		CTA	43.30	144	iPd	22	56.50	-0.5					iScP	30	30.00	
AKI	29.67	31	P	21	02.70	0.7		1.1s		724.05nm			6.1mb					iS	35	00.00	
			S	25	43.60					iScP	28	17.90						iScS	35	50.00	
MTN	29.88	159	eP	21	01.00	-3.1X				iS	29	04.00						i	36	17.00	
	1.0s	1287.00nm				6.6mb				iScS	32	39.00			MSL	71.08	304	ePc	26	10.50	-1.2
			eS	22	44.00		KAD	44.52	279	eP	23	06.00	-0.8					iPcP	26	39.50	
GTA	30.11	327	iPd	21	06.50	0.3				eS	29	33.00						ePPP	30	34.50	
			sP	22	03.00		MRWA	44.52	186	eP	23	04.00	-2.6					eS	35	11.00	
			S	25	49.50			0.5s		140.00nm			5.7mb					eSPP	35	55.00	
MDJ	30.16	13	Pd	21	05.50	-0.8	POO	44.75	281	iPd	23	08.50	-0.2					e	36	20.00	
			pP	21	43.00	182kmX				iS	29	30.00			SDN	71.22	36	ePd	26	10.30	-1.8
			PP	22	13.00		GOA	45.04	277	iP	23	12.00	1.1		BRW	73.22	20	iPd	26	24.00	0.4
			iS	25	49.00		BOM	45.71	282	iP	23	17.00	0.9		TTA	73.45	28	ePd	26	25.70	0.5
			SS	27	40.00					iS	29	48.00						e	27	16.70	
LSA	30.62	303	Pd	21	11.50	0.3	KSH	45.73	311	iPd	23	19.00	2.7X		SVW	73.70	30	P	26	26.90	0.3
			sP	22	07.00					PP	25	12.00			RTB	73.79	300	iPc	26	28.00	0.4
			S	26	00.00					iS	29	50.00						iPcP	26	40.00	
CAL	31.28	288	iP	21	19.00	2.7	BAL	45.84	185	eP	23	18.00	1.1					ipP	27	18.00	210kmX
			eS	29	36.50		SVO	45.84	120	eP	23	16.00	-1.2					iPP	29	07.00	
MOM	31.64	121	eP	21	19.00	-0.5	KLG	45.87	179	eP	23	14.00	-3.1X					iPPP	30	50.00	
KNA	31.93	165	eP	21	18.00	-4.0X	HNR	46.10	120	eP	23	18.00	-1.2					iS	35	45.00	
	0.5s	860.00nm				6.7mb				eS	29	47.00						iSP	36	19.00	
SUT	32.12	28	eP	21	23.00	-0.4	KLB	46.75	183	eP	23	22.00	-2.1					iPPS	36	42.00	
			eS	26	21.00			0.4s		250.00nm			6.0mb		KRP	73.89	138	P	26	30.00	2.0
SAP	32.83	29	eP	21	29.00	-0.6	MUN	47.24	185	iPd	23	26.70	-1.2					eS	35	47.00	
			S	26	32.10			0.9s		161.00nm			5.5mb		IMA	74.36	25	iPd	26	30.70	0.2
URA	32.84	31	eP	21	31.00	1.3				e	23	55.00			WEL	75.35	141	P	26	36.00	-0 3
			e	26	33.00		NWAO	48.11	184	eP	23	33.00	-1.6					pP	27	20.00	182kmX
OBI	33.62	31	eP	21	38.00	1.6		0.4s		111.00nm			5.7mb					ePP	29	30.00	
			eS	26	42.00					e	24	20.00						S	35	42.00	
RMJ	33.66	28	P	21	37.00	0.3	RKG	49.26	184	iPd	23	46.40	3.0X					SP	36	36.00	
			S	26	45.10			0.5s		88.00nm			5.5mb					SS	41	02.00	
BOK	33.79	290	P	21	38.00	-0.1	RMO	49.78	146	eP	23	45.00	-2.5		ARO	75.37	278	iPd	26	38.70	1.7
ASA	33.86	29	eP	21	39.00	0.6				e	28	46.00			KDC	75.53	34	iPd	26	36.80	-0.2
			eS	26	48.00		STK	51.09	157	iPc	23	54.60	-2.7		GNZ	75.91	137	P	26	39.80	0.3
KUS	34.25	32	eP	21	42.00	0.2	CMS	52.48	153	eP	24	05.00	-2.7			1.0s		661.00nm			6.3mb
			eS	26	53.00			1.0s		500.00nm			6.1mb					i	26	49.00	
PKI	34.82	296	iPd	21	46.50	-0.8				e	24	49.00						i	27	28.30	
WAK	34.83	26	eP	21	48.00	1.3	ADE	52.90	161	iPd	24	08.80	-2.0		OPA	76.64	71	P	26	45.50	1.6
			iS	27	06.00			1.0s		670.00nm			6.3mb		PMR	76.77	29	ePd	26	43.30	-0.5
ABJ	34.96	30	eP	21	48.00	0.3	COO	54.69	147	eP	24	23.00	-0.9			1.0s		1125.00nm			6.6mb
			e	27	04.80		YOU	55.98	152	eP	24	30.80	-2.3					e	27	33.90	
KKN	34.98	297	iPd	21	47.70	-0.8				eS	32	05.10						eS	36	13.50	
DMN	35.09	296	iPd	21	48.80	-0.6	SMY	56.10	36	eP	24	33.00	-0.7		COL	76.92	26	eP	26	43.00	-1.6
PMG	36.01	131	eP	21	55.00	-1.8	BFD	56.18	159	eP	24	31.00	-3.4X					iS	36	16.00	
MBL	36.28	181	eP	21	57.00	-2.1		1.0s		761.00nm			6.4mb		FBA	76.92	26	eP	26	44.00	-0 6
LMG	36.40	130	eP	21	58.00	-2.4	RIV	56.91	150	eP	24	40.00	0.4			1.1s		850.00nm			6.4mb
VAR	36.51	292	eP	22	10.00	9.0X				eS	32	02.00			KEV	76.97	339	iP	26	44.00	-0.9
WRA	37.58	159	Pd	22	06.70	-3.3X				e	37	10.00				0.5s		421.00nm			6.4mb
	0.9s	395.30nm				6.1mb	CAN	57.13	152	iPd	24	40.00	-1.2			Z 16s		17.10um			6.5MszX
WB2	37.58	159	iPd	22	06.90	-3.1X				e	31	00.40						esP	27	48.00	
			iS	27	39.20					eS	32	23.70						ePP	30	30.00	
NAU	37.98	188	eP	22	13.00	-0.3	PVC	57.37	123	iPd	24	42.90	-0.2					ePPP	31	48.00	
	0.4s	50.00nm				5.5mb	TOO	57.60	157	eP	24	42.00	-2.5					epPPP	32	16.00	
MDR	39.23	272	eP	22	22.00	-1.8		0.8s		461.00nm			6.3mb					eS	36	16.00	
			eS	29	07.00					e	25	26.00						epP	37	20.00	
WMO	39.85	322	iPd	22	29.50	0.8				eS	32	26.00						LR	07	36.00	
			sP	23	30.00		WAM	57.81	153	iPd	24	44.10	-1.7		SOD	77.49	337	iP	26	46.20	-1.6
			PP	24	07.00					eS	32	30.50						eS	36	17.00	
			ScP	28	02.00		MHI	57.89	303	iPd-	24	46.80	0.0		BHL	77.49	302	Pd	26	50.00	1.4
			iS	28	19.00			0.8s		1573.13nm			6.8mb					pP	27	39.00	203kmX
HYB	40.35	279	iPd	22	33.00	0.0	E	22s		30.37um								PP	29	50.00	
	1.0s	1005.00nm				6.3mb				eS	32	34.00						S	36	27.50	
			e	23	14.00		NOU	58.45	129	iPc	24	50.60	0.0		KJF	77.58	333	iP	26	47.00	-1.3
			iS	28	30.00		KHI	58.47	301	iPd	24	49.80	-1.1			0.6s		912.20nm			6.7mb
			iScS	32	18.50		ADK	61.28	39	iPd	25	07.60	-1.8			Z 16s		19.10um			6.5MszX
HYB	40.35	279	iP	22	49.00	16.0X	TAU	62.95	158	iPc	25	20.40	-0.1					i	27	38.20	
			eS	28	59.00					e	26	04.00						epPP	30	42.00	
BGA	40.36	119	iPd	22	33.00	-0.2				eS	33	34.00						epPPP	32	14.00	
ISO	40.38	152	eP	22	32.00	-1.1				e	54	22.00						eS	36	20.00	
	0.7s	417.00nm				6.1mb	SHI	63.71	296	eP	25	24.00	-2.1					esS	37	36.00	
PAA	40.70	119	eP	22	36.00	0.0	TEH	64.45	303	ePd	25	31.00	0.3					eSS	41	22.00	
			eS	23	25.00		IR2	64.85	302	iPd	25	32.50	-0.7					LR	04	08.00	
ASPA	40.89	161	eP	22	35.00	-2.3	NDF	64.96	118	iPd	25	36.00	2.0		TOA	78.08	29	P	26	50.20	-1.0
			ePcP	24	16.00					eS	26	22.00			MID	78.48	31	eP	26	53.80	0.6
			e	27	50.00		VUN	65.94	118	eP	25	40.80	0.6		SUF	78.53	332	iP	26	52.00	-1.5
			eScP	28	08.00		SVA	65.98	118	ePd	25	41.00	0.5			0.4s		144.10nm			6.1mb
			iS	28	30.00					eS	26	32.10			KBS	78.57	349	iPd	26	53.50	0.0
DDI	41.70	298	eP	22	44.00	0.0	KER	68.02	301	eP	25	53.50	0.2		CSS	79.19	303	eP	26	59.00	1.3
			eS	28	34.00		TAB	68.42	305	iP-	25	56.00	0.2		AVY	79.39	247	eP	26	58.60	-0.6
MEK	41.75	183	eP	22	42.00	-2.3				e	55	02.00			AHA	79.63	73	P	27	02.00	1.6
GBA	41.79	273	P	22	45.00	0.2	CRZ	69.99	136	P	26	06.80	1.8					pP	27	45.00	175kmX
NDI	42.14	296	iP	22	45.00	-2.5				e(pP)	26	54.70	202kmX		NUR	79.69	330	iP	26	58.80	-0.9

23d 16h

	0.9s	1115.20nm		6.6mb		
	Z 18s	22.70um		6.6Msz		
		i	27 06.50			
		e	27 36.00			
		ePP	31 08.00			
		ePPP	32 56.00			
		eS	36 36.00			
		esS	37 56.00			
		eSS	42 00.00			
		esSS	42 56.00			
		LR	04 56.00			
TRO	79.75 340	iPd	26 59.80	-0.2		
AAE	79.85 277	iP	27 04.00	2.1		
GPA	80.47 309	iPc	27 04.00	-0.4		
ALT	80.88 308	iPd	27 06.50	-0.2		
CFR	80.99 314	iPd	27 08.00	1.1		
BIR	81.11 315	iPc	27 10.00	2.5		
YLV	81.11 310	iPd	27 07.60	-0.2		
TLB	81.20 314	iPd	27 08.00	0.0		
ISK	81.24 310	iPd	27 07.60	-0.7		
CLI	81.28 316	iPd	27 09.00	0.6		
PSN	81.30 313	iPd	27 09.00	0.5		
ODB	81.61 315	eP	27 13.00	2.9X		
INK	81.62 21	eP	27 08.00	-1.7		
	0.4s	247.00nm		6.3mb		
BRD	81.67 315	iPc	27 13.00	2.5X		
CTT	81.68 310	iPd	27 11.70	1.0		
VRI	81.81 315	iPd	27 22.00	10.8X		
PNL	81.86 30	ePd	27 12.30	1.1		
DST	81.88 309	iPd	27 11.60	-0.2		
HLW	81.90 299	iPd	27 10.00	-2.0		
		iS	37 12.00			
KCT	81.94 309	iPd	27 10.60	-1.4		
MBC	81.97 12	iPd	27 09.90	-1.6		
DMK	82.02 311	iP	27 12.40	0.0		
ISR	82.11 315	ePd	27 13.00	0.2		
TTK	82.29 309	iPc	27 13.60	-0.2		
EDC	82.29 310	iPd	27 13.70	-0.1		
ALE	82.31 0	eP	27 12.00	-1.1		
	0.7s	269.00nm		6.1mb		
BUC	82.59 314	iP	27 15.00	-0.2		
BUC1	82.65 314	iPd	27 16.00	0.5		
CGN	82.72 314	iPc	27 20.00	4.1X		
JMB	82.72 312	iPd	27 16.00	0.0		
YER	82.72 336	iP	27 17.10	0.9		
DRV	83.03 172	eP	27 17.20	0.3		
MSR	83.06 316	ePd	27 15.00	-2.7		
CMP	83.11 315	ePd	27 09.00	-8.9X		
IZM	83.20 308	iP	27 18.10	-0.5		
UPP	83.25 330	iP	27 16.40	-1.8		
	0.8s	1000.00nm		6.6mb		
		i	27 17.70			
		iS	37 19.00			
BMR	83.51 318	ePc	27 22.00	2.2		
DIM	83.54 312	iPd	27 21.00	0.9		
PVL	83.55 313	iPd	27 20.00	-0.2		
EZN	83.56 309	iPd	27 20.00	-0.2		
PRK	83.74 309	eP	27 21.50	0.3		
WAR	83.77 322	eP-	27 20.00	-1.0		
	Z 18s	17.00um		6.5Msz		
		e	27 35.00			
		e	28 24.00			
		e	30 36.00			
		e	31 32.00			
		e	37 26.00			
		e	38 44.00			
KDZ	83.81 311	iPd	27 21.00	-0.5		
		iS	28 05.00			
CEI	84.18 318	iP	27 27.00	3.8X		
NAI	84.36 267	iPd	27 27.00	2.0		
	2.0s	823.53nm		6.1mb		
DEV	84.39 316	iPd	27 25.00	0.7		
CLO	84.68 315	ePd	27 26.00	0.2		
SIT	84.71 32	iPd	27 27.10	1.5		
DAG	85.00 351	iPc	27 24.20	-2.6		
	0.5s	9.86nm		4.8mb X		
		iS	37 37.00			
HFS	85.00 331	ePKP	27 25.80	-1.3		
	0.6s	272.20nm		6.2mb		
	Z 16s	21.00um		6.6MszX		
		LR	02 42.00			
MMB	85.00 312	iPc	27 25.00	-2.5		
KRA	85.07 321	iPd	27 27.80	0.2		
	1.1s	2897.00nm		6.9mb		
	Z 20s	21.30um		6.5Msz		
	N 30s	51.10um				
	E 30s	40.40um				

			i	27 35.80		
			i	27 38.00		
			iS	37 34.00		
			i	38 45.00		
VTS	85.10 313	iPd	27 28.00	0.1		
SPC	85.15 320	iPd	27 29.70	1.4		
		i(pP)	28 16.30	189kmX		
		i(PP)	30 51.20			
		e	36 43.70			
		e	37 39.20			
OUR	85.16 310	ePnd	27 27.80	-0.4		
JOS	85.17 319	eP	27 27.40	-0.8		
SRS	85.23 311	ePnd	27 24.70	-3.9X		
NPS	85.28 305	eP	27 30.00	1.0		
SOH	85.48 311	ePnd	27 28.70	-1.2		
PAIG	85.49 310	ePnd	27 29.30	-0.6		
KNT	85.72 311	iPnd	27 30.20	-0.9		
PSZ	85.76 318	iPd	27 31.00	-0.2		
NB2	85.77 333	P	27 28.90	-2.0		
VAY	85.91 312	iP	27 30.30	-1.7		
		i	27 31.40			
ATH	86.01 308	iPd	27 32.00	-0.5		
		ePP	30 59.00			
RAR	86.12 113	P	27 40.00	6.8X		
		S	37 40.00			
GRG	86.14 311	ePnd	27 32.10	-1.0		
LIT	86.32 310	ePnd	27 32.90	-1.1		
BUD	86.46 318	iPd	27 34.20	-0.3		
SKO	86.53 312	iPd	27 34.80	-0.2		
	2.0s	4100.00nm		6.9mb		
		iPcP	27 46.00			
		ipP	28 23.50	198kmX		
		i	30 59.00			
		i	31 57.00			
		i	33 58.00			
		iS	37 43.00			
		isS	39 05.00			
KZN	86.79 311	eP	27 35.50	-0.8		
SRO	86.80 319	iPd	27 37.00	0.9		
	N 22s	16.00um				
	E 22s	14.10um				
		e	27 47.80			
		e	28 28.50			
		e	28 44.80			
		ePP	31 07.10			
		iSKS	37 46.00			
		iSKKS	38 00.00			
KONO	87.09 332	iPd	27 37.00	-0.3		
OHR	87.25 312	iPd	27 37.30	-1.2		
		i	31 04.00			
		eS	37 25.20			
COP	87.35 327	iPd	27 38.00	-0.5		
	0.6s	400.00nm		6.5mb		
	Z 18s	12.71um		6.4Msz		
		i	28 33.00			
		iS	37 47.00			
ZST	87.44 319	iPd	27 39.00	-0.2		
		i	31 12.00			
		e	32 25.00			
HYA	87.90 334	iP+	27 41.10	0.0		
VKA	87.91 320	iPd	27 42.50	1.0		
	4.0s	********nm		7.1mb X		
	Z 18s	10.50um		6.3Msz		
		i	27 53.30			
		i(pP)	28 32.70	203kmX		
		iPP	31 14.50			
		iSKS	37 51.50			
		iS	38 08.50			
TTG	87.93 313	e(P)	27 41.50	-0.1		
		e(S)	37 41.00			
SOP	87.96 319	iPd	27 41.80	0.1		
BRN	88.22 324	iPd	27 44.00	1.2		
ODD	88.27 333	eP	27 42.60	-0.4		
VLS	88.31 309	eP	27 42.50	-1.1		
PRU	88.37 322	iPd	27 44.00	0.4		
	2.3s	2419.40nm		6.7mb		
	Z 17s	17.80um		6.6MszX		
	N 24s	39.90um				
	E 20s	12.20um				
		e	27 56.80			
		pP	28 31.40	191kmX		
		PP	31 09.00			
		S	37 52.00			
		e	39 16.00			
SUE	88.56 334	iP+	27 44.10	-0.2		
BER	88.65 333	iPd	27 45.00	0.3		
ASK	88.66 333	iP	27 44.40	-0.3		

MUD	88.68 329	iPd	27 44.90	0.0		
		i	28 36.00			
CLL	88.77 323	iPd	27 44.90	-0.6		
	1.2s	680.00nm		6.5mb		
	Z 18s	15.00um		6.5Msz		
		ipP	28 35.20	204kmX		
		iSKS	37 55.30			
		iS	38 12.90			
KMY	89.26 332	iP+	27 47.80	0.2		
KHC	89.28 321	iPd	27 48.40	0.4		
	1.1s	595.00nm		6.5mb		
	Z 18s	9.80um		6.3Msz		
	N 18s	10.80um				
	E 17s	7.90um				
		pP	28 36.00	191kmX		
		PP	31 23.50			
		S	38 00.00			
		e	39 22.00			
KMR	89.35 320	iP-	27 49.10	0.8		
		i	28 01.70			
		i	31 24.80			
		i	38 25.00			
		i	38 34.70			
LCI	89.55 312	eP	27 48.50	-0.8		
HAM	89.60 326	iPd	27 50.20	0.9		
WET	89.69 321	iPd	27 51.50	1.6		
	Z 17s	17.30um		6.5MszX		
		eS	38 02.50			
HOF	89.82 323	iPd	27 50.60	0.1		
	Z 18s	14.00um		6.4Msz		
		eS	38 03.00			
MOX	89.84 323	iPd	27 50.00	-0.5		
	1.6s	1265.00nm		6.6mb		
	Z 19s	17.10um		6.5Msz		
	N 21s	22.00um				
	E 22s	14.70um				
		i	28 02.00			
		e	28 30.00			
		ipP	28 41.00	206kmX		
		isP	28 55.00			
		iPP	31 25.00			
		isPP	32 30.00			
		iSKS	38 02.00			
		iS	38 25.00			
		iPS	39 20.00			
		ipPS	40 45.00			
		esS	44 20.00			
		esSS	45 35.00			
		eSSS	48 05.00			
		isSSS	49 12.00			
		eSSSS	51 15.00			
LJU	89.85 318	iPd	27 50.80	0.1		
		i	28 06.00			
		ipP	28 41.50	205kmX		
		i	31 27.80			
		iS	38 02.10			
		i	38 28.00			
BRT	89.90 312	iPd	27 50.50	-0.4		
KBA	90.22 319	iPd	27 51.60	-0.9		
	1.0s	300.00nm		6.2mb		
		ipP	28 56.70	269kmX		
		i	29 21.50			
		i(sP)	29 27.80			
		i	31 05.50			
		iPP	31 33.80			
		iSKS	38 03.60			
		iS	38 30.00			
		iSP	39 38.20			
BHG	90.25 320	eP	27 52.40	-0.1		
	1.5s	1991.00nm		6.9mb		
VOY	90.27 318	iPd	27 52.20	-0.5		
		i	28 00.70			
		e(pP)	28 47.70	226kmX		
		eS	38 06.00			
		e	38 30.20			
GRF	90.46 322	iPd	27 54.00	0.6		
	1.9s	2310.00nm		6.9mb		
	Z 23s	24.70um		6.6MszX		
		iSc	38 33.70			
TRI	90.48 318	iPd	27 53.30	-0.2		
		ipP	28 43.40	202kmX		
		i	31 25.00			
		iPP	31 32.00			
		i	31 40.10			
		ipPP	32 20.00			
		iSKS	38 05.00			
		iS	38 31.00			

			iSP	39	34.00					e	32	17.40			FLN	97.62	325	eP	28	25.00	-1.1
			isSKS	39	39.00			ZUL	93.11	321	ePd	28	05.80	0.1		1.3s	238.20nm			6.4mb
			isS	39	49.00			GIB	93.24	311	eP	28	05.50	-1.0	LSF	97.82	322	eP	28	25.90	-1.2
			iSS	45	26.00			CDF	93.36	322	eP	28	06.00	-0.9				pP	29	15.40	199kmX
			isSS	46	44.00						pP	28	55.00	197kmX	GRR	98.03	325	eP	28	27.70	-0.3
			iSSS	49	38.00			WLF	93.42	324	Pd-	28	07.50	0.5	EVA	98.04	245	eP	28	30.10	1.5
			i	52	00.00						pP	28	56.10	195kmX		0.8s	156.72nm			6.5mb
ORI	90.73	312	iPd	27	55.50	0.8					PP	31	57.00		CAF	98.19	321	eP	28	28.20	-0.6
			iPP	31	36.60						SKS	38	23.00		ETA	98.24	331	iPc	28	28.80	0.0
FUR	91.06	321	iPd	27	57.00	0.8					S	38	59.00			1.6s	805.00nm			6.9mb
	1.4s	2062.00nm				7.0mb		MTD	93.43	254	eP	28	09.00	1.4	RJF	98.32	321	eP	28	29.00	-0.4
	Z 17s	13.70um				6.5MszX					iS	38	26.00					pP	29	18.20	198kmX
			eS	38	08.00			AKU	93.49	344	iP	28	08.90	1.9	LPF	98.33	325	eP	28	28.50	-0.8
YKA	91 30	22	eP	27	56.50	-0.5			1.2s	412.50nm			6.5mb		NEW	98.54	35	P	28	30.00	-0.4
YKC	91.36	22	ePd	27	57.50	0.2					i	31	56.70			1.0s	56.25nm			6.0mb
	1.0s	469.00nm				6.5mb		UCC	93.88	325	Pc-	28	10.10	1.1				pP	29	24.50	222kmX
SGO	91.36	313	iPd	27	57.90	0.3					pP	29	01.00	206kmX	SLR	98.56	246	iPd	28	31.50	0.6
TET	91.41	254	iPc	28	01.00	2.8X					SKS	38	25.00			1.0s	170.00nm			6.5mb
			i	28	10.00						S	39	01.00			Z 19s	6.94um			6.2Msz
			ipP	28	47.00	184kmX		BSF	93.91	322	eP	28	08.40	-1.1	MFF	98.61	323	eP	28	30.00	-0.7
			iPP	32	48.00			MMK	94.01	320	ePd	28	10.50	0.4				pP	29	18.70	196kmX
			eS	38	17.00			DOU	94.09	325	iPc-	28	10.80	0.7	ECP	98.64	330	iPc	28	30.70	0.1
			e	38	49.00				1.0s	101.50nm			5.9mb			1.3s	460.00nm			6.8mb
			e	39	57.00						pP	29	01.00	202kmX	ECB	98.72	330	iPc	28	30.80	-0.2
PHC	91.51	36	eP	28	00.00	1.8					PP	32	01.00			1.3s	525.00nm			6.8mb
DUI	91.55	314	iPd	27	58.90	0.4					SKS	38	28.00		LPO	98.85	321	eP	28	31.30	-0.5
WIT	91.64	326	iPd	28	00.00	1.3					S	39	03.00			1.3s	89.50nm			6.1mb
			e	28	10.50						sSKS	39	52.00		BPI	98.88	245	iPd	28	30.20	-2.2
			ePP	31	37.00						SP	40	26.00			1.0s	96.00nm			6.2mb
CTI	91.70	319	iP	27	59.00	-0.3		HAU	94.09	322	eP	28	08.90	-1.3	YKM	98.97	34	iPd	28	33.40	0.9
			iPP	31	45.00			ORO	94.20	319	iPd	28	09.60	-1.2	LFF	98.99	321	eP	28	31.80	-0.6
OGA	91.75	320	eP	27	58.70	-1.0		DIX	94.34	320	ePd	28	12.00	0.3		1.5s	116.00nm			6.1mb
TNS	91.85	323	ePd	28	00.00	0.2		EMS	94.65	320	ePd	28	13.00	0.0	MFW	99.13	37	P	28	34.30	1.2
			e	28	48.40			TVO	94.71	107	eP	28	18.00	4.5X	RXF	99.28	34	iPc	28	35.00	1.1
			e	31	42.30				0.8s	45.00nm			5.7mb		WDC	99.29	44	ePc	28	35.20	1.3
WTS	91.95	326	iPd	28	00.70	0.6		PGC	94.76	37	eP	28	14.00	0.8	LHD	99.40	34	iPc	28	36.00	1.6
	0.8s	231.00nm				6.3mb			1.2s	179.00nm			6.2mb		LDM	99.42	34	iPc	28	36.20	1.8
			e	28	02.80			CVF	94.98	316	eP	28	13.10	-1.3	PRY	99.53	245	iPd	28	36.50	1.1
			epP	28	50.00	198kmX					pP	29	02.30	198kmX		1.0s	10.00nm			5.2mb X
			ePP	31	43.00			EKA	95.20	332	Pc	28	16.10	1.0	GAS	99.63	44	P	28	37.20	1.6
AOU	92.01	315	iPd	28	02.90	2.2			1.6s	1045.20nm			6.9mb					pP	29	24.00	187kmX
STU	92.06	322	iPd-	28	01.00	0.3		KRI	95.26	254	eP	28	16.00	-0.2	CLX	99.66	34	iPd	28	37.20	1.5
	1.0s	500.00nm				6.5mb					iS	38	38.00		SEK	99.70	243	iPd	28	36.00	-0.1
	Z 20s	21.28um				6.6Msz		PMO	95 27	104	eP	28	21.00	5.0X		1.0s	55.00nm			6.0mb
BNS	92.23	325	iPd	28	02.10	0.6			0.8s	25.00nm			5.5mb		BFS	100.13	245	iPdiff	28	38.80	0.7
	1 5s	760.00nm				6.6mb		GDH	95 53	358	iPd	28	16.00	-0.3		1.0s	60.00nm			6.0mb
			ePP	31	44.50				1.0s	420.00nm			6.7mb		EPF	100.24	320	ePdiff	28	36.70	-1.4
			eS	39	40.00						i	29	20.00		VIR	100.30	244	iPdiff	28	39.50	0.6
OSS	92.38	320	ePd	28	03.00	0.5					iS	38	32.00					i	32	46.50	
PLH	92 41	325	ePd	28	02.70	0.5		JOZ	95.66	243	iPc	28	20.00	2.4X	BNG	100.42	278	iPdiff	28	39.60	0.7
MNS	92 49	315	iPd	28	02.00	-0.8			0.7s	61.64nm			6.0mb			1.0s	39.60nm			5.9mb	
			ePP	31	51.00			GMW	95.70	37	P	28	16.60	-0.9				iS	32	22.40	
SAL	92.60	319	eP	28	03.50	0.3		REY	95.71	344	iP	28	19.00	1.8	ORV	100.49	44	ePdiff	28	40.10	0.8
			ePP	31	52.00						i	32	13.80		VAL	100.61	332	iPdiff	28	38.00	-1.4
			eS	38	35.50			LOR	95.92	322	eP	28	17.10	-1.5				iS	39	00.00	
MAW	92 61	199	eP	28	03.00	0.3			1.3s	225.60nm			6.4mb		BKS	100.82	46	ePdiff	28	42.30	1.6
JCK	92 61	325	ePd	28	03.60	0.4					pP	29	06.60	199kmX		1.4s	169.00nm			6.4mb	
SAX	92 63	321	ePd	28	04.00	0.2		BFW	95.97	39	P	28	20.00	1.1		Z 20s	7.00um			6.2Msz	
BUH	92.67	322	ePd	28	03.40	-0.3		FRF	95.99	318	eP	28	17.70	-1.2		N 20s	2.50um				
DBN	92.79	326	eP-	28	04.00	0.0			1.4s	306.80nm			6.5mb			E 20s	5.00um				
	5 0s	7.20nm				4.1mb X		LBF	96.00	322	eP	28	17.60	-1.3				e	29	34.80	
			epP	28	51.00	188kmX		LRG	96.22	318	eP	28	19.10	-0.8				e	33	00.00	
			esP	29	08.00				1.4s	204.20nm			6.3mb					e	34	04.00	
			e(PP)	31	48.00						pP	29	08.30	198kmX				e	36	03.00	
			epPP	32	16.00			SSF	96.24	322	eP	28	18.70	-1.2				eSKS	39	02.90	
			iS	38	21.00			SMF	96.25	322	eP	28	18.80	-1.2				eSKKS	39	13.00	
			e	38	52.00						pP	29	08.20	199kmX				e	39	32.00	
			esS	39	46.00			AVF	96.46	322	eP	28	19.80	-1.2				e	40	02.00	
			e	41	20.00			PNT	96.59	35	iP	28	21.00	-0.5				e	40	35.50	
			eSS	44	16.00				1.2s	166.00nm			6.3mb					e	41	20.00	
			e(PKKP	46	28.00			SBA	96.63	171	eP	28	33.50	12.6X				e	42	55.00	
FIR	92.88	317	iPd	28	06.00	1.4					e	44	50.80					e	47	04.00	
			iSKS	38	20.00			LON	96.67	38	P	28	23.00	1.0				e	48	17.00	
			iS	38	51.00			PLDF	96.72	321	eP	28	23.00	0.8	FRB	100.84	4	ePdiff	28	39.30	-0.9
GWF	92.89	323	iPd	28	05.00	0.4					ic	32	20.50			0.9s	208.00nm			6.7mb	
SLE	92.92	321	ePd	28	04.70	-0.1		COR	96.85	40	eP	28	36.00	13.3X	BLF	101.09	243	iPdiff	28	42.50	0.1
LLS	93.01	320	ePd	28	05.90	0.4		BGF	96.88	322	eP	28	21.80	-1.1		0.5s	8.11nm			5.5mb	
ENN	93.02	325	iPd	28	05.00	-0.1		BUL	96.99	251	iPd	28	25.00	1.1	EBR	101.31	318	ePdiff	28	44.00	1.2
	0.7s	267.00nm				6.5mb			0.8s	79.48nm			6.1mb					ePP	32	54.00	
			e	28	08.00						ipP	29	13.00	193kmX				e	33	58.00	
			e	28	14.50						iPP	32	22.00		GCC	101.39	46	ePdiff	28	44.70	1.4
			epP	28	55 00	202kmX					iS	38	45.00		FFC	101.41	24	ePdiff	28	43.00	0.0
			ePP	31	49.50			PYM	97.20	321	eP	28	25.10	0.7		1.8s	252.00nm			6.5mb	
			e	32	37.50						ic	32	22.10		SWZ	101.46	245	iPdiff	28	45.40	1.4
MEM	93.05	325	Pd	28	05.00	-0.2		MZF	97.21	322	eP	28	23.60	-0.8		0.4s	33.90nm			6.3mb	
			pP	28	54.50	199kmX		TCF	97.40	322	eP	28	24.30	-0.9				i	33	03.00	
			PP	31	49.00			LDF	97.51	325	eP	28	24.50	-1.1	MHC	101.49	46	ePdiff	28	45.00	1.1

23d 16h

GRM 101.57 238 iPdiff28 44.50 0.2
0.7s 34.25nm 6.1mb
Z 18s 4.81um 6.1Msz
JAS1 102.04 45 ePdiff28 47.50 1.3
PRS 102.17 47 ePdiff28 48.60 1.8
LGR 102.31 321 Pdiff 28 49.00 1.7
LRM 102.56 35 ePdiff28 48.80 0.2
PRI 102.76 47 ePdiff28 51.70 2.1
BMN 102.84 42 ePdiff28 50.50 0.6
1 5s 71.97nm 6.2mb
FRI 103.00 46 ePdiff28 51.90 1.5
ALI 103.25 316 iPdiff28 51.00 -0.5
iPP 32 08.00
MNA 103.30 44 ePdiff28 53.80 1.8
HPI 103.48 37 Pdiff 28 54.00 1.2
SYP 104.05 48 ePdiff28 56.00 0.6
EUR 104.16 42 iPdiff28 57.20 1.3
1.1s 30.29nm 6.2mb
ISA 104 54 46 ePdiff28 58.00 0.6
CLC 105.07 46 ePdiff29 00.00 0.3
SPA 105.25 180 e(Pdif29 04.80 4.9X
Z 19s 9.79um 6.4Msz
SBB 105.50 47 ePdiff29 03.00 1.3
e 29 58.00
SBB 105.50 47 ePKP 33 15.00 0.5
PAS 105.53 47 ePdiff29 02.00 0.2
ePP 29 25.00
esP 30 00.00
PAS 105.53 47 ePKP 33 16.00 1.5
MWC 105.57 47 ePdiff29 03.00 0.8
MWC 105.57 47 ePKP 33 17.00 2.2
GSC 105.89 46 ePdiff29 05.00 1.6
e 29 52.00
GSC 105.89 46 ePKP 33 18.00 2.8X
BDW 106.08 36 ePdiff29 05.10 0.8
1.0s 6.00nm 5.7mb
RVR 106.18 47 ePdiff29 05.00 0.4
RVR 106.18 47 ePKP 33 18.00 2 3
MAL 106.75 317 iPKP 33 32.00 15.3X
iSKS 39 27.00
iSKKS 40 48.00
iSS 48 22.00
PTC 106.76 322 e(Pdif29 09.00 2.0X
i(PPP)33 34.00
PLM 106.88 48 ePdiff29 09.00 1.0
PLM 106.88 48 ePKP 33 18.00 0.7
TPC 107.05 46 ePdiff29 09.00 0.4
TPC 107.05 46 ePKP 33 19.00 1.6
BAR 107.37 48 ePdiff29 09.00 -1.0
BAR 107.37 48 ePKP 33 20.00 2.0
RSON 107.56 22 ePdiff29 09.30 -1.0
0.2s 0.90nm 5.6mb
Z 22s 2.75um 5.8Msz
WIN 107.98 251 e(Pdif29 10.00 -3.1X
RSSD 108.18 32 ePdiff29 17.00 3.4X
0.8s 14.08nm 6.2mb
GLA 108.48 47 iPKP 33 22.00 1.9
GLA 108.48 47 ePdiff29 17.00 2.1
GLA 108.48 47 ePKP 33 18.00 -2.1
MTH 108.51 321 iPKP 33 32.00 12.0X
RMU 108.76 41 ePKP 33 21.00 0.3
SCH 109.84 5 ePdiff29 21.00 0.6
GOL 110.48 36 ePKP 33 24.50 0.5
Z 20s 3.00um 5.9Msz
GLD 110.54 36 ePKP 33 30.00 6.0X
Z 20s 3.50um 5.9Msz
AVE 110.74 315 iPKP 33 25.00 0.7
i 33 58.50
LHC 111.18 21 ePdiff29 28.00 1.6
ALC 112.95 41 ePdiff29 32.00 -3.0X
ALQ 112.95 41 ePKP 33 29.30 0.5
Z 22s 8.70um 6.3Msz
STJ 117.09 355 ePKP 33 36.00 0.0
OTT 117.76 13 ePKP 33 37.00 -0.4
OCO 117.86 35 ePKP 33 38.20 0.3
MNT 118.08 11 iPKP 33 36.50 -1.5
HNME 118.30 7 PKP 33 38.00 -0.4
LTX 118.36 44 iPKP 33 40.00 0.8
Z 20s 7.79um 6.3Msz
TUL 118.48 33 ePdiff30 14.70 15.5X
0.8s 6.20nm
TUL 118.48 33 ePKP 33 39.20 0.1
0.8s 144.50nm
Z 18s 6.11um 6.3Msz
e 33 50.00
RLO 118.69 33 ePdiff30 14.50 14.4X
RLO 118.69 33 iPKP 33 39.60 0.1

RSNY 118.82 12 Pdiff 30 07.00 6.5X
RSNY 118.82 12 ePKP 33 39.30 -0.2
Z 22s 6.35um 6.2Msz
MIM 119.07 8 iPKP 33 40.00 0.1
FVM 119.48 28 iPKP 33 40.80 -0.1
JCT 120.10 40 iPKP 33 42.00 -0.4
Z 20s 5.85um 6.2Msz
BHO 120.13 34 iPKPd 33 42.20 0.0
MZX 120.13 51 ePKPd 33 43.60 1.1
ATX 121.41 39 PKP 33 45.00 0.2
KIC 121.73 288 ePdiff30 29.90 15.8X
i 33 44.20
GMTN 122.40 13 ePKP 33 45.60 -0.7
i 33 46.30
i 33 57.90
e 35 19.50
HKT 122.89 38 PKP 33 48.00 0.4
RSCP 123.58 26 iPKP 33 48.30 -0.6
BLA 124.10 20 ePKPd 33 49.70 -0.2
0.9s 148.74nm
PRM 126.20 24 iPKP 33 54.50 0.5
OXM 127.49 50 ePKP 33 56.00 -1.3
IIC 127.52 50 ePKP 33 51.50 -5.8X
TLX 127.95 49 ePKP 33 59.60 1.6
IIP 128.03 50 ePKPd 33 58.00 -0.3
TPM 128.15 50 ePKP 33 58.00 -0.3
III 128.22 51 ePKP 33 59.20 0.7
ACX 128.83 53 ePKPd 34 01.20 1.8
VHO 130.96 50 ePKP 34 06.00 2.3
STH 142.61 28 ePKP 34 23.18 -1.9
GWJ 142.65 28 ePKP 34 22.82 -2.4
HOJ 142.71 28 ePKP 34 23.18 -2.0
SJG 146.10 12 iPKPd 34 30.70 -0.3
0.8s 410.45nm
Z 20s 4.26um 6.2Msz
GIE 146.21 67 iPKPd-34 35.00 3.8X
i 35 27.40
(S) 38 27.00
BPA 147.72 4 ePKP 34 33.25 -0.3
SEG 148.39 4 ePKP 34 35.16 0.6
UPA 148.65 41 ePKP- 34 35.00 -0.1
1 0s 148.00nm
Z 20s 4.04um 6.2Msz
i 34 38.00
i 34 58.00
i 35 31.20
PAG 148.74 4 ePKP 34 36.49 1.2
MGG 148.88 4 ePKP 34 35.96 0.6
MDN 149.47 4 ePKP 34 37.00 0.7
GAL 149.65 32 iPKP 34 40.50 3.9X
CRM 150.06 3 ePKP 34 38.10 0.9
MVM 150.26 3 ePKP 34 38.60 1.1
BIM 150.28 3 ePKP 34 38.30 0.7
LGN 152.07 26 e(PKP)34 43.00 2.8X
TOV 152.99 23 iPKPc 34 43.30 1.7
8.0s 100.00nm
CAR 153.25 17 iPKPd 34 42.50 0.5
1 0s 120.00nm
SDV 153.47 26 ePKP 34 43.00 0.5
UAV 153.50 27 ePKP 34 45.30 2.8X
BMG 153.92 32 iPKP 34 47.00 4.0X
TRN 154.10 5 ePKP 34 44.30 1.3
1.2s 578.60nm
QUR 155.82 53 ePKP 34 48.80 2.8X
eS 35 15.40
VBA 157.26 175 ePKPd 34 47.70 1.1
RFA 159.00 159 ePKPd 34 50.30 1.6
PEL 159.53 152 iPKPd 34 49.80 0.4
MDZ 160.54 155 ePKP 34 53.30 2.9X
eS 35 43.80
CFA 161.91 155 ePKPc 34 53.50 1.7
NNA 162.72 81 ePKP 34 56.00 3.0X
1.8s 1136.36nm
RDJ 162.99 241 iPKPd 34 55.20 2.2
TCA 163.38 164 e(PKP)34 53.70 0.4
CYA 165.68 157 ePKPd 34 57.00 1.6
VAO 166.02 235 ePKP 34 55.70 -0.2
ANT 166.69 130 iPKP 35 00.00 3.7X
ARE 168.30 97 iPKPc 35 01.50 3.6X
SLA 169.05 149 ePKP 34 59.20 1.2
LPB 171.54 99 PKPd 35 05.20 5.4X
1.0s 500.00nm
CCH 173.21 108 PKPc 35 02.60 2.3X
1.0s 6.00nm
S.D = 1.1 on 511 of 571 obs

? APR 23, 1985 17h 14m 57.53± 4.43s
23.592 N ±21.4km 122.120 E ±34.0km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWD 0.68 315 iPd 15 11.00 0.0
eS 15 19.40
TWF1 0.79 253 iP 15 13.00 0.1
eS 15 23.50
TWC 1.04 346 iPd 15 17.50 0.3
eS 15 31.20
TATO 1.49 337 eP 15 24.10 -0.3
TWZ 1.58 342 iPd 15 25.50 -0.1
S.D. = 0.3 on 5 of 5 obs.

? APR 23, 1985 17h 22m 32.25± 8.41s
33.798 S ±14.8km 71.708 W ±74.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.29 122 iP 22 39.50 -0.4
iS 22 45.70
TACH 0.66 77 iPd 22 45.00 -0.1
PEL 1.08 53 iPd 22 51.80 0.7
iS 23 07.50
FCH 1.27 69 iPd 22 54.50 0.4
MDZ 2.56 70 eP 23 18.50 6.1X
iS 23 35.30
RFA 2.85 111 ePc 23 17.30 0.8
TCA 6.49 70 e(P) 24 06.70 -1.3
S 25 38.70
S.D. = 1.0 on 6 of 7 obs.

APR 23, 1985 17h 59m 03.71± 0.44s
11.510 S ± 6.1km 116.998 E ± 7.9km
DEPTH = 33.0km (normal)
5.0mb (9 obs.)
SOUTH OF SUMBAWA ISLAND (291)

TRT 5.73 311 iPc 00 27.80 -0.9
iS 01 22.00
MKS 6.71 22 iPc 00 42.30 -0.3
i(S) 01 54.40
MBL 9.97 165 iPd 01 26.00 -1.9
NAU 11.07 187 eP 01 42.00 -0.8
KNA 12.19 112 eP 01 56.00 -2.0
0.3s 38.00nm 6.0mb X
MTN 13.88 97 eP 02 21.00 0.6
MEK 15.09 175 iPc 02 35 60 -0.7
MRWA 17.64 183 iPc 03 08.40 -0.3
0.4s 45.00nm 5.0mb
WB2 18.68 119 iPc 03 23.00 1.5
iS 06 39.60
KGM 19.12 314 ePc 03 26.80 0.0
KLG 19.62 169 eP 03 34.00 1.5
PPI 19.81 303 eP 03 34.40 -0.1
0.8s 26.00nm 4.6mb
KLB 20.00 178 eP 03 39.00 2.5
0.4s 133.00nm 5.6mb
ASPA 20.12 129 eP 03 41.00 3.2X
MUN 20.38 182 iPc 03 44.20 3.7X
0.4s 80.00nm 5.4mb
NWAO 21.32 179 iPc 03 56.10 6.1X
0.4s 58.00nm 5.3mb
RKG 22.46 180 eP 04 18.00 16.6X
0.3s 27.00nm
IPM 22.54 314 ePd 04 02.30 0.0
0.7s 30.60nm 4.9mb
e 04 07.40
TSI 23.63 308 ePc 04 14.00 1.0
KMI 38.97 339 Pd 06 30.00 1.0
PKI 49.47 322 eP 07 52.90 -0.5
0.4s 4.00nm 4.8mb
DMN 49.68 322 eP 07 54.70 -0.2
0.4s 8.00nm 5.1mb
KKN 49.70 322 eP 07 54.40 -0.7
0.6s 6.00nm 4.8mb
MHI 72.03 314 eP 10 27.00 0.3
e 10 44.00
S.D. = 1.2 on 20 of 24 obs.

% APR 23, 1985 18h 17m 08.44± 2.36s
39.078 N ±16.5km 28.573 E ±25.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.53 5 ePg 17 17.70 -1.4
eSg 17 26.70

KCT	1.18	352	ePn	17 31.50	1.0
IZM	1.23	237	iPn	17 31.10	-0.2
EDC	1.38	337	iPn	17 33.90	0.2
YLV	1.61	22	iPn	17 37.50	0.5

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

* APR 23, 1985 19h 00m 36.64± 0.92s
24.128 S ±10.9km 67.567 W ±14.1km
DEPTH = 188.3 ± 16.9 km
CHILE-ARGENTINA BORDER REGION (127)

SLA	1.98	108	iPd	01 15.20	0.6
			S	01 43.00	
ANT	2.64	279	iPc	01 22.00	0.2
			iS	01 58.20	
CCH	6.84	11	(P)	02 14.00	-1.9
LPB	7.57	356	P	02 27.00	1.3
TCA	7.65	161	iPc	02 25.80	-0.6
VAO	18.92	91	eP	04 45.70	0.2
BAO	20.24	69	e(P)	04 59.40	0.4

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

& APR 23, 1985 19h 08m 35.46s
61.268 N 146.121 W
DEPTH = 21.8km
SOUTHERN ALASKA (2)
<AGS-P>.

VLZ	0.17	217	iP	08 40.43	0.0
			iS	08 44.20	
KLU	0.25	23	iP	08 41.54	0.0
VZW	0.30	225	iP	08 41.71	-0.6
TSIM	0.38	96	iP	08 43.07	-0.6
			iS	08 48.95	
TTV	0.53	247	eP	08 45.35	-0.7
			iS	08 53.32	
FID	0.55	199	iP	08 46.11	-0.2
			iS	08 54.58	
GLI	0.61	231	iP	08 46.48	-0.9
			eS	08 54.69	
CVA	0.75	166	iP	08 48.96	-0.7
CFI	0.80	265	iP	08 49.40	-1.2
			iS	09 01.23	
SCM	0.81	315	iP	08 49.45	-1.4
TOA	0.84	358	iP	08 50.59	-0.7
CSG	0.87	134	eP	08 51.48	-0.3
SGAM	0.89	149	eP	08 50.90	-1.2
			eS	09 03.24	
HIN	0.89	192	iP	08 51.38	-0.8
			eS	09 04.59	
GLB	1.13	80	iP	08 54.26	-1.7
PAGM	1.13	141	iP	08 56.57	0.5
			iS	09 11.32	
KNK	1.13	278	eP	08 54.91	-1.2
			iS	09 10.93	
SML	1.19	298	iP	08 55.12	-1.8
GHO	1.44	292	eP	08 59.26	-1.1
			eS	09 19.64	
PME	1.44	286	iP	08 59.90	-0.5
PTE	1.47	255	iP	09 00.34	-0.4
MSE	1.48	294	eP	08 59.42	-1.6
PLRM	1.48	284	eP	09 00.36	-0.6
FMS	1.66	271	eP	09 03.36	-0.3
MPA	1.77	245	eP	09 04.36	-0.7
PWA	1.84	284	eP	09 05.86	-0.3
BALM	1.85	96	eP	09 05.07	-1.3
MID	1.85	183	eP	09 05.31	-1.0
SNH	1.95	123	eP	09 07.88	0.1
SEW	2.01	236	eP	09 07.51	-1.1
			eS	09 31.45	
SLKM	2.14	251	eP	09 09.95	-0.7
YKGM	2.18	122	eP	09 11.89	0.8
SUA	2.23	277	eP	09 11.15	-0.8
CTGM	2.34	95	eP	09 12.71	-0.8
GYO	2.55	114	eP	09 15.58	-0.7
NKA	2.55	260	eP	09 16.99	0.7
SKT	2.68	288	eP	09 16.80	-1.4
AGAM	2.74	112	eP	09 18.20	-0.9
CHX	2.74	114	eP	09 21.16	2.0
BRLK	2.80	239	eP	09 18.26	-1.6
CGLM	2.84	273	eP	09 20.14	-0.4
SPU	2.87	271	eP	09 19.56	-1.3
CRP	2.91	273	eP	09 20.68	-0.9
PCA	3.12	110	eP	09 22.59	-1.8
RDT	3.15	260	eP	09 22.95	-1.9
BCPM	3.46	110	eP	09 27.23	-2.0
ILM	3.46	255	eP	09 27.40	-1.9
PNL	3.70	113	eP	09 31.24	-1.4
COL	3.72	349	eP	09 33.00	0.0
INK	8.85	32	eP	10 44.00	-1.0

50 obs. associated

* APR 23, 1985 19h 11m 40.62± 0.77s
23.598 S ±10.2km 66.688 W ±13.0km
DEPTH = 239.3 ± 14.5 km
4.5mb (1 obs.)
JUJUY PROVINCE, ARGENTINA (128)

SLA	1.57	136	iPc	12 19.00	0.1
			S	12 46.40	
ANT	3.42	267	iPc	12 37.70	0.1
			iS	13 17.50	
CCH	6.21	5	Pd	13 12.00	-0.1
			eS	14 23.00	
LPB	7.15	349	P	13 29.00	4.8X
			(S)	14 27.00	
TCA	7.93	167	iPc	13 33.60	-0.2
			S	15 00.20	
VAO	18.13	92	eP	15 38.10	0.5
BAO	19.30	69	P	15 49.40	-0.3
SPA	66.54	180	eP	22 11.40	4.6X
	0.8s		7.92nm		4.5mb
YKA	93.85	340	eP	24 35.70	4.5X

S.D. = 0.4 on 6 of 9 obs.

* APR 23, 1985 19h 39m 46.35± 1.49s
43.226 N ± 8.1km 21.024 E ±14.7km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

SKO	1.29	166	ePn	40 09.70	-0.6
			eSn	40 28.50	
VTS	1.72	111	iP	40 17.00	0.6
			iS	40 39.00	
OHR	2.12	185	ePn	40 22.80	0.4
VAY	2.22	148	iPn	40 23.60	-0.2
CLD	2.25	34	iPc	40 24.00	-0.1
MMB	2.59	128	iPd	40 29.00	0.0
			iS	41 07.00	
PVL	3.03	90	eP	40 35.00	-0.3
KDZ	3.57	115	iP	40 55.00	12.1X
			iS	41 38.00	

S.D. = 0.5 on 7 of 8 obs.

% APR 23, 1985 21h 20m 13.26± 1.86s
39.217 N ±10.7km 28.755 E ±18.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.40	346	iPg	20 20.50	-1.0
			iSg	20 26.70	
TTK	0.78	315	iPg	20 20.30	-8.1X
			iSg	20 38.30	
KCT	1.08	344	iPn	20 34.30	0.8
EDC	1.32	329	ePn	20 37.90	0.3
IZM	1.42	235	ePn	20 39.10	-0.1
YLV	1.43	19	iPn	20 39.30	0.0

S.D = 0.9 on 5 of 6 obs.

& APR 23, 1985 21h 24m 08.05s
59.366 N 153.609 W
DEPTH = 122.9km
SOUTHERN ALASKA (2)
<AGS-P>.

PDB	0.52	325	iP	24 25.94	-0.7
			iS	24 39.63	
ILM	0.91	26	eP	24 29.12	-0.7
			iS	24 45.78	
RDT	1.35	26	eP	24 33.75	-0.7
			eS	24 53.31	
BRLK	1.44	73	iP	24 34.37	-1.0
			iS	24 55.50	
KDC	1.73	160	eP	24 35.79	-2.9
NKA	1.82	40	eP	24 40.64	0.8
SPU	1.98	22	eP	24 41.05	-0.9
			eS	25 07.74	
SVW	2.02	331	eP	24 41.39	-1.0
CRP	2.04	20	eP	24 42.77	0.0
SLKM	2.05	55	eP	24 41.74	-1.1
CGLM	2.10	22	eP	24 43 56	0.0
SEW	2.23	69	eP	24 43.30	-1.7
MPA	2.42	60	eP	24 46 39	-1.0
			eS	25 14.18	
SUA	2.54	33	eP	24 48.68	-0.5
PTE	2.74	55	eP	24 50.68	-1.0
			eS	25 21.51	
PMS	2.76	45	eP	24 50.62	-1.3
KNK	3.28	49	eP	24 57.49	-1.3
GHO	3.34	42	eP	24 57.71	-2.0
MSE	3.37	41	eP	24 57.95	-2.3
CFI	3.43	55	eP	25 01.56	0.7
SML	3.57	44	eP	25 00.67	-2.1
GLI	3.60	62	eP	25 00.55	-2.5
HIN	3.73	71	eP	25 03.20	-1.7
FID	3.83	66	eP	25 03.62	-2.6
VZW	3.91	61	eP	25 05.24	-2.1
SCM	3.96	49	eP	25 06.76	-1.3
VLZ	4.04	61	eP	25 07.16	-1.8
KLU	4.37	57	eP	25 11.59	-1.9

28 obs. associated

APR 23, 1985 22h 10m 38.70± 0.19s
8.746 S ± 4.3km 111.333 E ± 4.2km
DEPTH = 33.0km (normal)
5.4mb (31 obs.) 4.9Msz (2 obs.)
JAVA (277)

TRT	1.65	51	iPd	11 13.00	7.2X
			iS	12 03.20	
MKS	8.80	67	iPd	12 48.00	1.3
	1.0s		360.60nm		6.5mb X
KUPT	12.19	98	eP	13 34.10	1.1
			eS	15 50.50	
PPI	13.65	307	eP	13 52.00	-0.4
NAU	14.29	164	eP	13 54.00	-6.8X
			eS	16 21.00	
MBL	14.82	147	eP	14 01.00	-6.7X
			eS	16 29.00	
KKM	15.48	18	ePc	14 22.90	6.5X
IPM	16.76	322	ePc	14 34.20	1.5
			e	15 36.10	
			e	19 50.00	
PSI	16.80	312	eP	14 35.00	1.8
			e(S)	26 32.20	
AAI	17.49	74	ePd	14 44.10	2.2
	0.7s		127.80nm		5.2mb
TSI	17.61	313	e(P)	14 42.00	-1.3
KNA	18.39	114	iPd	14 51.80	-1.2
MEK	19.04	160	iPd	14 57.00	-3.9X
	0.5s		190.00nm		5.6mb
			eS	18 12.00	
MTN	19.87	104	iPc	15 09.20	-0.9
	0.5s		127.00nm		5.5mb
			eS	18 40.00	
MRWA	20.83	168	iPd	15 09.10	-11.0X
			eS	18 54.00	
DAV	21.19	42	eP	15 26.00	2.2
			eS	19 18.00	
MAP	22.74	34	iPc	15 46.00	6.7X
KLB	23.51	166	eP	15 48.00	1.4
			eS	19 58.00	
MUN	23.56	170	eP	15 48.00	0.9
			e	16 00.00	
			eS	20 00.00	
KLG	23.88	158	iPc	15 49.50	-0.7
	0.5s		14.00nm		4.7mb
			eS	20 05.00	
PLP	23.99	35	eP	15 54.50	3.1X
NWAO	24.67	168	eP	15 57.00	-0.9
			eS	20 28.00	
WRA	24.88	119	Pd	16 00.30	0.2
	0.8s		152.00nm		5.6mb
WB2	24.89	119	iPd	15 59.80	-0.3
			eS	20 40.10	
ASPA	26.20	127	iPc	16 11.70	-0.7
	0.8s		92.00nm		5.4mb
			eS	20 44.00	
QIZ	27.64	357	eP	16 28.70	3.2X
			eS	21 06.50	
LOE	27.66	340	eP	16 36.20	10.4X
ISQ	29.71	117	iPc	16 43.60	-0.7
	0.5s		37.00nm		5.4mb
CHG	29.99	336	eP	16 46.50	-0.2
GZH	31.70	4	eP	17 03.00	1.4
KMI	34.69	346	eP	17 29.00	1.1
N	14s		2.30um		
			pP	17 43.00	55kmX
			S	23 00.00	
GYA	35.29	353	P	17 35.80	3.0X
			PPP	19 07.00	

23d 22h

S 23 05.00
PMG 35.37 94 eP 17 34.50 0.9
CTA 35.57 112 iPc 17 35.70 0.4
0.9s 37.82nm 5.3mb
iS 22 57.00
ADE 36.18 140 iPd 17 40.00 -0.3
0.7s 36.99nm 5.4mb
STK 36.31 134 eP 17 40.00 -1.4
0.5s 31.00nm 5.5mb
e 17 55.00
e 20 07.00
SHL 39.01 331 eP 18 03.40 -0.8
eS 23 57.00
CMS 39.24 130 eP 18 05.00 -0.9
BFD 39.99 140 iPd 18 11.50 -0.5
CD2 40.09 350 eP 18 13.60 0.6
eS 24 16.00
GBA 40.32 303 P 18 14.10 -0.9
SSE 40.72 13 P 18 20.00 1.9
1.0s 36.00nm 5.1mb
Z 24s 1.50um 4.8MszX
PcP 20 18.00
eS 24 27.00
sS 24 50.00
NJ2 41.20 10 eP 18 23.60 1.6
S 24 32.00
HYB 41.54 309 eP 18 23.50 -1.5
TOO 42.12 138 eP 18 30.00 0.4
YOU 42.44 132 iPd 18 30.90 -1.3
XAN 42.61 357 Pd 18 34.00 0.4
S 24 52.00
LSA 42.88 334 P 18 36.70 0.3
S 24 56.00
CAN 43.38 133 eP 18 39.70 -0.2
e 20 53.90
BGA 43.54 90 iPd 18 41.60 0.0
WAM 43.72 134 iPd 18 43.40 0.8
PKI 43.97 326 eP 18 44.20 -0.9
0.5s 7.00nm 4.7mb
DMN 44.17 326 eP 18 45.70 -0.9
0.5s 35.00nm 5.4mb
KKN 44.21 326 eP 18 46.10 -0.8
0.5s 13.00nm 5.0mb
TIA 45.05 7 Pd 18 53.50 0.3
eScS 28 47.00
LZH 45.15 351 eP 18 55.50 1.3
POO 45.85 306 iPd 18 59.00 -0.9
TAU 46.36 143 eP 19 03.00 -0.6
SVO 47.86 94 eP 19 16.00 0.1
HNP 47.98 95 eP 19 17.00 0.2
DL2 48.36 11 eP 19 18.00 -1.3
BJI 48.74 5 eP 19 22.50 0.3
esP 19 43.50
eS 26 20.00
esS 26 47.00
GTA 49.09 348 P 19 26.30 1.2
PcP 20 50.80
ScP 24 39.70
eS 26 27.50
ScS 29 10.70
BTO 49.11 359 P 19 25.50 0.3
PP 21 24.00
S 26 27.00
HHC 49.35 0 eP 19 27.00 0.0
S 26 29.00
NDI 49.69 320 eP 19 27.00 -2.7
eS 26 27.00
OYM 51 22 29 eP 19 39.50 -1 8
SF· 51.39 29 eP 19 41.60 -0 9
SW· 5· 56 12 eP 19 42.60 -1.1
sP 20 06 00
iS 26 57.50
MAT 5· 64 28 eP 19 43.00 -1.5
0 5s 17.61nm 5.3mb
Z 20s 0.53um 4.6Msz
eS 27 00.00
DDR 51 66 29 eP 19 43.90 -0.8
TSK 52.27 29 eP 19 48.40 -0.8
CN2 53.85 13 Pd 19 59.00 -1 7
PcP 21 05.00
S 27 26.00
ScS 29 44.00
SS 31 06.00
WMO 56.55 340 eP 20 21.00 0.5
eS 28 08.50
ScS 30 02.50
KSH 58.09 328 eP 20 28.00 -3.4X

AVY 62.31 253 ePd 21 01.00 0.2
KHI 65.64 314 eP 21 20.50 -1.7
MHI 66.15 316 iPd 21 24.00 -1.4
eS 30 12.00
SHI 68.20 307 eP 21 38.00 -0.6
IR2 71.97 312 iPd 22 01.00 -0.4
KER 74.29 309 eP 22 14.00 -1.0
NAI 74.52 271 ePd 22 18.00 1.2
1.0s 40.00nm 5.4mb
SBA 74.55 170 e(P) 22 12.00 -3.6X
TET 75.92 256 iPd 22 28.00 3.5X
ipP 22 50.00 83kmX
TAB 76.30 313 eP 22 26.00 -0.4
JOZ 76.52 244 e(P) 22 30.00 2.3
MTD 77.77 255 iPd 22 36.00 1.1
EVA 79.26 245 iPd 22 44.40 1.4
0.5s 42.25nm 5.7mb
SLR 80.03 245 iPd 22 47.80 0.6
BPI 80.22 245 eP 22 45.50 -2.7
0.8s 47.76nm 5.5mb
BUL 80.25 251 iPd 22 49.00 0.6
1.0s 22.50nm 5.1mb
SEK 80.40 243 iPc 22 49.90 0.8
0.6s 36.67nm 5.6mb
PRY 80 65 244 eP 22 51.00 0.5
GRM 80.90 238 iPc 22 53.00 1.5
1.0s 64.00nm 5.6mb
VIR 81.09 243 iPd 22 53.00 0.3
0.5s 28.17nm 5.5mb
BFS 81.27 244 iPc 22 54.60 0.9
0.6s 46.67nm 5.7mb
SPA 81.31 180 eP 22 53.20 0.1
1.1s 11.90nm 4.8mb
SWZ 82.53 244 iPd 23 01.20 0.9
0.5s 35.21nm 5.7mb
CSS 85.26 306 eP 23 15.50 1.8
GPA 88.81 311 iP 23 35.50 4.6X
YLV 89.57 311 iP 23 34.30 -0.2
YER 89.73 308 iP 23 36.10 0.8
ISK 89.91 311 iP 23 36.30 0.4
DST 89.94 310 eP 23 35.70 -0.5
WIN 90.56 247 iPd 23 36.00 -3.7X
0.9s 27.73nm 5.6mb
EDC 90.66 311 eP 23 39.90 0.4
IZM 90.76 309 iP 23 40.60 0.6
VRI 92.47 316 eP 23 48.00 0.3
MLR 92.95 315 ePd 23 50.00 -0.1
BNG 93.41 274 iPd 23 52.90 0.2
1.0s 31.60nm 5.7mb
VAY 94.78 311 eP 23 57.70 -0.7
KJF 95.03 334 iP 23 59.20 0.2
0.7s 24.00nm 5.7mb
CLO 95.09 315 eP 24 00.00 0.3
SUF 95.50 333 iP 24 01.30 0.1
0.5s 5.00nm 5.2mb
NUR 95.91 330 eP 24 04.00 0.9
Z 26s 1.20um 5.3MszX
LR 09 00.00
SOD 95.97 337 eP 24 08.00 4.7X
OHR 96.08 311 eP 24 01.80 -2.7
KEV 96.18 340 eP 24 09.00 4.8X
HFS 101.33 330 ePdiff 24 27.70 0.1
0.8s 4.10nm 5.1mb
Z 21s 0.68um 5.1Msz
LR 02 09.00
NB2 102.50 331 Pdiff 24 34.40 1.5
0.9s 1.90nm 4.8mb
INK 107.25 21 ePKP 29 04.00 1.3
KIC 116.65 273 ePKP 29 22.90 0.6
YKA 116.93 22 ePKP 29 21.40 0.1
YKC 116.99 22 ePKP 29 21.00 -0.4
PNT 121.45 37 ePKP 29 31.00 0.6
BMN 126.66 46 ePKP 29 40.00 -0.9
EUR 127.91 46 i(PKP) 29 30.50 -13.0X
0.3s 0.96nm
BDW 130.72 39 ePKP 29 52.00 3.3X
GLA 131.07 53 ePKP 29 52.10 2.7X
RSON 133.20 22 ePKP 29 49.30 -3.5X
RSSD 133.26 35 ePKP 29 53.30 -0.2
SCH 134.03 358 ePKP 29 57.00 2.7X
GOL 135 04 41 ePKP 29 59 00 2.0
LTX 141.32 53 iPKP 30 14.00 5.3X
TUL 143.36 38 ePKP 30 08.90 -3.0X
0.8s 14.60nm
MIM 143 64 0 ePKP 30 10.00 -2.0
RLO 143.66 37 ePKP 30 09.70 -2.7
JCT 143.77 49 ePKP 30 11.00 -1.8

1.1s 28.48nm
RSNY 143.97 7 ePKP 30 11.10 -1.6
FVM 144.89 31 ePKP 30 03.20 -11.3X
0.5s 45.49nm
SLA 146.59 185 ePKP 30 20.00 2.1
OXM 148.18 67 ePKP 30 24.00 3.2X
III 148.61 69 iPKP 30 16.00 -5.3X
III 148.61 69 ePKP 30 26.00 4.7X
TPM 148.84 68 iPKP 30 26.00 4.4X
RSCP 149.12 28 ePKP 30 26.10 4.6X
PRM 151.81 25 ePKP 30 32.00 6.5X
CCH 153.92 185 ePKP 30 33.00 3.7X
LPB 154.88 181 PKP 30 47.00 16.3X
S.D. = 1.2 on 115 of 149 obs.

? APR 23, 1985 22h 45m 37.59± 1.02s
28.144 N ±17.4km 57.631 E ±15.4km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
SOUTHERN IRAN (353)

SHI 4.72 290 eP 46 49.00 0.5
KHI 6.04 8 eP 47 08.00 0.8
MHI 8.28 11 eP 47 43.00 4.5X
OHR 32.71 303 eP 51 54.80 -14.4X
WRA 88.17 114 P 58 28.00 1.2
0.4s 0.90nm 4.4mb
WB2 88.18 114 eP 58 26.70 -0.1
YKA 89.47 356 eP 58 31.10 -1.2
YKC 89.47 356 eP 58 31.00 -1.3
S.D. = 1.4 on 6 of 8 obs.

? APR 24, 1985 00h 21m 53.53± 9.84s
36.716 N ±50.0km 140.831 E ±66.4km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN (228)

TSK 0.77 229 eP 22 07.10 -0.8
DDR 1.50 242 eP 22 18.40 -0.1
S 22 47.10
KYS 1.61 200 eP 22 19.80 -0.2
SRY 1.68 229 eP 22 19.80 -1.2
OYM 1.82 225 eP 22 24.50 1.4
MAT 2.12 266 iPc 22 27.20 -0.1
iS 23 07.10
S.D. = 1.1 on 6 of 6 obs

• APR 24, 1985 00h 22m 00.41± 0.97s
4.085 S ±12.6km 151.392 E ± 9.8km
DEPTH = 13.2 ± 8.6 km
4.5mb (4 obs.)
NEW BRITAIN REGION (192)

RAB 0.78 98 iPd 22 15.00 -0.3
KVG 1.62 338 eP 22 27.00 -1.6
BGA 4.29 119 eP 23 08.00 1.0
eS 24 06.00
MOM 4.47 297 eP 23 11.00 1.6
PAA 4.64 119 eP 23 14.00 2.1X
eS 24 10.00
PMG 6.76 218 eP 23 42.50 0.8
CTA 16.68 197 iPd 25 59.60 4.2X
1.1s 39.24nm 4.5mb
RMQ 22.42 186 iPd 27 08.00 7.7X
WB2 22.90 225 eP 27 03.90 -1.2
WRA 22.91 225 Pc 27 03.90 -1.3
0.7s 2.80nm 3.9mb
ASPA 25.77 219 eP 27 32.00 -0.7
GBA 75.43 285 P 33 48.00 1.7
1.0s 5.50nm 4.6mb
COL 81.75 22 eP 34 20.00 0.1
0.7s 5.14nm 4.7mb
INK 88.30 21 eP 34 55.00 2.5X
YKA 95.45 28 eP 35 30.90 5.2X
S.D. = 1.5 on 10 of 15 obs.

APR 24, 1985 01h 07m 14.51± 0.16s
16.498 N ± 3.0km 120.815 E ± 3.8km
DEPTH = 33.0km (normal)
5.6mb (55 obs.) 6.1Msz (18 obs.)
LUZON, PHILIPPINE ISLANDS (249)
Six people killed, 11 injured
and damage (VII RF) and
landslides in Benguet Province
Some damage (VII RF) at Baguio.
Felt (IV RF) at Carmen,
Pangasian and Santa, (III RF) at

24d 01h

Boler, Dagupon and Manilo ond (11 RF) ot Quezon City.
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 10S, 20C
Centroid Locotion:
Origin Time 01:07:10.6 0.3
Lot 16.51N 0.03 Lon 121.22E 0.06
Dep 31.9 4.9 Holf-duroiion 4.1
Moment Tensor; Scole 10**25 D-CM
Mrr= 0.12 0.06 Mtt= 1.14 0.06
Mff=-1.26 0.10 Mrt=-0.56 0.12
Mrf=-0.02 0.08 Mtf=-0.72 0.05
Principol Axes:
T Vol= 1.54 Plg=21 Azm=194
N -0.06 68 33
P -1.48 6 287
Best Double Couple:Mo=1.5*10**25
NP1:Strike=332 Dip=71 Slip= 10
NP2: 239 80 160

BAG	0.24	249	iPc+	07	15.80	-6.0X
SZP	1.10	342	iPc	07	32.00	-1.7
CVP	1.54	39	ePd	07	41.00	1.1
MAN	1.84	172	eP	07	43.60	-0.8
			eS	08	05.60	
QCP	1.87	172	eP	07	43.00	-1.7
PLP	6.67	142	ePc	08	52.20	-0.5
			iS	09	12.00	
HKC	8.52	314	eP	09	15.40	-3.2X
			eS	10	50.30	
QZH	8.66	346	Pc	09	18.00	-2.4
ANP	8.67	4	iPc	09	20.00	-0.7
			iS	11	50.00	
MCO	8.84	310	eP	09	19.80	-3.3X
			eS	10	57.10	
MYK	9.24	26	eP	09	26.00	-2.5
GZH	9.61	314	eP	09	30.60	-3.0X
			S	11	16.00	
DAV	10.45	153	iP+	09	47.00	1.8
KPM	11.32	204	ePd	09	56.30	-0.9
MVI	13.43	45	eP	10	24.00	-1.3
			eS	13	05.00	
SSE	14.54	1	iPc	10	37.00	-2.7X
	1.6s	7.20nm			3.9mb X	
N	16s	21.60um				
E	14s	91.70um				
			iS	13	22.00	
			sS	13	42.00	
WHN	15.18	338	iPc	10	49.00	0.9
			isP	11	02.60	
			iPPP	11	06.00	
			S	13	41.00	
			iSS	14	00.00	
NJ2	15.59	354	Pc	10	51.50	-1.9
GYA	16.47	309	Pd	11	06.00	1.1
KAG	17.43	29	eP	11	17.00	0.3
			eS	14	47.00	
KUM	18.55	27	eP	11	29.00	-1.5
			e	15	37.00	
SAG	18.75	25	eP	11	34.00	1.0
NST	19.89	271	iPd	11	46.00	-0.1
TIA	19.91	351	Pc	11	45.20	-1.0
			sP	11	58.50	
XAN	20.48	331	eP	11	51.20	-1.1
			S	15	40.00	
RDT	20.89	275	iPd	11	56.70	0.2
	1.1s	590.90nm			5.9mb	
CHG	20.97	280	iPd	11	57.00	-0.3
	1.1s	316.46nm			5.6mb	
			eS	17	44.00	
CD2	21.17	316	P	11	59.40	0.1
			pP	12	09.50	39kmX
			PP	12	26.50	
AAI	21.34	159	eP	12	02.00	0.9
	0.7s	176.20nm			5.6mb	
MKS	21.62	184	iPc	12	01.90	-2.0
	0.9s	462.30nm			5.9mb	
SEO	21.68	13	iPc+	12	02.40	-2.0
	1.0s	360.00nm			5.7mb	
Z	20s	45.39um			5.9Msz	
			eS	16	03.00	
SNG	21.81	247	iPd	12	05.50	-0.3
	1.3s	346.15nm			5.6mb	
Z	18s	24.74um			5.7Msz	
N	18s	29.21um				
E	18s	27.84um				

			iS	16	13.00	
HIM	22.09	32	eP	12	09.00	0.5
			eS	16	17.00	
KOB	22.22	33	eP	12	12.00	2.2
			eS	16	22.00	
DL2	22.34	2	Pc	12	10.00	-0.9
			S	16	08.00	
TOT	22.38	30	eP	12	11.00	-0.3
			eS	16	23.00	
TIY	22.39	342	Pc	12	12.00	0.5
OSA	22.39	33	eP	12	14.00	2.5X
			eS	16	23.00	
OSK	22.42	34	Pd	12	13.50	1.7
			S	16	21.00	
KGM	22.44	232	ePd	12	14.40	2.3
SAI	22.56	27	eP	12	12.00	-1.2
			eS	16	26.00	
IPM	22.75	241	ePd	12	15.20	0.0
	0.8s	74.50nm			5.2mb	
			i	12	23.10	
GUMO	23.40	94	eP	12	23.50	2.0
GUA	23.46	94	eP	12	23.30	1.3
	1.2s	375.00nm			5.8mb	
Z	21s	47.74um			5.9Msz	
			eS	16	44.00	
BJI	23.80	351	eP	12	26.00	0.8
Z	20s	53.70um			6.0Msz	
			epP	12	45.00	85kmX
			ePP	13	07.00	
			eS	16	44.00	
LZH	24.67	325	eP	12	34.50	0.7
	4.0s	2631.00nm			6.2mb X	
N	14s	194.40um				
E	14s	245.00um				
			eS	17	03.00	
MAT	25.23	34	iPc	12	35.80	-3.3X
	1.5s	69.44nm			5.0mb	
Z	20s	4.96um			5.0MszX	
			eS	17	03.00	
SNY	25.35	5	iPc	12	38.50	-1.6
			iS	16	59.00	
TRT	25.37	199	ePc	12	40.50	0.1
	0.9s	127.60nm			5.5mb	
TSI	25.39	242	ePd	12	43.00	2.3
	1.1s	1538.50nm			6.5mb	
HHC	25.55	344	Pc	12	42.00	-0.1
			PPP	13	30.00	
BTO	25.77	341	eP	12	43.00	-1.2
			sP	12	58.00	
			PP	13	22.50	
			PPP	13	32.00	
			S	17	03.50	
PPI	26.26	232	ePd	12	48.30	-0.4
	1.0s	192.90nm			5.7mb	
NII	26.70	33	eP	12	54.00	1.5
BSI	27.27	249	eP	13	00.50	2.5X
CN2	27.50	7	Pc	12	56.80	-3.0X
SHL	28.42	293	iP	13	07.00	-1.6
MDJ	28.99	13	eP	13	11.20	-2.1
			PP	14	06.00	
			PPP	14	12.00	
			eS	17	55.00	
GTA	29.27	325	P	13	16.30	0.2
			S	18	11.50	
LSA	30.18	301	eP	13	24.50	-0.2
			S	18	25.00	
MTN	30.89	160	eP	13	28.00	-2.3
CAL	31.13	286	eP	13	50.00	17.6X
SAP	31.73	29	eP	13	34.00	-3.5X
			eS	18	51.00	
KNA	32.99	166	eP	13	47.00	-1.7
BOK	33.60	288	iP	13	54.00	-0.1
PKI	34.51	295	iPd	14	01.00	-1.3
KKN	34.66	295	iP	14	02.00	-1.5
DMN	34.78	295	iP	14	03.40	-1.1
PMG	36.63	133	eP	14	22.00	2.1
RAB	37.19	121	iP-	14	28.00	3.3X
MBL	37.44	182	eP	14	24.00	-2.6
WRA	38.58	159	Pd	14	34.20	-2.0
	1.3s	144.40nm			5.6mb	
WB2	38.58	159	eP	14	33.80	-2.5
			eS	20	32.60	
WMQ	39.08	321	P	14	42.30	2.0
			S	20	32.00	
HYB	40.38	278	eP	14	51.00	-0.3
BGA	40.77	121	eP	14	55.00	0.4
PAA	41.11	121	eP	14	58.00	0.6

ISO	41.30	153	eP	14	59.00	0.2
DDI	41.34	297	eP	14	57.50	-1.6
NDI	41.82	295	eP	15	02.00	-1.0
			eS	24	38.00	
ASPA	41.92	162	eP	15	02.00	-1.8
			eS	20	56.00	
GBA	41.93	272	P	15	04.20	0.2
MEK	42.91	183	eP	15	11.00	-0.8
CTA	44.12	145	iPd	15	21.70	0.0
	2.1s	733.33nm			6.1mb	
			iS	21	51.00	
POO	44.74	280	iPc	15	27.00	0.1
	1.5s	569.44nm			6.2mb	
			iS	22	06.00	
GOA	45.11	276	eP	15	29.30	-0.5
KSH	45.14	310	eP	15	32.00	2.0
MRWA	45.68	186	eP	15	33.00	-1.1
SVO	46.24	121	eP	15	39.00	0.2
HNR	46.51	121	eP	15	42.00	1.1
KLB	47.90	184	P	15	50.00	-1.6
NWAO	49.26	184	eP	16	03.00	0.9
			eS	23	18.00	
			e	31	13.00	
RMO	50.63	147	eP	16	12.00	-0.6
OUE	50.87	296	eP	16	13.00	-1.8
			eS	23	30.00	
STK	52.07	158	eP	16	24.00	0.5
CMS	53.41	153	eP	16	33.00	-0.4
ADE	53.93	162	iPc	16	36.80	-0.4
	0.8s	70.15nm			5.7mb	
YOU	56.91	153	eP	17	01.90	3.1X
BFD	57.18	159	eP	17	01.00	0.3
MHI	57.43	303	eP	17	02.00	-0.8
			eSn	25	05.00	
PVC	57.84	124	iPc	17	06.00	0.4
KHI	58.06	300	eP	17	06.00	-1.2
CAN	58.06	153	eP	17	06.00	-0.9
TOO	58.58	157	eP	17	10.00	-0.5
			eS	25	18.00	
WAM	58.75	154	eP	17	11.60	0.6
NOU	59.03	129	iPc	17	12.00	-1.8
SHI	63.40	295	eP	17	47.00	3.4X
TAU	63.94	159	eP	17	49.00	2.4
IR2	64.40	302	eP	17	49.00	-1.1
KER	67.59	301	eP	18	14.00	3.5X
TAB	67.93	305	eP	18	13.00	0.4
BHD	69.96	300	eP	18	28.00	3.1X
			e	27	55.00	
MSL	70.61	303	eP	18	26.80	-2.1
			e	18	41.00	
			eS	27	41.50	
CRZ	70.68	136	eP	18	32.90	3.7X
BRW	72.07	20	eP	18	37.00	0.6
TTA	72.35	28	eP	18	38.20	-0.7
AFI	73.11	110	P	18	47.00	2.9X
			ePcP	19	15.00	
			eS	28	24.00	
			eScS	29	06.00	
			eSS	33	18.00	
			eSSS	36	08.00	
IMA	73.24	25	eP	18	43.20	-0.9
			i	18	47.50	
RTB	73.38	300	ePd	18	46.50	1.2
			eS	28	14.00	
			eScS	28	43.00	
KDC	74.46	34	eP	18	49.40	-1.7
KRP	74.61	138	eP	18	55.00	2.7X
PMR	75.68	30	P	18	55.80	-2.2
PME	75.72	30	eP	18	57.10	-1.2
	0.9s	72.90nm			5.7mb	
Z	20s	2.30um			5.5Msz	
			i	19	00.70	
TCW	75.78	141	eP	19	01.70	2.8X
COL	75.80	26	eP	18	58.00	-0.7
	1.2s	117.19nm			5.8mb	
Z	17s	5.10um			5.9MszX	
			eS	28	42.00	
FBA	75.80	26	P	18	59.40	0.7
KEV	75.97	339	iP	19	00.90	1.3
	0.7s	32.00nm			5.4mb	
Z	20s	17.50um			6.4Msz	
			epP	20	42.00	460kmX
			ePPP	24	46.00	
			eS	28	40.00	
			e	33	20.00	
			eSS	33	41.20	
			esSS	36	24.00	

				LR	54	06.00		OUR		84.57	310	ePn	19	44.90	-1.0				ePP	24	48.00		
SOD		76.52	337	iP	19	02.80	0.1	NAI		84.62	267	eP	19	48.00	1.1				ePPP	25	58.00		
				i	19	07.20		SRS		84.62	311	ePn	19	45.60	-0.6				eSKKS	30	40.00		
				e	21	22.00		NPS		84.78	305	eP	19	48.50	1.4				iS	30	58.00		
GNZ		76.62	137	eP	19	06.00	2.3	NB2		84.84	333	P	19	46.50	-0.4				isS	32	20.00		
KJF		76.64	333	eP	19	03.00	-0.4			1.3s	157.60nm				6.0mb				iSP	32	28.00		
		1.0s	106.00nm				5.8mb	PAIG		84.91	310	ePn	19	47.40	-0.2				iSPP	33	18.00		
	Z	18s	19.90um				6.5Msz	PSZ		85.03	318	eP	19	49.50	1.3				i	34	10.00		
				i	19	07.50		KNT		85.11	311	ePn	19	47.50	-1.1				iSS	37	02.00		
				epP	20	46.00	469kmX	THE		85.22	311	ePn	19	47.60	-1.5				iSSS	41	00.00		
				ePP	22	36.00		VAY		85.30	312	iP	19	48.60	-0.9				i	43	44.00		
				eS	28	44.00		ATH		85.46	308	eP	19	49.50	-0.9	ORI		90.10	312	eP	20	14.50	1.8
				esSS	37	04.00		GRG		85.53	311	ePn	19	48.10	-2.7	YKA		90.16	22	eP	20	12.50	-0.1
				e	39	08.00		LIT		85.73	310	ePn	19	50.80	-1.0	YKC		90.22	22	eP	20	12.00	-0.9
				LR	53	34.00		BUD		85.73	318	eP	19	52.80	1.2			0.6s	10.00nm			5.3mb	
BHL		77.06	302	P	19	10.00	3.5X	SKO		85.90	312	iPd	19	53.00	0.4	FUR		90.30	321	iPc	20	16.80	3.3X
				S	29	23.00						iPcP	19	56.00				1.3s	90.00nm			5.9mb	
SUF		77.61	332	iP	19	07.90	-0.9					iS	30	21.00		SGO		90.72	313	iPc	20	18.80	3.3X
		0.6s	21.20nm				5.3mb					iScS	30	38.00		DUI		90.89	314	iP	20	21.00	4.7X
CSS		78.72	303	eP	19	19.50	4.0X	SRO		86.07	319	eP	19	57.00	3.7X	CTI		90.96	319	eP	20	17.00	0.3
NUR		78.80	330	iP	19	15.30	0.0		N	20s	11.40um					OGA		91.01	320	iPc	20	18.60	1.6
		0.8s	57.20nm				5.6mb		E	20s	8.10um							1.3s	122.00nm			6.1mb	
	Z	20s	20.30um				6.5Msz					e(S)	30	36.00		TNS		91.04	324	ePd	20	21.60	4.7X
				i	19	20.00		KONO		86.17	332	eP	19	55.20	1.7	WTS		91.12	326	eP	20	20.50	3.4X
				epP	20	56.00	454kmX	KZN		86.19	311	eP	19	53.20	-0.9			1.5s	45.00nm			5.6mb	
				eSKS	29	08.00		OHR		86.63	312	eP	19	52.60	-3.6X	AQU		91.34	315	eP	20	20.50	2.0
				e	40	08.00						ePcP	19	55.00		MNS		91.81	315	eP	20	21.00	0.5
				LR	54	02.00						eS	30	26.00						e(PP)	24	33.00	
GPA		79 90	309	eP	19	20.60	-1.2	ZST		86.70	319	eP	19	58.00	1.7	SAL		91.86	319	eP	20	22.20	1.5
AAE		79.92	276	eP	19	26.00	3.3X	VKA		87.16	320	eP	19	59.00	0.4	BUH		91.89	322	eP	20	23.60	2.7X
Ave		80 02	247	eP	19	25.40	2.4			2.0s	164.00nm				5.9mb	TET		91.92	254	eP	20	30.00	8.6X
ALT		80.33	308	ePd	19	23.50	-0.8		Z	16s	6.80um				6.1MszX	GWF		92.10	323	eP	20	25.80	4.0X
ANK		80 48	21.	ePd	19	23.50	-0.8					ic	20	03.20		ENN		92.20	325	eP	20	26.00	3.8X
		0.7s	28.00nm				5.4mb					e	23	37.00				1.0s	18.00nm			5.5mb	
YLV		80.54	309	eP	19	25.10	-0.2					e(S)	30	38.00						e	20	40.00	
CLI		80.59	316	eP	19	30.00	4.6X	SOP		87.23	319	eP	20	02.80	3.9X	MEM		92.23	325	P	20	26.90	4.6X
ISK		80.65	310	iP	19	26.10	0.4	TTG		87.28	313	eP	20	00.00	0.8	CDF		92.57	322	eP	20	24.80	0.7
PSN		80.66	313	eP	19	22.00	-3.7X					e(S)	30	41.00				1.6s	87.00nm			5.9mb	
PNL		80.77	30	eP	19	28.40	2.4	PRU		87.59	322	eP	20	03.50	2.9X	WLF		92.61	324	Pc	20	27.40	3.3X
MBC		80.80	12	eP	19	24.00	-1.9			1.6s	50.00nm				5.5mb					e	31	27.00	
		1.0s	84.00nm				5.7mb		Z	16s	15.10um				6.5MszX	UCC		93.04	325	P	20	30.70	4.7X
BRD		81.00	315	eP	19	33.00	5.5X		N	18s	10.80um					BSF		93.13	322	eP	20	27.40	0.7
VRI		81.14	315	ePc	19	30.00	1.8		E	16s	14.80um							1.1s	31.60nm			5.7mb	
DST		81.32	309	eP	19	28.20	-1.2					e	20	42.00		DOU		93.27	325	P	20	31.00	3.9X
KCT		81.37	309	eP	19	33.00	3.5X	BER		87.71	333	eP	20	18.00	17.0X		Z	19s	13.00um			6.4Msz	
HLW		81.52	299	eP	19	30.00	-0.5	VLS		87.74	309	eP	20	05.00	3.4X					e	31	18.00	
				eS	29	34.00		MUD		87.80	329	eP	20	04.00	2.6X	ORO		93.45	320	iPd	20	31.50	3.3X
EDC		81.71	310	eP	19	26.30	-5.0X			1.2s	39.00nm				5.6mb	MTD		93.94	254	eP	20	36.00	5.2X
TTR		81.72	309	iP	19	32.10	0.7	CLL		87.96	323	iPd	20	05 20	2.8X	CVF		94.28	317	eP	20	32.60	0 6
MLR		81.76	315	ePd	19	33.00	1.4			2.4s	120.00nm				5.8mb	EKA		94.28	332	P	20	34.00	2.3
BUC		81.94	314	eP	19	35.00	2.7					eSKS	30	40.00				1.5s	44.70nm			5.7mb	
CGN		82.07	314	ePd	19	34.00	1.0	KHC		88.51	321	Pd	20	06.20	1.1	GDH		94.39	358	eP	20	31.00	-0.9
JMB		82.10	312	eP	19	34.00	0.7			1.2s	20.00nm				5.3mb			1.0s	20.00nm			5.5mb	
YER		82.20	306	eP	19	20.20	-13.8X		Z	16s	6.50um				6.1MszX		Z	18s	8.93um			6.3Msz	
CMP		82.44	315	ePd	19	30.00	-5.0X		N	18s	7.30um									i	24	25.00	
IZM		82.65	308	eP	19	36.10	-0.2		E	17s	6.50um									iS	32	17.00	
PVL		82.92	313	iPd	19	39.00	1.5					e	23	28.80		LOR		95.14	322	eP	20	36.30	0.5
DIM		82.93	312	eP	19	39.00	1.4					S	30	46.00				1.3s	18.00nm			5.3mb	
WAR		82.98	322	eP	19	45.00	7.4X	KMR		88.59	320	iP+	20	10.00	4.5X	LBF		95.21	322	eP	20	36.40	0.2
	Z	16s	17.00um				6.5MszX	LCI		88.93	312	eP	20	10.00	2.8X			1.2s	16.50nm			5.3mb	
				e	20	24.00		MOX		89.04	323	eP	20	11.00	3.4X	FRF		95.26	318	eP	20	36.90	0.5
				e	30	00.00				1.6s	37.00nm				5.5mb	SSF		95.45	322	eP	20	37.60	0.4
				e	30	16.00			Z	16s	14.20um				6.5MszX			1.3s	14.40nm			5.3mb	
EZN		82.98	309	eP	19	37.50	-0.4		N	16s	10.50um					SMF		95.47	322	eP	20	37.80	0.5
PRK		83.18	309	eP	19	40.00	1.1		E	14s	7.80um					LRG		95.50	318	eP	20	38.40	0.9
KDZ		83.20	311	iP	19	43.00	4.0X					ePP	23	32.00		PNT		95.53	35	eP	20	40.00	2.4
PLD		83.54	312	eP	19	45.00	4.3X					eSKS	30	45.00		AVF		95.68	322	eP	20	38.70	0.4
DAG		83.89	351	iPd	19	39.50	-2.4					eSP	32	15.00				1.3s	16.50nm			5.3mb	
		0.5s	22.54nm				5.6mb					eSS	36	50.00		BGF		96.10	322	eP	20	40.60	0.4
HFS		84 09	331	ePKP	19	42.90	-0.2					eSSSS	42	50.00				1.3s	25.60nm			5.5mb	
		0 5s	18 10nm				5.5mb	LJU		89.13	318	eP	20	09.80	1.7	MZF		96.43	322	eP	20	42.40	0.7
	Z	16s	23.90um				6.7MszX					e	20	21.80				1.2s	14.80nm			5.4mb	
				LR	53	11.00						eSKS	30	19.00		TCF		96.61	322	eP	20	43.50	0.9
KPA		84 31	320	ePd	19	45.30	0.9					eS	30	39.40				1.5s	21.20nm			5.4mb	
		0 7s	53.00nm				5.8mb	BRT		89.27	313	e(P)	20	12.50	3.7X	LSF		97.03	322	eP	20	45.00	0.6
	Z	18s	16.70um				6.5Msz	KBA		89 47	319	eP	20	08 00	-1.9			1.5s	29.00nm			5.6mb	
	N	22s	21.30um							1 0s	26.40nm				5.5mb	NEW		97.49	35	P	20	39 00	-7.5X
	E	22s	12 50um									id	20	13.60			Z	20s	4.50um			6.0Msz	
				i	19	49.30						iPP	23	39 80		BUL		97.54	251	eP	20	53.00	5 8X
				i	19	54.80		VOY		89.55	318	eP	20	09.80	-0.4	RJF		97.55	322	eP	20	47.90	1.1
				e	30	06.00						e(S)	30	47 00		FRB		99.68	4	eP	20	55.00	-1.1
MMB		84 39	312	eP	19	44 00	-1.1	GRF		89.67	322	eP	20	15.00	4.4X	FFC		100.28	24	ePdiff	21	00.00	1.2
SPC		84.40	320	eP	19	50.20	5.0X			1.2s	21.00nm				5.3mb			1.0s	6.00nm			5.1mb	
	Z	13s	13.00um				6 5MszX		Z	19s	14.90um				6.4Msz	BNG		100.46	278	iPdiff	21	05.50	4.9X
				i	20	02.50		TRI		89.76	318	eP	20	10.90	-0.1			1.5s	16.00nm			5.3mb	
JOS		84 44	319	eP	19	45.40	0.3					epP	20	50.00	154kmX					iPP	25	07.00	
VTS		84.46	313	iPd	19	47.00	1 7					ePP	23	56 00		EBR		100.59	318	ePdiff	21	20.00	19.5X

BDW 105.04 36 ePKP 25 20.00 -15.4X
2.0s 45.71nm
MAL 106 05 317 ePKP 25 46.00 8.9X
iSKS 26 30.20
iPS 35 25 00
iPPS 36 24 00
RSON 106.42 22 ePKP 25 48 00 10.6X
Z 20s 2.54um 5.8Msz
GLD 109.49 36 PKP 25 40.00 -3.8X
Z 20s 3.80um 6.0Msz
ALQ 111.95 41 e(Pdif 21 45.00 -6.5X
ALQ 111.95 41 ePKP 25 50.00 1.4
Z 22s 5.28um 6.1Msz
LTX 117 39 44 ePKP 26 02.00 2.9X
Z 20s 3.29um 6.0Msz
FVM 118.37 28 ePKP 26 01.00 0.4
JCT 119.09 40 ePKP 26 03.80 1.6
0.8s 15.67nm
Z 20s 4.43um 6.1Msz
ELC 119.48 27 PKP 26 01.50 -1.2
POW 119.52 30 PKP 26 01.20 -1.6
KIC 121.56 288 ePKP 26 07.50 0.2
PRM 125.07 24 ePKP 26 14.00 0.5
SJG 144.93 12 ePKP 26 49.00 -1.8
GIE 145 57 66 ePKP 26 54.00 2.0
(S) 27 34.60
FDF 148.91 4 ePKP 26 58.50 1.2
LGN 150.95 25 e(PKP) 27 11.50 11.1X
TOV 151.85 23 ePKP 27 04.30 2.5X
CAR 152.10 16 ePKP 27 06.00 3.7X
0.5s 28.17nm
SDV 152.35 25 ePKP 27 06.30 3.6X
UAV 152.39 26 ePKP 27 09.00 6.2X
BMG 152.85 31 ePKP 27 07.00 3.7X
TRN 152.94 5 ePKP 27 10.80 7.5X
1.0s 100.00nm
MDZ 161.49 154 ePKP 27 19.50 6.2X
NNA 162 31 78 ePKP 27 16.50 2.0
RDJ 163.68 245 ePKP 27 10.00 -5.6X
TCA 164 43 163 ePKPc 27 19.60 3.4X
ARE 168 20 92 ePKP 27 26 00 6.2X
LPB 171 45 91 iPKP 27 31.20 9.5X
1.6s 133.33nm
CCH 173.28 99 PKPd 27 27.50 5.2X
S D. = 1.3 on 203 of 288 obs.

• APR 24, 1985 02h 08m 22.23± 3.38s
36 131 N ±13.8km 139.821 E ±15.2km
DEPTH = 83.7 ± 32.7 km
HONSHU, JAPAN (227)

TSK 0.25 71 iPc 08 34.60 -0.2
TOK 0 45 187 P 08 36.90 0.9
S 08 48.50
DDR 0.53 256 eP 08 36.50 -0.3
S 08 46.30
SRY 0 69 221 eP 08 37.90 -0.3
OYM 0 85 214 iPc 08 40.00 -0.1
KYS 0.97 164 eP 08 41.20 -0.2
MAT 1.37 288 iPd 08 46.60 0.2
iS 09 04.90
S D. = 0.6 on 7 of 7 obs.

• APR 24, 1985 02h 26m 41.90± 1.03s
40 443 N ± 8.4km 26.267 E ±10.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN 0.62 176 iPg 26 53.50 -0.8
iSg 27 03.50
EDC 1 22 94 iPn 27 05.00 0.3
KDZ 1 38 330 iP 27 08.00 0.8
iS 27 27.00
TTK 1.52 116 iPn 27 10.10 0.9
KCT 1.61 96 ePn 27 10.00 -0 4
DMK 1.78 39 ePn 27 11.50 -1.4
DST 2.00 114 iPn 27 16.70 0.6
MMB 2.24 302 iPc 27 25.00 5.4X
iS 27 52.00
VTS 3.15 314 eP 28 24.00 51.5X
S.D. = 1.1 on 7 of 9 obs.

APR 24, 1985 02h 48m 56.61± 0.52s
26.820 S ± 6.1km 26.665 E ± 5.9km
DEPTH = 5.0km (geophysicist)
4.8mb (2 obs)
REPUBLIC OF SOUTH AFRICA (584)

BFS 0.13 126 iPd 49 01.00 1.6
PRY 0.73 99 iPc 49 11.00 -0.2
SWZ 1.25 253 iPc 49 22.00 1.6
VIR 1.27 172 eP 49 20.00 -0.7
e 49 33.50
BPI 1.38 63 iPc 49 20.70 -2.0
SEK 1.72 151 iPc 49 28.10 0.5
(S) 49 44.00
SLR 1.81 54 iPc 49 31.00 2.2
S 49 54.00
BLF 2.32 190 iPd 49 36.50 0.3
e 50 03.30
JOZ 4.86 99 eP 50 12.60 0.4
S 51 04.50
GRM 6.47 181 iPc 50 30.60 -4.3X
1.0s 590.00nm 6.5mb X
S 51 38.10
BUL 6.88 15 iPn 50 42.00 1.2
eSn 51 58.00
iSg 52 32.00
CER 9.12 223 iPd 51 10.00 -1.9
S 52 48.00
WIN 9.67 294 iPc 51 15.20 -4.5X
KRI 10.31 16 eP 51 15.00 -13.5X
MTD 10.98 26 iPn 51 36.00 -1.6
iSn 53 33.00
iSg 54 38.00
BNG 32.05 345 iPc 55 26.50 -0.1
1.0s 15.80nm 4.9mb
eS 02 07.50
KIC 44.87 313 eP 57 14.80 0.8
SPA 63.33 180 e(P) 59 28.00 -0.9
GBA 63.60 57 Pd 59 29.80 -1.2
0.9s 5.70nm 4.8mb
VAO 66.02 255 e(P) 59 47.00 0.2
BAO 69.63 262 P 00 09.40 -0.2
PNT 145.67 320 ePKP 08 40.00 2.4X
EUR 146.50 302 iPKP 08 43.50 3.9X
0.5s 10.77nm
S.D = 1.3 on 18 of 23 obs.

? APR 24, 1985 03h 04m 16.13± 0.80s
11.078 S ±22.9km 119.726 E ±19.0km
DEPTH = 33.0km (normal)
SOUTH OF SUMBA ISLAND (292)

KNA 9.94 119 iPc 07 08.00 28.1X
MTN 11.30 100 iPd 06 58.40 0.0
0.5s 217.00nm 6.6mb X
WRA 16.60 124 Pc 08 14.00 5.9X
0.4s 11.40nm 4.4mb
WB2 16.61 124 iPc 08 14.10 5.8X
eS 11 18.80
ASPA 18.41 135 iPc 08 43.40 12.7X
e 11 48.00
STK 28.91 139 iPc 10 17.90 3.5X
YOU 34.88 136 iPc 11 05.60 -1.1
CAN 35.89 137 iPc 11 15.60 0.3
WAM 36.33 138 iPc 11 19.60 0.8
PKI 50.82 320 eP 13 16.00 -0.1
0.5s 17.00nm 5.3mb
KKN 51.05 320 eP 13 17.90 0.1
0.5s 13.00nm 5.1mb
S.D. = 0.8 on 6 of 11 obs.

• APR 24, 1985 05h 08m 32.37± 0.78s
40.455 N ± 5.8km 23.077 E ± 8.3km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE 0.20 334 ePgc 08 36.60 -0.1
eSg 08 39.70
SOH 0.42 30 ePgc 08 41.20 0.2
eSg 08 48.00
LIT 0.57 232 ePg 08 44.10 0.1
PAIG 0.70 139 ePg 08 46.10 -0.1
eSg 08 57.50
KNT 0.72 349 ePg 08 46.40 -0.1
S.D. = 0.2 on 5 of 5 obs.

% APR 24, 1985 06h 17m 18.87± 0.85s
39.081 N ± 7.3km 27.552 E ± 8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.72 198 iPg 17 33 10 0.1
iSg 17 47.60

TTK 0.78 29 iPn 17 34.70 0.6
iSg 17 44.90
DST 0.99 58 ePn 17 37.10 -0 5
EZN 1.21 308 ePg 17 41.30 0 0
EDC 1.29 11 ePn 17 42.00 -0 7
KCT 1.32 28 iPn 17 43.90 0.6
YLV 2.04 43 iPn 17 57.90 4.2X
S.D. = 0.7 on 6 of 7 obs

APR 24, 1985 06h 47m 42.82± 0 15s
26.218 N ± 3.3km 96.013 E ± 2.8km
DEPTH = 27.6km (13 depth phases)
5.3mb (60 obs.) 5.1Msz (4 obs)
BURMA (296)
Felt in Nepal.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 17C
Centroid Location:
Origin Time 06:47:51.5 1.3
Lat 25.83N 0.12 Lon 95.97E 0.12
Dep 56.4 8.2 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr= 7.33 0.66 Mtt= 0.01 0.66
Mff=-7.34 0.93 Mrt=-2.01 0.73
Mrf=-3.51 0.91 Mtf= 2.53 0.87
Principal Axes:
T Val= 8.86 Plg=68 Azm=139
N -0.23 19 350
P -8.63 10 256
Best Double Couple:Mo=8.8*10**23
NP1:Strike=324 Dip=38 Slip= 58
NP2: 182 58 113

LSA 5.52 310 Pn 49 10.70 4 9X
KMI 6.17 99 ePn 49 17.00 2.3
Pg 49 47.00
Sn 50 32.00
Sg 51 10.00
CHG 7.85 159 iPn 49 39.00 0.9
iPg 50 15.50
iSn 51 09.00
iSg 51 57.00
iLg 51 58.00
CAL 7.88 244 eP 49 52.00 13.6X
eS 52 04.00
CD2 8.26 54 Pn 49 45.00 1.2
Pg 49 54.00
Sn 51 18.00
Sg 51 31.50
BDT 9.35 162 ePn 49 59.40 0.6
eSn 51 54.00
GYA 9.56 86 Pd 50 03.00 1.2
S 51 49.00
BOK 9.56 258 iP 50 00.00 -1.8
PKI 9.56 280 Pb 50 01.40 -0 7
KKN 9.70 282 Pb 50 03.50 -0 4
DMN 9.83 281 Pb 50 05.30 -0 5
LOE 10.25 148 eP 50 04 00 -0 2X
NST 11.17 159 eP 50 24.00 0 2
VAR 11.75 268 eP 50 30.00 -0 6
LZH 11.90 32 eP 50 34 00 0 2
1.5s 69.00nm 5.6mb
N 12s 10.10um
E 12s 16.60um
eS 52 58.00
Lg 54 04.00
Lg 54 22.00
GTA 13.54 13 eP 50 54.40 -1.1
XAN 13.61 52 eP 50 53.60 -2.9X
QIZ 14.63 116 eP 51 18.40 8.5X
GZH 16.06 97 eP 51 30.60 2.2
eS 54 32.00
DDI 16.34 289 eP 51 32.00 0.1
MCO 16.52 101 eP 51 39.50 5 3X
WHN 16.70 71 Pc 51 36.00 -0 4
ipP 51 45.50
isP 51 50.00
iS 54 38.00
sS 54 51.00
SS 55 00.00
HKC 17.01 99 eP 51 43.50 3 1X
eS 55 01.00
TIY 18.01 46 P 51 52.60 -0.3
pP 52 03.00
HYB 18.41 245 eP 51 58.00 0.2
0.6s 166.70nm 5.4mb

24d 06h

			e	52	06.00				1.0s	46.00nm		5.5mb				e	58	44.00	26km
			eS	55	15.50					i	57	42.00	42kmX	MUD	66.86	323	eP	58	36.00	1.8
WMQ	18	82	341 P	52	04.50	1.7	VRI		57.57	309 ePd	57	34.00	1.7	CTA	67.05	128	iPd	58	35.00	-1.0
SNG	19.44	166	eP	52	11.00	0.8	SUF		57.83	329 iP	57	34.00	0.1		0.8s	15.67nm				5.2mb
HHC	19.47	38	iPc	52	09.60	-1.0			0.6s	19.10nm		5.3mb		DUI	67.06	306	eP	58	48.00	12.3X
			pP	52	18.00	31km	SOD		58.16	335 iP	57	36.50	0.3	GRF	67.23	315	eP	58	38.00	1.3
			sP	52	23.50		MRWA		58.36	159 eP	57	37.00	-1.0		1.8s	82.00nm				5.5mb
			eS	55	41.00		KEV		58.40	338 iP	57	40.80	2.9	Z	22s	1.20um				5.1Msz
			sS	55	48.00				0.8s	29.30nm		5.4mb		AQU	67.63	307	eP	58	57.00	17.5X
MDR	19.85	232	eP	52	17.00	2.4				i	57	49.90	30km	CTI	67.87	312	eP	58	39.50	-1.4
			eS	55	55.00		CMP		58.81	309 ePc	57	41.00	-0.1	MNS	68.14	308	eP	58	53.00	10.5X
OZH	20.41	89	eP	52	20.00	-0.4	PVL		58.99	306 iPd	57	43.00	0.7	SAL	68.74	311	eP	58	48.00	1.8
			pP	52	32.00	52kmX	WRA		59.07	137 Pc	57	41.60	-1.5	TNS	68.82	317	eP	58	56.10	9.4X
TIA	20.58	56	Pc	52	21.10	-1.1			0.7s	15.60nm		5.2mb		WIT	69.18	320	eP	58	52.50	3.7X
			pP	52	34.00	57kmX	WB2		59.08	137 iPc	57	41.40	-1.8				e	59	01.50	29km
NJ2	20.77	68	Pc	52	23.00	-1.1	KDZ		59.08	304 iP	57	43.00	0.0	WTS	69.32	319	eP	58	51.50	1.8
			pP	52	35.50	54kmX	MMB		60.29	305 eP	57	51.00	-0.3		1.0s	13.00nm				5.0mb
			iS	56	16.00		CLO		60.40	309 eP	57	53.00	1.0	BUH	69.39	315	eP	58	50.20	0.0
KSH	21.33	313	P	52	33.00	3.1X	VTS		60.51	306 iP	57	52.00	-0.7	GWF	69.69	315	eP	58	52.80	0.8
			S	56	29.00		MUN		60.99	160 eP	57	54.00	-2.1	CDF	70.07	315	eP	58	54.00	-0.4
GBA	21.47	238	P	52	31.60	0.3	VAY		61.19	305 eP	57	56.30	-1.1		1.1s	21.40nm				5.2mb
BJI	21.73	46	eP	52	34.00	0.2	KRA		61.62	315 eP	58	01.00	0.8	DAG	70.07	347	iPc	58	53.10	-0.8
			esP	52	49.00			Z	18s	2.00um		5.3Msz			0.3s	11.69nm				5.5mb
			eS	56	36.00			N	18s	1.20um							i	59	03.00	32km
			esS	56	49.00			E	18s	1.50um				MEM	70.21	317	P	59	04.90	9.8X
POO	21.85	254	iP	52	38.00	2.8				e	58	08.40	24km	ENN	70.21	318	eP	59	01.00	5.9X
			iS	56	54.00					i	58	12.40		WLF	70.40	316	P	58	58.80	2.5
IPM	22.05	167	ePc	52	39.00	1.9	ASPA		61.67	140 eP	58	00.00	-0.8	ORO	70.45	312	eP	58	55.00	-1.8
MAD	22.10	251	eP	52	38.00	0.3				eS	06	31.00		BSF	70.55	314	eP	58	56.80	-0.6
			iS	56	41.00		SKO		61.90	305 eP	57	59.00	-3.2X		1.0s	31.10nm				5.4mb
SSE	22.60	72	P	52	42.30	-0.2				i	58	02.50	11kmX	BRW	70.73	19	ePc	58	58.40	0.5
	0.8s	75.00nm			5.2mb					i	58	09.50		CVF	70.78	309	eP	58	58.30	-0.5
	Z 10s	10.40um			5.6MszX		UPP		61.93	326 iP	58	01.60	-0.5		1.1s	32.50nm				5.3mb
	N 12s	1.60um							0.9s	100.00nm		5.9mb		HAU	70.79	315	eP	58	58.20	-0.5
	E 12s	11.50um					NWAO		62.19	160 eP	58	02.30	-1.8		1.1s	21.40nm				5.2mb
			pP	52	55.00	52kmX	OHR		62.55	305 eP	58	04.40	-2.2	ALE	71.00	357	eP	58	59.50	0.1
			sP	53	03.00					e	58	14.20	32km		0.6s	6.00nm				4.9mb
			iS	56	44.00		SRO		63 03	312 eP	58	18.80	9.3X	FRF	72.00	310	eP	59	05.60	-0.5
			sS	57	09.00		NAI		63.25	254 eP	58	12.00	0.2		0.9s	17.80nm				5.1mb
			PcS	00	12.00				1.1s	63.29nm		5.7mb		LMR	72.17	310	eP	59	06.80	-0.3
BOM	22.61	256	eP	52	45.00	2.4	ZST		63.76	313 eP	58	22.00	7.6X		1.1s	31.20nm				5.2mb
			eS	56	50.00					e	58	26.00	13kmX	LRG	72.24	310	eP	59	07.20	-0.2
TSI	22.72	173	ePd	52	45.30	1.5	HFS		63.86	326 eP	58	14.20	-0.7		0.7s	19.20nm				5.2mb
ANP	23.00	87	eP	52	48.00	1.5			0.8s	18.80nm		5.3mb		LOR	72.62	315	eP	59	09.10	-0.6
GOA	23.29	247	eP	52	52.80	3.5X		Z	14s	1.38um		5.3MszX			1.1s	27.80nm				5.2mb
BAG	24.84	108	eP	53	05.80	1.2				LR	26	38.00		LBF	72.64	314	eP	59	09.10	-0.7
DL2	24.93	53	Pd	53	05.30	0.3	SOP		64.21	312 e(P)c	58	18.00	0.6		1.0s	26.60nm				5.2mb
			pP	53	17.00	46kmX			1.5s	66.90nm		5.5mb		SMF	72.84	314	eP	59	10.50	-0.5
			eS	57	22.00		AVY		64.90	231 ePd	58	20.40	-2.0		1.1s	37.60nm				5.3mb
KGM	25.07	163	ePc	53	07.20	0.7	NB2		64.95	328 P	58	21.20	-0.8	SSF	72.91	314	eP	59	10.80	-0.6
QUE	25.88	286	eP	53	16.00	1.7			0.7s	18.40nm		5.3mb			1.0s	42.80nm				5.4mb
			iS	58	00.00		PRU		65.06	315 P	58	24.50	1.6	RMO	72.99	132	eP	59	12.00	-0.1
SNY	27.49	49	Pc	53	27.90	-0.8			1.2s	52.80nm		5.5mb		ADE	73.05	144	e(P)	59	14.00	1.7
			eS	58	04.00			Z	20s	1.40um		5.2Msz		AVF	73.11	314	eP	59	12.30	-0.2
KKM	27.83	133	ePc	53	34.00	1.9		N	22s	0.70um					1.1s	36.60nm				5.3mb
CN2	29.60	46	eP	53	46.00	-1.7		E	20s	1.10um				BGF	73.51	314	eP	59	14.40	-0.5
			sP	54	04.00					e	58	32.40	25km		1.1s	18.70nm				5.0mb
			ePP	54	41.00		BRT		65.25	305 eP	58	23.50	-0.7	MZF	73.81	314	eP	59	16.70	0.1
			PcP	56	51.00		CLL		65.75	317 iPc	58	28.10	0.9		1.2s	45.10nm				5.4mb
			eS	58	31.00				1.1s	12.00nm		4.9mb		EKA	73.81	324	P	59	17.00	0.6
			PcS	00	31.00					i	58	36.20	26km		1.2s	24.80nm				5.1mb
			ScS	04	20.00		KHC		65.86	314 Pd	58	29.80	1.8	TET	73.86	242	eP	59	16.00	-1.3
PLP	31.15	113	eP	54	02.10	0.4			1.1s	33.50nm		5.4mb		TCF	74.02	314	eP	59	18.10	0.2
MHI	32.63	297	eP	54	16.00	1.4				e	58	37.60	25km		1.2s	47.90nm				5.4mb
			eS	00	10.00					e	58	47.10		IMA	74.10	23	iPc	59	18.10	0.0
MDJ	32.64	47	eP	54	13.50	-1.0	LJU		65.92	311 eP	58	29.30	0.9	LSF	74.48	314	eP	59	20.30	-0.2
KHI	33.12	293	eP	54	19.60	0.7				e	58	37.80	27km		1.1s	24.80nm				5.1mb
DAV	33.97	119	eP	54	27.00	0.7	ORI		66.01	304 eP	58	38.00	8.9X	CAF	74.61	313	eP	59	21.50	0.1
			eS	59	54.00		VOY		66.36	311 eP	58	29.80	-1.6		1.2s	27.90nm				5.2mb
MAT	37.21	63	iPd	54	52.10	-1.5				i	58	39.10	30km	LDF	74.64	317	eP	59	21.30	-0.1
	1.4s	69.77nm			5.3mb		KBA		66.48	312 iP	58	31.20	-1.0		0.9s	20.90nm				5.2mb
	Z 20s	1.42um			4.8Msz				1.1s	28.90nm		5.3mb		TTA	74.70	27	eP	59	21.60	0.1
			eS	00	35.00					i	58	38.40	23km	FLN	74.80	317	eP	59	22.30	0.0
TRT	37.39	152	ePd	54	57.00	1.8				i	58	44.30		RJF	74.83	313	eP	59	23.30	0.7
SHI	38.41	285	eP	55	05.00	1.0				i	58	46.40			1.1s	43.90nm				5.4mb
IRZ	39.53	295	eP	55	14.00	0.7	TRI		66.52	311 eP	58	31.30	-1.0	GRR	75.17	317	eP	59	24.40	0.0
AAI	43.06	129	e(P)	55	44.70	2.5X				i	58	44.10	44kmX	LPO	75.28	313	eP	59	25.60	0.4
TAB	43.24	299	eP	55	47.00	3.4X				e(S)	07	18.00		MFF	75.42	315	eP	59	26.00	0.1
RTB	48.43	292	eP	56	26.00	1.3				e(SS)	11	52.00			1.6s	74.60nm				5.5mb
NAU	52.02	157	iPc	56	52.00	-0.1				e(SSS)	15	14.00		LPF	75.42	317	eP	59	26.00	0.1
BHL	52.16	294	P	56	54.00	0.7	BHG		66.63	313 iPc	58	34.20	1.2		1.2s	40.70nm				5.3mb
			S	04	18.50		SGO		66.72	305 e(P)	58	33.50	-0.1	MBC	75.44	8	iPc	59	25.80	0.3
MBL	52.46	152	eP	56	55.00	-0.5	MOX		66.75	316 eP	58	36.00	2.3		0.5s	25.00nm				5.5mb
KNA	52.49	139	eP	56	54.00	-1.7			1.2s	23.00nm		5.2mb		LFF	75.49	313	eP	59	26.90	0.6
YLV	56.22	303	iP	57	20.90	-2.0		Z	26s	1.10um		5.0MszX		AKU	75.64	337	eP	59	30.00	3.2X
MEK	56.84	156	eP	57	26.00	-1.4		N	24s	0.90um					1.4s	65.12nm				5.5mb
KJF	57.29	331	iP	57	30.00	-0.1		E	24s	0.70um				MTD	75.80	243	iPc	59	27.00	-1.6

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COL     76.80  23 iP     59 33.20  -0.1
        0 8s     38.81nm          5 5mb
FBA     76.80  23 ePc    59 33.10  -0.2
        0.8s     36.00nm          5.5mb
BNG     76.81 268 iPc    59 33.10  -1.2
        1.2s     31.70nm          5.2mb
YOU     78.00 138 eP     59 38.50  -1.9
PMR     78.15  26 iPc    59 40.30  -0.5
        0.9s     41.70nm          5.5mb
KDC     78.79  31 eP     59 43.80  -0.5
INK     79.00  17 iPc    59 45.60   0.3
        0.8s     40.00nm          5.5mb
VAL     79.08 323 eP     59 56.00  10.0X
CAN     79 09 138 eP     59 46.20  -0.2
WAM     79.61 139 eP     59 49.20   0.1
BUL     79.98 242 iPc    59 51 00  -0.6
GDH     82.27 349 eP     00 02.00  -0.6
EVA     83.09 236 eP     00 07.80   0.0
PNL     83.12  25 eP     00 08.30   1.0
BPI     83.69 237 iPc    00 07.00  -3.9X
        1.0s     36.00nm          5.5mb
PRY     84.52 237 eP     00 14.30  -0.7
BFS     85.02 237 eP     00 16.30  -1.2
        0.9s     65.55nm          5.9mb
SEK     85.16 235 e(P)   00 17.60  -0.6
        1.0s     36.00nm          5.5mb
VIR     85 60 236 iPc    00 19.50  -0.8
        1.0s     48.00nm          5.7mb
SWZ     86.27 237 iPc    00 22.50  -1.2
        0.9s     33.61nm          5.6mb
BLF     B6.65 235 eP     00 24.50  -1.0
        0.6s     21.43nm          5.6mb
YKA     88.27  14 eP     00 32.80   0.2
YKC     88.31  14 eP     00 32.00  -0.8
        0.8s     16.00nm          5.4mb
FRB     89.52 353 eP     00 39.00   0.5
KIC     96.79 280 eP     01 12.60  -0.2
FFC     97.92  10 eP     01 16.00  -1.3
        1.0s      6.00nm          5.1mb
SCH     97.95 350 eP     01 18.00   0.5
EUP     108.14  26 iPKP  06 12.00   1.7
        0.4s      0.31nm
ALQ     115.56  20 ePKP  06 23.00  -1.5
        1.0s      3.75nm
JCT     121.63  16 iPKP  06 34.50  -1.4
        0.8s     23.13nm
                  i       06 54.00
SDV     142.77 338 iPKPc 07 12.20  -4.2X
        0.6s     44.40nm
UAV     143.20 338 ePKP   07 13.50  -3.6X
BMG     145.25 341 ePKP   07 19.00  -1.5
VAO     146.26 267 ePKP   07 21.90   0.0
BOG     147.87 341 ePKP   07 28.00   2.9X
CCH     161 26 294 PKP    07 42.50  -0.1
LPB     162.36 300 ePKP   07 47.00   3.1X
      S.D  = 1.1  on 171 of 200 obs.

?  APR  24, 1985  07h 12m 05.57± 4.75s
   39.288 N ±39.3km    22.070 E ±15.4km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)

LIT       0.87   22 ePbd   12 23.30   0.9
                    eSb    12 39.30
OUR       1.81   54 ePnd   12 37.70   0.8
                    eSn    12 59.20
SOH       1 82   32 ePn    12 36.90  -0.3
                    eSn    13 01.60
KNT       1.98   18 ePnd   12 38.90  -0.5
OHR       2.07  332 ePn    12 41.00   0.2
VAY       2.07   11 ePn    12 44.00   3.3X
SRS       2.17   32 ePn    12 41.10  -1.1
      S.D  = 1.0  on   6 of   7 obs.

%  APR  24, 1985  07h 14m 21.26± 1.22s
   59.868 N ± 6.2km     4.850 E ±14.0km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                     (535)
      DUR 2.3 (BER).

BER       0.57   24 ePg    14 32.70  -0.1
                    eSg    14 41.10
ASK       0.64   15 iPg    14 33.70  -0.4
                    iSg    14 42 70
KMY       0.69  163 iPg    14 34.80  -0.1
ODD       0.92   84 iPn    14 39.00   0.1
                    iSn    14 53.90

SUE       1 19  358 iPn+   14 43 80   0.3
                    iSn    15 00.80
HYA       1.46   26 iPnd   14 47.70   0.1
                    eSn    15 08.10
      S.D. = 0.3  on   6 of   6 obs.

%  APR  24, 1985  07h 18m 30.46± 1.35s
   59.880 N ± 6.9km     4.792 E ±15.3km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                     (535)
      DUR 2.1 (BER).

ASK       0.64   18 iPg    18 43.00  -0.2
                    iSg    18 52.80
KMY       0.71  161 iPg    18 44.40   0.0
                    iSg    18 54.00
ODD       0.95   85 iPg    18 48.60   0.1
                    iSg    19 08.20
SUE       1.18  359 iPn    18 52.60   0.1
                    iSn    19 08.60
HYA       1.46   28 iPn    18 56.90   0.1
                    iSn    19 18.00
      S.D. = 0.2  on   5 of   5 obs.

*  APR  24, 1985  07h 36m 06.26± 1.40s
   40.800 N ±16.8km     19.318 E ± 8.0km
   DEPTH =  10.0km  (geophysicist)
 ALBANIA                             (391)

OHR       1.16   74 ePn    36 28.00  -0.1
                    iSn    36 46.80
BRT       1.61  273 ePg    36 34.50  -0.2
                    eSg    36 58.50
TTG       1.63  359 ePn    36 34.00  -1.0
                    eSn    36 57.00
HCY       1.76  340 ePn    36 38 00   1.1
                    eSn    37 01.00
PVY       1.86   15 ePn    36 41.50   3.0X
                    eSn    37 07.00
SKO       1.98   53 ePn    36 43.00   2.8X
BRY       2.18  345 ePn    36 48.00   4.8X
                    eSn    37 16.00
VAY       2.51   77 ePn    36 48.00   0.2
      S.D. = 1.1  on   5 of   8 obs.

   APR  24, 1985  08h 14m 58.82± 1.21s
   35.940 N ± 8.5km   141.596 E ± 9.2km
   DEPTH =  44.8 ±  8.7 km
   4.9mb (  5 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)
      Felt (I JMA) at Choshi.

CHO       0.65  251 P      15 12.40   0.7
                    iS     15 23.40
MIT       1.01  296 P      15 16.10  -0.6
                    iS     15 31.50
ONA       1 15  331 eP     15 18.00  -0.6
                    S      15 31.90
TSK       1.23  283 iPd    15 18.50  -1.4
KYS       1.39  238 eP     15 29.00   6.8X
TOK       1.51  261 P      15 27.50   3.6X
                    e      15 56.00
YOK       1.66  253 eP     15 35.00   9.1X
                    eS     15 55.00
SRY       1.92  261 eP     15 29.80   0.2
DDR       1.95  272 eP     15 29.00  -1.1
OYM       1.98  256 eP     15 32.00   1.4
FKS       2.02  334 eP     15 30.00  -1.1
                    eS     15 54.00
MAT       2.80  283 iPd    15 41.90  -0.4
                    iS     16 15.50
SHK       7.43  262 eP     16 49.20   1.8
MDJ      12.60  317 eP     18 00.00   2.1
CN2      14.66  307 eP     18 26.40   1.5
SNY      15.20  298 eP     18 32.00   0.0
BJI      20.43  289 P      19 31.00  -3.7X
XAN      26.77  276 eP     20 35 20  -1.2
GYA      31.20  262 P      21 15.00  -1.2
CD2      31.84  272 eP     21 21.00  -0.7
GTA      33.04  289 P      21 32.00  -0.1
                    i      22 25.30
WMO      41.47  298 P      22 45 00   2.0
PKI      47.94  277 eP     23 34 80  -0.5
         0.7s     13.00nm          5.1mb
KKN      47.95  277 eP     23 35.20  -0.1
         0.8s     19.00nm          5.2mb
DMN      48.17  277 eP     23 37 10   0.1

INK      55.30   27 eP     24 30.00   0.3
WB2      56.00  188 eP     24 34.20  -1.0
YKA      64.68   30 eP     25 34.20   0.3
YKC      64.74   30 eP     25 35.00   0.7
KJF      67.56  334 eP     25 52.00  -0.3
         0.6s     14.30nm          5.2mb
                    i      26 02.00
PNT      6B.B6   44 eP     26 10.00   9.4X
SUF      69.03  334 eP     26 00.00  -1.4
FFC      74.55   33 eP     26 34.00  -0.4
         1.0s      6.00nm          4.5mb
LRM      74.B3   44 ePc    26 36.90   0.4
                    e      26 47.60
NB2      75.25  337 P      26 37.80  -0.6
         0.8s      5.00nm          4.5mb
FRB      77.B0   13 eP     26 52.00  -0.5
VAY      B4.96  319 eP     27 31.40   0.9
ALQ      B5.1B   50 eP     27 33.00   1.0
      S.D. = 1.0  on  33 of  38 obs.

*  APR  24, 1985  08h 20m 08.57± 1.22s
   18.774 N ±11.4km    62.007 W ±15.4km
   DEPTH =  33.0km  (normal)
 LEEWARD ISLANDS                     ( 92)

BPA       1.72  175 eP     20 36.00  -0.7
SEG       2.41  168 eP     20 46.00  -0 5
MLG       2.71  174 eP     20 51.40   0.6
                    S      21 24.00
PAG       2.75  173 eP     20 51.70   0.4
MGG       2.92  167 eP     20 54.00   0.3
SJG       3.99  261 eP     21 09.00   0.0
YKA      56.60  334 eP     29 50.30   0 0
      S.D. = 0.6  on   7 of   7 obs.

   APR  24, 1985  08h 39m 24.53± 1.06s
   3.406 N ± 4.2km   126.783 E ± 7.6km
   DEPTH =  50.7 ± 10.2 km
   5.2mb ( 11 obs.)
 TALAUD ISLANDS                      (263)

DAV       3.85  342 eP     40 24.00   1.3
AAI       7.19  169 eP     41 13.00   3.4X
PLP       7.91  347 eP     41 21.00   1.3
BAG      14.29  335 eP     42 45.00  -0.9
MTN      16.71  165 eP     43 15.00  -1.9
KNA      19.13  174 eP     43 45.00  -1.6
QIZ      22.70  314 eP     44 23.20   0.1
QZH      22.82  341 eP     44 23.20  -0 9
GZH      23.50  328 Pd     44 30.90   0.2
WB2      24.37  163 eP     44 38.80  -0 5
                    eS     48 58.70
MBL      25.35  195 eP     44 50.00   1 5
IPM      25.72  273 ePc    44 54.10   2 6
ASPA     27.79  166 iPd    45 10.30  -6 7
SSE      28.04  350 Pd     45 13.60   0 5
         1.0s     27.00nm          4.8mb
LOE      28.24  301 eP     45 15.00  -0 1
NJ2      29.45  346 Pc     45 25.00  -0.8
CTA      30.18  141 iPd    45 31.20  -1 2
         1.1s     17.09nm          4.7mb
CHG      31.23  301 iPg    45 41.60  -0.2
         1.0s     15.00nm          4.7mb
KMI      31.64  315 eP     45 46.00   0.5
TIA      33.84  346 eP     46 04.10  -0 1
MRWA     34.05  197 eP     46 06.00  -0.1
XAN      34.73  333 eP     46 10.00  -1.9
CD2      34.93  324 eP     46 13.30  -0.5
TIY      36.59  341 eP     46 27.30  -0 4
BJI      37.71  347 eP     46 37.00   0.1
STK      37.81  159 iPd    46 38.10   0.2
SNY      38.36  356 iPc    46 42.50   0.1
LZH      38.81  330 eP     46 46.00  -0.4
         1.5s     55.00nm          5.2mb
HHC      39.72  342 eP     46 54.00   0 1
ADE      39.78  165 iPc    46 55.60   1 2
CN2      40.24  359 eP     46 55.80  -3 2
MDJ      41.11    3 eP     47 04.50  -6 6
YOU      42.65  153 iPc    47 18.80   6 3
LSA      42.69  312 Pc     47 19.70   6 5
BFD      42.96  161 iPd    47 21.20   6 3
GTA      43.40  329 P      47 24.20   0 1
CAN      43.80  153 iPc    47 28.10   0 9
WAM      44.48  154 eP     47 33.10   0 4
PKI      46.20  306 eP     47 46.80  -0 1
KKN      46.39  306 eP     47 48.40   0.1
         0.5s     21.00nm          5.3mb
```

24d 08h

DMN 46.46 306 eP 47 49.20 0.3
0.7s 25.00nm 5.3mb
HYB 49.27 290 ePd 48 10.50 -0.2
1.0s 50.00nm 5.5mb
WMQ 53.02 325 P 48 38.50 -0.2
POO 53.88 290 iP 48 44.50 -0.8
1.3s 76.92nm 5.6mb
QUE 62.36 302 eP 49 44.00 -0.8
MHI 69.75 307 eP 50 31 00 -0.7
IR2 76.56 306 (P) 51 12.00 0.3
TTA 81 16 27 eP 51 36.60 0.6
BPR 82 46 18 eP 51 44.00 1.5
IMA 82.66 24 eP 51 44.60 0.8
SBA 84.01 172 eP 51 32.30 -18.0X
PME 84.25 29 eP 51 51.90 0.1
0.9s 16 70nm 5.1mb
INK 90.45 22 eP 52 23.00 1.3
DAG 97.60 352 iPc 52 53.90 -0.4
0.8s 13 43nm 5.5mb
NB2 99.10 334 P 53 00.00 -1.4
1.1s 6.80nm 5.1mb
ALQ 117.20 48 ePKP 58 07.50 0.9
0 9s 2.52nm
S.D. = 0.9 on 54 of 56 obs.

APR 24, 1985 09h 33m 05.12± 1.55s
63.194 N ± 8.2km 150.714 W ± 6.7km
DEPTH = 150.0 ± 32.5 km
CENTRAL ALASKA (1)

PWA 1.60 166 iPd 33 36.10 0.1
PME 1.76 153 iPd 33 37.40 -0.4
FBA 2.14 36 iPc 33 42.30 0.0
TOA 2.36 116 eP 33 45.60 0.5
TTA 2.43 266 iPc 33 46.30 0.4
SVW 3.11 230 iPc 33 54.20 -0.3
IMA 3.16 337 ePd 33 55.00 -0 1
DWY 5.11 75 P 34 20.50 -0 2
S D = 0.4 on 8 of 8 obs.

% APR 24, 1985 09h 36m 37.81± 2.61s
39.597 N ±23.1km 29.432 E ±12 7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.62 271 ePn 36 49.40 -1.0
GPA 0.97 44 ePn 36 56.00 -0.2
YLV 0.97 357 iPn 36 56.70 0.4
KCT 1.05 309 ePn 36 56.70 -1.0
TTK 1.08 279 iPn 36 59.70 1.5
S.D. = 1.5 on 5 of 5 obs.

% APR 24, 1985 09h 46m 38.96± 3.02s
39.510 N ±25.2km 29.511 E ±13.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0 69 278 iPn 46 51 60 -1.0
GPA 0.99 38 ePn 46 57.90 0.1
YLV 1.06 354 iPn 46 58.70 -0 3
KCT 1.15 310 iPn 47 00.70 0.1
TTK 1.16 283 iPn 47 01.70 1.0
S.D. = 1.1 on 5 of 5 obs.

% APR 24, 1985 09h 48m 47.00± 2.42s
39.564 N ±20.9km 29.478 E ±11.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.66 274 iPn 48 59.20 -1.0
GPA 0.97 41 ePn 49 05.50 0.1
YLV 1.00 355 iPn 49 05.70 -0.4
KCT 1.10 309 iPn 49 07.70 0.0
TTK 1.12 281 iPn 49 08.70 0.6
KGT 1.89 299 ePn 49 20.20 0.6
S D. = 0.8 on 6 of 6 obs.

APR 24, 1985 10h 31m 05.15± 0.69s
24.327 N ± 5.2km 121.502 E ± 8.0km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD 0.26 161 iPd 31 10.90 0.2
eS 31 15.00
TWC 0.42 48 iPc 31 13.10 -0 7
eS 31 19.00
TWO 0.61 265 iPc 31 17 00 -0.5

TATO 0.65 359 eP 31 18.00 -0.1
ANP 0.85 1 eP 31 22.50 0.9
TWF1 0.99 191 iPc 31 24.00 0.1
S.D. = 0.7 on 6 of 6 obs.

• APR 24, 1985 10h 52m 11.25± 0.57s
59.724 S ± 9.0km 148.776 E ±24.3km
DEPTH = 10.0km (geophysicist)
5.2mb (3 obs.)
WEST OF MACQUARIE ISLAND (701)

SBA 19.15 169 eP 56 37.10 0.4
TOO 22.27 353 iPd 57 10.00 0.3
BFD 22.92 347 eP 57 16.00 -0.1
WAM 23.55 0 eP 57 22.10 -0.1
CAN 24.42 0 eP 57 30.20 -0.5
YOU 25.46 359 eP 57 40.70 0.1
ADE 25.63 341 iPd 57 43.40 1.1
SPA 30.44 180 e(P) 58 32.50 6.7X
RMQ 33.22 360 iPd 58 50.40 0.2
ASPA 37.52 337 iPc 59 27.30 0.4
CTA 39.63 356 iPc 59 44.70 0.1
1.3s 52.88nm 5.0mb
WB2 41.06 339 eP 59 56.20 -0.1
MBL 43.68 319 eP 00 17.00 -0.6
0.4s 17.00nm 5.2mb
MTN 48.59 337 eP 00 56.00 -0.6
SWZ 81.78 229 eP 04 42.00 10.5X
CHG 88.09 314 iPc 05 07.00 4.1X
1.0s 13.00nm 5.2mb
COL 133.08 31 ePKP 11 28.00 1.0
YKA 142.25 49 ePKP 11 42.30 -1.7
BRT 144.79 260 ePKP 11 52.20 3.3X
MBC 147.25 26 ePKP 11 55.00 3.0X
1.0s 17.00nm
MNS 148.16 257 ePKP 12 01.00 6.6X
JOS 148.47 273 ePKPc 12 01.60 6.9X
1.2s 33.00nm
KRA 149.76 274 iPKPd 12 04.90 8.2X
e 12 10.40
VOY 150.18 263 e(PKP) 12 06.20 8.6X
e 12 32.50
CTI 151.31 261 iPKPd 12 09.50 10.2X
KJF 152.82 305 ePKP 12 10.00 9.3X
SUF 153.00 301 iPKP 12 11.00 10.0X
SOD 154.06 311 ePKP 11 54.00 -8.4X
S.D. = 0.7 on 15 of 28 obs.

APR 24, 1985 11h 30m 25.13± 1 23s
39.113 N ±17.0km 15.790 E ± 6.6km
DEPTH = 222.5 ± 9 5 km
4.3mb (15 obs.)
SOUTHERN ITALY (390)

ORI 1.07 28 iPd 30 56.50 -1.4
SGO 1 49 346 iPd 30 59.50 -1.5
GIB 1.79 231 iPd 30 57.20 -6.6X
iS 31 23.00
LCI 2.07 53 ePn 31 06.00 -0.3
eSn 31 40.00
AQU 3.71 332 eP 31 25.00 0.2
VLS 3.87 102 eP 31 25.00 -1.7
HCY 3.91 31 ePn 31 27.50 0.3
MNS 4.03 325 eP 31 28.00 -0.6
TTG 4.23 37 ePn 31 31.50 0.4
eSn 32 23.00
BRY 4.32 28 ePn 31 33.00 0.7
OHR 4.33 61 iPn 31 33.40 1.0
KZN 4.76 74 eP 31 39.00 1.2
SKO 5.16 55 ePn 31 43.70 0.9
iSn 32 45.50
VAY 5.64 65 iPn 31 49.50 0.7
VOY 7.05 349 eP 32 07.00 0.0
e 33 04.10
LMR 8.17 304 eP 32 29.70 8.4X
FRF 8.19 306 eP 32 29.60 8.0X
0.6s 12.50nm 4.2mb
LRG 8.32 304 eP 32 31.00 7.6X
BSF 10.89 326 eP 32 49.80 -6.5X
0.5s 6.70nm 4.2mb
GRF 11.07 344 eP 32 58.70 0.2
0.9s 21.00nm 4.4mb
CDF 11.14 329 eP 32 54.10 -5.4X
HAU 11.21 325 eP 32 54 80 -5.6X
SMF 11.55 315 eP 33 03.00 -1.6
0.5s 7.00nm 4 2mb
LBF 11.68 316 eP 33 06 50 0.2

CAF 11.74 304 eP 33 09.00 1.9
0.7s 9.90nm 4.2mb
AVF 11.90 314 eP 33 08.40 -0.7
LOR 11.92 317 eP 33 08.40 -0.9
SSF 11.98 316 eP 33 09.40 -0.6
MZF 12.03 310 eP 33 11.60 0.9
0.7s 10.20nm 4.3mb
BGF 12.06 312 eP 33 11.30 0.3
0.6s 8.60nm 4.3mb
LPO 12.22 302 eP 33 15.30 2.2
0.5s 12.20nm 4.5mb
RJF 12.25 305 eP 33 15.60 2.1
0.5s 12.20nm 4.5mb
LFF 12.61 302 eP 33 19.90 1.9
0.7s 16.30nm 4.5mb
LSF 12.68 309 eP 33 20.50 1.7
0.6s 10.00nm 4.3mb
MFF 13.86 308 eP 33 34.80 1.2
LDF 14.86 315 eP 33 43.70 -2.1
0.5s 14.50nm 4.7mb
LPF 15.08 312 eP 33 46.00 -2.5
FLN 15.15 315 eP 33 45.60 -3.7X
0.4s 8.00nm 4.5mb
GRR 15.16 313 eP 33 47.20 -2.2
HFS 21.08 357 eP 34 51.20 -1.5
0.7s 4.00nm 4.1mb
SUF 24.46 12 iP 35 24.70 -0.2
0.3s 1.20nm 4.0mb
YKA 71.19 338 eP 41 20.30 -0.8
S.D. = 1.4 on 34 of 42 obs.

APR 24, 1985 12h 16m 07.67± 0.51s
5.823 S ± 3.2km 149.167 E ± 3.9km
DEPTH = 121.7 ± 5.4 km
5.4mb (25 obs.)
NEW BRITAIN REGION (192)
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 10S, 23C
Centroid Locotion:
Origin Time 12:16:12 1 0.4
Lat 6.19S 0.04 Lon 149.25E 0.04
Dep 112.2 3.1 Holf-duration 2.3
Moment Tensor; Scole 10**24 D-CM
Mrr= 0.60 0.10 Mtt=-0 15 0.19
Mff=-0.45 0.20 Mrt= 2.65 0 11
Mrf= 0.44 0.09 Mtf= 0.33 0.13
Principol Axes:
T Vol= 2.98 Plg=48 Azm=346
N -0.53 6 83
P -2.45 41 178
Best Double Couple:Mo=2.7*10**24
NP1:Strike=322 Dip= 7 Slip= 150
NP2: 83 86 84

LAT 2.31 249 eP 16 47.50 1.9
LMG 3.23 198 iPc 16 56.80 -1.1
RAB 3.40 62 eP 17 01.00 0.9
MDG 3.42 279 eP 17 06.00 5.7X
KVG 3.61 27 iPd 17 04.00 1.1
PMG 4.08 209 iPc 17 10.40 1.1
MOM' 4.15 335 iPd 17 13.70 3.6X
BGA 5.99 93 iPd 17 32.80 -2.6
eS 18 25.00
PAA 6.31 95 iPc 17 36.80 -2.9
eS 18 39.00
SVO 11.06 108 eP 18 46.00 2.4X
HNR 11.27 109 eP 18 46.00 -0.3
CTA 14.46 191 iPd- 19 28.60 0.8
0.8s 139.55nm 5.3mb
iS 22 06.00
ISO 17.50 211 iPd 20 06.60 1.0
0.5s 89.00nm 5.3mb
MTN 19.11 247 iPc 20 23,20 -0.5
0.6s 146.00nm 5.5mb
GUA 19.69 348 eP 20 30.20 0.3
1.2s 562.50nm 5.8mb
GUMO 19.75 348 eP 20 31.30 0.9
PJG 19.75 348 eP 20 31.30 0.9
WB2 20.11 224 iPd 20 33.70 -0.4
iS 24 13.00
iScP 28 10.20
RMQ 20.55 181 iPd 20 39.20 0.6
0.8s 696.00nm 6.1mb
AAI 21.01 275 eP 20 59.00 15.8X
PVC 22.14 124 iP 20 55.00 0.7
KNA 22.31 242 eP 20 56.00 0.0

```
       0.3s    85.00nm          5.6mb
ASPA  23.04 218 iPd   21 04.30   1.2
NOU   23.40 136 iPc   21 05.50  -1.0
COO   24.76 174 eP    21 20.00   0.5
CMS   25.72 187 iPc   21 28.20  -0.2
       1.0s   139.00nm          5.5mb
STK   26.88 194 iPc   21 38.20  -0.7
       0.5s    22.00nm          5.0mb
YOU   28.32 181 iPd   21 51.50  -0.5
                epP   22 18.60 127kmX
                eScP  28 34.50
CAN   29.35 180 iPc   22 01.30   0.1
                epP   22 27.20 119kmX
                eScP  28 36.30
WAM   30.23 180 eP    22 09.00   0.2
                epP   22 32.20 104kmX
                eScP  28 40.60
ADE   30.57 197 iPc   22 11.70  -0.2
       0.7s    38.36nm          5.2mb
TOO   31.78 186 eP    22 22.00  -0.5
BFD   31.79 190 eP    22 22.00  -0.5
MBL   32.25 239 eP    22 26.00  -0.7
       0.4s   150.00nm          6.1mb
MEK   35.77 231 iPc   22 57.10   0.2
       0.5s    85.00nm          5.8mb
BAG   35.89 308 eP    22 56.00  -2.1
NAU   36.49 240 iPd   23 03.40   0.4
       0.5s    30.00nm          5.4mb
KLB   39.00 225 eP    23 23.50  -0.4
       0.6s    72.00nm          5.6mb
MRWA  39.02 229 eP    23 24.00  -0.1
       0.5s    27.00nm          5.3mb
AFI   39.26 105 (P)   23 26.00  -0.3
NWAO  40 12 224 eP    23 33.20   0.1
MUN   40.31 226 iPc   23 35.00   0.4
RKG   40.94 222 eP    23 43.00   3.2X
       0.5s    21.00nm          5.1mb
TCW   41.77 151 P     23 46.70   0.3
GNZ   41.84 145 P     23 47.50   0.5
DDR   42.64 348 eP    23 55.40   1.7
TSK   42 67 349 eP    23 54.00   0.2
SHK   43.05 340 ePc   23 57.30   0.3
MAT   43.37 347 iPd   23 59.20  -0.4
       0.8s    51.49nm          5.3mb
    Z  20s     0.53um           4.4Msz
                eS    30 20.00
GZH   45.29 311 eP    24 10.50  -4.5X
                epP   24 40.00 129kmX
                S     30 49.20
SSE   45.42 326 eP    24 16.00   0.1
    Z  20s     0.70um           4.6Msz
                pP    24 43.00 117kmX
                sP    24 56.00
                S     30 48.00
                sS    31 36.00
NJ2   47 46 324 Pc    24 32.00   0.0
                pP    25 00.00 121kmX
                sP    25 14.00
                iS    31 20.00
TIA   51.48 327 eP    25 02.40  -0.4
                epP   25 30.50 119kmX
                esP   25 43.80
                eS    32 07.50
                esS   33 00.00
LOE   52.23 297 eP    25 06.00  -2.6
SNY   52.87 336 iPc   25 13.00   0.1
                pP    25 42.00 123kmX
                sP    25 55.00
                PP    27 12.00
                eS    32 30.50
MDJ   53 21 343 Pd    25 16.20   0.8
                pP    25 45.00 122kmX
                sP    25 57.00
                eS    32 35.00
                sS    33 30.00
CN2   53.84 339 Pc    25 19.00  -1.1
                pP    25 47.00 118kmX
                sP    26 01.00
                ePP   27 22.00
                ePPP  28 28.00
KMI   54.61 306 eP    25 26.00  -0.4
BJI   54.83 329 eP    25 27.50   0.2
XAN   54.94 319 eP    25 26.40  -1.9
                pP    25 56.00 125kmX
                S     33 00.00
TIY   55.18 325 eP    25 30.00  -0.1
                S     33 01.50

CHG   55.20 298 eP    25 28.50  -2.0
HHC   57.84 327 eP    25 48.00  -0.9
BTO   58.52 326 eP    25 53.00  -0.7
                pP    26 22.00 120kmX
                eS    33 49.50
LZH   59.50 318 eP    26 00.50  -0.1
       2.0s   141.00nm          5.7mb
PMO   62.40 104 iP    26 21.10   0.9
       0.8s    20.00nm          5.1mb
                ipP   26 48.50 111kmX
TPT   62.66 104 iP    26 23.40   1.5
       0.8s     8.00nm          4.7mb
                ipP   26 50.00 107kmX
RUV   62.89 104 iP    26 24.80   1.3
       0.8s    15.00nm          5.0mb
                ipP   26 51.60 108kmX
GTA   64.00 319 eP    26 30.30  -0.3
ADK   64.45  23 eP    26 33.10   0.1
SBA   72.58 176 eP    27 22.00  -0.8
SDN   73.74  27 eP    27 29.60  -0.3
WMQ   74.07 319 eP    27 32.80   0.6
                pP    28 02.00 115kmX
TTA   80 06  22 eP    28 05.70   0.7
PME   82.18  25 eP    28 16.10   0.1
       0.8s    29.10nm          5.1mb
IMA   82.64  20 eP    28 19.20   0.7
COL   84.19  22 eP    28 25.00  -1.2
       0.8s    38.43nm          5.3mb
FBA   84.19  22 ePd   28 25.50  -0.7
       0.8s    42.80nm          5.4mb
SPA   84.22 180 iPd   28 27.10   0.6
       0.9s    57.27nm          5.5mb
                e     28 57.30
BRW   84.67  15 eP    28 29.30   0.8
PNL   85.76  29 eP    28 35.00   0.9
INK   90.71  21 ePd   28 57.20  -0.3
                pP    29 27.00 113kmX
MBC   95.97  14 eP    29 22.00   0.5
EUR   97.42  51 iP    29 30.80   1.7
       0.5s     1.33nm          4.7mb
YKA   98.01  28 eP    29 31.80   0.9
YKC   98.07  28 eP    29 32.00   0.8
CAR  143.99  80 iPKPd 35 19.00 -12.5X
       0.3s    72.73nm
VAO  147.30 152 ePKP  35 39.60   2.8X
BAO  152.74 142 PKP   35 52.50   7.3X
      S.D. = 1.0  on  80 of  89 obs.

%  APR  24, 1985  12h 38m 57.39± 0.72s
    60.294 N ± 5.9km    5.390 E ± 9.6km
    DEPTH =  10.0km  (geophysicist)
  SOUTHERN NORWAY                 (535)
      DUR 2.0 (BER).

BER    0 10 341 iPg   38 59.90  -0.2
                iSg   39 01.50
ASK    0.21 333 iPg   39 01.70  -0.3
                iSg   39 05.90
ODD    0 73 118 iPg   39 11.60  -0.1
                iSg   39 21.60
SUE    0.83 338 iPn   39 13.70   0.4
                eSn   39 24.40
                iSg   39 27.80
HYA    0.96  24 iPn   39 15.70   0.1
                eSn   39 29.90
                iSg   39 32.50
KMY    1.09 184 iPn   39 17.90   0.1
                iSn   39 32.40
      S.D. = 0.3  on   6 of   6 obs.

    APR  24, 1985  12h 57m 59.60± 0.84s
    42.204 N ± 9.5km   24.408 E ± 6.9km
    DEPTH =  10.0km  (geophysicist)
  BULGARIA                        (359)

PLD    0.24 114 iPgc  58 05.00   0.3
                iSg   58 08.00
MMB    0.80 220 iPgd  58 15 00  -0.1
                Sg    58 26.00
KDZ    0.90 128 iP    58 15.00  -1.8
                iS    58 34 00
VTS    0.98 294 iPgc  58 17.00  -1.2
                iSg   58 23.00
PVL    1 10  31 eP    58 20.00  -0 2
JMB    1.63  80 ePg   58 30 00   1 5
                Sg    58 54.00
VAY    1 63 238 ePn   58 30.00   1.5
      S.D. = 1.5  on   7 of   7 obs.

%  APR  24, 1985  13h 24m 29.05± 2.86s
    16.194 N ± 9.7km   61.279 W ±18.5km
    DEPTH =  77.6 ± 25.3 km
  LEEWARD ISLANDS                 ( 92)

SFG    0.10  54 iP    24 41.03  -0.3
MGG    0.28 188 iP    24 41.11   0.1
                S     24 50.00
SEG    0.30 314 iP    24 41.67   0.5
PAG    0.42 247 eP    24 42.10   0.8
                S     24 52.00
MLG    0.43 252 eP    24 42.33   0.1
BTG    0.47 244 eP    24 42.07  -0 4
MDN    0.88 188 eP    24 46.89   0 1
BPA    1.01 327 eP    24 48.29  -0.1
      S.D. = 0.4  on   8 of   8 obs.

?  APR  24, 1985  15h 25m 17.62± 3 54s
    14.981 S ±34.0km  167.421 E ±66 7km
    DEPTH = 134.1 ± 35.5 km
  VANUATU ISLANDS                 (186)

PVC    2.87 163 iPd   26 03.50   0.2
                iS    26 39.50
NOU    7.35 187 iPd   27 03.10  -0.5
                iS    28 20.00
HNR    9.15 306 eP    27 28.00   0.1
                eS    29 12.00
RMO   20.85 234 eP    29 51.00   0.6
STK   28.95 230 iPd   31 07.20   0.8
WB2   31.90 256 eP    31 31.20  -1.2
      S.D. = 1.2  on   6 of   6 obs.

?  APR  24, 1985  16h 21m 16.08± 1.40s
    1.961 N ±27.5km  123.793 E ±27.8km
    DEPTH = 362.4 ± 18.3 km
    4.5mb (  2 obs.)
  MINAHASSA PENINSULA             (265)

AAI    7.13 142 ePd   23 01.20   0.2
KKM    8.58 298 ePc   23 17.90  -0.2
MBL   23.30 189 eP    25 55.00   0.2
WB2   24.11 155 eP    26 01.80  -0.4
MEK   28.85 190 iPc   26 44.30  -0.3
       0.4s    11.00nm          4.5mb
MRWA  31.89 193 eP    27 11.00   0.1
GBA   47.26 287 Pd    29 16.70   0 3
       0.4s    12.20nm          4.5mb
      S.D. = 0.4  on   7 of   7 obs.

*  APR  24, 1985  16h 21m 59.42± 0.93s
    51.302 S ±10.6km  160.282 E ±16.7km
    DEPTH =  10.0km  (geophysicist)
    5.2mb (  1 obs.)
  NORTH OF MACQUARIE ISLAND       (165)

MCQ    3.30 194 iPd   22 51.30  -0.8
WAM   17.17 327 eP    26 02.50   1.7
                eTT   41 22.00
GNZ   17.76  51 e(P)  26 08.00  -0.2
CAN   17.92 329 eP    26 10.70   0 4
                eTT   41 34.60
CTA   33.05 335 iPd   28 34.90  -2 1
       2.0s    61.76nm          5 2mb
ASPA  34.27 314 eP    28 47.00  -0.7
KLG   35.18 291 eP    28 55.00  -0 4
WB2   37.34 317 eP    29 12.20  -1 4
SPA   38.89 180 e(P)  29 27.50   1 0
CHG   87.95 304 eP    34 53.00   2 4
INK  128.93  26 ePdiff38 12.00  18 6X
FRB  151.76  45 ePKP  41 50.00   2.3X
      S.D. = 1.6  on  10 of  12 obs.

?  APR  24, 1985  16h 39m 44.19± 2.21s
    5.632 S ±24.4km   29.266 E ±43.2km
    DEPTH =  10.0km  (geophysicist)
    4.2mb (  1 obs.)
  LAKE TANGANYIKA REGION          (572)

KRI   11.13 178 ePn   42 26.00  -0.7
                eSn   44 31.00
                eLg   45 35.00
TET   11.27 158 eP    42 28.00  -0 4
                eSn   44 34.00
                eSg   45 41.00
```

24d 16h

MTD	11.31	169	iPn	42 30.00		1.0
			eSn	44 40.00		
			eLg	45 44.00		
BUL	14.44	182	ePn	43 11.00		0.2
			eSn	45 43.00		
			eLg	47 26.00		
BNG	14.65	313	ePc	43 13.50		0.0
	0.9s		6.90nm		4.2mb	
			iS	46 08.00		
			Lg	47 26.00		
	S D = 0.9		on 5 of 5 obs.			

APR 24, 1985 17h 05m 16.35± 0.60s
36.515 N ± 8.4km 141.741 E ± 7.0km
DEPTH = 33.0km (normal)
4.8mb (3 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (I JMA) at Mito.

ONA	0.80	303	eP	05 30.00		-1.1
			S	05 39.40		
MIT	1.03	263	P	05 34.70		0.2
			iS	05 47.70		
FKS	1.60	321	eP	05 42.00		-0.6
TOK	1.81	243	P	05 47.10		1.5
			eS	06 09.00		
SEN	1.87	339	eP	05 47.00		0.5
			S	06 06.60		
MAT	2.84	272	iPc	06 00.90		0.5
			iS	06 35.30		
SHK	7.65	258	eP	07 08.20		-0.1
MDJ	12.27	315	eP	08 16.50		4.9X
XAN	26.84	275	eP	10 54.50		-1.2
GYA	31.40	261	P	11 35.40		-1.3
CD2	31.94	271	eP	11 41.40		0.1
PKI	47.99	276	eP	13 55.00		0.5
KKN	48.00	276	eP	13 56.10		1.6
	0.6s		6.00nm		4.8mb	
INK	54.74	27	eP	14 45.00		0.6
WB2	56.58	188	eP	14 56.80		-1.4
YKA	64.12	30	eP	15 49.70		0.5
YKC	64.19	30	eP	15 50.00		0.4
FFC	74.00	33	eP	16 50.00		-0.1
	0 8s		10.00nm		4.9mb	
NB2	74.77	337	P	16 54.20		-0.4
	0.9s		5.40nm		4.5mb	
FRB	77.22	13	eP	17 08.00		-0.2
	S.D. = 0.9		on 19 of 20 obs.			

& APR 24, 1985 17h 17m 48.61s
60 146 N 153.299 W
DEPTH = 138.4km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.24	61	iP	18 07.28		1.0
			eS	18 21.86		
RED	0.38	44	iPc	18 07.90		1.1
OPT	0.50	176	iPc	18 08.30		-0.6
PDB	0.58	232	iP	18 08.28		-1.0
			eS	18 24.00		
RDT	0.62	46	iP	18 09.24		-0.4
AUL	0.77	185	iPc	18 09.80		-0.8
AUH	0.79	185	eP	18 10.15		-0.7
HOM	0.97	120	iPd	18 11.70		-0.5
NKA	1.18	59	iP	18 15.04		0.8
SPU	1.21	30	iP	18 13.93		-0.7
CNPW	1.21	120	iPd	18 13 70		-0 9
CCD	1.23	188	iPc	18 13.30		-1.5
CRP	1.26	26	iP	18 14.72		-0.5
BRLK	1.27	196	iP	18 14.25		-1.0
CGLM	1.33	28	iP	18 15.15		-0.7
SVW	1.50	311	iPc	18 16.10		-1.6
SLKM	1.57	75	eP	18 16.91		-1.6
SUA	1.82	42	iP	18 20.20		-1.3
SEW	1.93	90	eP	18 20.85		-1.7
MPA	1.99	78	eP	18 21.50		-1.8
SKT	2.03	24	iP	18 22.52		-1.4
PMS	2.14	57	eP	18 23.14		-2.1
PTE	2.23	69	eP	18 23.78		-2.5
PWA	2.25	46	iPc	18 23.10		-3.4
KDC	2.44	170	iPd	18 25.10		-3.8
PLRM	2.50	53	eP	18 26.77		-2.9
PME	2.56	53	iPc	18 27.50		-2.9
GHO	2.69	51	iP	18 29.31		-2.8
			eS	19 01.40		
KNK	2.69	60	eP	18 29.17		-3.0
MSE	2.71	49	iP	18 29.52		-2.9
CFI	2.92	67	eP	18 31.40		-3.5
SML	2.94	53	iP	18 32.31		-3.1
TTA	3.08	336	iPc	18 34.90		-2.4
GLI	3.16	74	eP	18 34.91		-3.2
TTV	3.18	71	eP	18 35.29		-3.2
SCM	3.37	57	eP	18 37.98		-3.0
HIN	3.40	83	eP	18 38.99		-2.3
FID	3.43	77	eP	18 37.82		-4.0
VZW	3.45	72	eP	18 38.84		-3.2
VLZ	3.57	71	eP	18 40.83		-2.7
MID	3.59	99	eP	18 41.30		-2.5
KLU	3.86	66	eP	18 44.30		-3.2
TOA	3.98	57	iPc	18 46.60		-2.4
SGAM	4.04	81	iP	18 47.37		-2.5
SNH	5.23	85	eP	19 04.00		-1.8
FBA	5.41	26	iPc	19 05.00		-3.2
BALM	5.47	76	eP	19 06.92		-2.3
IMA	5.95	359	ePc	19 13.00		-2.6
SDN	6.17	222	eP	19 13.50		-4.9
PNL	7.01	88	eP	19 26.90		-3.1
INK	11.81	38	eP	20 30.00		-3.5
YKA	18.53	66	eP	21 55.40		-1.2
	52 obs. associated					

? APR 24, 1985 17h 40m 18.14± 1.61s
17.740 N ±41.8km 63.675 W ±18.3km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

BPA	1.87	111	eP	40 48.34		-0.1
			S	41 14.40		
SJG	2 39	279	iPc	40 55.80		0.0
SEG	2.46	122	eP	41 01.00		4.1X
			S	41 35.00		
MLG	2 51	131	iP	40 57.60		-0.1
PAG	2.56	131	eP	40 58.00		-0.3
			S	41 28.50		
MGG	2.90	128	eP	41 03.32		0.4
	S.D. = 0.3		on 5 of 6 obs.			

& APR 24, 1985 17h 46m 15.71s
60.672 N 152.119 W
DEPTH = 83.3km
SOUTHERN ALASKA (2)
<AGS-P>.

RDT	0.17	235	eP	46 27.61		1.2
			iS	46 37.43		
NKA	0.44	80	iP	46 30.79		1.4
SPU	0.51	4	iP	46 29.52		-0.6
			eS	46 40.50		
CRP	0.60	358	iP	46 30.59		-0.4
			eS	46 42.31		
ILM	0.60	215	iP	46 30.35		-0.5
			iS	46 42.22		
CGLM	0.64	5	iP	46 30.92		-0.4
SLKM	0.95	99	iP	46 33.86		-0.8
SUA	1.04	39	eP	46 35.31		-0.5
			eS	46 50.89		
BRLK	1.10	145	eP	46 35.62		-0.9
SKT	1.34	12	eP	46 38.71		-0.8
PDB	1.36	230	iP	46 38.78		-1.0
MPA	1.37	96	eP	46 38.97		-0.9
PMS	1.37	64	eP	46 39.46		-0.5
SEW	1.44	112	eP	46 39.64		-1.1
PWA	1.46	47	eP	46 41.29		0.2
PTE	1.53	81	eP	46 40.55		-1.4
PLRM	1.72	56	eP	46 44.30		-0.1
SVW	1.77	286	eP	46 42.54		-2.6
PME	1.78	56	eP	46 44.63		-0.6
GHO	1.90	53	eP	46 45.33		-1.6
MSE	1.92	51	eP	46 42.97		-4.3
KNK	1.93	66	eP	46 45.83		-1.5
SML	2.16	56	eP	46 48.62		-1.8
CFI	2.19	75	iP	46 49.26		-1.5
GLI	2.47	83	eP	46 51.50		-3.2
VZW	2.75	79	eP	46 55.70		-2.9
FID	2.77	86	eP	46 52.59		-6.3
KLU	3.12	72	eP	47 01.23		-2.5
	28 obs. associated					

APR 24, 1985 18h 17m 56.71± 0.51s
36.359 N ± 3.5km 70.683 E ± 2.4km
DEPTH = 211.8 ± 5.5 km
4.9mb (44 obs.)
HINDU KUSH REGION (718)

KSH	5.21	52	iPd	19 16.00		1.3
			S	20 11.00		
QUE	6.90	208	eP	19 36.00		-0.6
			eS	20 54.00		
MHI	9.03	273	iPc	20 03.00		-1.3
			e	20 29.00		
			eSn	21 34.00		
NDI	9.43	142	eP	20 07.60		-1.7
KHI	10.09	261	iP+	20 18.80		0.7
WMQ	14.99	55	P	21 18.50		-1.0
			S	24 03.00		
DMN	15.02	121	iPc	21 18.80		-1.3
KKN	15.02	121	iPc	21 18.20		-1.9
PKI	15.25	121	eP	21 21.60		-1.4
IR2	16.03	273	eP	21 34.00		1.8
SHI	16.63	251	eP	21 40.00		0.5
POO	17.98	170	iPd	21 56.00		2.0
	0.8s		67.16nm		5.1mb	
			iS	25 24.00		
LSA	18.39	105	Pc	22 00.90		2.2
KER	19.33	271	eP	22 09.00		1.0
TAB	19.46	282	eP	22 11.00		1.6
HYB	20.11	158	iPd	22 16.70		0.8
	1.0s		290.00nm		5.8mb X	
			eS	25 49.50		
GTA	23.15	74	iPc	22 47.40		1.9
			pP	23 30.60		
			sP	23 55.40		
			PcP	26 27.80		
			ScS	33 29.20		
LZH	26.68	81	eP	23 19.00		0.9
CD2	27.98	92	P	23 30.60		0.8
KMI	29.61	103	eP	23 45.00		0.6
CHG	30.38	118	eP	23 52.50		1.5
XAN	31.20	83	Pc	23 57.30		-0.7
HHC	32.05	69	P	24 05.70		0.2
GYA	32.10	98	Pd	24 06.40		0.4
			PcP	26 49.20		
			S	29 02.00		
TIY	33.16	75	eP	24 15.00		0.0
LOE	33.30	116	eP	24 15.00		-1.3
VRI	34.08	300	eP	24 24.00		1.3
JMB	34.31	294	iP	24 16.00		-8.7X
KDZ	35.31	293	iP	24 33.00		-0.1
BJI	35.64	70	P	24 36.00		0.1
WHN	36.66	86	P	24 45.00		0.5
VTS	36.79	295	iP	24 47.00		1.5
VAY	37.42	293	eP	24 51.00		0.2
NUR	37.79	324	iPc	24 54.00		0.3
KJF	37.89	331	iP	24 54.40		0.0
	1.0s		80.00nm		5.3mb	
			i	26 27.00		
SUF	37.91	328	iPc	24 55.10		0.5
	0.7s		62.40nm		5.3mb	
SKO	38.16	294	eP	24 57.00		0.0
JOS	38.29	305	eP	24 58.30		0.3
KRA	38.69	307	eP	25 02.00		0.7
			e	25 05.20		
GZH	39.03	98	iPd	25 05.80		1.4
SOD	39.76	335	iP	25 10.40		0.6
SRO	39.81	304	iPc	25 11.50		1.1
KEV	40.84	338	iP	25 19.00		0.4
	0.8s		83.60nm		5.3mb	
SOP	41.00	303	iPc	25 20.40		0.2
UPP	41.03	322	iPc	25 20.00		-0.2
	0.8s		100.00nm		5.4mb	
			i	27 00.30		
VKA	41.11	304	i(P)	25 22.00		0.8
	0.6s		25.00nm		4.9mb	
CN2	41.90	62	eP	25 28.80		1.2
IPM	42.16	131	iPc	25 31.30		1.3
	0.8s		23.40nm		4.7mb	
			e	26 27.30		
PRU	42.17	307	Pc	25 30.90		1.1
			ePP	27 13.50		
KHC	42.86	306	P	25 35.80		0.4
			e	27 08.00		
SGO	42.97	293	eP	25 37.50		1.2
HFS	43.02	322	iPc	25 36.40		-0.1
	0.4s		67.00nm		5.5mb	
CLL	43.08	309	iPc	25 36.90		-0.2
	1.0s		15.00nm		4.4mb	
			e	27 24.00		
KBA	43.23	303	iPc	25 38.50		-0.1
	0.5s		8.80nm		4.5mb	
			i	26 26.60		
MOX	44.00	308	iPc	25 45.00		0.5

GRF 44.34 307 iPc 25 48.50 1.3
0 6s 18.00nm 4.7mb
NB2 44.34 323 P 25 46.60 -0.5
0.4s 27.50nm 5.1mb
MNS 44.49 296 eP 25 48.00 -0.5
CTI 44.53 302 eP 25 48.60 -0.3
OGA 44.83 303 iPc 25 50.40 -1.0
0.5s 28.00nm 4.9mb
OSS 45.46 303 eP+ 25 56.00 -0.3
SAX 45.90 304 eP+ 25 59.60 -0.4
VDL 45.95 303 eP+ 25 59.70 -0.5
LLS 46.20 303 eP+ 26 01.70 -0.5
SLE 46.39 304 eP+ 26 03.40 -0.1
WTS 46.87 310 eP 26 07.50 0.4
0.9s 12.00nm 4.3mb
MMK 47.06 302 eP+ 26 08.00 -1.0
CDF 47.08 306 eP 26 08.90 -0.1
ORO 47.13 302 eP 26 07.50 -1.9
CVF 47.20 297 eP 26 09.30 -0.5
0.7s 14.60nm 4.5mb
DIX 47.43 302 eP+ 26 11.60 -0.3
BSF 47.51 305 eP 26 11.80 -0.4
0.7s 29.30nm 4.8mb
MEM 47.55 309 P 26 12.80 0.5
ENN 47.58 309 eP 26 12.50 -0.1
WLF 47 61 307 Pc 26 13.50 0.7
EMS 47 76 302 eP+ 26 14.10 -0.2
HAU 47.77 305 eP 26 13.90 -0.2
0.5s 0.30nm 3.0mb X
DOU 48.53 308 Pc 26 20.20 0.3
e 42 17.90
FRF 48.53 299 eP 26 19.70 -0.3
0.6s 9.80nm 4.4mb
LMR 48.68 299 eP 26 20.70 -0.5
LRG 48.76 299 eP 26 21.30 -0.4
LBF 49.55 304 eP 26 27.10 -0.7
LOR 49.57 305 eP 26 27.10 -0.8
SMF 49 72 304 eP 26 28.60 -0.5
0.6s 12.00nm 4.6mb
SSF 49.85 304 eP 26 29.50 -0.5
AVF 50.01 304 eP 26 30.80 -0.4
0.6s 9.30nm 4.5mb
BGF 50.41 304 eP 26 33.50 -0.8
0.5s 4.90nm 4.3mb
MZF 50.67 304 eP 26 36.20 -0.1
0.7s 11.20nm 4.5mb
TCF 50.90 304 eP 26 37.90 -0.1
0.7s 13.20nm 4.6mb
CAF 51.36 302 eP 26 41.50 0.0
0.9s 12.10nm 4.4mb
LSF 51.37 304 eP 26 40.70 -0.8
0.6s 5.80nm 4.3mb
RJF 51.63 303 eP 26 42.80 -0.7
0.7s 6.60nm 4.3mb
LDF 51.86 307 eP 26 44.70 -0.4
LPO 52.02 302 eP 26 46.10 -0.3
FLN 52.05 307 eP 26 45 50 -1.0
LFF 52.26 302 eP 26 48 10 0.0
0.6s 6.60nm 4.4mb
GRR 52.38 307 eP 26 48.20 -0.8
MFF 52.39 305 eP 26 48.20 -0.8
LPF 52.60 307 eP 26 49.80 -0.7
EPF 53.10 300 eP 26 53.40 -1.0
0.6s 7.50nm 4.5mb
MAT 53.24 68 iPc 26 54.00 -1.5
DAG 54.82 344 iPd 27 05.80 -0.6
0.8s 62.69nm 5.3mb
i 27 55 00
PLP 54.84 103 eP 27 06.00 -1.3
AKU 57.02 330 iP 27 23.50 1.4
0.8s 20.90nm 4.9mb
ALE 59.17 354 ePc 27 36.20 -0.7
0.5s 10.00nm 4.8mb
MTD 64.48 222 iPc 28 13.00 0.1
i 29 05.00
KRI 65.61 224 eP 28 19.00 -1.2
GDH 67 06 341 iPc 28 28.00 -0.6
2.0s 235.29nm 5.6mb
MBC 67.49 3 iPc 28 31.30 0.2
0 5s 82.00nm 5.7mb
BRW 67.50 15 iPc 28 31.40 0.1
BUL 68.84 222 iPc 28 41.00 0.7
NAU 72 28 137 eP 29 02.00 1.3
IMA 72.33 17 iPc 29 00.20 -0.5
MBL 73.68 133 eP 29 08.00 -0.9
EVA 73.81 218 eP 29 10.50 0.8
0.7s 17.81nm 4.9mb

BPI 74.07 219 iPc 29 08.00 -3.2X
0.8s 25.37nm 5.0mb
INK 74.10 9 iPc 29 10.70 0.1
0.7s 49.00nm 5.3mb
TTA 74.24 20 iPc 29 11.90 0.2
KIC 74.52 267 iPc 29 13.00 -1.0
COL 74.67 16 iPc 29 14.20 0.2
0.8s 83.96nm 5.5mb
FBA 74.67 16 iPc 29 14.00 0.0
0.8s 86.50nm 5.5mb
PRY 74.97 219 eP 29 17.00 0.7
MTN 75.05 119 iPd 29 15.80 -1.1
FRB 75.12 343 ePc 29 15.80 -0.7
KNA 75.42 122 eP 29 18.00 -0.9
VIR 76.22 219 iPc 29 23.80 0.5
0.9s 77.31nm 5.4mb
SWZ 76.29 221 iPc 29 24.00 0.3
0.5s 35.21nm 5.3mb
PWA 76.94 19 iPc 29 26.50 -0.2
MEK 77.18 137 eP 29 28.00 -0.5
PMR 77.18 18 eP 29 27.50 -0.5
0.8s 34.20nm 5.1mb
BLF 77.40 219 iPc 29 30.50 0.7
0.4s 15.91nm 5.1mb
MRWA 77.90 141 eP 29 32.00 -0.4
KDC 79.48 22 ePc 29 41.00 0.5
PNL 81.14 15 ePc 29 50.30 1.0
YKA 81.40 2 eP 29 51.20 0.7
YKC 81.42 2 ePc 29 51.00 0.4
0.6s 38.00nm 5.3mb
KLG 82.03 138 eP 29 54.00 -0.2
SCH 82.12 337 ePc 29 54.00 -0.5
WB2 82.14 122 iPc 29 54.00 -1.1
ASPA 84.38 125 iPc 30 05.90 -0.4
FFC 89.06 356 iPc 30 28.70 0.1
1.0s 20.00nm 5.0mb
PNT 94.21 7 eP 30 52.00 -0.5
0.6s 9.00nm 5.1mb
SPA 126.17 180 ePKP 36 33.90 -0.5
0.8s 12.50nm
MDZ 146.69 264 ePKP 37 14.30 1.4
S.D. = 0.8 on 142 of 144 obs.

• APR 24, 1985 20h 00m 59.14± 1.85s
9.608 N ± 7.3km 126.314 E ±16.6km
DEPTH = 58.3 ± 16.5 km
5.1mb (3 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

CGP 1.97 235 ePc 01 31.00 0.4
eS 01 56.00
PLP 2.03 320 ePd 01 31.30 -0.2
SSE 21.91 348 eP 05 49.50 0.5
MTN 22.81 168 eP 05 58.00 0.0
WRA 30.41 165 Pd 07 06.70 -1.6
0.9s 4.20nm 4.2mb
WB2 30.41 165 eP 07 06.10 -2.2
e 08 44.80
MBL 31.23 192 eP 07 15.00 -0.4
NAU 33.66 198 iPc 07 36.50 -0.1
MEK 36.79 192 eP 08 03.00 -0.2
MRWA 39.86 194 eP 08 29.00 0.2
MUN 42.46 193 eP 08 51.00 0.9
NWAO 43.17 191 eP 08 57.00 1.1
RKG 44.33 191 iPd 09 10.80 5.6X
HYB 46.98 285 eP 09 26.00 -0.6
YOU 48.41 155 iPd 09 38.30 0.8
CAN 49.56 156 eP 09 48 30 1.9
WAM 50.27 156 eP 09 51.60 -0.1
KJF 85.15 334 iP 13 30.20 0.3
0.5s 18.20nm 5.4mb
SUF 86.16 333 iP 13 34.60 -0.4
0.4s 7.10nm 5.2mb
NUR 87.40 331 iP 13 40.80 -0.2
S.D. = 1.0 on 19 of 20 obs.

• APR 24, 1985 20h 01m 14.39± 0.82s
15.478 N ±12.4km 121.344 E ±15.5km
DEPTH = 33 0km (normol)
4.8mb (3 obs.)
LUZON, PHILIPPINE ISLANDS (249)

MAN 0.85 198 ePc 01 53.00 23.0X
eS 02 09.00
CVP 2.26 12 eP 01 50.00 -0 2
eS 02 14.00
MAP 5.73 153 iPc 02 38.00 -1.4

GZH 10.69 316 eP 03 47.00 -1.3
QIZ 11.54 289 eP 03 53.80 -6.1X
TIA 20.99 350 eP 05 54.30 -3.0X
XAN 21.61 331 eP 06 01.50 -2.2
CHG 21.66 282 eP 06 03.50 -0.7
CD2 22.25 317 eP 06 11.20 1.1
TIY 23.51 342 eP 06 21.80 -0.6
BJI 24.88 351 eP 06 34.50 -1.0
LZH 25.79 326 eP 06 43.50 -0.8
SNY 26.33 4 eP 06 48.80 -0.2
HHC 26.67 343 eP 06 57.00 4.7X
CN2 28.45 6 eP 07 11.20 3.0X
GBA 42.49 273 P 09 13.00 4 5X
e 09 34.00
MHI 58.41 303 eP 11 11.00 1 5
INK 81.24 21 eP 13 30.00 1 5
MBC 81.69 12 eP 13 34.00 3 6X
DAG 84.97 351 iPc 13 48.70 1.5
0.6s 4.00nm 4.8mb
i 13 59.00
SLL 85.26 332 ePKP 13 51.20 2.3
0.6s 6.40nm 5.0mb
NB2 85.98 333 P 13 54.70 2.2
0.9s 4.20nm 4.7mb
YKA 90.90 23 eP 14 15.00 -0.9
YKC 90.96 23 eP 14 15.00 -1.1
S.D. = 1.5 on 17 of 24 obs.

APR 24, 1985 22h 06m 49.19± 0.24s
55.066 N ± 4.3km 158.374 W ± 3.4km
DEPTH = 33.0km (normol)
4.9mb (55 obs.) 4.5Msz (1 obs.)
ALASKA PENINSULA (12)
ML 5.1 (PMR). Felt (III) at Chignik Lake and (II) at Chignik.

SDN 1.25 284 iPc 07 11.90 1 5
KDC 4.23 48 iPd 07 51.70 -1 2
CDD 4.66 32 eP 08 01.00 2 0
PDB 5.24 24 ePd 08 07.50 0.2
CNPM 5.91 38 eP 08 15.80 -0 9
BRLK 6.21 38 eP 08 19.50 -1 4
SVW 6.23 12 eP 08 21.30 0.0
MID 7.85 51 eP 08 42.00 -1 9
TTA 7.98 8 eP 08 44.40 -1.4
PMR 8.15 33 P 08 48.00 0 0
PME 8.20 33 eP 08 46.50 -2.3X
TOA 9.49 37 eP 09 06.10 -0.5
COL 11.18 24 eP 09 25.00 -4.6X
FBA 11.18 24 eP 09 25.40 -4.2X
PNL 11.22 58 eP 09 28.30 -1.9
IMA 11.27 10 eP 09 30.50 -0.5
ADK 11.36 261 eP 09 29.40 -2.7X
BRW 16.32 2 eP 10 36.00 -1.0
INK 17.55 31 ePc 10 51.30 -1.2
0.7s 36.00nm 4.6mb
YKA 23.46 54 eP 11 57.40 1 4
YKC 23.52 54 eP 11 57.00 0.4
PNT 24.21 88 eP 12 05.00 1.5
0.8s 19.00nm 4.7mb
MBC 25.68 20 iPc 12 17.80 0.6
0.7s 43.00nm 5.2mb
pP 12 30.00 48kmX
NEW 26.16 88 P 12 21.00 -1.0
1.0s 15.00nm 4.5mb
BMN 30.79 101 eP 13 04.20 0 4
1.0s 3.00nm 4 0mb
FFC 31.68 67 eP 13 14.00 2 7X
0.8s 4.00nm 4.3mb
EUR 32.14 101 iP 13 16 00 0.2
0.2s 12.56nm 5.5mb
CWC 33.12 107 eP 13 32.00 7.7X
ISA 33.47 109 eP 13 27.00 -0.2
BDW 33.65 91 eP 13 29.00 0.1
0.9s 3.42nm 4.3mb
CLC 33.84 108 eP 13 30.00 -0 4
SBB 34.55 109 eP 13 36.00 -0.6
GSC 34.65 107 eP 13 27.00 -10.4X
MWC 34.78 110 eP 13 43.00 4.4X
TPC 35.96 108 eP 13 48.00 -0.5
RSSD 36.00 85 eP 13 49.30 0 3
0.9s 21.01nm 5.1mb
PLM 36.09 110 eP 13 49.00 -0 7
ALE 36.58 13 eP 13 51.50 -1.7
0.7s 7.00nm 4.7mb
RMU 36.64 99 eP 14 08.00 13.7X

24s 22n

GLA 37.42 108 eP 14 00.00 -0.8
PSON 37.94 69 eP 14 06.30 1.4
1.0s 4.00nm 4.2mb
GOL 38.05 91 eP 14 07.00 0.7
0.9s 3.79nm 4.3mb
ALQ 40.72 98 e(P) 14 28.00 -0.4
1.0s 6.75nm 4.3mb
FR8 42.83 41 eP 14 44.00 -1.0
DAG 45.96 12 iPd 15 09.80 -0.3
0.5s 56.34nm 5.8mb
i 15 22.00
MAT 46.19 274 eP 15 11.00 -1.4
1.0s 42.00nm 5.3mb
LTX 46.46 101 iP 15 15.00 0.3
1.0s 10.00nm 4.7mb
Z 20s 0.53um 4.5Msz
FVM 47.78 81 eP 15 30.00 5.1X
1.0s 9.00nm 4.7mb
CN2 48 42 290 iPc 15 28.50 -1.3
SCM 48.87 50 eP 15 32.00 -1.1
SNY 50.77 289 iPc 15 42.00 -5.7X
KEV 55.42 358 eP 16 21.00 -1.0
0.8s 29.30nm 5 4mb
BJI 56.00 293 eP 16 25.00 -1.5
SOD 57.82 358 iP 16 38.00 -1.1
TIY 59.69 293 eP 16 51.60 -1.0
KJF 60.97 357 eP 17 00.00 -0.8
SUF 62.50 358 iP 17 10.30 -0.8
0.7s 9.20nm 5.0mb
NB2 63.95 6 P 17 19.80 -0.9
0.8s 8.40nm 4.9mb
XAN 64.33 293 P 17 22.40 -1.2
NUR 64.75 358 iPc 17 24.80 -1.0
GTA 64.79 303 iPc 17 25.70 -0.9
HFS 64.97 4 eP 17 25.40 -1.9
0.6s 7.50nm 5.0mb
LZH 65.38 298 eP 17 30.00 -0.5
WMQ 66.70 314 Pc 17 38.00 -0.7
EKA 68.11 15 Pd 17 47.40 0.1
0.8s 8.70nm 4.9mb
DCN 69.35 18 iPc 17 54.80 -0.1
0.5s 12 00nm 5.2mb
CD2 69.49 295 eP 17 55.50 -0.7
ETA 70.16 18 eP 18 00.00 0.2
0 8s 30.00nm 5.4mb
ECB 70.37 18 eP 18 01.00 -0.2
1 0s 20.00nm 5.1mb
ECP 70.62 18 eP 18 02.50 -0.2
1.0s 45.00nm 5.5mb
GYA 71.46 290 Pd 18 08.00 -0.4
WTS 72.60 10 eP 18 15.00 0.5
ENN 73.73 10 eP 18 21.00 -0.1
1.0s 9.00nm 4.7mb
CLL 73.75 6 eP 18 21.00 -0.2
1.2s 14.00nm 4.8mb
e 18 33.00
MEM 73.89 10 P 18 22.20 0.2
DOU 74.24 11 P 18 24.90 0.8
MOX 74.33 7 eP 18 25.00 0.4
1.1s 22.00nm 5.1mb
e 18 36.50
WLF 74.84 10 P 18 28.00 0.5
FLN 74.89 15 iPc 18 27.70 -0.2
LDF 75.11 15 eP 18 29.10 0.0
PRU 75.15 5 eP 18 30.00 0.7
GRR 75.20 15 eP 18 29.90 0.3
0 8s 10.30nm 4.9mb
LPF 75.52 15 eP 18 31 90 0.4
0 8s 13.40nm 5 0mb
GWF 75 66 9 eP 18 32.60 0.3
KMC 75 96 5 iPc 18 34.70 0.7
1 0s 14.00nm 4.9mb
e 18 46 60
CDF 76 19 10 eP 18 36.00 0 6
0 9s 6.50nm 4 6mb
HAU 76.50 10 eP 18 37.50 0 4
0 8s 10.70nm 4.9mb
BSF 76.72 10 eP 18 38.80 0.4
1 0s 14.80nm 5.0mb
JOS 76.81 1 ePc 18 39.20 0.5
0.9s 13.70nm 5.0mb
GRC 76 82 13 iPc 18 38.70 -0.1
LOR 76.94 12 iPc 18 39.90 0.4
0 9s 14.70nm 5.0mb
SLE 76.95 9 eP 18 39.60 0 0
ZST 77.04 3 eP 18 40.00 0.0
e 18 52.00

MFF 77.05 15 eP 18 40.90 0.8
0.8s 21.40nm 5.2mb
SSF 77.10 13 iPc 18 40.80 0.4
0.9s 21.20nm 5.2mb
LBF 77.24 12 iPc 18 41.30 0.1
0.8s 11.10nm 4.9mb
AVF 77.35 13 iPc 18 42.30 0.6
0.8s 18.10nm 5.2mb
BGF 77.51 13 iPc 18 43.10 0.4
0.8s 13.40nm 5.0mb
SMF 77.55 12 iPc 18 43.20 0.3
1.0s 18.00nm 5.1mb
LSF 77.64 14 iPc 18 43.70 0.3
0.8s 31.00nm 5.4mb
TCF 77.69 14 iPc 18 44.00 0.3
0.8s 7.90nm 4.8mb
MZF 77.81 13 iPc 18 45.00 0.7
0.8s 12.90nm 5.0mb
LLS 77.88 9 eP 18 45.60 0.7
KBA 77.99 6 iPc 18 45.70 0.2
1.0s 18.30nm 5.1mb
OSS 78.16 8 eP 18 46.90 0.5
RJF 78.56 14 eP 18 49.10 0.7
0.9s 13.10nm 4.9mb
LFF 78.81 15 eP 18 50.60 0.8
0.9s 25.40nm 5.2mb
CTI 78.91 7 e(P) 18 50.50 0.0
CAF 79.01 14 eP 18 51.70 0.8
0.8s 9 90nm 4.9mb
ORO 79.02 10 eP 18 52.00 0.9
LPO 79.12 15 eP 18 52.00 0.5
1.0s 21.60nm 5.1mb
MLR 79.75 357 eP 18 56.00 1.0
COZ 79.96 358 eP 18 57.00 0.8
CLO 80.23 359 eP 18 57.00 -0.4
FRF 80.92 11 iPc 19 01.90 0.8
0.8s 8.70nm 4.8mb
LRG 81.00 11 iPc 19 02.70 1.2
0.8s 6.70nm 4.7mb
LMR 81.13 11 eP 19 03.30 1.1
LOE 81.44 288 eP 19 02.00 -2.2
CHG 81.80 291 eP 19 06.00 -0.1
CVF 82.13 9 iPc 19 08.20 0.7
0.8s 9.50nm 4.9mb
SKO 83.34 0 iP 19 15.30 1.6
MHI 83.38 330 iPc 19 15.50 1.4
NDI 83.97 313 eP 19 16.80 -0.4
VAY 83.98 359 eP 19 18.30 1.3
OHR 84.19 1 eP 19 19.60 1.5
BRT 84.35 3 eP 19 19.50 0.7
SGO 84.59 5 eP 19 20.50 0.5
ORI 85.15 4 eP 19 24.60 1.8
DST 85.51 355 iP 19 25.70 1.0
IR2 86.21 336 eP 19 30.00 1.6
BCK 87.52 353 iP 19 34.90 0.2
YER 87.99 355 iP 19 37.30 0.4
HYB 93.23 307 eP 20 01.00 -0.5
WB2 93.92 240 eP 20 01.20 -3.2X
WRA 93.92 240 Pd 20 03.30 -1.1
0.6s 2.10nm 4.7mb
BUL 144.73 349 iPKPc 26 23.00 -1.1
i 26 34.00
SPA 144.88 180 ePKP 26 21.00 -1.9
1.0s 6.50nm
WIN 147.37 8 iPKPd 26 25.10 -3.4X
0.8s 13.43nm
BPI 150.76 348 ePKP 26 35.60 2.0
0.8s 23.88nm
EVA 150.95 346 ePKP 26 40.30 6.4X
0.8s 25.37nm
BFS 151.61 350 iPKPd 26 40.90 6.1X
0.8s 29.85nm
SWZ 152.01 353 iPKPd 26 41.50 6.1X
0.3s 38.96nm
VIR 152.77 350 iPKPd 26 43.00 6.6X
S.D. = 0.9 on 126 of 143 obs.

• APR 25, 1985 00h 01m 45.18± 1.99s
23.839 N ± 9.2km 121.785 E ±19.9km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD 0.30 324 iPd 01 51.30 0.0
eS 01 56.10
TWF1 0.66 223 iPc 01 58.00 -0.3
TWC 0.77 4 iP 02 00.50 0.3
TATO 1.16 347 eP 02 06.50 -0.4

TWK 1.32 245 eP 02 10.00 0.4
S.D. = 0.5 on 5 of 5 obs.

% APR 25, 1985 00h 45m 24.44± 0.63s
39.059 N ± 5.4km 28.669 E ± 6.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.55 357 iPg 45 34.70 -0.8
iSg 45 43.10
ALT 1.12 90 iPg 45 44.60 -0.9
KCT 1.21 349 iPn 45 47.00 0.0
IZM 1.28 239 iPn 45 47.90 -0.4
EDC 1.43 334 iPn 45 50.30 -0.1
YLV 1.60 20 iPn 45 54.00 1.1
KGT 1.74 323 ePn 45 55.00 0.1
GPA 1.76 45 ePn 45 55.80 0.6
YER 1.95 189 ePn 45 58.40 0.5
EZN 1.97 294 ePn 46 02.60 4.4X
ISK 2.03 8 iPn 46 02.00 3.0X
CTT 2.09 355 iPn 46 04.00 4.0X
DMK 2.85 346 ePn 46 16.10 5.4X
S.D. = 0.8 on 9 of 13 obs.

APR 25, 1985 00h 57m 06.50± 0.10s
49.924 N ± 2.3km 78.969 E ± 2.0km
DEPTH = 0.0km (geophysicist)
5.9mb (115 obs.) 5.0Msz (2 obs.)
EASTERN KAZAKH SSR (329)
Underground nuclear explosion
(Dept of Energy press release
N85-016).

DDI 19.59 182 eP 01 37.00 -2.1
MHI 19.61 233 eP 01 36.00 -3.3X
0.7s 239.73nm 5.6mb
eS 05 14.00
NDI 21.25 184 iP 01 55.00 -1.4
iS 05 50.00
QUE 21.70 209 iPc 02 00.00 -1.2
KHI 21.72 231 iP+ 02 02.50 1.1
KKN 22.63 165 iPc 02 11.00 0.6
LZH 22.72 118 iPc 02 12.00 0.8
2.0s 1111.00nm 6.0mb
eS 06 04.00
DMN 22.77 166 iPc 02 12.70 0.7
PKI 22.86 165 iPc 02 13.60 0.7
TEH 24.53 245 ePc 02 31.50 2.7X
IR2 24.87 246 iPc 02 34.60 2.5
TAB 26.09 255 eP 02 46.00 2.4
BJI 27.85 96 eP 03 00.50 1.0
KER 28.02 248 eP 03 04.00 2 7X
SHI 28.44 234 eP 03 05.00 -0.2
MSL 29.12 256 eP 03 12.00 1.0
KJF 30.33 317 iPc 03 20.00 -1.5
1.0s 1060.00nm 6.7mb
KMI 30.87 135 Pc 03 37.00 10.1X
SUF 31.00 315 iPc 03 26.60 -0.8
0.5s 174.70nm 6.2mb
SOD 31.08 324 iP 03 27.10 -1.0
BOM 31.35 191 iP 03 30.00 -0.8
KEV 31.36 328 iP 03 29.40 -1.1
0.6s 146.00nm 6.1mb
i 03 59.80
POO 31.58 189 iPc 03 34.00 1.0
NUR 31.83 310 iPc 03 34.00 -0.7
Z 19s 4.30um 5.1Msz
LR 17 00.00
HYB 32.43 181 iPc 03 39.10 -1.3
0.8s 230.80nm 6.2mb
iPcP 06 27.00
RTB 33.04 254 iPd 03 47.50 2.0
IAS 33.59 286 eP 03 49.00 -1 2
TRO 34.13 327 iP 03 53.30 -1.3
ODB 34.51 283 eP 03 57.00 -1.1
VRI 34.67 284 eP 03 58.00 -1.6
PSN 34.75 280 iPd 04 02.00 1.8
CHG 34.92 146 iPc 04 02.80 0.9
0.5s 102.11nm 5 9mb
PcP 06 35.00
GPA 35.11 273 iPd 04 03.80 0.4
ISR 35.11 283 iPc 04 05.00 1.6
MLR 35.33 284 iPc 04 06.00 0.6
UPP 35.39 310 iPc 04 04.50 -1.0
1.0s 1400.00nm 6.7mb
BHL 35.43 260 Pc 04 07.00 0.7
PcP 06 36.00

ISK	35.50	275	iPc	04 07.40	0.7
YLV	35.57	274	iPc	04 07.90	0.5
CTT	35.87	276	iPc	04 10.50	0.7
CGN	35.91	282	iPd	04 11.00	0.9
ALT	35.91	271	iP	04 09.60	-0.7
DMK	35.95	277	iPd	04 10.90	0.4
CMP	36.00	284	iPc	04 01.00	-9.9X
GBA	36.24	183	P	04 12.50	-0.6
CSS	36.25	263	eP	04 14.50	1.4
JMB	36.37	279	eP	04 15.00	1.0
BDT	36.38	147	iPc	04 14.30	0.0
	0.6s	132.50nm			5.9mb
KCT	36.39	274	iPc	04 14.90	0.6
BCK	36.51	269	iP	04 14.40	-1.0
DST	36.57	273	ePc	04 16.10	0.3
SSE	36.60	105	iPd	04 16.80	0.7
	1.0s	62.00nm			5.3mb
EDC	36.66	275	iPc	04 17.20	0.8
PVL	36.93	281	iPc	04 19.00	0.3
KGT	36.96	275	iPn	04 19.40	0.4
KRA	37.08	294	iPc	04 19.60	-0.3
	1.0s	452.00nm			6.2mb
			i	04 22.60	
			i	04 24.60	
DIM	37.22	279	iP	04 22.00	0.8
LOE	37.26	142	eP	04 25.00	3.3X
HFS	37.26	311	iPc	04 20.50	-0.8
	0.5s	1227.70nm			6.9mb
JOS	37.36	291	iPc	04 22.30	0.0
	1.0s	206.90nm			5.8mb
ELL	37.37	268	iP	04 22.80	0.2
CLO	37.49	285	iPd	04 24.00	0.6
KDZ	37.58	278	iPc	04 24.00	-0.2
PLD	37.76	279	eP	04 26.00	0.4
EZN	37.93	275	iPc	04 27.20	0.1
PSZ	38.00	290	ePn	04 28.60	0.9
IZM	38.12	273	iP	04 28.10	-0.7
YER	38.19	270	iPc	04 29.40	-0.1
NB2	38.22	313	P	04 28.40	-1.0
NST	38.24	146	iPc	04 31.00	1.1
MMB	38.65	279	iPc	04 34.00	0.8
BUD	38.72	290	eP	04 34.00	0.4
SRS	38.98	279	iPnc	04 36.70	0.7
SRO	39.00	291	iPc	04 37.10	1.1
			e	06 05.00	
OUR	39.16	277	iPnc	04 38.10	0.7
COP	39.23	305	iPc	04 37.40	-0.4
	1.1s	475.95nm			6.0mb
SOH	39.29	279	iPnc	04 39.10	0.5
KONO	39.38	311	iP	04 38.50	-0.5
KNT	39.40	279	iPnc	04 40.10	0.6
VAY	39.53	280	iPc	04 41.40	0.9
ZST	39.56	292	iPc	04 46.00	5.4X
			e	05 13.50	
PAIG	39.57	277	iPnc	04 41.60	0.7
THE	39.65	279	iPnc	04 41.50	0.0
GRG	39.83	279	iPnc	04 43.30	0.2
SFO	39.90	281	iP	04 44.00	0.4
BRL	39.96	300	eP	04 45.00	1.1
VKA	39.99	293	iPc	04 45.40	1.1
	1.0s	201.50nm			5.7mb
SOP	40.11	292	iPc	04 45.80	0.5
	1.1s	299.40nm			5.8mb
LIT	40.24	278	ePnc	04 46.50	0.1
PRU	40.28	296	iPc	04 47.20	0.6
	1.2s	107.30nm			5.4mb
			e	06 16.00	
MYA	40.52	315	iP+	04 48.10	-0.3
CLL	40.60	298	iPc	04 49.20	0.0
	1.1s	310.00nm			5.9mb
			e	06 21.00	
ODD	40.69	313	eP	04 49.70	-0.2
OHR	40.77	281	eP	04 48.60	-2.2
			i	04 51.60	
TTG	41.04	283	e(Pn)	04 53.40	0.5
ASK	41.21	314	iP	04 53.70	-0.3
SUE	41.21	315	iP	04 53.70	-0.4
KHC	41.22	295	iPc	04 55.00	0.6
	1.0s	171.00nm			5.7mb
			e	06 14.20	
			e	06 30.20	
KMR	41.39	293	iP+	04 57.00	1.3
KMY	41.62	312	iP	04 57.40	-0.1
WET	41.63	295	iPc	04 57.50	-0.2
	0.8s	170.00nm			5.8mb
HOF	41.68	297	iPc	04 58.40	0.3
	0.6s	132.00nm			5.8mb

MOX	41.68	298	iPc	04 58.50	0.4
	1.1s	279.00nm			5.9mb
			i	06 21.00	
			i	06 29.50	
			i	06 34.00	
			i	06 37.00	
			i	06 44.50	
BHG	42.29	293	iPc	05 04.30	1.1
KBA	42.33	292	iPc	05 04.20	0.6
	0.7s	105.00nm			5.7mb
GRF	42.34	297	iPc	05 04.50	1.0
	1.2s	298.00nm			5.9mb
TRI	42.75	290	iPc	05 06.40	-0.5
LCI	43.00	281	eP	05 08.00	-1.0
FUR	43.02	295	iPc	05 10.20	1.0
	1.0s	318.00nm			6.0mb
BRT	43.17	282	iPc	05 10.60	0.2
WIT	43.48	303	iPc	05 13.80	1.1
			ePP	06 52.50	
TNS	43.68	299	iPc	05 14.80	0.3
			e	06 55.10	
DAG	43.74	341	iPd	05 13.00	-1.6
	0.6s	133.33nm			5.9mb
WTS	43.77	302	iPc	05 15.60	0.5
	1.0s	142.00nm			5.7mb
			ePP	06 55.00	
OGA	43.81	293	iPc	05 16.20	0.4
	0.8s	135.00nm			5.8mb
CTI	43.85	292	iPc	05 15.50	-0.5
STU	43.94	297	iPc	05 16.70	0.1
	1.0s	160.00nm			5.8mb
BNS	44.04	300	iPc	05 15.30	-2.0
	1.2s	180.00nm			5.8mb
MAT	44.06	84	iPc	05 16.30	-1.4
	0.8s	26.12nm			5.1mb
ORI	44.11	282	eP	05 19.00	1.0
PLH	44.22	300	ePc	05 19.00	0.3
OSS	44.43	293	eP+	05 21.10	0.4
DUI	44.46	285	eP	05 21.50	0.7
SGO	44.54	283	iPc	05 22.50	1.0
BUH	44.55	297	iPc	05 21.30	-0.2
SAX	44.61	295	eP+	05 22.70	0.3
AOU	44.74	286	eP	05 18.00	-5.1X
GWF	44.75	298	iPc	05 22.60	-0.5
SAL	44.75	292	iPc	05 22.50	-0.6
ENN	44.84	301	iPc	05 23.90	0.2
	1.1s	178.00nm			5.9mb
			ePP	07 03.00	
			ePcP	07 10.50	
SLE	44.85	296	eP+	05 23.80	-0.2
MEM	44.87	300	iPc	05 24.00	0.0
VDL	44.93	294	eP+	05 24.90	0.1
LLS	45.01	294	eP+	05 25.30	-0.2
DDR	45.03	84	eP	05 25.40	-0.2
ZUL	45.05	295	eP+	05 25.70	0.1
MNS	45.17	287	eP	05 21.00	-5.5X
			ePP	07 18.00	
CDF	45.23	297	iPc	05 26.70	-0.4
	1.0s	61.60nm			5.5mb
WLF	45.24	299	Pc	05 27.40	0.4
FIR	45.28	289	iPc	05 29.50	2.1
SRY	45.32	85	eP	05 26.80	-1.0
OYM	45.41	85	eP	05 27.60	-1.0
TSK	45.49	83	eP	05 27.80	-1.3
UCC	45.69	301	Pc+	05 30.40	-0.1
			e	07 12.00	
BSF	45.80	297	iPc	05 31.20	-0.4
	0.7s	91.20nm			5.9mb
DOU	45.91	300	Pc	05 32.40	0.2
	1.0s	165.00nm			6.0mb
			PcP	07 09.30	
HAU	45.97	297	iPc	05 32.50	-0.3
	0.6s	98.60nm			6.0mb
MMK	46.04	294	ePd	05 33.30	-0.4
KYS	46.13	84	eP	05 34.20	0.0
ORO	46.26	293	eP	05 33.50	-1.8
SNG	46.31	150	eP	05 36.00	0.3
DIX	46.36	294	eP+	05 36.00	-0.2
BSI	46.37	157	eP	05 34.50	-1.7
ALE	46.38	353	iPc	05 35.00	-0.6
	0.5s	19.00nm			5.4mb
EMS	46.64	294	eP+	05 37.90	-0.5
GIB	46.85	281	eP	05 38.50	-1.5
CVF	47.41	289	iPc	05 44.30	0.1
	0.7s	68.90nm			5.9mb
EKA	47.41	310	Pc	05 43.30	-0.7
	0.9s	153.00nm			6.1mb

LOR	47.79	297	iPc	05 46.20	-1.0
	0.5s	51.20nm			5.9mb
LBF	47.87	297	iPc	05 47.30	-0.6
	0.5s	31.30nm			5.7mb
SSF	48.10	297	iPc	05 48.70	-1.0
	1.0s	96.80nm			5.9mb
SMF	48.14	297	iPc	05 48.90	-1.0
	0.6s	36.60nm			5.7mb
FRF	48.19	292	iPc	05 50.00	-0.4
	0.6s	147.90nm			6.3mb
GRC	48.23	298	iPc	05 49.60	-1.0
AVF	48.34	297	iPc	05 50.60	-0.9
	0.8s	52.40nm			5.7mb
LMR	48.40	292	iPc	05 51.70	-0.3
	0.7s	78.00nm			5.9mb
LRG	48.42	292	iPc	05 51.80	-0.3
	0.8s	100.70nm			6.0mb
ARO	48.45	231	iP+	05 53.50	0.8
AKU	48.58	327	iPc	05 54.60	1.6
	0.7s	153.42nm			6.2mb
PLDF	48.64	296	iPc	05 53.60	-0.3
BGF	48.76	297	iPc	05 53.90	-0.8
	1.0s	81.20nm			5.7mb
IPM	48.88	150	iPc	05 56.90	1.0
	1.0s	297.80nm			6.3mb
			e	07 19.60	
MAN	49.01	121	eP	05 59.00	2.1
MZF	49.10	297	iPc	05 57.10	-0.2
	0.7s	94.70nm			5.9mb
PYM	49.11	296	iPc	05 57.70	0.2
TSI	49.15	154	e(P)	05 56.00	-2.0
TCF	49.27	297	iPc	05 58.10	-0.6
	0.6s	47.20nm			5.7mb
LDF	49.32	301	iPc	05 58.50	-0.5
FLN	49.43	301	iPc	05 59.10	-0.7
	0.6s	183.20nm			6.2mb
LSF	49.69	297	iPc	06 00.70	-1.2
	0.6s	38.70nm			5.5mb
GRR	49.84	301	iPc	06 02.20	-0.8
DMU	50.02	310	iPc	06 03.60	-0.7
	0.9s	290.00nm			6.2mb
			ePcP	07 54.20	
PSI	50.02	154	ePc	06 03.00	-1.7
	0.7s	150.50nm			6.0mb
CAF	50.13	296	iPc	06 05.40	0.1
	0.8s	89.20nm			5.7mb
LPF	50.14	301	iPc	06 04.50	-0.8
DLE	50.17	309	iPc	06 04.60	-0.8
	0.8s	280.00nm			6.2mb
RJF	50.23	296	iPc	06 05.90	-0.1
	0.8s	88.60nm			5.7mb
ETA	50.32	308	iPc	06 05.60	-1.0
	1.1s	270.00nm			6.1mb
MFF	50.44	299	iPc	06 07.00	-0.6
DCN	50.50	309	iPc	06 07.40	-0.5
	0.7s	170.00nm			6.1mb
ECP	50.69	308	iPc	06 08.30	-1.0
	1.1s	400.00nm			6.3mb
LPO	50.78	296	iPc	06 10.30	[illegible]
	0.6s	178.90nm			6.2mb
REY	50.78	326	iP	06 11.30	[illegible]
ECB	50.79	308	iPc	06 09.50	[illegible]
	0.9s	340.00nm			6.3mb
LFF	50.89	296	iPc	06 11.10	[illegible]
	0.8s	141.60nm			5.9mb
KGM	52.04	148	ePc	06 20.50	[illegible]
	0.9s	267.30nm			6.2mb
EPF	52.25	295	iPc	06 20.30	-1.1
	0.8s	152.10nm			6.0mb
AAE	52.66	233	eP	06 26.00	0.9
BRW	52.78	20	eP	06 25.00	0.0
VAL	52.79	309	iP	06 24.00	-1.3
PPI	53.44	153	eP	06 29.50	-0.9
	0.6s	176.70nm			6.2mb
MBC	53.56	5	iPc	06 30.30	-0.3
	0.5s	458.00nm			6.7mb
			pP	06 43.00	45kmX
KKM	53.74	132	ePc	06 33.10	0.4
	0.7s	55.20nm			5.7mb
PLP	54.03	119	eP	06 34.00	-0.8
MAP	54.16	121	eP	06 37.00	1.3
LGR	54.26	296	iPd	06 37.00	0.8
GDH	56.13	342	iPc	06 48.30	-1.2
	0.7s	123.29nm			6.0mb
			i	07 02.00	
			i	07 46.00	
IMA	57.54	23	eP	06 59.40	-0.4

25d 01h

AFC	58.19	291	iP	07	03.40	-1.3	SLR	87.72	224	iPc	09	58.90	0.6	TACH	152.54	295	iPKPc	17	06.20	7.5X			
CRT	58.26	291	iP	07	04.00	-1.1		0.9s	34.45nm			5.7mb		LNV	153.03	295	iPKPd	17	06.90	7.6X			
MTE	58.48	297	iPc	07	06.00	-0.6	WDC	87.91	16	iPc	09	59.70	0.6	S.D. = 0.9 on 311 of 332 obs.									
PRL	59.10	296	iPc	07	10.50	-0.4	ASPA	87.94	131	iPc	09	59.60	0.3										
TAF	59.11	289	iPc	07	11.00	-0.1		0.7s	115.00nm			6.3mb		& APR 25, 1985 01h 13m 14.51s									
			i	07	28.00		EVA	88.03	223	iPc	09	59.90	0.1	59.980 N 153.173 W									
TTA	59.41	26	eP	07	15.50	2.7X		0.6s	33.33nm			5.8mb		DEPTH = 113.0km									
INK	59.64	13	iPc	07	13.60	-0.6	KLB	88.16	148	eP	10	00.00	-0.1	SOUTHERN ALASKA (2)									
	0.7s	179.00nm			6.3mb		BPI	88.21	224	iPc	09	56.50	-4.2X	<AGS-P>.									
COL	59.91	21	iPc	07	15.80	-0.3		0.8s	53.73nm			5.9mb											
	0.7s	166.10nm			6.3mb		MIN	88.31	16	eP	10	01.60	0.4	ILM	0.27	41	iP	13	30.42	1.3			
ADK	60.03	44	eP	07	16.50	-0.6	ISQ	88.35	125	iPc	10	01.30	0.0				iS	13	43.08				
MTH	60.44	296	iPc	07	18.80	-1.3	KLG	88.76	144	eP	10	03.00	0.0	RDT	0.71	32	iP	13	33.01	-0.6			
PME	62.37	24	eP	07	31.50	-1.3	BMN	88.90	12	iP	10	05.50	1.4				iS	13	47.41				
PMR	62.37	24	P	07	32.00	-0.8		1.0s	62.50nm			5.8mb		BRLK	1.17	100	iP	13	37.39	-0.8			
	1.0s	130.00nm			6.1mb		ORV	89.09	16	iPc	10	05.00	0.2				iS	13	54.92				
NAI	62.48	229	iPc	07	33.00	-1.2	PRY	89.11	224	iPd	10	04.00	-1.0	SPU	1.33	24	iP	13	38.94	-1.0			
	0.8s	76.87nm			6.0mb		NWAO	89.20	149	eP	10	05.00	0.0				iS	13	59.22				
AVE	63.19	291	iPc	07	37.50	-1.0		0.4s	25.00nm			5.8mb		CRP	1.39	21	iP	13	40.06	-0.6			
			i	07	51.50		BFS	89.40	225	iPd	10	05.50	-0.8				eS	14	00.40				
FRB	63.84	345	iPc	07	40.90	-1.5		1.0s	64.00nm			5.8mb		CGLM	1.45	23	iP	13	40.60	-0.8			
	0.9s	172.00nm			6.3mb		EUR	90.00	12	iP	10	10.80	1.4	SLKM	1.56	69	eP	13	41.14	-1.6			
TRT	64.43	142	iPc	07	46.10	-0.7	RKG	90.17	149	iPc	10	12.30	2.8X	SVW	1.66	314	eP	13	42.59	-1.3			
	0.5s	276.00nm			6.7mb		SWZ	90.31	226	iPd	10	10.00	-0.6	SEW	1.87	85	eP	13	45.09	-1.4			
PNL	66.41	20	eP	07	59.40	0.3		1.0s	35.00nm			5.6mb		SUA	1.91	38	eP	13	45.92	-1.2			
YKA	67.41	7	eP	08	04.90	-0.4	VIR	90.37	224	iPc	10	10.00	-0.8	MPA	1.97	73	eP	13	46.08	-1.6			
YKC	67.44	7	iPc	08	04.60	-0.9		0.3s	64.94nm			6.4mb					eS	14	03.79				
	0.3s	58.00nm			6.3mb		BKS	90.59	17	eP	10	13.00	1.2	SKT	2.16	21	eP	13	48.66	-1.6			
AAI	68.13	125	e(P)	08	09.00	-1.4		0.8s	53.00nm			5.9mb		PMS	2.19	53	eP	13	48.90	-1.7			
SCH	71.76	340	ePc	08	31.20	-0.9	GOL	90.67	3	iP	10	13.20	0.7	PTE	2.24	65	eP	13	48.90	-2.3			
	0.6s	36.00nm			5.7mb			1.0s	42.50nm			5.7mb		KDC	2.27	171	eP	13	49.11	-2.4			
NPA	73.57	220	iP	08	43.00	-0.2	MNA	90.73	13	iPc	10	13.80	1.2	PWA	2.33	42	eP	13	52.03	-0.3			
AVY	73.91	211	iPc	08	45.00	-0.3	JAS1	90.87	15	iPc	10	14.10	1.0	KNK	2.73	56	eP	13	54.67	-3.0			
FFC	75.72	1	iPc	08	54.60	-0.5	SVO	91.09	103	eP	10	14.00	-0.2				iS	14	26.95				
	0.7s	136.00nm			6.2mb		GCC	91.46	17	eP	10	16.80	1.0	GHO	2.75	47	eP	13	55.33	-2.7			
TET	76.98	225	eP	09	02.00	-0.6	CTA	91.49	120	iPc	10	15.90	-0.1				eS	14	27.53				
MTD	78.45	226	iPc	09	10.00	-0.8		0.9s	34.45nm			5.7mb		MSE	2.77	46	eP	13	55.52	-2.9			
KNA	78.70	131	eP	09	11.00	-1.1	BLF	91.56	224	iPd	10	15.60	-0.7	SML	2.99	50	eP	13	58.07	-3.2			
NAU	79.09	146	iPc	09	15.00	0.9		0.5s	8.11nm			5.3mb		GLI	3.15	71	eP	14	01.28	-2.0			
	0.5s	81.00nm			6.0mb		FRI	91.90	15	eP	10	18.60	0.8	HIN	3.36	80	eP	14	04.26	-1.9			
RSON	79.40	355	iP	09	15.20	-0.3	FVM	91.97	352	iP	10	19.80	1.7	SCM	3.41	54	eP	14	03.87	-3.0			
	0.8s	66.90nm			5.7mb			1.0s	45.00nm			5.8mb		FID	3.41	74	eP	14	04.05	-2.8			
KRI	79.42	228	eP	09	15.00	-1.2	LLA	92.05	16	eP	10	19.80	1.2	VZW	3.45	69	eP	14	05.42	-2.0			
MBL	79.49	142	iPc	09	16.10	-0.2	PRS	92.25	16	eP	10	20.70	1.2	VLZ	3.57	68	eP	14	04.99	-4.0			
SES	79.69	6	iPc	09	17.10	-0.1	PRI	92.56	16	eP	10	22.80	1.7	KLU	3.87	64	eP	14	09.71	-3.4			
PNT	79.86	12	iP	09	18.00	-0.1	CWC	92.70	14	eP	10	22.00	0.3	SGAM	4.01	79	eP	14	12.09	-2.8			
	0.9s	72.00nm			5.6mb		RMU	92.93	8	eP	10	23.00	0.2	TOA	4.02	55	eP	14	12.49	-2.6			
PGC	79.93	15	eP	09	19.00	0.6	CLC	93.38	13	eP	10	25.00	0.2	BALM	5.46	74	eP	14	32.07	-2.8			
KVG	80.36	106	iPd	09	22.00	0.8	ACO	93.74	358	e(P)	10	22.50	-3.8X	30 obs. associated									
YKM	80.79	10	iPc	09	23.30	0.1	RSCP	93.76	347	eP	10	25.80	-0.7										
RXF	80.85	9	iPc	09	23.30	-0.2	GSC	94.00	13	eP	10	28.00	0.3	& APR 25, 1985 02h 41m 51.30s									
KIC	81.12	269	iPc	09	25.40	0.1	RLO	94.12	355	iPc	10	28.30	0.2	61.819 N 150.816 W									
	0.6s	195.00nm			6.3mb		TUL	94.41	356	iPc	10	29.80	0.4	DEPTH = 65.2km									
MIM	81.21	338	iP	09	26.00	0.7		1.1s	86.10nm			6.0mb		4.1mb (1 obs.)									
NEW	81.22	11	P	09	25.50	0.2	Z	18s	0.29um			4.8Msz		SOUTHERN ALASKA (2)									
	1.0s	37.50nm			5.4mb				e	11	07.30			<AGS-P>.									
LDM	81.23	10	iPc	09	25.10	-0.3			e	12	16.80												
LHD	81.40	10	iPd	09	26.50	0.1	SBB	94.45	14	eP	10	30.00	0.3	SUA	0.36	174	iP	42	02 77	0.1			
CLX	81.50	9	iPd	09	27.10	0.1	SIO	94.60	356	iPc	10	30.70	0.4				iS	42	11.50				
LHC	81.52	352	iPc	09	26.80	0.0	PRM	94.74	345	eP	10	31.00	0.1	SKT	0 37	296	iP	42	01.85	-0.9			
	0.7s	109.00nm			6.0mb		MWC	94.87	14	eP	10	32.00	0.2	PMS	0.83	133	iP	42	07.14	-0.6			
MNT	82.01	341	iPc	09	29.60	0.2	RRO	94.96	358	eP	10	38.20	6.2X	PLRM	0.83	105	iP	42	07.01	-0.7			
	0.9s	66.00nm			5.8mb			0.8s	49.80nm			6.0mb					eS	42	20.12				
			pP	09	46.00	58kmX	RVR	95.20	14	eP	10	33.00	-0.1	CRP	0.85	230	iP	42	07.38	-0.7			
OTT	82.55	342	ePc	09	32.30	0.1	TPC	95.29	12	eP	10	35.00	1.5				iS	42	20.88				
	0.7s	75.00nm			6.0mb		ALO	95.37	4	ePc	10	35 10	1.0	PME	0.87	102	eP	42	07.30	-0.9			
BUL	82.75	227	iPc	09	34.00	0.3		1.0s	15.00nm			5.4mb		SPU	0.87	223	iP	42	07.64	-0.6			
RSNY	83.12	341	iP	09	36.30	1.1	QZO	95.53	359	eP	10	34.00	-0.6	MSE	0.88	88	iP	42	07.97	-0.4			
	0 9s	214.29nm			6.4mb			1.0s	20.10nm			5.6mb					iS	42	19.78				
PMG	83 51	113	iPc	09	38.30	0.8			i	10	34.70			GHO	0.90	92	iP	42	08.20	-0.4			
	0 9s	84.03nm			6 0mb		BHO	95.89	355	iPc	10	36.70	0.5	SML	1.18	89	iP	42	11.35	-0.9			
LMG	83.71	112	eP	09	37.00	-1 7		0 9s	16.00nm			5.5mb		KNK	1.20	109	iP	42	11.84	-0.6			
MEM	83.91	145	iPd	09	39 10	-0.2	PLM	95.91	13	eP	10	37.00	0.4	PTE	1.29	137	iP	42	12.70	-0.9			
	0 5s	50 00nm			6 0mb		GLA	96.49	12	eP	10	40.00	1.0	SLKM	1.35	167	iP	42	13.24	-1.2			
LRM	84 12	8	ePc	09	40 60	0.0	BAR	96.60	13	eP	10	40.00	0.5	RDT	1.47	212	iP	42	15.42	-0.7			
WRA	85 02	129	Pc	09	45.10	0.1	STK	98 52	130	iPd	10	47.10	-0.7				iS	42	34.84				
	0.7s	88.80nm			6 1mb		LTX	101.06	2	iPdiff	11	01.00	1.4	MPA	1.51	151	eP	42	15.45	-1.2			
WB2	85.03	129	iPc	09	45.20	0.2		0.9s	3.08nm			4.9mb		CFI	1.60	112	iP	42	16.61	-1.2			
			ePKKP	27	52.80		BAO	125.37	289	PKP	16	09.80	-1.4	SCM	1.66	88	iP	42	17.70	-1.1			
MRWA	85.38	148	iPc	09	46.80	0.2	VAO	130.24	282	ePKP	16	20.70	0.4	SEW	1.85	158	eP	42	20.13	-1.1			
	0.4s	18.00nm			5.6mb		CCH	137.12	307	PKP	16	33.60	-0.2	ILM	1.91	212	eP	42	21.41	-0.8			
RSSD	86.30	2	iP	09	52.30	0 8	SBA	137.77	162	ePKP	16	14.70	-18.2X	TTV	1.93	112	eP	42	21.32	-1.2			
	0.5s	63.03nm			6.0mb		ARE	138.98	314	e(PKP)	16	26.00	-11.2X	GLI	2.03	116	iP	42	21.95	-1.9			
BDW	87.38	6	iP	09	57.00	0.2	SPA	139.73	180	e(PKP)	16	27.20	-9.7X	BRLK	2.06	181	eP	42	22.56	-1.8			
	0 6s	7.14nm			5.1mb		SLA	142.72	299	ePKP	16	39.80	-3.7X	VZW	2.19	109	eP	42	23.93	-2.1			
FHC	87.43	17	eP	09	58.80	2.0	TCA	147.12	291	ePKPd	16	51.40	0.8	TOA	2.21	81	eP	42	25.60	-0.9			
UTO	87.52	347	ePc	09	58.20	1.0	JACH	151.64	296	iPKP	17	06.00	8.4X	VLZ	2.26	106	eP	42	24.80	-2.2			

		iS	42 51.89		
FID	2.35	115 eP	42 25.61	-2.8	
KLU	2.36	96 iP	42 26.58	-1.9	
SVW	2.41	255 eP	42 27.40	-1.9	
HIN	2.53	122 eP	42 28.60	-2.3	
TTA	2.67	297 eP	42 30.60	-2.3	
KMP	2.78	94 eP	42 32.07	-2.3	
AUH	2.78	209 eP	42 34.13	-0.3	
SGAM	3.02	113 eP	42 34.63	-3.1	
MID	3.26	135 eP	42 40.00	-1.0	
COL	3.38	22 iPd	42 40.50	-2.3	
BALM	4.14	97 eP	42 50.56	-3.1	
KDC	4 17	192 eP	42 52.40	-1.5	
SNH	4.22	109 eP	42 54.25	-0.4	
IMA	4.45	345 eP	42 55.00	-2.9	
PCA	5.43	104 eP	43 08.96	-2.6	
DWY	5.66	62 P	43 11.50	-3.3	
PNL	6.00	106 eP	43 17.10	-2.4	
INK	9.75	41 eP	44 07.00	-4.1	
BRW	9.81	349 eP	44 07.40	-4.5	
YKA	16.79	72 eP	45 44.10	0.9	
MBC	17.92	24 eP	45 52.00	-5.1	
	0.5s	7.00nm		4.1mb	
	46 obs. associated				

APR 25, 1985 03h 10m 06.88± 0.30s
46.420 N ± 7.3km 154.236 E ± 4.1km
DEPTH = 35.9km (22 depth phases)
5.1mb (51 obs.)
KURIL ISLANDS REGION (222)

MAT	15.52	236 eP	13 40.00	-4.6X	
	0.8s	34.33nm		4.6mb	
		eS	17 50.00		
MDJ	17.35	273 eP	14 06.50	-1.2	
SHK	20.18	242 eP	14 37.00	-4.0X	
SNY	22.40	269 Pd	15 01.60	-1.8	
BJI	28.25	271 eP	16 00.00	1.5	
NJ2	30.65	255 eP	16 19.50	-0.5	
TIY	31.91	269 P	16 31.00	-0.2	
TTA	32.15	41 P	16 32.80	-0.2	
	0.8s	12.07nm		4.8mb	
WHN	34.60	257 P	16 54.00	-0.4	
COL	35.94	38 iP	17 05.70	0.2	
	0.8s	17.91nm		5.1mb	
FBA	35.94	38 P	17 05.40	-0.1	
	0.9s	26.67nm		5.2mb	
XAN	36.26	266 eP	17 07.60	-1.0	
LZH	38.68	273 P	17 29.00	0.1	
	1.0s	82.00nm		5.5mb	
GTA	39.79	280 P	17 38.20	0.1	
		PcP	19 44.90		
INK	41.53	32 ePd	17 52.40	0.6	
CD2	41.63	266 P	17 53.40	0.2	
GYA	42.41	259 P	17 59.80	0.1	
MBC	44.64	20 eP	18 17.00	-0.1	
WMO	45.77	292 eP	18 28.40	1.8	
KMI	45.95	261 eP	18 28.50	0.1	
		pP	18 39.50	38km	
ALE	50.01	6 eP	18 57.00	-2.0	
	0.9s	30.00nm		5.3mb	
		pP	19 07.90	38km	
YKA	50.73	37 eP	19 05.10	0.4	
YKC	50.79	37 ePd	19 05.00	-0.1	
	0.9s	16.00nm		5.0mb	
LSA	51.07	274 P	19 09.00	0.7	
CHG	52.80	258 eP	19 21.50	0.6	
SHL	53.14	270 eP	19 22.60	-1.0	
PNT	54 80	53 eP	19 35.00	-0.3	
	0.8s	13.00nm		5.0mb	
KPN	56.29	276 iPd	19 47.00	0.4	
	0.8s	48.00nm		5.6mb	
PKI	56.34	276 iPd	19 46.40	-0.7	
	0.8s	20.00nm		5.2mb	
DMN	56.53	276 iPd	19 48.10	-0.2	
	0.8s	61.00nm		5.7mb	
DAG	57.01	358 eP	19 49.00	-1.8	
KEV	57.91	341 eP	19 55.00	-2.2	
		e	20 07.00	42km	
SES	58.78	48 eP	20 03.00	-0.6	
SOD	59.84	339 eP	20 08.00	-2.6	
		i	20 21.20	47kmX	
FFC	60.49	40 eP	20 15.00	-0.2	
	0.9s	18.00nm		5.2mb	
LRM	60.78	53 eP	20 17.50	-0.1	
JAS1	60.90	64 eP	20 19.00	0.8	
BMN	61.32	60 iP	20 22.00	0.7	
	1 0s	5.25nm		4.6mb	
		e	20 33.00	37km	
KJF	62.02	337 iP	20 23.30	-2.2	
	1.0s	70.00nm		5.7mb	
		i	20 34.20	36km	
EUR	62.66	61 iP	20 30.70	0.3	
	0.2s	13.96nm		5.7mb	
ISA	63.53	65 eP	20 35.00	-0.9	
SUF	63.63	336 iP	20 34.20	-1.8	
	0.5s	8.30nm		5.1mb	
CLC	63.98	65 eP	20 38.00	-0.8	
DUG	64.09	58 P	20 40.40	0.8	
	0.9s	9.40nm		4.9mb	
BDW	64.30	54 iP	20 41.10	0.0	
	1.0s	12.40nm		4.9mb	
		e	20 52.00	36km	
SBB	64.56	66 eP	20 54.00	11.4X	
DAU	64.86	57 P	20 45.60	0.7	
FRB	65.11	19 eP	20 44.00	-1.6	
RVR	65.29	66 eP	20 47.00	-0.3	
NUR	65.83	335 iP	20 48.90	-1.4	
		i	20 59.60	35km	
PLM	66.03	66 eP	20 51.00	-1.2	
TPC	66.05	65 eP	20 52.00	-0.2	
RSSD	66.44	50 iP	20 54.80	0.0	
	1.0s	20.00nm		5.2mb	
		e	21 06.30	38km	
RSON	66.81	40 eP	20 56.30	-0.4	
	0.9s	7.56nm		4.8mb	
		e	21 06.30	32km	
GLA	67.51	65 eP	21 01.00	-0.5	
HYB	67.78	272 eP	21 02.00	-1.3	
		e	21 13.50	38km	
UPP	68.30	338 iP	21 03.70	-2.2	
	1.0s	100.00nm		5.8mb	
WB2	68.46	200 eP	21 05.20	-2.1	
NB2	68.79	342 P	21 07.90	-1.1	
	0.9s	66.70nm		5.7mb	
HFS	69.03	340 eP	21 08.40	-2.0	
	0.7s	19.00nm		5.2mb	
POO	70.26	276 iPc	21 18.00	-0.6	
LHC	70.56	39 eP	21 19.00	-0.9	
ALQ	71.35	59 eP	21 25.00	-0.2	
	0.9s	4.83nm		4.5mb	
		e	21 41.00	58kmX	
ASPA	72.15	200 eP	21 30.00	0.3	
	0.9s	10.00nm		4.8mb	
IR2	73.19	304 eP	21 37.00	1.0	
SCH	73.34	23 eP	21 36.00	-0.4	
KRA	76.08	332 eP	21 51.10	-1.0	
	0.5s	25 00nm		5.5mb	
		e	22 02.90	39km	
TUL	76.71	52 eP	21 55.90	-0.1	
	0.8s	18.30nm		5.1mb	
		e	22 11.10	54kmX	
RLO	76.94	51 ePc	21 57.40	0.2	
		e	22 12.00	51kmX	
LTX	76.98	61 iP	21 58.50	0.8	
	0.9s	15.38nm		5.0mb	
		i	22 10.00	38km	
CLL	77.08	336 iPc	21 56.80	-0.9	
	1.1s	20.00nm		5.1mb	
		i	22 08.00	37km	
		e	22 24.00		
CFR	77.15	324 eP	21 53.00	-5.2X	
VRI	77.16	325 eP	22 00.00	1.8	
WIT	77.33	341 e(P)	22 11.50	12.5X	
TLB	77.69	324 eP	22 02.00	0.9	
MLR	77.78	326 iP	22 03.00	1.2	
PRU	77.82	335 eP	22 01.80	0.0	
		e	22 13.00	37km	
ISR	77.84	325 eP	22 02.00	0.0	
WTS	78.05	340 eP	22 03.00	0.0	
	0.9s	32.00nm		5.3mb	
		e	22 13.00	32km	
MOX	78.06	337 eP	22 03.00	-0.1	
		e	22 14.00	36km	
BHO	78.36	52 eP	22 05.40	0.4	
COZ	78.54	326 eP	22 02.00	-4.1X	
ZST	78.62	332 eP	22 07.00	0.8	
		e	22 18.00	36km	
DMU	78.78	349 eP	22 07.50	0.5	
	0.7s	25.00nm		5.3mb	
KHC	78.87	335 P	22 07 20	-0.4	
	1 0s	14 00nm		4.9mb	
		i	22 18.70	38km	
GRF	79.04	337 eP	22 08.00	-0.5	
	0.9s	20.00nm		5.1mb	
DLE	79.32	348 iPc	22 12.50	2.6X	
	1.0s	60.00nm		5.5mb	
CLO	79.33	327 eP	22 10.00	-0.1	
DCN	79.37	349 eP	22 13.10	2.9X	
ENN	79.40	340 eP	22 10.00	-0.4	
	0.9s	21.00nm		5.1mb	
		e	22 21.50	38km	
MEM	79.53	340 P	22 12.00	0.9	
DOU	80.33	341 P	22 17.70	2.3	
WLF	80.37	340 P	22 20.20	4.6X	
		e	22 30.60	33km	
BUH	80.77	338 eP	22 17.80	0.0	
KBA	80.78	334 iPc	22 18.00	-0.1	
	0.8s	74.80nm		5.7mb	
		i	22 20.10	7kmX	
		i	22 25.10		
		i	22 31.30		
VAL	81.12	350 iP	22 22.50	3.0X	
KCT	81.12	321 eP	22 20.00	0.2	
EDC	81.25	321 eP	22 20.30	-0.1	
CDF	81.25	338 iPc	22 20.40	0.0	
	0.9s	17.60nm		5.1mb	
KGT	81.41	322 iP	22 20.80	-0.4	
SLE	81.53	337 eP+	22 21.30	-0.5	
ZUL	81.82	337 eP+	22 23.90	0.5	
HAU	81.86	339 iPc	22 23.40	-0.1	
	0.9s	13.10nm		5.0mb	
BSF	81.91	339 iPc	22 23.50	-0.4	
	1.0s	29.60nm		5.3mb	
OSS	82.07	336 eP+	22 25.80	1.0	
CTI	82.22	335 eP	22 26.70	1.2	
VDL	82.44	336 eP+	22 27.40	0.6	
SKO	82.50	327 eP	22 29.00	2.1	
		i	22 38.00	28km	
VAY	82.61	325 eP	22 27.60	0.1	
FLN	82.68	343 eP	22 27.50	-0.2	
LDF	82.77	343 eP	22 27.90	-0.3	
GRR	83.11	344 eP	22 30.10	0.2	
	0.9s	13.80nm		5.0mb	
LOR	83.15	340 iPc	22 30.20	0.0	
	0.8s	150.00nm		6.1mb X	
MMK	83.25	337 eP+	22 32.00	0.9	
GRC	83.31	341 iPc	22 31.30	0.3	
DIX	83.37	337 eP+	22 32.20	0.5	
SSF	83.43	340 eP	22 31.50	-0.1	
	0.9s	17.00nm		5.2mb	
OHR	83.48	326 eP	22 34.00	2.0	
		e	22 43.00	28km	
LPF	83.48	344 eP	22 32.30	0.4	
	0.9s	7.20nm		4.8mb	
ORO	83.64	337 e(P)	22 29.00	-3.9X	
YER	83.72	319 iP	22 33.40	0.1	
AVF	83.72	340 iPc	22 33 50	0.4	
	0.9s	12.60nm		5.0mb	
SMF	83.74	340 iPc	22 33.60	0.3	
	1.0s	32.70nm		5.4mb	
BGF	84.06	341 iPc	22 34.90	0 1	
	0.9s	9.40nm		4.9mb	
MZF	84.44	341 iPc	22 37.50	0.7	
	0.8s	18.60nm		5.3mb	
TCF	84.46	341 iPc	22 37.90	1.0	
	0.9s	9.00nm		4.9mb	
LSF	84.65	341 iPc	22 38.70	0.9	
	0.9s	14.20nm		5.1mb	
MFF	84.67	343 eP	22 38.30	0.4	
	0.9s	9.80nm		5.0mb	
RJF	85.55	341 eP	22 43.50	1.2	
CAF	85.78	341 eP	22 45.20	1.7	
	0.9s	13.10nm		5.2mb	
FRF	85.91	337 eP	22 44.30	0.1	
ORI	86.02	329 eP	22 45.50	0.8	
LFF	86.07	341 eP	22 46.30	1 4	
LRG	86.09	337 eP	22 45.40	0 4	
LMR	86.16	337 eP	22 45.70	0 3	
LPO	86.21	341 eP	22 47.20	1.6	
EPF	87.97	341 eP	22 55.50	1 3	
	0.8s	7.20nm		5.0mb	
MTD	124.38	282 ePKP	29 04.00	e 1	
BUL	128.74	282 ePKP	29 13.00	0 7	
BAO	144.13	38 e(PKP)	29 32.40	-8 4X	
TCA	146.60	77 iPKPd	29 42.00	-2 5X	
	S.D. = 1.0 on 128 of 141 obs.				

* APR 25, 1985 04h 10m 03.42± 0.87s
9.027 S ±10.4km 118.549 E ±11 2km
DEPTH = 33.0km (normal)

25d 04h

SUMBAWA ISLAND REGION (285)

MKS	3.89	14	i(P)	11 01.50	-0.9
TRT	6.00	282	ePc	11 33.20	1.0
			eS	12 37.90	
KNA	12.01	125	eP	12 59 00	3.7X
MBL	12.13	174	iPc	13 01.60	4.7X
	0.3s		13.00nm	5.6mb X	
MTN	12.92	108	eP	13 10.00	2.5
	0.4s		38.00nm	5.8mb X	
NAU	13.75	192	eP	13 23.00	4.5X
MEK	17.49	180	eP	14 07.00	0.5
WB2	18.74	127	eP	14 20.70	-1.3
			eS	17 49.00	
MRWA	20.23	186	eP	14 38.00	-0.6
ASPA	20.68	137	eP	14 43.00	-0.3
KLG	21.82	173	eP	14 54.00	-0.8
S.D. = 1.5 on 8 of 11 obs.					

APR 25, 1985 04h 30m 16.81± 0.46s
2.317 S ± 8.2km 146.884 E ± 7.4km
DEPTH = 33.0km (normal)

ADMIRALTY ISLANDS REGION (199)

KVG	3.92	94	eP	31 16.00	-0.1
RAB	5.60	110	eP+	31 40.00	0.1
CTA	17.67	182	eP	34 22.00	-0.2
			iS	38 00.00	
WB2	21.37	214	eP	35 03.20	-0.6
ASPA	24.67	210	eP	35 37.00	0.9
PKI	66.10	301	eP	41 05.80	2.1X
KKN	66.27	302	eP	41 05.00	0.3
DMN	66.37	301	eP	41 04.80	-0.5
COL	81.86	23	eP	42 33.00	-0.9
INK	88.30	21	eP	43 06.00	0.1
YKA	95.98	27	eP	43 42.60	1.0
YKC	96.04	28	eP	43 42.00	0.1
LRM	99.09	44	eP	43 58.50	2.1X
S.D. = 0.7 on 11 of 13 obs.					

APR 25, 1985 04h 58m 41.83± 0.37s
29.297 N ± 7.4km 52.669 E ± 4.3km
DEPTH = 10.0km (geophysicist)
4.8mb (24 obs.)

SOUTHERN IRAN (353)
Felt at Shiraz.

SHI	0.37	340	eP	58 50.00	0.6
TEH	6.51	351	eP	00 16.00	-4.2X
IR2	6.52	347	eP	00 20.00	-0.3
KER	6.91	318	eP	00 49.00	23.2X
BHD	8.12	301	eP	01 25.00	42.4X
			eS	03 16.00	
			i	03 36.00	
			i	04 39.00	
MHI	9 04	38	eP	00 57.00	1.6
			eS	02 32.00	
MSL	10.67	314	ePc	01 15.50	-2.3
			eS	03 07 00	
			eLR	04 46.50	
RTB	11.25	293	iPc	01 24.50	-1.1
			iS	03 24.00	
			i	04 50.00	
QUE	12.44	82	eP	01 45.00	3.0
			eS	05 37.00	
BHL	15.21	292	P	02 21.00	2.7
ELL	20.45	297	iP	03 23.30	1.1
ALT	21.00	304	eP	03 27.60	-0.3
GPA	21.33	307	eP	03 30.00	-1.1
KSH	21.69	56	eP	03 38.00	3.1X
YER	21.81	297	eP	03 36.40	0.4
POO	22.09	114	eP	03 29.00	-9.9X
YLV	22.10	307	eP	03 39.70	0.8
DST	22.27	304	eP	03 41.50	0.9
KCT	22.69	305	eP	03 50.00	5.3X
IZM	22.91	300	eP	03 50.10	3.2X
KGT	23.52	305	iP	03 57 70	5.0X
TLB	24.78	315	eP	04 10 00	5 1X
CFR	25.01	316	eP	04 20 00	12 9X
DIM	25.30	307	eP	04 13.00	3.1X
KDZ	25.32	306	iPd	04 12.00	1.9
ISP	25.97	315	eP	04 20 00	3 7X
PVL	26.00	310	eP	04 16 00	-0.4
VRI	26.22	316	eP	04 20.00	1 5
MMB	26 45	305	eP	04 24.00	3 3X
HYB	26 48	111	eP	04 21 50	0.4
MLR	26.51	315	eP	04 23.00	1.6
VAY	27.20	304	eP	04 30.40	2.9X
GBA	27.75	119	P	04 32.00	-0.7
CLO	28.33	312	eP	04 40.00	2.3
OHR	28.43	303	eP	04 41.50	2.8X
DMN	28.52	85	iPd	04 39.00	-0.9
	0.6s		14.00nm	4.9mb	
KKN	28.64	85	iPd	04 40.20	-0.7
	0.6s		29.00nm	5.2mb	
PKI	28.79	85	iPd	04 41.40	-1.1
	0.8s		28.00nm	5.1mb	
SRO	32.26	315	eP	05 14.50	2.0
			e	05 34.00	
ZST	33.15	315	eP	05 31.50	11.2X
			e	05 35.50	
DUI	33.21	302	eP	05 30.00	9.1X
VOY	34.55	310	eP	05 32.30	-0.3
MNS	34.63	303	eP	05 36.50	3.3X
KBA	35.19	311	iPc	05 38.20	0.0
	1.0s		30.30nm	5.1mb	
			i	05 40.50	
			i	05 49.30	
PRU	35.38	316	eP	05 40.70	1.2
KHC	35.67	315	iPc	05 41.90	-0.1
	1.0s		25.00nm	5.0mb	
			e	05 51.00	
CTI	36.06	309	eP	05 45.00	-0.5
NUR	36.43	337	iP	05 48.10	-0.1
CLL	36.77	318	iPc	05 53.30	2.1
	1.2s		20.00nm	4.8mb	
OSS	37.22	310	eP+	05 55.50	0.2
GRF	37.31	315	eP	05 56.00	0.2
	0.8s		24.00nm	5.0mb	
SUF	37.61	340	iP	05 57.80	-0.3
	0 6s		3.80nm	4.3mb	
SAX	37.88	310	eP+	06 00.20	-0.8
LLS	38.03	310	eP+	06 01.40	-0.7
KJF	38.34	343	eP	06 03.00	-1.2
SLE	38.56	311	eP	06 05.50	-0.8
UPP	38.63	332	iP	06 05.50	-1.1
DIX	38.97	308	eP+	06 09.40	-0.7
EMS	39.29	308	eP+	06 12.60	-0.1
BSF	39.69	311	eP	06 15.10	-0.8
GTA	39.82	62	P	06 17.70	0.6
HAU	40.02	311	eP	06 17.50	-1.0
HFS	40.42	331	eP	06 20.60	-0.9
	0.4s		26.10nm	5.3mb	
WLF	40.48	313	P	06 29.50	7.4X
WTS	40.65	317	eP	06 26.50	3.0X
	0.9s		32.00nm	5.0mb	
MEM	40.78	315	P	06 25.20	0.6
ENN	40.87	315	eP	06 26.50	1.1
	1.0s		20.00nm	4.8mb	
SOD	41.18	345	eP	06 27.00	-0.7
SMF	41.49	308	eP	06 30.20	-0.4
	0.9s		20.30nm	4.9mb	
DOU	41.56	314	P	06 31.80	0.8
LOR	41.56	309	eP	06 30.40	-0.7
SSF	41.77	309	eP	06 32.40	-0.4
	0.9s		9.80nm	4.5mb	
AVF	41.84	309	eP	06 33.20	-0.2
	1.1s		12.70nm	4.6mb	
NB2	41.93	331	P	06 32.90	-1.1
	0.5s		6.30nm	4.6mb	
GRC	42.10	309	iPc	06 35.90	0.4
BGF	42.16	308	eP	06 35.90	-0.2
	0.9s		7.80nm	4.4mb	
MZF	42.31	308	eP	06 37.40	0.1
	0.9s		8.10nm	4.5mb	
TCF	42.58	308	eP	06 39.40	-0.1
	0.9s		5.10nm	4.3mb	
RJF	42.98	306	eP	06 43.10	0.3
	1.0s		17.60nm	4.7mb	
LSF	43.04	308	eP	06 42.70	-0.6
LPO	43.18	305	eP	06 44.60	0.2
CHG	43.29	93	eP	06 45.50	-0.1
LFF	43.51	306	eP	06 47.30	0.2
	0.9s		16.30nm	4.8mb	
MFF	44.22	308	eP	06 52.30	-0.5
LDF	44.38	311	eP	06 53.20	-0.8
FLN	44.63	311	eP	06 55.20	-0.9
	0.6s		9.70nm	4.9mb	
GRR	44 85	311	eP	06 57.10	-0.7
LPF	44.94	310	eP	06 57 70	-0.8
EKA	47 17	320	P	07 16.00	-0.1
	0 7s		13 10nm	5 1mb	
GYA	47.46	80	eP	07 20.00	1.0
XAN	47.61	69	eP	07 18 60	-1.3
KRI	50.98	209	eP	08 07.00	21.0X
BUL	54.35	208	eP	08 11.00	-0.2
KIC	58.59	259	eP	08 42.30	0.8
ALE	64.29	352	eP	09 17.00	-2.0
	0.8s		4.00nm	4.7mb	
MBC	74.60	358	eP	10 22.00	-0.2
	0.6s		5.00nm	4.7mb	
FRB	76.43	337	eP	10 32.00	-0.9
INK	82.60	2	eP	11 06.00	0.0
YKA	87.96	354	eP	11 33.40	0.6
YKC	87.96	354	eP	11 32.50	-0.4
S.D. = 1.0 on 79 of 100 obs.					

• APR 25, 1985 08h 46m 24.92± 1.10s
33.523 S ± 7.0km 71.649 W ±10.7km
DEPTH = 33.0km (normal)

NEAR COAST OF CENTRAL CHILE (135)
Felt (III) at San Antonio and Melipilla.

LNV	0.47	155	iPd	46 36.20	1.1
TACH	0.61	102	iPc	46 36.90	-0.2
FCH	1.15	81	iPd	46 44.00	-1.1
JACH	1.22	47	iPc	46 45.50	-0.4
MDZ	2.43	76	eP	47 03.90	0.6
			iS	47 12.30	
RFA	2.92	116	ePd	47 09.30	-0.8
			S	47 51.20	
RTCV	3.10	59	iPc	47 13.30	0.5
			S	47 52.50	
ZON	3.19	53	eP	47 15.00	1.0
CFA	3.46	57	ePc	47 17.30	-0.5
			S	48 03.40	
RTLL	3.47	52	iPc	47 18.00	0.1
			S	48 02.00	
TCA	6.35	72	ePd	47 54.30	-4.5X
			S	49 04.20	
CCH	16.82	18	Pd	50 20.50	0.7
ALQ	75.52	331	e(P)	58 07.00	-0.9
S.D. = 0.8 on 12 of 13 obs.					

• APR 25, 1985 09h 06m 38.14± 0.74s
60.693 S ± 8.6km 154.332 E ±20.3km
DEPTH = 10.0km (geophysicist)
4.9mb (2 obs.) 5.4Msz (1 obs.)

WEST OF MACQUARIE ISLAND (701)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 34C
Centroid Location:
Origin Time 09:06:53.5 0.2
Lat 60.19S 0.03 Lon 153.00E 0.04
Dep 10.0 FIX Half-duration 3.6
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.86 0.14 Mtt= 7.67 0.18
Mff=-6.81 0.15 Mrt= 2.51 0.49
Mrf= 2.33 0.51 Mtf=-7.06 0.18
Principal Axes:

	Val=	Plg=	Azm=
T	10.73	7	21
N	-0.06	71	269
P	-10.67	18	113

Best Double Couple:Mo=1.1*10**25
NP1:Strike=156 Dip=72 Slip= -7
NP2: 248 83 -162

DRV	8.72	221	eP	08 48.90	1.8
SBA	17.71	171	eP	10 46.50	0.6
WAM	24.77	349	eP	12 02.50	1.6
			eTT	35 17.70	
CAN	25.62	350	eP	12 11.30	2.3
			eTT	35 31.60	
YOU	26.71	349	eP	12 19.90	0.8
ADE	27.65	332	eP	12 27.70	0.0
SPA	29.47	180	e(P)	12 58.80	14.7X
RMQ	34.40	351	iPd	13 28.50	1.2
NOU	39.28	18	iPc	14 08.00	-0.5
ASPA	39.63	330	eP	14 11.00	-0.4
	1.1s		20.00nm	4.7mb	
MRWA	40.52	303	eP	14 22.00	3.3X
CTA	40.97	348	iPc+	14 23.10	0.7
	1.3s		59.62nm	5.2mb	
			iS	20 34.00	
WB2	43.10	332	iPc	14 38.50	-1.4
MBL	46.30	313	eP	15 04 00	-1.5
HNR	51.33	7	eP	15 44 00	-0.4
			eS	23 12.00	
LMG	51.88	352	eP	15 48.00	-0.8

RAB 56.39 357 eP- 16 16.00 -5.7X
DAV 71 25 330 eP 18 03.00 3.8X
eS 27 20.00
PPI 72.75 302 eP 18 06.50 -1.7
MAN 79.67 327 eP 18 48.00 0.9
BAG 81.48 327 eP 19 08.00 11.2X
eS 29 10.00
CHG 90.82 309 eP 19 46.50 3.9X
MAT 97.78 347 eP 20 24.00 10.0X
Z 20s 1.24um 5.4Msz
IR2 126.75 279 (PKP) 25 47.00 4.1X
TUL 130.10 86 ePKP 26 03.70 14.6X
1.3s 12.80nm
INK 138.77 33 ePKP 26 12.00 7.6X
KDZ 143.93 262 iPKP 26 23.00 8.6X
MMB 144.68 260 ePKP 26 14.00 -1.7
VAY 145.03 259 ePKP 26 15.00 -1.2
CFR 145.18 268 ePKP 26 24.50 8.2X
VTS 145.70 261 ePKP 26 17.00 -0.3
OHR 145.72 257 ePKP 26 26.70 9.2X
SKO 146.08 258 iPKP 26 29.00 11.0X
VRI 146.37 268 ePKP 26 28.00 9.6X
MLR 146.48 267 ePKP 26 30.00 11.3X
MBC 146.90 26 ePKP 26 21.00 2.7X
CLO 147.72 263 ePKP 26 30.00 9.5X
AQU 150.17 250 e(PKP) 26 43.50 19.0X
KBA 153.74 257 e(PKP) 26 47.00 17.3X
1.2s 7.30nm
i 26 55.10
CTI 153.80 253 e(PKP) 26 39.50 9.8X
KHC 155.06 260 ePKP 26 38.80 7.6X
e 27 19.70
S.D. = 1.3 on 19 of 41 obs.

• APR 25, 1985 09h 27m 43.29± 1.41s
33.027 S ± 8.9km 72.220 W ±13.8km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV 1.15 144 iPd 28 02.30 -0.7
TACH 1.24 121 iPd 28 04.20 -0.2
JACH 1.41 76 iPd 28 05.50 -1.5
FCH 1.65 101 iPc 28 10.80 0.2
MDZ 2.84 88 eP 28 29.50 2.2
iS 29 08.10
RTCV 3.32 71 ePd 28 35.00 0.7
S 29 22.00
ZON 3.34 65 eP 28 35.00 0.5
RFA 3 57 120 ePc 28 38.00 0.2
S 29 40.00
RTLL 3 60 63 ePc 28 39.50 1.3
S 29 35.00
CFA 3 66 68 ePc 28 38.70 -0.2
S 29 46.50
TCA 6.68 77 ePc 29 18.00 -3.8X
S 30 41.00
CYA 7.17 52 iPd 29 23.00 -5.6X
SLA 10.15 37 eP 30 08.80 -1.2
ARE 16.51 2 e(P) 31 35.00 0.7
CCH 16.51 21 eP 31 41.00 6.6X
VAO 24.37 72 eP 32 56.90 -2.8
BAQ 27.95 58 P 33 28.50 -4.4X
SPA 57.15 180 e(P) 37 30.00 0.9
S.D. = 1.4 on 14 of 18 obs.

% APR 25, 1985 09h 28m 17.60± 0.86s
39.651 N ± 8.5km 29.432 E ± 6.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.62 266 iPn 28 28.80 -1.4
ALT 0.79 138 ePn 28 33.60 0.5
YLV 0.92 357 iPn 28 35.50 0.3
GPA 0.93 46 ePn 28 34.60 -0.7
KCT 1.02 306 iPn 28 37.50 0.6
TTK 1.08 277 iPn 28 38.50 0.6
S.D. = 1.1 on 6 of 6 obs.

? APR 25, 1985 09h 39m 01.23±15.76s
32.669 S ±40.4km 73.088 W ±125.km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV 1.90 133 iPd 39 31.90 0.0
iS 39 50.50
TACH 2.05 119 iPd 39 34.00 -0.1
JACH 2.10 91 iPd 39 34.60 -0.3
iS 39 54.20
FCH 2.44 106 iPc 39 40.20 0.2
TCA 7.34 82 e(P) 40 49.00 0.1
S.D. = 0.3 on 5 of 5 obs.

% APR 25, 1985 09h 43m 45.15± 0.87s
39.618 N ± 8.6km 29.407 E ± 6.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.60 269 iPn 43 56.70 -0.6
iSg 44 10.00
ALT 0.78 136 iPn 44 01.10 0.6
YLV 0.95 358 iPn 44 04.50 1.2
GPA 0.96 46 iPn 44 01.90 -1.6
KCT 1.02 308 iPn 44 04.50 0.0
TTK 1.06 278 iPn 44 05.50 0.3
EDC 1.39 302 ePn 44 09.00 -1.6
ISK 1.47 350 ePn 44 12.50 0.8
KGT 1.82 298 iPn 44 17.50 0.8
S.D. = 1.2 on 9 of 9 obs

? APR 25, 1985 09h 58m 24.84± 1.67s
47.526 N ±33.7km 148.641 E ±19.4km
DEPTH = 33.0km (normal)
4.6mb (9 obs.) 5.3Msz (1 obs.)
NORTHWEST OF KURIL ISLANDS (220)

COL 37.46 39 iP 05 36.00 -0.5
INK 42.65 32 eP 06 19.50 0.3
YKA 52.10 36 eP 07 33.40 0.0
KKN 52.39 272 eP 07 36.50 0.2
0.6s 18.00nm 5.2mb
PKI 52.45 271 eP 07 36.40 -0.5
0.5s 6.00nm 4.8mb
DMN 52.63 272 eP 07 38.20 0.1
0.6s 15.00nm 5.1mb
SUF 61.00 334 iP 08 37.20 0.4
0.4s 1.80nm 4.6mb
FRB 65.26 17 eP 09 02.00 -2.9X
NB2 66.46 339 P 09 13.40 0.7
0.7s 2.60nm 4.4mb
HFS 66.61 337 ePKP 09 11.60 -2.0
0.7s 2.80nm 4.5mb
Z 22s 1.89um 5.3Msz
LR 37 08.00
GRR 80.86 340 eP 10 36.60 0.1
AVF 81.29 337 eP 10 38.90 0.1
SMF 81.29 336 eP 10 38.70 -0.1
MZF 82.03 337 eP 10 43.30 0.6
0.7s 3.40nm 4.5mb
CAF 83.36 337 eP 10 50.30 0.7
0.7s 2.20nm 4.4mb
LFF 83.70 338 eP 10 51.10 -0.2
0.7s 4.00nm 4.7mb
S.D. = 0.7 on 15 of 16 obs.

% APR 25, 1985 10h 36m 52 31± 0.69s
60.709 N ± 5.0km 5.587 E ± 7.1km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.1 (BER).

ASK 0.30 221 iPg 36 58.70 0.2
eSg 37 02.90
BER 0.35 202 iPg+ 36 59.50 0.0
iSg 37 04.30
SUE 0.53 311 iPg+ 37 03.10 0.0
iSg 37 09.90
HYA 0.54 32 iPg 37 03.30 0.0
iSg 37 11.70
ODD 0.93 144 iPn+ 37 10.30 0.2
eSn 37 22.30
KMY 1.51 187 ePn 37 19.00 -0.4
iPg 37 21.00
eSn 37 35.20
iSg 37 40.30
S.D. = 0.3 on 6 of 6 obs.

• APR 25, 1985 11h 05m 13.73± 1.01s
33.053 S ± 8.5km 68.614 W ±11.0km
DEPTH = 10.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

MDZ 0.26 310 iPd 05 18 60 -0.7
iS 05 29.20
RTCV 1.19 3 eP 05 36.00 0.0
(S) 05 50.80
RFA 1.72 176 ePc 05 44.20 0 3
S 06 10.50
RTLL 1.72 4 iPd 05 45.20 1.2
S 06 09.50
TCA 3.82 64 ePc 06 13.00 -0.9
S 07 11.80
S.D. = 1.2 on 5 of 5 obs.

APR 25, 1985 11h 54m 49.47± 0.39s
7.901 N ± 6.7km 77.393 W ± 4.8km
DEPTH = 33.0km (normal)
4.8mb (26 obs.)
PANAMA-COLOMBIA BORDER REGION (82)
Felt (IV) at Jaque and (III) at
Puerto Obaldia, Panama.

UPA 2.37 297 iPd 55 25.20 -1.7
0.9s 924.37nm
i 55 29.20
(S) 55 56.00
BMG 4.36 101 iP 55 55.00 -0.3
BOG 4.64 134 eP 56 00.00 0.6
eS 56 55.00
UAV 6.22 83 ePn 56 20.30 -1.4
LGN 6.45 69 ePn 56 24.00 -0.6
SDV 6.76 81 ePn 56 28.10 -1.1
TOV 7.74 75 ePn 56 41.10 -1.7
PCJ 9.78 1 eP 57 13.12 2.1
HOJ 10.06 4 eP 57 15.62 0.8
eS 59 08.17
STH 10.13 3 eP 57 16.52 0.7
eS 59 07.82
GWJ 10.13 4 eP 57 16.07 0.1
CAR 10.65 75 ePn 57 13.20 -9.8X
0.4s 32.20nm 5.9mb X
CCH 27.47 156 P 00 36.60 1.5
RSCP 28.57 346 eP 00 46.30 1.7
BHO 30.88 331 eP 01 04.50 -0.6
FVM 32.19 340 iP 01 16.10 -0.5
1.0s 12.00nm 4.7mb
RLO 32.42 333 ePd 01 18.00 -0.6
TUL 32.56 332 iPd 01 19.40 -0.5
0.9s 17.50nm 5.0mb
LTX 32.63 314 eP 01 20.50 -0 2
1.0s 4.80nm 4.3mb
SIO 32.67 331 e(P) 01 24.50 3.6X
ALQ 37.89 319 eP 02 05.00 -0.6
1.0s 12.00nm 4.7mb
GLD 40.33 326 eP 02 27.00 1.2
1.1s 28.93nm 4.9mb
GOL 40.37 326 iP 02 27.10 0.8
1.0s 6.00nm 4.3mb
GLA 42.71 311 eP 02 46.00 0.7
RSSD 42.91 332 eP 02 47.30 0.3
1.2s 15.17nm 4.6mb
BDW 44.78 326 eP 03 02.50 0.3
1.0s 4.00nm 4.2mb
RSON 44.91 345 eP 03 02.30 -0.5
1.1s 6.98nm 4.5mb
EUR 46.70 318 iP 03 18.10 0.7
1.0s 1.92nm 4.0mb
BMN 48.02 319 eP 03 27.00 -0 7
1.1s 3.25nm 4.3mb
LRM 48.34 327 eP 03 29.90 -0 3
SES 50.75 333 eP 03 48.00 -0.3
NEW 52.36 327 P 04 01.50 0.9
FRB 56.11 5 eP 04 26.00 -1 6
YKC 60.79 341 eP 04 58.50 -1.8
YKA 60.84 341 eP 04 59.60 -1.1
INK 70.59 341 eP 05 02.50 -0.6
MBC 72.01 350 eP 06 10.50 -1.0
0.7s 10.00nm 4.9mb
COL 74.62 335 eP 06 26.00 -0.9
ALE 74.85 2 ePc 96 26.00 -2 0
0.8s 12.00nm 4.9mb
FLN 75.47 42 eP 06 32.60 0.5
1.1s 16.60nm 4.9mb
EPF 75.69 48 eP 06 34.30 0 7
1.0s 14.80nm 4.9mb
LDF 75.70 42 eP 06 34.00 0.6
LFF 76.06 46 eP 06 35.80 0.2
1.1s 19.80nm 5.0mb
LPO 76.37 46 eP 06 37.70 0.4
0.8s 10.70nm 4.9mb
CAF 77.01 46 eP 06 41.30 0.4
1.0s 12.00nm 4.9mb

25d 12h

TCF 77.15 44 eP 06 41.80 0.1
MZF 77.41 44 eP 06 43.30 0.2
0.8s 4.90nm 4.6mb
GRC 77.78 43 iPc 06 45.40 0.4
AVF 77.96 44 eP 06 46.00 0.0
1.0s 6.20nm 4.6mb
SMF 78.29 44 eP 06 48.00 0.1
1 0s 8.80nm 4.7mb
LOR 78.31 43 eP 06 48.10 0.1
1 2s 11.90nm 4.8mb
DOU 78.85 41 Pc 06 51.90 1.0
BSF 80.30 43 eP 06 58.80 -0.1
CDF 80.61 12 eP 07 00.70 0.2
NB2 82.47 29 P 07 10.80 0.9
1.0s 8.60nm 4.8mb
HFS 83.75 30 eP 07 16.10 -0.3
0.5s 3.60nm 4.8mb
KHC 84.73 41 Pd 07 23.00 1.4
1.0s 12.50nm 5.1mb
i 07 58.00
e 09 09.50
KBA 84.78 43 e(P) 07 22.00 -0.1
0.9s 15.30nm 5.2mb
i 07 34.40
i 08 39.10
i 08 51.20
i 09 08.70
PRU 85.26 40 eP 07 25.50 1.3
ZST 87.16 42 eP 07 35.00 1.4
HYB 145.39 43 ePKP 14 25.20 -1.5
1.0s 25.00nm
WB2 147.02 245 ePKP 14 24.30 -5.0X
KMI 147.18 360 ePKP 14 30.00 0.3
S.D = 1.0 on 60 of 63 obs.

APR 25, 1985 12h 05m 35.50± 0.41s
40.812 N ± 5.8km 20.348 E ± 3.4km
DEPTH = 10.0km (geophysicist)
4.5mb (8 obs.)
GREECE-ALBANIA BORDER REGION (392)
ML 4.2 (ATH), 3.9 (TTG).

OHR 0.45 49 iPgc 05 44.20 -0.6
iSg 05 50.40
KZN 1 20 114 ePb 05 57.00 -0.8
eSg 06 09.00
ULC 1.42 325 ePn 06 03.00 1.7
eSn 06 28.00
SKO 1.42 35 iPn 06 02.60 1.3
i 06 03.70
i 06 21.00
iSn 06 22.00
GRG 1.56 84 ePbd 06 03.60 0.2
VAY 1.76 72 iPnd 06 06.00 -0.1
i 06 35.00
LIT 1.78 113 ePbc 06 07.10 0.5
PVY 1.80 351 ePn 06 10.00 3.0X
eSn 06 38.50
TTG 1.81 334 iPn 06 09.20 2.3
eSn 06 38.40
BDV 1.86 323 ePn 06 10.00 2.3
eSn 06 39.00
LCI 1.89 256 ePn 06 08.10 0.1
iSn 06 35.50
KNT 1.96 79 ePnd 06 09.10 -0.1
THE 2.00 94 ePn 06 10.70 1.1
HCY 2 14 320 ePn 06 13.50 1.7
eSn 06 46.00
SOF 2 28 89 ePn 06 13.70 -0.1
BRT 2 39 273 ePn 06 17.00 1.8
eSn 06 49.00
SPS 2 48 82 ePn 06 16.50 0.0
BRY 2 48 328 ePn 06 19.20 2 4
eSn 06 55 00
PLE 2.61 345 ePn 06 22.00 3.4X
eSn 07 00.00
VLS 2.64 176 ePn 06 20.20 1.3
MMB 2.67 72 iPd 06 19.00 -0.3
VTS 2.78 49 iP 06 22.00 1.1
iSg 07 00.00
OUR 2.81 99 ePn 06 20.60 -0 7
ORI 3.07 257 iPnd 06 26.00 1 1
iSn 07 09 50
PLD 3.52 67 eP 06 33 00 1.7
SGO 3.84 298 ePn 06 37.50 1.6
eSn 07 25.50
ATH 3.85 136 ePn 06 37.10 1.0

KDZ 3.86 76 iPc 06 35.00 -1.2
iS 07 20.00
DIM 4.12 71 eP 06 39.00 -0.9
PVL 4.29 55 eP 06 42.00 -0.2
DUI 4.52 283 ePn 06 47.50 2.0
eSn 07 39.50
CLO 4.62 22 iP 06 48.00 1.0
EZN 4.67 100 ePn 06 47.20 -0.5
JMB 4.96 68 eP 06 51.00 -0.7
KGT 5.30 92 eP 06 53.00 -3.7X
AQU 5.43 289 iPnc 06 59.20 0.7
DMK 5.67 77 eP 07 01.00 -0.8
MNS 5.96 288 iPnd 07 06.50 0.6
KCT 6.13 93 eP 07 04.00 -4.3X
MLR 6.21 39 eP 07 15.00 5.4X
DST 6.45 98 eP 07 10.00 -2.9
CEY 6.55 321 iPnc 07 13.80 -0.5
iSn 08 30.80
LJU 6.73 323 ePn 07 15.80 -0.9
eSn 08 34.30
TRI 6.86 318 iPnc 07 16.50 -2.0
iSn 08 35.50
VRI 6.87 40 eP 07 20.00 1.3
CTI 8.21 312 ePn 07 35.50 -2.1
iSn 09 10.00
SAL 8.62 307 e(Pn) 07 41.00 -2.2
CVF 8.77 285 eP 07 51.00 5.7X
0.5s 6.60nm 5.2mb
OGA 9.05 315 eP 07 47.30 -2.0
BSF 11.97 310 eP 08 26.30 -2.9
CDF 12.01 314 eP 08 28.30 -1.4
HAU 12.32 310 eP 08 31.60 -2.1
0.8s 8.00nm 5.0mb
SMF 13.28 302 eP 08 43.50 -3.0
LBF 13.31 303 eP 08 43.50 -3.5X
LOR 13.49 304 eP 08 47.50 -1.9
AVF 13.64 302 eP 08 49.40 -1.9
HFS 19.78 350 eP 10 10.10 1.6
0.6s 6.60nm 4.1mb
NUR 19.90 6 iP 10 12.40 2.7X
0.7s 10.60nm 4.3mb
NB2 21.02 348 P 10 22.60 1.2
0.8s 5.40nm 4.0mb
SUF 22.21 7 iP 10 36.60 3.2X
0.7s 7.60nm 4.3mb
KJF 23.82 8 iP 10 50.80 1.8
0.7s 20.00nm 4.8mb
BNG 36.25 183 ePd 12 40.10 -0.7
1.3s 12.30nm 4.6mb
KIC 40.98 220 eP 13 20.40 0.2
YKA 70.88 340 eP 16 57.20 3.1X
S.D. = 1.5 on 54 of 64 obs.

? APR 25, 1985 12h 31m 44.04±17.58s
17.760 N ±130.km 62.979 W ±64.1km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)

BPA 1.28 123 iPd 32 07.92 0.0
S 32 14.00
SEG 1.95 134 eP 32 17.00 -0.5
MLG 2.08 144 eP 32 19.20 -0.3
PAG 2.12 144 eP 32 20.22 0.1
S 32 36.60
BTG 2.13 145 eP 32 20.39 0.2
SFG 2.27 131 eP 32 22.56 0.4
S.D. = 0.4 on 6 of 6 obs.

? APR 25, 1985 13h 13m 50.38±10.57s
39.317 N ±70.0km 29.431 E ±42.7km
DEPTH = 10 0km (geophysicist)
TURKEY (366)

DST 0.69 295 ePn 14 03.00 -1.0
TTK 1 16 293 iPn 14 15.80 3.7X
KCT 1.25 319 iPn 14 14.30 0.8
YLV 1.25 358 iPn 14 12.30 -1.3
EDC 1.59 311 ePn 14 19.00 0.4
ISK 1.77 351 iPn 14 22.30 1.1
S.D. = 1.5 on 5 of 6 obs.

% APR 25, 1985 13h 21m 42.98± 1.53s
39.699 N ±14.1km 29.249 E ± 8.3km
DEPTH = 10 0km (geophysicist)
TURKEY (366)

DST 0.49 259 iPg 21 52.50 -0.4

iSg 22 00.50
YLV 0.87 6 iPn 21 59.30 -0.5
TTK 0.93 274 ePn 22 00.80 0.0
GPA 1.01 54 ePn 22 02.10 0.1
EDC 1.25 302 iPn 22 05.80 -0.3
ISK 1.37 354 iPn 22 08.30 0.2
KGT 1.67 297 iPn 22 13.30 0.9
S.D. = 0.6 on 7 of 7 obs.

APR 25, 1985 13h 48m 59.81± 0.31s
56.103 N ± 7.4km 164.672 E ± 4.6km
DEPTH = 33.0km (normal)
4.9mb (18 obs.) 4.3Msz (1 obs.)
KOMANDORSKY ISLANDS REGION (4)

SMY 6.46 118 P 50 34.40 -0.6
ADK 11.75 103 P 51 43.80 -4.1X
1.0s 68.00nm 5.8mb X
TTA 20.79 55 eP 53 40.00 -0.3
IMA 22.02 46 eP 53 53.50 0.7
BRW 22.29 32 eP 53 56.60 1.5
PME 24.13 58 eP 54 23.50 10.3X
COL 24.42 50 eP 54 16.00 0.0
0.9s 9.66nm 4.4mb
e 54 26.00
FBA 24.42 50 P 54 17.00 1.0
1.0s 500.00nm 6.0mb X
MAT 26.49 234 iPc 54 35.90 0.2
1.0s 65.00nm 5.2mb
Z 20s 0.89um 4.3Msz
eS 59 11.00
INK 29.86 41 eP 55 05.00 -0.8
MBC 33.20 25 eP 55 34.00 -1.0
BTO 38.40 270 eP 56 20.00 0.4
YKA 39.15 47 eP 56 25.80 0.4
ALE 39.57 9 eP 56 27.00 -1.8
0.7s 9.00nm 4.6mb
PNT 44.21 65 eP 57 07.00 -0.1
1.0s 34.00nm 5.1mb
pP 57 18.00 38kmX
GTA 44.91 277 iPc 57 12.80 -0.2
LZH 45.01 270 eP 57 16.00 2.1
DAG 47.37 1 iPc 57 31.00 -0.8
0.6s 10.00nm 5.0mb
WMQ 48.48 290 P 57 41.00 0.0
CD2 48.89 265 P 57 43.30 -0.9
MIN 49.14 76 eP 57 57.40 11.2X
ORV 49.76 77 iPc 58 01.60 10.8X
LRM 50.16 65 eP 58 03.50 9.4X
BMN 51.45 73 P 58 09.80 6.0X
1.2s 24.19nm 5.0mb
JAS1 51.51 77 eP 58 15.80 11.7X
MNA 52.38 75 eP 58 22.50 11.6X
EUR 52.80 73 iP 58 14.20 0.1
0.5s 1.33nm 4.2mb
MAN 53.05 237 eP 58 16.80 1.0
FRB 53.65 26 eP 58 18.00 -1.6
BDW 53.77 66 P 58 21.00 -0.2
1.0s 28.25nm 5.2mb
CWC 53.88 77 eP 58 32.00 10.1X
KMI 53.93 262 eP 58 23.00 0.5
ISA 54.23 78 eP 58 34.00 9.6X
CLC 54.60 77 eP 58 27.00 -0.1
SBB 55.31 78 eP 58 43.00 10.7X
RSON 55.31 49 eP 58 42.30 10.3X
1.0s 6.00nm
GSC 55.41 77 eP 58 32.00 -1.1
MSU 55.53 71 P 58 35.70 1.7
KJF 55.56 339 iP 58 34.00 0.4
0.5s 16.80nm 5.3mb
RSSD 55.56 61 P 58 34.30 0.1
TPC 56.72 77 eP 58 44.00 1.6
PLM 56.84 78 eP 58 48.00 4.5X
LSA 56.87 275 Pc 58 43.70 -0.3
SUF 57.20 339 iP 58 45.00 -0.4
0.7s 9.20nm 4.9mb
RMU 57.23 71 eP 58 57.00 10.8X
GOL 58.18 65 eP 59 01.00 8.1X
1.1s 8.33nm 4.7mb
GLA 58.18 77 eP 58 41.00 -11.7X
GLA 58.18 77 eP 59 02.00 9.3X
NUR 59.51 338 iP 59 00.60 -0.9
Z 24s 0.30um 4.3MszX
LR 22 20.00
LOE 60.68 257 eP 59 08.00 -2.0
CHTO 61.07 261 iP 59 12.50 -0.2
1.2s 39.93nm 5.4mb

```
ALQ     61.23  70 eP     59 13.00  -0.8
        1.0s     5.25nm          4.6mb
NB2     61.34 346 P      59 13.00  -1.1
        1.3s    19.40nm          5.1mb
SLL     61.58 344 eP     59 11.00  -4.6X
        0.6s     2.50nm          4.5mb
KKN     61.61 278 iPc    59 15.90  -0.6
PKI     61.71 278 iPc    59 16.60  -0.7
DMN     61.84 278 iPc    59 17.70  -0.5
        0.6s    39.00nm          5.7mb
LTX     67 08  71 eP     59 52.00   0.1
KSP     70.24 339 eP     00 12.00   1.0
LLL     70.41 342 e(P)   00 12.00   0.0
SPC     70 97 336 eP     00 28.10  12.4X
MOX     71.29 342 eP     00 19.00   1.6
PRU     71.40 340 eP     00 18.00   0.0
KHC     72.40 341 iPc    00 26.00   1.9
        1.2s    10.00nm          4.7mb
                e        00 46.00
IR2     72.73 309 (P)    00 28.00   1.7
HYB     73.58 277 eP     00 37.50   6.1X
KBA     74.41 340 eP     00 36.00   0.0
        1.0s     8.50nm          4.7mb
                 i       00 38.30
POO     75.28 281 iPc    00 47.00   5.8X
WB2     79.97 209 eP     01 07.00   0.1
SPA    145.92 180 e(PKP)08 34.50  -0.8
     S.D. = 1.0  on  49 of  70 obs.

   APR  25, 1985  14h 10m 27.05± 0.45s
    8.535 N ± 7.2km   93.737 E ± 8.9km
   DEPTH =  33.0km  (normal)
   4.8mb (  7 obs.)
 NICOBAR ISLANDS REGION              (704)

TSI     6.93 136 ePc     12 11.00   2.0
SNG     6.95 101 eP      12 22.00  12.8X
                 eS      13 21.50
                 i       18 51.00
PSI     7.76 138 iPc     12 20.50  -0.1
        1.0s    56.90nm          5.6mb
IPM     8.24 118 ePd     12 32.10   4.8X
CHG    11.40  26 iPc     13 13.00   2.3
        0.8s     8.58nm          5.0mb
KGM    11.53 124 eP      13 16.50   4.1X
KOD    16.14 277 eP      14 16.00   2.5
SHL    17.03 354 iP      14 25.00   0.4
HYB    17.22 302 eP      14 27.00   0.2
                 eS      17 27.00
PKI    20.51 338 iPc     15 05.20  -0.3
        0.9s    52.00nm          4.9mb
DMN    20.65 338 iPc     15 06.90   0.0
        0.8s    75.00nm          5.1mb
KKN    20.75 338 iPc     15 07.40  -0.5
LSA    21.19 354 Pc      15 11.50  -1.2
GYA    21.64  33 eP      15 23.40   6.6X
CD2    24.15  21 eP      15 42.40   1.2
NDI    25.37 324 eP      15 52.50  -0.4
GTA    31.22   9 P       16 45.80  -0.1
QUE    33.04 314 eP      17 03.00   1.0
MUN    45.65 153 eP      18 46.00  -0.4
KLG    47.28 147 eP      18 58.00  -1.4
WB2    48.98 126 eP      19 12.00  -0.7
MTD    66.41 248 eP      21 15.00  -0.7
KRI    68.22 248 eP      21 34.00   6.8X
BUL    70.10 245 eP      21 40.00   1.3
BJI    72.03 335 eP      21 49.00  -0.4
SUF    72.26 333 eP      21 50.00  -0.8
        0.8s     2.80nm          4.3mb
NUR    72.37 331 eP      21 31.00 -20.5X
SOD    73.45 338 eP      21 56.00  -1.7
APO    77.60 330 eP      22 20.00  -1.4
        0.6s     3.50nm          4.6mb
NB2    78.96 331 P       22 28.00  -0.9
        1.0s     5.10nm          4.5mb
     S.D  = 1.2  on  24 of  30 obs.

   APR  25, 1985  14h 14m 59.10± 0.67s
    7.717 S ± 4.7km  108.036 E ± 4.7km
   DEPTH =  82.0 ±  5.9 km
   5.3mb ( 20 obs.)
 JAVA                                (277)
      Felt at Bandung.
      CENTROID, MOMENT TENSOR        (HRV)
      Data Used: GDSN
      L.P.B.: 11S, 19C
      Centroid Location:

      Origin Time       14:14:59.8 1.1
      Lat  7.73S 0.12 Lon 107.54E 0.10
      Dep  84.0 10.7 Half-duration  1.5
      Moment Tensor, Scale 10**23 D-CM
        Mrr= 3.88 0.55  Mtt=-3.87 1.27
        Mff=-0.01 1.11  Mrt= 6.08 0.59
        Mrf=-1.26 0.75  Mtf=-0.01 0.82
        Principal Axes.
         T  Val=  7.38  Plg=60  Azm= 17
         N        -0.13      5      278
         P        -7.25     29      185
      Best Double Couple:Mo=7.3*10**23
       NP1:Strike=260 Dip=16 Slip=  71
       NP2:       100     75       95

TRT      4.56  90 iPd    16 08.00   0.9
                 iS      16 52.70
KGM     10.75 334 ePd    17 33.80   1.6
        0.5s   125.90nm          6 1mb X
                 i       17 36.90
IPM     14.08 330 ePd    18 18.30   2.2
                 e       19 14.40
                 e       23 05.00
TSI     14.61 319 e(P)   18 22.00  -1.0
KUPT    15.57 100 eP     18 34.00  -1.2
KKM     15.92  31 ePd    18 43.70   3.9X
        0.6s    35.10nm          4.7mb
NAU     16.40 155 eP     18 39.00  -6.6X
MBL     17.56 141 eP     18 55.00  -5.1X
        0.3s    26.00nm          4.9mb
AAI     20.45  80 ePd    19 31.90  -0.5
MEK     21.28 153 eP     19 40.00  -0.7
MRWA    22.66 162 eP     19 54.00  -0.3
MTN     23.28 105 iPd    20 01.20   0.8
PLP     25.22  42 iPc    20 20.50   1.5
LOE     25.73 346 eP     20 22.00  -1.7
                 e       31 39.00
KLG     26.16 153 eP     20 27.00  -0.6
CHG     27.84 341 eP     20 42.00  -1.0
WB2     28.24 118 eP     20 44.80  -1.8
                 eS      25 27.30
ASPA    29.44 126 eP     20 57.00  -0.4
KMI     33.05 351 eP     21 30.00   0.9
GYA     34.00 358 eP     21 38.20   1.0
KOD     35.28 300 eP     21 49.00   0.5
HYB     38 37 311 iPc    22 13.50  -0.7
        0.7s    60.70nm          5.6mb
WHN     38.52   9 eP     22 18.00   2.8
                 iPcP    24 27.50
CTA     38.98 112 iPc    22 19.90   0.6
        1.2s    33.59nm          5.1mb
STK     39.40 132 eP     22 22.00  -0.6
LMG     39.70  95 eP     22 25.00  -0.5
NJ2     40.87  14 eP     22 36.40   1.8
PKI     41.35 329 iPc    22 37.70  -1.3
        0.6s    13.00nm          4.9mb
XAN     41.53   1 Pc     22 40.10   0.0
DMN     41.54 329 iPc    22 39.20  -1.3
        0.6s    45.00nm          5.5mb
KKN     41.60 329 iPc    22 39.40  -1.5
        0.7s    29.00nm          5.2mb
POO     42.63 308 iPc    22 49.00  -0.3
TIA     44.52  10 Pd     23 04.20  -0.1
                 ePcP    24 46.80
TIY     45.38   5 P      23 11.90   0.8
YOU     45.55 131 eP     23 12.50  -0.1
CAN     46.47 132 eP     23 20.50   0.7
WAM     46.77 133 eP     23 24.00   1.8
NDI     46.83 322 eP     23 19.50  -3.2X
        0.6s   120.00nm          6.0mb
                 eS      30 03.00
GTA     47.50 351 P      23 28.50   0.5
                 PcP     24 58.00
                 ScP     28 45.80
                 ScS     33 12.80
BJI     48.11   8 eP     23 33.00   0.5
                 e       25 00.00
HHC     48.43   4 eP     23 35.00  -0.1
VSG     51.10  96 eP     23 56.00   0.1
SNY     51.32  15 eP     23 55.60  -1.4
HNR     51.32  96 eP     23 56.00  -1.5
MAT     52.34  31 eP     24 03.00  -1.9
                 eS      25 16.00
CN2     53.65  16 Pc     24 12.80  -1.5
WMQ     54.51 342 P      24 19.50  -1.3
                 PcP     25 23.00
QUE     54.55 316 eP     24 20.00  -1.4

KSH     55.54 330 P      24 28.00  -0.3
KHI     62.58 315 ePc    25 15.50  -1.7
MHI     63.16 317 eP     25 19.00  -1.9
NPA     67.61 257 eP     25 50.00   0.3
IR2     68.87 313 iPc    25 57.10  -0.2
TET     73.02 255 eP     26 23.00   0.6
TAB     73.21 313 eP     26 23.00  -0.4
MTD     74.89 255 iPc    26 33.00  -0.4
SBA     76.15 169 e(P)   26 38.50  -0.9
EVA     76.74 245 eP     26 45.20   1.3
        0.5s    14.08nm          5.1mb
KRI     76.77 255 eP     26 46.00   1.9
SLR     77.49 245 eP     26 49.00   1.1
        0.7s    13.01nm          4.9mb
BUL     77.49 251 iPc    26 48.00   0.0
BPI     77.70 245 eP     26 46.50  -2.6
PRY     78.16 244 eP     26 52.00   0.4
VIR     78.65 243 eP     26 55.50   1.2
        0.5s    21.13nm          5.3mb
SWZ     80.06 244 iPc    27 02.00   0.1
        0.5s    10.56nm          5.0mb
SMY     82.03  34 P      27 09.50  -1.9
SPA     82.33 180 eP     27 14.00   1.0
        1.0s    12.00nm          4.8mb
ELL     85.16 308 iP     27 28.30   0.4
YLV     86.44 312 iPc    27 34.30   0.2
ADK     87.05  37 P      27 36.60   0.0
        0.7s    23.26nm          5.4mb
DMK     87.91 313 eP     27 41.60   0.6
VRI     89.47 316 eP     27 48.00  -0.4
DIM     89.54 312 eP     27 49.00   0.3
KDZ     89.64 312 iPc    27 49.00  -0.2
PVL     90.04 313 iPc    27 51.00   0.0
BNG     90.08 274 iPc    27 52.10   0.2
        1.2s    42.20nm          5.5mb
VTS     91.38 313 iPc    27 58.00   0.8
KJF     92.69 334 iP     28 03.00   0.2
        0.5s    50.50nm          6.2mb
SUF     93.09 333 iP     28 04.70   0.1
        0.6s    21.60nm          5.7mb
NUR     93.41 331 iP     28 05.70  -0.4
        0.6s    14.30nm          5.6mb
SOD     93.77 337 iP     28 07.80   0.1
KEV     94.09 340 eP     28 08.00  -1.1
HFS     98.80 330 eP     28 30.00  -0.6
        0.6s     8.10nm          5.5mb
TTA     99.53  27 P      28 33.50  -0.6
NB2    100.01 331 Pdiff  28 36.80   0.5
        0.7s     1.50nm          4.7mb
IMA    100.37  24 Pdiff  28 39.00   1.1
PMR    102.85  29 Pdiff  28 49.00   0.2
INK    107.43  20 ePKP   33 17.00  -0.2
KIC    113.33 274 ePKP   33 29.70  -0.4
YKA    117.17  21 ePKP   33 36.30   0.3
YKC    117.23  21 ePKPc  33 36.50   0.4
        0.6s    12.00nm
GMW    121.48  38 PKP    33 46.00   1.3
PNT    122.53  35 iPKPc  33 47.60   1.0
        0.7s    15.00nm
FRB    124.02 358 ePKPc  33 48.60  -0.4
NEW    124.49  35 PKP    33 51.30   0.8
        0.8s     4.84nm
GAS    124.67  47 PKP    33 53.00   1.8
FFC    127.33  21 ePKPd  33 56.10   0.4
        0.6s    13.00nm
BMN    128.22  44 PKP    33 58.40   0.3
BDW    131.94  37 ePKP   34 06.00   0.8
MSU    132.57  43 PKP    34 03.00  -3.5X
SCH    132.85 356 ePKP   34 06.00  -0.2
RSON   133.36  19 iPKP   34 08.80   1.5
        0.5s    17.19nm
RSSD   134.22  32 ePKP   34 09.80   0.3
        0.8s    28.17nm
GOL    136.32  38 ePKP   34 04.80  -8.9X
        1.0s     5.00nm
ALO    138.34  44 e(PKP)34 12.00  -5.5X
                 i       34 21.00
VAO    140.88 218 e(PKP)34 23.00   0.7
MIM    142.53 357 ePKP   34 20.50  -3.9X
PTN    143.19   4 PKP    34 22.30  -3.2X
RSNY   143.24   3 iPKP   34 22.80  -2.8X
        0.8s    21.13nm
LTX    143.25  50 PKP    34 24.30  -1.9
SKLY   143.84   3 PKP    34 24.60  -2.0
SIO    144.30  35 ePKPd  34 27.10  -0.6
TUL    144.48  34 ePKPc  34 27.50  -0.5
        1.2s   189.20nm
```

25d 14h

Z 23s 0.46um 5.2MszX
RLO 144.71 33 iPKPc 34 28.10 -0.3
WVLY 144.90 9 PKP 34 28.00 -0.6
JC~ 145 48 45 iPKP 34 31.00 1.1
FVM 145.55 26 iPKP 34 30.70 0.9
0 5s 104 97nm
BMO 146.10 35 ePKPd 34 32.00 1.2
TBP 146 65 3 PKP 34 33.40 1.9
POW 146 69 29 PKP 34 32.00 0.3
BAC 146.80 226 PKP 34 30.80 -1.7
OLY 147.07 30 PKP 34 34.80 2.5X
PRIN 147.40 4 PKP 34 36.00 3.4X
NAV 149.46 14 PKP 34 41.00 4.9X
GFM 150.34 16 PKP 34 43.80 6.2X
OXM 150.74 64 iPKPc 34 46.00 7.1X
PRM 152.06 19 iPKP 34 47.50 7.5X
S.D. = 1.1 on 111 of 127 obs.

• APR 25, 1985 14h 28m 46.39± 0.71s
8.038 N ±11.1km 93.821 E ± 9.8km
DEPTH = 33.0km (normal)
4.9mb (6 obs.)
NICOBAR ISLANDS REGION (704)

PSI 7.35 135 ePc 30 33.80 -0.3
1.0s 48.30nm 5.4mb
GBA 17.01 290 P 32 44.50 1.0
S 35 38.50
HYB 17 56 304 eP 32 51.00 0.6
eS 35 51.00
KMI 19.00 26 eP 33 09.00 0.7
PKI 21.00 339 iPc 33 28.60 -1.3
0.9s 61.00nm 5.0mb
DMN 21.14 338 iPc 33 30.20 -1.1
0 8s 48 00nm 5.0mb
KKN 21.24 339 iPc 33 31.20 -1.0
1.0s 72 00nm 5.0mb
GYA 22.01 32 eP 33 44.00 4.2X
CD2 24.58 21 eP 34 05.80 1.0
NDI 25.82 325 eP 34 16.80 0.3
GTA 31.70 9 P 35 09.40 0.0
OUE 33.45 315 eP 35 26 00 1.2
IR2 47.84 312 (P) 37 21.00 -2.3
KJF 72.52 335 eP 40 11.00 -0.6
SUF 72.74 333 iP 40 13.70 0.7
SOD 73.94 338 eP 40 20.00 0.1
BNG 74.83 272 iPc 40 38.40 12.3X
1.0s 7.90nm
HFS 78.16 330 eP 40 44.20 0.5
0.5s 3.20nm 4.6mb
NB2 79.43 331 P 40 51.20 0.4
0.8s 4.10nm 4.5mb
S.D. = 1.0 on 17 of 19 obs.

• APR 25, 1985 14h 50m 19.21± 0.63s
8.648 N ±11.4km 93.646 E ±12.8km
DEPTH = 33 0km (normal)
4.8mb (5 obs.)
NICOBAR ISLANDS REGION (704)

TSI 7.08 136 ePd 52 02.50 -0.6
IPM 8.37 118 ePc 52 23.30 2.0
e 53 48.90
KGM 11.67 124 eP 53 07.50 1.0
LOE 11.74 41 eP 52 55.00 -12.4X
HYB 17.08 302 eP 54 19.00 1.7
eS 57 22.00
KMI 18.54 27 eP 54 39.50 4.0X
PKI 20.37 339 eP 54 56.20 0.0
0.8s 40.00nm 4.8mb
DMN 20.51 338 eP 54 57.80 0.2
0.8s 54.00nm 5.0mb
KKN 20 61 339 eP 54 58 40 -0.2
0.8s 51.00nm 4.9mb
LSA 21.07 354 P 55 02.60 -1.0
CD2 24.08 22 eP 55 33.40 0.7
GTA 31.13 9 eP 56 37.00 -0.2
OUE 32.90 314 eP 56 54.20 1.3
WMQ 35.42 353 P 57 14.00 -0.3
CN2 44.64 33 eP 58 38.00 7.5X
MUN 45.79 153 eP 58 37.00 -2 7
WB2 49.12 126 eP 59 02 00 -4 0X
MTD 66.36 247 eP 01 15.00 7.4X
KRI 68 18 248 eP 01 20.00 0.9
BUL 70 06 245 iPc 01 39.00 8 4X
HFS 77.54 330 eP 02 12.00 -1.2
0.4s 1.90nm 4.5mb

NB2 78.82 331 P 02 18.80 -1.5
1.0s 5.10nm 4.5mb
S.D. = 1.4 on 16 of 22 obs.

APR 25, 1985 15h 15m 05.19± 1.12s
1.517 N ± 4.3km 127.476 E ± 6.9km
DEPTH = 172.2 ± 12.3 km
5.1mb (8 obs.)
HALMAHERA (267)

AAI 5.22 172 eP 16 22.70 0.1
MKS 10.43 230 ePc 17 33.00 1.6
MAN 14.51 335 eP 18 22.00 -1.7
MTN 14.72 166 eP 18 25.00 -1.4
TRT 17.41 238 iPd 19 00.00 0.8
0.8s 271.20nm 5.7mb
GUMO 20.97 54 eP 19 36.30 0.1
PJG 20.97 54 eP 19 36.70 0.5
GUA 20.98 54 eP 19 37.50 1.2
0.7s 82.19nm 5.3mb
WB2 22.37 163 iPd 19 50.20 0.4
eS 23 42.00
MBL 23.75 198 eP 20 03.00 -0.1
KGM 24.15 272 ePc 20 08.30 1.3
QZH 24.82 340 eP 20 13.20 0.1
ASPA 25.80 166 iPd 20 21.80 -0.4
NAU 26.61 205 eP 20 29.00 -0.5
MEK 29.26 197 eP 20 52.00 -1.3
0.4s 17.00nm 5.1mb
WHN 31.44 338 P 21 13.60 1.3
MRWA 32.48 199 eP 21 20 00 -1.4
KLG 32.63 190 iPc 21 21.80 -0.9
KLB 34.19 195 eP 21 35.00 -1.1
MUN 34.98 197 eP 21 42.00 -0.8
NWAO 35.60 195 eP 21 47.00 -1.0
STK 35.81 159 iPc 21 50.10 0.3
TIA 35.83 346 eP 21 49.60 -0.3
MAT 36.24 15 eP 21 51.00 -2.3
XAN 36.72 334 Pc 21 58.00 0.6
RKG 36.74 195 iPc 22 02.30 4.7X
0.5s 13.00nm 4.9mb
CD2 36.86 325 eP 21 58.70 0.0
TIY 38.59 341 P 22 13.40 0.3
BJI 39.70 346 eP 22 22.00 0.0
SNY 40.28 355 Pc 22 26.40 -0.4
YOU 40.66 153 eP 22 31.50 1.4
CAN 41.81 153 eP 22 40.90 1.4
CN2 42.14 358 eP 22 40.40 -1.6
WAM 42.49 154 iPc 22 47.10 2.2
MDJ 42.96 2 eP 22 48.50 -0.1
GTA 45.37 330 iPc 23 08.70 0.6
PcP 24 45.70
PKI 47.86 307 eP 23 28.90 0.8
0.4s 3.00nm 4.2mb
KKN 48.06 307 eP 23 30.30 0.8
0.4s 4.00nm 4.4mb
DMN 48.12 307 eP 23 31.00 1.0
HYB 50.58 291 ePd 23 48 00 -0.7
0.9s 41 70nm 5.1mb
WMQ 54.96 326 P 24 20.50 -0.1
INK 91.94 22 eP 27 54.50 -0.4
MBC 93.93 13 eP 28 04.00 0.1
VRI 96.40 316 iP 27 57.00 -18.8X
DAG 99.55 353 iPd 28 27.80 -1.6
0.5s 8.45nm 5.5mb
YKA 101.19 25 ePdif 28 38.20 1.3
S.D. = 1.1 on 44 of 46 obs.

APR 25, 1985 15h 27m 25.68± 0.25s
8.515 N ± 4 5km 93.711 E ± 4.8km
DEPTH = 33.0km (normol)
5.1mb (16 obs.) 5.4Msz (2 obs.)
NICOBAR ISLANDS REGION (704)

TSI 6.93 136 e(P) 29 10.00 2.4
0.9s 827.20nm 6.6mb X
IPM 8.25 118 ePd 29 25.40 -0.7
NST 9.49 41 eP 29 41.30 -1.8
BDT 10.09 30 eP 29 51.30 -0.2
0.5s 32.80nm 5.8mb
PPI 11.13 143 ePc 30 03 70 -1.9
0.7s 66 50nm 5.9mb
CMG 11.43 26 iPd 30 12 00 2.2
0.8s 32 84nm 5 6mb
KGM 11 54 123 eP 30 13.00 1.8
e 33 13 20
LOE 11 79 41 eP 30 14 00 -0.7

e 33 12.50
KOD 16.12 277 eP 31 12.00 0.2
SHL 17.05 354 iP 31 22.00 -1.4
iS 34 19.50
HYB 17.21 302 eP 31 25.00 -0.3
1.2s 107.10nm 4.9mb
KMI 18.63 26 eP 31 45.50 2.5
QIZ 18.82 55 eP 31 45.00 -0.2
PKI 20.52 339 iPc 32 03.60 -0.6
DMN 20.66 338 iPc 32 05.30 -0.3
KKN 20.76 339 iPc 32 06.00 -0.6
LSA 21.21 354 Pc 32 09.80 -1.7
GYA 21.67 33 P 32 18.40 2.7X
S 36 19.00
POO 21.70 299 iPc 32 17.00 1.0
iS 35 18.00
GZH 23.76 50 eP 32 40.00 3.9X
HKC 23.98 53 eP 32 44.00 5.8X
eS 37 13.00
CD2 24.18 21 eP 32 40.30 0.1
TRT 24.81 130 ePd 32 46.10 -0.2
NDI 25.37 324 eP 32 51.50 -0.1
1.0s 90.00nm 5.3mb
Z 22s 10.74um 5.3Msz
iS 35 50.50
BAG 27.36 71 eP 33 22.00 11.8X
eS 37 50.00
QCP 27.47 75 eP 33 17.00 6.0X
MAN 27.48 75 eP 33 22.00 10.9X
QZH 28.80 52 eP 33 31.00 8.0X
LZH 28.96 17 eP 33 24.00 -0.5
2.0s 85 00nm 5.1mb
XAN 29.01 27 eP 33 23.60 -1.2
iPcP 36 27.60
PLP 30.91 83 eP 33 48.00 6.2X
ANP 31.24 55 e(P) 33 55.00 10.2X
GTA 31.25 9 P 33 44.40 -0.3
PcP 36 42.70
DAV 31.60 90 eP 33 50.00 2.1
eS 39 03.00
OUE 33.04 314 eP 34 01.50 0.9
eS 39 20.00
NJ2 33.07 41 eP 34 05.00 4.5X
eS 39 25.00
SSE 34.07 45 eP 34 12.00 2.8X
N 16s 9.00um
S 39 40.00
sS 39 54.00
eScP 40 08.00
KSH 34.66 336 P 34 15.00 0.6
TIA 34.86 34 eP 34 21.00 5.1X
BTO 35.09 22 eP 34 19.10 1.1
WMQ 35.56 353 eP 34 21.00 -0.9
HHC 35.90 23 eP 34 25.00 0.1
AAI 36.46 108 eP 34 31.00 1.2
0.4s 18.10nm 5.3mb
BJI 37.25 29 eP 34 40.00 3.9X
ePP 36 14.00
eS 40 38.00
NAU 37.53 146 eP 34 38.00 -0.6
MBL 39.09 139 eP 34 50.00 -1.7
KHI 41.10 314 ePc 35 09.30 0.9
MHI 41.63 317 eP 35 14.00 1.3
MEK 42.43 146 eP 35 18.00 -1.2
MRWA 43.23 151 eP 35 26.00 0.4
CN2 44.72 33 eP 35 39.00 1.4
PP 37 25.00
S 42 10.00
SS 45 20.00
MUN 45.64 153 eP 35 44.00 -1.0
KLB 46.04 151 eP 35 47.00 -1.2
NWAO 46.91 153 eP 35 55.00 0.0
KLG 47.28 147 eP 35 57.00 -1.0
0.5s 11.00nm 5.1mb
IR2 47.45 311 eP 36 00.00 0.5
MDJ 47.52 35 eP 36 04.00 4.3X
PP 37 52.00
RKG 47.77 154 eP 36 04.00 2.2
WB2 48.99 126 eP 36 09.20 -2.2
MAT 49.05 48 (P) 36 17.00 5.3X
eS 43 20.00
GUA 50.43 80 e(P) 36 22.50 -0.1
TAB 51.76 312 eP 36 36.00 3.4X
TET 64.36 248 eP 38 04.00 3 0X
MTD 66.37 248 eP 38 16.00 1.9
VRI 67.95 316 iP 38 23.00 -0.5
KRI 68.19 248 eP 38 25.00 -0.7

MLR	68.42	316	eP	38	25.00	-1.6	KOD	16.06	277	eP	34	10.00	0.3	WAM	68.28	134	eP	41	29.60	5.4X
BUL	70.06	245	eP	38	39.00	1.9	HYB	17.17	303	eP	34	24.00	0.6	MLR	68.39	316	eP	41	23.50	-1.5
VAY	70.27	311	eP	38	36.40	-1.5				eS	37	25.50		PAIG	69.25	309	iPnd	41	29.30	-0.9
CLO	70.55	315	iP	38	43.00	3.5X	KMI	18.67	27	P-	34	45.00	2.9X	MMB	69.41	311	eP	41	29.00	-2.2
KJF	72.04	335	eP	38	47.00	-1.1	E	10s		13.70um				SRS	69.45	311	ePn	41	29.70	-1.7
	0.7s		17.40nm			5.2mb				eS	38	27.00		VTS	69.92	312	iPc	41	34.00	-0.2
SUF	72.27	333	iP	38	48.70	-0.8	QIZ	18.87	55	P	34	48.00	3.6X	KNT	69.98	311	ePnd	41	33.30	-1.3
	0 7s		8.80nm			4.9mb				pP	34	54.00		BUL	70.00	245	iPc	41	37.00	1.7
NUR	72.38	331	eP	38	51.00	0.9				S	38	24.00					ipP	41	47.00	32kmX
SPC	72.80	319	eP	38	55.10	2.0	PKI	20.51	339	iPc	35	02.00	-0.7	LIT	70.18	309	iPnd	41	34.40	-1.5
SOD	73.46	338	iP	38	55.60	-0.8	DMN	20.66	338	iPc	35	03.80	-0.3	VAY	70.24	311	iP	41	35.00	-1.2
KEV	74.09	341	eP	39	00.00	0.0	KKN	20.76	339	iPc	35	04.20	-0.9	GRG	70.33	310	ePnd	41	34.90	-1.9
BNG	74.70	272	iPd	39	07.60	2.9X	LSA	21.23	354	P	35	08.00	-2.1	CLO	70.52	315	iP	41	38.00	0 1
	0.9s		17.30nm			5.1mb	GYA	21.72	33	Pd	35	16.00	1.3	SKO	71.15	311	eP	41	39.00	-2 8
ZST	74.78	318	e(P)	39	05.00	0.6				S	39	17.00		Z	21s		1.21um			5.1Msz
KSP	75.50	320	eP	39	08.00	-0.5	GZH	23.82	50	Pd	35	38.00	2.8X	E	20s		1.36um			
LJU	76.41	315	e(P)	39	08.30	-5.5X	HKC	24.03	53	eP	35	41.00	3.7X	OHR	71.55	310	eP	41	42.40	-1 8
PRU	76.57	319	eP	39	16.00	1.5				eS	40	11.00		EVA	71.61	239	eP	41	48.00	3 0X
VOY	76.86	315	eP	39	15.60	-0.8	CD2	24.22	22	P	35	39.00	-0.1		0.7s		47.95nm			5.6mb
KHC	77.16	318	eP	39	02.50	-15.4X	TRT	24.84	130	iPc	35	45.60	0.5	SLR	72.03	240	eP	41	49 00	1 5
			e	39	17.90		MAN	27.54	75	eP	36	16.00	5.8X		0.6s		34.67nm			5.5mb
			e	39	25.20		QZH	28.86	52	eP	36	31.00	9.0X	KJF	72.04	335	iP	41	45.60	-1.0
KBA	77.26	316	eP	39	27.00	8.3X	LZH	29.00	17	eP	36	22.50	-0.8		0.9s		65.90nm			5.6mb
CLL	77.60	321	eP	39	22.00	1.8		2.5s		324.00nm			5.6mb				eS	51	04.00	
HFS	77.69	330	eP	39	18.80	-1.7	E	10s		5.50um				SUF	72.26	333	iP	41	47.10	-0.9
	0.4s		6.00nm			5.0mb				eS	43	22.00			0.8s		58.20nm			5.6mb
Z	18s		1.93um			5.5Msz	QUE	33.01	314	eP	37	01.00	2.1	NUR	72.37	331	iP	41	48.20	-0.4
		LR		13	43.00		KSH	34.66	336	P	37	13.00	0.1		0.9s		42.20nm			5.4mb
CTI	78.42	315	eP	39	25.00	0.0	BTO	35.13	22	eP	37	16.10	-0.8	Z	23s		2.10um			5.3MszX
MOX	78.46	320	eP	39	35.00	10.0X	WMQ	35.57	353	P	37	20.00	-0.6				ePP	44	14.00	
NB2	78.97	331	P	39	27.80	0.2				pP	37	30.00	34kmX				eS	51	08.00	
	0.8s		9.40nm			4.8mb				S	42	53.00					LR	14	40.00	
GWF	81.08	318	eP	39	42.00	2 9X	AAI	36.51	108	ePd	37	28.00	-0.7	BPI	72.39	239	eP	41	48.50	-1.2
		e		42	07.40		BJI	37.30	29	eP	37	37.00	2.0		0.7s		45.21nm			5.6mb
HAU	81.98	317	eP	39	43.20	-0.6				ePP	39	10.00					i	41	56.00	
LBF	83.66	316	eP	39	52.00	-0.5	NAU	37.54	146	eP	37	37.00	-0.2	SPC	72.78	319	eP	41	51.70	0.2
	0.7s		4.00nm			4.7mb	MBL	39.11	139	eP	37	49.00	-1.4	KRA	73.08	320	iPd	41	52.70	-0.3
LOR	83.72	317	eP	39	52.40	-0.4	KHI	41.07	314	eP	38	08.10	1.4		0.8s		41.00nm			5.5mb
	0.7s		4.80nm			4.8mb	MHI	41.61	317	eP	38	12.00	1.0				i	41	56.30	
SMF	83.79	316	eP	39	52.60	-0.5	SNY	42.42	34	eP	38	18.20	0.8				e	42	01.00	
SSF	83.98	317	eP	39	53.90	-0.1				S	44	39.00		PRY	73.11	239	e(P)	41	33.00	-20.8X
AVF	84.11	316	eP	39	54.30	-0.4	MEK	42.44	146	iPc	38	17.70	-0.1	KSR	73.26	240	e(P)	41	58.00	3 3X
TCF	84.95	316	eP	39	59.10	0.1		0.3s		10.00nm			5.0mb	SOD	73.46	338	iP	41	54.70	-0 2
FLN	86.42	319	eP	40	05.50	-0.7	MRWA	43.24	151	eP	38	24.00	-0.2	SRO	73.91	317	eP	41	59.50	1 6
GRP	86.73	318	eP	40	07.70	0.0	CN2	44.77	33	P	38	37.00	0.5	VIR	73.99	238	eP	42	01.20	2.3
BRW	88.14	18	eP	40	14.50	0.5				PcP	40	20.00			0.3s		54.55nm			6.0mb
ALE	88.47	357	eP	40	14.00	-1.5				S	45	09.00		KEV	74.09	341	iP	41	58.80	0 3
	0.9s		5.00nm			4.8mb				eSS	48	16.00			0.7s		34.70nm			5.5mb
IMA	91.19	22	eP	40	28.10	-0.6	MUN	45.65	153	eP	38	44.00	0.4				eS	51	30.00	
MBC	93.19	8	eP	40	39.00	1.5		0.5s		39.00nm			5.6mb	BNG	74.65	272	iPd	42	05.40	2.5
INK	96.51	16	eP	40	55.00	2.1	KLB	46.05	151	iPd	38	46.50	-0.3		1.0s		39.60nm			5.4mb
JCT	139.12	18	ePKP	46	53.00	1.4X		0.5s		79.00nm			5.9mb	ZST	74.75	318	iP	42	03.00	0.2
MDZ	150.87	211	ePKP	47	20.70	9.5X	NWAO	46.92	153	iPd	38	53.40	-0.2				e	42	09.00	
S.D. = 1.2 on 80 of 106 obs.								0.5s		53.00nm			5.8mb	ORI	74.80	309	eP	42	03.50	0.3
							KLG	47.29	147	eP	38	56.00	-0.6	BLF	74.89	237	eP	42	06.50	2.4
APR 25, 1985 15h 30m 24.20± 0.19s							IR2	47.42	311	eP	38	58.00	0.2		0.4s		6.82nm			5.0mb
8.494 N ± 4.4km 93 653 E ± 4.4km							MDJ	47.57	35	eP	38	58.60	0.0	SWZ	75.00	239	eP	41	49.00	-15.8X
DEPTH = 33 0km (normal)							RKG	47.78	154	eP	39	04.00	3.6X		0.7s		47.95nm			
5 4mb (59 obs.) 5.3Msz (7 obs.)							WRA	49.01	126	Pc	39	08.50	-1.6				i	42	06.00	
NICOBAR ISLANDS REGION (704)								0.6s		7.00nm			4.9mb	SOP	75.08	317	iPd	42	04.90	0.2
CENTROID, MOMENT TENSOR (HRV)							MAT	49.11	48	eP	39	13.00	2.3	VKA	75.28	318	i(P)	42	06.30	0 5
Data Used GDSN										eS	43	20.00					i	42	14.80	
L P.B. 11S, 21C							KER	49.81	308	eP	39	16.00	-0.3	KSP	75.48	320	iP	42	06.50	-0.4
Centroid Location:							ASPA	50.68	130	eP	39	21.00	-1.9		1.0s		37.00nm			5.3mb
Origin Time 15:30:20.8 1.1										eS	43	38.00		SGO	75.68	310	e(P)	42	10.00	1.8
Lat 8 31N 0.06 Lon 93.37E 0.10							AVY	52.84	239	eP	39	42.70	3.3X	UPP	75.69	330	iP	42	06.90	-0 9
Dep 54 1 7.9 Half-duration 2.3							NAI	57.48	263	eP	40	17.00	3.8X		1.0s		200.00nm			6 1mb
Moment Tensor; Scale 10**24 D-CM								1.0s		30.00nm			5.3mb				i	42	16.30	
Mrr= 0 16 0.10 Mtt=-1.09 0.28							BHL	58.84	304	PKP	40	22.50	0.2	GRM	75.97	233	e(P)	42	07.50	-2 6
Mff= 0.93 0.25 Mrt= 0.32 0.21							ADE	60.65	138	iPc	40	33.90	-0.7		1.2s		78.13nm			5 6mb
Mrf= 0.14 0.23 Mtf= 2.34 0.14								0.6s		34.67nm			5.7mb	LJU	76.39	315	ePd	42	12.90	0 8
Principal Axes:							HLW	61.84	299	eP	40	42.00	-0.8	PRU	76.55	319	P	42	13.50	0.6
T Val= 2.50 Plg= 7 Azm=304							ELL	63.97	307	iP	40	55.30	-1.6	Z	20s		1 40um			5.3Msz
N 0.14 82 95							TET	64.30	248	eP	41	02.00	2.9X	N	19s		0.80um			
P -2.64 4 213							YLV	65.03	311	iP	41	02.20	-1.5	E	19s		1.00um			
Best Double Couple:Mo=2.6*10**24							MTD	66.31	248	eP	41	14.00	1.8				e	45	07.50	
NP1:Strike=348 Dip=82 Slip= 178										ipP	41	23.00	29kmX	TRO	76.78	340	eP	42	17.30	3.5X
NP2: 78 88 8							DMK	66.46	312	iP	41	16.00	3.3X	VOY	76.83	315	ePd	42	13.20	-1.5
							PSN	66.49	314	eP	41	11.00	-1.8	AQU	77.13	311	eP	42	16.80	0.4
BSI	3.40	151	iP	30	52.50	-23.8X	CFR	66.81	316	eP	41	13.50	-1.3	KHC	77.14	318	P	42	16.00	-0.3
		iS		31	18.00		YOU	67.00	133	eP	41	22.10	5.8X		1.0s		19.00nm			5.1mb
NST	9.54	41	eP	32	40.80	-1.6	VRI	67.92	316	iPc	41	21.50	-0.4	Z	18s		0.70um			5.0Msz
KLM	9.58	124	eP	32	46.00	3.0X	CAN	67.94	133	eP	41	21.50	-0.7	N	18s		0.50um			
CHTO	11.47	26	iP	33	10.00	1.1	DIM	68.09	312	eP	41	23.00	0.0	E	18s		0.60um			
	0 8s		67.72nm			5.9mb X	VSG	68.11	104	eP	41	25.00	1.4				i	42	25.50	
CAL	14.86	341	eP	33	41.00	-12.7X	KRI	68.13	248	eP	41	24.00	0.2	KBA	77.24	316	iPc	42	15.80	-1.2
		eS		35	55.00		KDZ	68.21	311	iPc	41	23.00	-0.8		0.8s		11.90nm			5.0mb

25d 15h

		i	42 20.70			
		i	06 20.80			
		i	06 25.20			
		i	07 30.70			
CLL	77.58	321 iPd	42 19.20	0.6		
	1.5s	36.00nm		5.2mb		
WET	77.60	318 iPc	42 19.30	0.5		
	1.0s	18.00nm		5.1mb		
MNS	77.67	311 eP	42 18.00	-1.2		
HFS	77.68	330 eP	42 18.30	-0.6		
	0 7s	24.80nm		5.3mb		
CTI	78.40	315 eP	42 23.50	0.1		
WOX	78.44	320 eP	42 24.00	0 6		
	2 0s	59.00nm		5.3mb		
Z	18s	1.60um		5.4Msz		
E	1Bs	1.30um				
GRF	78.69	319 eP	42 25.90	1.2		
	1.2s	41.00nm		5.3mb		
Z	19s	0.70um		5.0Msz		
OGA	78.82	316 eP	42 24.80	-1.0		
	0.8s	33.00nm		5.4mb		
NB2	78.96	331 P	42 25.20	-0.8		
	0.8s	37.20nm		5.4mb		
SAL	79.19	315 ePn	42 28.00	0.5		
		eSn	44 16.50			
OSS	79.43	316 eP	42 29.20	0.1		
KONO	79.72	329 eP	42 30.50	0.4		
VDL	79.90	316 eP	42 31.60	0.0		
SAX	79.97	316 eP	42 32.60	0.5		
LLS	80.21	316 eP	42 33.20	-0.1		
SLE	80.53	317 eP	42 34.90	0.2		
ZUL	80.61	317 eP	42 34.50	-0.7		
MMK	80.96	315 eP	42 38.10	0.8		
ORO	80.97	315 eP	42 36.00	-1.2		
WIN	80.99	246 eP	42 36.00	-1.8		
	0.7s	37.67nm		5.5mb		
CDF	81.31	318 eP	42 38.20	-0.7		
DIX	81.35	315 eP	42 39.70	0.3		
WTS	81.43	321 eP	42 40.00	0.7		
	1.0s	38 00nm		5.4mb		
BSF	81.67	317 eP	42 40.50	-0.3		
EMS	81.68	315 eP	42 40.90	-0.1		
HAU	81.95	317 eP	42 41.80	-0.4		
	1.1s	19.50nm		5.0mb		
WLF	81.98	319 Pd	42 43.60	1.4		
MEM	82.01	320 P	42 43.80	1.5		
FRF	82.05	313 eP	42 42.80	0.1		
	1.3s	50.20nm		5.4mb		
ENN	82.05	320 eP	42 43.00	0.5		
LRG	82.27	313 eP	42 44.00	0.2		
	1.3s	67.60nm		5.5mb		
DOU	82.95	320 P	42 48.00	0.8		
LBF	83.64	316 eP	42 50.50	-0.4		
	1.1s	29.30nm		5.3mb		
LOR	83.69	317 eP	42 51.00	-0.2		
	1.0s	32.00nm		5.4mb		
SMF	83.77	316 eP	42 51.30	-0.2		
	1.0s	16.60nm		5.1mb		
SSF	83.95	317 eP	42 52.50	0.1		
	1.3s	26.70nm		5.2mb		
AVF	84.09	316 eP	42 53.00	-0.1		
	1.0s	13.70nm		5.1mb		
GRC	84.22	317 iPc	42 53.90	0.1		
BGF	84.46	315 eP	42 55.10	0.1		
	1.2s	24.00nm		5.3mb		
MZF	84.68	316 eP	42 56.20	0.1		
	1.0s	12.90nm		5.1mb		
TCF	84.93	316 eP	42 57.60	0.2		
	1.1s	9.00nm		4.9mb		
CAF	85.19	315 eP	42 59.30	0.6		
	1.0s	10.00nm		5.0mb		
LSF	85.40	316 eP	42 59.90	0.2		
	0 9s	7.50nm		4.9mb		
RJF	85.53	315 eP	43 01.00	0.6		
	1.0s	16.00nm		5 2mb		
LPO	85.84	314 eP	43 02.60	0.6		
	1.0s	24.00nm		5.4mb		
LFF	86.13	315 eP	43 03.90	0.6		
LDF	86.19	318 eP	43 03.70	0.1		
	1.0s	17.60nm		5.2mb		
FLN	86.40	319 eP	43 04.70	0.1		
	1 0s	21.60nm		5.3mb		
MFF	86.50	316 eP	43 05.10	0.0		
	0 9s	11.10nm		5 1mb		
GRR	86.70	318 eP	43 06.50	0 4		
DAG	86.80	348 iPd	43 04.30	-1.7		
	0 5s	8.45nm		5.2mb		

LPF	86.88	318 eP	43 07.10	0.2		
	1.0s	22.20nm		5.3mb		
EKA	86.94	325 Pd	43 08.60	1.5		
	1.1s	50.80nm		5.7mb		
BRW	88.17	18 P	43 13.50	0.8		
ALE	88.49	357 eP	43 12.00	-2.1		
	0.9s	22.00nm		5.5mb		
ETA	89.24	323 eP	43 19.60	1.5		
	1.0s	35.00nm		5.6mb		
ECP	89.45	323 iPc	43 19.90	0.8		
	1.1s	130.00nm		6.1mb		
ECB	89.65	323 eP	43 21.30	1.2		
	1.1s	70.00nm		5.9mb		
TOL	90.48	310 eP	43 26.00	1.8		
		e	54 28.00			
IMA	91.23	22 eP	43 28.10	0.7		
TTA	91.53	25 eP	43 30.50	1.8		
VAL	91.83	323 eP	43 31.00	0.9		
MBC	93.21	8 eP	43 36.00	-0.1		
COL	93.95	22 eP	43 46.00	6.3X		
PMR	95.02	25 P	43 46.00	1.4		
PME	95.04	25 eP	43 45.20	0.4		
	0.8s	6.80nm		5.1mb		
INK	96.55	16 eP	43 52.00	0.5		
YKA	105.94	13 ePdiff	44 37.00	3.4X		
BMN	123.59	28 PKP	49 20.00	-0.5		
BDW	124.75	21 ePKP	49 24.00	1.3		
RSSD	125.24	16 ePKP	49 25.30	1.7		
MSU	127.41	25 PKP	49 29.00	1.0		
GOL	128.91	19 ePKP	49 37.00	6.1X		
Z	20s	0.75um		5.4Msz		
ALQ	132.80	23 PKP	49 43.00	4.7X		
	0.9s	4.26nm				
RSCP	136.14	359 ePKP	50 00.00	15.6X		
LTX	138.86	23 ePKP	49 55.00	5.2X		
Z	22s	0.73um		5.4Msz		
JCT	139.15	18 ePKP	49 50.00	-0.2		
VAO	139.60	244 e(PKP)	49 56.00	4.8X		
SJG	146.89	323 i(PKP)	50 08.80	5.0X		
OXM	149.41	25 ePKP	50 13.00	4.8X		
IIP	149.69	24 iPKP	50 15.50	6.9X		
MDZ	150.82	211 ePKP	50 18.60	9.0X		
STH	151.97	340 ePKP	50 20.93	9.3X		
HOJ	152.02	340 ePKP	50 22.63	10.9X		
BOG	162.12	316 ePKP	50 22.00	-2.6X		
S.D. = 1.1 on 161 of 196 obs.						
APR 25, 1985 15h 49m 18.64± 0.33s						
6.833 S ± 6.7km 143.481 E ± 5.2km						
DEPTH = 33.0km (normal)						
5.2mb (7 obs.)						
PAPUA NEW GUINEA (202)						
LAT	3.50	87 eP	50 13.00	0.9		
PMG	4.45	125 eP	50 24.00	-1.6		
LMG	5.06	114 eP	50 33.50	-0.9		
MOM	6.16	40 eP	50 50.00	0.3		
KVG	8.43	60 e(P)	51 10.00	-11.5X		
CTA	13.45	169 eP	52 59.00	29.3X		
MTN	13.55	243 eP	52 27.00	-4.1X		
AAI	15.54	281 e(P)	52 56.00	-1.0		
WB2	15.76	213 eP	52 48.00	-11.9X		
		i	52 57.10			
		eS	55 50.30			
VSG	16.25	100 eP	53 10.00	3.8X		
SVO	16.34	99 eP	53 15.00	7.7X		
HNR	16.50	100 eP	53 11.00	1.6		
ASPA	19.10	208 eP	53 41.00	-0.6		
	1.2s	80.00nm		4.8mb		
KUPT	19.93	259 eP	53 52.00	1.3		
RMO	20.18	166 eP	53 54.00	0.6		
MAT	43.43	354 eP	57 18.00	-2.1		
	1.3s	65.38nm		5.2mb		
WHN	46.48	325 eP	57 44.40	-0.2		
GYA	48.68	314 P	58 03.40	1.3		
KMI	50.79	310 eP	58 20.00	1.6		
XAN	52.18	323 P	58 28.30	-0.2		
BJI	53.01	334 eP	58 34.00	-0.6		
CD2	53.41	317 eP	58 38.20	0.4		
LZH	56.62	322 eP	59 02.00	0.8		
GTA	61.20	322 eP	59 33.40	0.6		
PKI	65.68	304 eP	00 02.20	-0.6		
	1.4s	31.00nm		5.2mb		
KKN	65.87	304 eP	00 03.60	-0.3		
	1.2s	45.00nm		5.4mb		
DMN	65.95	304 eP	00 03.20	-1.2		
	1.4s	87.00nm		5.7mb		

HYB	68.50	292 eP	00 20.00	-0.4		
WMO	71.18	321 P	00 36.60	0.2		
POO	73.11	292 iPc	00 44.00	-4.2X		
QUE	81.89	302 eP	01 37.10	0.3		
TTA	83.19	24 eP	01 42.00	-0.7		
SPA	83.21	180 eP	01 43.70	0.8		
	1.2s	21.83nm		5.1mb		
PME	85.54	26 eP	01 52.80	-1.6		
IMA	85.58	21 eP	01 55.50	0.7		
BRW	87.17	16 eP	02 03.00	0.7		
COL	87.32	23 eP	02 03.00	-0.1		
	1.3s	16.35nm		5.1mb		
INK	93.72	22 eP	02 33.00	0.1		
KIC	148.43	271 ePKP	09 04.80	3.9X		
S.D. = 1.0 on 31 of 39 obs.						
APR 25, 1985 16h 04m 40.82± 0.40s						
43.238 N ± 4.7km 20.960 E ± 3.3km						
DEPTH = 10.0km (geophysicist)						
YUGOSLAVIA (383)						
ML 3.0 (TTG). Felt in the Brus oreo.						
PVY	0.97	229 ePg	04 59.20	-0.1		
		eSg	05 10.20			
PLE	1.15	275 ePg	05 02.90	0.5		
		eSg	05 17.40			
SKO	1.31	164 iPn	05 04.80	-0.3		
		i	05 07.00			
		iSn	05 24.00			
TTG	1.49	238 ePg	05 07.80	0.2		
		eSg	05 26.80			
VTS	1.76	110 iPc	05 13.00	1.4		
		iSg	05 39.00			
ULC	1.79	225 ePn	05 13.00	0.9		
		eSn	05 35.00			
BRY	1.80	260 ePn	05 12.00	-0.3		
		eSn	05 35.00			
BDV	1.84	239 ePn	05 14.00	1.3		
		eSn	05 36.00			
HCY	1.98	247 ePn	05 15.50	0.8		
		eSn	05 40.00			
OHR	2.13	183 iPn	05 16.90	0.0		
VAY	2.26	148 iPn	05 18.40	-0.3		
CLO	2.26	35 iPd	05 19.50	0.7		
GRG	2.52	154 iPnc	05 22.70	0.2		
KNT	2.53	145 ePnd	05 22.60	0.1		
MMB	2.63	128 iPc	05 23.00	-1.1		
		iSg	06 10.00			
SRS	2.88	136 ePn	05 27.20	-0.5		
PLD	2.98	111 eP	05 38.00	9.0X		
DEV	2.99	27 ePc	05 38.00	8.9X		
SOH	3.00	143 ePn	05 29.00	-0.3		
PVL	3.08	90 eP	05 32.00	1.6		
LIT	3.34	159 ePnc	05 33.80	-0.3		
DIM	3.61	108 iPc	05 48.00	10.0X		
KDZ	3.62	115 iPc	05 46.00	7.9X		
		iS	06 27.00			
OUR	3.68	141 ePnc	05 38.30	-0.6		
PAIG	3.89	147 ePnc	05 41.20	-0.7		
		eSn	06 25.50			
JMB	4.21	99 eP	05 46.00	-0.4		
MLR	4.22	56 eP	06 00.00	13.2X		
CEY	5.30	300 e(Pn)	06 02.20	0.2		
		e	06 06.10			
		e(Sn)	06 57.20			
		e	07 36.70			
LJU	5.37	304 e(Pn)	06 01.40	-1.6		
		e	06 05.30			
		eSn	07 00.00			
VOY	5.76	301 iPn	06 07.00	-1.5		
		eSn	07 08.80			
CTI	7.21	296 eP	06 26.50	-2.4X		
KHC	7.81	322 eP	06 31.00	-6.1X		
		e	06 37.00			
SAL	7.84	291 eP	06 51.00	13.5X		
S.D. = 0.9 on 25 of 33 obs.						
APR 25, 1985 16h 17m 40.08± 0.51s						
11.392 S ± 6.7km 118.892 E ± 9.2km						
DEPTH = 33.0km (normal)						
4.7mb (7 obs.)						
SOUTH OF SUMBAWA ISLAND (291)						
KUPT	4.79	76 eP	18 54.50	2.7		
		eS	19 43.20			
MKS	6.16	5 iPc	19 10.50	-0.7		

TRT	7.18	300	iPc	19	22.50	-2.9X
MBL	9.75	175	eP	20	00.00	-1.2
NAU	11.55	196	eP	20	25.00	-0.8
			eS	22	24.00	
MTN	12.05	98	iPd	20	31.20	-1.4
			eS	22	35.00	
MEK	15.14	181	eP	21	12.00	-1.4
			eS	23	47.00	
WRA	17.12	122	Pd	21	36.40	-2.2
	1.0s	15.20nm			4.1mb	
WB2	17.13	122	eP	21	35.60	-3.2X
			eS	24	37.50	
MRWA	17.94	188	iPd	21	49.10	0.4
	0.3s	15.00nm			4.6mb	
			eS	24	51.00	
ASPA	18.79	133	iPd	22	01.20	1.9
	1.1s	74.00nm			4.8mb	
			ePP	22	12.00	
			eS	25	20.00	
KLG	19.44	173	eP	22	08.00	1.1
	0.4s	11.00nm			4.5mb	
			eS	25	29.00	
KLB	20.13	183	eP	22	17.00	2.8X
	0.3s	16.00nm			4.8mb	
			eS	25	43.00	
KGM	20.43	310	ePc	22	17.90	0.5
MUN	20.64	186	eP	22	25.00	5.5X
	0.4s	16.00nm			4.7mb	
			eS	25	55.00	
PPI	21.34	299	eP	22	27.50	0.8
	0.7s	51.50nm			5.0mb	
NWAO	21.49	184	eP	22	30.00	1.9
RKG	22.64	184	eP	22	58.00	18.5X
	0.3s	6.00nm				
			eS	26	57.00	
IPM	23.83	311	ePd	22	52.10	0.8
TSI	25.06	305	ePd	23	05.00	1.9
MAN	25.97	5	eP	23	12.70	1.1
GYA	39.46	343	eP	25	08.80	-0.5
CD2	44.50	341	eP	25	49.20	-1.2
XAN	46.16	349	eP	26	01.40	-2.1
GBA	48.04	300	P	26	17.00	-1.5
BJI	51.23	357	P	26	41.00	-1.5
VIR	86.49	242	eP	30	11.50	-10.0X
YKA	116.40	25	ePKP	36	22.90	1.3
S.D. = 1.6 on 22 of 28 obs.						

APR 25, 1985 19h 25m 04.06± 0.35s
15.475 N ± 7.1km 61.413 W ± 9.7km
DEPTH = 131 8 ± 3.2 km
4 7mb (2 obs.)
LEEWARD ISLANDS (92)

MDN	0.16	176	iPd	25	22.62	-0.6
MGG	0.45	12	iPd	25	22.90	-0.4
			S	25	34.90	
BTG	0.59	330	iPc	25	24.42	0.3
PAG	0.61	335	iPc	25	24.52	0.2
			S	25	36.40	
MLG	0.65	334	iPc	25	25.08	0.5
FDF	0.78	161	iPd	25	25.75	0.2
			S	25	41.60	
CRM	0.86	146	iPd	25	25.76	-0.4
			S	25	41.20	
SEG	0 93	355	iPc	25	26.64	-0.1
			S	25	42.00	
BIM	1.01	161	iPd	25	27.97	0.5
			S	25	45.60	
MVM	1.04	151	iPd	25	27.63	-0.2
			S	25	44.80	
BPA	1.62	345	iPc	25	33.56	-0.5
			S	25	55.10	
SJG	5.24	301	iPd	26	22.00	0.5
YKC	59.74	335	eP	34	56.00	-0.8
	0.4s	4.00nm			4.8mb	
YKA	59 80	335	eP	34	56.70	-0.6
LSF	60 31	45	eP	35	08.60	7.5X
AVF	61.63	45	eP	35	10.50	0.5
SSF	61.77	45	eP	35	11.20	0.3
LOR	62.04	44	eP	35	13.00	0.3
	0.7s	4.80nm			4.6mb	
MBC	67.67	347	eP	35	49.00	0.5
INK	69.12	338	eP	35	57.00	-0.4
S.D. = 0 5 on 19 of 20 obs.						

• APR 25, 1985 20h 56m 46.04± 3.54s
48.428 N ± 9.8km 1.473 W ±26.5km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.9 (LDG).

GRR	0.41	95	Pg	56	54.10	-0.3
			Sg	56	57.20	
LPF	0.49	144	Pg	56	56.40	0.4
			Sg	57	01.20	
FLN	0.74	63	Pg	57	00.90	0.4
LDF	0.91	79	Pg	57	03.70	0.2
			Sg	57	13.20	
MFF	2.04	153	Pg	57	25.00	4.3X
			Sg	57	49.10	
LSF	2.99	136	Pn	57	33.90	-0.4
			Pg	57	42.40	
			Sg	58	17.30	
TCF	3.29	129	Pg	57	46.80	8.1X
			Sg	58	28.10	
BGF	3.47	121	Pg	57	51.10	9.9X
			Sg	58	32.40	
RJF	3.74	146	Pg	57	55.40	10.4X
			Sg	58	42.30	
LOR	3.77	106	Pg	57	56.70	11.2X
			Sg	58	41.30	
DOU	4.31	65	Pn	57	52.80	-0.3
S.D. = 0.5 on 6 of 11 obs.						

? APR 25, 1985 21h 35m 49.95±16.53s
32.585 S ±39.3km 73.442 W ±129.km
DEPTH = 33.0km (normol)
OFF COAST OF CENTRAL CHILE (134)

LNV	2.18	129	iPd	36	24.50	-0.1
			iS	36	46.10	
TACH	2.36	118	iPd	36	26.30	-0.9
			iS	36	44.00	
PEL	2.39	104	iPc	36	27.70	0.1
			iS	36	46.50	
JACH	2.41	93	iPd	36	28.10	0.1
FCH	2.75	106	iPc	36	32.90	-0.1
			iS	36	57.40	
MDZ	3.88	96	eP	36	55.50	6.7X
			iS	37	33.40	
ZON	4.17	77	eP	37	02.00	9.0X
RFA	4.69	119	ePd	37	01.20	0.9
TCA	7.62	83	ePd	37	41.50	-0.1
			S	39	07.00	
SLA	10.48	44	e(P)	38	51.00	29.8X
S.D. = 0.6 on 7 of 10 obs.						

? APR 25, 1985 21h 57m 45 77± 3.13s
9.199 S ±23.9km 160.890 E ±28.7km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
SOLOMON ISLANDS (193)
Felt at Honioro.

HNR	0.96	256	eP	58	03.00	0.1
			eS	58	07.00	
SVO	1.06	273	P	58	08.00	3.6X
			S	58	20.00	
VSG	1.16	267	eP	58	06.00	0.2
			eS	58	13.00	
BGA	6.42	298	iPd	59	21.00	0.4
CTA	17.81	231	iPc	01	53.00	0.1
	1.0s	22.50nm			4.3mb	
RMO	20.69	212	iPd	02	25.90	0.2
	0.8s	121.00nm			5.3mb X	
YOU	27.48	203	eP	03	33.20	2.2
WB2	27.77	244	iPc	03	32.10	-1.8
CAN	28.18	201	eP	03	36.00	-1.4
WAM	29.01	200	eP	03	47.70	2.9X
S.D. = 1.4 on 8 of 10 obs.						

APR 25, 1985 22h 19m 02.40± 0.55s
41.821 N ± 4.8km 23.042 E ± 4.2km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

MMB	0.56	114	iPgc	19	14.00	0.1
			Sg	19	23.00	
VAY	0.61	215	iPg	19	14.00	-0.7
			iSg	19	23.60	
KNT	0.67	189	iPgc	19	15 60	-0.1
			eSg	19	26.40	
VTS	0.79	9	iPgc	19	13.00	-4.7X
			iSg	19	22.00	
SRS	0.82	149	iPgc	19	18.40	0.2
			eSg	19	31.30	
GRG	0.99	209	iPgc	19	20.70	-0.5
			eSg	19	36.20	
SOH	1.03	167	ePb	19	22.50	0.7
THE	1.19	183	ePb	19	25.10	0.5
			eSb	19	43.20	
SKO	1.21	278	ePg	19	25.50	0.6
			iSg	19	39.30	
PLD	1.27	77	eP	19	26.00	0.0
			eS	19	44.00	
OUR	1.65	154	ePbc	19	31.30	-0.1
			iSb	19	54.10	
KDZ	1.74	95	iPc	19	32.00	-0.8
			iS	19	58.00	
DIM	1.91	82	iPc	19	36.00	0 7
			eS	20	02.00	
PAIG	1.95	165	ePnd	19	35.70	-0.2
			iSn	20	01.30	
PVL	2.06	49	iPd	19	37.00	-0.4
S.D. = 0.6 on 14 of 15 obs.						

• APR 25, 1985 22h 50m 19.42± 1.47s
36.614 N ± 9.1km 141.487 E ±14.8km
DEPTH = 48.4 ± 10.4 km
4.4mb (2 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

ONA	0.57	306	eP	50	31.00	-0.5
			S	50	40.60	
MIT	0.85	254	P	50	35.00	-0.2
			iS	50	48.00	
TSK	1.18	251	iPd	50	38.80	-1.0
FKS	1.40	325	P	50	43.90	1.0
			S	51	01.20	
KYS	1.78	218	eP	50	49.70	1.4
DDR	1.95	252	eP	50	49.70	-1.1
			S	51	14.00	
SRY	2.05	241	eP	50	51.80	-0.3
OYM	2.17	237	eP	50	54.10	0.2
MAT	2.64	269	iPd	51	01.30	0.8
			iS	51	36.00	
PKI	47.78	276	eP	58	54.80	0.5
KKN	47.79	276	eP	58	54.80	0.6
	0.7s	4.00nm			4.5mb	
DMN	48.01	276	eP	56	55.20	-0.7
YKA	64.14	30	eP	00	50.90	0 3
YKC	64.20	30	eP	00	50.00	-1 6
NB2	74.60	337	P	01	54.90	0.1
	0.8s	2.60nm			4.2mb	
S.D. = 0.9 on 15 of 15 obs.						

? APR 25, 1985 23h 03m 08.57± 2.73s
12.846 N ±38.0km 88.421 W ±13 7km
DEPTH = 33.0km (normol)
4.6mb (5 obs.) 3.7Msz (1 obs.)
OFF COAST OF CENTRAL AMERICA (76)

COM	4.94	314	iP	04	35.00	12.4X
VHO	9.14	300	iP	05	21.00	-0.4
JCT	20.46	331	eP	07	45.80	-0.4
	1.2s	14.06nm			4.2mb	
LTX	21.67	322	iP	07	58.50	-0.1
	1.2s	33.33nm			4.6mb	
BHO	22.22	346	eP	08	03.40	-0.5
SIO	23.89	344	e(P)	08	20.70	0.6
TUL	23.91	345	eP	08	20.60	0 3
	1.0s	64.90nm			5.1mb	
Z	22s	0.28um			3.7Msz	
RLO	23.97	347	eP	08	24.20	3.2X
RSSD	33.93	340	eP	09	57.30	6 3X
BDW	34.99	332	eP	10	01.00	0 8
EUR	35.99	322	iP	10	13.80	5.1X
	1.0s	7.12nm			4.6mb	
BMN	37.34	323	eP	10	21.00	1 1
	1.0s	8.75nm			4.6mb	
FRB	52.71	11	eP	12	22.00	0 0
YKC	52.94	345	eP	12	23.00	-0.7
YKA	52.99	345	eP	12	23.80	-0.2
INK	62.53	343	eP	13	31.00	-0.1
MBC	65.50	352	eP	13	50.00	-0.3
S.D. = 0.6 on 13 of 17 obs.						

APR 25, 1985 23h 27m 08.40± 0.28s
25.518 S ± 7.1km 177.614 W ± 5.9km
DEPTH = 33.0km (normol)
5.4mb (20 obs.) 5.5Msz (9 obs.)

25d 23h

SOUTH OF FIJI ISLANDS (171)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 23C
Centroid Location:
Origin Time 23:27: 9.5 0.4
Lat 25.37S 0.04 Lon 177.61W 0.04
Dep 24.0 3.6 Half-duration 2.3
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.41 0.06 Mtt= 0.86 0.10
Mff=-0.45 0.09 Mrt=-0.29 0.14
Mrf=-0.28 0.14 Mtf= 2.37 0.07
Principal Axes:
T Val= 2.71 Plg= 7 Azm=143
N -0.46 83 334
P -2.26 1 233
Best Double Couple:Mo=2.5*10**24
NP1:Strike=278 Dip=84 Slip= 4
NP2: 188 86 174

RAO	3.73	184	P	28	04.50 -0.5
			S	28	51.00
SVA	8.22	333	eP	29	07.20 -1.1
VUN	8.31	333	iPc	29	07.90 -1.7
KRO	8.63	341	iP	29	03.40 -10.6X
MSV	8.71	332	iP	29	13.50 -1.6
NDF	8.98	328	iPd	29	18.10 -0.7
			eS	30	20.10
AFI	12.79	27	P	30	03.00 -7.7X
			S	32	18.00
NOU	14.92	279	iPc	30	40.50 1.9
RAR	16.93	79	P	30	54.50 -9.9X
			S	33	47.50
TBI	25.71	91	eP	32	38.00 0.6
	1.5s	260.00nm			5.6mb
HNR	26.65	303	eP	32	46.00 -0.1
SVO	26.93	303	e(P)	33	01.00 12.3X
PAE	27.17	79	eP	32	51.00 0.1
	1.4s	180.00nm			5.5mb
TVO	27.42	79	eP	32	54 00 0.7
	1.4s	140.00nm			5.4mb
VAH	29.84	76	eP	33	14.00 -1.0
	1.4s	45.00nm			5.1mb
RUV	30.08	76	eP	33	15.00 -2 1
	1.4s	45.00nm			5.1mb
RMO	30.20	261	iPd	33	19.80 1.7
	1.2s	833.00nm			6.4mb X
CAN	30.28	243	eP	33	20.40 1.6
WAM	30.53	242	eP	33	22.00 1.1
YOU	30.63	245	eP	33	22.40 0.5
CTA	33.67	272	iPd-	33	48.70 0.1
	0.7s	74.32nm			5.7mb
			iS	39	15.00
STK	36.18	250	eP	34	10.00 0.1
KVG	38.00	302	eP	34	24.00 -1.3
ADE	38.63	245	iPc	34	30.30 -0.2
ISO	39.56	268	eP	34	38.00 -0.4
ASPA	43.93	262	eP	35	13.00 -1.2
	1.3s	99.00nm			5.4mb
DRV	48.79	201	eP	35	48.00 -3.8X
SBA	52.91	184	iPc	36	22.20 -0.9
PJG	53.36	312	eP	36	24.30 -2.7
AAI	56.29	283	eP	36	46.00 -2.5
	1.2s	169.30nm			5.9mb
SPA	64.63	180	eP	37	43.90 -1.0
	1 2s	42.25nm			5.4mb
PLP	66.72	296	eP	38	02.00 3.3X
MAW	76.99	200	eP	38	57.00 -2.1
ADK	77.07	1	P	39	00.80 1.3
	1.0s	100.00nm			5.8mb
PAS	81.86	46	eP	39	30.00 4.2X
MWC	81.98	46	eP	39	28.00 1.3
PLM	82.24	47	eP	39	29.00 0.9
RVR	82.29	47	eP	39	30.00 2.0
ISA	82.60	45	eP	39	27.00 -2.8
TPC	83.23	47	eP	39	32.00 -1.0
ORV	83.24	40	eP	39	33.20 0.3
CLC	83.26	45	eP	39	31.00 -2.1
WDC	83.32	39	eP	39	33.60 0.4
			i	40	03.90
GLA	83.43	49	eP	39	34.00 0.0
GSC	83.45	46	eP	39	33.00 -1.2
MNA	84.52	43	eP	39	40.50 0.9
MDJ	84.82	325	eP	39	40.50 -0.2
WHN	85.70	307	eP	39	44.00 -1.4
SNY	86.27	320	eP	39	50.80 2.9
BMN	86.33	42	eP	39	47.00 -1.5
	1.5s	41.67nm			5.4mb
CN2	86.48	323	Pd	39	50 00 1.1
EUR	86.51	43	iP	39	49.50 -0.1
	1.0s	12.50nm			5.1mb
TIA	86.91	313	eP	39	52.80 1.5
OXM	87.83	68	iP	39	59.00 2.6
PEL	89.29	127	iPd	40	00.60 -2.4
LTX	89.46	57	eP	40	04.50 0.8
	1.2s	21.74nm			5.3mb
	Z 18s	0.73um			5.1Msz
			i	42	22.00
BJI	89.70	315	eP	40	08.00 3.6X
PMR	89.80	13	P	40	06.50 2.1
	1.2s	37.88nm			5.5mb
ALQ	90.26	51	eP	40	07.80 0.4
	1.1s	21.52nm			5.3mb
	Z 20s	1.51um			5.4Msz
PNT	90.61	34	eP	40	10.00 1.5
MDZ	90.75	127	eP	40	09.50 -0.3
TIY	90.88	312	P	40	12.00 2.0
NEW	91.22	36	P	40	10.50 -0.9
	1.5s	13.89nm			5.1mb
XAN	91.44	307	eP	40	14.60 1.9
CHG	92.27	290	eP	40	18.50 1.8
BDW	92.36	43	eP	40	17.00 0.0
	1.0s	7.00nm			5.0mb
JCT	92.95	58	eP	40	19.20 -0.5
	1.2s	21.88nm			5.5mb
	Z 18s	1.89um			5.6Msz
COL	93.04	12	eP	40	19.00 -0.3
	1.5s	41.67nm			5.6mb
	Z 19s	1.74um			5.5Msz
HHC	93.09	314	eP	40	23.50 3.3X
GOL	93.44	47	eP	40	22.00 0.0
	Z 20s	0 60um			5.0Msz
CD2	93.78	302	eP	40	27.40 3.9X
RSSD	96.50	44	eP	40	36.80 0.9
	1.1s	7.56nm			5.1mb
ARE	96.90	112	eP	40	40.00 1.6
INK	98.99	15	eP	40	48.00 1.7
YKA	100.90	25	ePdiff	40	59.00 3.9X
FRB	121.00	29	ePKP	46	12.00 13.6X
QUE	123.39	291	ePKP	46	02.20 -2.1
BUL	127.95	212	ePKP	46	11.00 -2.3
MTD	129.25	217	ePKP	46	14.00 -1.8
KRI	130.26	215	ePKP	46	17.00 -0.8
MHI	130.46	297	ePKP	46	16.00 -1.6
SOD	135.55	347	ePKP	46	39.00 12.9X
NAI	137.37	237	ePKP	46	28.00 -3.5X
IR2	137.40	296	(PKP)	46	21.00 -9.8X
KJF	137.96	344	ePKP	46	32.00 1.2
SUF	139.58	343	ePKP	46	34.00 0.2
	0.7s	4.00nm			
MSL	143.64	297	ePKP	46	41.50 -0.3
NB2	143.98	353	PKP	46	39.80 -1.8
	1.4s	46.40nm			
UPP	144.08	347	iPKP	46	38.10 -3.6X
MUD	148.70	353	ePKP	46	48.00 -1.4
	1.3s	44.40nm			
CFR	151.45	320	ePKP	47	02.00 8.1X
VRI	151.85	322	ePKP	47	05.00 10.4X
TLB	151.85	319	ePKP	47	03.50 9.0X
KRA	151.99	336	ePKP	47	01.20 6.6X
	1.5s	74.00nm			
			e	47	07.10
			e	47	11.10
PSN	152.26	317	ePKP	47	03.00 7.9X
ISR	152.40	321	ePKP	47	10.00 14.6X
KSP	152.55	341	ePKP	46	57.50 2.1
	1.1s	59.00nm			
			i	47	08.70
			i	47	15.50
SPC	152.57	334	ePKP	46	59.40 3.7X
CLL	152.99	345	iPKPd	47	05.30 9.3X
	1.9s	73.00nm			
			i	47	15.60
CMP	153.15	323	ePKPc	46	53.00 -3.4X
WTS	153.35	354	ePKP	47	04.00 7.6X
PRU	153.82	342	ePKP	47	07.30 10.1X
	Z 21s	1.10um			5.6Msz
			e	47	19.60
JMB	153.90	316	ePKP	47	04.00 6.5X
MOX	153.92	347	ePKP	47	05 00 7.7X
	1.8s	31 00nm			
	Z 22s	0 80um			5.5Msz
	N 26s	0.40um			
HOF	154.18	346	iPKPc	47	08.80 11.1X
PVL	154.38	319	ePKP	47	03.00 4.9X
DIM	154.75	317	ePKP	47	10.00 11.4X
MEM	154.79	355	PKP	47	14.00 15.6X
			e	47	24.00
KHC	154.86	343	ePKP	47	00.00 1.4
	Z 20s	1.00um			5.6Msz
			i	47	09.00
			e	47	59.50
KDZ	155.12	316	iPKPd	47	08.00 8.8X
WLF	155.72	354	PKP	47	15.40 15.7X
			e	47	27.20
GWF	156.23	351	iPKPd	47	12.40 11.9X
KBA	156.79	341	ePKP	47	16.50 15.0X
	1.0s	14.10nm			
			i	47	33.00
VAY	157.01	318	ePKP	47	05 00 3.3X
SKO	157.27	321	ePKP	47	03.00 1.0
	Z 22s	0.93um			5.6Msz
	E 22s	0.71um			
			i	47	34.00
LJU	157.32	338	ePKP	47	02.80 0.8
			e	47	34.80
VOY	157.55	339	ePKP	47	03.00 0.6
			e	47	35.00
OHR	158.19	320	ePKP	47	05.00 1.8
CTI	158.21	342	ePKP	47	03.50 0.4
GRC	158.26	359	iPKPc	47	11.20 8.2X
KIC	159.77	159	ePKP	46	45.40 -20.2X
			e	47	46.40
	S.D. = 1.4	on 81 of 121 obs.			

APR 25, 1985 23h 52m 56.74± 0.87s
39.699 N ±10.8km 24.813 E ± 4.2km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.5 (ATH).

OUR	0.90	315	iPgd	53	13.60 -0.4
			eSg	53	22.10
PAIG	0.90	285	iPgd	53	14.30 0.3
			eSg	53	24.40
EZN	1.17	83	iPnd	53	15.10 -3.5X
PRK	1.22	111	ePn	53	27.00 7.6X
			eSn	53	48.50
THE	1.70	304	ePb	53	26.20 -0.3
			eSb	53	46.90
SRS	1.70	327	ePb	53	25.70 -0.8
			iSb	53	46.80
LIT	1.83	283	ePb	53	28.80 0.3
ATH	1.93	207	ePb	53	39.50 9.7X
			eSb	54	08.00
KDZ	1.98	12	iPc	53	31.00 0.3
KGT	2.05	68	iPn	53	30.30 -1.4
MMB	2.06	337	iPc	53	31.00 -0.8
KNT	2.07	316	ePb	53	31.90 0.0
GRG	2.23	305	ePn	53	34.00 -0.3
VAY	2.36	314	iPn	53	40.00 3.9X
PLD	2.40	358	iPd	53	44.00 7.3X
			eS	54	18.00
KZN	2.41	286	ePn	53	37.60 0.6
DIM	2.42	14	eP	53	43.00 6.1X
			eSg	54	15.00
EDC	2.43	74	iPn	53	47.80 10.7X
TTK	2.49	87	ePn	53	38.00 0.0
KCT	2.78	77	ePn	53	42.00 -0.1
DST	2.95	91	iPn	53	51.10 6.6X
JMB	3.07	25	eP	53	56.00 9.8X
DMK	3.08	46	ePn	53	48.10 1.8
VTS	3.14	338	eP	53	48.00 0.8
			iSg	54	33.00
OHR	3.37	296	ePn	53	53.80 3.2X
SKO	3.42	313	ePn	54	00.50 9.3X
YLV	3.60	75	iPn	54	03.50 9.7X
YER	3.74	132	iPn	54	03.10 7.3X
ALT	4.16	97	iPn	54	18.60 16.9X
GPA	4.26	80	ePn	54	08.50 5.3X
	S.D. = 0.8	on 15 of 30 obs.			

APR 26, 1985 00h 22m 38.25± 0.29s
35.712 N ± 5.7km 135.224 E ± 4.0km
DEPTH = 367.8 ± 3.8 km
4.5mb (13 obs.)
SOUTHERN HONSHU, JAPAN (232)

SHK	2.40	241	iPc	23	36.00 1.6
			eS	24	18.80
MAT	2.55	70	iPd	23	35.80 0.1

DDR	3.24	84	iPd	23	41.80	0.2
			S	24	31.30	
OYM	3.29	94	iP	23	42.10	0.1
SRY	3.30	91	iPd	23	41.90	-0.1
TSK	3.99	81	iPd	23	46.50	-2.2
KYS	4.05	96	eP	23	48.20	-1.1
MDJ	9.88	336	iPc	24	56.50	0.9
SNY	10.95	307	Pc	25	10.10	1.7
			S	27	12.00	
CN2	11.03	320	Pc	25	10.30	0.8
			sP	26	20.00	
SSE	12.60	253	iPd	25	27.50	-0.5
	0.7s		90.00nm		5.3mb	
			pP	25	30.50	
NJ2	14.08	260	Pc	25	44.40	-0.1
TIA	14.67	277	eP	25	50.40	-0.5
BJI	15.65	292	eP	26	00.00	-1.2
WHN	18.22	260	iPd	26	28.50	1.0
TIY	18.38	283	eP	26	28.50	-0.7
HHC	19.25	293	eP	26	36.40	-1.4
XAN	21.63	273	P	27	00.40	-0.4
GZH	22.78	242	Pd	27	13.00	1.5
PJG	23.68	156	eP	27	21.30	1.4
GUA	23.74	156	eP	27	20.90	0.5
	0.7s		60.27nm		5.1mb	
LZH	25.37	280	eP	27	35.00	-0.3
	1.5s		69.00nm		4.8mb	
			eS	31	48.00	
GYA	26.07	257	Pd	27	40.80	-0.8
CD2	26.66	269	P	27	46.10	-0.8
GTA	28.20	288	P	28	00.00	-0.4
KMI	29.81	258	eP	28	13.50	-1.3
LOE	34.84	247	eP	28	56.00	-1.5
CHTO	36.13	252	iP	29	09.00	0.7
	0.9s		31.97nm		4.7mb	
LSA	37.33	274	P	29	19.60	0.8
SHL	38.37	267	iP	29	22.00	-5.0X
PKI	42.80	274	iPd	30	03.60	0.4
	0.5s		27.00nm		4.8mb	
KKN	42.82	274	iPd	30	03.90	0.7
CCL	52.86	31	eP	31	20.00	0.9
	0.8s		6.34nm		4.0mb	
POO	56.39	270	iPd	31	44.50	-0.4
QUE	56.53	285	eP	31	45.00	-0.9
INK	57.81	26	ePc	31	53.80	-0.2
MBC	59.17	16	eP	32	03.00	-0.2
	0.6s		7.00nm		4.3mb	
KEV	62.86	338	eP	32	27.00	-0.7
SDD	64.19	336	iP	32	36.00	-0.2
KJF	65.46	333	iP	32	44.10	-0.3
	0.5s		11.20nm		4.8mb	
IR2	66.25	298	(P)	32	49.00	-0.9
SUF	66.85	332	iP	32	52.60	-0.5
YKA	67.39	28	eP	32	56.80	0.4
HFS	73.14	334	eP	33	30.20	-0.4
	0.4s		5.40nm		4.6mb	
	Z 20s		0.85um		5.0Msz	
			LR	41	30.00	
NB2	73.38	335	P	33	31.60	-0.5
	0.5s		1.90nm		4.0mb	
FRB	79.09	11	eP	34	04.00	0.6
KBA	82.50	324	iP	34	22.10	0.4
	0.6s		2.30nm		4.1mb	
VOY	82.99	323	eP	34	24.00	-0.1
CDF	84.27	328	eP	34	31.00	0.6
FLN	87.12	332	eP	34	44.20	0.1
LDF	87.12	332	eP	34	44.30	0.1
AVF	87.19	329	eP	34	44.80	0.3
GRR	87.57	332	eP	34	46.80	0.5
	0.3s		1.60nm		4.4mb	
LPF	87.93	332	eP	34	48.50	0.5
MZF	87.97	329	eP	34	49.10	0.8
	0.5s		1.60nm		4.2mb	
TCF	88.07	330	eP	34	49.00	0.2
LFF	89.77	330	eP	34	57.10	0.5
LPO	89.79	329	eP	34	56.80	0.0
	S.D. = 0.8		on 57 of 58 obs.			

APR 26, 1985 00h 36m 26.60± 0.94s
39.677 N ± 6.9km 20.806 E ± 9.9km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

KZN	0.97	49	ePb	36	43.70	-1.4
			eSb	37	01.30	
OHR	1.43	360	iPn	36	51.60	-1.1
VLS	1.51	186	ePb	36	53.70	0.0
			eSn	37	17.00	
			eSb	37	18.30	
GRG	1.77	43	ePn	36	56.80	-0.6
			eSn	37	23.80	
THE	1.91	59	ePn	36	59.20	-0.3
VAY	2.12	39	iPn	37	02.70	0.1
KNT	2.18	46	ePn	37	03.40	0.0
PAIG	2.23	83	ePn	37	04.00	-0.1
			eSn	37	32.50	
SOH	2.26	59	ePn	37	04.40	-0.2
			eSn	37	36.20	
LCI	2.29	288	ePn	37	00.00	-4.9X
SKO	2.34	12	ePn	37	06.00	0.3
			iSn	37	34.50	
OUR	2.53	74	ePn	37	07.80	-0.5
SRS	2.57	55	ePn	37	09.30	0.4
			eSn	37	42.70	
MMB	2.93	48	eP	37	16.00	1.9
			eS	37	44.00	
BRT	3.01	295	e(Pn)	37	19.00	3.9X
ORI	3.37	278	e(Pn)	37	32.50	12.1X
VTS	3.43	31	iP	37	22.00	0.8
KDZ	3.97	59	iPc	37	36.00	7.1X
			iS	38	16.00	
SGO	4.31	284	ePn	37	29.50	-4.1X
PVL	4.77	42	eP	37	41.00	0.7
VOY	8.13	324	ePn	38	20.60	-6.9X
			e(Sn)	40	49.00	
	S.D. = 0.9		on 15 of 21 obs.			

* APR 26, 1985 01h 17m 01.91± 1.23s
66.258 N ±12.6km 150.065 W ± 7.2km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.9 (PMR).

IMA	1.48	264	eP	17	29.50	0.8
COL	1.66	144	eP	17	31.00	-0.1
			e	17	33.00	
			eS	17	52.00	
FBA	1.66	144	eP	17	30.10	-1.0
TTA	4.21	220	eP	18	06.40	-1.2
TOA	4.50	156	eP	18	13.00	1.3
PWA	4.63	179	eP	18	14.40	1.0
PME	4.67	174	eP	18	15.00	0.9
DWY	5.00	111	P	18	18.00	-0.7
			S	20	36.00	
PMS	5.04	177	eP	18	22.70	3.4X
SVW	5.73	208	eP	18	28.00	-1.1
INK	6.73	65	eP	18	41.00	-2.1X
YKA	15.64	87	eP	20	43.90	0.3
	S.D. = 1.1		on 10 of 12 obs.			

& APR 26, 1985 02h 48m 57.15s
60.233 N 152.552 W
DEPTH = 95.1km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.14	249	iP	49	10.54	1.3
			eS	49	20.90	
RED	0.22	330	iPc	49	10.80	1.3
RDT	0.35	12	iP	49	11.38	-0.4
			eS	49	22.36	
OPT	0.67	211	iPd	49	14.40	0.2
HOM	0.74	141	eP	49	15.00	0.3
NKA	0.83	51	iP	49	16.78	1.2
			eS	49	30.48	
BRLK	0.96	119	iP	49	16.30	-0.8
			eS	49	32.07	
AUL	0.96	208	eP	49	17.20	0.1
CNPM	0.97	136	eP	49	17.10	-0.1
SPU	0.98	14	iP	49	16.59	-0.8
			eS	49	31.92	
CRP	1.06	10	iP	49	17.67	-0.6
			eS	49	34.96	
CGLM	1.11	14	eP	49	18.18	-0.7
SLKM	1.19	76	eP	49	18.83	-0.9
CDD	1.42	203	ePd	49	22.00	-0.6
SUA	1.52	35	iP	49	23.26	-0.7
SEW	1.56	93	eP	49	22.77	-1.4
MPA	1.61	79	iP	49	23.70	-1.2
			eS	49	44.40	
SVW	1.75	301	eP	49	25.40	-1.4
PMS	1.79	54	iP	49	26.35	-0.9
SKT	1.82	15	iP	49	26.36	-1.4
PTE	1.85	69	iP	49	26.46	-1.6
PWA	1.93	41	eP	49	28.06	-1.0
PLRM	2.16	49	iP	49	30.16	-2.0
PME	2.22	49	eP	49	31.00	-1.9
KNK	2.33	58	iP	49	32.51	-2.0
GHO	2.35	47	iP	49	32.93	-1.9
			eS	50	00.80	
MSE	2.37	46	iP	49	33.13	-2.1
KDC	2.49	179	eP	49	34.70	-1.9
CFI	2.54	66	iP	49	34.52	-2.7
SML	2.59	51	iP	49	35.91	-2.1
GLI	2.77	74	eP	49	37.11	-3.4
TTV	2.80	71	eP	49	38.20	-2.7
SCM	3.01	55	eP	49	41.48	-2.3
HIN	3.02	84	iP	49	42.21	-1.6
FID	3.05	78	eP	49	40.38	-3.9
VZW	3.07	72	eP	49	41.39	-3.2
TTA	3.17	330	eP	49	44.20	-1.8
VLZ	3.19	71	iP	49	43.32	-2.8
KLU	3.48	66	iP	49	47.41	-2.9
TOA	3.62	56	eP	49	49.80	-2.3
SGAM	3.66	83	eP	49	50.41	-2.2
BALM	5.09	76	eP	50	08.97	-3.6
COL	5.17	23	eP	50	11.00	-2.6
FBA	5.17	23	eP	50	10.60	-3.0
IMA	5.88	356	eP	50	21.50	-2.0
PNL	6.63	89	eP	50	31.20	-2.5
INK	11.51	37	eP	51	35.50	-4.1
YKA	18.15	66	eP	53	01.30	-2.7
	48 obs. associated					

& APR 26, 1985 04h 03m 07.70s
37.430 N 118.620 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 4.2 (PAS), 4.0 (BRK). Felt (III) at Bishop, Bass Lake, Lemonvace, Miramonte and Kings Canyon National Park, California. Also felt at Mino, Nevada.

TIN	0.49	140	iPd	03	17.20	-0.3
PPK	0.57	90	P	03	18.30	-0.8
SVP	0.71	66	P	03	20.90	-1.0
LCH	0.80	104	P	03	22.40	-1.3
MGM	0.89	89	P	03	24.40	-1.0
FRI	0.97	244	iPc	03	24.90	-1.6
MZP	1.02	74	P	03	26.50	-1.0
MNA	1.07	20	iPd	03	27.40	-0.9
CWC	1.08	156	iPc	03	27.00	-1.5
			eS	03	40.80	
GVN	1.11	112	P	03	28.40	-0.5
MCA	1.33	126	P	03	31.70	-0.9
SGV	1.34	109	P	03	32.50	-0.5
JAS1	1.51	290	iPc	03	34.15	-1.2
VPEM	1.61	156	P	03	36.50	-0.4
WKTM	1.64	175	P	03	37.00	-0.2
YMT1	1.77	108	P	03	39.10	0.0
TMBR	1.83	102	P	03	39.60	-0.5
SSP	1.98	104	P	03	40.20	-2.2
LSM	2.00	109	P	03	42.30	-0.2
LLA	2.03	247	ePc	03	42.40	-0.4
QSM	2.03	136	P	03	41.80	-1.0
LOP	2.04	106	P	03	42.40	-0.8
WCN	2.08	335	P	03	43.50	-0.2
PRI	2.09	233	ePc	03	43.60	-0.1
SLD	2.11	261	P	03	43.90	0.0
PHAM	2.14	222	P	03	44.20	-0.2
ARN	2.32	269	P	03	47.00	-0.1
SAO	2.35	254	iPc	03	47.40	-0.1
MHC	2.41	269	ePc	03	48.50	0.1
PRS	2.46	244	ePc	03	48.90	-0.1
GCC	2.72	263	ePc	03	51.90	-0.9
PRN	2.84	89	P	03	54.00	-0.6
BKS	2.90	280	ePn	03	54.70	-0.6
			eSn	04	32.30	
EUR	2.92	45	iP	03	56.80	1.0
BRK	2.92	280	ePc	03	54.80	-0.8
PCC	2.99	272	ePc	03	55.40	-1.2
ORV	3.10	314	ePd	03	57.50	-0.6
			i	04	01.90	
BMN	3.19	20	P	03	58.30	-1.2
MIN	3.73	322	ePc	04	06.90	-0.3
GAS	3.90	306	P	04	09.10	-0.5
WDC	4.38	317	ePd	04	15.60	-0.7
ALQ	10.14	101	eP	95	41.00	3.9
	42 obs. associated					

26d 04h

? APR 26, 1985 04h 35m 34.21± 4.39s
15.249 N ±19.9km 60.746 W ±44.6km
DEPTH = 128.2 ± 47.8 km
LEEWARD ISLANDS (92)

CRU	0.52 198	eP	35 53.67	0.3	
		S	36 06.10		
MDN	0.63 276	iP	35 53.80	-0.4	
FDF	0.65 217	eP	35 54.06	-0.2	
		S	36 06.80		
MVM	0.71 192	eP	35 54.87	0.2	
BIM	0.79 203	eP	35 55.29	-0.1	
		S	36 09.80		
MGG	0.86 320	iP	35 56.65	0.7	
PAG	1.19 311	eP	35 59.50	0.3	
		S	36 15.00		
MLG	1.23 311	eP	36 00.00	0.4	
SEG	1.36 328	eP	35 59.50	-1.4	
BPA	2.08 329	eP	36 10.00	0.4	
S.D. = 0.7		on	10 of 10 obs.		

APR 26, 1985 04h 40m 47.59± 0.81s
51.475 N ± 6.0km 130.289 W ±10.4km
DEPTH = 10.0km (geophysicist)
4.3mb (11 obs.) 4.1Msz (1 obs.)
QUEEN CHARLOTTE ISLANDS REGION (22)

PHC	1.96 112	eP	41 20.00	-1.2	
MCW	5.56 117	P	42 12.70	0.4	
PNT	7 16 103	eP	42 38.00	3.2X	
LON	7.30 127	P	42 36.70	-0.1	
SHW	7.49 132	P	42 39.20	-0.4	
MFW	9.63 121	P	43 10.70	1.6	
WDC	12.15 151	iPd	43 44.00	0.5	
SES	12.19 88	eP	43 44.00	-0.1	
MIN	12.66 148	eP	43 50.60	0.1	
GAS	12.95 133	P	43 54.50	0.2	
ORV	13.40 149	eP	43 59.50	-0.7	
TOA	13.71 327	eP	44 06.00	1.8	
YKA	13.91 31	eP	44 06.10	-0.7	
YKC	13.95 32	eP	44 06.00	-1.3	
BMN	14.28 136	eP	44 12.00	0.1	
	1.0s 22.50nm		4.8mb		
IMW	15.05 113	P	44 24.50	2.4	
JAS1	15.23 149	iPc	44 28.50	4.3X	
MNA	15.58 142	eP	44 30.00	1.1	
EUR	15.61 135	iP	44 32.00	2.7X	
	0.8s 4.42nm		3.8mb		
BDW	16.52 114	eP	44 41.00	-0.1	
	1.2s 31.88nm		4.3mb		
FFC	17.26 68	eP	44 50.00	0.1	
	1.1s 12.00nm		3.9mb		
RSSD	19.04 102	iP	45 13.10	0.8	
	2.0s 28.30nm		4.2mb		
RMU	19.88 129	iP	45 20.80	-1.1	
TPC	20.20 144	eP	45 23.00	-2.1	
PLM	20.59 146	eP	45 36.00	6.7X	
GOL	20.93 114	eP	45 34.50	1.6	
	1.0s 4.50nm		3.8mb		
GLD	20.98 114	eP	45 34.00	0.6	
	1.0s 20.00nm		4.4mb		
RSON	22.80 77	eP	45 52.80	1.5	
	1.0s 5.00nm		4.0mb		
ALQ	23.81 125	eP	46 01.00	-0.5	
	1.0s 12.25nm		4.4mb		
MBC	25.23 6	eP	46 14.00	-0.5	
SIO	28.87 110	eP	46 48.00	-0.2	
TUL	29.06 109	eP	46 49.90	0.0	
	1.2s 20.90nm		4.8mb		
Z	19s 0.46um		4.1Msz		
RLO	29.35 108	eP	46 51.80	-0.7	
BHO	30.67 110	e(P)	47 03.40	-0.8	
JCT	30.79 121	iP	47 03.20	-2.2	
	1 0s 7.50nm		4.5mb		
S D = 1 1		on	31 of 35 obs		

• APR 26, 1985 05h 21m 38.29± 1.21s
44.774 N ± 7.6km 110.713 W ±15 7km
DEPTH = 5.0km (geophysicist)
YELLOWSTONE NATIONAL PARK, WYO. (459)
ML 3.3 (YEIS). Felt (II) at Old Faithful, Madison Junction and Mammoth Hot Springs

IMW	0.89 191	eP	21 56.30	0.2	
SXM	1.42 346	ePd	22 05.70	0.7	
TMI	1.71 211	eP	22 09.00	-0.1	
BUT	1.80 314	ePn	22 12.00	1.6	
		ePg	22 13.30		
		eSn	22 32.40		
		eSg	22 34.00		
HPI	2.02 239	eP	22 14.00	0.4	
HRY	2.09 338	ePn	22 14.70	0.2	
BDW	2.16 157	e(P)	22 15.30	-0.4	
MFW	5.54 284	eP	23 04.00	0.6	
NEW	5.63 311	eP	23 01.50	-3.3	
BMN	6.47 230	eP	23 30.00	13.3X	
S.D. = 1.6		on	9 of 10 obs.		

• APR 26, 1985 06h 08m 17.95± 2.37s
31.637 S ± 8.1km 68.717 W ±19.7km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

ZON	0.10 20	iPd	08 20.90	0.2	
RTCV	0.27 146	iPd	08 23.30	-0.4	
RTLL	0.37 35	iPd	08 25.00	-0.6	
CFA	0.41 86	ePd	08 26.10	-0.2	
		S	08 33.10		
MDZ	1.25 185	eP	08 45.20	4.0X	
		iS	09 05.50		
TCA	3.54 86	iPd	09 15.10	1.0	
		S	10 04.80		
S.D. = 0.9		on	5 of 6 obs.		

& APR 26, 1985 06h 10m 21.86s
62.233 N 148.562 W
DEPTH = 44.8km
CENTRAL ALASKA (1)
<AGS-P>.

MSE	0.44 206	iP	10 31.72	-0.5	
		eS	10 39.63		
SML	0.44 166	iP	10 31.66	-0.5	
GHO	0.49 200	iP	10 32.19	-0.7	
		eS	10 40.74		
PME	0.65 200	iP	10 34.04	-0.7	
		eS	10 44.00		
PLRM	0.70 203	iP	10 34.51	-0.9	
		eS	10 45.13		
SCM	0.71 124	iP	10 35.13	-0.6	
KNK	0.83 176	iP	10 36.80	-0.5	
		eS	10 48.32		
PWA	0.85 227	iP	10 37.18	-0.4	
PMS	1.10 206	eP	10 40.58	-0.5	
		eS	10 54.89		
CFI	1.12 160	iP	10 40.85	-0.5	
		eS	10 57.79		
TOA	1.13 95	iP	10 42.06	0.5	
		eS	10 58.72		
SUA	1.29 234	eP	10 43.81	-0.1	
TTV	1.37 149	eP	10 45.14	0.3	
		eS	11 03.54		
PTE	1.39 189	iP	10 44.79	-0.4	
SKT	1.42 261	eP	10 44.92	-0.7	
KLU	1.46 120	iP	10 45.72	-0.5	
		eS	11 05.54		
VZW	1.52 140	eP	10 46.28	-0.8	
GLI	1.53 152	iP	10 46.91	-0.2	
VLZ	1.53 135	iP	10 46.11	-1.0	
MPA	1.79 193	eP	10 50.33	-0.5	
		eS	11 12.66		
FID	1.79 145	iP	10 50.18	-0.7	
KMP	1.82 112	iP	10 50.95	-0.4	
TSIM	1.84 122	iP	10 51.04	-0.6	
SLKM	1.91 206	eP	10 52.73	0.2	
SPU	1.97 239	eP	10 51.05	-2.4	
HIN	2.09 151	eP	10 54.52	-0.6	
CVA	2.17 140	eP	10 55.95	-0.2	
SEW	2.18 192	eP	10 56.80	0.5	
		eS	11 25.14		
BMRM	2.29 122	eP	10 57.09	-1.0	
SGAM	2.37 136	eP	10 58.07	-1.1	
CSG	2.38 130	eP	10 59.46	0.2	
GLB	2.39 107	eP	10 58.86	-0.6	
RDT	2.49 230	eP	11 00 37	-0.5	
RAGM	2.64 133	eP	11 02.86	-0.1	
FBA	2 70 7	eP	11 03.96	0.2	
BRLK	2.72 206	eP	11 04.77	0.6	
ILM	2 91 227	eP	11 06.16	-0.7	
BALM	3.20 109	eP	11 09 47	-1.6	
CTGM	3.68 107	eP	11 18.32	0.5	
39 obs. associated					

? APR 26, 1985 06h 25m 54.92± 4.11s
33.160 S ±12.5km 71.868 W ±36.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.88 154	iPd	26 10.60	-0.3	
		iS	26 28.30		
TACH	0.92 123	eP	26 11.40	-0.1	
		iS	26 29.00		
PEL	0.99 89	iPc	26 11.00	-1.6	
		iS	26 24.10		
JACH	1.17 66	iPd	26 10.60	-4.6X	
FCH	1.33 98	iP	26 17.00	-0.7	
		iS	26 38.00		
MDZ	2.55 85	eP	26 36.20	1.3	
		iS	27 14.30		
RTCV	3.10 66	ePc	26 43.30	0.6	
		S	27 29.00		
ZON	3.14 60	eP	26 44.00	0.7	
RFA	3.25 121	ePd	26 45.80	0.9	
		S	27 46.00		
RTLL	3.41 59	ePd	26 46.10	-1.0	
		S	27 36.00		
TCA	6.43 76	iPd	27 26.00	-3.8X	
		S	28 42.00		
CYA	7.03 50	e(P)	27 31.50	-6.7X	
SLA	10.08 35	e(P)	28 28.00	7.3X	
S.D. = 1.1		on	9 of 13 obs.		

% APR 26, 1985 08h 57m 24.54± 0.85s
39.594 N ± 8.1km 29.396 E ± 7.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.59 271	ePn	57 35.90	-0.7	
ALT	0.77 134	ePn	57 40.10	0.4	
YLV	0.97 359	iPn	57 43.40	0.4	
GPA	0.99 45	ePn	57 42.30	-1.0	
EDC	1.40 303	ePn	57 50.30	0.3	
ISK	1.49 350	ePn	57 52.00	0.7	
S.D. = 0.9		on	6 of 6 obs.		

• APR 26, 1985 10h 07m 54.00± 1.01s
42.078 N ±14.4km 19.842 E ± 9.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.4 (TTG).

ULC	0.46 256	ePg	08 03.20	-0.1	
		eSg	08 09.50		
TTG	0.56 309	iPg	08 06.40	1.1	
		iSg	08 15.20		
HCY	1.06 291	ePg	08 13.00	-1.0	
		eSg	08 31.00		
OHR	1.20 143	ePn	08 17.20	0.7	
		eSn	08 36.00		
VAY	2.18 109	ePn	0B 30.00	-0.8	
S.D. = 1.3		on	5 of 5 obs		

% APR 26, 1985 10h 20m 15.20± 0.86s
39.117 N ± 7.3km 27.553 E ± 8.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.75 198	iPg	20 30.10	0.1	
		iSg	20 43.10		
DST	0.97 59	iPn	20 33.20	-0.4	
EZN	1.19 307	ePn	20 37.00	-0.3	
EDC	1.25 11	iPn	20 38.80	0 3	
KCT	1.29 28	iPn	20 39.30	0.2	
S.D. = 0.5		on	5 of 5 obs.		

• APR 26, 1985 10h 25m 50.77± 0.62s
8.607 N ±10.4km 93.631 E ±10.3km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
NICOBAR ISLANDS REGION (704)

TSI	7.06 136	ePc	27 33.50	-0.9	
IPM	8.36 118	ePc	27 53.90	1.2	
CHG	11.38 26	eP	28 35.00	0.8	
KGM	11.65 124	ePc	28 38.30	0.4	
GBA	16.65 289	P	29 45.00	1.7	
		S	32 01.00		
SHL	16.95 355	iP	29 47.80	0.5	
PKI	20.40 339	eP	30 27.80	-0.3	
0.9s 54.00nm			4.9mb		

DMN	20.55	338	eP	30	29.30	-0.2
	0.8s	54.00nm			5.0mb	
FKN	20.65	339	eP	30	30.00	-0.5
QUE	32.92	314	eP	32	26.00	1.4
IR5	47.39	311	eP	34	24.00	-0.1
SUF	72.15	333	iP	37	12.70	-1.2
HFS	77.57	330	eP	37	43.60	-1.3
	0 6s	2.20nm			4.4mb	
NB2	78.85	331	P	37	50.60	-1.4
	0.7s	2.30nm			4.3mb	
S.D = 1.1 on 14 of 14 obs.						
% APR 26, 1985 10h 34m 34.52±17.86s						
32.409 S ±41.4km 73.884 W ±139.km						
DEPTH = 33.0km (normal)						
OFF COAST OF CENTRAL CHILE (134)						
LNV	2.58	127	iPd	35	14.90	0.0
TACH	2.77	117	iPd	35	16.90	-0.6
			iS	35	35.40	
PEL	2.79	106	iPc	35	17.90	0.0
			iS	35	36.00	
JACH	2.79	96	iPd	35	18.20	0.2
FCH	3.16	108	iPc	35	23.30	-0.1
			iS	35	46.40	
MDZ	4.27	98	eP	35	46.00	7.0X
			iS	36	29.20	
RFA	5.10	119	ePd	35	51.30	0.6
TCA	7.98	85	ePd	36	31.00	-0.1
			S	37	01.70	
S.D. = 0.5 on 7 of 8 obs.						
APR 26, 1985 12h 02m 21.61± 0.43s						
15.745 S ± 8.4km 178.421 W ± 5.6km						
DEPTH = 445.5 ± 5.0 km						
5 0mb (27 obs.)						
FIJI ISLANDS REGION (181)						
KRO	2.61	233	iPc	03	25.30	-0.9
MBU	3.00	246	iPc	03	28.70	-0.3
VUN	3.74	233	iPc	03	35.00	0.1
			eS	04	38.60	
SVA	3.81	231	iPc	03	35.70	0.3
MSV	3.93	239	iP	03	37.30	0.7
NDF	4.43	243	eP	03	41.00	-0.1
AFI	6.68	75	P	04	03.00	-0.9
			(S)	05	23.00	
PVC	12.86	259	iPc	05	14.00	2.3
NOU	15.72	243	iPc	05	42.50	0.9
CRZ	20.26	202	P	06	28.10	1.9
TCW	26 15	193	P	07	18.00	-2.1
TVO	27.99	98	eP	07	36.00	-0.6
	0.9s	45.00nm			4.9mb	
PMO	29.43	93	iP	07	48.70	-0.3
	0.9s	75.00nm			5.1mb	
VAH	29.66	93	iP	07	50.40	-0.7
	0.9s	45.00nm			4.9mb	
TPT	29.70	93	iP	07	50.80	-0.6
	0.9s	40.00nm			4.8mb	
RUV	29.91	93	iP	07	52.60	-0.6
	0.9s	70.00nm			5.1mb	
RMO	32.34	245	eP	08	15.00	0.9
	0.8s	121.00nm			5.4mb	
CTA	33 85	257	iPc	08	28.40	1.6
	0.8s	28.36nm			4.7mb	
CAN	35 04	230	eP	08	36.90	0.2
TOU	35 07	232	eP	08	37.40	0.5
WAM	35.50	229	eP	08	41.20	0.7
CMS	36 12	238	eP	08	45.00	-0.7
MOM	36.32	289	eP	08	48.00	0.5
TOO	38 55	229	eP	09	05.00	-0.6
TAU	39 85	220	eP	09	16.00	-0.1
ADE	42.82	235	iPc	09	40.80	0.6
WB2	45.04	257	iPc	09	56.20	-1.6
			eS	16	03.50	
WRA	45.05	257	Pc	09	56.40	-1.4
	0.7s	12.10nm			4.4mb	
ASPA	45.40	252	eP	09	59.00	-1.6
			eS	16	05.00	
MTN	48.88	267	iPc	10	26.10	-1.1
MEK	59.26	248	eP	11	39.00	-2.2
KLB	59.79	242	eP	11	42.50	-2.1
NWAO	60.23	241	eP	11	48.50	1.0
RKG	60.42	240	eP	11	50.00	1.3
	0.5s	9.00nm			4.5mb	
MUN	61.11	242	eP	11	55.00	1.7
NAU	62.37	253	eP	12	01.00	-0.6
MAT	66.18	323	eP	12	24.00	-1.6
SPA	74.36	180	iPc	13	13.70	-0.1
	0.8s	11.67nm			4.6mb	
GCC	74.66	44	eP	13	16.50	0.8
SYP	74.70	47	eP	13	17.00	0.9
PRS	74.70	45	eP	13	15.00	-0.9
SAO	74.89	44	eP	13	17.70	0.7
BKS	74.98	43	eP	13	18.50	1.1
	1.0s	78.00nm			5.3mb	
MHC	75.07	44	eP	13	15.40	-2.8
PRI	75.08	45	eP	13	18.80	0.6
LLA	75.14	45	eP	13	19.10	0.7
GAS	75.67	41	P	13	22.80	1.4
PAS	75.78	48	eP	13	22.00	0.0
FRI	76.18	45	eP	13	23.80	-0.3
JAS1	76.20	44	eP	13	24.20	0.0
RVR	76.28	48	eP	13	25.00	0.3
SBB	76.30	48	eP	13	25.00	0.1
WDC	76.31	40	eP	13	24.60	-0.1
PLM	76.33	49	eP	13	25.00	-0.3
ISA	76.34	46	eP	13	25.00	-0.1
ORV	76.39	42	eP	13	25.50	0.3
MIN	76.77	41	eP	13	27.70	0.3
CLC	77.03	47	eP	13	29.00	0.1
TPC	77.29	49	eP	13	31.00	0.7
GSC	77.33	48	eP	13	31.00	0.4
WCN	77.39	43	P	13	31.70	0.8
GLA	77.68	50	eP	13	33.00	0.5
MNA	77.98	44	eP	13	34.50	0.4
EUR	79.99	44	iP	13	44.80	0.0
	0.2s	26.52nm			5.5mb	
TTA	80.35	10	eP	13	46.30	0.4
PME	80.57	14	eP	13	46.20	-0.8
	1.0s	40.00nm			5.0mb	
MFW	81.78	38	P	13	53.20	-0.4
MSU	82.12	46	P	13	56.80	1.0
IPM	82.17	277	ePc	13	57.20	0.9
	0.9s	24.90nm			4.9mb	
RMU	82.33	48	eP	13	58.50	1.7
IMA	83.65	10	eP	14	03.00	0.3
COL	83.71	13	iP	14	01.70	-1.2
	0.7s	96.92nm			5.6mb	
FBA	83.71	13	eP	14	01.50	-1.4
	1.0s	102.50nm			5.5mb	
NEW	83.78	36	P	14	03.40	-0.2
	0.7s	10.48nm			4.7mb	
ALQ	84.77	52	eP	14	08.70	-0.3
	1.0s	21.25nm			4.8mb	
LTX	84.85	58	iP	14	11.00	1.6
	1.0s	28.00nm			5.0mb	
BDW	85.80	44	eP	14	14.00	0.1
	0.8s	21.90nm			4.9mb	
GOL	87.42	48	iP	14	22.20	0.4
	0.9s	4.92nm			4.3mb	
GLD	87.54	48	eP	14	23.50	1.2
	1.0s	22.00nm			4.9mb	
CHG	88.25	290	eP	14	27.00	1.3
SES	88.29	36	ePc	14	24.60	-0.7
	0.5s	25.00nm			5.3mb	
EDM	88.36	33	iP	14	25.50	-0.1
JCT	88.40	58	iP	14	26.10	-0.2
	1.1s	17.72nm			4.8mb	
INK	89.81	15	ePc	14	30.90	-0.9
RSSD	90.02	44	iP	14	34.10	0.4
	1.0s	31.00nm			5.2mb	
YKA	92.38	25	eP	14	43.90	0.1
YKC	92.43	25	eP	14	43.50	-0.5
	0.5s	7.00nm			4.9mb	
SIO	92.83	54	iPd	14	47.10	0.6
TUL	93.28	54	ePd	14	49.30	0.8
	1.2s	33.80nm			5.3mb	
BHO	93.56	55	ePd	14	50.20	0.3
RLO	93.95	54	iPd	14	52.30	0.7
FVM	97.97	53	eP	15	10.50	0.7
MBC	98.24	12	eP	15	09.50	-0.7
KEV	123.75	350	iPKP	20	27.80	-0.5
SOD	125.89	348	iPKP	20	31.50	-1.1
KJF	128.37	346	iPKP	20	35.00	-2.3
	0.6s	18.30nm				
SUF	130.01	346	iPKP	20	39.20	-1.3
	0.6s	7.80nm				
NUR	132.28	345	iPKP	20	44.00	-0.8
	0.6s	20.90nm				
Z	20s	0 10um			4.5Msz	
NB2	134.24	353	PKP	20	48.00	-0.7
	0.7s	5 50nm				
HFS	134.80	351	ePKP	20	35.60	-14.1X
	0.5s	1.50nm				
KSP	143.04	344	iPKPd	21	02.50	-2 4
SPC	143.33	339	ePKP	21	04.00	-1 7
CLL	143.36	348	iPKPc	21	01.90	-3 5X
	0.7s	20.00nm				
			e	21	31.00	
WTS	143.60	355	e(PKP)	21	04.00	-1.8
	0.5s	31.00nm				
ISR	143.94	330	iPKP	21	04.00	-2.7
MLR	143.97	330	ePKP	21	05.00	-1.9
MOX	144.26	349	iPKPc	21	05.00	-2.0
	1.2s	46.00nm				
PRU	144.26	346	PKP	21	06.00	-1.0
	0.9s	78.20nm				
			e	21	12.00	
ENN	144.89	355	iPKP	21	08.50	0.5
	0.5s	35.00nm				
UCC	144.96	357	PKPd	21	09.00	0.8
MEM	145.04	355	PKP	21	08.20	-0.1
TNS	145.16	352	ePKPc	2.	09.00	0.4
ZST	145.21	342	iPKP	21	09.70	1.0
GRF	145.24	349	ePKP	21	09.90	1.2
KHC	145.29	346	iPKPd	21	09.00	0.1
	1.0s	42.00nm				
			e	21	22.50	
DOU	145.65	357	PKP	21	10.30	0.9
WLF	145.97	355	PKP	21	11.80	2.0
GWF	146.49	353	iPKPc	21	12.80	2.0
FUR	146.70	348	iPKPd	21	13.90	2.7X
	0.8s	86.00nm				
BHG	146.77	346	ePKP	21	13.80	2 5X
FLN	147.03	3	ePKP	21	13.60	2 0
CDF	147.09	353	ePKP	21	14.20	2.3X
LDF	147.21	2	iPKPc	21	14.10	2 2
KBA	147.26	345	iPKPc	21	14.30	2 0
	0.5s	17.90nm				
			i	21	19.20	
			i	22	28.60	
GRR	147.39	3	iPKPc	21	14.70	2.5X
HAU	147.59	354	ePKP	21	15.50	2.9X
BSF	147.72	353	ePKP	21	15.80	2.9X
LPF	147.73	3	iPKPc	21	15.60	2.8X
LJU	147.90	343	ePKP	21	16.30	3.2X
VOY	148.09	344	ePKPc	21	16.60	3.0X
TRI	148.42	344	ePKP	21	17.30	3.4X
			e	21	22.30	
LOR	148.51	357	iPKPc	21	18.00	3.9X
GRC	148.52	358	iPKPc	21	18.20	4.2X
			i	21	23.10	
CTI	148.63	346	iPKPd	21	18.50	4.1X
VAY	148.71	329	ePKP	21	18.40	3.9X
SSF	148.73	357	ePKP	21	18.70	4 3X
SKO	148.76	331	iPKP	21	19.00	4.4X
LBF	148.79	357	iPKPc	21	18.60	4.1X
AVF	149.01	358	ePKP	21	19.00	4 2X
SMF	149.13	357	ePKP	21	19.20	4 2X
MFF	149.20	2	ePKP	21	19.40	4 3X
BGF	149.26	358	ePKP	21	19.70	4 5X
SAL	149.29	348	ePKP	21	20.00	4.8X
TCF	149.54	359	ePKP	21	20.30	4.6X
LSF	149.59	0	iPKPc	21	20.10	4.4X
MZF	149.61	359	ePKP	21	20.80	5.0X
OHR	149.74	330	ePKP	21	21.00	4.8X
RJF	150.53	0	ePKP	21	22.80	5.6X
LFF	150.89	1	ePKP	21	23.70	6.0X
CAF	150.91	359	ePKP	21	24.10	6.3X
LPO	151.15	1	iPKPc	21	24.40	6.3X
AQU	151.60	341	ePKP	21	25.00	6.1X
MNS	151.79	342	ePKP	21	25.00	6.0X
FRF	151.94	352	ePKP	21	25.90	6.6X
LRG	152.08	353	ePKP	21	26.10	6.7X
BNG	159.89	238	iPKPc	21	30.00	-0.2
	0.9s	6.90nm				
KIC	168.80	146	ePKP	21	37.60	-0.2
S.D. = 1.1 on 121 of 157 obs.						
APR 26, 1985 12h 12m 36.42± 0.78s						
39.376 N ± 6.5km 23.951 E ± 7.5km						
DEPTH = 10.0km (geophysicist)						
AEGEAN SEA (365						
ML 3.0 (ATH)						
PAIG	0.73	41	iPgc	12	52.10	1.3
			eSg	13	04.60	
LIT	0.84	329	iPgc	12	51.70	-1.0
OUR	1.20	37	ePb	12	59.10	0.4
			eSb	13	16.80	

26d 12h

THE	1.26	357	ePbc	12	58.70	-1.0
			eSb	13	14.90	
KZN	1.35	314	ePg	13	00.50	-0.9
SOH	1 46	9	ePbc	13	02.90	0.0
			iSb	13	23.30	
ATH	1.50	159	ePg	13	02.50	-0.8
			eSb	13	21.00	
GRG	1.66	343	ePb	13	04.60	-1.0
KNT	1.79	356	iPbc	13	07.30	-0.2
			eSb	13	29 80	
SRS	1.79	13	ePbc	13	07.30	-0.2
			eSb	13	29.60	
VAT	1.98	349	iPn	13	09.60	-0.7
VLS	2.27	239	ePg	13	15.00	0.5
OHP	2 44	316	iPn	13	19.00	2.0
SKO	2.87	335	ePn	13	25.00	2.0
PVL	4.09	22	iPc	13	40.00	-0.3

S.D. = 1.1 on 15 of 15 obs.

% APR 26, 1985 14h 00m 09.06± 0.89s
60.633 N ± 6.5km 5.966 E ± 8.9km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1 9 (BER).

ASK	0 41	249	iPg	00	16.80	-0.6
			eSg	00	23.20	
HYA	0.55	11	iPgd	00	20.00	-0.1
			iSg	00	27.50	
SUE	0.73	306	iPgd	00	23.60	0.3
			iSg	00	33.30	
ODD	0.77	153	iPgd	00	23.60	-0.5
			eSg	00	33.90	
KMY	1.47	195	iPn	00	36.50	0.9
			eSn	00	55.50	

S.D. = 0.9 on 5 of 5 obs

? APR 26, 1985 14h 33m 07.59± 1 58s
28 892 N ±24.0km 130 792 E ±17.3km
DEPTH = 33 0km (normal)
4 7mb (4 obs.)
RYUKYU ISLANDS (238)

SHK	5.85	15	eP	34	33.00	-1.3
BJI	16.38	317	eP	36	58.00	1.5
PKI	39.82	279	eP	40	39.40	-0.6
	0.8s	12.00nm			4.7mb	
KKN	39.88	280	eP	40	40.00	-0.4
	0.4s	9.00nm			4.9mb	
DMN	40.07	279	eP	40	41.70	-0.3
	0.5s	7.00nm			4.7mb	
INK	65.56	24	eP	43	49.00	-0.7
YKA	75.15	26	eP	44	50.20	2.2
YKC	75.21	26	eP	44	49.00	0.7
NB2	77.92	334	P	45	02.40	-1.2
	0 6s	0.90nm			4.0mb	

S.D = 1.4 on 9 of 9 obs.

APR 26, 1985 15h 43m 46.51± 0.95s
1.657 N ± 3.7km 126.508 E ± 5.4km
DEPTH = 47 9 ± 9.3 km
5 1mb (15 obs.)
MOLUCCA PASSAGE (266)

DAV	5.47	350	eP	45	08.00	0.3
AAI	5.57	162	eP	45	10.60	1.6
			eS	46	18.00	
CGP	6.99	345	eP	45	29.50	0.6
MAP	8 97	344	iPd	45	57.50	1.2
			iS	46	22.00	
PLP	9.5	351	eP	46	04.50	-0.1
KKM	11 15	293	ePd	46	29.50	3.2X
	8 7s	72.50nm			5.9mb X	
JAY	14 79	136	ePc	47	14 70	0.3
MTN	15 12	162	eP	47	17.00	-1.7
BAG	15 78	339	eP	47	29.00	1 6
MOM	21.21	100	eP	48	29.00	-1.5
GUMO	21.69	56	eP	48	34.30	-1 0
PJG	21.69	56	eP	48	34.30	-1 0
GUA	21.70	56	eP	48	34.50	-0.9
	0 7s	98.63nm			5.3mb	
WRA	22.80	161	Pd	48	46.00	-0.3
	0.5s	67.40nm			5.3mb	
WB2	22 80	161	iPc	48	45.30	-1.0
			eS	53	42.20	
KGM	23.18	271	eP	48	50.00	0.0
PMG	23.32	118	eP	48	52.00	0 7
QIZ	23.76	318	P	48	56.80	1.2
LMG	23.99	116	eP	48	52.00	-6.0X
IPM	25.61	277	ePc	49	13.10	-0.2
ISO	25.64	151	eP	49	13.00	-0.6
ASPA	26.18	164	iPc	49	17.70	-0.8
			eS	53	51.00	
PPI	26.19	266	e(P)	49	20.00	1.3
NAU	26.34	203	eP	49	20.00	0.0
TSI	27.97	274	e(P)	49	40.00	5.0X
LOE	28.95	304	eP	49	42.00	-1.7
CTA	29.02	139	iPc	49	46.40	2.1
	1 0s	33.00nm			4.9mb	
MEK	29.14	195	eP	49	45 00	-0.3
WHN	30.96	339	P	50	02.80	1.4
NJ2	31.08	347	eP	50	03.00	0.5
CHG	31.94	304	iPd	50	09.20	-1.0
	0.8s	10.07nm			4.7mb	
MRWA	32.31	197	eP	50	12.00	-1.3
KLG	32.62	188	eP	50	16.00	0.1
KMI	32.71	317	eP	50	17.00	-0.1
KLB	34.09	193	eP	50	28.00	-0.7
MUN	34.85	195	eP	50	34.50	-0.7
TIA	35.46	347	eP	50	40.40	0.0
NWAO	35.50	193	eP	50	40.50	-0.2
SRY	35.80	18	eP	50	40.50	-2.8
DDR	36.14	18	eP	50	45.00	-1.2
XAN	36.17	335	eP	50	44.80	-1.7
CD2	36.20	326	eP	50	46.40	-0.3
STK	36.29	158	iPd	50	47.10	-0.3
MAT	36.36	16	iPc	50	46.40	-1.6
	0.8s	18.66nm			5.1mb	
			eS	56	50.00	
TSK	36.62	19	eP	50	48.80	-1.3
RKG	36.64	193	eP	50	55.00	4.6X
	0.4s	8.00nm			5.0mb	
DL2	37 34	354	P	50	58.40	2.3
TIY	38.15	342	eP	51	02.80	-0.2
ADE	38.18	164	iPd	51	03.50	0.1
	0.9s	25.21nm			5.1mb	
BJI	39.34	347	eP	51	12.50	-0.4
SNY	40.08	357	eP	51	19.70	0.8
LZH	40.18	331	eP	51	20.00	-0.1
	1.5s	50.00nm			5.1mb	
SHL	40.95	308	iP	51	27.00	0.4
YOU	41.23	152	eP	51	29.20	0.6
BTO	41.54	341	eP	51	33.00	1.9
CN2	41.97	359	eP	51	33.00	-1.5
CAN	42.38	152	eP	51	38.50	0.5
WAM	43.04	153	eP	51	43.90	0.6
GTA	44.76	330	P	51	57.60	0.2
PKI	47.01	307	eP	52	13.60	-2.0
	0.5s	11.00nm			5.1mb	
KKN	47.21	307	eP	52	15.60	-1.4
	0.5s	20.00nm			5.3mb	
DMN	47.27	307	eP	52	16.60	-1.0
	0.9s	44.00nm			5.4mb	
HYB	49.63	291	eP	52	35.00	-0.7
GBA	49.95	286	P	52	36.00	-2.1
NDI	54.09	305	eP	53	04.00	-5.0X
POO	54.24	292	iPd	53	11.00	0.7
WMQ	54.30	326	eP	53	10.00	-0.4
OUE	63.07	303	eP	54	11.00	-0.8
MHI	70.59	308	eP	54	59.00	-0.2
IR2	77.35	306	eP	55	41.00	2 6X
AVY	79.93	251	eP	55	52.80	0.0
SBA	82.33	172	e(P)	56	05.20	1.2
TTA	82.83	27	eP	56	09.00	2.0
BRW	84.20	18	eP	56	15 60	1.9
IMA	84.36	24	eP	56	16.30	1.5
PME	85.91	28	eP	56	23.30	0.9
FBA	86.68	25	eP	56	29.50	3.3X
TOA	87.29	28	eP	56	29.50	0.3
NAI	89.74	269	eP	56	37.50	-4.6X
	0.8s	20.90nm			5.5mb	
INK	92.17	22	eP	56	51.00	-0.9
SOD	92.29	338	eP	56	49.00	-3.5X
KJF	92.35	334	iP	56	52.20	-0.6
	0.6s	9.10nm			5.4mb	
SUF	93.29	333	eP	56	57.00	-0.1
MBC	94.01	13	eP	57	00.00	-0.3
MTD	95.19	253	eP	57	09.00	2.1
BUL	97.98	250	eP	57	21.00	1.5
HFS	99.74	332	eP	57	28.10	1.5
	0.9s	3 10nm			4.8mb	
NB2	100 53	333	Pdiff	57	28.40	-1.8
	0.7s	1.80nm			4 8mb	
YKA	101.47	25	ePdiff	57	35 80	1.6
KIC	130.68	280	ePKP	02	57.20	2.1
MDZ	145.75	157	ePKP	03	23.70	1.6
TCA	148.67	162	ePKPd	03	29.50	2.6X

S.D. = 1.2 on 82 of 92 obs.

* APR 26, 1985 15h 53m 18.51± 0.68s
17.735 S ± 6.6km 168.346 E ± 6.6km
DEPTH = 108.0 ± 6.3 km
5.5mb (5 obs.)
VANUATU ISLANDS (186)

PVC	0.03	261	iPc	53	32.50	-2.0
			iS	53	42.50	
NOU	4.89	201	iPc	54	31.00	0 0
			iS	55	08.50	
VUN	9.64	93	eP	55	37.00	1.1
HNR	11.60	314	eP	56	03.00	1.0
			eS	58	16.00	
VSG	11.89	314	eP	56	08.00	2.1
SVO	11.90	315	eP	56	09.00	3.1X
CRZ	17.07	168	P	57	15.00	3.1X
COO	19.69	226	iP	57	43.00	1.3
RMQ	20.11	241	iPd	57	47.80	1.7
	1.1s	437.00nm			5.7mb	
CTA	21.03	260	iPd	57	56.00	0.7
	1.1s	126.58nm			5.2mb	
			iS	01	50.00	
PMG	22.18	289	eP	58	07.00	0.2
GNZ	22.48	160	P	58	10.80	1.3
MNG	23.62	166	P	58	20.10	-0.5
TCW	23.95	169	P	58	24.10	0.4
YOU	24.28	223	eP	58	28.70	1.6
CAN	24.55	221	eP	58	31.10	1.5
CMS	24.56	232	eP	58	30.00	0.3
WAM	25.19	219	eP	58	38.40	2.9X
ISQ	27.33	259	eP	58	55.00	-0.3
STK	27.98	235	eP	59	01.00	0.0
WB2	32.22	261	iPd	59	37.20	-1.4
ASPA	32.70	254	iPd	59	41.80	-1.0
	0.5s	290.00nm			6.3mb	
KLG	44.38	244	eP	01	20.00	0.0
MEK	46.72	250	iPd	01	38.10	-0.5
	0.5s	26.00nm			5.3mb	
KLB	47.61	243	eP	01	44.50	-1.0
NWAO	48.16	241	eP	01	49.00	-0.8
MUN	48.95	243	eP	01	55.00	-0.8
MRWA	49.01	246	eP	01	55.00	-1.3
NAU	49.64	255	eP	02	01.00	-0.2
SBA	60.15	180	iPc	03	15.60	-0.9
KGM	66.95	280	ePc	04	01.80	-0.2
IPM	69.98	282	ePc	04	19.90	-0.8
SPA	72.38	180	iPc	04	33.70	-0.7
	1.0s	65.00nm			5.4mb	
BJI	75.24	321	eP	04	50.00	-1.1
CHG	77.26	295	eP	05	03.00	0.1
KHC	142.61	333	PKP	12	36.10	-4.4X
WLF	145.06	340	PKPc	12	44.50	0.0
GWF	145.13	338	ePKP	12	43.40	-1.4
DOU	145.18	342	PKP	12	44.00	-0.7
OGA	145.45	332	iPKPc	12	45.50	-0.1
CDF	145.73	337	ePKP	12	46.20	0.3
BSF	146.40	337	ePKP	12	48.10	1.1
HAU	146.41	338	ePKP	12	48.00	1.1
BNG	147.62	249	iPKPc	12	51.90	2.0X
	1.0s	7.90nm				
LOR	147.90	340	ePKP	12	52.40	3 1X
LBF	148.11	340	ePKP	12	52.90	3.2X
GRC	148.13	341	iPKPc	12	53.10	3.5X
			i	12	56.90	
			i	13	24.60	
SSF	148.20	340	ePKP	12	53.40	3.6X
SMF	148.45	339	ePKP	12	53.50	3.3X
AVF	148.48	340	ePKP	12	53.70	3.5X
LPF	148.56	346	ePKP	12	53.30	3.0X
MZF	149.24	340	ePKP	12	55.70	4.2X
TCF	149.29	341	ePKP	12	55.90	4.3X
MFF	149.68	344	ePKP	12	58.00	5.9X

S.D. = 1.1 on 39 of 54 obs.

* APR 26, 1985 16h 40m 12.31± 1.08s
32.062 S ±12.0km 67.580 W ± 9.5km
DEPTH = 10.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

CFA	0.72	309	ePc	40	24.00	-2.5X
			S	40	33.50	
RTCV	0.84	284	ePc	40	26.80	-1.7

		(S)	40 39.00		
RTLL	1.05	314	ePd	40 33.00	0.8
RTCB	1.19	299	eP	40 35.30	0.8
			S	40 50.20	
MDZ	1.35	232	eP	40 41.40	4.2X
			eS	41 04.90	
TCA	2.65	75	iPd	40 55.50	-0.4
			S	41 30.60	
RFA	2.80	195	ePd	40 58.60	0.5
			S	41 42.00	
S.D. = 1.5			on	5 of 7 abs.	

: APR 26, 1985 16h 55m 14.74± 0.57s
38.898 N ± 4.6km 27.460 E ± 6.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.52	197	iPg	55 25.10	-0.3
			iSg	55 33.10	
DST	1.15	52	iPn	55 36.40	0.1
EZN	1.28	317	ePn	55 38.40	0.0
EDC	1.48	12	ePn	55 41.30	-0.1
KCT	1.52	27	iPn	55 42.10	0.2
YER	1.88	159	ePn	55 47.70	0.5
ALT	2.07	85	ePn	55 49.60	-0.5
YLV	2.23	41	iPn	55 56.00	3.7X
DMK	2.93	4	ePn	56 02.20	0.0
S.D. = 0.3			an	8 of 9 abs.	

APR 26, 1985 17h 32m 51.80± 0.42s
49.076 N ± 4.0km 6.607 E ± 4.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.2 (LDG).

WLF	0.66	333	Pg	33 04.50	-0.4
			e	33 15.00	
CDF	0.80	146	Pn	33 01.60	-5.8X
			Pg	33 06.00	
			Sg	33 18.90	
HAU	1.09	189	Pg	33 13.00	0.8
			Sg	33 29.00	
BUH	1 14	110	iPnc	33 11.80	-1.4
BSF	1.25	174	Pg	33 15.70	0.6
			Sg	33 33.80	
MEM	1.58	346	Pnc	33 20.80	0.9
			e	33 46.00	
TNS	1 66	45	ePn	33 19.60	-1.5
			eSn	33 40.40	
DOU	1 66	309	Pn	33 21.30	0.2
			iPg	33 24.30	
			Sn	33 43.00	
ENN	1 75	346	e(Pg)	33 23.50	1.2
0.8s 24.00nm					
			i	33 24.80	
			eSg	33 47.00	
SLE	1.82	136	eP	33 24.70	1.3
ZUL	1 99	143	eP	33 29.50	3 6X
LOR	2 58	227	Pn	33 34.10	-0.2
			Sn	34 06.20	
			Sg	34 14.80	
SAX	2.59	134	eP	33 34.90	0.2
LBF	2.74	221	Pn	33 35.80	-0.8
			Sn	34 08.70	
			Sg	34 20.70	
SSF	2.90	227	Pn	33 38.20	-0.6
			Sn	34 10.80	
			Sg	34 26.00	
WTS	2.93	2	e(Pg)	33 46.00	6 8X
			e	34 18.00	
			eSg	34 28.00	
GRC	2.96	234	ePd	33 49.00	9.3X
SMF	3.06	218	Pn	33 41.30	0.2
			Sn	34 18.30	
			Sg	34 31.50	
AVF	3.16	225	Pn	33 42.40	-0.2
BGF	3.57	227	Pn	33 47.60	-0.8
KBA	4.94	111	iPnc	34 08.40	0 5
			iS	35 30.80	
S.D. = 0.9			on	17 of 21 abs.	

APR 26, 1985 17h 34m 56.60± 0.43s
33.848 N ± 4.2km 135.420 E ± 3 4km
DEPTH = 28.2 ± 3.7 km
5 0mb (1 abs.)
NEAR S. COAST OF SOUTHERN HONSHU(233)
Felt (I JMA) at Owase and Wakayama.

WKY	0.43	331	iPc	35 05.90	0.1
			iS	35 11.60	
SHJ	0.49	144	iPc	35 07.20	0.4
			iS	35 14.90	
OWA	0.68	71	eP	35 09.00	-0.9
			S	35 18.00	
TKS	0.73	287	ePc	35 10.00	-0.7
			iS	35 20.40	
OSK	0.79	15	Pc	35 11.50	-0.2
OSA	0.83	6	iPc	35 12.40	0.1
			S	35 23.90	
KOB	0.86	347	iPc	35 12.80	0.1
			iS	35 24.00	
KYO	1.19	13	iPc	35 17.50	0.1
			iS	35 31.80	
MRT	1.20	240	Pd	35 18.10	0.6
			eS	35 33.20	
TKM	1.22	293	eP	35 15.00	-2.8X
			eS	35 27.00	
TSU	1.25	47	eP	35 19.00	0.8
			S	35 36.50	
HIK	1.58	25	eP	35 23.00	0.0
			iS	35 41.80	
NAG	1.83	44	eP	35 27.00	0.3
			eS	35 49.00	
GIF	1.90	35	eP	35 28.00	0.3
			eS	35 35.00	
TOT	1.95	329	P	35 27.80	-0.6
			S	35 43.40	
FUK	2.30	17	iPc	35 33.50	0.2
			eS	36 01.00	
SHK	2.37	287	ePc	35 33.90	-0.5
OYM	3.52	62	eP	35 51.40	0.6
MAT	3.53	40	iPc	35 50.50	-0.4
			eS	36 00.00	
SRY	3.63	60	eP	35 52.90	0.7
DDR	3.77	54	eP	35 56.00	1.7
			S	36 41.30	
TSK	4.51	57	eP	36 04.10	-0.7
MDJ	11.66	339	eP	37 48.00	3.9X
CN2	12.61	325	eP	37 57.00	0.2
BJI	16.57	297	eP	38 50.00	1.6
WHN	18.13	265	eP	39 10.00	2.0
HHC	20.18	297	eP	39 32.00	0.3
BTO	21.28	296	eP	39 43.50	0.5
GTA	28.98	291	eP	40 54.60	-1.4
KKN	43.14	276	eP	42 56.50	-0.2
IPM	43.23	235	ePc	42 57.90	0.7
HYB	53.19	267	eP	44 13.80	-0.9
WB2	53.50	181	iPd	44 15.50	-1.2
ASPA	57.21	182	eP	44 42.00	-1.6
0.9s 13.00nm 5.0mb					
SOD	65.95	336	iP	45 46.20	4.3X
KJF	67.19	333	eP	45 56.00	6.2X
IR2	67.26	298	(P)	46 01.00	10.1X
SUF	68.56	332	eP	46 04.00	5 6X
YOU	68.85	169	eP	46 01.40	0.9
YKA	68.96	28	eP	46 03.60	2.7X
NUR	70.38	331	eP	46 25.00	15.5X
WAM	70.80	168	eP	46 12.50	0.2
CLL	81.28	328	eP	47 11.00	-0.4
			e	47 18.00	
PRU	81.50	326	eP	47 20.50	7.9X
KHC	82.55	326	P	47 11.60	-6.5X
			e	47 25.90	
S.D. = 0.9			an	35 of 45 abs.	

? APR 26, 1985 18h 09m 49.06±13.19s
32.769 S ±33.2km 72.921 W ±104.km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.73	134	iPd	10 17.40	0.1
			iS	10 33.30	
TACH	1.88	118	iPd	10 19.10	-0.4
			iS	10 36.50	
JACH	1.96	88	iPd	10 20.60	-0.2
SAN	2.02	110	iP	10 21.30	-0.1
			iS	10 39.50	
FCH	2.28	105	iPc	10 26.00	0.6
			iS	10 45.70	
MDZ	3.43	93	eP	10 46.40	4.8X
			eS	11 24.10	
RFA	4.21	120	ePc	10 56.30	3.6X
			S	11 49.20	
TCA	7.21	81	ePd	11 35.00	0.0
			S	12 57.00	
S.D. = 0.4			an	6 of 8 abs.	

& APR 26, 1985 19h 06m 49.60s
36.425 N 121.028 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.0 (BRK).

LLA	0.20	20	iPd	06 54.00	0 2
PRS	0.29	251	iPc	06 55.50	0 0
PRI	0.41	134	iPd	06 58 10	0 3
			iSn	07 08 70	
SAO	0.48	315	iP	06 58.40	-0 8
SLD	0.67	347	eP	07 02.70	-0 2
GCC	0.99	308	iPd	07 07.60	-1 1
ARN	1.01	336	eP	07 08.50	-0.7
MHC	1.04	332	ePc	07 09.20	-0.6
FRI	1.20	62	ePc	07 10.80	-1.6
PCC	1.53	315	ePc	07 15.80	-1.7
JAS1	1.58	18	eP	07 16.80	-1.5
			iSn	07 37.80	
			i(S*)	07 40.30	
BKS	1.74	327	eP	07 19.30	-1.3
BRK	1.75	326	ePc	07 19.00	-1.7
ZSP	1.81	327	eP	07 21.00	-0.6
MNA	3.04	48	ePc	07 44.30	4.9
ORV	3.15	353	eP	07 40.40	-0.4
EUR	5.03	51	iP	08 25.20	17.5
17 obs. assaciated					

• APR 26, 1985 21h 59m 46.18± 1.48s
32.954 S ± 7.1km 71.433 W ±15.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

TACH	0.81	149	iPc	00 01.40	0 2
SAN	0.82	128	iPd	00 01.80	0 5
			iS	00 18.30	
LNV	1.00	179	iPd	00 02.20	-1 7
			iS	00 18.60	
FCH	1.03	112	iPd	00 05.10	0 5
			iS	00 23.40	
MDZ	2.17	89	eP	00 24.10	3.3X
			iS	00 59.80	
RTC8	2.67	57	ePc	00 26.60	-1.3
			S	01 05.20	
RTCV	2.68	67	ePd	00 28.50	0.5
			S	01 08.80	
ZON	2.72	60	eP	00 29.00	0.4
RTLL	2.99	58	iPc	00 31.10	-1.3
			(S)	01 14.00	
CFA	3.02	64	ePc	00 31.60	-1 2
			S	01 14.30	
RFA	3.06	127	ePd	00 35.30	1 8
			S	01 29.80	
TCA	6.02	76	ePd	01 11 50	-3 9X
			S	02 24.00	
CYA	6.62	49	iPd	01 16.20	-7 5X
			S	02 40.00	
VBA	9.24	126	ePd	02 00.00	-0 1
ANT	9.26	6	eP	02 02.00	1 6
SLA	9.71	34	e(P)	02 15.00	8 2X
GBA	145.72	117	PKPd	19 18.00	-5.4X
0.4s 4.10nm					
S.D. = 1.3			an	12 of 17 obs	

• APR 26, 1985 22h 18m 08.74± 2 09s
33.641 S ±13.7km 71.424 W ±24 0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.31	178	iPc	18 16.60	0.0
			iS	18 27.50	
TACH	0.41	92	iPc	18 18.80	0.8
			iS	18 31.60	
FCH	1.00	72	iPd	18 26.40	-0.4
JACH	1.18	36	iPc	18 24.50	-4.6X
MDZ	2.29	71	iPd	18 49.10	4 1X
			iS	19 25.00	
RTCV	3.01	55	eP	18 56.30	1 0
			S	19 43.50	
RTCB	3.09	47	iPc	18 56.00	-0 4
			(S)	19 40.30	
ZON	3.12	49	eP	19 58.00	1 2
RTLL	3.40	48	eP	19 00.00	-0 8

26c 22h

			S	19 46.00		
TCA	6.21	70	ePd	19 39.20	-1.4	
			S	20 56.00		
	S.D. = 1.1		on	8 of 10 obs.		
• APR 26, 1985 22h 44m 31.80± 0.94s						
31.267 S ±11.8km 178.863 W ±11.7km						
DEPTH = 85.1 ± 8.7 km						
5.3mb (4 obs.)						
KERMADEC ISLANDS REGION						(177)
RAO	2.17	22	P	45 07.00	0.3	
			S	45 32.50		
CRZ	7.78	244	eP	46 29.80	5.5X	
GNZ	7.79	198	eP	46 27.00	2.6X	
			e	47 49.00		
MNG	10.39	205	eP	46 58.00	-1.9	
			eS	47 48.00		
NOU	15.85	301	iPc	48 12.50	1.4	
CAN	27.10	253	eP	50 10.10	1.6	
WAM	27.20	251	eP	50 11.10	1.8	
YCJ	27.64	255	eP	50 16.10	2.8X	
PMG	28.69	271	eP	50 23.00	0.1	
CTA	33.22	281	iPd	51 02.30	-0.4	
	0.6s		26.00nm		5.2mb	
STK	33.57	258	iPc	51 06.10	0.4	
ASPA	42.33	268	iPd	52 17.80	-1.3	
	1.2s		59.00nm		5.3mb	
			eS	58 41.00		
WB2	43.39	274	iPc	52 26.00	-1.6	
WRA	43.40	274	Pc	52 25.60	-2.1	
	0.5s		36.50nm		5.5mb	
SBA	47.12	184	eP	52 57.90	1.3	
SPA	58.90	180	e(P)	54 25.30	1.2	
BMN	91.33	42	eP	57 28.00	-1.1	
	1.5s		21.21nm		5.2mb	
LTX	93.48	58	eP	57 39.50	0.3	
YKA	106.54	26	ePKP	02 45.40	-2.2	
BUL	122.48	211	iPKPc	03 17.00	-2.4X	
MTD	123.99	216	ePKP	03 20.00	-2.3X	
KRI	124.91	214	ePKP	03 34.00	9.8X	
FRB	126.50	31	ePKP	03 22.00	-3.7X	
SOD	140.84	345	iPKP	03 43.20	-9.3X	
			i	03 52.50		
KJF	143.09	341	ePKP	03 51.00	-5.5X	
	0.5s		14.00nm			
			i	03 58.00		
SUF	144.68	340	iPKPc	03 54.70	-4.6X	
	0.5s		30 30nm			
NUP	146.86	339	iPKP	04 01.80	-1.2	
	0.6s		36.40nm			
UPP	149.35	344	iPKP	04 07.40	0.5	
			i	04 13.70		
NB2	149.49	350	PKP	04 08.50	1.3	
	0.6s		15.10nm			
HFS	149.93	347	ePKP	04 09.10	1.3	
	0.6s		15.10nm			
KIC	154.62	166	ePKP	04 23.50	7 6X	
	S.D. = 1.5		on	20 of 31 obs.		
APR 26, 1935 23h 23m 40.32± 0.46s						
58.117 N ± 5.0km 154.554 W ± 3.9km						
DEPTH = 104.6 ± 3.1 km						
4.7mb (18 obs.)						
ALASKA PENINSULA						(12)
CDD	0.95	30	iPd	24 01 40	0.6	
KDC	1.16	108	eP	24 03.70	0.6	
AUH	1.38	24	iP	24 06.99	1.2	
ADL	1.40	24	iPd	24 07 10	1.2	
SPT	1.69	23	iPc	24 10.20	0.6	
MCW	2.16	43	ePd	24 17.00	1.3	
CNPW	2.23	49	iPd	24 17 50	0 9	
ILM	2.26	23	iP	24 17.84	0.9	
RED	2.48	21	iP	24 20.90	0 8	
BRLK	2 52	47	iP	24 20 93	0 5	
			eS	24 50.20		
RDT	2.70	23	iP	24 23.56	0.6	
SVW	3.05	350	eP	24 27.70	0 1	
NKA	3.13	31	iP	24 30.84	2 2	
SLKM	3.27	41	eP	24 30.38	-0.2	
			eS	25 06.00		
SEW	3.30	51	iP	24 30.70	-0.3	
			eS	25 07.05		
SPU	3.33	21	iP	24 31.90	0 5	
			eS	25 07.75		
CRP	3.39	20	iP	24 33.09	0.8	
CGLM	3.45	21	eP	24 33.67	0.5	
MPA	3.57	46	eP	24 34.44	-0.2	
SUA	3.87	28	eP	24 39.31	0.4	
PTE	3.94	43	eP	24 39.56	-0.2	
PMS	4.03	37	eP	24 40.92	-0.1	
SKT	4.16	20	eP	24 42.91	0.1	
PWA	4.26	32	eP	24 43.87	-0.2	
SDN	4.30	232	eP	24 43.70	-0.9	
PLRM	4.43	36	eP	24 45.55	-0.9	
MID	4.47	69	eP	24 46.50	-0.5	
PME	4.49	36	eP	24 46.40	-0.8	
KNK	4.52	40	eP	24 46.91	-0.8	
CFI	4.62	45	eP	24 48.21	-0.7	
GHO	4.63	35	eP	24 48.27	-1.0	
MSE	4.67	35	eP	24 48.67	-1.2	
GLI	4.70	51	eP	24 49.26	-0.9	
HIN	4.72	58	eP	24 50.58	0.1	
TTV	4.79	49	eP	24 50.78	-0.6	
SML	4.84	38	eP	24 51.11	-1.1	
TTA	4.88	352	eP	24 53.00	0.2	
FID	4.90	54	iP	24 51.55	-1.3	
VZW	5.02	51	eP	24 53.79	-0.9	
VLZ	5.15	51	eP	24 55.95	-0.4	
SCM	5.20	41	eP	24 56.62	-0.5	
SGAM	5.35	60	eP	24 59.00	-0.2	
KLU	5.52	49	iP	25 01.01	-0.5	
TOA	5.79	43	eP	25 04.40	-0.9	
SNH	6.37	66	eP	25 13.56	0.3	
BALM	6.86	60	eP	25 19.50	-0 4	
AGAM	7.25	68	eP	25 25.67	0.4	
COL	7.53	23	iP	25 26.20	-2.8X	
			e	25 41.00		
			eS	26 47.00		
FBA	7.53	23	eP	25 26.10	-2.9X	
PCA	7.62	69	eP	25 30.30	-0.1	
IMA	7.99	3	eP	25 34.40	-1.0	
PNL	8.00	72	eP	25 34.70	-0.8	
INK	13.84	34	eP	26 51.00	-1.8	
ADK	14.11	253	eP	26 55.00	-1.4	
YKA	20.02	61	eP	28 07.40	0.8	
YKC	20.09	61	ePd	28 08.00	0.7	
	0.7s		26.00nm		4.7mb	
MBC	22.07	22	eP	28 27.00	0.0	
EDM	23.47	84	iP	28 41.50	0.7	
NEW	24.20	98	eP	28 52.50	4.6X	
FRB	39.15	45	eP	31 00.00	1.5	
SOD	54.82	359	eP	32 59.00	-1.9	
KJF	58.00	359	eP	33 23.00	-0.5	
SUF	59.49	360	eP	33 32.00	-1.9	
NB2	60.66	8	P	33 40.60	-1.4	
	0.7s		3.30nm		4.5mb	
NUR	61.71	0	iP	33 48.00	-1.0	
HFS	61.73	7	eP	33 47.30	-1.8	
	0.6s		6.20nm		4.8mb	
MOX	71.01	9	e(P)	34 48.00	0.0	
GRR	71.66	18	eP	34 52.30	0.4	
LPF	71.98	18	eP	34 54.50	0.8	
KHC	72.67	8	P	34 58.00	0.1	
CDF	72.78	13	eP	34 58.90	0.3	
HAU	73.07	13	eP	35 00.50	0.3	
	0.8s		5.30nm		4.4mb	
BSF	73.30	13	eP	35 01.90	0.3	
LOR	73.47	15	eP	35 02.90	0.4	
MFF	73.51	18	eP	35 03.40	0.7	
	0.9s		9.80nm		4.6mb	
SSF	73.62	15	eP	35 03.80	0.4	
	1.0s		12.80nm		4.7mb	
LBF	73.77	15	eP	35 04.30	0.0	
AVF	73.87	16	eP	35 05.10	0.3	
	0.7s		7.30nm		4.6mb	
BGF	74.02	16	iPc	35 06.00	0.3	
	0.7s		6.70nm		4.6mb	
SMF	74.08	15	eP	35 06.30	0.3	
	1.2s		13.00nm		4.6mb	
LSF	74 12	17	eP	35 06.60	0.3	
	0.9s		9.70nm		4 6mb	
TCF	74 19	17	eP	35 07.10	0.4	
MZF	74.32	16	eP	35 07.80	0.4	
	0.9s		3.60nm		4.2mb	
KBA	74.69	9	iPc	35 10.50	0.7	
	0.7s		10.60nm		4.8mb	
RJF	75.04	17	eP	35 12.30	0.7	
LFF	75.28	18	iPc	35 13.80	0.9	
	0.6s		18.30nm		5.1mb	
CAF	75 50	17	eP	35 14.80	0.6	
	0.9s		8.10nm		4 5mb	
LPO	75.60	18	iPc	35 15.50	0.8	
	0.7s		14.10nm		4.9mb	
KKN	80.98	309	eP	35 45.00	0.4	
	0.7s		21.00nm		5.1mb	
PKI	81.12	309	eP	35 45.70	0.2	
	0.7s		17.00nm		5.0mb	
DMN	81.21	309	eP	35 46.30	0.4	
	0.5s		25.00nm		5.3mb	
GBA	96.88	309	P	36 59.50	-1.1	
SLR	147.58	355	iPKPc	43 12.00	1.4	
	0.9s		10.92nm			
BPI	148.03	356	ePKP	43 11.10	-0.3	
	0.6s		17.33nm			
EVA	148.30	354	ePKP	43 16.40	4.6X	
	0.6s		17.33nm			
BFS	148.79	358	ePKP	43 16.40	3.9X	
SWZ	149.08	0	ePKP	43 16.00	3.0X	
BLF	151.00	359	ePKP	43 21.60	5.8X	
	S.D. = 0.8		on	91 of 98 obs.		
? APR 26, 1985 23h 26m 21.33± 5.40s						
34.025 S ±18.8km 71.626 W ±46.1km						
DEPTH = 33.0km (normal)						
NEAR COAST OF CENTRAL CHILE						(135)
LNV	0.19	69	iPc	26 26.90	-0.9	
			iS	26 34.90		
TACH	0.68	57	iP	26 34.00	-0.5	
			iS	26 47.40		
SAN	0.99	55	iPd	26 38.80	-0.1	
			iS	26 55.80		
FCH	1.31	58	iPc	26 44.00	0.2	
			i(S)	27 05.50		
JACH	1.59	33	iPc	26 48.50	0.8	
			iS	27 12.20		
MDZ	2.59	65	eP	27 09.10	7.3X	
			i	27 17.60		
			iS	27 50.20		
RFA	2.72	107	eP	27 04.30	0.6	
TCA	6.51	68	ePd	27 57.00	-0 4	
			S	29 21.20		
	S.D. = 0.8		on	7 of 8 obs.		
? APR 27, 1985 00h 14m 54.46±18.35s						
32.609 S ±24.7km 72.704 W ±153.km						
DEPTH = 33.0km (normal)						
OFF COAST OF CENTRAL CHILE						(134)
MDZ	3.26	96	eP	15 44.90	0.4	
			iS	16 18.60		
RTCB	3.50	72	eP	15 48.10	0.1	
			S	16 27.20		
ZON	3.58	74	eP	15 50.00	1.0	
RTCV	3.61	79	eP	15 49.20	-0.3	
			S	16 28.50		
RTLL	3.82	72	ePd	15 52.00	-0.4	
			S	16 34.30		
CFA	3.92	76	ePc	15 52.50	-1.4	
			S	16 37.10		
RFA	4.14	123	ePc	15 56.80	-0.2	
TCA	7.01	82	ePd	16 32.10	-5.4X	
			S	17 45.00		
	S.D. = 0.9		on	7 of 8 obs.		
APR 27, 1985 00h 33m 13.00± 0.11s						
15.798 S ± 3.9km 173.503 W ± 2.8km						
DEPTH = 80.8km (6 depth phases)						
5.7mb (49 obs.)						
TONGA ISLANDS						(173)
FAULT PLANE SOLUTION: P-Woves						
NP1:Strike= 10 Dip=85 Slip= 70						
NP2: 267 21 166						
Principol Axes:						
T Plg=46 Azm=259						
P 37 118						
Comment: The focol mechanism is poorly controlled ond corresponds to reverse foulting with o moderote strike-slip component. The preferred foult plone is not determined.						
MOMENT TENSOR SOLUTION						
Dep 100 No. of sto: 6						
Moment Tensor; Scole 10**24 d-cm						
Mrr= 2.01 Mtt=-0.81						
Mff=-1.20 Mrt=-3.36						
Mrf= 0.85 Mtf=-3.99						

Principal axes:
T Val= 5.68 Plg=41 Azm=216
N -0.22 45 64
P -5.46 15 319
Best Double Couple:Mo=5.6*10**24
NP1:Strike= 6 Dip=50 Slip= 22
NP2: 262 73 137
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 21C
Centroid Location:
Origin Time 00:33:22.2 0.7
Lat 15.67S 0.08 Lon 173.35W 0.05
Dep 90.4 4.0 Half-duration 2.3
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.14 0.11 Mtt=-1.35 0.22
Mff= 0.21 0.20 Mrt= 0.27 0.10
Mrf= 2.34 0.11 Mtf=-1.19 0.16
Principal Axes:
T Val= 3.13 Plg=48 Azm=259
N -0.48 30 30
P -2.66 25 136
Best Double Couple:Mo=2.9*10**24
NP1:Strike=272 Dip=34 Slip= 156
NP2: 22 77 59

AFI 2.51 42 iPc 33 49.00 -3.6X
S 34 14.00
VUN 8.00 253 iPc 35 15.00 6.4X
NDF 8.88 256 eP 35 27.00 6.3X
RAR 14.09 115 P 36 26.00 -4.1X
S 38 53.00
PVC 17.52 261 iPc 37 19.00 5.5X
NOU 20.01 248 iPc 37 39.50 -2.3
CRZ 22.33 211 eP 38 10 10 5.1X
1.2s 721.00nm 6.0mb
AFR 22.79 98 iP 38 09.10 -0.5
1.3s 175.00nm 5.3mb
PAE 22.98 98 iP 38 11.10 -0.4
1.3s 375.00nm 5.6mb
PPT 22.99 98 iP 38 11.30 -0.2
1.3s 415.00nm 5.7mb
PPN 23.12 98 iP 38 12.60 -0.2
1.3s 280.00nm 5.5mb
TVO 23.30 98 iP 38 14.40 -0.2
TBI 23.84 112 iP 38 20.20 0.4
0.9s 375.00nm 5.8mb
GNZ 23.95 197 eP 38 22.20 1.5
1.0s 755.00nm 6.1mb
PMO 24.70 92 iP 38 27.40 -0.6
1.3s 345.00nm 5.6mb
VAH 24.93 92 iP 38 29.20 -1.0
1.3s 220.00nm 5.4mb
TPT 24.96 92 iP 38 29.80 -0.8
1.3s 345.00nm 5.6mb
RUV 25.17 92 iP 38 31.50 -1.0
1.3s 280.00nm 5.6mb
MNG 26.52 199 P 38 44.50 -0.3
SVO 26.86 281 eP 38 58.00 9.9X
VSG 26.93 281 eP 38 50 00 1.3
WEL 27.35 199 P 38 51.50 -0.8
TCW 27.45 200 P 38 53.80 0.6
COO 34.88 239 iPc 39 57.90 -0.9
1.0s 121 00nm 5.8mb
ALOA 35.58 274 eP 40 03.00 -1.7
RMO 36.65 247 eP 40 13.00 -0.7
RPT 36.97 108 iP 40 16.00 -0.3
0.9s 60 00nm 5.5mb
LMG 38.03 276 eP 40 25.00 -0.6
CTA 38.46 258 iPd+ 40 28.00 -0.9
0.9s 26.05nm 5.2mb
eS 46 42.00
CAN 38.71 233 iPc 40 30.40 -0.5
PMG 38.87 275 iPc 40 33.00 0.6
1.1s 113.92nm 5.7mb
WAM 39.11 232 iPc 40 33.80 -0.3
ePcP 43 43.90
CMS 40 14 240 iPc 40 41.90 -0.8
1 0s 198.00nm 6.0mb
MOM 40.86 286 eP 40 49.00 0.2
MDG 41.30 280 eP 40 51.50 -0.9
TOO 42 14 231 iPc 40 58.20 -0.9
TAU 42.96 223 iPc 41 05.30 -0.3
STK 43.76 240 iPc 41 12.10 -0.2
1.0s 207.00nm 5.9mb
BFD 44.25 233 eP 41 16.00 -0 1
1.0s 75.00nm 5.5mb

ISQ 44.73 256 eP 41 20.00 -0.3
e 43 02.00 564kmX
ADE 46.72 237 iPc 41 34 80 -1.0
1.1s 113.92nm 5.7mb
WB2 49 64 257 iPc 41 57 20 -1.5
WRA 49.66 257 Pd 41 57.80 -1.0
1.3s 193.30nm 6.0mb
ASPA 49.90 252 iPc 41 59.40 -1.2
ePcS 47 15.00
eS 49 02.00
GUA 50.40 303 eP 42 03.70 -0.7
0.9s 114.29nm 5.9mb
GUMO 50.47 303 eP 42 04.20 -0.7
PJG 50.47 303 eP 42 04.60 -0.3
KLG 60.83 243 iPd 43 18.20 -1.2
SBA 62.85 185 iPc 43 33.90 1.8
MBL 63.06 254 iPc 43 33.30 -1.0
0.4s 50.00nm 5.9mb
MEK 63.64 248 iPd 43 37.00 -1.1
KLB 63.96 242 iPd 43 39.50 -0.7
NWAO 64.34 241 eP 43 42.00 -0.6
DAV 64.46 286 eP 43 42.00 -1.5
RKG 64.48 239 iPd 43 43.80 0.3
MUN 65.26 242 eP 43 48.00 -0.5
1.0s 200.00nm 6.0mb
CGP 65.76 287 iPd 43 53.00 1.1
NAU 66.86 252 iPc 43 58.70 -0.2
0.5s 16.00nm 5.2mb
ADK 67.45 358 P 44 00.20 -1.7
1.6s 262 30nm 5.9mb
TSK 67.80 321 eP 44 03.60 -0.8
OYM 67.81 320 eP 44 01.20 -3.4X
SRY 67.92 320 eP 44 03.20 -2.0
DDR 68.22 320 eP 44 06.90 -0.3
MAT 69.18 320 iPc 44 11.90 -1.1
1.2s 79.69nm 5.5mb
Z 20s 0.53um 4.8Msz
eS 53 13.00
SYP 71.34 44 eP 44 45.00 18.6X
PRS 71.48 42 ePd 44 27.40 0.4
GCC 71.50 41 eP 44 27.10 0.1
PRI 71.83 43 ePd 44 29.50 0.3
BRK 71.85 40 eP 44 29.00 -0.1
BKS 71.87 41 eP 44 30.00 0.8
1.0s 52.00nm 5.4mb
MHC 71.91 41 eP 44 30.00 0.3
TRT 72.47 267 iPd 44 33.90 0.6
1.1s 153.60nm 5.8mb
BAG 72.48 293 eP 44 32.00 -1.4
1.2s 200.00nm 5.9mb
MWC 72.48 46 eP 44 33.00 -0.2
GAS 72.67 39 P 44 34.20 0.1
PLM 72.84 47 eP 44 35.00 -0.3
KKM 72.86 282 ePd 44 35.80 0.2
SBB 72.90 45 eP 44 35.00 -0.5
FRI 72.95 43 ePd 44 35.50 -0.1
JAS1 73.04 41 iPd 44 36.10 -0.1
e 45 02.80 104kmX
ORV 73.35 39 iPd 44 37.60 -0.3
WDC 73.35 38 iPd 44 38.00 0.1
i 45 02.50 94kmX
CLC 73.68 45 eP 44 40.00 0.0
MIN 73.77 39 eP 44 40.00 -0 5
TPC 73.82 47 eP 44 40.00 -0.8
GSC 73.94 45 eP 44 41.00 -0.5
GLA 74.13 48 eP 44 43 00 0 4
SPA 74.30 180 iPc 44 45.00 1 8
1.0s 144.00nm 5.8mb
e 45 00 10 54kmX
MNA 74.78 42 iPd 44 46 60 0 2
i 45 16 30 117kmX
BMN 76.52 41 iP 44 56 00 -0.2
1.2s 30.24nm 5.1mb
EUR 76.78 42 iP 44 57 00 -0 8
0.7s 9.18nm 4.8mb
MSU 78.78 45 P 45 08.60 -0 2
RMU 78.89 46 iP 45 10.30 1.0
MDJ 79.28 322 eP 45 11 50 0 4
eS 55 00.00
PMR 79.53 12 P 45 11 10 -0.9
1.2s 68.18nm 5.4mb
PME 79.58 12 eP 45 11.40 -0 9
1 3s 94.30nm 5.5mb
TTA 79.66 8 eP 45 12 70 -0 1
NJ2 80.32 307 eP 45 17 00 0 1
PNT 80.40 32 eP 45 16 00 -1 0
1.1s 52 00nm 5.4mb

LTX 80.91 56 iP 45 22.00 1.8
1.0s 10.40nm 4.7mb
Z 22s 0.25um 4.5Msz
i 45 41.80 73km
ALO 81.13 50 eP 45 21.00 -0.4
1.3s 32.69nm 5.1mb
epP 45 43.00 82km
CN2 81.33 320 iPc 45 22.00 0.1
DL2 81.39 314 P 45 23.50 1.2
SNY 81.50 318 iPc 45 23.70 0.9
LHD 81.94 35 iPc 45 25.00 -0.2
eS 45 46.80
CLX 82.15 35 iPd 45 25.90 -0.5
eS 45 47.40
LDM 82.18 35 iPc 45 25.90 -0.5
eS 45 48.00
YKM 82.20 34 iPd 45 26.00 -0.6
eS 45 48.00
LRM 82.39 38 eP 45 27.00 -0.8
RXF 82.52 35 iPd 45 27.90 -0.3
iS 45 49.80
COL 82.80 11 iPc 45 28.50 -0.7
0.9s 110.50nm 5.8mb
FBA 82.80 11 eP 45 30.00 0.8
1.0s 259.20nm 6.1mb
IMA 82.97 8 eP 45 30.00 -0.2
WHN 83.23 304 eP 45 29.00 -3.1X
TIA 83.39 310 Pc 45 33.30 0.5
KGM 83.98 274 ePd 45 37.20 1.0
GOL 84.00 46 iP 45 36.00 -0.1
0.9s 11.36nm 4.9mb
e 45 58.00 82km
GLD 84.13 46 eP 45 37.00 0.3
1.3s 89.66nm 5.6mb
e 45 59.00 82km
SES 85.58 35 ePc 45 42.80 -0.7
1.0s 73.00nm 5.7mb
pP 46 05.00 82km
BJI 85.67 314 Pc+ 45 45.00 0.9
eSKS 56 15.00
eS 56 45.00
esS 56 48.00
EDM 85.88 32 ePc 45 43.70 -1.2
RSSD 86.82 42 eP 45 49.30 -0.6
1.5s 13.36nm 4.8mb
e 46 12.20 85km
IPM 86.89 276 ePd 45 52.80 2.2
1.0s 89.30nm 5.8mb
MAW 87.39 199 eP 45 53.00 1.0
TIY 87.43 310 Pc 45 54.00 1.2
GYA 88.14 298 Pc 45 57.80 1.3
INK 88.67 14 eP 45 56.00 -2.0
XAN 88.78 306 P 46 00.10 0.7
HHC 89.22 313 P 46 02.30 0.9
TUL 89.52 52 e(P) 46 02.80 0.1
1.0s 19.40nm 5.3mb
Z 18s 0.44um 4.9Msz
BHO 89.72 54 e(P) 46 03.30 -0 4
LOE 89.81 288 eP 46 05.60 1 2
RLO 90.19 52 e(P) 46 05.20 -0 7
BTO 90.23 312 iPc 46 07.00 1 0
YKA 90.50 23 eP 46 06.90 0.3
YKC 90.54 23 iPd 46 06.30 -0.5
1.4s 57.00nm 5.6mb
NST 90.79 286 iPc 46 10.60 1.7
KMI 91.11 296 Pc+ 46 12.00 1.4
CD2 91.93 301 P 46 15.60 1.6
CHG 92.74 289 iPc 46 19.00 1.1
1.0s 50.00nm 5.9mb
eS 51 08.00
CHTO 92.74 289 iP 46 19.20 1.3
1.0s 73.75nm 6.0mb
POW 93.14 53 P 46 19.00 -0.4
LZH 93.38 306 Pc 46 21.50 0.8
1.5s 73.00nm 5.9mb
MBC 97.34 11 eP 46 37.00 -0.7
GTA 97.35 309 iPd 46 44.00 5.3X
LHC 97.89 42 eP 46 34.00 -6 7X
QUE 123.12 296 ePKP 52 03.00 0.5
KEV 124.58 351 iPKP 52 04.00 0 1
SOD 126.82 350 iPKP 52 07.80 -0 5
KJF 129.50 348 iPKP 52 12.80 -0.7
SUF 131.14 348 iPKP 52 16.00 -0.6
0.7s 10.00nm
NUR 133.45 348 iPKP 52 20.50 -0 6
0.8s 32.30nm
NB2 134.69 357 PKP 52 22.80 -0 7

27d 00h

	1.1s 16.80nm					
HFS	135.42 355 ePKP	52	13.60	-11.3X		
	0 7s 2.10nm					
IPS	136.18 305 (PKP)	52	27.00	-0.3		
MTC	139.25 218 ePKP	52	26.00	-7.4X		
	pP	52	36.00			
	i	53	05.00			
WTS	143.89 360 ePKP	52	38.00	-2.4X		
	1 0s 50.00nm					
KPA	144.13 345 ePKP	52	38.00	-2.9X		
	i	52	44.10			
CLL	144.19 353 iPKPc	52	37.20	-3.7X		
	1 1s 43.00nm					
	e	52	54.00			
ARO	144.46 268 iPKP+	52	42.20	-0.4		
SGH	144.64 268 ePKP+	52	43.00	0.1		
DAF	144.78 268 ePKP+	52	44.20	1.2		
KSU	144.84 268 ePKP+	52	44.00	0.8		
SPC	144.86 344 iPKPc	52	41.70	-0.7		
	1.6s 266.00nm					
	i	53	11.90			
HLD	144.87 268 ePKP+	52	44.20	1.1		
BNS	144.92 359 iPKPc	52	41.50	-0.7		
	1.3s 370.00nm					
MOX	145.00 354 iPKPc	52	41 00	-1.4		
	1.5s 253.00nm					
	i	53	09.00			
UCC	145.05 2 PKPc+	52	41.60	-0.8		
ENN	145.12 1 ePKPc	52	41.50	-1.0		
	1 2s 246.00nm					
	e	53	09.00			
MEM	145.28 1 PKPc	52	42.10	-0.7		
PRU	145 28 351 iPKPc	52	42 40	-0.5		
	1 3s 227.40nm					
	e	53	11 40			
HOF	145.30 354 iPKPc	52	42.30	-0.6		
	1.5s 379.00nm					
JOS	145.41 343 iPKPc	52	42.90	-0.2		
	1 2s 439.60nm					
CFR	145.49 333 iPKPd	52	43.50	0.2		
VRI	145.56 335 ePKP	52	44.00	0.5		
NAI	145.58 243 iPKPc	52	42.50	-2.3		
	2.0s 1764.71nm					
TNS	145.63 358 iPKPc	52	43.50	0.0		
DOU	145.76 2 PKPd+	52	44.30	0.6		
	e	53	14.00			
GRF	145.98 355 iPKPc	52	45.10	1.0		
	Z 20s 0.50um			5.3Msz		
TLB	146.01 332 iPKPc	52	45.00	0.8		
PSZ	146.11 344 iPKPd	52	44.20	-0.2		
	0.9s 22.00nm					
MLR	146.19 335 iPKPc	52	45.00	0.3		
WLF	146.22 0 PKP	52	43.80	-0.6		
	e	53	11.50			
ISP	146.23 334 iPKPc	52	46.00	1.3		
KMC	146.26 352 iPKPc	52	44.50	-0.1		
	1 2s 325.00nm					
	i	53	15 90			
WET	146.34 352 iPKPd	52	45 10	0.4		
ZST	146.53 347 ePKP	52	46 80	1 8		
	e	53	18.00			
SRO	146.62 345 ePKP	52	45 00	-0 1		
	e	53	16.00			
VKA	146.63 348 ePKPd	52	45.50	0.4		
	2.8s 919.00nm					
	i	52	47.00			
	i	53	15.80			
	i	53	25 90			
	e	55	00.00			
CMP	146.73 336 ePKPd	52	27.00	-18 4X		
GWF	146.90 359 iPKPc	52	47.20	1.6		
STU	147 04 357 e(PKP)	52	46.00	0.2		
	1 0s 120.00nm					
	Z 20s 1.42um			5 7Msz		
SOP	147 13 347 ePKPc	52	44.80	-1.2		
BUH	147.18 358 ePKP	52	45.70	-0.4		
KMR	147.22 351 iPKP+	52	49.00	2.9X		
	ipPKP	53	14.70			
FUR	147.48 354 ePKP	52	47.90	1.3		
	i	52	49.40			
AAE	147.81 262 ePKP	52	53.00	4.6X		
HAU	147.88 0 ePKP	52	47.00	-0.2		
GPA	147.99 324 ePKP	52	47.60	0.0		
BSF	148.06 360 ePKP	52	47.30	-0.3		
SLE	148 08 357 ePKP	52	47.90	0 4		
ISK	148.13 327 iPKP	52	50.60	2.8X		
BHL	148 15 310 PKP	52	48.00	-0.2		

KBA	148.30 351 ePKP	52	47.00	-1.1		
	0.9s 61.80nm					
	ic	52	50.10			
	i	52	54.70			
	i	53	07.30			
	i	53	18.30			
	i(PP)	56	22.30			
YLV	148.32 326 iPKPc	52	51.60	3.4X		
JMB	148.32 331 iPKPc	52	50.00	2.0		
ZUL	148.37 358 ePKP	52	48.50	0.5		
PVL	148.42 333 iPKPc	52	42.00	-6.1X		
GRC	148.47 4 iPKPc	52	48.30	0.2		
	i	52	51.90			
LOR	148.55 3 ePKP	52	48.50	0.2		
SSF	148.73 4 ePKP	52	48.70	0.1		
MFF	148.79 9 ePKP	52	48.90	0.3		
OGA	148.79 354 ePKP	52	48.70	-0.2		
	i	52	52.80			
LBF	148.83 3 ePKP	52	48.90	0.1		
ALT	148.94 323 iPKPd	52	49.60	0.3		
LLS	148.95 357 ePKP	52	49.90	0.7		
AVF	148.99 4 ePKP	52	48.90	0.0		
OSS	149.05 355 ePKP	52	49.30	0.0		
KCT	149.09 326 iPKP	52	53.10	3.7X		
LJU	149.10 349 ePKP	52	48.80	-0.4		
	i	52	53.30			
DIM	149.11 332 iPKPd	52	54.00	4.7X		
SMF	149.17 4 ePKP	52	49.50	0.2		
BGF	149.18 5 ePKP	52	49.40	0.1		
VOY	149.23 350 iPKP	52	48.80	-0.7		
	i	52	52.60			
EDC	149.28 327 ePKP	52	50.80	1.2		
VDL	149.30 356 ePKP	52	50.40	0.7		
CSS	149.31 313 ePKP	52	54.50	4.7X		
LSF	149.36 7 ePKP	52	49.40	-0.2		
TCF	149.39 6 ePKP	52	49.70	0.1		
DST	149.40 325 ePKP	52	49.80	-0.1		
KGT	149.50 328 iPKPc	52	54.70	4.8X		
MZF	149.50 5 ePKP	52	50.10	0.3		
CTI	149.53 353 iPKPc	52	54.50	4.5X		
TRI	149.56 350 iPKPd	52	53.50	3.7X		
	e	53	16.50			
VTS	149.69 335 iPKPc	52	55.00	4.9X		
DIX	149.80 359 ePKP	52	51.00	0.4		
MMK	149.81 358 ePKP	52	51.80	1.2		
EMS	149.82 359 ePKP	52	51.10	0.6		
PLDF	149.82 4 ePKP	52	51.20	0.9		
	ic	52	55.50			
PYM	150.00 5 ePKP	52	51.30	0.7		
	ic	52	55.90			
SAL	150.09 354 iPKPc	52	55.50	4.9X		
ORO	150.24 358 iPKPd	52	56.00	5.0X		
RJF	150.29 7 ePKP	52	51.40	0.4		
MMB	150.30 333 iPKPd	52	51.00	-0.2		
EZN	150.46 328 iPKPc	52	56.30	4.9X		
ELL	150.55 320 ePKP	52	53.80	2.0		
LFF	150.55 8 ePKP	52	51.80	0.5		
CAF	150 72 6 ePKP	52	52.30	0 6		
SRS	150.75 333 iPKPc	52	56.10	4.3X		
LPO	150.86 8 ePKP	52	52 40	0.6		
SKO	150.91 337 iPKPc	52	57.80	5.8X		
	1.3s 160.00nm					
IZM	151.00 325 ePKP	52	55.10	2.8X		
KNT	151.01 334 ePKP	52	57.60	5.4X		
VAY	151.02 335 iPKP	52	57.80	5.6X		
SOH	151.09 333 ePKPc	52	57.30	4.9X		
YER	151.29 322 iPKPc	52	58.80	6.0X		
GRG	151.39 334 ePKPc	52	58.30	5.5X		
PAIG	151.67 331 ePKPc	52	58.60	5.4X		
FIR	151.82 353 iPKPd	52	59.50	6.2X		
OHR	151.90 337 ePKP	52	53.10	-0.5		
	i	53	00.10			
LIT	152.06 333 ePKPc	52	59.90	6.1X		
LGR	152.33 14 iPKP	53	02.00	7.9X		
EPF	152.35 10 ePKP	52	54.70	0.5		
LRG	152.44 0 ePKP	52	54.80	0.6		
MTE	152.61 24 iPKPd	53	01.90	7.3X		
AQU	152.88 349 ePKP	53	02.00	7.1X		
MNS	152.97 350 ePKP	52	55.50	0.6		
DUI	153.33 347 ePKP	53	03.50	8.1X		
SGO	154.17 344 ePKP	52	58 80	2.2		
TOL	154.30 19 ePKP	52	58.00	1.1		
	i	53	20.00			
	ePP	56	48 00			
EBR	154.53 11 ePKP	53	07.00	9.9X		
ALI	156.70 14 ePKP	53	02 00	1.9		
KIC	165.53 129 ePKP	53	09.90	0.0		

S.D. = 0.9 on 224 of 273 obs.

APR 27, 1985 01h 31m 27.58± 0.11s
38.599 N ± 2.9km 73.173 E ± 1.9km
DEPTH = 104.0km (28 depth phases)
5.5mb (71 obs.)
TAJIK-XINJIANG BORDER REGION (719)
Felt (IV) at Dzhirgatal and Sufi-Kurgan, and (III) at Andizhan, Dushanbe, Fergana, Garm and Tashkent.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 20C
Centroid Location:
Origin Time 01:31:31.9 0.7
Lat 38.35N 0.08 Lon 72.96E 0.06
Dep 117.2 2.6 Half-duration 2.1
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.68 0.10 Mtt=-1.47 0.15
Mff= 0.79 0.13 Mrt=-0.33 0.11
Mrf=-0.94 0.10 Mtf=-2.10 0.16
Principal Axes:
T Vol= 2.32 Plg=23 Azm= 63
N 0.58 64 211
P -2.90 12 328
Best Double Couple:Mo=2.6*10**24
NP1:Strike=103 Dip=65 Slip= 172
NP2: 197 83 25

KSM	2.35 68 iPc	32	05.50	0.0		
QUE	9.84 213 iPc	33	45.00	-2.8		
	eS	35	28.00			
NDI	10.45 160 iP	33	52.00	-3.8X		
	iS	34	39.50			
MHI	11.11 262 iPc	33	59.20	-5.6X		
	0.6s 133.33nm			5.9mb		
	eS	35	52.00			
WMQ	12.11 60 iPc	34	14.00	-3 9X		
	S	36	28.00			
AJM	12.33 175 iP	34	15.00	-5.6X		
	iS	36	12.00			
KHI	12.53 254 iP+	34	18.80	-4.6X		
KKN	14.78 133 iPc	34	46.60	-6.1X		
DMN	14.82 134 iPc	34	47.60	-5.6X		
PKI	15.02 133 iPc	34	49.90	-5.9X		
VAR	15.66 145 eP	34	58.00	-5.5X		
	iS	37	42.00			
LSA	17.30 115 Pc	35	24.20	-0.2		
	S	38	28.30			
BOK	18.23 140 eP	35	32.00	-3.2X		
	eS	38	41.00			
IR5	18.37 266 eP	35	36.40	-0.7		
SHI	19.25 249 eP	35	47.00	0.4		
BOM	19.64 181 eP	35	51.00	0.6		
	eS	39	17.00			
POO	20.00 178 iP	35	56.00	1.7		
	iS	39	35.00			
SHL	20.45 124 iP	35	58.00	-0.9		
	iS	39	34.00			
CAL	20.63 137 iP	36	08.00	7.5X		
	iS	39	47.00			
GTA	20.70 79 iPc	36	02.00	0.7		
	pP	36	27.20	134kmX		
	S	39	46.80			
TAB	21.04 277 eP	36	06.00	1.2		
KAD	21.23 177 iP	36	07.00	0.3		
	iS	39	40.00			
HYB	21.62 166 eP	36	11.40	0.8		
	0.8s 115.40nm			5.3mb		
	e	37	40.50			
	eS	39	55.00			
MSL	23.88 274 ePc	36	34.00	1.6		
	e	40	45.00			
LZH	24.46 86 iPc	36	39.00	0.8		
	2.5s 527.00nm			5.5mb		
	pP	37	02.00	107km		
	sP	37	09.00			
	eS	40	50.00			
GBA	25.18 170 P	36	45.10	0.3		
	S	40	37.10			
CD2	26.19 98 P	36	55.30	1.2		
	ePPP	37	49.00			
	S	41	20.00			
BTO	28 33 74 iPc	37	14 00	0.5		
	pP	37	41.00	126kmX		
	PP	38	04.00			

27d 01h

			S	41	50.00		PSZ	39.21	301	iPd	38	47.40	0.5	AQU	44.81	295	eP	39	32.50	-0.1
KMI	28.34	110	eP	37	13.00	-0.9		0.9s	22.00nm			5.0mb		FUR	44.88	303	iPd	39	33.80	0.8
XAN	29 04	88	Pc	37	19.40	-0.5	KEV	39.53	337	iP	38	49.00	-0.2		1.1s	185.00nm			5.8mb	
HHC	29.46	73	Pc	37	23.60	0.0		0.8s	60.10nm			5.5mb		MUD	44.97	315	iPd	39	33.70	0.1
			sP	38	07.00					ePP	40	15.00			1.2s	120.00nm			5.6mb	
			S	42	04.00					eS	44	46.00					i	41	27.00	664kmX
CHG	29.82	124	eP	37	25.50	-1.4	SSE	39.74	86	iPc+	38	52.00	0.6	CTI	45.09	300	iPd	39	34.50	-0.3
BHL	30.48	273	P	37	34.00	1.4		1.1s	113.00nm			5.6mb		MNS	45.31	295	iPd	39	36.80	0.3
GYA	30.56	103	P	37	33.00	-0.4	N	12s	0.54um					OGA	45.32	301	iPd	39	36.30	-0.5
			S	42	29.00					pP	39	19.00	119kmX		1.0s	53.00nm			5.3mb	
TIY	30.73	79	iPc	37	34.50	-0.3				PPP	41	06.00		KGM	45.66	135	ePd	39	40.00	0.5
			S	42	24.50					S	44	50.00		GIB	45.72	289	eP	39	39.20	-0.7
			SS	44	14.00					sS	45	30.00		FIR	45.93	297	iPd	39	42.00	0.7
LOE	32.66	122	eP	37	50.00	-1.8	OHR	39.79	291	eP	38	50.60	-1.2	OSS	45.95	301	eP	39	41.40	-0.3
NST	32.90	126	eP	37	53.80	0.0	SRO	40.28	302	iP	38	56.90	1.3	SAL	45.96	300	iPd	39	42.00	0.5
GPA	32.91	287	iP	37	53.70	0.0				e(PcP)	40	36.00		ODD	46.05	320	iP	39	42.40	0.3
8JI	33.06	74	Pc+	37	55.50	0.5				e(SS)	48	20.00		STU	46.11	304	iP	39	43.00	0.3
			PP	39	10.00		UPP	40.53	320	iPd	38	56.80	-0.7		0.9s	58.82nm			5.4mb	
			eS	43	10.00					i	40	26.00	479kmX	PPI	46.22	141	eP	39	45.00	1.1
			sS	43	52.00		ZST	41.03	302	iP	39	02.70	0.9	TNS	46.28	307	ePd	39	44.40	0.2
ALT	33.32	285	eP	37	56.60	-0.8				e	40	36.60	513kmX	SAX	46.35	302	eP	39	44.80	-0.2
YLV	33.56	287	iPd	37	59.60	0.2	SOP	41.47	302	iPd	39	05.90	0.5	VDL	46.45	301	eP	39	45.30	-0.4
ISK	33.70	288	iP	37	59.60	-0.9		1.1s	140.40nm			5.7mb		LLS	46.67	302	eP	39	46.70	-0.7
TLB	33.94	295	iPd	38	03.00	0.5	VKA	41.54	302	iPd	39	06.80	0.8	BER	46.69	321	iP	39	46.80	-0.3
ELL	34.06	281	iP	38	03.80	-0.1		1.0s	82.10nm			5.5mb		ASK	46.74	321	iP	39	47.40	-0.1
DST	34.32	286	iPd	38	06.80	0.9				e	40	38.00	491kmX	BUH	46.75	304	iPd	39	47.90	0.6
WHN	34.62	91	Pc	38	09.40	0.9	MDJ	41.89	63	eP	39	08.20	-0.7	SLE	46.79	303	eP	39	47.70	-0.5
			PP	39	34.00		TRO	42.07	335	iP	39	09.80	-0.2	BAG	46.89	105	eP	39	49.00	-0.4
			iS	43	36.00		IPM	42.28	136	ePd	39	13.00	0.7	WIT	46.89	310	eP	39	49.00	0.2
			ScP	44	12.00					e	39	36.80	101km				e	41	39.00	620kmX
			sS	44	16.00		PRU	42.45	305	iPd	39	14.30	0.9	BNS	46.93	308	eP	39	49.50	0.3
EDC	34.73	288	iP	38	09.60	0.2		1.2s	82.50nm			5.4mb		WTS	46.96	309	eP	39	49.80	0.5
VRI	34 74	297	eP	38	08.00	-1.4	Z	16s	0.70um			4.6MszX			1.0s	79.00nm			5.5mb	
TIA	34.75	80	Pc	38	10.10	0.5				e	39	38.00	101km				e	40	18.00	122kmX
			PP	39	37.00					PP	40	58.00					e	41	39.00	
			eS	43	33.50					eS	45	30.00		GWF	47.07	305	iPd	39	50.30	-0.1
			eSS	45	54.00		HFS	42.52	320	iPd	39	13.10	-0.7	SHK	47.24	76	ePc	39	51.60	-0.3
DOC	34.78	299	eP	38	10.50	0.8		0.4s	82.80nm			5.9mb		CDF	47.43	304	iPd	39	53.00	-0.3
ISR	34.94	296	iP	38	16.00	4.9X	BRL	42.95	309	iPd	39	18.50	1.2		1.0s	44.00nm			5.2mb	
KGT	35.13	288	iPd	38	13.10	0.4	BRN	43.00	309	iPd	39	18.50	0.7				pP	40	17.50	103km
YSR	35.20	282	eP	38	12.80	-0.7	KMR	43.02	303	iP-	39	19.20	1.2	MMK	47.57	301	eP	39	54.40	-0.2
CMP	35.98	296	iPc	38	01.00	-18.9X				iPP	40	58.00		ORO	47.68	301	eP	39	53.50	-1.7
EZN	36.00	287	iPd	38	20.40	0.4	COP	43.20	314	iP	39	20.20	0.8	MEM	47.73	307	Pd	39	55.70	0.3
DIM	36.08	291	iP	38	22.00	1.3				iS	45	45.00					pP	40	20.60	105km
PVL	36.19	293	iPd	38	22.00	0.4	KHC	43.20	304	iPd	39	20.40	0.8				PP	41	49.00	
KDZ	36.33	290	iP	38	24.00	1.2		1.1s	150.00nm			5.7mb		ENN	47.75	308	iPd	39	55.60	0.0
PLD	36 71	291	eP	38	27.00	1.0				i	39	44 50	103km		1.0s	34.00nm			5.1mb	
BMR	36.81	301	ePd	38	29.00	2.2X				e	40	58.50					e	40	20.00	103km
KJF	36.95	329	iP	38	27.50	-0.2	CLL	43.25	307	iPd	39	19 90	0.0				e	41	47.50	
	1.3s	302.70nm				6.1mb		1.5s	160 00nm			5.6mb		WLF	47.85	306	Pd	39	56 70	0.4
			iPP	39	45.20		ORI	43.26	291	e(P)	39	21.00	0.9				pP	40	21.50	105km
			eS	44	12.00		VOY	43.57	300	eP	39	22.50	-0.1				PP	41	50.30	
NUR	37 18	322	iP	38	29.00	-0.7				i	39	33 80	40kmX				e	51	10.00	
	0 8s	77.70nm				5.7mb				i	39	46.70		BSF	47.88	304	iPd	39	56.50	-0.3
	Z 24s	0.90um				4.5MszX	WET	43.65	304	iPd	39	23.70	0.5		1.1s	158.20nm			5.7mb	
			iPP	39	53.00			1.2s	115.00nm			5.6mb		DIX	47.93	301	eP	39	57.10	-0 3
			eS	44	12.00		K8A	43.72	301	iPd	39	24.00	0.0	CVF	47.95	296	iPd	39	57.10	-0.2
			LR	53	50.00			1.2s	60.40nm			5.3mb			1.1s	55.90nm			5.3mb	
QIZ	37.26	111	eP	38	31.20	0.4				i	39	26.50		HAU	48.13	304	iPd	39	58.30	-0.3
DL2	37 43	74	Pc	38	32.60	0.5				i(pP)	39	49.20	108km		1.3s	137.10nm			5.6mb	
MMB	37 53	291	iPd	38	34.00	1.0				i	40	17.70		EMS	48.26	301	eP	39	59.50	-0.3
NJ2	37.53	86	iPc	38	34.00	1.0				i	41	07.90		UCC	48.71	308	Pc+	40	03.40	0.5
			S	44	16.00		TRI	43.72	299	iPd	39	24.00	0.2	DOU	48.73	307	Pd	40	03.40	0.3
VTS	37.71	292	iPd	38	36.00	1.6				ipP	39	48.50	105km				PcP	41	25.50	
SRS	37.73	290	iPnd	38	35.30	0.7				iPP	41	06.00					S	47	01.00	
PAIG	37.95	288	ePnd	38	37.00	0.6				iS	45	48.00					sS	47	45 00	
JOH	37.98	290	ePn	38	37.40	0.7				isS	46	30.00					e	51	22.00	
SNY	38 18	69	Pc	38	38.00	-0.4				iSS	49	06.00		FRF	49.19	298	iPd	40	06.70	-0.1
			S	44	20.00					isSS	49	42.00			1.1s	97.60nm			5.6mb	
			sS	45	04.00					e	51	48.00					pP	40	31.40	104km
PNT	38.23	290	iPnd	38	39.30	0.5	NB2	43.78	322	P	39	23.00	-1.1	LRG	49.42	298	iPd	40	08.70	0.2
THE	38.31	289	ePnd	38	39.40	0.0		0.5s	28.90nm			5.3mb			1.3s	105.20nm			5.6mb	
VAY	38.44	291	iP	38	41.20	0.7	BHG	43.91	302	iPd	39	25.60	0.3	LOR	49.95	304	iPd	40	11.70	-0 9
SOD	38.61	333	iP	38	41.30	-0.3		1.3s	127.00nm			5.6mb			1.0s	46.80nm			5.4mb	
			e	40	40.00		SGO	43.95	292	iPd	39	26.80	1.2	L8F	49.96	303	iPd	40	11.70	-0 9
GRG	38.65	290	ePn	38	42.30	0.0	HOF	44.10	306	iPd	39	27.00	0.2		1.1s	57 40nm			5 5mb	
JOS	38.72	302	iPd	38	43.60	0.8		1.2s	82.00nm			5.4mb,		SMF	50.14	303	iPd	40	13.80	-0 2
	1.1s	52 80nm				5.3mb	MOX	44 22	307	iPd	39	28.50	0.8	SSF	50.24	303	iPd	40	14.10	-0.6
SPC	38.85	303	iPd	38	45.30	1.2		1.7s	240.00nm			5.7mb			1.2s	101 10nm			5.7mb	
			i	39	10.80	111km	Z	12s	0.60um			4.7MszX					pP	40	38.80	103km
			i	40	15.10		N	18s	1.00um					AVF	50.42	303	iPd	40	15.90	-0.2
KRA	38.98	305	iPd	38	45.40	0.5				i	39	52 00	100km				pP	40	40.60	103km
	1.1s	281.00nm				6.0mb	DUI	44.25	293	iP	39	29 00	1.0	GRC	50.45	304	iPd	40	15.80	-0.5
			i	38	51.40	20kmX	KONO	44.58	320	iP	39	30 00	-0.5				i	40	40.20	102km
			i	38	55.90		GRF	44.62	305	iPd	39	32 10	1.1	PLDF	50.49	302	iPd	40	16.50	-0.3
SKO	39 12	292	iPd	38	47.00	0.8		1.2s	223.00nm			5 9mb		MAT	50.61	71	iPc	40	16.60	-1 1
CN2	39.13	65	iPc	38	45.60	-0.7				e	39	56 30	103km		0.9s	71 43nm			5.7mb	

eS 47 26.00
KKM 50.62 119 ePd 40 18.90 0.9
BGF 50.82 303 iPd 40 18.50 -0.7
1.0s 54.60nm 5.5mb
PYM 50.97 302 iPd 40 20.40 0.0
MZF 51.10 303 iPd 40 21.30 0.0
pP 40 46.00 103km
TCF 51.33 303 iPd 40 22.80 -0.2
pP 40 47.60 103km
LSF 51.79 303 iPd 40 25.60 -0.9
1.1s 74.60nm 5.6mb
CAF 51.87 301 iPd 40 27.10 0.0
1.1s 73.20nm 5.6mb
pP 40 51.90 103km
NAI 51.90 229 iPc 40 27.00 -0.9
1.0s 25.00nm 5.2mb
EKA 52.00 315 Pd 40 26.80 -1.1
1.3s 61.30nm 5.4mb
RJF 52.11 302 iPd 40 29.00 0.1
1.3s 101.00nm 5.7mb
LDF 52.11 306 iPd 40 28.30 -0.6
1.0s 128.00nm 5.9mb
FLN 52.28 307 iPd 40 29.20 -1.0
1.1s 75.20nm 5.6mb
LPC 52.54 301 iPd 40 31.90 -0.2
1.3s 75.00nm 5.5mb
GRR 52.64 306 iPd 40 31.90 -0.9
1.0s 136.10nm 5.9mb
pP 40 56.40 101km
LFF 52.75 302 iPd 40 33.70 0.1
1.1s 85.90nm 5.7mb
pP 40 58.40 102km
MFF 52.77 304 iPd 40 32.90 -0.8
1.1s 83.00nm 5.7mb
LPF 52.87 306 iPd 40 33.50 -1.0
0.9s 30.30nm 5.3mb
DAG 53.24 343 iPc 40 35.70 -1.1
0.6s 22.00nm 5.3mb
i 41 01.00 105km
EPF 53.70 300 iPd 40 39.30 -1.4
1.2s 27.90nm 5.2mb
EBR 54.44 297 eP 40 46.00 -0.1
DLE 54.49 313 eP 40 44.90 -1.4
1.1s 114.00nm 5.8mb
DMU 54.50 314 eP 40 45.50 -0.9
1.0s 72.00nm 5.6mb
ECP 54.75 312 iPc 40 46.60 -1.6
1.0s 110.00nm 5.8mb
DCN 54.89 314 eP 40 48.20 -1.0
1.0s 56.00nm 5.5mb
ECB 54.93 312 eP 40 47.50 -2.0
1.2s 170.00nm 5.9mb
LGR 55.85 300 iP 40 57.00 0.7
i 41 22.00 102km
AKU 56.06 330 iP 40 58.50 1.1
1.1s 50.63nm 5.5mb
VAL 57.08 313 iP 41 04.10 -0.7
ALE 57.17 354 ePd 41 02.90 -2.3
0.9s 18.00nm 5.1mb
TOL 57.98 298 iPd 41 11.00 -0.4
i 41 37.00 106km
eS 49 05.00
CFT 58.86 295 iP 41 16.30 -1.3
TAF 59.10 292 iP 41 20.00 0.7
i 41 46.00 106km
MTE 60.15 300 eP 41 26.50 0.1
AVE 63.46 293 iP 41 47.80 -0.7
i 41 53.50 18kmX
BRW 64.82 16 eP 41 57.00 0.2
MBC 65.16 3 iPd 41 58.70 -0.2
0.7s 147.00nm 6.0mb
pP 42 39.00 170kmX
GDH 65.57 342 iPd 42 01.00 -0.6
0.9s 15.13nm 4.9mb
e 44 25.00 777kmX
TET 65.89 222 eP 42 03.00 -1.2
e 42 39.00 150kmX
MTD 67.47 224 iPc 42 13.00 -1.4
ipP 42 48.00 144kmX
IMA 69.60 19 eP 42 26.20 -0.8
TTA 71.45 21 eP 42 38.40 0.2
INK 71.57 10 ePd 42 37.30 -1.3
0.8s 47.00nm 5.4mb
BUL 71.83 224 iPc 42 40.00 -1.0
ipP 43 15.00 142kmX
COL 71.97 17 iP 42 41.20 0.1
0.8s 35.82nm 5.2mb
FBA 71.97 17 eP 42 41.00 -0.1
NAU 72.62 139 eP 42 46.00 0.6
FRB 73.57 343 ePd 42 49.60 -0.8
MBL 73.80 135 iPd 42 52.30 0.0
PME 74.42 19 eP 42 55.00 -0.4
1.0s 12.50nm 4.7mb
KIC 76.62 267 eP 43 08.50 -0.1
e 43 36.80 110km
KDC 76.66 23 eP 43 08.80 0.7
MEK 77.53 139 eP 43 04.00 -9.3X
BFS 78.28 221 e(P) 43 16.90 -0.7
PNL 78.45 16 eP 43 19.00 1.0
YKA 79.06 4 eP 43 21.90 0.7
YKC 79.08 4 iPd 43 21.50 0.2
1.3s 96.00nm 5.5mb
SWZ 79.27 222 eP 43 21.50 -1.5
WIN 80.37 231 eP 43 28.00 -1.1
SCH 80.82 338 ePd 43 31.00 0.2
MUN 80.83 144 eP 43 31.00 0.0
KLB 81.24 143 eP 43 33.50 0.4
WRA 81.67 124 Pc 43 35.50 -0.1
0.8s 23.50nm 5.1mb
NWAO 82.10 144 eP 43 38.00 0.4
RKG 82.95 145 iPc 43 45.10 3.2X
ASPA 84.07 126 eP 43 48.00 0.1
FFC 86.95 357 iPc 44 02.60 0.9
1.2s 50.00nm 5.4mb
CER 87.33 223 eP 44 18.00 14.3X
EDM 88.38 4 iPd 44 09.20 0.5
0.8s 45.00nm 5.6mb
SES 91.31 3 ePd 44 23.00 0.6
pP 44 51.00 105km
PNT 91.73 8 iPc 44 25.70 1.3
0.9s 27.00nm 5.5mb
ARE 142.03 296 ePKP 50 51.00 1.2
TCA 144.88 269 ePKPd 50 52.70 -1.3
VBA 145.08 257 ePKPd 50 54.20 0.2
S.D. = 0.8 on 221 of 238 obs.

APR 27, 1985 01h 35m 33.54± 0.81s
31.728 S ± 8.8km 67.921 W ± 6.3km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.30 294 ePd 35 40.00 0.2
S 35 43.60
RTCV 0.54 256 iPd 35 44.30 -0.2
RTLL 0.61 310 iPc 35 45.50 -0.5
S 35 54.60
RTCB 0.79 288 eP 35 49.30 0.4
MDZ 1.39 214 eP 36 03.50 4.4X
iS 36 21.70
TCA 2.87 83 ePc 36 20.30 0.0
S 37 55.20
RFA 3.07 188 ePd 36 23.00 0.0
S 37 10.30
S.D. = 0.4 on 6 of 7 obs.

% APR 27, 1985 01h 48m 50.90± 2.32s
40.751 N ±17.0km 30.038 E ±16.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA 0.51 156 iPg 49 00.60 -0.6
iSg 49 08.00
YLV 0.54 250 iPg 49 00.60 -1.2
iSg 49 11.10
ISK 0.81 293 iPn 49 06.60 0.1
CTT 1.28 289 iPn 49 14.60 -0.1
DST 1.57 224 iPn 49 20.70 1.7
S.D. = 1.6 on 5 of 5 obs.

APR 27, 1985 01h 52m 13.17± 0.46s
43.160 N ± 4.2km 18.853 E ± 4.3km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.1 (TTG).

BRY 0.34 221 iPgd 52 19.50 -0.8
iSg 52 25.00
PLE 0.43 67 iPgd 52 21.90 -0.1
iSg 52 27.50
HCY 0.76 200 ePg 52 28.00 0.0
eSg 52 40.00
TTG 0.79 157 iPg 52 27.50 -1.0
iSg 52 40.00
IVA 0.82 110 ePg 52 29.50 0.4
eSg 52 44.50
BDV 0.88 181 ePg 52 29.60 -0.4
eSg 52 44.40
ULC 1.23 166 ePg 52 37.00 0.9
eSg 52 58.10
SKO 2.25 121 ePn 52 57.00 6.0X
OHR 2.51 144 ePn 52 59.40 4.7X
BRT 2.59 209 e(Pn) 53 25.50 29.7X
VAY 3.32 122 ePn 53 16.00 9.9X
DUI 3.58 247 e(Pn) 53 11.00 1.1
eSn 54 02.00
SGO 3.71 227 ePn 53 12.20 0.5
CEY 4.09 311 e(Pn) 53 31.20 14.2X
e(Sn) 54 28.20
LJU 4.22 315 e(Pn) 53 18.30 -0.7
e(Sn) 54 36.20
TRI 4.45 307 eP 53 39.00 16.9X
e 54 36.70
VOY 4.56 311 ePn 53 23.30 -0.6
e(Pb) 53 39.00
iSn 54 24.60
MNS 4.61 262 ePn 53 24.50 0.0
eSn 54 20.00
KBA 5.53 317 i(Pn) 53 38.50 0.9
i(Sn) 55 12.30
CTI 5.90 302 ePn 53 42.50 -0.3
S.D. = 0.7 on 14 of 20 obs.

• APR 27, 1985 03h 52m 03.51± 0.86s
24.276 S ±14.8km 67.239 W ±11.7km
DEPTH = 206.9 ± 12.8 km
4.1mb (1 obs.)
CHILE-ARGENTINA BORDER REGION (127)

SLA 1.65 106 iPc 52 39.70 0.0
S 53 04.80
FSA 2.12 149 iPd 52 44.00 0.0
ANT 2.96 280 iPc 52 53.50 0.1
iS 53 27.50
TCA 7.42 162 iPd 53 50.00 -0.1
VAO 18.62 90 eP 56 08.40 0.5
i 56 10.20
e 56 10.80
BAO 20.01 68 P 56 21.80 -0.4
ALQ 69.65 326 eP 02 57.50 4.9X
1.0s 4.25nm 4.1mb
YKA 94.31 340 eP 05 06.10 6.3X
S.D. = 0.5 on 6 of 8 obs.

& APR 27, 1985 04h 00m 52.15s
60.255 N 152.679 W
DEPTH = 103.4km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM 0.10 223 iP 01 06.35 1.2
iS 01 17.63
RDT 0.35 23 iP 01 07.32 -0.4
NKA 0.87 55 eP 01 12.82 1.2
SPU 0.98 18 eP 01 12.42 -0.5
iS 01 27.85
BRLK 1.03 118 iP 01 12.32 -1.1
iS 01 28.58
CRP 1.05 14 eP 01 13.40 -0.4
eS 01 29.67
SLKM 1.25 77 eP 01 15.00 -0.9
SUA 1.54 37 eP 01 19.30 -0.3
SEW 1.62 94 eP 01 18.65 -1.8
eS 01 40.03
MPA 1.67 80 eP 01 19.85 -1.2
eS 01 40.53
SVW 1.68 302 eP 01 20.33 -1.0
eS 01 41.93
PMS 1.83 56 iP 01 22.35 -0.8
eS 01 44.82
PTE 1.91 70 eP 01 22.32 -1.8
PWA 1.96 43 eP 01 24.80 0.0
KNK 2.37 59 eP 01 28.10 -2.2
GHO 2.38 49 eP 01 28.50 -1.9
MSE 2.41 47 eP 01 28.50 -2.3
KDC 2.52 178 eP 01 29.88 -2.3
SML 2.63 52 eP 01 31.42 -2.3
TOA 3.66 57 eP 01 45.68 -2.1
COL 5.18 24 eP 02 06.00 -2.6
21 obs. associated

• APR 27, 1985 04h 07m 32.62± 1.00s

31.184 S ± 7.4km 68.487 W ±14.3km
DEPTH = 128.0 ± 13.9 km
SAN JUAN PROVINCE, ARGENTINA (137)

ZON	0.40	204	iPd	07	51.10	-0.1
			eS	08	03.00	
RTCB	0.40	221	iPd	07	51.00	-0.3
CFA	0.47	153	iPd	07	50.80	-0.8
			S	08	04.20	
RTCV	0.68	184	iPc	07	52.70	-0.2
MDZ	1.72	190	iPc	08	05.80	2.2
			iS	08	26.20	
TCA	3.34	94	iPd	08	24.50	0.1
			S	09	01.20	
RFA	3.58	180	iPc	08	27.70	0.1
CYA	3.60	41	iPc	08	27.50	-0.3
FSA	5.53	24	iPc	08	55.00	1.2
SLA	6.95	23	ePc	09	14.60	1.1
ANT	7.64	347	eP	09	21.00	-1.6
VBA	8.70	144	ePd	09	35.50	-1.4
ARE	14.91	349	eP	11	02.00	3.6X

S.D. = 1.3 on 12 of 13 obs.

APR 27, 1985 04h 14m 27.44± 0.22s
40.722 N ± 4.8km 71.179 E ± 4.1km
DEPTH = 33.0km (normal)
5.0mb (47 obs.) 4.2Msz (2 obs.)
TAJIK SSR (715)
Felt (VI) at Pap and (IV) at Andizhan and Namangan.

QUE	11.06	199	eP	17	06.00	-0.6
KHI	11.93	241	eP	17	15.80	-2.5
WMQ	12.62	70	eP	17	28.50	1.0
IR5	17.14	258	eP	18	27.00	0.9
KKN	17.36	134	eP	18	26.30	-2.6
DMN	17.40	134	eP	18	27.40	-2.2
	0.6s	34.00nm			4.7mb	
PKI	17.60	134	eP	18	29.50	-2.6
	0.8s	43.00nm			4.6mb	
TAP	19.37	270	eP	18	54.00	0.5
LSA	19.63	118	P	19	02.00	5.3X
GTA	21.92	84	P	19	21.00	1.3
POO	22.23	173	iPd	19	25.00	2.1
	0.9s	63.03nm			5.1mb	
SHL	22.92	125	eP	19	31.30	1.6
			iS	21	20.00	
HYB	24.08	163	ePc	19	42.00	1.1
	0.9s	22.50nm			4.7mb	
			i	22	43.50	
			eS	24	08.00	
LZH	25.93	90	eP	20	00.50	2.0X
	1.5s	96.00nm			5.2mb	
			eS	25	34.00	
GBA	27.56	167	P	20	13.80	0.5
			e	22	50.70	
			S	25	43.80	
CD2	28.04	100	P	20	19.60	2.0
XAN	30.55	90	Pc	20	25.20	-14.9X
TIY	31.90	82	eP	20	41.40	-10.5X
MLR	33.03	294	eP	21	03.00	1.2
BJI	34.00	76	eP	20	51.50	-18.5X
KJF	34.34	328	iP	21	12.40	-0.3
	0.8s	22.00nm			5.1mb	
NUR	34.57	321	iP	21	14.00	-0.7
	0.7s	26.70nm			5.3mb	
	Z 18s	0.30um			4.1Msz	
			LR	36	10.00	
SOD	36.02	333	iP	21	26.60	-0.4
VAY	36.29	287	eP	21	30.60	1.0
SPC	36.42	301	eP	21	32.40	1.6
KRA	36.53	302	eP	21	31.40	-0.1
	0.8s	41.00nm			5.4mb	
			i	21	36.60	
KEV	36.97	336	eP	21	32.00	-2.9
			e	26	52.00	
UPP	37.92	319	iP	21	42.50	-0.5
HFS	39.91	319	eP	21	58.90	-0.7
	0.6s	25.80nm			5.2mb	
PRU	39.99	303	eP	22	01.00	0.6
			e	23	37.50	
KHC	40.76	302	iPc	22	07.50	0.7
	1.0s	25.00nm			4.9mb	
			e	23	43.80	
CLL	40.76	305	iPc	22	06.60	-0.1
	1.2s	22.00nm			4.8mb	
LJU	40.77	297	eP	22	07.50	0.7
SSE	41.15	87	iPc	22	11.50	1.4
	0.8s	9.00nm			4.6mb	
NB2	41.16	320	P	22	09.30	-0.6
	0.8s	21.50nm			4.9mb	
WET	41.20	302	iPc	22	11.10	0.7
	1.1s	19.00nm			4.7mb	
VOY	41.20	297	ePd	22	10.70	0.2
			e	24	00.00	
KBA	41.33	299	i(P)	22	11.80	0.2
	0.5s	3.50nm			4.3mb	
			i	22	17.10	
			i(S)	24	09.70	
TRI	41.37	297	iPd	22	11.50	-0.2
MOX	41.73	304	iP	22	16.00	1.3
	1.2s	28.00nm			4.9mb	
			ePP	24	00.00	
SGO	41.77	289	iPd	22	16.90	1.8
GRF	42.16	303	eP	22	20.00	1.8
	1.1s	46.00nm			5.1mb	
	Z 19s	0.50um			4.4Msz	
AQU	42.56	292	e(P)	22	17.50	-4.1X
CTI	42.71	298	eP	22	22.50	-0.4
MNS	43.05	292	eP	22	26.00	0.4
OSS	43.55	299	eP	22	29.60	-0.2
SAX	43.93	300	eP	22	33.10	0.1
LLS	44.26	300	eP	22	35.20	-0.4
BUH	44.30	302	eP	22	36.00	0.3
IPM	44.87	135	ePd	22	42.40	1.8
CDF	44.98	302	eP	22	41.40	0.2
	0.9s	11.10nm			4.8mb	
MEM	45.23	305	Pc	22	44.00	1.0
WLF	45.37	304	Pc	22	45.80	1.6
BSF	45.45	302	iPc	22	44.90	0.0
	1.1s	28.90nm			5.1mb	
DIX	45.54	299	eP	22	45.60	-0.3
CVF	45.66	294	iPc	22	46.90	0.3
	1.1s	40.60nm			5.3mb	
HAU	45.69	302	eP	22	46.70	0.0
	0.9s	11.10nm			4.8mb	
EMS	45.86	299	eP	22	48.10	-0.2
DOU	46.24	305	P	22	51.80	0.8
FRF	46.86	296	iPc	22	56.10	0.1
	0.9s	26.30nm			5.2mb	
LRG	47.09	296	eP	22	58.20	0.4
LOR	47.51	302	iPc	23	00.40	-0.8
	0.9s	4.90nm			4.5mb	
LBF	47.52	301	iPc	23	00.50	-0.8
SMF	47.72	301	eP	23	02.50	-0.3
	0.9s	6.50nm			4.6mb	
SSF	47.80	301	eP	23	02.80	-0.6
	0.8s	4.00nm			4.5mb	
AVF	47.99	301	iPc	23	04.70	-0.2
	1.0s	21.60nm			5.1mb	
GRC	48.01	302	iPd	23	05.00	0.0
BGF	48.40	301	iPc	23	07.40	-0.6
	0.8s	6.40nm			4.7mb	
MZF	48.68	301	iPc	23	10.40	0.2
	0.8s	19.80nm			5.2mb	
TCF	48.90	301	iPc	23	11.90	0.0
	0.9s	10.60nm			4.9mb	
EKA	49.42	314	Pd	23	15.20	-0.5
	0.8s	13.50nm			5.0mb	
CAF	49.47	299	iPc	23	16.70	0.4
	1.0s	8.80nm			4.7mb	
LDF	49.63	304	iPc	23	17.20	-0.3
	1.0s	37.60nm			5.4mb	
RJF	49.70	300	iPc	23	18.50	0.5
	0.6s	5 40nm			4.8mb	
FLN	49.80	305	iPc	23	18.20	-0.5
LPO	50.14	299	iPc	23	21.70	0.3
GRR	50.16	304	iPc	23	20.90	-0.6
	0.9s	23.30nm			5.2mb	
MFF	50.32	302	iPc	23	22.10	-0.7
	1.0s	13.60nm			4.9mb	
LFF	50.34	300	iPc	23	23 30	0.3
	0.8s	14.90nm			5.0mb	
LPF	50.39	304	eP	23	22.50	-0.8
DAG	50.76	343	iPd	23	25.00	-0.7
	0.7s	12.33nm			5.0mb	
EPF	51.33	297	iPc	23	29.60	-1.0
	0.9s	6.50nm			4.6mb	
DLE	51.92	312	eP	23	33.70	-1.1
	0.8s	32.00nm			5.3mb	
NAI	52.21	226	iPc	23	40.00	2.4X
	1.0s	40.00nm			5.3mb	
DCN	52.32	312	eP	23	37.10	-0.7
	0.8s	40.00nm			5.4mb	
ALE	54.89	353	eP	23	54.00	-2.4
	0.8s	3.00nm			4.4mb	
TOL	55.66	296	eP	24	02.00	-0.5
MTD	68.00	221	iPc	25	26.00	0.4
IMA	68.07	18	eP	25	25.20	-0.4
KRI	69.04	223	iPc	25	32.00	-0.2
INK	69.74	10	ePc	25	34.80	-0.8
COL	70.38	17	iP	25	39.70	0.1
	0.8s	13.06nm			5.0mb	
			e	26	30.00	
FBA	70.38	17	eP	25	39.50	-0.1
FRB	71.09	342	ePc	25	43.20	-0.6
BUL	72.33	222	iPc	25	52.00	0.6
KIC	75.21	266	iP	26	08.90	0.7
			(PcP)	26	13.80	
MBL	76.38	134	iPd	26	12.40	-2.8
YKA	77.03	3	eP	26	18.80	0.6
YKC	77.05	3	iPc	26	18.50	0.2
	0.9s	32.00nm			5.4mb	
SCH	78.27	337	eP	26	25.00	-0.3
WRA	84.12	122	Pc	26	57.00	0.6
	0.9s	6.00nm			4.8mb	
FFC	84.75	356	iPc	26	59.70	0.6
	0.8s	22.00nm			5.4mb	
EDM	86.35	3	eP	27	07.50	0.3
PNT	89.84	7	eP	27	25.00	1.0
	0.8s	11.00nm			5.2mb	

S.D. = 1.0 on 97 of 104 obs.

APR 27, 1985 04h 15m 18.45± 0.35s
9.711 N ± 5.1km 124.195 E ± 6.0km
DEPTH = 598.3 ± 4.8 km
5.1mb (15 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

MAP	0.64	341	iPc	16	30.00	-0.4
			eS	17	03.00	
CGP	1.34	158	iPc	16	31.00	-0.9
DAV	2.94	152	eP	16	38.00	0.5
			eS	17	44.00	
BAG	7.53	333	iPc+	17	15.00	0.9
			eS	18	49.00	
SZP	8.60	335	iPd	17	25.00	1.1
KKM	8.70	246	ePd	17	25.80	0.7
	1.0s	74.80nm			4.7mb	
HKC	15.79	324	iP	18	37.00	2.9X
SSE	21.46	353	P	19	28.00	1.1
KGM	22.11	251	ePc	19	32.40	-0.6
	0.7s	117.30nm			5.6mb	
LOE	23.12	292	eP	19	41.50	-0.6
IPM	23.54	259	ePd	19	45.20	-0.6
	1.0s	35.30nm			4.9mb	
NST	24.20	287	eP	19	51.50	-0.1
KMI	25.51	310	iPc+	20	04.50	1.1
	N 12s	0.80um				
			eS	26	18.00	
BDT	25.60	290	eP	20	03.50	-0.4
	0.9s	62.90nm			5.2mb	
CHG	26.06	293	iPc	20	07.80	-0.2
	1.0s	60.00nm			5.2mb	
			eS	26	44.00	
OYM	29.04	26	eP	20	32.20	-1.5
SRY	29.21	26	eP	20	36.10	1.0
DDR	29.51	25	eP	20	36.10	-1.6
MAT	29.58	23	iPd	20	37.40	-0.9
	1.0s	56.00nm			5.1mb	
			(S)	27	56.00	
TSK	30.08	26	eP	20	39.90	-2.6
W82	31.12	161	iPc	20	50.20	-1.2
			i	21	21.20	
SNY	31.99	359	iPd	20	59.40	1.0
CN2	33.98	2	Pc	21	14.60	-0.5
ASPA	34.50	164	eP	21	20.00	0.3
CTA	36.72	144	iPd	21	38.90	1.0
	1.0s	16.50nm			4.6mb	
YOU	49.40	153	eP	23	17.00	0.3
CAN	50.55	154	eP	23	25.40	0.2
WAM	51.24	154	eP	23	30.20	0.1
QUE	56.93	300	eP	24	10.40	0.0
SMY	58.73	33	eP	24	22.50	0.6
TTA	76.76	28	eP	26	11.60	1.1
SVW	76.81	29	eP	26	12.30	1.5
BRW	77.35	19	eP	26	14.80	1.4
IMA	77.99	24	eP	26	18.10	1.0
KDC	78.29	33	eP	26	19.50	1.0
PME	80.00	29	eP	26	26.30	-1.1
FBA	80.44	26	eP	26	29.50	-0.2

27d 04h

SOD 84.01 337 iP 26 47.70 0.1
KJF 84.15 334 iP 26 48.30 0.0
0.6s 30.00nm 5.1mb
SUF 85.12 333 iPd 26 52.80 -0.2
0.4s 42.10nm 5.4mb
INK 85.56 21 eP 26 55.00 0.0
0.8s 42.00nm 5.2mb
NUR 86.29 331 iP 26 58.70 0.1
0.6s 32.60nm 5.2mb
Z 24s 0.40um 4.7MszX
LR 11 00.00
MBC 86.70 12 eP 27 01.00 0.6
ALE 87.87 1 eP 27 04.50 -1.3
0.7s 4.00nm 4.3mb
DAG 91.04 352 iPc 27 19.70 -0.7
0.6s 25.33nm 5.4mb
HFS 91.59 332 eP 27 22.40 -0.8
0.5s 6.20nm 4.9mb
NB2 92 35 333 P 27 25.80 -1.0
0.7s 8.70nm 4.9mb
ALQ 114.71 44 ePKP 32 54.00 0.0
1.0s 3.75nm
TUL 121.02 37 ePKP 33 05.40 -0.3
0.8s 7.50nm
Z 24s 0.09um 4.3MszX
RLO 121.30 37 iPKP 33 06.30 0.1
BHO 122.61 38 ePKP 33 09.20 0.4
KIC 126.68 285 ePKP 33 17.20 0.0
UPA 149.95 53 ePKP 34 04.00 5.4X
0.9s 72.27nm
S.D. = 0.9 on 51 of 53 obs.

APR 27, 1985 04h 49m 50.88± 0.18s
40.723 N ± 4.4km 71.151 E ± 3.1km
DEPTH = 33.0km (normal)
5.1mb (56 obs.) 4.4Msz (1 obs.)
TAJIK SSR (715)
Felt (VI) at Pop, (IV) at Andizhan, Fergana and Namangan, (III) at Toshkent, and (II) at Dzhirgotal and Leninabad.

KSH 3.91 107 eP 50 52.00 1.7
sP 51 03.00
QUE 11.05 199 eP 52 29.40 -0.5
e 54 42.00
KHI 11.91 241 eP 52 39.00 -2.5
WMQ 12.64 70 eP 52 49.50 -1.7
IRS 17.12 258 eP 53 50.00 0.8
KKN 17.37 134 eP 53 50.00 -2.6
DMN 17.42 134 eP 53 50.70 -2.5
0.5s 13.00nm 4.3mb
PKI 17.61 134 eP 53 53.10 -2.6
0.8s 39.00nm 4.6mb
SHI 18.77 240 eP 54 10.00 0.2
TAB 19.35 270 eP 54 19.00 2.3
LSA 19.65 118 P 54 20.60 0.3
GTA 21.94 84 Pc 54 44.20 0.8
SHL 22.93 125 eP 54 54.00 0.7
eS 59 06.00
HYB 24.09 162 ePc 55 06.50 2.1
0.8s 34.60nm 4.9mb
LZH 25.95 90 eP 55 22.50 0.4
2.0s 113.00nm 5.1mb
E 10s 0.70um
eS 59 19.00
CDZ 28 06 100 P 55 43.20 1.9
BHL 28.90 268 PKP 55 50.00 1.1
KMI 30.54 111 Pc 56 04.00 0.3
E 12s 0.40um
eS 01 46.00
XAN 30.57 90 Pc 56 04.00 0.3
pP 56 08.00 14kmX
TIY 31.92 82 eP 56 16.00 0.5
CHG 32.31 124 eP 56 16.50 -2.5
VRI 32.42 234 eP 56 20.00 0.3
GYA 32.59 105 P 56 22.80 1.3
PVL 33 96 290 eP 56 47.00 13.8X
BJI 34.02 76 eP 56 34.50 0.9
KJF 34.32 328 iP 56 35.40 -0.6
0.9s 22.00nm 5.1mb
i 57 30.80
SUF 34.47 325 iP 56 36.90 -0.4
0.7s 6.40nm 4 7mb
NUR 34.55 321 iP 56 37.40 -0.6
0.7s 16.00nm 5.1mb
i 57 29.00

LOE 35.12 122 eP 56 42.00 -1.3
e 01 49.00
TIA 35.96 82 Pd 56 51.40 1.1
PPP 58 38.00
SOD 36.01 333 iP 56 50.10 -0.2
e 57 36.00
VAY 36.27 287 eP 56 53.60 0.7
JOS 36.29 300 eP 56 53.40 0.5
0.8s 10.00nm 4.8mb
SPC 36.40 301 eP 56 55 60 1.5
KRA 36.51 302 iPd 56 55.00 0.3
0.7s 49.00nm 5.5mb
i 56 58.80
SKO 36.92 289 eP 56 58.00 -0.3
UPP 37.90 319 iP 57 05.80 -0.5
ZST 38.60 300 e(P) 57 17.00 4.7X
e 58 43.00
VKA 39.10 300 iP 57 22.00 5.5X
HFS 39.89 319 eP 57 22.40 -0.5
0.7s 27.30nm 5.1mb
PRU 39.97 303 P 57 24.50 0.8
e 57 28.90
e 59 00.00
KHC 40.74 302 iPc 57 30.50 0.5
1.0s 50.00nm 5.2mb
i 57 34.50
e 59 10.30
CLL 40.74 305 iP 57 30.60 0.6
1.5s 38.00nm 4.9mb
i 57 34.20
LJU 40.75 297 eP 57 30.80 0.7
e 57 35.50
NB2 41.15 320 P 57 32.60 -0.7
1.1s 38.90nm 5.0mb
SSE 41.17 87 P 57 35.20 1.5
1.0s 44.00nm 5.1mb
VOY 41.18 297 ePd 57 34.00 0.2
WET 41.18 302 iPd 57 34.60 0.9
1.0s 23.00nm 4.9mb
KBA 41.31 299 iPd 57 35.20 0.3
1.0s 14.80nm 4.7mb
i 57 39.60
i 58 14.70
i 58 24.00
e(Sn) 06 39.50
i 06 50.80
i 06 57.50
TRI 41.35 297 iPd 57 35.80 0.8
MOX 41.71 304 eP 57 39.00 1.0
1.5s 39.00nm 4.9mb
ePP 59 19.00
SGO 41.75 289 iPd 57 40.00 1.7
GRF 42.14 303 eP 57 43.00 1.5
1.0s 40.00nm 5.1mb
Z 20s 0.50um 4.4Msz
e 57 47.00
AQU 42.54 292 eP 57 46.00 1.1
CTI 42.69 298 eP 57 46.00 -0.2
OGA 42.90 299 eP 57 47.60 -0.4
MNS 43.03 292 iPd 57 49.50 0.7
OSS 43.53 299 eP 57 52.00 -1.1
SAL 43.57 297 eP 57 53.50 0.4
SAX 43.92 300 eP 57 56.10 -0.2
VDL 44.04 299 eP 57 56.80 -0.4
LLS 44.25 300 eP 57 58.30 -0.6
BUH 44.28 302 eP 57 59.40 0.4
SLE 44.34 301 eP 57 59.40 0.0
WTS 44.42 307 eP 58 00.50 0.6
1.0s 33.00nm 5.1mb
GWF 44.60 303 eP 58 01.80 0.3
IPM 44.89 135 ePd 58 06.00 1.9
e 59 47.10
CDF 44.96 302 eP 58 04.30 -0.2
0.9s 16.30nm 4.9mb
MEM 45.22 305 Pc 58 07.00 0.7
ORO 45.27 298 eP 58 05.50 -1.6
WLF 45.36 304 Pc 58 08.00 0.6
e 58 12.60
BSF 45.43 301 eP 58 08.10 -0.1
1.1s 54.20nm 5.4mb
DIX 45.52 299 eP 58 08.90 -0.3
CVF 45.64 294 iPc 58 10.10 0.2
0.9s 25.20nm 5.1mb
HAU 45.67 302 eP 58 09.80 -0.2
0.8s 17.10nm 5.0mb
EMS 45.84 299 eP 58 11.30 -0.3
DOU 46.22 305 P 58 15.00 0.7

FRF 46.84 296 eP 58 19.30 0.0
0.8s 20.40nm 5.2mb
LRG 47.07 296 eP 58 21.20 0.1
1.2s 33.40nm 5.2mb
LOR 47.49 302 iPc 58 23.50 -0.9
1.0s 14.00nm 4.9mb
LBF 47.50 301 iPc 58 23.60 -1.0
1.2s 25.80nm 5.1mb
SMF 47.70 301 iPc 58 25.70 -0.4
0.8s 10.70nm 4.9mb
SSF 47.79 301 iPc 58 26.00 -0.7
0.9s 13.10nm 5.0mb
AVF 47.97 301 iPc 58 27.80 -0.4
1.0s 43.70nm 5.4mb
GRC 47.99 302 iPd 58 28.20 -0.1
BGF 48.38 301 iPc 58 31.00 -0.3
1.1s 16.40nm 5.0mb
MZF 48.66 301 iPc 58 33.50 0.0
1.0s 42.50nm 5.4mb
TCF 48.88 301 iPc 58 35.20 0.0
1.1s 28.00nm 5.2mb
LSF 49.34 301 eP 58 38.10 -0.6
1.0s 13.70nm 4.9mb
CAF 49.45 299 iPc 58 39.90 0.3
1.0s 12.00nm 4.9mb
LDF 49.61 304 eP 58 40.30 -0.4
RJF 49.68 300 iPc 58 41.60 0.3
1.0s 16.00nm 5.0mb
FLN 49.78 305 eP 58 41.40 -0.6
0.9s 22.90nm 5.2mb
LPO 50.12 299 eP 58 44.70 0.0
1.1s 24.40nm 5.1mb
GRR 50.14 304 eP 58 44.00 -0.8
1.0s 46.10nm 5.5mb
MFF 50.30 302 eP 58 45.30 -0.8
0.9s 19.60nm 5.1mb
LFF 50.33 300 iPc 58 46.50 0.2
1.0s 29.60nm 5.2mb
LPF 50.38 304 eP 58 45.80 -0.8
0.6s 5.60nm 4.7mb
DAG 50.75 343 iPd 58 47.80 -1.3
0.7s 8.90nm 4.9mb
EPF 51.31 297 eP 58 52.80 -1.1
0.9s 9.80nm 4.8mb
DLE 51.91 312 iPc 58 57.20 -0.9
1.1s 70.00nm 5.5mb
EBR 52.10 295 eP 59 00.00 0.2
NAI 52.19 226 eP 59 03.00 2.0
1.0s 51.00nm 5.4mb
DCN 52.30 312 iPc 59 00.40 -0.7
1.0s 90.00nm 5.7mb
LGR 53.46 298 eP 59 10.00 0.1
ALE 54.88 353 eP 59 17.50 -2.4
1.1s 7.00nm 4.6mb
TOL 55.64 296 eP 59 25.50 -0.3
AVE 61.23 291 iP 00 04.00 -0.9
MBC 63.12 3 iPc 00 16.20 -0.7
1.0s 57.00nm 5.7mb
pP 00 22.00 19kmX
MTD 67.99 221 iPd 00 49.00 0.0
KRI 69.03 223 iPc 00 55.00 -0.5
INK 69.74 10 ePc 00 57.80 -1.2
COL 70.39 17 iP 01 03.10 0.0
1.0s 22.50nm 5.2mb
FRB 71.08 342 ePd 01 06.60 -0.6
BUL 72.32 222 eP 01 16.00 0.6
KIC 75.19 266 iPc 01 32.20 0.1
0.6s 36.00nm 5.5mb
(PcP) 01 36.40
YKA 77.03 3 eP 01 42.10 0.5
YKC 77.05 3 iPd 01 42.00 0.3
0.9s 34.00nm 5.4mb
BPI 77.68 219 eP 01 43.50 -2.4
SCH 78.26 337 eP 01 48.00 -0.7
SWZ 79.83 220 iPd 01 58.00 0.4
1.0s 35.00nm 5.3mb
WB2 84.15 122 iPc 02 20.50 0.5
FFC 84.74 356 iPc 02 23.30 0.8
0.9s 33.00nm 5.5mb
EDM 86.35 3 ePc 02 31.40 0.8
ASPA 86.58 125 iPc 02 33.00 0.9
0.9s 14.00nm 5.2mb
SES 89.24 1 eP 02 45.00 0.4
PNT 89.84 7 eP 02 48.00 0.6
1.0s 19.00nm 5.3mb
S.D. = 1.0 on 124 of 127 obs.

APR 27, 1985 04h 54m 09.29± 1.39s
37 207 N ± 5.8km 142.202 E ±13.5km
DEPTH = 41.6 ± 10.3 km
4.8mb (7 obs.)
OFF EAST COAST OF HONSHU, JAPAN (229)
Felt (I JMA) in the Onohamo-Sendoi area.

ONA	1.07	256	P	54 27.00	-1.0
			S	54 40.30	
ISN	1.41	330	Pd	54 31.10	-1.7
			i	54 39.50	
SEN	1.47	316	iPd	54 32.40	-1.3
			S	54 49.50	
FKS	1.48	292	Pd	54 30.00	-3.8X
			S	54 52.90	
MIT	1.62	240	eP	54 35.00	-0.8
			iS	54 57.20	
YAM	1.80	306	eP	54 37.00	-1.4
			eS	55 01.00	
CHO	1.84	217	P	54 42.30	3.4X
			iS	55 09.10	
OFU	1.89	349	eP	54 40.00	0.4
			S	55 02.20	
TSK	1.95	240	eP	54 39.10	-1.5
UTS	1.98	251	eP	54 41.00	0.0
			S	55 03.50	
MIY	2.44	356	eP	54 56.00	8.5X
			S	55 18.90	
TOK	2.49	233	iPc	54 49.00	0.8
			iS	55 21.40	
KMG	2.50	246	P	54 48.60	0.3
			iS	55 19.10	
NII	2.60	287	eP	54 52.00	2.2
			eS	55 23.00	
KYS	2.60	220	eP	54 50.50	0.7
MRK	2.61	342	eP	54 50.00	0.0
			S	55 19.30	
MAE	2.64	253	eP	54 52.00	1.6
			eS	55 27.00	
DDR	2.70	244	eP	54 49.80	-1.6
YOK	2.71	230	Pc	54 53.00	1.6
			iS	55 29.50	
SRY	2.85	237	eP	54 50.50	-2.9
TAT	2.91	221	eP	54 55.00	0.7
			S	55 38.30	
OYM	2.98	234	eP	54 55.50	0.2
AKI	3.00	327	eP	54 56.00	0.5
			S	55 41.50	
NGN	3	26	262 eP	55 03.00	3.9X
MAT	3.27	259	iPd	54 59.30	-0.1
			eS	55 39.00	
KOF	3.32	243	eP	55 01.00	1.0
			S	55 44.60	
AOM	3.77	343	eP	55 19.00	12.6X
			S	56 04.50	
IID	3.91	246	ePc	55 10.00	1.5
			S	55 56.70	
HMM	4.41	237	eP	55 21.00	5.5X
			eS	56 18.00	
NAG	4.70	246	eP	55 22.00	2.4
			e	56 15.00	
SHY	8.18	254	eP	56 08.20	-0.2
			eS	58 15.40	
KMI	35.61	262	Pc	01 03.50	-1.8
IPM	49.70	239	ePd	02 57.10	-2.3
			i	03 54.90	
INK	53	96	27 eP	03 30.00	-0.6
NB2	57.32	189	iPc	03 54.20	-1.2
			e	04 07.90	
ASPA	61.05	189	eP	04 20.00	-1.1
MBL	61.77	204	iPd	04 25 70	-0.3
NAU	64.54	207	eP	04 44.00	-0.2
SUF	68.11	334	eP	05 06.00	-0.6
IR5	70.91	300	(P)	05 24.00	-0.4
HFS	74.19	336	eP	05 42.70	-0.4
	0.5s		3.70nm		4.6mb
NB2	74.27	338	P	05 43.60	0.0
	0.7s		4.00nm		4.5mb
EUR	75.25	52	iP	05 51.00	1.1
	0.2s		5.58nm		5.2mb
FRB	76.46	14	eP	05 56.00	0.1
ALQ	84.00	50	e(P)	06 31.00	-5.9X
VAY	84.34	319	eP	06 46.00	7.8X
SKO	84.45	320	eP	06 40.00	1.2
TRI	85.31	327	eP	06 54.00	11.0X
			e	12 40.00	
CDF	85.79	332	eP	06 46.00	0.5
	0.8s		5.30nm		4.8mb
BSF	86.46	332	eP	06 49.00	0.2
HAU	86.48	332	eP	06 49.00	0.2
	0.8s		5.30nm		4.8mb
LOR	88.01	333	eP	06 56.90	0.7
	0.7s		4.40nm		4.8mb
SSF	88.32	333	eP	06 59.10	1.4
	0 8s		4.00nm		4.8mb
AVF	88.60	333	eP	07 00.80	1.8
	S.D. = 1.2		on 45 of 54 obs.		

? APR 27, 1985 05h 28m 13.65± 8.64s
37.276 N ±22.3km 142.133 E ±71.7km
DEPTH = 10.0km (geophysicist)
OFF EAST COAST OF HONSHU, JAPAN (229)

FKS	1.40	291	P	28 39.00	-0.2
			S	28 59.60	
TSK	1.94	237	eP	28 46.50	-0.5
KYS	2.62	218	eP	28 57.00	0.2
DDR	2.69	243	eP	28 56.50	-1.3
			S	29 32.20	
SRY	2.84	235	eP	28 59.90	0.0
OYM	2.98	232	eP	29 02.40	0.6
MAT	3.23	258	iPc	29 06.60	1.2
			eS	29 46.00	
	S.D. = 1.0		on 7 of 7 obs.		

APR 27, 1985 06h 04m 48.88± 0.38s
40.803 N ± 6.1km 71.374 E ± 6.9km
DEPTH = 33.0km (normal)
4.7mb (16 obs.)
TAJIK SSR (715)
Felt (IV) at Pap, (III) at Nomongon and (II) at Andizhan.

MHI	10.33	248	eP	07 18.00	0.0
			eS	09 08.00	
QUE	11.19	200	eP	07 32.00	2.3
KHI	12.10	241	eP	07 37.80	-4.2X
IR5	17.30	258	(P)	08 48.00	-1.5
KKN	17.31	134	eP	08 47.90	-1.8
	0 6s		22.00nm		4.5mb
PKI	17.55	134	eP	08 50.80	-2.1
	0.5s		21.00nm		4.5mb
HYB	24.11	163	eP	10 05.00	2.4
KJF	34.35	328	iP	11 34.30	0.1
	0.6s		15.60nm		5.1mb
SUF	34.50	325	iP	11 35.40	-0.2
	0.6s		4.10nm		4.5mb
NUR	34.60	321	iP	11 36.70	0.3
	0.6s		7.80nm		4.8mb
SOD	36.01	332	iP	11 48.20	-0.2
KEV	36.95	336	eP	11 57.00	0.8
HFS	39.94	319	eP	12 21.00	-0.3
	0.4s		11.10nm		5.0mb
PRU	40.07	303	eP	12 23.50	1.0
CLL	40.83	305	iPc	12 28.20	-0.5
	1.0s		12.00nm		4.6mb
KHC	40.84	302	P	12 28.30	-0.6
	1.0s		10.50nm		4.5mb
NB2	41.19	320	P	12 31.40	-0.2
	0.7s		8.40nm		4.6mb
CDF	45.06	302	eP	13 03.30	0.0
BSF	45.53	301	eP	13 07.10	0.1
HAU	45.77	302	eP	13 08.70	-0.1
FRF	46.95	296	eP	13 18.30	0.1
	0.8s		11.60nm		4.9mb
SMF	47.80	301	eP	13 24.50	-0.4
AVF	48.08	301	eP	13 26.70	-0.3
	0.8s		6.10nm		4.7mb
MZF	48.77	301	eP	13 32.50	0.2
	0.7s		8 50nm		4.9mb
TCF	48.99	301	eP	13 34 00	0.0
LSF	49.44	301	eP	13 37.00	-0.5
LDF	49.70	304	eP	13 39.20	-0.3
FLN	49.87	305	eP	13 40.20	-0.6
LPO	50.23	299	eP	13 43.70	0.2
GRR	50.23	304	eP	13 43.00	-0.5
MFF	50.40	302	eP	13 44.20	-0.6
LFF	50 43	300	eP	13 45.40	0.3
	0.7s		4.00nm		4.5mb
MBC	63.03	3	eP	15 15.00	0.7
	1.0s		23.00nm		5.3mb
INK	69.64	10	eP	15 56.00	-0.4
KIC	75.36	266	eP	16 30.40	-0.7
YKA	76.94	3	eP	16 40.60	1.5
YKC	76.96	3	iPd	16 40.00	0.7
	0.9s		13.00nm		5.0mb
WB2	84.05	123	eP	17 22.30	4.8X
FFC	84.68	356	iPd	17 21.60	1.4
	0.8s		7.00nm		4.9mb
	S.D. = 1.0		on 37 of 39 obs.		

* APR 27, 1985 08h 21m 19.21± 0.55s
41.115 N ± 8.7km 71.139 E ±13.3km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
KIRGHIZ SSR (716)
Felt (III) at Pap and (II) at Namangan.

QUE	11.42	199	eP	24 04.00	0 8
KHI	12.10	239	eP	24 06.20	-6.2X
SUF	34.15	325	eP	28 08.00	5.2X
NUR	34.24	320	eP	28 04.00	0.3
HFS	39.59	319	eP	28 48.50	-0.2
	0.5s		8.90nm		4.8mb
KHC	40.52	301	eP	28 57.50	0.9
NB2	40.84	320	P	28 58.60	-0.5
	0.6s		3.40nm		4.3mb
MBC	62.73	3	eP	31 43.00	0.3
INK	69.36	10	eP	32 25.00	0.0
COL	70.02	17	eP	32 29.00	-0.1
KIC	75.21	266	eP	32 58.80	-1.7
YKA	76.64	3	eP	33 08.40	0.6
YKC	76.66	3	iPd	33 08.00	0.1
FFC	84.35	356	eP	33 49.00	0.1
	0.7s		3.00nm		4.6mb
WB2	84.36	122	eP	33 48.80	-0.6
	S.D. = 0.8		on 13 of 15 obs.		

% APR 27, 1985 08h 43m 53.57± 2.93s
39.500 N ±24.7km 29.442 E ±11.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.64	280	ePn	44 06.10	-0 3
GPA	1.03	40	ePn	44 13.00	-0 1
YLV	1.07	357	iPn	44 13.70	0.0
KCT	1.12	312	ePn	44 14.20	-0 4
EDC	1.48	305	ePn	44 21.00	0.8
	S.D. = 0.7		on 5 of 5 obs.		

% APR 27, 1985 09h 57m 21.29± 3.34s
39.462 N ±26.8km 29.496 E ±12.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.69	282	iPn	57 34.70	-0.2
GPA	1.04	37	ePn	57 40.50	-0 4
YLV	1.11	355	iPn	57 42.20	0 1
KCT	1.18	312	ePn	57 42.20	-1
EDC	1.54	306	iPn	57 49.70	1 0
ISK	1.64	348	iPn	57 50.70	0.5
	S.D. = 0.9		on 6 of 6 obs		

APR 27, 1985 10h 11m 42.62± 0 16s
21.032 S ± 3.7km 176.820 W ± 2 4km
DEPTH = 260.1km (7 depth phases)
5.8mb (37 obs.)
FIJI ISLANDS REGION (187)
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 20 Dip=85 Slip= -50
NP2: 116 40 -172
Principal Axes:
T Plg=29 Azm= 79
P 37 325
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting with a large strike-slip component. The preferred fault plane is not determined.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 25C
Centroid Location:
Origin Time 10:11:47.0 0.3
Lat 21.23S 0.03 Lon 176.81W 0 03
Dep 261.8 1.3 Half-duration 3.2
Moment Tensor, Scale 10**24 D-CM
Mrr= 3.30 0.12 Mtt=-7 94 0.23

27d 10h

Mff= 4.64 0.20 Mrt=-3.15 0.17
Mrf=-2.51 0.16 Mtf= 1.41 0.16
Principal Axes:
T Val= 7.20 Plg=40 Azm=105
N 1.61 47 258
P -8.80 14 3
Best Double Couple:Mo=8.0*10**24
NP1:Strike=136 Dip=51 Slip= 159
NP2: 240 74 40

KRO	5.15	315	iPc	13	01.40	0.3
SVA	5.31	302	iPc	13	04.20	1.1
VUN	5.37	303	iPc	13	04.70	0.9
			eS	14	04.70	
MSV	5.83	303	iPc	13	11.00	1.4
MBU	5.84	313	iPc	13	09.80	0.2
NDF	6.31	300	P	13	16.00	0.5
PVC	14.41	281	iPc	14	59.20	2.6X
NOU	15.60	262	iPc	15	12.90	1.8
			iS	18	08.00	
			ScP	23	06.50	
RAR	15.91	94	P	15	12.00	-2.6
			S	18	03.00	
CRZ	16.25	213	P	15	18.60	0.3
GNZ	18.11	193	eP	15	34.00	-3.8X
			S	18	46.00	
			eScP	23	10.00	
			eScS	26	54.00	
MNG	20.60	197	P	15	59.00	-3.8X
			S	19	38.00	
			ScP	23	16.00	
			ScS	26	16.00	
WEL	21.41	198	P	16	09.80	-0.9
			S	19	50.00	
			ScP	23	18.00	
			ScS	27	02.80	
TCW	21.49	199	P	16	07.90	-3.5X
			S	19	54.40	
CIZ	22.86	180	P	16	31.00	6.3X
HNR	25.17	294	eP	16	47.00	0.7
			eS	17	36.00	
SVO	25.42	294	eP	16	41.00	-7.6X
VSG	25.46	294	eP	16	52.00	3.0X
AFR	25.75	87	iP	16	50.10	-1.4
PAE	25.91	87	iP	16	51.60	-1.4
PPT	25.93	87	iP	16	52.10	-1.1
	1 1s	1440.00nm			6 5mb	
			eScP	23	34.00	
PPN	26.07	87	iP	16	53.20	-1.3
TVO	26.19	88	iP	16	54.50	-1.1
PMO	28.12	83	iP	17	11.20	-1.7
	1.1s	560.00nm			6.1mb	
			eScP	23	40.00	
VAH	28.30	83	iP	17	12.50	-2 0
	1.1s	240.00nm			5.7mb	
TPT	28.39	83	iP	17	13.50	-1.8
	1.1s	480.00nm			6.0mb	
RUV	28.55	83	iP	17	14.80	-1.9
	1 1s	640.00nm			6.1mb	
COO	29 65	245	eP	17	26.00	-0.4
BGA	30.89	295	eP	17	22.00	-15.4X
RMO	31.91	253	eP	17	46.00	-0.1
CAN	33.14	257	iPc	17	56.80	0.2
			ipP	18	06.80	35kmX
			iPcP	18	48.80	
			eScP	24	05.10	
YOU	33.36	239	eP	17	58.60	0.1
			ePcP	18	51.50	
			eScP	23	56.00	
WAM	33.48	236	eP	18	00.10	0.6
			ePcP	18	48.60	
			eScP	23	57.30	
RAB	34 47	295	eP-	18	06 00	-2 0
CTA	34.54	265	iPc	18	08 80	0 2
	0 6s	78.67nm			5.5mb	
			i	19	01 20	261km
			iS	24	44.00	
			iScS	28	04.00	
CTAO	34.54	265	iP	18	08 80	0.2
	0 8s	112.87nm			5.5mb	
			i	19	02 00	265km
CMS	34.93	245	iPd	18	11.80	0.1
LMG	35.83	254	eP	18	19.00	-0.6
TOO	36 48	235	iPd	18	24 40	-0 4
KVG	36.48	296	eP	18	22.00	-2.9X
PMG	36.54	283	eP	18	25.00	-0.4
	1.0s	260.00nm			5.7mb	

STK	38.56	245	iPd	18	42.10	0.0
BFD	38.66	236	eP	18	42.00	-0.8
RKT	38.74	101	iP	18	43.30	-0.3
	1.1s	720.00nm			6.1mb	
MDG	39.51	288	iPd	18	50.00	0.0
MOM	39.64	294	eP	18	51.50	0.4
ADE	41.32	241	iPc	19	04.20	-0.5
ASPA	45.48	257	eP	19	37.00	-1.1
MTN	50.27	271	eP	20	14.00	-1.1
	0.4s	66.00nm			5.4mb	
GUA	50.92	309	eP	20	19.20	-0.7
	0.9s	1297.48nm			6.4mb	
GUMO	50.99	309	eP	20	19.50	-0.9
			eS	27	16.50	
PJG	50.99	309	eP	20	19.50	-0.9
DRV	53.23	200	eP	20	37.50	1.2
KLG	55.77	246	eP	20	54 00	-1.1
SBA	57.42	184	iPc	21	08.10	2.1
MBL	58.72	257	iPd	21	14.70	-1.1
	0.5s	215 00nm			6.0mb	
KLB	58.83	245	eP	21	15.00	-1.4
MEK	58.85	251	eP	21	15.00	-1.7
NWAO	59.12	243	eP	21	17.00	-1.4
RKG	59.19	242	eP	21	18.00	-0.8
MUN	60.09	244	eP	21	23.70	-1.3
MRWA	60.66	248	eP	21	28.00	-0.9
NAU	62.35	255	iPd	21	39.80	-0.4
	0.5s	27.00nm			5.2mb	
DAV	63.06	290	eP	21	45.90	1.0
			eS	29	54.00	
SPA	69.10	180	iPc	22	23.80	1.4
	1.0s	369.00nm			6.1mb	
TRT	69.15	270	ePc	22	24.40	1.1
KYS	69.23	323	eP	22	23.20	-0.2
OYM	69.90	323	eP	22	25.50	-2.0
TSK	70.00	324	eP	22	27.20	-0.8
SRY	70.02	323	eP	22	26.70	-1.5
DDR	70.35	323	eP	22	29.50	-0.7
MAT	71.29	323	iPd	22	34.00	-1.8
	1.0s	105.00nm			5.5mb	
	Z 20s	0.71um			4.9Msz	
			eS	31	31.00	
BAG	71.79	296	eP	22	38.00	-1.3
			eS	31	38.00	
ADK	72.60	0	eP	22	40.80	-2.1
SHK	73.19	318	eP	22	45.80	-1.0
BLP	77 00	45	P	23	09.30	1.0
SYP	77.26	45	eP	23	11.00	1.0
PRS	77.45	43	ePc	23	11.60	0.8
GCC	77.48	42	ePc	23	11.50	0.6
PCC	77.54	41	ePc	23	11.40	0.2
SAO	77.66	43	iPc	23	12.50	0.5
PHAM	77.77	44	P	23	13.30	0.7
PRI	77.78	43	iPc	23	13.50	0.7
BRK	77.84	41	ePc	23	13.40	0.5
BKS	77.86	41	ePc	23	13.70	0.7
	1.0s	504.00nm			6.2mb	
			ePP	26	11.60	
			epPP	26	29.50	
			eS	32	48.40	
			eLQ	44	14.00	
LLA	77.89	43	ePc	23	13.90	0.6
ZSP	77.89	41	eP	23	13.80	0.6
MHC	77.90	42	ePc	23	13.90	0.5
SLBC	78.20	48	eP	23	15.70	0.7
MWC	78.36	46	eP	23	16.00	-0.1
FHC	78.69	38	ePc	23	18.50	1.0
PLM	78.68	48	eP	23	18.00	0.2
RVR	78.70	47	eP	23	18.00	0.4
SBB	78.79	46	eP	23	18.00	-0.2
SSE	78.87	309	eP	23	17.00	-1.6
			S	32	52.00	
FRI	78.91	43	iPc	23	19.00	0.3
JAS1	79.02	42	iPc	23	19.70	0.4
			i	23	25 00	17kmX
			i	23	45 80	
			ePP	26	18 00	
ORV	79.36	40	iPc	23	21 30	0.2
WDC	79.38	39	iPc	23	21 60	0.4
			i	23	28 00	20kmX
			e	23	48.20	
			e(S)	33	18 00	
CLC	79.59	45	eP	23	22.00	-0.5
TPC	79.67	47	eP	23	23 00	0.1
MIN	79.79	40	iPc	23	23.40	-0.1
GSC	79.83	46	eP	23	24 00	0.2
GLA	79.94	49	eP	23	25.00	0.7

AIA	80.05	157	iP	23	26.40	2.1
MNA	80.75	43	iPc	23	29.20	0.6
			e	23	49.10	73kmX
			ePP	26	31.00	
			e(S)	33	23.00	
GZH	80.94	299	P	23	33.00	3.3X
			S	33	19.00	
KDC	81.07	13	eP	23	29.50	0.0
NJ2	81.07	309	Pd	23	31.00	0.9
			pP	24	34.00	265km
			iS	33	19.00	
KGM	81.26	276	ePc	23	31.40	-0.2
MAW	81.44	200	iPd	23	33.30	1.8
COR	81.53	36	iPd	23	33.00	0.7
MDJ	81.59	324	Pd	23	32.20	-0.4
			iS	33	24.00	
BMN	82.51	42	iP	23	38.30	0.6
	1.0s	240.00nm			5.9mb	
			i	24	53.00	319kmX
EUR	82.75	43	iP	23	39.80	0.8
BFW	82.81	34	P	23	40.00	1.0
SNY	83.32	320	Pd	23	41.00	-0.5
CN2	83.39	322	iPd	23	41.20	-0.6
PHC	83.61	29	eP	23	43.50	0.8
WHN	83.65	306	P	23	44.50	1.1
			pP	24	47.60	264km
LON	83.72	35	P	23	44.00	0.5
PGC	84.11	32	ePd	23	46.10	0.9
	0.8s	188.00nm			6.0mb	
ACX	84.32	70	ePd	23	47.60	0.6
IPM	84.33	277	ePd	23	47.50	0.3
	0.7s	45.70nm			5.4mb	
			e	24	48.90	256km
TIA	84.45	312	Pc	23	47.40	0.1
RMU	84.75	47	iP	23	50.20	1.2
			e	25	00.00	294kmX
DUG	85.17	44	P	23	51.00	0.0
III	85.27	68	ePc	23	52.50	0.5
TTA	85.28	9	eP	23	51.10	0.2
PME	85.33	13	eP	23	50.20	-0.9
	1.0s	225.00nm			6.0mb	
OXM	85.45	67	iPc	23	53.00	0.0
CRX	85.50	67	ePc	23	53.70	0.5
TPM	85.87	68	eP	23	55.50	0.7
PNL	86 04	18	eP	23	54.50	-0.2
IIP	86.14	68	ePd	23	56.00	-0 3
LTX	86.42	57	iP	23	58.30	1.0
	1.0s	202.00nm			5.9mb	
			i	25	10.00	302kmX
PNT	86.48	33	iPc	23	57.10	0.1
	0.8s	182.00nm			6.0mb	
IIT	86.53	68	ePc	23	58.60	0.4
TLX	86.83	67	ePd	24	00.70	1.1
ALQ	86.88	51	iPc	24	00.00	0.5
	1.0s	67.50nm			5.4mb	
HPI	86.89	41	P	23	59.80	0.3
BJI	87.04	315	eP	24	00.50	0.7
			e	26	01.00	549kmX
VHO	87.21	70	iP	24	02.30	0.9
LHD	88.01	36	iPc	24	05.00	0.6
CLX	88.21	36	iPc	24	05.70	0.1
LDM	88.25	36	iPc	24	05.70	0.2
YKM	88.27	35	iPc	24	05.90	0.2
LRM	88.42	39	ePc	24	06.80	0.1
TIY	88.45	311	P	24	07.00	0.2
			SKS	34	10.50	
			S	34	33.00	
LOE	88.48	289	eP	24	07.40	0.2
COL	88.53	12	iPd	24	05.60	-0.8
	0.7s	311.64nm			6.3mb	
			eS	34	10.00	
FBA	88.53	12	eP	24	05.00	-1.4
IMA	88.59	9	eP	24	06.00	-0.9
RXF	88.59	36	iPc	24	07.70	0.5
BDW	88.59	43	iP	24	07.20	-0.3
	1.0s	80.40nm			5.6mb	
			e	25	23.00	320kmX
SNA	88.82	178	iPd	24	10.00	2.1
	1.0s	110.00nm			5.7mb	
XAN	89.33	307	P	24	12.00	1 1
			pP	25	14.20	257km
			SKS	34	14.00	
			S	34	40.00	
GOL	89.87	47	iP	24	13.80	0.2
	0.9s	37.88nm			5.3mb	
			e	25	30.00	321kmX
JCT	89.94	57	iP	24	14.00	0.2

27d 10h

GLD	89.99	47	eP	24	15.00	1.0				i	30	28.20					i	31	05.00				
	1.3s	211.49nm			5.9mb					iSKP	33	35.20					e	32	07.00				
KMI	90.57	297	Pc	24	18.50	1.5	KRI	134.30	217	iPKPd	30	32.00	0.0				e	34	36.50				
			pP	25	20.00	253km				iSKP	33	38.00		VKA	150.85	342	iPKP	31	00.00	0.6			
			SKS	34	22.00		WIN	134.59	198	e(PKP)	30	27.30	-5.2X				i	31	05.20				
			S	34	55.00			0.7s		23.97nm				JMB	150.97	323	ePKP	30	59.00	-0.7			
BDT	90.83	288	eP	24	18.80	0.8	SUF	135.48	345	ePKP	30	20.00	-12.7X				Sg	32	15.00				
	1.0s	51.00nm			5.4mb		NUR	137.75	344	ePKP	30	24.00	-13.0X	DOU	150.98	358	PKP	31	00.00	0.5			
CHG	91 46	289	iPd	24	21.80	0.9		0.7s		46.70nm				KCT	151.25	317	ePKP	31	02.00	1.7			
	1 0s	32.50nm			5.2mb			Z 24s		0.20um			4.8MszX	PVL	151.29	325	iPKPc	31	01.00	0.8			
SES	91.65	36	iPc	24	21.20	0.0				i	30	36.00		WLF	151.33	356	PKPd	31	01.00	1.0			
	1.2s	271.00nm			6.1mb					iSKP	33	47.30		DST	151.43	316	ePKP	31	00.30	-0.3			
EDM	91.96	33	iPc	24	22.50	0.0				LR	21	00.00		KGT	151.79	319	ePKP	31	07.00	6.0X			
CD2	92.00	302	eP	24	24.60	1.3	NB2	139.63	354	PKP	30	31.40	-9.1X	DIM	151.81	323	ePKP	31	01.00	0.0			
RSSD	92.77	44	iP	24	26.80	0.0		0.7s		23.90nm				GWF	151.89	354	iPKPd	31	01.00	0.0			
	1.0s	265.00nm			6.2mb		UPP	139.87	349	iPKP	30	31.60	-9.2X	BUH	152.12	353	ePKP	31	00.60	-0.7			
			e	25	27.00	247kmX				i	33	53.10		FUR	152.15	348	ePKP	31	01.70	0.3			
MDZ	92.85	127	eP	24	29.20	1.9	HFS	140.23	352	ePKP	30	32 30	-9.2X				i	31	08.40				
HKT	92.88	59	P	24	27.00	-0.2		0.4s		13.60nm				FLN	152.18	5	ePKP	31	01.20	-0.1			
OCO	93.76	53	eP	24	32.00	0.8	NAI	140.34	240	ePKP	30	42.00	-1.4	KDZ	152.20	323	ePKP	31	01.00	-0.6			
LZH	93.97	307	eP	24	33.50	1.1		1.0s		30.00nm				PLD	152.26	324	ePKP	31	02.00	0.4			
			eS	34	40.00		MUD	144.34	354	iPKPc	30	47.90	-0.8	LDF	152.37	5	ePKP	31	01.40	-0.2			
			PS	35	21.00			1.0s		120.00nm				CDF	152.48	354	ePKP	31	01.20	-0.7			
INK	94.49	15	ePc	24	32.60	-1.2				i	31	25.00		GRR	152.51	6	ePKP	31	01.60	-0.2			
TUL	95.17	54	eP	24	37.50	-0.2	DMU	146.29	11	iPKPc	30	53.40	1.3	VTS	152.71	327	ePKP	31	02.00	-0.2			
	1.2s	79.90nm			5.8mb		DCN	146.76	11	iPKPc	30	54.70	1.8	KBA	152.74	345	iPKPd	31	01.70	-0.7			
	Z 18s	0.29um			4.8Msz			0.8s		320.00nm					0.7s		29.30nm						
BHO	95.30	55	eP	24	38.40	0.1	DLE	146.94	11	iPKPc	30	55.20	2.0				i	31	09.30				
RLO	95.84	54	eP	24	40.50	-0.2		0.8s		505.00nm							i	31	13.40				
YKA	96.53	24	eP	24	43.10	-0.1	VAL	147.43	15	iPKP	30	56.10	2.2				i	31	21.80				
YKC	96.58	24	iPd	24	43.00	-0.4	ETA	147.57	11	iPKPc	30	56.60	2.4X				i	32	23.60				
	0.9s	25.00nm			5.5mb			1.2s		240.00nm				EZN	152.76	319	ePKP	31	07.40	5 0X			
TCA	96.76	127	ePd	24	46.00	0.8	ECB	147.78	11	iPKPc	30	56.80	2.3X	LPF	152.85	6	ePKP	31	02.40	0.1			
ARE	97.84	111	eP	24	51.00	0.5		1.0s		280.00nm				YER	152.94	312	iPKP	31	10.90	8.1X			
GTA	98.16	309	P	24	50.40	-0.8	ECP	148.04	11	iPKPc	30	57.40	2.5X	HAU	152.97	355	ePKP	31	02.10	-0.4			
FFC	98.56	34	eP	24	52.00	-0.5		1.2s		450.00nm				SLE	152.99	352	ePKP	31	02.40	-0.1			
	1.4s	12.00nm			5.1mb		KRA	148.14	339	ePKP	30	55.10	-0.1	BSF	153.10	355	ePKP	31	02.30	-0.5			
FVM	99.92	53	eP	24	59 00	-0.1				e	30	58.40		MMB	153.14	324	iPKPc	31	02.00	-1.0			
	1.0s	15.00nm			5.4mb					e	32	01.00		ZUL	153.28	352	ePKP	31	03.20	0.2			
RSON	101.83	40	ePdiff	25	06.40	-1.0	WIT	148.16	356	ePKP	31	00.00	4.9X	LJU	153.38	342	ePKPc	31	02.80	-0.3			
	1.0s	6.00nm			5.1mb		CFR	148.34	325	ePKP	30	59.00	3.4X				i	31	08.30				
MBC	103.07	12	ePdiff	25	12.00	-0.3	KSP	148.51	344	iPKPd	30	56.00	0.2				e	32	11.50				
ALE	113.86	8	ePKP	29	50.00	-1.0		0.8s		115.00nm				VOY	153.56	343	ePKPc	31	02.50	-1.0			
	0.7s	9 00nm								i	30	59.90					i	31	10.30				
FRB	116.73	28	ePKPd	29	55.30	-1.5				ePP	34	15.20		OSS	153.79	349	ePKPd	31	03.80	-0.1			
SCH	118.44	38	ePKPd	29	59.00	-1.4	BHL	148.60	301	PKPd	31	00.00	3.4X	LLS	153.79	351	ePKP	31	04.20	0.3			
AVY	121.01	231	ePKP	30	05.50	-1.1				pPKP	32	05.00		GRC	153.80	0	iPKPc	31	03.90	0.3			
GRM	121.53	203	iPKPc	30	05.50	-1.5	VRI	148.61	328	ePKP	31	00.00	3.9X				i	31	12.70				
	1.0s	50.00nm					SPC	148.78	338	e(PKP)	30	56.80	0.3				i	31	25.90				
DAG	123.14	6	iPKPc	30	07.00	-1.7	TLB	148.79	325	ePKP	31	00.00	3.6X	LOR	153.82	359	ePKP	31	03.70	0.0			
	0.5s	31.69nm					CLL	148.82	348	PKP	30	55.80	-0.4	TRI	153.90	343	iPKPd	31	03.50	-0.3			
CEP	123.77	196	iPKPd	30	11 50	0.2	WTS	148.97	356	ePKP	30	55.50	-0.9				i	31	11.50				
	0.5s	5.41nm						0.9s		40.00nm							i	31	25.00				
BLF	125.44	205	iPKPd	30	14.80	0.0	JOS	149.26	337	ePKP	30	56.80	-0.2				i	32	25.50				
	0.5s	7.03nm					MLR	149.26	328	ePKP	30	57.00	-0.3				e	41	26.00				
EVA	126.49	209	iPKPd	30	17.20	0.2	MOX	149.71	349	iPKP	30	57 00	-0.6				e	56	06.00				
	0.9s	30.25nm						1.4s		52.00nm				VAY	153.95	325	ePKP	31	03.00	-1 6			
BPI	127.25	208	iPKPd	30	14.50	-3.9X				i	31	03.00		SSF	154.03	359	ePKP	31	03.80	-0 2			
	0.9s	47.06nm					PRU	149.73	345	PKP	30	57.50	-0.1	SKO	154.06	328	iPKP	31	03 30	-0 9			
SWZ	127.49	205	iPKPd	30	20.00	1.2		0.7s		112.40nm				VDL	154.09	350	ePKP	31	04 40	0			
	0.3s	77.92nm								i	31	03.10		CTI	154.10	346	iPKPd	31	04 00	-0 2			
SLR	127 51	209	iPKPc	30	18 00	-0.9				e	31	40.50		LBF	154.10	359	ePKP	31	03.80	-0 3			
	1.2s	46.88nm								e	32	04.40		AVF	154.30	360	ePKP	31	03.80	-0 5			
KSR	128.01	207	iPKPd	30	20.00	0.1	CMP	149.87	328	ePKPc	30	41.00	-17.1X	MFF	154.35	5	ePKP	31	04.20	-0 2			
	1.2s	64.00nm					JCK	149.95	356	ePKPc	31	03.10	5.3X	SMF	154.44	359	ePKP	31	04.20	-0.3			
MHI	128 97	300	ePKP	30	22 00	0.7	PLH	149.95	355	ePKPc	31	03.30	5 5X	BGF	154.54	1	ePKP	31	04.80	0.2			
REV	129 19	350	ePKP	30	12.00	-8.5X	GPA	149.97	316	ePKP	30	58.00	-0.4	MMK	154.74	352	ePKP	31	05.90	0.7			
	0.6s	33.90nm					PSZ	149.98	337	e(PKP)	30	57.00	-1.2	SAL	154.75	348	ePKP	31	13.90	9.0X			
			i	30	20.20		HOF	149.98	349	ePKP	30	57.70	-0.4	DIX	154.78	353	ePKP	31	05.90	0.6			
			iSKP	33	20.00					i	31	03.60		TCF	154.79	2	ePKP	31	04.90	-0.1			
SOD	131.35	348	iPKP	30	23.60	-1.1	CSS	150.11	304	ePKP	31	03.50	4.8X	LSF	154.81	3	ePKP	31	04.60	-0.4			
SOD	131.35	348	ePKP	30	12.00	-12.7X	COZ	150.17	329	iPKPd	31	03.00	4.3X	EMS	154.84	354	ePKP	31	05.80	0.5			
			i	30	23.60		ENN	150.25	356	ePKP	30	58.50	0.1	MZF	154.88	1	ePKP	31	05.20	0.1			
			iSKP	33	26.20			0.9s		42.00nm				OHR	155.02	327	ePKP	31	05.50	0.0			
BUL	132.11	213	iPKPd	30	27.00	-0.8	UCC	150.28	358	PKPc	30	59.50	1.1	ORO	155.16	352	iPKPd	31	05.10	-0.5			
			ipPKP	31	35.00		MEM	150.40	356	PKPc	30	58.20	-0.4	RJF	155.75	3	ePKP	31	06.20	-0.2			
			iSKP	33	51.00		TNS	150.57	353	iPKPc	31	04.80	5.8X	LFF	156.07	4	ePKP	31	06.70	-0.1			
TET	132.52	221	iPKP	30	29.00	0.6	SRO	150.62	339	iPKP	31	04.40	5.4X	CAF	156.15	2	ePKP	31	07.20	0.3			
			i	33	34.00					e	32	15.00		LPO	156.35	4	ePKP	31	07.30	0.1			
MTD	133.22	219	iPKPd	30	30.00	0.1	ZST	150.67	341	iPKP	31	05.50	6.4X	AQU	157.07	340	e(PKP)	31	11.50	3.3X			
			ipPKP	31	39.00					e	31	13.50		MNS	157.26	342	ePKP	31	08.50	0.2			
			iSKP	33	35.00					e	32	08.00		FRF	157.35	353	ePKP	31	08.10	-0.3			
AKU	133.25	12	iPKPc	30	28.20	-0.1	DMK	150.69	321	ePKP	31	04.20	4.8X	LRG	157.48	354	ePKP	31	08.40	-0.2			
	1.0s	36.00nm					GRF	150.70	349	ePKP	30	59.60	0.5	ORI	157.91	332	e(PKP)	31	05.00	-4.1X			
			i	33	36.20					e	31	05 40		EPF	157.94	6	ePKP	31	09.40	0.2			
KJF	133.85	345	ePKP	30	17.00	-12.5X	KHC	150.76	346	iPKPc	30	59 00	-0.3	LGR	158.11	11	e(PKP)	31	11.50	2.1			
	0.6s	27.40nm						0.9s		193.00nm				TOL	160.22	17	ePKP	31	13.50	1.8			

27d 10h

	i	31 54.50			
	ePP	36 40.00			
AFC	162.81 18 ePKP	31 15 00	0.4		
KIC	163.52 151 iPKP	31 15.90	0.2		
	0.9s 131.00nm				
	e	32 09.50			
	PP	35 52.90			
TAF	165.41 19 iPKP	31 19.00	2.1		
	i	31 46.00			
	i	32 26.00			
	S.D. = 0.9 on 279 of 322 obs.				
*	APR 27, 1985 11h 38m 33.23± 0.75s				
	9.589 N ±11.9km 92.750 E ±11.3km				
	DEPTH = 33.0km (normal)				
	4.6mb (3 obs.)				
	NICOBAR ISLANDS REGION (704)				
CHG	10.96 33 eP	41 11.50	0.6		
GBA	15.52 286 P	42 12.00	0.6		
	S	44 52.00			
HYB	15.84 301 eP	42 19.50	3.9X		
	e	42 31.40			
PKI	19.18 340 eP	42 55.00	-2.4X		
	0.7s 20.00nm	4.5mb			
DMN	19.32 339 eP	42 58.00	-1.0		
	0.7s 28.00nm	4.6mb			
WRA	50.37 126 Pc	47 29.50	-0.1		
	0.6s 5.80nm	4.8mb			
WB2	50.38 126 eP	47 30.00	0.3		
ASPA	52.06 130 eP	47 42.00	-0.4		
	S.D. = 0.9 on 6 of 8 obs.				
&	APR 27, 1985 11h 38m 57.50s				
	36.957 N 121.572 W				
	DEPTH = 5.0km (geophysicist)				
	CENTRAL CALIFORNIA (39)				
	<BRK> ML 3.0 (BRK). Felt at				
	Gilroy.				
SAO	0.22 152 iPd	39 02.20	0.3		
SLD	0.30 67 iP	39 04.00	0.3		
GCC	0.35 282 ePd	39 04.20	-0.3		
	iS	39 09.30			
MHC	0.39 352 iPd	39 05.80	0.5		
	iS	39 11.40			
ARN	0.39 5 iP	39 05.90	0.5		
LLA	0.61 124 iPc	39 09.00	-0.7		
PRS	0.64 165 iPd	39 09.70	-0.7		
PCC	0.84 310 iPc	39 13.20	-1.1		
BKS	1.06 330 eP	39 17.10	-0.8		
	eS	39 34.00			
BRK	1.07 329 eP	39 17.10	-0.9		
PRI	1.09 138 eP	39 17.80	-0.8		
	iS	39 37.40			
ZSP	1.13 331 eP	39 17.90	-1.2		
	i	39 36.20			
JAS1	1.33 43 iPc	39 21.10	-1.5		
	iS	39 38.00			
FRI	1.49 88 eP	39 23.00	-2.0		
	e	39 43.20			
	i	39 44.10			
	14 obs. associated				
?	APR 27, 1985 12h 07m 34.10± 5.25s				
	41.446 N ±39.4km 23.211 E ± 8.2km				
	DEPTH = 10.0km (geophysicist)				
	GREECE-BULGARIA BORDER REGION (363)				
KNT	0.37 220 ePgc	07 41 40	-0.3		
SRS	0.44 139 ePgc	07 42.10	-0.9		
	eSg	07 48.90			
SOH	0.63 170 ePgc	07 46.40	-0.5		
	eSg	07 56.20			
GRG	0.78 232 ePg	07 49.20	-0 2		
	eSg	08 01.80			
THE	0.83 193 ePgd	07 50.60	0.4		
OUR	1.26 152 ePbd	07 58.20	0.8		
PAIG	1.56 167 ePbc	08 02.50	0 6		
	S D. = 0.8 on 7 of 7 obs.				
	APR 27, 1985 12h 33m 06.77± 0.26s				
	40.770 N ± 2.5km 27.344 E ± 2.4km				
	DEPTH = 7.4 ± 1.8 km				
	4.3mb (26 obs.)				
	TURKEY (366)				
	Felt in the Mormoro oreo.				

KGT	0.32 185 iPn	33 13.00	-0.3		
EDC	0.58 137 iPn	33 18 70	0.3		
CTT	0.90 65 iPn	33 25.00	0.7		
KCT	0.93 124 iPn	33 25.00	0.2		
DMK	1.10 16 iPnd	33 28.10	0.5		
EZN	1.22 220 iPnc	33 29.00	-0.7		
ISK	1.33 77 iPn	33 31.50	-0.1		
DST	1.52 139 iPnd	33 35.20	0.8		
YLV	1.56 97 iPn	33 35.00	0.1		
PRK	1.73 209 ePnc	33 37.50	0.1		
	iPb	34 02.50			
KDZ	1.74 301 iPd	33 38.00	0.5		
	iS	34 03.00			
JMB	1.79 342 iPd	33 39.00	0.8		
	eS	34 06.00			
DIM	1.84 314 iPd	33 40.00	1.1		
	eSg	34 41.00			
GPA	2.31 101 iPn	33 45.40	-0.4		
IZM	2.37 182 iP	33 45.00	-1.7		
PLD	2.39 305 iPd	33 47.00	0.1		
	iS	34 19.00			
OUR	2.60 261 iPnd	33 49.10	-0.7		
	eSn	34 30.30			
ALT	2.73 128 iPn	33 52.10	0.2		
MMB	2.85 288 iPd	33 53.00	-0.5		
	iS	34 29.00			
SRS	2 86 278 ePnd	33 53.30	-0.3		
	eSn	34 40.50			
PVL	2.87 326 iPd	33 54.00	0.2		
PAIG	2.92 254 ePnd	33 53.30	-1.2		
	eSn	34 39.90			
PSN	2.98 12 iPd	33 55.00	-0.1		
	iS	34 43.00			
SOH	3.03 272 ePnd	33 55.60	-0.4		
THE	3.33 269 ePn	33 59.90	-0.4		
	eSn	34 53.00			
KNT	3.39 278 ePnd	34 00.90	-0.2		
CGN	3.54 344 iPc	34 03.00	-0.1		
VTS	3.60 302 iP	34 05.00	0.9		
VAY	3.65 280 iPn	34 04.80	0.0		
	i	34 14.40			
	iSn	34 59.80			
BUC1	3.70 345 eP	34 16.00	10.5X		
YER	3.70 168 iPn	34 05.90	0.3		
GRG	3.75 274 ePnd	34 06.90	0.6		
	eSn	35 05.80			
BUC	3.76 346 eP	34 15.00	8.7X		
LIT	3.76 261 ePnd	34 05.20	-1.3		
TLB	3.85 7 iPc	34 07.00	-0.6		
ATH	3.96 226 ePn	34 10.00	0.8		
	eSn	35 20.00			
BCK	4.16 142 iPn	34 11.70	-0.4		
KZN	4.27 266 ePn	34 13.00	-0.7		
ISR	4.40 353 iPd	34 16.00	0.5		
CFR	4.45 7 iPd	34 15.00	-1.1		
ELL	4.49 153 iPn	34 17.80	1.0		
SKO	4.60 287 iPn	34 18.00	-0.3		
	iPb	34 33.00			
	iSn	35 26.20			
BRD	4.75 358 iP	34 00.00	-20.4X		
CMP	4.80 340 ePc	34 00.00	-21.2X		
MLR	4.83 348 eP	34 23 00	1.3		
OHR	4.97 276 iPn	34 24.00	0.4		
ODB	5.01 358 eP	34 24.00	0.0		
VRI	5.12 355 iPc	34 26.00	0.4		
BIR	5.50 2 P	35 00.00	29.0X		
NPS	5.67 195 ePn	34 33.00	-0.4		
IVA	5.95 293 ePn	34 37.00	-0.4		
DEV	6.05 329 ePd	34 38.00	-0.7		
DOC	6.16 355 eP	34 39.00	-1.3		
ULC	6.21 284 ePn	34 43 20	2.2		
	eSn	36 31.00			
TTG	6.28 288 ePn	34 42.50	0.5		
	eSn	36 30.00			
IAS	6.42 1 eP	35 05.00	21.0X		
BDV	6.57 286 ePn	34 49 50	3.4X		
LCI	7.16 270 eP	34 52.00	-2.4		
BMR	7.43 339 ePd	35 10.00	11.9X		
BRT	7.69 274 eP	35 01.20	-0 6		
ORI	8.34 269 eP	35 09.70	-1.2		
PSZ	8.92 326 eP	35 12.60	-6.3X		
JOS	9.12 330 ePn	35 20 00	-1.6		
SGO	9.15 273 eP	35 22.50	0.4		
SRO	9.56 320 e(P)	35 31.00	3.3X		
	e(S)	38 36 00			
DUI	9.75 279 eP	35 31.00	0.6		
SPC	9.80 332 eP	35 29.20	-2.0		

ZST	10.42 319 e(P)	35 46.50	7.0X		
	e	39 32.00			
AQU	10.57 283 eP	35 44.00	2.3		
KRA	10.64 333 eP	35 41.70	-0.8		
	e	35 49.60			
GIB	10.69 259 eP	35 42.00	-1.3		
LJU	10.70 304 e(P)	35 42.30	-1.2		
	e	36 30.40			
	eS	38 34.30			
VKA	10.86 317 eP	35 54.00	8.4X		
	i	38 05.60			
	e	39 43.50			
TRI	11.06 301 e(P)	35 44.50	-3.9X		
	e	35 51.10			
	e	37 34.90			
	e	38 45.30			
	e	39 08.50			
	e	39 20.50			
	i	39 56.00			
VOY	11.10 303 eP	35 47.40	-1.6		
	i	35 53.30			
	e(S)	38 23.30			
MNS	11.11 283 eP	35 49.00	0.1		
KBA	11.89 307 eP	36 03.00	3.2X		
	1.0s 7.00nm	4.9mb			
	i	36 09.80			
	i	37 08.50			
	i	37 41.60			
	e	39 40.00			
CTI	12.57 300 eP	36 04.50	-4.3X		
	ePP	40 04.50			
KSP	12.67 326 eP	36 09.00	-1.0		
KHC	12.83 315 P	36 05.00	-7.2X		
	1.2s 15.00nm	5.1mb			
	e	36 12.10			
	e	39 24.00			
PRU	12.86 320 eP	36 20.00	7.4X		
	Z 12s 0.60um				
	N 16s 0.90um				
	E 16s 1.10um				
	e	36 26.50			
SAL	13.18 297 e(P)	36 26.90	10.0X		
GRF	14.42 314 eP	36 34.00	0.9		
	0.6s 21.00nm	5.0mb			
	Z 21s 0.40um	5.1Msz			
CLL	14.47 322 e(P)	36 43.00	9.2X		
	2.0s 35.00nm	4.7mb			
MOX	14.74 317 eP	36 47.00	9.6X		
	1.6s 56.00nm	4.9mb			
ORO	14.92 295 eP	36 46.50	6.6X		
BUH	15.69 307 eP	36 48.10	-1.7		
GWF	16.18 307 eP	36 59.60	3.6X		
CDF	16.18 305 eP	37 00.80	4.7X		
	1.5s 77.30nm	4.6mb			
BSF	16.29 303 eP	37 00.80	3.2X		
HAU	16.63 303 eP	37 05.20	3.4X		
LBF	17.92 298 eP	37 19.30	1.3		
	1.3s 13.30nm	3.9mb			
SMF	17.95 297 iPc	37 19.40	1.2		
	1.3s 19.40nm	4.1mb			
LOR	18.06 299 eP	37 21.20	1.6		
	1.1s 13.10nm	4.0mb			
SSF	18.25 298 eP	37 23.80	1.8		
	1.0s 14.80nm	4.1mb			
AVF	18.30 297 iPc	37 23.50	0.9		
	1.0s 14.50nm	4.1mb			
DOU	18.43 308 P	37 24.00	-0.1		
GRC	18.59 299 iPc	37 27.20	1.1		
BGF	18.61 296 eP	37 28.90	2.5		
	1.0s 10.30nm	4.0mb			
MZF	18.74 295 eP	37 28.70	0.7		
	1.0s 11.10nm	4.0mb			
CAF	18.97 291 eP	37 31.90	1.1		
	1.1s 12.20nm	4.0mb			
TCF	19.00 295 eP	37 32.50	1.3		
	0.9s 7.50nm	3.9mb			
LSF	19.47 295 eP	37 36.40	-0.5		
	0.8s 3.70nm	3.7mb			
LPO	19.58 290 iPc	37 38.50	0.4		
NUR	19.83 356 eP	37 39.00	-1.7		
	0.6s 10.40nm	4.3mb			
	Z 20s 0.30um	5.2Msz			
	i	37 43.40			
	LR	45 30.00			
LFF	19.91 291 iPc	37 41.30	-0.3		
	1.5s 61.90nm	4.7mb			
UPP	20.05 346 iP	37 46.40	3.4X		

EPF 20.20 285 eP 37 44.50 -0.3
0.7s 3.70nm 3.8mb
MFF 20.66 296 iPc 37 49.10 -0.3
LDF 20.96 301 iPc 37 51.90 -0.6
0.7s 22.90nm 4.6mb
HFS 21.16 341 eP 37 55.20 0.7
0.6s 3.80nm 3.9mb
FLN 21.22 301 iPc 37 54.60 -0.6
GRR 21.40 300 iPc 37 56.50 -0.5
LPF 21.46 299 iPc 37 56.70 -0.9
1.3s 49.40nm 4.7mb
SUF 21.99 359 iPc 38 01.90 -0.9
0.9s 8.70nm 4.2mb
NB2 22.58 339 P 38 08.20 -0.5
1.0s 6.60nm 4.1mb
KJF 23.47 0 eP 38 17.00 -0.3
0.8s 26.40nm 4.9mb
i 38 29.40
SOD 26.66 359 eP 38 49.00 1.5
KIC 44.67 229 eP 41 24.20 2.3
FRB 56.77 328 ePc 42 54.60 1.3
MBC 61.34 351 eP 43 24.00 -0.8
INK 70.31 353 eP 44 20.00 -2.3
YKA 72.64 343 eP 44 36.40 0.1
FFC 75.48 332 eP 44 54.00 1.1
1.2s 9.00nm 4.7mb
S.D. = 1.0 on 98 of 124 obs.

& APR 27, 1985 13h 06m 38.50s
36.653 N 121.332 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.8 (BRK).

SAO 0.14 321 iPc 06 41.25 -0.2
LLA 0.31 97 iPc 06 44.75 -0.1
PRS 0.32 185 iPd 06 45.10 0.1
SLD 0.43 12 iP 06 47.00 -0.1
GCC 0.65 305 eP 06 50.60 -1.0
ARN 0.71 347 iP 06 52.50 -0.3
MHC 0.73 340 iPd 06 52.80 -0.3
i(Sn) 07 05.00
PRI 0.74 133 iPd 06 52.70 -0.6
PHAM 1.11 137 eP 06 58.80 -1.0
PCC 1.19 316 iPd 06 59.60 -1.6
FRI 1.35 75 eP 07 02.20 -1.6
iS 07 20.20
BKS 1.42 330 e(P) 07 05.30 0.3
eS 07 26.30
BRK 1.43 329 e(P) 07 02.50 -2.5
e 07 05.20
JAS1 1.46 30 iPc 07 04.20 -1.4
iS* 07 24.80
ZSP 1.49 331 e(P) 07 03.90 -2.0
ORV 2.90 357 eP 07 25.00 -1.2
EUR 5.09 55 iP 08 23.00 25.5
0.1s 15.08nm
17 obs. ossocioted

• APR 27, 1985 13h 31m 55.22± 1.19s
8.752 N ±16.8km 93.647 E ±13.6km
DEPTH = 33.0km (normol)
4.5mb (5 obs.)
NICOBAR ISLANDS REGION (704)

IPM 8.42 119 ePd 33 58.20 0.2
CHG 11.25 27 eP 34 38.00 1.2
GBA 16.61 288 P 35 49.00 1.7
S 39 05.00
PPT 20.27 338 eP 36 31.00 -0.2
0.8s 23.00nm 4.6mb
DMN 20.42 338 eP 36 32.40 -0.3
0.6s 15.00nm 4.5mb
KKN 20.52 338 eP 36 33.20 -0.5
0.7s 28.00nm 4.7mb
HFS 77.46 330 eP 43 46.60 -2.1
0.7s 2.80nm 4.4mb
NB2 78.73 331 P 44 01.40 5.6X
0.7s 1.50nm 4.1mb
S.D. = 1.5 on 7 of 8 obs.

• APR 27, 1985 15h 07m 41.03± 0.91s
24.663 N ± 8.3km 121.654 E ±14.0km
DEPTH = 33.0km (normol)
TAIWAN (244)

TWC 0.18 107 iPc 07 48.50 1.0
eS 07 59.00
TATO 0.35 334 eP 07 50.20 0.8
TWZ 0.44 351 iPc 07 49.30 -1.4
TWD 0.58 185 iP 07 52.50 -0.3
eS 08 06.50
TWQ 0.84 243 iPc 07 57.50 1.0
TWF1 1.34 194 eP 08 02.50 -1.2
S.D. = 1.4 on 6 of 6 obs.

? APR 27, 1985 15h 13m 12.32± 5.91s
39.453 N ±46.2km 23.001 E ± 9.8km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PAIG 0.71 48 ePgd 13 26.20 0.0
eSg 13 37.30
LIT 0.76 329 ePg 13 26.70 -0.4
OUR 1.16 40 ePb 13 33.80 -0.2
eSb 13 49.80
THE 1.18 359 ePbd 13 34.20 -0.1
eSb 13 50.00
SOH 1.39 11 ePbd 13 37.80 0.0
eSb 13 56.70
GRG 1.57 343 ePbc 13 40.30 0.0
eSb 14 01.30
KNT 1.71 357 ePbc 13 42.70 0.4
eSb 14 04.10
SRS 1.72 15 ePbd 13 42.40 -0.1
eSb 14 04.30
VAY 1.90 350 ePn 13 45.40 0.4
S.D. = 0.3 on 9 of 9 obs.

APR 27, 1985 16h 25m 42.55± 0.26s
45.712 N ± 2.7km 26.579 E ± 3.9km
DEPTH = 81.3 ± 4.3 km
4.5mb (5 obs.)
ROMANIA (358)

VRI 0.19 33 iPc 25 55.00 1.1
ODB 0.34 79 eP 25 54.00 -1.4
BRD 0.38 120 iPc 25 57.00 1.3
FOC 0.42 92 P 25 54.50 -1.4
MLR 0.50 244 iPc 25 55.00 -1.7
ISR 0.57 182 iPd 25 59.00 1.7
BAC 0.88 15 iP 26 00.00 -0.5
BIR 0.92 52 P 26 02.00 1.1
CMP 1.17 248 iPd 25 45.00 -19.1X
DOC 1.20 360 eP 26 05.50 1.1
CFR 1.23 115 iPd 26 04.00 -0.7
BUC1 1.42 196 iPd 26 08.00 0.8
TLB 1.52 137 iPd 26 09.00 0.4
CGN 1.60 195 iPd 26 11.00 1.4
IAS 1.63 24 iP 26 11.00 1.0
PSN 2.33 150 iPd 26 21.00 1.5
DEV 2.58 275 iPc 26 26.00 3.1X
PVL 2.76 202 iPd 26 26.00 0.6
BMR 2.89 314 iPd 26 28.00 0.8
JMB 3.24 180 iP 26 32.00 -0.2
Sg 27 06.00
CEI 3.45 306 P 26 40.00 4.9X
DIM 3.73 191 iP 26 39.00 0.0
VTS 3.95 219 iPgc 26 42.00 0.1
iSg 27 25.00
DMK 3.98 167 iPnc 26 42.20 -0.3
KDZ 4.17 193 iPd 26 45.00 -0.1
iS 27 31.00
MMB 4.61 208 iPc 26 52.00 0.7
iS 27 43.00
CTT 4.76 163 iPnd 26 52.80 -0.5
JOS 4.98 306 iPd 26 56.30 0.0
0.8s 36.00nm
ISK 4.98 158 iPn 26 55.80 -0.6
SRS 5.08 206 ePnc 26 58.10 0.3
PSZ 5.09 298 iPc 26 57.80 -0.2
0.9s 58.60nm 4.8mb X
VAY 5.27 215 iPn 27 01.00 0.6
SKO 5.27 227 ePn 26 59.50 -1.0
KNT 5.28 212 ePnc 27 00.90 0.3
KGT 5.28 174 iPn 26 59.80 -0.8
SOH 5.43 207 ePn 27 02.90 0.3
EDC 5.44 170 iPnd 27 01.80 -1.1
YLV 5.53 157 iPn 27 02.50 -1.7
KCT 5.61 166 ePn 27 02.00 -3.2X
GRG 5.64 214 ePn 27 06.10 0.4
OUR 5.70 200 iPnc 27 06.40 0.0
EZN 5.89 182 iPn 27 07.90 -1.1
SRO 6.05 293 iPc 27 11.80 0.5
GPA 6.07 152 iPn 27 10.40 -1.2
PAIG 6.16 201 ePnc 27 12.30 -0.5
KRA 6.23 317 iPd 27 14.10 0.4
0.8s 83.00nm 5.2mb X
e 27 16.60
DST 6.29 165 ePn 27 11.30 -3.3X
ZST 6.95 294 iP 27 23.40 -0.2
i 27 31.50
ALT 7.15 157 iPn 27 25.60 -0.9
SOP 7.17 290 ePc 27 26.70 0.1
KSP 8.56 311 iPc 27 45.00 -0.8
PRU 9.15 302 eP 28 02.30 8.4X
KHC 9.45 296 iPd 27 59.00 1.0
e 28 25.00
BRG 9.87 306 e(P) 28 15.00 11.3X
NUR 14.87 356 eP 29 03.00 -6.4X
0.6s 14.30nm 4.4mb
i 29 05.50
UPP 15.15 343 iP 29 10.70 -2.2
i 31 50.80
HFS 16.35 337 eP 29 25.10 -3.1X
0.4s 5.90nm 4.1mb
SUF 17.04 359 eP 29 34.00 -2.7
NB2 17.80 335 P 29 44.60 -1.5
0.5s 3.40nm 3.8mb
KJF 18.54 2 eP 29 50.00 -5.0X
e 30 03.00
SOD 21.71 0 iP 30 28.80 0.9
i 30 44.10
KIC 47.67 224 eP 34 12.80 0.2
DMN 49.19 91 eP 34 26.00 1.4
0.5s 8.00nm 5.0mb
KKN 49.20 90 eP 34 26.00 1.4
0.6s 20.00nm 5.3mb
PKI 49.43 90 eP 34 27.40 0.9
YKA 67.76 342 eP 36 34.00 1.0
S.D. = 1.1 on 56 of 66 obs.

• APR 27, 1985 16h 50m 15.00± 0.43s
9.731 S ±10.3km 159.424 E ±11.2km
DEPTH = 531.3 ± 5.3 km
4.6mb (4 obs.)
SOLOMON ISLANDS (193)

VSG 0.55 31 eP 51 20.00 -0.3
eS 52 11.00
HNR 0.59 60 eP 51 20.00 -0.3
eS 52 12.00
SVO 0.69 34 eP 51 21.00 0.6
RMQ 19.49 210 eP 54 09.00 0.8
WB2 26.24 244 eP 55 08.80 -0.6
WRA 26.25 244 Pd 55 08.80 -0.7
0.6s 7.60nm 4.5mb
TCW 33.99 160 P 56 15.40 -0.1
MBL 39.71 249 iPc 57 02.60 -0.2
MEK 42.09 241 eP 57 22.00 0.2
NAU 43.91 248 eP 57 36.00 -0.2
PKI 80.58 300 iPd 01 34.00 0.2
0.5s 11.00nm 4.6mb
KKN 80.75 300 iPd 01 35.00 0.4
0.5s 9.00nm 4.5mb
DMN 80.85 300 iPd 01 35.80 0.7
0.6s 14.00nm 4.7mb
INK 90.75 20 eP 02 21.00 -0.5
YKA 96.69 28 eP 02 48.60 -0.1
S.D. = 0.5 on 15 of 15 obs.

• APR 27, 1985 17h 53m 11.57± 1.28s
8.766 S ±12.7km 118.575 E ± 8.6km
DEPTH = 110.5 ± 20.1 km
3.3mb (1 obs.)
SUMBAWA ISLAND REGION (285)

TRT 5.97 280 ePc 54 39.00 0.0
eS 55 43.20
MBL 12.38 175 eP 56 05.00 -0.2
0.3s 18.00nm 5.2mb X
MTN 12.98 109 eP 56 13.00 -0.1
NAU 14.01 192 eP 56 27.00 0.5
MEK 17.75 180 eP 57 13.00 -0.2
WB2 18.88 128 eP 57 25.80 -0.3
MRWA 20.49 186 eP 57 42.00 -0.7
ASPA 20.85 137 eP 57 47.00 0.6
KLG 22.07 173 iPc 57 58.80 0.3
NWAO 24.08 183 eP 58 18.00 0.1
0.6s 0.80nm 3.3mb
S.D. = 0.5 on 10 of 10 obs.

27d 17h

• APR 27, 1985 17h 56m 31.20± 2.14s
31.576 S ±19.5km 69.264 W ±10.8km
DEPTH = 142.4 ± 17.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.41	77	iPd	56	51.30	-0.5
ZON	0.50	87	eP	56	52.00	0.0
RTCV	0.68	115	iPd	56	53.00	-0.1
RTLL	0.72	70	iPd	56	53.30	-0.1
			S	57	08.50	
CFA	0.88	92	iPc	56	54.40	-0.1
			S	57	10.00	
MDZ	1.35	165	iP	57	01.80	2.8X
			iS	57	16.80	
JACH	1.58	225	iPc	57	01.90	0.4
FCH	1.95	206	ePd	57	07.30	1.3
			iS	57	33.10	
PEL	1.97	217	iPd	57	06.30	0.3
			iS	57	30.90	
SAN	2.21	212	iP	57	09.20	0.3
			iS	57	36.50	
TACH	2.51	214	ePc	57	12.10	-0.4
			iS	57	43.00	
LNV	2.98	217	iPc	57	17.30	-1.3
RFA	3.26	168	iPc	57	22.00	-0.2
			(S)	57	58.70	
TCA	4.00	88	iPd	57	32.70	0.6
			S	58	15.50	
VBA	8.81	139	ePc	58	36.40	-0.3

S.D. = 0.7 on 14 of 15 obs.

• APR 27, 1985 18h 43m 29.78± 1.90s
31.064 S ±20.1km 68.108 W ±10.4km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.41	229	iPd	43	38.30	0.2
			S	43	45.00	
CFA	0.55	192	ePd	43	41.00	0.0
			S	43	48.90	
RTCB	0.73	234	ePd	43	44.00	-0.1
			(S)	43	55.00	
RTCV	0.87	205	ePd	43	46.50	-0.1
			S	43	59.00	
MDZ	1.92	199	eP	44	32.80	29.9X
TCA	3.03	96	ePd	44	18.70	0.0
			S	45	01.40	

S.D. = 0.2 on 5 of 6 obs.

APR 27, 1985 19h 00m 12.70± 1.02s
37.784 N ± 9.5km 21.041 E ± 4.9km
DEPTH = 47.6 ± 7.7 km
4.2mb (3 obs.)
SOUTHERN GREECE (368)

VLS	0.53	318	ePg	00	22.50	-1.8
			eSg	00	30.50	
ATH	2.13	84	ePn	00	47.50	1.1
			eSn	01	16.00	
LIT	2.57	26	ePnd	00	53.50	0.6
KZN	2.58	12	ePn	00	54.00	1.0
PAIG	2.97	43	ePn	00	58.40	0.0
THE	3.21	27	ePnc	01	02.50	0.7
OHR	3.33	357	iPn	01	04.00	0.4
GRG	3.34	18	ePnd	01	04.10	0.4
OUR	3.42	41	ePnc	01	05.00	0.1
LCI	3.50	318	ePn	01	06.50	0.5
SOH	3.52	30	ePn	01	06.70	0.3
			eSn	01	54.70	
KNT	3.67	22	ePnd	01	08.90	0.5
VAY	3.72	18	iPn	01	09.30	0.1
SRS	3.87	30	ePnc	01	11.20	0.0
SKO	4.19	4	ePn	01	14.40	-1.4
			i	01	28.00	
			eSn	02	11.00	
			i	02	14.00	
ORI	4.24	304	ePn	01	20.00	3.7X
BRT	4.29	317	ePn	01	19.00	1.9
			eSn	02	44.50	
PRK	4.35	69	ePn	01	21.00	3.0X
NPS	4.46	123	ePg	01	41.00	21.5X
EZN	4.60	62	ePn	01	20.00	-1.5
TTG	4.84	344	ePn	01	24.50	-0.2
			eSn	02	21.30	
IZM	4.95	81	ePn	01	26.10	-0.3
HCY	5.05	338	ePn	01	26.50	-1.3
			eSn	02	26.00	
BRY	5.45	340	ePn	01	35.00	1.3
			eSn	02	34.00	
GIB	5.56	274	ePn	01	36.50	1.4
			eSn	02	43.00	
MNS	7.89	308	ePn	02	13.50	6.0X
VRI	9.12	26	eP	02	30.00	5.4X
CEY	9.36	330	eP	02	27.40	-0.4
			eS	04	10.20	
LJU	9.57	332	e(Pn)	02	29.30	-1.4
TRI	9.60	328	eP	02	30.00	-1.1
			e	04	13.70	
VOY	9.81	329	eP	02	32.40	-1.6
			eS	04	13.70	
HFS	22.85	351	eP	05	13.50	1.0
	0.6s		3.70nm			4.0mb
NUR	22.86	5	eP	05	13.00	0.5
NB2	24.09	348	P	05	25.60	1.1
	1.0s		6.10nm			4.1mb
SUF	25.16	6	iP	05	35.50	0.8
KJF	26.75	6	eP	05	50.00	0.6
SOD	29.81	4	eP	06	15.00	-1.9
DMN	53.93	81	eP	09	33.50	-0.6
KKN	53.98	81	eP	09	33.60	-0.8
	0.6s		4.00nm			4.6mb

S.D. = 1.1 on 34 of 39 obs.

APR 27, 1985 20h 24m 21.41± 0.90s
52.775 N ± 6.8km 172.387 W ± 3.8km
DEPTH = 130.2 ± 8.3 km
4.9mb (25 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	2.78	253	eP	25	05.80	0.0
SDN	7.46	65	eP	26	07.00	-1.7
KDC	12.37	58	eP	27	10.00	-3.9X
TTA	13.35	34	eP	27	28.70	2.0
PME	15.37	46	eP	27	51.80	-0.4
IMA	16.27	28	eP	28	06.00	2.5
COL	17.44	36	eP	28	16.00	-1.6
	0.8s		44.78nm			4.8mb
FBA	17.44	36	eP	28	16.20	-1.4
BRW	19.86	15	eP	28	44.50	0.7
SIT	21.54	64	eP	29	02.60	1.7
INK	24.05	35	eP	29	25.00	-0.1
	0.4s		84.00nm			5.6mb
MBC	30.83	22	eP	30	28.00	1.6
YKA	31.36	49	eP	30	30.50	-0.6
YKC	31.43	49	eP	30	31.00	-0.7
GMW	31.68	79	P	30	35.00	0.9
PNT	32.74	74	iPc	30	43.90	0.6
	0.8s		38.00nm			5.2mb
EDM	34.65	65	iP	31	00.00	0.3
	0.6s		191.00nm			6.1mb X
NEW	34.69	75	P	31	00.00	-0.1
	0.7s		24.33nm			5.1mb
MAT	37.88	265	iPc	31	27.80	0.8
	0.8s		31.34nm			5.2mb
WCN	38.07	89	P	31	29.80	1.0
JAS1	38.54	91	eP	31	32.80	0.3
LRM	38.68	76	eP	31	33.80	-0.1
BMN	38.92	86	iP	31	36.30	0.5
	0.8s		9.56nm			4.6mb
			i	32	04.20	
FRI	39.58	92	P	31	57.00	16.0X
			pP	32	20.60	101kmX
FFC	40.08	58	eP	31	44.00	-0.9
	0.5s		11.00nm			4.9mb
EUR	40 26	86	iP	31	48.00	1.1
	0.1s		80.80nm			6.4mb X
CLC	41.63	92	eP	31	58.00	0.0
			e	32	26.00	
BDW	42.11	78	iP	32	02.20	0.1
	1.0s		25.00nm			4.9mb
			i	32	30.20	
GSC	42.45	92	eP	32	05.00	0.2
			e	32	34 00	
SDW	42.76	92	P	32	07.90	0.7
MSU	43.17	84	P	32	11.50	0.8
			pP	32	40.00	125kmX
TPC	43.72	92	eP	32	15.00	0.0
			e	32	44.00	
PLM	43.74	94	eP	32	15.00	-0.3
			e	32	44.00	
BAR	44.32	94	eP	32	20.00	0.2
RMU	44.82	85	iP	32	23 50	-0.4
GLA	45 18	92	eP	32	26.00	-0.6
GOL	46.50	78	iP	32	36.50	-0.7
	0.8s		11.61nm			4.6mb
			e	33	06.50	
ALQ	48.97	84	eP	32	52.50	-3.9X
	1.0s		7.25nm			4.4mb
			epP	33	23.50	135kmX
DAG	49.64	8	iPd	33	00.10	-0.6
	0.5s		4.23nm			4.5mb
			i	33	31.00	
FRB	49.70	34	eP	33	00.00	-1.3
LHC	50.15	59	iPc	33	04.10	-0.8
TIA	50.86	281	P	33	10.80	0.3
SSE	51.93	273	Pc	33	18.40	-0.2
	1.1s		13.00nm			4.7mb
LTX	54.57	87	iP	33	37.20	-1.0
	1.0s		18.00nm			4.9mb
			e	34	06.00	
SCH	56.42	42	eP	33	49.00	-2.1
XAN	57.22	284	eP	33	56.00	-1.0
			PcP	34	49.00	
SOD	59.33	352	eP	34	13.00	1.9
WMQ	61.82	306	Pc	34	28.70	0.3
NAV	62.23	64	P	34	30.20	-0.9
KJF	62.32	350	iP	34	31.00	-0.3
CD2	62.49	286	P	34	33.10	0.1
BLA	62.51	64	P	34	32.20	-0.8
	1.0s		55.00nm			5.5mb
CVL	63.01	62	P	34	37.30	1.1
GYA	64.05	280	P	34	42.80	-0.5
MAN	64.29	260	eP	34	45.50	0.7
NUR	66.24	351	iP	34	56.50	-0.2
	0.6s		18.20nm			5.2mb
NB2	66.50	358	P	34	57.80	-0.6
	0.5s		1.50nm			4.1mb
HFS	67.34	357	eP	35	02.50	-1.1
	0.4s		6.30nm			4.8mb
KMI	67.38	282	eP	35	03.00	-1.7
LOE	73.87	278	eP	35	41.70	-1.8
CHG	74.46	281	iPd	35	43.00	-3.9X
	0.6s		10.00nm			4.8mb
KKN	75.32	297	eP	35	52.30	0.3
PKI	75.42	296	eP	35	52.70	0.0
	0.7s		20.00nm			5.0mb
DMN	75.56	297	eP	35	53.60	0.2
	0.3s		18.00nm			5.3mb
KBA	80.40	356	iPc	36	20.40	0.9
	0.5s		2.70nm			4.3mb
CTA	80.94	219	iPd	36	22.00	-0.3
	0.9s		20.17nm			4.9mb
QUE	82.58	311	eP	36	32 00	0.9
IPM	84.32	270	ePc	36	41.00	1.2
	0.9s		36.40nm			5.2mb
WB2	85.84	229	eP	36	27.50	-19.7X
			i	36	46.70	
HYB	87.31	295	eP	36	53.70	-0.9
	1.0s		45.00nm			5.4mb
ASPA	89.28	228	iPd	37	03.90	0.2
	0.8s		35.00nm			5.5mb
MTD	139.44	323	ePKP	43	36.00	1.1
			i	46	58.00	
KRI	140.18	326	ePKP	43	37.00	0.7
			i	46	00.00	
SPA	142.59	180	e(PKP)	43	35.00	-4.1X
BUL	143.59	325	iPKPc	43	40.00	-2.2X
			i	47	09.00	
KSR	149.46	324	iPKPc	43	56.50	4.8X
	1.2s		54.00nm			
MAW	150.04	219	ePKP	43	56.00	5.0X
BFS	150.44	324	iPKPc	43	58.60	5.5X
	0.9s		58.82nm			
SWZ	151.22	326	iPKPd	44	00.80	6.5X
	0.7s		58.22nm			

S.D. = 1.0 on 68 of 79 obs.

APR 27, 1985 21h 04m 03.71± 0.52s
45.843 N ± 6.2km 10.088 E ± 3.6km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.0 (LDG), 2.4 (KBA).

SAL	0.39	127	iPgc	04	10.00	-1.6
			iSg	04	16.00	
VDL	0.77	326	iP	04	18.50	-0.4
OSS	0.85	3	iP	04	19.70	-0.4
CTI	1.11	79	ePg	04	24.00	-0.6
OGA	1.21	32	iPgd	04	25.90	-0.5
			iSg	04	41.30	
LLS	1.27	324	eP	04	27.20	-0.3

ORO	1.49	262	ePg	04	31.50	0.8
			eSg	04	52.00	
MMK	1.50	279	eP+	04	31.00	0.2
SCE	1.64	43	eP	04	32.90	0.0
DIX	1.88	278	eP	04	38.70	2.2
ZUL	2.01	325	iP	04	39.10	1.0
EMS	2.21	277	eP	04	43.00	1.8
SLE	2.21	331	eP+	04	46.10	5.1X
KBA	2.57	60	ePn	04	48.00	1.8
			iPg	04	51.50	
			i	04	52.70	
			iSg	05	18.80	
			i	05	22.80	
TRI	2.58	92	eP	04	47.00	0.9
			e	04	51.70	
			e	05	15.20	
			i	05	24.00	
			i	05	30.30	
VOY	2.66	85	e(Pn)	04	48.00	0.5
			i	04	54.30	
			iSn	05	25.80	
			i	05	33.70	
BSF	3.01	313	Pn	04	52.30	-0.1
			Sn	05	28.20	
CEY	3.04	90	e(Pn)	05	25.20	32.5X
			e(Sn)	05	40.80	
BUH	3.10	337	ePn	04	53.60	-0.1
LJU	3.11	85	eP	05	08.80	15.1X
			e(Sn)	05	41.30	
CDF	3.21	324	Pn	04	55.20	0.0
			Sn	05	32.60	
HAU	3.35	312	Pn	04	57.00	-0.2
			Sn	05	35.80	
GWF	3.56	333	ePn	05	00.20	0.1
KHC	4.05	34	ePn	05	18.50	11.4X
			Sg	06	12.00	
LBF	4.38	287	Pn	05	10.50	-1.3
			Sg	06	00.70	
SMF	4.41	283	Pn	05	11.10	-1.1
			Sg	06	02.10	
LOR	4.53	291	Pn	05	12.70	-1.2
			Sn	06	05.10	
AVF	4.76	284	Pn	05	15.90	-1.3

S.D. = 1.1 on 24 of 28 obs.

APR 28, 1985 01h 35m 55.95± 1.19s
40.700 N ±11.0km 20.869 E ± 9 0km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

OHR	0.41	353	iPg	36	02 30	-2.1
			iSg	36	10.00	
GRG	1.19	77	ePb	36	18.10	-0.1
			eSb	36	38 50	
SKO	1.34	18	iPg	36	21.00	0.3
			iSg	36	38.00	
LIT	1.37	115	ePbd	36	21 20	0.0
			eSb	36	43 90	
VAY	1.43	64	iPn	36	23.40	1.5
THE	1.60	92	ePn	36	23.50	-0.8
KNT	1.61	73	ePnd	36	24.50	0.1
ULC	1.76	317	ePg	36	26.30	-0.3
			eSg	36	51.50	
SOH	1.89	86	ePnd	36	28.80	0.2
PVY	2.01	341	ePn	36	32.00	1.6
			eSn	37	01.00	
TTG	2.11	326	ePn	36	32.00	0.3
			iSn	37	01.50	
PAIG	2.28	109	ePn	36	33.50	-0.8
IVA	2.29	342	ePn	36	37.50	3.1X
			eSn	37	08.00	

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

• APR 28, 1985 01h 40m 26.33± 0.86s
17.380 S ±11.1km 70.636 W ±11.7km
DEPTH = 116.6 ± 9.5 km
4.7mb (1 obs.)
NEAR COAST OF PERU (115)

ARE	1.23	318	iPc	40	51.00	-0.1
CCH	4.29	91	iP	41	31.60	0.6
	0 4s		6.20nm			
ANT	6.30	178	iP	41	57.70	-0.4
			i	43	05.80	
			eS	46	04.00	
SLA	8.75	148	ePc	42	32.40	0.8
BAO	21.78	89	iP	45	09.40	-0.6

VAO	22.89	108	eP	45	19.20	-1.6
			e	45	21.20	
			e	45	28.10	
			e	45	36.60	
RLO	58.04	337	e(P)	50	09.50	0.2
QZO	58.70	333	eP	50	12.40	-1.6
	0.9s		7.30nm		4.7mb	
MNT	62.64	358	iPd	50	39.40	-0.9
LHC	67.58	347	eP	51	39.00	26.9X
KIC	69.21	76	iP	51	22.70	-0.2
SCH	71.98	2	eP	51	38.00	-0.8
FRB	80.88	1	eP	52	28.00	-0.2
TOL	84.12	45	eP	52	47.50	2.0
YKC	86.73	341	eP	52	59.00	1.1
YKA	86.78	341	eP	52	59.80	1.7
LAT	135.81	240	iPKP	59	18.60	-17.2X
MAT	148.17	313	ePKP	00	02.00	5.2X
	0.6s		7.33nm			

S.D. = 1.2 on 15 of 18 obs.

APR 28, 1985 02h 15m 10.34± 0.28s
12.434 N ± 4.4km 126.055 E ± 7.1km
DEPTH = 33.0km (normal)
5.0mb (9 obs.) 4.7Msz (2 obs.)
PHILIPPINE ISLANDS REGION (248)

CGP	4.17	199	iPc	16	11 00	-2.3
			eS	16	29.50	
DAV	5.33	185	eP	16	34.00	4.2X
BAG	6.61	307	eP	16	45.00	-3.0
ANP	13.39	342	eP	18	40.00	19.4X
SSE	19.11	347	P	19	33.60	0.4
			sP	19	48.00	
			S	23	04.00	
			sS	23	28.00	
NJ2	20.62	342	eP	19	52.00	2.5
JAY	20.79	135	ePc	19	51.00	-0.5
WHN	21.03	331	eP	19	54.50	0.9
SHK	22.81	14	eP	20	07.00	-4.4X
GYA	22.95	310	P	20	15.20	2.1
LOE	24.01	285	eP	20	25.00	1.7
KGM	24.79	247	eP	20	31.00	0.2
TIA	25.01	343	P	20	32.30	-0.4
KMI	25.37	303	eP	20	37.00	0 4
			S	25	02.00	
MTN	25.62	168	eP	20	38.00	-0.6
IPM	25.93	255	ePd	20	41.90	0.3
MAT	26.38	22	(P)	20	46.00	0.5
	1.0s		10.00nm		4.4mb	
	Z 20s		0.53um		4.1Msz	
			eS	25	26 00	
XAN	26.57	327	P	20	46.20	-1.2
CHG	26.85	287	eP	20	49.50	-0.5
CD2	27.60	315	eP	20	56.60	-0.2
			eS	25	32.00	
SNY	29.36	356	Pc	21	12.30	-0.2
CN2	31.26	359	eP	21	28.00	-1.2
BTO	31.40	336	eP	21	30.00	-0.7
MDJ	32.21	5	eP	21	37.00	-0.6
WB2	33.19	166	iPd	21	45.60	-0.8
			eS	24	27.20	
MBL	33.94	190	eP	21	52.00	-0.8
GTA	35.50	324	P	22	06.50	0.2
ASPA	36.69	168	eP	22	16.00	-0.2
CTA	37.94	148	iPd	22	27.00	0.2
	1.2s		27.34nm		5.0mb	
KLB	44.49	190	eP	23	21.00	0.5
WMQ	45.41	321	eP	23	28.80	1.0
NWAO	45.88	190	eP	23	32.00	0.5
HYB	46.08	282	ePd	23	34.10	0.7
	0.8s		26.90nm		5.2mb	
STK	46.51	162	iPd	23	37.70	1.2
	0.8s		29.00nm		5.3mb	
ADE	48.64	166	iPd	23	54.60	1.4
	0.8s		22.39nm		5.2mb	
BFD	51.73	163	iPc	24	17.80	1.1
QUE	57.23	298	eP	24	56.90	-0.5
MHI	63.90	304	eP	25	43.00	0.4
IR2	70.86	304	(P)	26	27.00	0.6
BRW	74.20	19	eP	26	46.00	0.8
IMA	74.77	25	eP	26	49.00	0.2
	1.0s		10 00nm		4.8mb	
KEV	81.54	340	eP	27	23.00	-2.7
SOD	82.22	337	iP	27	29 60	0.3
			i	27	40 20	
INK	82.37	22	ePc	27	28.50	-1.5
KJF	82.51	334	eP	27	30 00	-0.8

SUF	83.54	333	iP	27	36.10	0.0
	0.5s		3.30nm		4.7mb	
MBC	83.66	13	eP	27	36.00	-0.5
NUR	84.82	331	iP	27	43.00	0.4
	0.9s		28.70nm		5.5mb	
ALE	85.13	1	eP	27	43.00	-0.8
	1.2s		10.00nm		4.9mb	
VRI	87.57	316	eP	27	57.00	0.5
NAI	89.54	269	eP	28	08.00	1.3
KRA	90.64	322	eP	28	10.90	0.0
JOS	90.81	320	eP	28	11.70	0.9
VAY	91.77	313	eP	28	16 00	-0 2
YKA	91.88	24	eP	28	17.20	0.9
SKO	92.36	314	iP	28	19.00	0 9
Z	19s		1.35um		5.4Msz	
E	19s		1.21um			
SBA	92.99	172	e(P)	28	21.50	0.5
			e	45	15.60	
OHR	93.10	313	eP	28	21.00	-1.5
VOY	95.93	320	e(P)	28	35.40	0.0
			e	28	46.40	

S.D. = 1.1 on 56 of 59 obs.

APR 28, 1985 02h 53m 41.53± 0.34s
32.998 S ± 5.8km 71.766 W ± 5.4km
DEPTH = 33.0km (normal)
5.3mb (21 obs.) 5.2Msz (6 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (III) at Santiago.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 26C
Centroid Location:
Origin Time 02:53:47.5 0.3
Lat 33.18S 0.04 Lon 71.90W 0.05
Dep 29.6 2.4 Half-duration 2.3
Moment Tensor; Scale 10**24 D-CM
Mrr= 2.10 0.08 Mtt= 0.18 0.11
Mff=-2.28 0.14 Mrt= 0.25 0.14
Mrf=-2.37 0.25 Mtf=-0.03 0.08
Principal Axes:
T Val= 3.16 Plg=66 Azm= 78
N 0.16 4 177
P -3.32 24 269
Best Double Couple:Mo=3.2*10**24
NP1:Strike= 7 Dip=22 Slip= 100
NP2: 176 69 86

PEL	0.92	99	iPd	53	58.20	0.1
TACH	0.95	134	iPc	53	59.00	0.4
SAN	1.03	116	iPd	54	00.60	0.9
JACH	1.04	73	iP	54	00.50	0.6
FCH	1.28	105	iPd	54	04.70	1.2
MDZ	2.45	88	i(P)	54	23.90	3.7X
RTCB	2.93	60	iPd	54	30.60	3.7X
RTCV	2.96	68	ePc	54	30.10	2.8
ZON	2.99	62	eP	54	32.00	4.2X
			eS	55	09.00	
RTLL	3.25	60	ePd	54	34.20	2.7
RFA	3.26	124	ePc	54	33.50	1.8
			S	55	19.10	
CFA	3.29	66	ePd	54	34.50	2.5
			S	55	15.90	
TCA	6.30	77	ePc	55	13.30	-1.4
CYA	6.86	50	iPc	55	20.20	-2 2
FSA	8.52	37	iPd	55	43.20	-2.3
ANT	9.33	8	eP	55	58.00	1.2
			i	56	09.00	
			eS	57	47.00	
VBA	9.44	125	eP	55	56.70	-1.6
SLA	9.90	35	ePc	56	02.20	-2.6
			S	58	26.00	
LPA	11.65	103	iPc+	56	26.40	-2 6
			iS	58	36.40	
CCH	16.35	19	eP	57	29.00	-1 6
ARE	16.47	1	eP	57	35.00	3 0
ITB7	17.25	67	e(P)	57	50.00	8.5x
ITB1	17.34	66	e(P)	57	48.70	6 2X
ITB	17.40	66	e(P)	57	47.50	4.2X
VAO	24.00	72	eP	58	53.00	-1.3
RDJ	27.07	75	eP	59	22.40	-0.6
BAO	27.61	57	iP	59	26.40	-1.7
BOG	37.48	356	eP	00	55.00	0 7
			eS	06	47.00	
FUQ	38.30	357	eP	01	03.50	2 3
BMG	39.87	358	eP	01	26.00	12.0x
TOV	42.59	3	eP	01	37.00	0.8

28d 03h

CAR	43.50	7	eP	01	43.00	-0.8				e	19	55.00		MBL	23.10	195	eP	35	58.00	-0.5
	0 3s	51.95nm			5.8mb		YKC	101.14	341	ePdiff	07	28.00	-1.1	OIZ	23.93	319	eP	36	07.40	0.9
SJG	51.10	7	eP	02	42.00	-1.1	YKA	101.18	341	ePdiff	07	29.60	0.3	IPM	25.42	278	ePd	36	21.60	0.7
	0.8s	26.12nm			5.2mb		NUR	121.16	35	ePKP	12	29.00	-2.7	ASPA	25.82	164	iPc	36	24.40	-0.1
	Z 20s	2.13um			5.2Msz			Z 22s		0.60um			5.2Msz	NAU	25.84	203	eP	36	25.00	0.4
SNA	52.41	156	e(P)	02	53.00	0.5				LR	01	30.00		GYA	31.39	325	P	37	14.80	0.0
SPA	57.18	180	iPd	03	27.70	0.2	WB2	121.74	209	ePKP	12	33.50	-0.6	KLB	33.61	193	iPc	37	34.20	0.3
	0.9s	19.09nm			5.1mb		SUF	122.30	33	ePKP	12	33.00	-0.8		0.5s	17.00nm			5.2mb	
		e		03	37.00		SOD	123.18	27	ePKP	12	45.00	9.6X	MUN	34.36	195	eP	37	40.00	-0.4
SBA	64.10	192	e(P)	04	12.70	-1.4	KJF	123.23	31	ePKP	12	35.00	-0.5	NWAO	35.01	193	eP	37	45.00	-0.9
		e		32	53.60		KGM	148.84	170	ePKP	13	26.50	2.6X	STK	35.98	157	eP	37	54.00	-0.2
LTX	68.97	330	eP	04	46.10	0.4	HYB	149.13	113	ePKP	13	23.50	-0.7	RKG	36.15	193	eP	38	01.00	5.3X
	0.8s	12.41nm			5.0mb		IPM	150.94	165	ePKPd	13	32.20	5.1X	CD2	36.43	326	eP	37	57.80	-0.3
	Z 22s	1.12um			5.1Msz					i	13	44.00		XAN	36.47	335	eP	37	57.60	-0.8
BHO	70.45	340	eP	04	55.00	0.5	NDI	153.08	91	ePKP	13	29.30	-0.4	YOU	40.96	152	eP	38	36.80	1.1
NAV	70.46	352	P	04	54.00	-0.5	SHL	163.94	113	ePKP	13	40.00	-2.7	CAN	42.10	152	eP	38	46.20	1.1
POW	71.15	343	P	04	58.00	-0.7		S.D. = 1.3		on 74 of 98 obs.				WAM	42.76	153	eP	38	34.80	-15.6X
ELC	71.79	345	P	05	02.00	-0.5								MDJ	43.32	3	eP	38	55.50	0.6
SIO	72.14	339	eP	05	05.00	0.3	• APR 28, 1985 02h 56m 48.61± 1.82s							GTA	45.03	331	P	39	09.60	0.6
TUL	72.15	340	eP	05	04.50	-0.2	10.082 S ±11.4km 161.171 E ±18.6km							IR2	77.42	306	(P)	42	48.00	-0.4
	0.7s	40.50nm			5.5mb		DEPTH = 111.8 ± 12.1 km							KJF	92.65	334	eP	44	03.00	-0.8
	Z 20s	0.34um			4.6Msz		4.5mb (4 obs.)							INK	92.67	22	eP	44	03.00	-0.9
RLO	72.16	340	iP	05	04.50	-0.3	SOLOMON ISLANDS						(193)	SUF	93.57	333	eP	44	08.00	-0.1
QZO	72.32	336	eP	05	04.50	-1.3									S.D. = 0.7		on 21 of 24 obs.			
FVM	72.73	345	eP	05	07.10	-0.9	HNR	1.37	298	eP	57	14.00	-0.3							
	0.8s	30.30nm			5.3mb					eS	57	34.00		APR 28, 1985 04h 34m 58.17± 0.79s						
CER	73.52	119	eP	05	14.00	1.0	SVO	1.63	305	iP	57	17.40	0.0	51.675 N ± 5.7km 7.228 E ± 8.6km						
KIC	74.55	72	eP	05	18.80	-0.4				S	57	36.00		DEPTH = 10.0km (geophysicist)						
ALQ	75.01	331	eP	05	21.00	-0.6	VSG	1.66	300	P	57	18.00	0.2	GERMANY						(543)
	1.0s	22.50nm			5.1mb					S	57	29.00		ML 3.4 (KOE).						
	Z 20s	1.72um			5.3Msz		BGA	7.10	303	eP	58	32.00	0.4							
		e		05	31.50					eS	00	13.00		WTS	0.41	321	iPgc	35	05.80	-0.8
WIN	77.16	109	eP	05	29.00	-5.1X	PVC	10.29	138	iPc	59	09.00	-5.6X		0.9s	280.00nm				
	1.2s	37.50nm			5.3mb		NOU	13.17	158	iPc	59	55.00	2.5X				e	35	16.50	
GLA	77.21	324	eP	05	45.00	11.2X				iS	02	10.00					e	35	18.50	
BAR	77.84	322	eP	05	44.00	6.7X	CTA	17.49	234	iPc	00	49.50	2.5X	BNS	0.71	183	eP	35	14.30	2.1
MNT	78.15	359	eP	05	38.00	-0.6		0.8s	14.55nm			4.3mb			1.3s	1400.00nm				
PLM	78.47	323	eP	05	51.00	10.0X	RMO	20.10	214	eP	01	16.00	0.2				eSg	35	22.40	
TPC	78.66	324	eP	05	43.00	1 2	WB2	27.66	246	eP	02	28.00	0.0	PLH	0.72	201	ePd	35	11.70	-0.5
RMU	78.73	329	eP	05	54.00	11.7X				i	02	51.90		KLL	1.18	210	eP	35	20.10	-0.1
GOL	78.75	334	eP	05	43.00	0.5	ASPA	29.31	239	eP	02	42.00	-0.9				iSg	35	36.50	
	0.9s	11.36nm			4.9mb		MRWA	46.27	239	eP	05	05.00	0.3	WIT	1.19	343	ePn	35	21.50	1.2
GRM	78.80	122	iPd	05	39.50	-3.3X	NWAO	46.33	234	eP	05	05.50	0.3				eSg	35	41.00	
	0.6s	42.67nm			5.6mb			0.8s	0.90nm			3.6mb		ENN	1.22	223	ePn	35	20.00	-0.9
	Z 20s	2.13um			5.5Msz		MAT	51.16	336	eP	05	42.00	-0.3		0.8s	29.00nm				
RVR	79.23	323	eP	05	44.00	-0.9	COL	83.87	19	iP	09	06.70	0.1				eSg	35	37.50	
SDW	79.57	323	P	05	57.90	11.0X		0.7s	7 19nm			4.7mb		KOE	1.29	166	eP	35	21.40	-0.7
MWC	79.76	323	eP	05	59.00	11.0X				e	09	39.00			0.9s	330.00nm				
GSC	79.99	324	eP	05	51.00	2.0	FBA	83.87	19	P	09	06.70	0.1				iSg	35	40.70	
SBB	80.01	323	eP	05	57.00	7.8X		0.6s	6.77nm			4.7mb		MEM	1.32	216	Pb	35	22.80	0.4
MSU	80.45	329	P	05	53.00	1.4		S.D. = 0.4		on 12 of 15 obs.							i	35	24.70	
BLF	80.76	119	eP	05	54.50	1.0											i	35	40.50	
	0.5s	9.19nm			5.0mb		? APR 28, 1985 03h 23m 45.29± 3.23s							TNS	1.65	152	ePn	35	27.80	0.5
CLC	80.79	324	eP	05	59.00	5.8X	33.987 N ±45.3km 139.550 E ±24.7km										eSn	35	52.00	
SWZ	81.15	117	iPd	05	55.40	-0.2	DEPTH = 182.3 ± 12.2 km							UCC	2.01	245	eP	35	43.40	11.0X
	0.5s	17.61nm			5.3mb		4.1mb (2 obs.)										e	36	03.00	
DUG	82.12	329	P	06	01.00	0.8	SOUTH OF HONSHU, JAPAN						(211)	WLF	2.13	199	Pnc	35	38.50	4.4X
	0.7s	6.33nm			4.8mb												e	35	46.50	
BFS	82.40	117	iPc	06	02.00	-0.1	KYS	1.31	22	eP	24	16.20	0.3				e	35	57.00	
	0.7s	27.40nm			5.4mb		OYM	1.45	350	eP	24	16.90	-0.5				e	36	02.80	
LHC	82.55	348	eP	06	01.50	-0.5	SRY	1.63	352	eP	24	18.80	-0.2	DOU	2.30	228	Pn	35	44.50	7.8X
EUR	82.94	327	iP	06	06.50	1.9	TOK	1.70	6	eP	24	20.00	0.3				e	35	50.30	
	0.2s	11.16nm			5.6mb					S	24	49.00					e	36	04.60	
BDW	82.99	333	eP	06	05.60	0.9	DDR	2.03	352	eP	24	23.90	0.6				e	36	11.00	
	1.0s	8.00nm			4.8mb					S	24	55.90		MOX	2.95	109	ePn	35	55.00	9.1X
KSR	83.04	116	iPd	06	06.20	0.7	TSK	2.27	12	eP	24	25.30	-0.5				eSg	36	31.00	
	1 1s	78.38nm			5.7mb		MAT	2.78	337	iPd	24	31.80	0.0	BUH	3.07	168	eP	35	51.20	3.5X
BPI	83.72	117	iPd	06	04.50	-4 5X				eS	25	17.00		CLL	3.63	94	e(P)	36	12.00	16.5X
	0 9s	30.25nm			5.4mb		SOD	67.18	337	iP	34	21.40	0.3				e	36	31.00	
		i		06	13.50		KJF	68.59	334	iP	34	30.00	0.2				iSg	36	59.00	
JAS	83 84	323	eP	06	12 00	3.1X	SUF	70.02	333	eP	34	38.00	-0.5	KHC	4.79	120	Pn	36	11.00	-1.1
SLP	84 16	117	eP	06	10.50	-0.6	NUR	71.92	332	iP	34	50.00	0.1				e	36	38.00	
	0 9s	29 41nm			5 5mb		HFS	76.22	335	eP	35	14.60	0.0				e	37	30.80	
BMN	84.27	327	eP	06	06 00	-5 2X		0.6s	3.10nm			4.2mb		PRU	4.93	107	eP	36	36.50	22 5X
	1 0s	3.00nm			4 4mb		NB2	76.40	337	P	35	15.60	-0.1				Sg	37	38.00	
EVA	84 32	118	eP	06	12.50	0 5		0.6s	2 30nm			4 1mb		KSP	5.75	95	e(P)	37	00.00	34.4X
	0 7s	31.51nm			5 6mb			S.D. = 0.4		on 13 of 13 obs.							e	38	00.00	
		i		06	21 50										S.D = 1.2		on 10 of 18 obs.			
HPI	85 16	331	P	06	16.90	1 1	APR 28, 1985 04h 30m 54.37± 0.35s													
LRM	86.67	333	eP	06	24.00	0 9	1.210 N ± 5.3km 126.262 E ±10.6km							APR 28, 1985 04h 56m 55.67± 0.47s						
		e		06	34.50		DEPTH = 33.0km (normal)							51.603 N ±10.5km 173.443 W ± 5 3km						
BUL	87.52	112	eP	06	28.00	0.2	5.2mb (1 obs.)							DEPTH = 33.0km (normal)						
SCH	87.56	3	eP	06	26.00	-0.9	MOLUCCA PASSAGE						(266)	4.5mb (9 obs.)						
KRI	90 16	110	eP	06	41.00	0.7								ANDREANOF ISLANDS, ALEUTIAN IS						(7)
MTD	91.74	111	eP	06	49.00	1 5	WB2	22.47	160	eP	35	52.00	-0.3	ML 4.3 (PMR).						
EDM	93.16	336	eP	06	53.00	-0.1				eS	39	54.20								
TOL	95.79	46	e(P)	07	15.00	9.5X	KGM	22.95	272	eP	36	01.50	4.5X	ADK	2.04	279	eP	57	29.00	0.7

SDN 8.58 59 eP 59 01.20 0.8
TTA 14 69 33 eP 00 27.00 4.3X
PME 16.66 44 eP 00 49.00 1.1
IMA 17.61 27 eP 01 02.00 2.1
COL 18 77 35 eP 01 13.00 -1.0
0.8s 6.34nm 3.9mb
FBA 18.77 35 eP 01 12.00 -2.0X
INK 25.38 34 eP 02 20.00 -1.0
MBC 32.16 21 eP 03 22.00 0.2
YKA 32.63 47 eP 03 25.90 -0.1
YKC 32.69 47 eP 03 26.00 -0.6
PNT 33.70 72 eP 03 46.00 10.5X
0.7s 8.00nm
EDM 35.75 63 eP 03 53.50 0.4
SES 38.23 66 eP 04 14.00 0.1
JAS1 39.19 89 eP 04 24.00 2.0
BMN 39.68 84 eP 04 26.80 0.6
EUR 41.01 84 iP 04 37.80 0.5
0.2s 2.79nm 4.6mb
FFC 41.26 57 eP 04 39.00 0.2
1.1s 9.00nm 4.4mb
CLC 42.27 89 eP 04 48.00 0.5
SBB 42.86 91 eP 04 53.00 0.7
MWC 43.01 92 eP 05 08.00 14.3X
BDW 43.02 76 eP 04 53.80 0.1
1.0s 10.40nm 4.5mb
GSC 43.09 89 eP 04 56.00 1.8
TPC 44.35 90 eP 05 10.00 5.7X
RSSD 45.55 71 eP 05 13.30 -0.7
GOL 47.39 77 eP 05 29.00 0.3
0.9s 5.68nm 4.6mb
RSON 47.54 58 eP 05 28.80 -0.6
1.0s 6.00nm 4.6mb
ALQ 49.76 82 e(P) 05 33.00 -14.0X
1.2s 5.08nm
FRB 51.04 34 eP 05 55.00 -1.0
LHC 51.31 58 eP 05 57.50 -0.8
SSE 51.34 273 eP 05 59.00 0.2
LTX 55.30 85 eP 06 27.50 -0.8
1.0s 4.00nm 4.4mb
FVM 57.39 69 eP 06 41.00 -2.0
SCH 57.73 41 eP 06 44.00 -1.2
LZH 58.50 290 eP 06 51.00 0.0
ELC 58.56 68 P 06 46.20 -5.0X
MNT 61.26 52 eP 07 08.00 -1.6
NAV 63.33 63 P 07 23.00 -0.5
BLA 63 61 63 P 07 25.00 -0.4
0.6s 15.77nm 5.3mb
CVL 64.14 61 P 07 27.80 -1.0
VSG 64.88 209 eP 07 41.00 7.2X
SHL 73.17 290 eP 08 24.00 -1.0
PRU 78.56 355 eP 08 55.00 0.1
KHC 79.47 355 iPd 09 00.90 1.0
e 09 13.90
KBA 81 53 355 iPd 09 12.00 1.0
0.7s 6.90nm 4.8mb
QUE 82 86 311 eP 09 19.00 0.7
SKO 85.91 349 iP 09 32.80 -0.4
VAY 86.41 348 eP 09 36.70 1.0
OHR 86.83 349 eP 09 38.20 0.4
ASPA 88.00 227 eP 09 55.00 11.6X
BUL 144.16 323 iPKPd 16 28.00 -1.7
S.D. = 1.0 on 42 of 51 obs.

APR 28, 1985 06h 48m 35.59± 0.76s
36.943 N ± 7.4km 7.416 W ± 5.9km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
DUR 3.0 (SFS)

FAR 0.45 280 P 48 45.20 0.4
S 48 53.00
SFS 1.08 116 ePg 49 03.00 7.0X
e 49 14.00
eSg 49 19.00
LIS 2.24 323 P 49 12.80 -0.4
S 49 52.60
PRL 2.37 1 iP 49 15.50 0.4
iS 49 50.00
MTH 2.40 325 eP 49 16.20 0.6
iS 49 55.00
CRT 3.06 84 ePn 49 26.00 1.0
AFC 3.11 83 iP 49 26.20 0.4
COI 3.35 347 iPd 49 29.00 0.0
iS 50 21.70
MTE 3 46 358 P 49 30.00 -0.6
S 50 07.50
e 50 22.50
AVE 3.64 180 iPn 49 32.50 -0.6
i 49 35.00
iSn 50 11.50
TOL 3.95 41 iPn 49 37.50 0 0
i 49 42.00
i 50 28.00
iSb 50 33.50
iSg 50 44.00
ALM 3.97 90 ePn 50 00.90 23.1X
0.9s 1.60nm
eSn 50 19.10
PTO 4.29 348 iPc 49 41.70 -0.6
PTO 4.29 348 iP 49 57.50 15.2X
iS 50 28.90
e 50 52.40
LGR 6.68 33 ePn 50 21.50 5.3X
eSn 51 37.50
iSg 52 13.50
EPF 8.51 42 Pn 50 40.80 -0.9
Sn 52 10.20
LPO 10.11 37 Pn 51 02.10 -1.7
CAF 10.72 39 Pn 51 10.00 -2.2
MFF 11.07 27 Pn 51 19.00 2.2
DOU 15.74 30 P 52 22.50 3.7X
WLF 16.07 33 P 52 23.60 0.7
MEM 16.71 31 P 52 32.70 1.6
S.D. = 1.2 on 17 of 22 obs.

% APR 28, 1985 07h 15m 18.31± 0.97s
31.596 S ±18.7km 67.964 W ± 8.3km
DEPTH = 33.0km (normol)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.24 267 iPd 15 24.50 -0.8
S 15 32.20
RTLL 0.51 301 iPd 15 28.80 -0.3
S 15 35.20
RTCV 0.56 241 iPd 15 29.80 0.0
S 15 39.00
RTCB 0.72 278 ePc 15 33.10 1 0
S 15 45.70
TCA 2.89 86 ePd 16 03.30 0.1
S 16 44.60
S.D. = 0.9 on 5 of 5 obs.

? APR 28, 1985 07h 31m 45.84± 3.50s
9.476 S ±38.7km 122.201 E ±16.5km
DEPTH = 33.0km (normol)
4.6mb (2 obs.)
SAVU SEA (288)

MTN 9.38 112 eP 34 02.00 0.2
0.3s 113.00nm 6.5mb X
MBL 11.84 191 eP 34 35.00 -0.4
0.3s 30.00nm 5.9mb X
NAU 14.50 206 eP 35 10.00 -0.6
0.3s 14.00nm 5.0mb
WB2 15.69 133 eP 35 24.50 -1.7
iS 38 13.20
ASPA 18.01 143 iPc 35 57.40 2.0
KLB 22.39 190 eP 36 43.00 0.1
MUN 23.07 193 eP 36 50.00 0.5
NWAO 23.78 190 eP 36 57.00 0.6
CTA 25.50 117 iPc 37 13.00 -0.1
1.0s 9.00nm 4.3mb
STK 28.64 144 eP 37 41.00 -0.6
S.D. = 1.1 on 10 of 10 obs.

APR 28, 1985 08h 19m 03.33± 0.91s
38.755 N ± 7.0km 26.573 E ± 8.6km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

IZM 0.65 123 iPg 19 16.10 -0.2
iSg 19 26.10
EZN 1.09 350 iPn 19 23.80 0.1
KGT 1.79 18 iPn 19 34.50 0.1
DST 1.81 61 iPn 19 35.60 0.8
EDC 1.88 32 iPn 19 35.70 0.0
KCT 2.03 42 ePn 19 38.10 0.1
YER 2.11 140 ePn 19 39.10 -0.1
ALT 2.78 83 ePn 19 48.70 -0.1
YLV 2.82 49 iPn 19 57.00 7.7X
KDZ 3.03 342 iP 19 51.00 -1 2
iS 20 38.00
DMK 3.19 16 iPn 19 54.00 -0.5
MMB 3.57 323 eP 20 01.00 1.1
PLD 3.64 337 eP 20 16.00 15.2X
JMB 3.71 0 eP 20 14.00 12.1X
PVL 4.51 347 eP 20 16.00 2.8X
VTS 4.62 327 eP 20 17.00 2.3X
S.D. = 0.7 on 11 of 16 obs.

APR 28, 1985 08h 30m 29.05± 0.15s
39.728 S ± 3.6km 75.664 W ± 4.1km
DEPTH = 10.0km (geophysicist)
6.1mb (42 obs.) 5.5Msz (15 obs.)
OFF COAST OF CENTRAL CHILE (134)
Ms 5.7 (BRK). Felt (V) at
Valparaiso.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=335 Dip=64 Slip= -90
NP2: 155 26 -90
Principal Axes:
T Plg=19 Azm= 65
P 71 245
Comment: The focal mechanism is
poorly controlled and
corresponds to normal
faulting. The preferred fault
plane is NP1.
MOMENT TENSOR SOLUTION
Dep 4 No. of sto: 8
Moment Tensor; Scale 10**25 d-cm
Mrr=-0.65 Mtt=-0.12
Mff= 0.77 Mrt=-0.41
Mrf=-0.61 Mtf=-0.06
Principal axes:
T Val= 1.01 Plg=21 Azm= 95
N 0.05 20 193
P -1.06 60 323
Best Double Couple:Mo=1.0*10**25
NP1:Strike=153 Dip=30 Slip=-134
NP2: 21 69 -68
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 32C
Centroid Location:
Origin Time 08:30:36.0 0.2
Lat 39.99S 0.03 Lon 75.65W 0.06
Dep 10.0 FIX Half-duration 3.2
Moment Tensor; Scale 10**24 D-CM
Mrr=-6.47 0.20 Mtt= 4.20 0.20
Mff= 2.27 0.33 Mrt= 4.45 0.63
Mrf= 2.26 0.53 Mtf= 3.40 0.20
Principal Axes:
T Val= 8.40 Plg=18 Azm=325
N -0.21 5 57
P -8.19 71 162
Best Double Couple:Mo=8.3*10**24
NP1:Strike= 46 Dip=27 Slip=-101
NP2: 239 64 -84

TACH 7.15 34 iP 32 15.9e -e 4
i(S) 33 35.50
SAN 7.44 34 iPc 32 19.60 -0 7
RFA 7.58 51 ePc 32 24.20 1 9
PEL 7.70 33 iPc 32 23.10 -0 8
i 33 23.10
iS 33 43.30
FCH 7.71 36 iP 32 24.00 -0.4
JACH 8.14 32 iPd 32 29.00 -1.1
MDZ 8.77 41 e(P) 32 39.50 0.7
RTCV 9.75 39 ePd 32 51.30 -1.1
(S) 34 41.50
RTCB 9.94 36 ePd 32 54.40 -0.6
S 33 42.30
RTLL 10.22 37 ePd 32 57.10 -1.8
(S) 34 50.00
VBA 10.80 85 ePc 33 08.30 1.5
TCA 12.30 51 ePc 33 25.60 -1.5
CYA 13.90 39 e(P) 33 43.50 -4 9X
LPA 14.90 77 eP+ 34 06.00 4 6X
FSA 15 82 34 e(P) 34 12.00 -1 4
ANT 16.58 17 iP 34 23.5e e 4
eS 37 24.0e
SLA 17.23 33 ePc 34 31 6e e e
YJA 19.53 29 ePd 35 02.00 1 9
ITB7 23.18 58 e(P) 35 39.70 3 0X
ITB1 23.37 56 e(P) 35 41.70 3.1X
ITB 23.39 57 P 35 41.70 3.0X
ARE 23.46 10 iPd 35 42.40 2.5X
0.7s 109.59nm 5.5mb

28d 08h

CCM		23.75	23	Pd	35	45.60	2.9X	MNG		77.11	228	iP	42	24.00	-0.2	BMN		88.32	330	P	43	21.20	-0.7
AAS		24.78	161	iPd	35	55.00	3.1X	TCW		77.39	227	P	42	25.00	-0.7	WCN		88.39	327	P	43	23.30	0.9
	Z	16s		23.00um			5.8MszX					pP	42	30.00	16kmX	LHC		88.59	351	eP	43	22.50	-0.3
				eS	40	32.00		QZO		77.41	340	iPd	42	24.50	-1.2			1.5s		404.00nm			6.5mb
AIA		26.40	169	e(P)	36	07.00	-0.1			0.9s		135.10nm			6.0mb	ORV		89.33	326	iPd	43	28.00	1.4
VAO		29.46	64	iPd	36	36.40	1.0	SIO		77.48	343	iPd	42	25.30	-0.8	MIN		90.03	327	eP	43	30.20	0.1
				i	36	43.80		NA2		77.50	358	P	42	26.00	0.0	RMT		90.14	326	P	43	31.40	1.1
				i	36	50.20		TUL		77.52	343	iPd	42	26.00	-0.3	WDC		90.63	326	iPd	43	32.80	0.2
				i	36	52.80				1.3s		524.60nm			6.5mb	KRI		90.66	112	iPd	43	35.00	1.5
				i	36	56.90			Z	20s		0.45um			4.8Msz	LGBM		91.11	327	P	43	35.90	0.8
RDJ		32.17	68	eP	37	00.00	0.8	OCO		77.54	342	e(P)	42	25.80	-0.6	LRM		91.33	335	ePd	43	36.90	0.9
BAO		34.05	53	iP	37	15.60	-0.1	RLO		77.60	344	iPd	42	26.20	-0.5	FHC		91.44	325	eP	43	38.20	1.9
GIE		41.04	337	iP	38	16.50	2.3	GRM		77.81	123	iPd	42	26.50	-1.8	RSON		91.58	349	iP	43	36.40	-0.3
	Z	17s		15.37um			5.9MszX			0.6s		77.33nm			6.0mb			2.1s		226.06nm			6.2mb
	N	17s		10.54um					Z	18s		2.58um			5.6Msz	MTD		92.09	114	iPd	43	42.00	1.9
				i	38	19.30		WIN		77.96	109	iPd	42	25.30	-4.1X	TET		93.92	115	iP	43	50.00	1.6
				eS	44	33.00				1.1s		253.16nm			6.2mb	SCH		94.48	5	ePd	43	49.00	-1.0
BOG		44.15	2	iP	38	42.00	2.0	MSZ		78.39	221	Pc	42	30.00	-1.1	SES		94.97	338	ePd	43	51.80	-0.6
				eS	45	13.00		FVM		78.51	348	iP	42	31.10	-0.6			1.8s		254.00nm			6.3mb
FUQ		45.01	3	eP	38	47.50	0.6			1.5s		256.10nm			6.1mb	NOU		95.38	235	iPc	43	51.90	-3.1X
BMG		46.62	4	eP	39	11.00	11.6X	ALQ		79.55	335	eP	42	37.00	-0.7	FFC		96.75	345	iPd	43	58.70	-1.6
SNA		47.64	154	iPd	39	08.30	1.6			1.0s		146.25nm			5.9mb			1.8s		96.00nm			6.1mb
UAV		48.27	6	eP	39	13.10	0.6		Z	18s		2.41um			5.6Msz	EDM		98.14	338	iPd	44	05.10	-1.6
SDV		48.59	7	eP	39	15.30	0.4	KIC		79.60	73	iPd	42	39.70	1.5	TOL		102.67	48	ePdiff	44	29.00	1.5
UPA		48.59	355	iPd	39	14.90	0.2	BLF		80.24	120	iPd	42	42.20	0.5	FRB		103.29	3	ePdiff	44	30.00	0.5
		1.0s		88.00nm			5.8mb			1.1s		216.22nm			6.0mb	YKC		106.53	342	ePdiff	44	43.00	-1.0
	Z	20s		3.01um			5.3Msz	TBR		80.50		1 P	42	42.80	0.5			0.8s		7.00nm			5.7mb
TOV		49.56	8	eP	39	22.00	-0.2	SWZ		80.89	118	iPd	42	46.40	1.3	YKA		106.58	342	ePdiff	44	43.90	-0.3
LGN		49.78	6	e(P)	39	25.00	1.2			1.0s		150 00nm			6.0mb	WB2		114.35	211	ePKP	49	09.20	-1.8
SPA		50.46	180	iPd	39	29.20	0.4	GLA		80.99	328	eP	42	46.00	0.8	WRA		114.36	211	PKPc	49	09.60	-1.4
		1.3s		299.17nm			6.1mb	UTO		81.33	354	ePc	42	46.50	-0.1			0.8s		5.00nm			
CAR		50.63	11	iPd	39	30.00	-0.4	BAR		81.45	326	eP	42	48.00	0.4	CTI		115.57	50	ePKP	49	12.50	-0.2
		0.5s		56.34nm			5.8mb	SLBC		81.98	326	eP	42	52.00	1.8	INK		115.99	339	ePKPd	49	10.70	-1.9
CUM		51.06	15	iPc	39	34.00	0.4	BFS		82.07	118	iPd	42	51.90	0.6	PME		116.99	329	ePKP	49	13.60	-1.1
TRN		51.84	18	iPd	39	40.50	1.0			0.7s		290 41nm			6.5mb	KBA		117.10	50	ePKP	49	23.00	7.4X
		1.2s		215.70nm			6.0mb	PLM		82.11	326	eP	42	52.00	0.8			1.4s		15.60nm			
RKT		52.34	270	iP	39	42.40	-0.9	TPC		82.41	327	eP	42	54.00	1.5					i	50	26.50	
		1 6s		165 00nm			5.7mb	RVR		82.87	326	eP	42	55.00	0.1	GRF		117.18	47	ePKP	49	16.10	0.6
MDN		56.35	17	eP	40	10.00	-2.6	RMU		83.04	332	iP	42	57.40	1.5		Z	18s		1.10um			5.5Msz
SBA		56.87	193	iPd	40	16 00	0.2	SDW		83.27	327	P	42	58.30	1.2	MOX		117.88	46	iPKP	49	17.00	0.2
MGG		56.95	17	eP	40	14.00	-2.9	PAS		83.35	326	eP	42	58.00	0.7			1.6s		56.00nm			
SEG		57.38	16	eP	40	17.00	-2.9	MWC		83.36	326	eP	42	58.00	0.3		Z	20s		1.50um			5.6Msz
BPA		57.93	16	eP	40	21.00	-2.7	BPI		83.38	118	iPd	42	55.00	-3.2X		E	20s		0.80um			
SJG		58.22	11	iPd	40	23.70	-2 1			1.1s		354.43nm			6.5mb					e	00	30.00	
VHO		59.98	337	iP	40	37.50	-0.7	GOL		83.58	337	iP	42	59.10	0.3	KHC		118.25	48	iPKPd	49	17.20	-0.4
ACX		60.66	333	ePd	40	52.50	9.9X			1.4s		110.97nm			5.9mb			1.0s		10.50nm			
III		61.93	334	ePd	40	51.50	0.0	SBB		83.66	326	eP	42	59.00	0.0		Z	19s		0.80um			5.4Msz
IIT		62.15	336	ePd	40	53.60	0.6	GSC		83.75	327	eP	43	01.00	1.5		N	19s		0.50um			
TPM		62.36	335	eP	40	54.50	0.2	SLR		83.84	118	iPd	43	00.70	0.3		E	19s		0.50um			
IIP		62.65	335	iP	40	56.00	-0.4			1.0s		250.00nm			6.4mb					e	50	36.00	
OXM		62.86	334	iPc	40	58.00	0.2	EVA		83.87	119	iPd	43	01.80	1.2	COL		118.35	333	ePKP	49	16.00	-1.2
CRX		62.96	334	ePd	40	58.70	0.3			1.1s		263.29nm			6.4mb	FBA		118.35	333	ePKP	49	15.60	-1.6
IIC		63.15	335	iP	41	00.00	0.3	RSNY		83.90		1 eP	43	00.80	0.9	OHR		118.85	59	ePKP	49	19.20	0.2
TBI		63.34	261	iP	41	00.10	-0.6			1.2s		386.21nm			6.5mb	CLL		118.97	46	iPKPc	49	19.20	0.4
		1.2s		230.00nm			6.2mb		Z	20s		1.13um			5.2Msz			1.7s		59.00nm			
RUV		66.47	269	iP	41	20.40	-0.6	SYP		84.47	325	eP	43	05.00	1.9		Z	19s		1.00um			5.5Msz
		1.4s		160.00nm			6.0mb	CLC		84.52	327	eP	43	04.00	0.7	MBC		118.99	349	ePKP	49	17.50	-0.6
VAH		66.63	269	iP	41	21.50	-0 5	OTT		84.74	360	iPd	43	04.80	0.8	PRU		119.21	48	ePKP	49	19.60	0.3
		1 4s		195.00nm			6.1mb			1.0s		156 00nm			6.2mb		Z	18s		0.90um			5.4Msz
PPN		66.66	266	iP	41	21.90	-0.3	MSU		84.75	332	P	43	05.70	1.1		N	18s		0.40um			
		1 4s		205.00nm			6.1mb	MIM		84.80		5 eP	43	05.50	1.2		E	18s		0.80um			
PAE		66.69	266	iP	41	22.10	-0.3	MNT		84.87		1 iPd	43	05.20	0.6	ZST		119.87	50	iPKP	49	19.80	-0.8
		1 4s		230.00nm			6.2mb	PRI		86.12	325	eP	43	13.00	1.6					e	50	45.00	
PPT		66.74	266	iP	41	22 60	-0.2	DUG		86.47	332	P	43	13 90	0.9	VAY		120.13	60	ePKP	49	21.30	0.0
		1.4s		285.00nm			6.3mb	PRS		86.60	325	eP	43	15.30	1.8	TTA		120.46	328	PKP	49	21.20	-0.2
TPT		66.77	270	iP	41	21.80	-1.1	LLA		86.64	325	eP	43	15.30	1.5			1.3s		44.81nm			
		1.4s		195.00nm			6.1mb	MNA		86.99	328	eP	43	16.80	1.2	KSP		120.60	47	ePKP	49	22.00	0.1
PMO		66.97	269	iP	41	23.70	-0.5	EUR		B7.02	330	iP	43	17 00	1.2	IMA		121.06	332	ePKP	49	22.20	-0.3
		1 4s		100.00nm			5.8mb			0.5s		31.65nm			5.8mb	JOS		122.06	51	iPKPd	49	24.40	-0.4
MAW		68.50	164	eP	41	34.00	0.9	RSSD		87.30	340	iP	43	17.30	0.2			1.0s		23.90nm			
DRV		70.47	194	eP	41	35.70	-9.4X			2.0s		120.28nm			5.8mb	ALE		122.15	2	ePKPd	49	22.50	-1.6
HBF		72.43	356	P	41	55.60	-1.5	GCC		87.45	325	eP	43	19.40	1.8			0.7s		9.00nm			
CER		72.98	119	iPd	42	02.00	1 2	JAS1		87.51	326	iP	43	18.00	0.1	SPC		122.18	50	ePKP	49	25.00	-0.2
		1.0s		180.00nm			6.1mb	ARN		87.51	325	P	43	19.90	1.9	KRA		122.36	49	ePKPd	49	25.40	0.1
JCT		73.36	338	iP	42	02.10	-0 7	MHC		87.56	325	eP	43	19.70	1.4		Z	23s		1.60um			5.6MszX
		1.5s		368.06nm			6.2mb	BDW		87.68	336	iP	43	19.00	0.1					e	49	31.60	
LTX		73.48	335	iP	42	03.80	0.2			1.2s		134.78nm			6.1mb	NB2		122.39	35	PKP	49	24.80	-0.3
		1.5s		214.29nm			6.0mb	BUL		87.75	114	iPd	43	21.00	1.2			1.6s		61.60nm			
	Z	20s		2.78um			5.5Msz	BKS		88.26	325	eP	43	23.60	2.1	HFS		123.15	37	ePKP	49	25.10	-1.4
PRM		73.70	354	iP	42	04.00	-0.6			1.4s		138.00nm			6.1mb			0.8s		13.00nm			
RSCP		75.51	352	iP	42	14.80	-0.3		Z	20s		3.20um			5.7Msz	PRNI		123.73	77	ePKP	49	29.20	0.6
BHO		75.85	344	iPd	42	16.90	-0 1		N	20s		2.90um				BRW		124.33	337	ePKP	49	28.10	-0.4
BLA		76.69	356	iPd-	42	21.00	-0.7		E	20s		1.20um				JER		124.57	75	ePKP	49	30.00	-0.3
		1 6s		266.67nm			6.1mb					eS	54	16.00		VRI		124.82	56	iPKPc	49	30.00	-0.2
WEL		77.07	227	P	42	24.00	0 1					eSS	00	02 00		CRI		124 90	74	ePKP	49	31.50	0.7
	Z	20s		2.84um			5.6Msz					eLR	13	00 00		NUR		128.43	38	iPKP	49	36.50	-0.1
				e	57	12.00		BRK		88.27	325	eP	43	23.00	1.5			0.9s		40.60nm			

Z 20s 1.00um 5.5Msz
LR 46 10.00
SUF 129.62 36 iPKP 49 38.10 -0.8
0.8s 5.00nm
KJF 130.58 34 iPKP 49 40.80 0.2
0.8s 39.60nm
ePKS 53 04.00
SOD 130.58 30 iPKP 49 39.60 -1.0
KEV 130.97 27 ePKP 49 42.00 0.8
1.0s 50.00nm
ePKS 53 04.00
TAB 135.51 73 ePKP 49 52.00 0.9
INZ 138.04 78 (PKP) 49 45.00 -10.9X
KOD 142.14 134 ePKP 49 59.20 -4.9X
DAV 142.32 216 ePKP 50 00.00 -4.0X
KGM 142.45 178 ePKP 49 58.00 -6.3X
KHI 143.36 84 ePKPd 50 02.50 -3.0
MHI 144.78 81 iPKPd-50 07.00 -0.7
1.0s 360.00nm
KKM 144.80 201 ePKPd 50 05.80 -2.6
1.0s 74.80nm
GBA 144.83 130 PKP 50 07.20 -1.0
IPM 144.88 174 ePKPd 50 05.90 -2.5
1.7s 214.40nm
e 50 30.00
POO 146.27 120 iPKPd 50 11.00 0.4
SNG 147.42 173 ePKP 50 12.00 -0.5
QUE 148.11 96 iPKPd-50 14.50 1.0
HYB 148.47 127 ePKPd 50 14.20 0.1
e 50 18.00
QCP 151.01 215 ePKP 50 31.00 13.0X
TSK 151.70 274 ePKP 50 23.50 5.0X
OYM 152 11 272 ePKP 50 24.30 5.1X
SRY 152.15 273 ePKP 50 24.30 5.1X
DDR 152.34 273 ePKP 50 26.20 6.7X
BAG 152.79 216 ePKP 50 19.00 -1.8
MAT 153.26 274 ePKP 50 20.00 -0.7
Z 20s 0.89um 5.6Msz
NDI 155.10 108 iPKP 50 23.70 0.3
eS 54 23.20
SHK 156.87 266 ePKP 50 31.50 5.9X
BDT 157.12 167 iPKPd 50 25.80 -0.6
LOE 157.64 173 ePKP 50 26.00 -1.0
CHG 158.64 166 iPKPd 50 28.20 0.0
0.9s 13.66nm
QIZ 158.83 195 PKP 50 30.50 2.2
ANP 159.55 230 ePKP 50 22.00 -7.1X
MDJ 160.69 293 ePKP 50 25.50 -4.1X
HKC 160.72 209 ePKP 50 30.00 -0.2
eS 54 52.00
QZH 161 00 223 ePKP 50 30.00 -0.4
e 51 12.00
PP 54 47.00
GZH 161 73 207 PKP 50 31.50 0.3
CN2 163 74 291 PKPd 50 29.80 -2.8
e 51 20.00
ePKS 53 59.00
PP 55 04.00
SKS 57 29.00
SKKS 01 47.00
SSE 163.80 243 PKP 50 32.00 -1.1
LSA 165.26 129 PKP 50 36.40 1.3
SNY 165 27 284 iPKPd 50 32.30 -1.8
e 51 31.30
PP 55 16.50
SKS 57 29.00
SKKS 01 49.50
KMI 165 38 174 PKPd- 50 35.00 0.0
8.0s 1 00nm
NJ2 165.97 241 iPKPd 50 34.00 -0.9
i 51 35.00
iPP 55 27.50
WMQ 166.92 66 PKPd 50 35.50 0.0
e 51 41.20
PP 55 29.70
WHN 167.72 225 PKP 50 36.00 -0.3
e 51 42.00
PP 55 31.00
TIA 169.31 255 PKP 50 36.40 -0.7
e 51 49.10
PP 57 14.00
SKKS 02 25.00
BJI 170.89 276 ePKP 50 37.00 -0.8
CD2 171.19 177 iPKPd 50 39.30 0 9
e 51 58 00
XAN 173.24 214 PKPd 50 39 00 -0.1
e 52 06.00

PP 55 56.00
eSKKS 02 47.00
TIY 173.36 255 PKPd 50 38.80 -0.2
e 52 07.00
HHC 174.36 284 PKPd 50 39.00 -0.4
e 52 12.00
BTO 175.56 283 PKP 50 39.00 -0.7
e 52 17.50
PP 56 09.00
SKKS 02 59.00
LZH 176.34 174 PKPd 50 41.00 1.0
8.0s 1190.00nm
GTA 176.49 94 iPKPd 50 40.90 1.0
i 52 24.50
PP 56 17.60
S.D. = 1.1 on 215 of 242 obs.

? APR 28, 1985 09h 45m 46.53± 2.02s
0.241 N ±20.9km 121.059 E ±25.6km
DEPTH = 166.6 ± 23.0 km
4.1mb (2 obs.)
MINAHASSA PENINSULA (265)

KKM 7.52 320 ePd 47 34.70 0.0
e 49 01.60
WRA 23.91 148 Pd 50 46.80 0.3
0.6s 5.30nm 4.3mb
WB2 23.92 148 eP 50 46.20 -0.4
GBA 45.18 289 Pc 53 48.70 0.0
0.3s 1.10nm 3.9mb
TCW 63.32 137 P 56 00.00 0.1
INK 95.46 21 eP 58 53.00 0.0
S.D. = 0.3 on 6 of 6 obs.

& APR 28, 1985 10h 12m 20.85s
60.152 N 153.213 W
DEPTH = 132.7km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM 0.20 81 iP 12 38.88 1.2
eS 12 53.00
RDT 0.58 43 iP 12 40.52 -0.5
NKA 1.14 58 eP 12 46.37 0.7
SPU 1.18 28 eP 12 45.17 -0.9
BRLK 1.23 107 eP 12 45.87 -0.8
iS 13 05.10
CRP 1.23 24 eP 12 46.12 -0.7
eS 13 06.42
CGLM 1.30 27 eP 12 46.37 -1.0
SVW 1.53 310 eP 12 48.84 -1.0
SLKM 1.53 75 eP 12 48.47 -1.4
SUA 1.79 42 iP 12 51.80 -1.2
SEW 1.88 90 eP 12 52.80 -1.1
MPA 1.95 78 eP 12 53.05 -1.7
PTE 2.19 69 eP 12 55.30 -2 4
GHO 2.65 50 eP 13 00.95 -2.7
KNK 2.65 59 eP 13 00.76 -2.9
MSE 2.67 49 eP 13 01.09 -2.9
SML 2.90 53 eP 13 03.85 -3.1
17 obs. associated

• APR 28, 1985 12h 29m 47.88± 1.20s
16.583 N ±16.7km 95.797 W ± 9.8km
DEPTH = 33.0km (normal)
3.7mb (2 obs.)
OAXACA, MEXICO (60)

VHO 1.11 306 iP 30 12.50 5.2X
iS 30 31.00
IIT 3.41 316 iPd 30 48.80 8.5X
COM 3.54 95 iP 30 42.00 0.0
iS 31 21.00
TPX 3.79 116 iP 30 50.20 4.8X
ACX 3.90 275 iPc 30 47.40 0.4
iS 31 33.50
TPM 3.92 308 iP 30 56.00 8.6X
i 31 20.00
III 3.93 298 eP 30 53.70 6.1X
iS 31 43.10
SIO 19.09 359 e(P) 34 11.50 0.9
TUL 19.25 0 e(P) 34 17 50 5.1X
1.0s 3.60nm 3.6mb
RLO 19.52 2 eP 34 15.50 0.0
ALQ 20.62 334 eP 34 26 00 -1 3
0.9s 3.57nm 3.7mb
INK 56.94 344 eP 39 32.00 0.0

S D. = 1.0 on 6 of 12 obs.

• APR 28, 1985 12h 42m 55.71± 0.69s
55.548 S ±14.6km 1.317 W ±15.6km
DEPTH = 10.0km (geophysicist)
5.1mb (1 obs.)
BOUVET ISLAND REGION (412)

SPA 34.63 180 eP 49 47.10 0.3
0.7s 18.36nm 5.1mb
BUL 41.89 45 iPc 50 49.00 1.2
KRI 45.28 44 eP 51 15.00 -0.3
MTD 46.12 46 eP 51 22.00 0.2
SBA 46.66 177 eP 51 25.10 -0.2
VAO 46.71 295 eP 51 27.60 1.2
MDZ 51.15 267 e(P) 52 02.80 2.1
BAO 53.41 299 e(P) 52 15.50 -2.4
KIC 61.75 356 e(P) 53 16.80 0.3
YKC 146.35 310 ePKP 02 34.00 -1.5
0.6s 5.00nm
YKA 146.42 310 ePKP 02 34.70 -0.9
MAT 146.71 108 ePKP 02 41.00 4.1X
1.3s 19.23nm
MBC 149.64 335 ePKP 02 45.00 4.7X
INK 154.92 319 ePKP 02 56.00 8.0X
S.D. = 1.4 on 11 of 14 obs

• APR 28, 1985 14h 36m 40.29± 0.62s
22.605 S ±10.8km 66.240 W ±10.7km
DEPTH = 273.9 ± 10.0 km
JUJUY PROVINCE, ARGENTINA (128)

YJA 0.81 58 iPd 37 18.20 -0.4
SLA 2.22 162 ePd 37 28.00 0.8
ANT 4.00 253 iPc 37 46.20 0.6
ARE 7.86 320 iPc 38 32.50 -0.5
TCA 8.82 171 iPc 38 43.80 -1.0
S 40 18.30
ITB1 11.05 103 P 39 20.20 7.5X
ITB 11.24 104 eP 39 20.80 5.8X
ITB7 11.32 105 eP 39 21.80 5.7X
VAO 17.78 95 iPc 40 31.10 -0.2
BAO 18.57 71 iP 40 40.10 0.5
KIC 66.66 72 iP 47 04.40 0 2
YKA 93.06 340 eP 49 27.40 3.9X
HYB 146.57 92 ePKP 55 54.50 4.8X
S.D. = 0.8 on 8 of 13 obs

& APR 28, 1985 14h 48m 36.94s
62.326 N 147.934 W
DEPTH = 40.7km
CENTRAL ALASKA (1)
<AGS-P>.

SML 0.55 200 iP 48 47.75 -0.7
eS 48 57.07
SCM 0.57 150 iP 48 48.37 -0.4
iS 48 58.58
MSE 0.69 225 iP 48 49.21 -1.2
iS 48 59.70
GHO 0.73 220 eP 48 49.70 -1.2
iS 49 01.11
TOA 0.85 104 iP 48 53.10 0.4
PME 0.87 217 eP 48 51.75 -1 1
eS 49 02.77
PMR 0.93 218 eP 48 52.48 -1.2
eS 49 04.13
KNK 0.95 195 iP 48 53.36 -0.6
iS 49 06.66
PWA 1.14 234 eP 48 55.85 -0.8
eS 49 12.75
PMS 1.33 216 eP 48 58.88 -0.6
eS 49 16.47
TTV 1.33 163 eP 48 59.70 0.3
PTE 1.56 200 iP 49 02.00 -0.5
SUA 1.59 238 eP 49 02.66 -0.5
SKT 1.72 260 eP 49 03.88 -1.1
MPA 1.97 201 eP 49 07.93 -0 5
eS 49 32.83
SLKM 2.13 212 eP 49 10.47 -0.4
CGLM 2.19 244 eP 49 10.90 -0.8
CRP 2.27 244 eP 49 12.45 -0.5
SPU 2.27 241 eP 49 12.15 -0.8
SEW 2.35 199 eP 49 14.55 0.7
FBA 2.59 1 eP 49 15.70 -1.5
RDT 2.78 233 eP 49 18.47 -1.5
BRLK 2.94 210 eP 49 21.08 -1.3

28c 14h

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ILM      3.19 230 eP     49 24.47   -1.4
TTA      3.78 283 eP     49 31.66   -2.7
       25 obs. assaciated

   APR 28, 1985 15h 30m 20.49± 0.54s
    6.587 S ± 9.8km  155.225 E ± 7.1km
    DEPTH = 33.0km (normal)
    4.5mb ( 4 obs.)
 SOLOMON ISLANDS                  (193)
      Felt (IIi) at Arawa,
      Bougainville.

PAA      0.39  43 iPc    30 27.00   -2.5
                eS     30 52.00
BGA      0.44 354 iPc    30 39.20    9.0X
                eS     30 51.00
RAB      3.B6 308 eP     31 32.00   13.0X
VSG      5.17 121 eP     31 39.00    1.3
SVO      5.21 120 eP     31 38.00   -0.2
HNR      5.46 121 eP     31 43.00    1.2
                eS     32 44.00
KVG      5.95 312 eP     32 00.00   11.4X
PMG      8.47 250 eP     32 30.00    6.1X
CTA     16.00 212 iPd    34 10.40    5.6X
        1.0s    14.00nm          4.0mb
RMO     20.73 197 eP     35 00.00   -0.9
WB2     24.23 235 iPc    35 36.80    1.3
MTN     24.54 253 eP     35 40.00    1.5
CMS     26.29 198 eP     35 53.00   -1.9
ASPA    26.62 228 iPc    35 57.60   -0.4
MBL     37.17 243 iPd    37 30.40   -0.1
NAU     41.42 243 iPd    38 06.20    0.4
KLB     42.92 230 iPc    38 17.00   -1.0
        0.5s    28.00nm          5.2mb
NWAO    43.93 228 eP     38 25.00   -1.2
MUN     44.27 230 iPc    38 28.10   -0.8
CHTO    60.93 296 eP     40 34.00    1.0
        1.0s     4.00nm          4 5mb
                e      40 48.20
KKN     75.58 301 eP     42 05.20    0.7
        0 5s     3.00nm          4.5mb
INK     89.26  21 eP     43 15.00    0.8
YKA     95.87  28 eP     43 45.60    0.9
      S.D = 1.3  on  18 of  23 obs.

?  APR 28, 1985 15h 44m 22.43± 0.76s
    6.574 N ± 9.7km   74.292 W ±27.9km
    DEPTH = 190.8 ± 12.7 km
 NORTHERN COLOMBIA                ( 99)

BMG      1.31  68 eP     44 54.00    0.0
BOG      1.95 173 iP     45 00.50    0.0
                iS     45 31.50
HOJ     11.61 348 eP     47 04.30    0.7
GWJ     11.68 348 eP     47 04.85    0.2
STH     11.70 348 eP     47 04.25   -0.5
                eS     49 06.11
BBJ     12.09 346 eP     47 09.47   -0.4
                eS     49 13.57
YKA     63.10 340 eP     54 31.10   -0.3
INK     72.86 340 eP     55 32.00    0.3
      S.D. = 0.5  on   8 of   8 obs.

&  APR 28, 1985 16h 56m 10.10s
    37.847 N          122.245 W
    DEPTH =  5.0km
 CENTRAL CALIFORNIA               ( 39)
      <BRK>  ML 2.0 (BRK)
      Mo=6 0**10**18 (BRK)  Felt at
      Albany

BRK      0.03 336 iPc    56 11.10   -0.2
                iS     56 12.35
BKS      0 03  15 iPd    56 11.20   -0.1
                iS     56 12.10
ZSP      0.10 355 iPd    56 12.30    0 0
                iS     56 14 50
PCC      0.36 197 iPd    56 17.30   -0 1
MHC      0.70 136 eP     56 23 65   -0 4
                eS     56 35.20
ARN      0.75 131 eP     56 24.50   -0 7
GCC      0.84 166 eP     56 25.50   -1 3
SLD      1.12 133 eP     56 30.50   -1 1
SAO      1.25 149 e(P)   56 31.80   -2 1
JAS1     1.45  86 iPc    56 35.50   -1.5
                eS     56 53.60
       10 obs. associated

?  APR 28, 1985 17h 26m 22.15± 5.37s
    33.789 S ±17.6km   71.386 W ±44.8km
    DEPTH =  33.0km  (normal)
  NEAR COAST OF CENTRAL CHILE      (135)

TACH     0.40  70 iPc    26 31.00   -0.3
                iS     26 45.50
SAN      0.69  61 iP     26 35.30   -0.2
                iS     27 53.50
PEL      0.87  43 iPd    26 38.10    0.0
                iS     26 58.20
FCH      1.02  64 iPc    26 41.00    0.5
JACH     1.29  31 iP     26 44.00   -0.1
                iS     27 09.70
MDZ      2.31  68 eP     27 03.30    4.6X
RFA      2.61 113 ePc    27 03.00    0.0
TCA      6.24  69 ePc    27 43.80  -10.6X
      S.D. = 0.3  on   6 of   8 obs.

*  APR 2B, 1985 18h 19m 40.74± 0.65s
    9.100 S ±11.9km  112.013 E ±13.8km
    DEPTH =  33.0km  (narmal)
    5.0mb ( 4 obs.)
 SOUTH OF JAVA                    (282)

NAU     13.78 166 eP     22 51.00   -5.1X
        0.2s    12.00nm          5.4mb
                eS     25 11.00
KGM     14.03 321 ePd    23 18.50   19.0X
MBL     14.16 149 eP     22 54.00   -7.1X
        0.3s    30.00nm          5.4mb
                eS     25 16.00
MEK     18.49 161 eP     23 54.00   -2.2
                eS     27 01.00
MTN     19.13 103 eP     24 06.00    2.0
                eS     27 19.00
MRWA    20.36 170 eP     24 19.00    1.7
                eS     27 47.00
MUN     23.10 171 eP     24 45.00    0.3
                eS     28 54.00
KLG     23.30 159 eP     24 47.00    0 3
                eS     29 56.00
WRA     24.12 119 Pd     24 55.40    0.6
        0.9s    19.40nm          4.6mb
WB2     24.13 119 iPc    24 55.00    0.1
                eS     29 18.20
ASPA    25.45 127 eP     25 07.00   -0.5
                eS     29 48.00
STK     35.59 134 iPd    26 37 10   -0.2
GBA     41.07 303 P      27 24.00    0.8
POO     46.60 306 eP     28 09.00    1.1
MAT     51.65  27 eP     28 45.00   -1.5
        0.8s    7.46nm          4.7mb
SBA     74.08 170 e(P)   31 13.80   -1.1
YKA    117.01  22 ePKP   38 24.40    0.9
TUL    143.22  39 e(PKP)39 10.40   -3.3X
        0.8s    3.30nm
RLO    143.52  38 ePKP   39 11.80   -2.4
BHO    144.77  40 ePKP   39 16.30   -0.1
        0.7s    4.20nm
BAO    148.44 219 e(PKP)39 26.50    3.5X
      S.D. = 1.4  on  16 of  21 obs.

*  APR 28, 1985 21h 47m 40.68± 1.97s
    6.603 S ± 9.7km  105.015 E ±18.9km
    DEPTH =  80.2 ± 16.5 km
    4 6mb ( 1 obs.)
 SUNDA STRAIT                     (276)

KGM      8.73 349 ePc    49 46.30    0.0
NAU     18.80 149 eP     51 56.00   -0.6
                eS     55 07.00
MBL     20.38 137 eP     52 14.00    0.7
                e      52 19.00
                eS     54 58.00
MEK     23.71 149 eP     53 01.00   14.8X
                eS     57 11.00
CHG     25.95 347 eP     53 07.00   -0.5
WRA     31.40 118 Pc     53 56.30   -0.1
        0.8s    9.00nm          4.6mb
WB2     31.41 118 iPc    53 56.20   -0.3
                i      54 05 90
ASPA    32.53 125 eP     54 07.00    0.8
GYA     32.90   3 eP     54 10.20    0.7
CD2     37.32 358 eP     54 46.90    0.0
XAN     40.59   5 eP     55 14.00   -0.1
TIA     44.08  14 eP     55 42.20   -0.3
GTA     46 03 354 P      55 58.60    0.5
BJI     47.54  12 eP     56 10.50    0.7
HHC     47.60   7 iPd    56 11.60    1.1
SNY     51.10  18 Pd     56 37.00   -0.1
MAT     53.00  34 eP     56 50.00   -1.5
CN2     53.47  18 Pc     56 53.80   -0.9
YKA    117.16  19 ePKP   06 17.70   -0.1
YKC    117.21  19 ePKP   06 17.00   -0.9
TUL    145.14  30 ePKPd 07 15.70    4.8X
        1.1s    41.20nm
BAO    145.32 230 e(PKP)07 11.00   -0.9
RLO    145.32  29 ePKPd 07 10.90   -0.3
BHO    146.81  31 ePKP   07 15.90    2.2
      S.D. = 0.9  on  22 of  24 obs.

?  APR 28, 1985 21h 48m 34.61± 2.87s
    23.775 N ±21.8km  121.688 E ±55.2km
    DEPTH =  33.0 ± 41.1 km
 TAIWAN                           (244)

TWD      0.32 344 iPc    48 42.50    0.0
TWF1     0.55 221 iPd    48 46.00    0.0
TWC      0.84  10 iPd    48 50.00    0.0
                eS     49 01.60
TATO     1.21 351 eP     48 55.20    0.0
TWZ      1.32 356 iP     48 57.00    0.1
                eS     49 14.00
      S.D. = 0.1  on   5 of   5 obs.

*  APR 28, 1985 22h 12m 06.35± 1 00s
    41.606 N ±11.5km  141.990 E ±12.5km
    DEPTH =  75.6 ±  9.4 km
    4.6mb ( 3 obs.)
 HOKKAIDO, JAPAN REGION           (224)

URA      0.81  47 eP     12 23.00    0.0
                eS     12 35.00
SAP      1.53 342 eP     12 32.00   -0.3
                eS     12 53.00
MAT      5.85 211 (P)    13 33.00    0.6
BJI     19.58 274 eP     16 29.00   -1.8
COL     45.04  35 eP     20 17.00    1.2
        0.8s    7.84nm          4.6mb
KKN     47.82 272 eP     20 39.90    1.5
        1.0s    20.00nm          5.0mb
PKI     47.84 272 eP     20 39.80    1.1
DMN     48.05 272 eP     20 40.70    0.5
INK     50.16  29 ePc    20 55.50    0.0
YKA     59.66  32 eP     22 05.30    0.8
WB2     61.64 188 eP     22 16.80   -1.6
NB2     70.15 337 P      23 11.80   -0.5
        0.7s    1.50nm          4.0mb
FRB     72.23  14 eP     23 23.00   -1.6
      S.D. = 1.3  on  13 of  13 obs.

&  APR 28, 1985 22h 23m 53.70s
    34.020 N          117.040 W
    DEPTH =  12.0km
 SOUTHERN CALIFORNIA              ( 43)
      <PAS-P>. ML 3.1 (PAS). Felt at
      Yucaipo.

SDW      0.59 357 iPc    24 04.60   -0.9
TPC      0.83  84 iPd    24 08.80   -0.8
MWC      0.87 284 iPc    24 09.40   -1.0
SBB      0.93 316 iPd    24 10.60   -0.7
SLBC     1.03 191 eP     24 11.90   -1.1
                eS     24 25.40
VPEM     2.03 342 eP     24 30.00    1.8
GLA      2.09 117 eP     24 27.00   -1.9
EUR      5.52   9 e(P)   25 28.50   10.6
       8 obs. associated

   APR 28, 1985 22h 56m 51.33± 0.15s
   55.494 S ± 5.3km   26.149 W ± 4.4km
   DEPTH =  33.0km  (normal)
   5.7mb ( 17 obs.)  5.6Msz ( 15 obs.)
 SOUTH SANDWICH ISLANDS REGION    (153)
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 17S, 35C
      Centroid Location:
      Origin Time        22:56:54.4 0.2
      Lat 55.66S 0 02 Lan  26.03W 0.06
      Dep  10.0 FIX Half-durotian  3.0
      Moment Tensor; Scale 10**24 D-CM
        Mrr=-1.75 0.13  Mtt= 4.59 0.14
```

Mff=-2.83 0.19 Mrt=-4.22 0.38
Mrf=-1.31 0.46 Mtf=-4.94 0.14
Principal Axes:
T Val= 8.16 Plg=19 Azm=202
N -0.90 51 87
P -7.25 32 305
Best Double Couple:Mo=7.7*10**24
NP1:Strike=339 Dip=53 Slip= -11
NP2 76 82 -142

AAS		17.86	235	iPd	00	59.00	0.6
	Z	16s		10.00um			
				iS	04	27.20	
SNA		18.19	154	iPd	01	01.90	-0.5
		0.9s		440.34nm		5.6mb	
AIA		20.88	227	eP	01	33.20	0.7
VBA		29.66	291	ePc	02	54.30	-1.5
SPA		34.69	180	iPc	03	37.70	-2.0
		1.0s		363.00nm		6.3mb	
	Z	22s		15.34um		5.7Msz	
				e	09	55.80	
RDJ		34.94	332	iPd	03	43.20	1.2
RFA		35.59	288	eP	03	46.00	-1.5
VAO		35.94	326	eP	03	52.30	1.7
				i	04	10.10	
				e	06	18.30	
TCA		36.20	296	ePc	03	51.80	-0.9
MDZ		37.23	289	i(P)	04	02.80	1.5
TACH		37.77	286	ePc	04	04.50	-1.3
SAN		37.77	287	eP	04	05.50	-0.3
RTCV		37.85	291	eP	04	05.70	-0.8
PEL		38.02	287	iPd	04	07.40	-0.6
RTLL		38.23	291	ePd	04	08.80	-0.9
RTCB		38.28	291	ePd	04	09.70	-0.5
JACH		38.32	288	iPc	04	11.00	0.4
CER		38.35	74	eP	04	14.50	3.8X
		0.6s		10.71nm		4.8mb	
CYA		39.15	297	iPc	04	16.00	-1.4
MAW		40.25	144	eP	04	26.00	0.0
SLA		42.07	301	ePd	04	41.60	-0.1
BAO		43.18	328	iP	04	51.60	0.9
YJA		44.24	303	ePd	05	00.80	1.2
ANT		45.39	296	eP	05	07.50	-0.8
				eS	11	42.00	
				eSS	15	02.00	
WIN		45.82	62	eP	05	07.50	-4.4X
		1.1s		34.18nm		5.2mb	
SWZ		46.42	74	iPd	05	16.50	-0.1
		1.0s		170.00nm		6.0mb	
SBA		46.68	184	iPc	05	16.90	-0.9
				e	10	42.10	
BFS		47.44	75	iPd	05	24.50	-0.2
		1.0s		110.00nm		5.8mb	
KSR		48.32	75	iPd	05	31.20	-0.3
		0.9s		76.92nm		5.7mb	
BPI		48.70	76	iPc	05	30.50	-4.0X
		0.9s		99.16nm		5.8mb	
EVA		49.02	77	eP	05	37.00	0.1
		1.0s		100.00nm		5.8mb	
SLR		49.18	76	eP	05	37.00	-1.1
		1.0s		100.00nm		5.8mb	
	Z	18s		7.22um		5.7Msz	
ARE		52 02	300	eP	06	00.00	0.0
BUL		53.84	72	iPd	06	13.00	-0.3
				i	06	55.00	
				eS	13	46.00	
DRV		57.72	174	eP	06	38.20	-2.3X
				eS	14	35.00	
MTD		58.20	72	iPd	06	43.00	-1.5
TET		59.80	74	iP	06	56.00	0.5
				epP	07	13.00	64kmX
				iPP	08	25.00	
KIC		64.14	24	iP	07	24.70	0.2
AVY		65.51	88	eP	07	34.20	0.5
OUR		69.52	302	eP	07	56.00	-3.2X
BOG		71.68	309	eP	08	12.50	0.4
				eS	17	26.00	
TRN		72.19	323	iPd	08	15.80	1.2
		1.1s		162.10nm		5.9mb	
BMG		73.43	311	eP	08	35.00	12.9X
NAI		73.93	68	iPd	08	30.00	4.9X
		1.2s		23.44nm		5.1mb	
UAV		74.00	313	eP	08	26.30	0.8
SDV		74.04	314	eP	08	26.30	0.6
TOV		74 51	315	eP	08	26.80	-1.5
PAG		77.31	325	eP	08	45.00	1.0
MLG		77.35	325	eP	08	45.50	1.3

UPA		78.01	306	ePc	08	47.00	-0.8
		0.8s		17.91nm		5.1mb	
SJG		80.76	322	eP	09	01.00	-1.7
		1.1s		75.95nm		5.6mb	
	Z	20s		2.84um		5.6Msz	
TAU		81.81	175	iPd	09	07.90	0.0
MNG		82.50	196	P	09	13.20	1.6
HOJ		84.77	312	eP	09	27.88	4.7X
STH		84.86	312	eP	09	27.12	3.4X
BBJ		85.33	312	eP	09	29.13	3.1X
TOO		87.03	173	eP	09	34.00	-0.4
MUN		87.11	149	iPd	09	35.60	0.8
BFD		87.19	171	eP	09	35.00	-0.1
KLB		87.92	150	eP	09	39.00	0.3
WAM		88.58	176	eP	09	42.90	1.1
ADE		88.97	168	iPd	09	44.80	1.0
		1.0s		76.00nm		6.0mb	
CAN		89.45	176	eP	09	46.60	0.6
MRWA		89.63	148	eP	09	47.00	0.1
YOU		90.47	175	eP	09	51.30	0.6
STK		92.35	170	eP	10	00.00	0.6
				e	13	40.00	
NAU		95.69	145	eP	10	15.00	0.1
ALI		96.02	20	eP	10	18.00	2.3
TOL		96.86	17	eP	10	20.00	0.5
				ePP	14	14.00	
				eSKS	20	50.00	
				eS	21	49.00	
				i	23	15.00	
				eSS	28	40.00	
				eSSS	32	06.00	
WRA		103.05	161	Pdiffc	10	49.00	1.1X
		0.8s		3.40nm		5.1mb	
SKO		105.17	35	ePKP	15	05.00	-6.0X
	Z	19s		0.85um		5.3Msz	
	E	19s		0.85um			
JCT		106.06	300	ePdiff	11	02.50	1.4
		1.1s		11.39nm		5.8mb	
	Z	22s		1.11um		5.4Msz	
RSNY		107.73	326	ePKP	15	38.30	22.5X
		1.5s		22.27nm			
	Z	21s		4.08um		6.0Msz	
FVM		107.98	312	ePKP	15	17.00	0.6
VRI		110.38	36	ePKP	15	03.00	-17.7X
IR2		111.92	59	(PKP)	15	15 00	-9.1X
KRA		111.98	30	ePKP	15	29.20	5.6X
	Z	22s		2.10um		5.7Msz	
	N	22s		1.80um			
	E	22s		1.60um			
				e	25	48.00	
ALO		112.96	298	ePKP	15	25.00	-1.2
	Z	20s		1.60um		5.6Msz	
SCH		114.87	335	ePKP	15	28.00	-1.1
GLA		115.81	291	ePKP	15	32.00	0.4
QUE		115.98	74	ePKP	15	32.30	0.1
GLD		116.14	303	ePKP	15	34.00	1.8
	Z	20s		1.00um		5.4Msz	
GOL		116.17	302	ePKP	15	33.00	0.6
		1.1s		7.05nm			
	Z	20s		0.90um		5.4Msz	
RMU		116.91	297	ePKP	15	34.50	0.8
PLM		117.12	290	ePKP	15	35.00	0.8
TPC		117.27	291	ePKP	15	35.00	0.7
RVR		117.89	290	ePKP	15	35.00	-0.4
MWC		118.43	290	ePKP	15	37.00	0.3
PAS		118.43	290	ePKP	15	34.00	-2.5
GSC		118.58	291	ePKP	15	37.00	0.2
SBB		118.66	290	ePKP	15	36 00	-1.0
CLC		119.39	291	ePKP	15	38.00	-0.3
SYP		119.69	289	ePKP	15	41.00	2.0
NB2		119.88	20	PKP	15	37.60	-0.8
		1.0s		11.00nm			
RSON		119.89	317	ePKP	15	38.30	-0.4
		1.1s		5.81nm			
	Z	20s		1.41um		5.6Msz	
APO		119.97	22	(PKP)	15	34 90	-3.6X
		0.8s		10.90nm			
NDI		120.54	83	ePKP	15	39.00	-1.6
BDW		120.56	302	ePKP	15	40.00	-0.6
		1.2s		15.94nm			
				i	15	58.00	
PRI		121.27	289	ePKP	15	43.00	1.0
EUR		121.29	295	iPKP	15	42.20	0.1
		0.5s		4.65nm			
FRI		121.39	291	ePKP	15	42.80	0.8
MNA		121.65	293	ePKP	15	43.40	0.8
NUR		122.45	27	iPKP	15	43 20	0.0

		0.7s		14.70nm		
	Z	21s		1.20um		5.5Msz
				LR	05	00.00
				ePP	17	24.00
				ePS	27	24.00
				eSS	34	12.00
JAS1		122.47	291	ePKP	15	44.60	0.6
BMN		122.64	295	ePKP	15	45.00	0.5
		1.1s		23.38nm			
				e	16	02.00	
MHC		122.69	290	ePKP	15	45.80	1 2
FRB		123.34	339	ePKP	15	44 00	-6 6
BKS		123.40	290	ePKP	15	47 56	1 7
		1.0s		74.00nm			
BRK		123.41	289	ePKP	15	47.20	1 4
BDT		123.74	110	ePKP	16	07.00	20.6X
LRM		124.20	302	ePKP	15	48.10	0.6
DMN		124.20	90	PKP	15	48.00	-0.1
		1.0s		37.00nm			
ORV		124.23	291	ePKP	15	47.80	0.4
PKI		124.35	90	PKP	15	47.90	-0.5
		0.9s		28.00nm			
KKN		124.44	90	PKP	15	48.10	-0.4
		0.9s		18.00nm			
SUF		124.71	26	iPKP	15	47.20	-0.3
		0.8s		3.70nm			
CHTO		124.99	109	ePKP	15	49.00	-0.4
	Z	22s		0.61um		5.2Msz	
WDC		125.53	292	ePKP	15	49.90	0.0
FFC		126.08	316	ePKP	15	49.00	-1.5
		1.4s		38.00nm			
KJF		126.33	26	iPKP	15	50.60	-0.1
		0.7s		18.70nm			
				ePP	17	32.00	
SHL		126.48	97	iPKP	15	51.70	-0.7
SES		126.82	307	ePKP	15	52.00	-0.2
				pP	16	07.00	
CLX		127.19	303	iPKPd	15	52.60	-0 5
LHD		127.43	303	iPKPd	15	53.00	-0 4
LDM		127.45	303	iPKPc	15	53.40	0 0
RXF		127.65	304	iPKPd	15	53.40	-0.4
YKM		127.92	303	iPKPc	15	40.70	-13.7X
SOD		128.68	23	iPKP	15	54.80	-0.3
				e	17	08.00	
				e	18	25.00	
EDM		129.81	309	iPKPd	15	57.60	-0.1
PNT		130.11	301	ePKP	15	59.00	0.6
KEV		130.70	22	ePKP	15	58.00	-0.8
				eSS	35	44.00	
DAG		132.08	2	iPKPd	16	00.40	-0.9
		1.0s		19.00nm			
KMI		132.15	108	ePKP	16	03.00	-0.3
				PP	18	28.00	
				PKS	19	38.00	
GYA		135.32	111	ePKP	16	29.00	19.9X
WMO		137.21	77	ePKP	16	07.50	-4.6X
GUA		137.56	167	ePKP	16	30.40	16 9X
GUMO		137.61	167	ePKP	16	31.30	17 7X
PJG		137.61	167	ePKP	16	31.20	17 6X
LZH		141.12	99	ePKP	16	13.00	-6 6X
GTA		141.16	91	PKP	16	18.00	-1 5
ANP		141.59	129	ePKP	16	15.00	-5.7X
XAN		142.44	106	ePKP	16	17.60	-4 3X
MBC		143.71	336	ePKP	16	21.00	-1 7
		1.0s		81.00nm			
PNL		145.34	305	ePKP	16	24.50	-1 4
INK		145.73	321	ePKPc	16	25.30	-1.0
		0.5s		89.00nm			
NJ2		146.11	119	iPKPd	16	29 00	1.0
SSE		146.47	123	PKP	16	29.00	0.4
TIY		147.07	105	PKPd	16	31.40	1.9
PME		150.46	306	ePKP	16	42.40	8.5X
	Z	20s		1.70um		5.8Msz	
COL		150.58	312	iPKP	16	31.60	-2 4
		1.1s		258.86nm			
	Z	20s		2.84um		6.1Msz	
				i	16	39.70	
				i	16	47.00	
FBA		150.58	312	ePKP	16	41.40	7 4X
BJI		150.77	106	ePKP	16	41.00	5.9X
KDC		151.03	297	ePKP	16	41.20	6 3X
IMA		153.15	314	ePKP	16	46.00	8 1X
BRW		153.87	326	ePKP	16	46.70	8.1X
TTA		153.91	307	ePKP	16	47.00	8 0X
SHK		154.44	136	ePKP	16	47.80	7 3X
SNY		156.01	112	ePKP	16	43.00	6.7
MAT		158.25	144	ePKP	16	46.00	6 7

28c 23h

```
CN2    158.37 111 PKPc  16 45.00  -0.2
MDJ    161 16 115 ePKP  16 48.50   0.4
      S.D  = 1.0  on 126 of 161 obs.

   APR  28, 1985  23h 00m 56.15± 0.53s
   37.638 S ± 5.4km  176.539 E ± 6.6km
   DEPTH =  10.0km  (geophysicist)
   4.9mb (  1 obs.)  5.4Msz (  1 obs.)
 NORTH ISLAND, NEW ZEALAND          (159)
      Felt at Whakatane and Tauranga.

WIZ      0.53  78 P     01 06.00  -0.8
WNZ      1.05 199 P     01 16.00   0.1
GNZ      1.54 131 iPc   01 23.20  -0.5
CNZ      1.74 206 P     01 27.00   0.3
TRZ      1.93 173 P     01 29.80   0.6
ONE      2.55 316 P     01 37.00  -1.2
                  S     02 21.00
MNG      3.09 195 Pd    01 44.80  -1 0
WEL      3.89 200 P     01 56.70  -0.6
                  (S)   02 44.00
TCW      3.98 205 P     01 58.00  -0.4
                  (S)   09 09.70
CRZ      4.47 315 P     02 04.50  -1.0
COB      4.53 219 eP    02 05.60  -0.8
                  eS    03 06.00
MSZ      9.57 220 P     03 17.00   0.2
                  S     08 55.00
NOU     17.58 328 iPc   05 02.80   0.0
ASPA    38.90 279 eP    08 25.00   1.3
                  e     10 32.00
                  eS    14 42.00
WB2     40.57 284 eP    08 36.20  -1.3
                  e     10 35.80
WRA     40.58 284 Pd    08 39.40   1.8
       1.7s     46.70nm          4.9mb
MBL     51.32 272 eP    09 58.00  -4.7X
ZON     88.14 129 eP    14 08.00  19.4X
LTX     99.99  61 eP    14 37.00  -5.9X
      Z  22s      1.47um          5.4Msz
GBA    105.32 275 Pdiffc15 18.10  11.2X
       0.8s     3.30nm
EDM    108.87  37 ePKP  19 18.00  -8.7X
YKA    113.93  28 ePdiff15 49.20   5.1X
SOD    145.74 340 ePKP  20 30.00  -5.4X
KJF    147.57 335 ePKP  20 27.00 -11.4X
KIC    148.85 178 ePKP  20 44.30   2.3
SUF    149.06 334 iPKP  20 42.10   1.3
NUR    151.03 331 ePKP  20 49.00   5.1X
      S.D.  = 1.1  on  18 of  27 obs.

&  APR  28, 1985  23h 10m 37.99s
   62.098 N          149.443 W
   DEPTH =  50.7km
 CENTRAL ALASKA                    (  1)
      <AGS-P>.

MSE      0.34 139 iP    10 47.37  -0.5
                  iS    10 54.95
GHO      0.41 143 iP    10 48 03  -0.4
                  iS    10 55.88
PWA      0.49 205 eP    10 48.92  -0.3
                  eS    10 57.32
PME      0.51 157 eP    10 48.95  -0.5
                  eS    10 57.77
PMR      0.53 164 eP    10 48.90  -0.8
                  eS    10 57.82
SML      0.60 119 iP    10 49.85  -0.8
                  eS    11 00.15
KMP      0 83 145 iP    10 53.36  -0.3
                  iS    11 05.21
PMS      0 86 184 eP    10 53.58  -0.5
SUA      0 89 275 eP    10 54.37  -0.1
                  iS    11 07.30
SKT      0.99 264 iP    10 55.06  -0.8
                  iS    11 08.47
SCM      1.03 104 eP    10 55.82  -0.7
TTV      1.53 132 eP    11 03.75   0.5
                  eS    11 24.67
CRP      1.54 238 eP    11 04.17   0.6
SPU      1.55 235 eP    11 03.47  -0.2
                  eS    11 24.28
SLKM     1.64 194 eP    11 04.40  -0.5
GLI      1.66 136 eP    11 05.10  -0.1
                  eS    11 27.08
VZW      1.73 126 eP    11 05.61  -0.6
KLU      1.78 108 iP    11 06.40  -0.5
                  eS    11 28.10
FID      1.96 132 eP    11 08.76  -0.7
RDT      2.09 224 eP    11 10.72  -0.6
                  iS    11 37.52
ILM      2.52 222 eP    11 18.72   1.3
RAGM     2.87 125 eP    11 22.65   0.2
COL      2.91  14 eP    11 22.00  -0.9
FBA      2.91  14 eP    11 22.39  -0.5
TTA      3.16 288 eP    11 25.90  -0.7
       25 obs. associated

&  APR  28, 1985  23h 12m 44.35s
   59.861 N          153.398 W
   DEPTH = 125.5km
 SOUTHERN ALASKA                   (  2)
      <AGS-P>.

ILM      0.43  42 eP    13 02.18  -0.6
                  iS    13 16.70
RDT      0.87  34 iP    13 05.38  -0.6
BRLK     1.27  93 iP    13 09.10  -0.9
                  iS    13 27.98
NKA      1.39  50 eP    13 12.23   1.0
SPU      1.48  26 iP    13 11.55  -0.8
CRP      1.54  23 eP    13 12.62  -0.5
SVW      1.67 320 eP    13 12.56  -2.0
SLKM     1.71  66 eP    13 13.88  -1.2
SEW      2.00  81 eP    13 17.23  -1.3
SUA      2.07  38 eP    13 18.65  -0.9
MPA      2.11  71 eP    13 18.67  -1.3
PMS      2.35  52 iP    13 21.60  -1.4
PTE      2.40  63 eP    13 21.60  -1.9
KNK      2.89  55 eP    13 27.46  -2.6
GHO      2.91  47 eP    13 27.75  -2.6
MSE      2.94  46 eP    13 27.96  -2.8
SML      3.16  50 eP    13 30.73  -2.8
COL      5.69  25 eP    14 04.00  -3.7
       18 obs. associated

%  APR  29, 1985  01h 11m 06.07± 1.52s
   16.721 N ± 9.9km   61.901 W ±27.5km
   DEPTH =  33 0km  (normal)
 LEEWARD ISLANDS                   ( 92)

BPA      0.33   7 eP    11 14.19   0.0
                  S     11 24.20
SEG      0.49 130 iP    11 17.13   0.5
                  S     11 29.40
MLG      0.68 164 eP    11 19.50   0.2
                  S     11 34.80
PAG      0.72 163 eP    11 20.09   0.3
MGG      0.98 145 eP    11 22.41  -1.0
      S.D.  = 0.9  on   5 of   5 obs.

•  APR  29, 1985  01h 22m 49.55± 0.81s
   36.283 N ± 9.3km  106.167 E ± 8.5km
   DEPTH =  33.0km  (normal)
 NORTHERN CHINA                    (323)

LZH      1.89 265 iPgd  23 21.00   0.8
                  Sg    23 44.00
XAN      3.18 134 ePn   23 38.84   0.4
                  Pg    23 46.00
                  Sg    24 26.20
BTO      5.26  34 eP    24 30.00  22.0X
CD2      5.72 201 ePn   24 13.80  -0.7
                  Pg    24 38.00
                  S     25 35.00
                  Sg    25 47.00
GTA      5.92 304 Pn    24 17.00  -0.3
                  Pg    24 45.00
                  S     25 55.20
HHC      6.22  41 Pn    24 21.40  -0.1
                  e     24 40.30
      S.D.  = 0.8  on   5 of   6 obs.

?  APR  29, 1985  01h 32m 13.76±15.01s
   33.403 S ±18.3km   72.729 W ±121.km
   DEPTH =  33.0km  (normal)
 OFF COAST OF CENTRAL CHILE        (134)

LNV      1.23 117 iPd   32 34.80   0.1
                  iS    32 47.60
TACH     1.52 100 iPc   32 38.50  -0.4
                  iS    33 54.00
SAN      1.73  92 iPd   32 42.10   0.1
                  iS    33 00.50
PEL      1.73  82 iPc   32 42.20   0.2
                  iS    33 57.10
JACH     1.93  69 iPd   32 45.30   0.3
                  iS    33 08.10
FCH      2.04  89 iPc   32 47.10   0.3
                  iS    33 09.90
MDZ      3.29  82 eP    33 11.40   7.1X
RFA      3.79 112 (P)   33 15.00   3.7X
TCA      7.19  76 e(P)  33 58.70  -0.6
      S.D.  = 0.4  on   7 of   9 obs.

   APR  29, 1985  02h 19m 59.60± 0.25s
   41.479 N ± 2.0km  142.043 E ± 2.4km
   DEPTH =  71.0 ±  2.3 km
   5.7mb ( 80 obs.)
 HOKKAIDO, JAPAN REGION            (224)
      Felt (IV JMA) at Mutsu, (III
      JMA) at Urakawa, (II JMA) at
      Kushiro and Sapporo and (I JMA)
      at Muroran. Felt (III JMA) at
      Aomori, Hachinohe and Miyako,
      (II JMA) at Hokodate and Morioka
      and (I JMA) at Akita and Mito,
      Honshu. Felt (II) on Skikotan,
      Kuril Islands.
      FAULT PLANE SOLUTION: P-Waves
       NP1:Strike= 33 Dip=58 Slip=  75
       NP2:       240     35        112
       Principal Axes:
        T              Plg=73  Azm=265
        P                 12       134
      Comment: The focal mechanism is
       poorly controlled and
       corresponds to reverse
       faulting with a small right-
       lateral strike-slip component.
       The preferred fault plane is
       NP2.
      MOMENT TENSOR SOLUTION
      Dep  49            No. of sta: 16
      Moment Tensor; Scale 10**24 d-cm
        Mrr= 4.33        Mtt=-2.14
        Mff=-2.18        Mrt= 1.54
        Mrf= 4.33        Mtf=-2.48
       Principal axes:
        T  Val=  6.50  Plg=64  Azm=274
        N       -0.15     13       33
        P       -6.35     22      128
      Best Double Couple:Mo=6.4*10**24
       NP1:Strike=241 Dip=26 Slip= 121
       NP2:       27     68        76
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 13S, 28C
      Centroid Location:
      Origin Time       02:20: 2.1 0.2
      Lat 41.26N 0.02 Lon 142.27E 0.03
      Dep  56.8 2.0 Half-duration  3.1
      Moment Tensor; Scale 10**24 D-CM
        Mrr= 5.01 0.12  Mtt=-1.01 0.15
        Mff=-4.00 0.19  Mrt= 1.98 0.16
        Mrf= 3.61 0.18  Mtf=-1.78 0.18
       Principal Axes:
        T  Val=  6.51  Plg=70  Azm=302
        N       -0.18      2       207
        P       -6.33     20       116
      Best Double Couple:Mo=6.4*10**24
       NP1:Strike=203 Dip=25 Slip=  86
       NP2:       27     65        92

URA      0.87  39 iPc   20 16.00  -0.8
                  S     20 28.80
HAK      1.02 290 iPd   20 18.30  -0.3
                  S     20 30.70
HAC      1.03 202 iPc   20 18.00  -0.8
                  iS    20 31.00
MRR      1.15 317 iPd   20 19.30  -1.0
                  iS    20 33.60
AOM      1.16 236 iPd   20 20.20  -0.2
                  eS    20 36.00
SAP      1.66 342 iPd   20 26.70  -0.5
                  iS    20 48.70
OBI      1.69  31 Pd    20 28.10   0.6
                  iS    20 49.10
MIY      1 83 182 Pd    20 28.10  -1.4
                  S     20 48.30
SUT      1.87 315 Pd    20 29.80  -0.3
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			S	20	53.10				Z	20s	11.90um				NST	44.29	247	iPc	28	04.00	0.0
MRK	1.90	201	P	20	30.50	0.0			N	20s	7.50um				PMR	44.82	39	e(P)	28	07.40	-0.4
			eS	20	52.00				E	20s	12.10um					Z 20s	2.50um				5.1Msz
AKI	2.30	221	P	20	36.80	0.9					pP	24	27.20	20kmX	PME	44.87	39	eP	28	08.00	-0.1
			S	21	06.60						sP	24	38.00			0.7s	30.00nm				5.2mb
KUS	2.30	49	Pd	20	34.10	-1.9					eS	28	00.00		COL	45.13	34	iPc	28	10.70	0.5
			eS	20	59.00						SS	28	16.00			Z 20s	3.90um				5.3Msz
ASA	2.30	6	eP	20	37.00	1.0	TIA	20.08	263	Pc	24	26.00	-3 7X				iS	34	47.00		
			iS	21	05.30						pP	24	48.00	120kmX	FBA	45.13	34	eP	28	10.70	0.5
OFU	2.43	186	Pd	20	37.10	-0.6					S	27	56.00			0.7s	56.40nm				5.5mb
			iS	21	04.50		NJ2	20.77	251	iPc	24	33.50	-3 3X	TOA	46.15	38	eP	28	19.30	0.9
RMJ	2.49	353	Pd	20	38.50	-0.1					pP	24	54.00	101kmX	MDG	46.63	175	e(P)	28	13.00	-9.5X
			S	21	06.40						iS	28	20.00		PKI	47.88	272	iP	28	32.30	-0.5
ABJ	3.03	32	eP	20	45.00	-1.1	HHC	22.90	279	Pc	24	55.50	-2.5		DMN	48.09	272	iP	28	33.70	-0.6
			iS	21	20.10		TIY	23.07	270	Pc	24	57.60	-2.0		SNG	50.14	239	eP	28	50.00	0.3
ISN	3.10	191	Pd	20	46.30	-0.9					pP	25	20.00	105kmX	INK	50.25	29	iPc	28	49.40	-0.5
			iS	21	20.80						sP	25	31.50			0.5s	49.00nm				5.8mb
NEM	3.21	54	Pd	20	45.50	-3.2X	ANP	23.54	233	eP	25	05.00	0.8		LMG	50.45	172	e(P)	29	00.00	7.8X
			iS	21	19.10		TATO	23.71	232	eP	25	05.00	-0.7		MKS	50.85	210	iPd	28	55.00	-0.1
SEN	3.33	196	eP	20	50.00	-0.4		1.0s	496.00nm			5.9mb				0.6s	169.40nm				6.3mb
			S	21	27.90						e	25	22.00		MBC	52.14	17	iPc	29	03.30	-0.9
YAM	3.47	203	Pc	20	54.30	1.9	BTO	24.10	279	iPc	25	07.00	-2.7			0.9s	64.00nm				5.7mb
			eS	21	32.00						S	29	18.00		SVO	52.96	158	eP	29	11.00	0.1
FKS	3.91	199	eP	21	00.00	1.5	WHN	24.82	253	eP	25	13.00	-3.4X		VSG	53.03	158	eP	29	12.00	0.5
			S	21	45.50						sP	25	46.00		NDI	53.42	278	ePg	29	12.60	-1.7
WAK	3.95	356	eP	21	01.00	2.1					S	29	34.00					eSg	29	15.70	
			eS	21	45.00						iPcS	32	19.00		TSI	54.25	238	ePc	29	20.60	0.1
NII	4.25	214	P	21	05.00	1.8	QZH	25.51	237	iPc	25	22.50	-0.4		PSI	54.64	237	iPc	29	22.50	-0.8
			S	21	54.50						pP	25	45.00	104kmX		1.0s	172.90nm				6.0mb
ONA	4.61	191	P	21	14.50	6.1X					S	29	46.00		ALE	55.67	4	ePc	29	28.20	-1.8
			iS	22	12.50		XAN	27.10	265	iPc	25	35.00	-2.5			0.7s	57 00nm				5.7mb
UTS	5.21	200	ePc	21	17.00	0.3					S	30	05.50		TRT	55.88	216	ePc	29	21.00	-11.2X
			iS	22	18.10		GUA	27.95	174	e(P)	25	42.30	-2.9X	PPI	56.20	233	eP	29	33.70	-0.9
MIT	5.24	194	eP	21	20.00	2.9X	LZH	30.09	272	Pc	26	02.50	-2.0		KBS	56.38	350	iP+	29	35.20	0.6
			S	22	16.00			1.6s	218.00nm			5.6mb			KNA	58.25	195	iPc	29	47.30	-1.6
TKD	5.27	215	eP	21	20.00	2.5		E 14s	3.80um						HY8	58.90	266	iPc	29	52.20	-1.5
			eS	22	18.60						PPP	27	04.00			0.8s	130 80nm				6.1mb
TSK	5.47	197	eP	21	16.40	-4.0X					eS	30	55.00		KEV	59.48	339	iP	29	55.70	-1.2
MAE	5.58	206	eP	21	25.00	3.2X	GZH	30.21	242	iPc	26	05.00	-0.4			0.7s	29.40nm				5.5mb
			eS	22	32.00						S	31	00.00				ePPP	33	44.00		
NGN	5.67	213	eP	21	24.00	0.9	HKC	30.22	239	iP	26	05.90	0.4				eS	38	06.00		
			S	22	24.40						isP	26	30.00				eSS	41	56.00		
WAJ	5.70	226	Pd	21	24.50	0.9					iS	31	04.00		YKA	59.75	32	eP	29	58.50	-0.4
			eS	22	30.00		BAG	31.08	223	eP	26	10.10	-3.3X	YKC	59.81	32	eP	29	58.00	-1.3
KMG	5.71	202	eP	21	28.00	4.2X					eS	31	04.00			0.5s	16.00nm				5.4mb
			S	22	35.80		GTA	31.98	281	iPc	26	20.00	-1.0	CTA	61.38	175	iPc	30	08.90	-1.4
MAT	5.76	212	iPc	21	24.60	0.1					PP	27	26.00			1.4s	53.49nm				5.5mb
	0.1s	4888.89nm				7.8mb X					PcP	29	10.00				iS	38	24.00		
			eS	22	33.00						S	31	27.50		DAG	61.40	355	iPd	30	07.80	-2.2
CHO	5.82	190	eP	21	34.00	8.7X					ScP	32	47.20			0.7s	51.37nm				5.8mb
			eS	22	39.00						PcS	32	54.80				i	38	28.00		
DDR	5.91	203	eP	21	24.30	-2.3					ScS	36	44.70		WB2	61.52	188	eP	30	09.00	-2.3
			S	22	41.70		QCP	32.34	220	eP	26	28.50	4.4X	TRO	61.68	341	iP	30	10.50	-1.4
TOK	6.05	198	eP	21	30.00	1.5	CD2	32.41	263	iPc	26	22.80	-1.9		POO	61.75	270	iPc	30	13.00	-0.1
			eS	22	34.00						S	31	31.00				iS	38	32.00		
TOY	6.07	220	eP	21	30.00	1.3	GYA	32.69	254	Pc	26	26.00	-1.3		ISQ	61.92	183	eP	30	12.00	-2.0
SRY	6.25	201	eP	21	29.10	-2.1					S	31	38.00		MHI	62.12	295	iPc	30	14 90	-0.5
YOK	6.32	198	eP	21	37.00	4.9X	QIZ	35.38	241	Pc	26	51.00	0.7			0.7s	54.79nm				5.8mb
			iS	22	53.10						pP	27	14.00	98kmX			e	32	32.00		
KOF	6.41	206	eP	21	36.00	2.5	KMI	36.32	256	Pc+	26	56.00	-2.5X				eS	38	36.00		
			S	22	56.80			4.0s	1.70nm			3.3mb X		KJF	62.75	333	iP	30	17.80	-1.3
OYM	6.44	201	eP	21	23.50	-10.3X		N 16s	3.10um							0.7s	64.10nm				5.8mb
KAN	6 47	222	ePc	21	36.00	1.7					pP	27	06.00	34kmX		Z 16s	4.00um				5.7MszX
			iS	22	54.00						sP	27	22.00				ePP	32	32.00		
IID	6.81	210	eP	21	43.00	4.0X					PP	28	23.00				ePPP	34	20.00		
			S	23	02.20						PPP	28	43.00				eS	38	40.00		
SHZ	7.10	205	eP	21	48.00	5.1X					S	32	34.00				esS	39	16.00		
NAG	7.46	214	eP	21	51.00	3.1X					sS	32	58.00				eSS	42	40.00		
			eS	23	21.00		DAV	37.25	208	eP	27	06.00	0.0				LR	59	18.00		
HMM	7.57	208	eP	21	55.00	5.6X					eS	32	43.00		KHI	63.88	293	iP+	30	26.30	-0.9
			eS	23	22.00		WMQ	39.44	292	iPc	27	24.00	-0.3		SUF	64.25	333	iP	30	27.70	-1.2
OSA	8.51	219	eP	22	03.00	0.6					S	33	21.60			0.7s	115.60nm				5.9mb
MDJ	9.64	293	eP	22	17.50	-0.4	TTA	41.54	38	eP	27	42.00	0.8		KOD	64.28	261	iP	30	29.00	-1.1
			eS	23	01.00		SVW	41.74	40	eP	27	44.20	1.4			1.0s	96.00nm				5.7mb
SHK	10.13	230	iPc	22	25.20	0.7	LOE	41.99	247	eP	27	45.00	-0.3		PNT	64.68	46	eP	30	31.00	-1.0
			eS	24	15.80		BRW	42.16	25	P	27	45.30	-0.8				pP	30	49.00	68kmX
CN2	12.44	286	Pc	22	54.50	-0.9	LSA	42.47	271	Pc	27	50.70	1.0		ASPA	65.25	188	iPc	30	34.70	-1.0
SNY	13.82	278	iPc	23	14.00	0.6					S	34	06.00			0.9s	61.00nm				5.5mb
			pP	23	28.00		IMA	42.65	33	eP	27	50.60	0.2		COR	65.29	52	eP	30	45.00	9.1X
DL2	15.81	267	Pc	23	39.00	-0.1		0.6s	18.90nm			5.1mb			EDM	65.59	40	ePc	30	37.50	-0.2
BJI	19.63	274	iPc+	24	21.50	-3.5X	CHG	43.01	252	iPc	27	53.80	0.1		MBL	65.64	203	iPc	30	37.10	-1.1
			sP	24	38.00			0.7s	98.97nm			5.7mb			NUR	66.28	331	iP	30	41.00	-0.9
			eS	27	52.00						eS	34	28.00			0.7s	100.10nm				5.9mb
			SS	28	25.00		KDC	43.59	45	e(P)	27	57 80	-0 1			Z 20s	6.40um				5.8Msz
			ScP	32	11.00		JAY	43.80	182	ePd	28	01.00	0.9				ePP	32	56.00		
			ScS	35	53.00		BDT	44.01	250	iPc	28	01 40	-0.3				eS	39	24.00		
SSE	19.70	245	P+	24	22.00	-3.7X		0.5s	57.30nm			5.6mb					esS	39	56.00		

29d 02h

			eSS	43	24.00					e	31	50.00			RKG	78.63	201	eP	31	58.00	3.1X
			LR	01	20.00			CFR	75.45	318	iPc	31	38.00	0.7	GOL	78.63	47	eP	31	56.00	0.5
NE*	66.64	46	P	30	43.60	-0.9		ODB	75.57	319	eP	31	40.00	2.0		1.1s	16.03nm				4.9mb	
	0.8s	8.27nm				4.7mb		YOU	75.61	175	eP	31	39.10	0.9				e	32	15.50	
			pP	31	02.80	78kmX		VRI	75.67	319	iPc	31	38.10	-0.5	GLD	78.68	46	P	31	56.40	0.8
YKM	67.03	45	iPd	30	46.80	-0.3		KRA	75.70	326	iPc	31	38.90	0.2		1.5s	132.81nm				5.7mb	
RXF	67.34	44	eP	30	56.00	7.0X			0.6s	136.00nm				6.1mb				pP	32	16.30	74kmX
NOU	67.38	156	iPc	31	01.00	11.7X			Z 20s	6.70um				5.9Msz	HOF	78.72	330	eP	31	55.30	-0.1
LHD	67.48	45	iPd	30	49.70	-0.2			N 20s	4.40um						1.3s	163.00nm				5.8mb	
LDM	67.49	45	eP	30	50.00	0.1			E 20s	5.20um					ALT	78.72	313	iP	31	54.70	-1.1
CLX	67.73	45	iPc	30	51.50	-0.1					i	31	44.00		SOP	78.95	326	iPc	31	57.80	1.1
RMO	67.91	174	eP	30	32.00	-20.5X					i	31	48.70			1.0s	212.80nm				6.0mb	
WDC	68.07	55	eP	30	53.30	-0.3					e	32	03.00		KHC	79.02	328	iPc	31	56.50	-0.6
			i	31	11.50						eS	41	14.00			1.0s	107.00nm				5.7mb	
IR2	68.24	299	iPc	30	54.50	-0.4		BRD	75.76	319	eP	31	41.00	1.9		Z 18s	1.30um				5.3Msz	
NAU	68.29	206	iPc	30	54.50	-0.4		TLB	75.93	318	iPc	31	40.00	0.0		N 18s	0.70um					
GAS	68.51	56	P	30	57.10	0.6		RSON	75.98	33	eP	31	39.10	-1.1		E 18s	0.90um					
MIN	68.78	55	eP	30	57.50	-0.7			1.2s	20.69nm				4.9mb				e	32	17.50	
GDH	68.99	6	iPd	30	58.00	-0.7					e	31	57.00					e	33	47.40	
	Z 20s	3.19um				5.6Msz		KLB	76.08	201	eP	31	40.00	-0.9				e	34	55.00	
			iS	40	35.00			PLM	76.11	58	eP	31	41.00	-0.6				S	42	26.00	
UPP	69.19	334	iPc	30	58.60	-1.5		ADE	76.13	183	iPd	31	42.00	0.8	EDC	79.03	315	iPc	31	57.70	0.4
			iS	39	29.00			TPC	76.14	57	eP	31	41.00	-0.5	BHL	79.05	306	Pc	31	58.00	0.4
ORV	69.32	55	eP	31	01.70	0.4					e	32	01.00		WTS	79.12	334	iPc	31	57.80	0.3
			e	31	18.60			SPC	76.22	325	iPc	31	42.60	0.7		1.0s	92.00nm				5.7mb	
FFC	69.72	34	iPc	31	02.70	-0.8					i	32	06.50					e	32	17.00	
	1.2s	53.00nm				5.3mb					i	34	20.00		DST	79.15	314	iPc	31	57.90	-0.1
TAB	69.75	303	iP+	31	05.00	0.9		ISR	76.28	319	iPc	31	43.00	0.9	WET	79.28	329	iPc	31	59.10	0.6
HFS	70.25	335	eP	31	05.60	-1.0		BRL	76.45	331	iPc	31	43.50	0.7	PLD	79.40	318	eP	32	00.00	0.8
	0.5s	69.80nm				5.8mb		PSN	76.49	317	iPd	31	44.00	0.8	KDZ	79.41	317	iPc	32	00.00	0.7
NB2	70.29	337	P	31	06.20	-0 7		BRN	76.53	331	iPc	31	44.00	0.7	GRF	79.47	330	iPc	32	00.20	0.7
	0.5s	30.30nm				5.5mb		KSP	76.59	328	iPc	31	43.70	0.0		1.3s	251.00nm				6.0mb	
LRM	70.66	46	ePc	31	09.20	-0.5			1.2s	137.00nm				5.8mb		Z 21s	3.50um				5.7Msz	
SHI	70.72	293	eP	31	09.00	-1.2					i	32	03.60		LHC	79.68	32	eP	31	59.50	-1.1
JAS1	70.98	56	iPc	31	11.40	0.0					e	34	35.80		CSS	79.72	308	eP	32	01.50	0.4
			e	31	29.20			JOS	76.61	324	iPc	31	44.50	0.6	VTS	79.79	319	iPc	32	02.00	0.7
BMN	71.37	52	iP	31	14.00	0.1		BAR	76.67	58	eP	31	45.00	0.5	TNS	80.04	332	ePc	32	02.40	-0.2
	1.3s	41.33nm				5.2mb		RTB	76.69	302	iPd	31	46.00	1.5	EZN	80.22	315	iPc	32	03.70	0.0
			e	31	33.00			CAN	76.69	174	eP	31	44.60	0.3	CRI	80.25	305	eP	32	05.00	1.0
KER	71.51	300	eP	31	14.00	-0.8		HAM	76.84	333	iPc	31	45.50	0.5	MMB	80.27	318	iPc	32	05.00	1.0
HYA	71.60	339	iP+	31	14.00	-0.7		MUN	76.88	202	eP	31	45.00	-0.4	BHG	80.43	328	iPc	32	05.60	1.0
HPI	71.66	48	P	31	15.70	-0.1		BUC	77.02	319	iPc	31	44.50	-1.7		1.3s	267.00nm				6.0mb	
KONO	71.89	337	iP	31	16.00	-0.4		CGN	77.25	318	eP	31	48.00	0.6	ENN	80.46	333	iPc	32	04.50	-0.2
MNA	72.06	54	eP	31	18.40	0.3		RMU	77.26	52	eP	31	50.80	2.9X		1.2s	179.00nm				5.9mb	
AKU	72.06	352	iP	31	19.00	1.7		PSZ	77.33	324	iPc	31	48.00	0.1				e	32	23.00	
	1.9s	336.84nm				5.9mb		NWAO	77.49	201	eP	31	48.00	-0.7	ELL	80.46	311	iP	32	04.80	-0.4
SUE	72.06	340	iP+	31	16.60	-0.8		CLL	77.49	330	iPc	31	48.10	-0.5	MEM	80.56	333	Pc	32	05.20	0.0
FRB	72.34	14	iPc	31	17.70	-1.3			1.7s	210.00nm				5.8mb				e	32	25.10	
	0.6s	80.00nm				5.8mb			Z 20s	3.00um				5.6Msz	PRK	80.67	315	eP	32	06.00	0.0
ASK	72.44	339	iP	31	19.10	-0.5					i	31	58.30		FUR	80.70	329	eP	32	06.50	0.4
BER	72.48	339	iP	31	19.70	-0.2					i(pP)	32	08.00	74kmX		1.0s	141.00nm				5.8mb	
	Z 30s	2427.00um				8.3MszX		WAM	77.55	174	eP	31	50.30	1.4	IZM	80.75	314	iP	32	06.10	-0.5
ODD	72.48	338	iP+	31	19.60	-0.4		GLA	77.60	57	eP	31	50.00	0.4	KBA	80.76	327	iPd	32	06.70	0.1
CMS	72.69	177	eP	31	21.00	-0.3		GPA	77.75	313	iP	31	50.10	-0.2		0.7s	66.70nm				5.7mb	
EUR	72.72	52	iP	31	22.00	0.0		ISK	77.88	315	iPd	31	51.20	0.3				i	32	29.20	
	0.8s	17.99nm				5.1mb		PRU	77.95	328	iPc	31	52.00	0.8				iPP	35	13.70	
MSL	72.79	303	ePd	31	21.50	-0.7			1.8s	200.00nm				5.8mb				i	35	37.20	
STF	73.00	180	iPc	31	23.20	0.1			Z 18s	2.70um				5.6Msz	JER	80.78	304	iPc	32	07.00	0.2
SYP	73.37	59	eP	31	28 00	2.2			N 18s	1.50um					UCC	80.95	334	Pc	32	07.20	-0.1
			e	31	45.00				E 16s	1.40um								e	32	27.50	
KMY	73.50	338	iP+	31	25.70	-0.1					ipP	32	11.40	72kmX	SCH	80.96	16	ePc	32	07.00	-0.4
WAR	73.61	327	eP	31	28.00	1.4					S	41	41.00		STU	80.98	331	iPc	32	07.50	0.0
	Z 18s	5.70um				5.9Msz					e	42	14.00			1.0s	100.00nm				5.7mb	
			e	41	14.00			DMK	78.03	316	iPd	31	52.40	0.6		Z 20s	2.84um				5.6Msz	
BHD	73.95	300	iP	31	28.50	-0.4		YLV	78.06	314	iPc	31	52.20	0.1	VAY	81.05	318	iPc	32	08.70	0.7
REY	73.96	353	eP	31	28.90	0.5		SRO	78.10	325	iPc	31	52.50	0.5	LJU	81 10	326	ePc	32	08.20	0.0
CLC	74.06	56	eP	31	30.00	0.3			N 20s	2.60um								e	32	28.30	
DUG	74.11	50	P	31	30.00	0.0			E 20s	1.60um								eS	42	46.00	
	0.6s	6.99nm				4.8mb					e	32	09.50		SKO	81.12	319	iPc	32	09.50	1.1
COP	74.19	333	iPd	31	30.00	0.1		CLO	78.14	321	iPc	31	53.00	0.7		1.7s	400.00nm				6.1mb	
	0.4s	94.92nm				6.1mb		ZST	78.32	326	eP	31	53.70	0.5				iS	42	47.00	
	Z 19s	6 25um				5.9Msz					e	32	13.50		WLF	81.32	333	Pc	32	09.30	0.1
			iS	41	02.00			PVL	78.40	318	iPc	31	54.00	0.2				e	32	29.00	
BDW	74.22	47	iP	31	30 20	-0.5		WIT	78.48	334	iPc	31	55.20	1.2	DMU	81.32	342	iPc	32	09.50	0.3
	1.2s	35 07nm			5	2mb		MOX	78.55	330	iPc	31	54.00	-0.5		1.1s	130.00nm				5.8mb	
			i	31	50.00				1.7s	212.00nm				5.8mb	VOY	81.37	326	eP	32	08.00	-1.7
MPWA	74.35	203	iPc	31	30.60	-0.5			Z 18s	3.00um				5.7Msz	ALQ	81.37	51	eP	32	09.30	-0.8
MUD	74 63	335	iPd	31	33.20	0.8			N 18s	1.90um						1.5s	65.97nm				5.3mb	
	0 7s	38.00nm			5	4mb			E 18s	1.80um						Z 20s	1.24um				5.3Msz	
SBB	74.64	57	eP	31	28.00	-5 0X					i	32	14.00					e	32	17.00	
			e	31	45.00						eS	41	40.00		GWF	81.38	332	iPc	32	09.50	-0.1
PAS	74.77	58	eP	31	34.00	0.3					ePS	42	15.00		BUH	81.42	331	eP	32	09.90	0.0
			e	31	52.00			VKA	78.59	326	iPc	31	55.40	0.6	DOU	81.47	334	P+	32	09.50	-0.5
MWC	74.79	58	eP	31	33.00	-1.1			3.0s	649.00nm				6.0mb		Z 28s	3.70um				5.6MszX	
GSC	74.89	56	eP	31	34.00	-0.5			Z 21s	2.20um				5.5Msz	TRI	81.69	326	i(P)c	32	10.50	-0.7
CLI	74.91	320	iPc	31	34.00	-0.3					i	32	19.60					i	32	35.00	
RVR	75.37	58	eP	31	37.00	-0.1					iPP	34	54.80					i(PP)	35	21.00	

		e(S)	42	18.00		
		i	42	52.00		
		e(SS)	47	44.00		
		e(SSS)	51	04.00		
DLE	81.80	342 iPc	32	12.00	0.3	
	0.7s	75.00nm			5.7mb	
OGA	81.86	328 iPc	32	13.00	0.6	
PRNI	81.88	303 eP	32	13.70	1.1	
DCN	81.92	342 iPc	32	12.80	0.5	
	1.0s	103.00nm			5.7mb	
CDF	81.98	331 iPc	32	13.10	0.2	
	0.9s	49.10nm			5.5mb	
SLE	82.08	330 eP+	32	13.10	-0.2	
OHR	82.09	319 eP	32	13.70	0.2	
SAX	82.19	330 eP+	32	14.10	-0.1	
KZN	82.21	318 eP	32	14.00	-0.2	
ETA	82.26	341 iPc	32	14.30	0.2	
	1.3s	150.00nm			5.8mb	
CTI	82.28	328 iPc	32	13.70	-0.8	
OSS	82.35	329 eP+	32	15.10	0.2	
ZUL	82.36	330 eP	32	14.70	-0.1	
LLS	82.64	330 ePd	32	16.70	0.3	
BSF	82.65	331 iPc	32	16.30	0.0	
	0.8s	28.30nm			5.3mb	
HAU	82.66	332 iPc	32	16.30	0.0	
	0.7s	19.80nm			5.2mb	
ECB	82.70	341 iPc	32	16.80	0.4	
	1.0s	120.00nm			5.8mb	
ECP	82.77	341 iPc	32	17.20	0.5	
	1.1s	230.00nm			6.0mb	
VDL	82.78	329 eP+	32	17.70	0.5	
ATH	82.96	315 eP	32	27.50	9.5X	
SAL	83.09	328 eP	32	18.50	0.0	
MMK	83.71	330 eP+	32	22.30	0.3	
VAL	83.89	343 iP	32	23.00	0.6	
		iS	42	41.00		
DIX	83.90	330 eP	32	23.30	0.3	
NPS	83.94	313 eP	32	22.00	-1.1	
LCI	84.06	320 eP	32	23.50	0.0	
ORO	84.07	330 iPc	32	23.50	-0.1	
EMS	84.09	330 eP	32	23.90	0.1	
LOR	84.16	333 iPc	32	24.10	0.2	
FLN	84.25	336 iPc	32	24.40	0.1	
	0.7s	52.90nm			5.7mb	
LDF	84.29	336 iPc	32	24.60	0.0	
	0.7s	36.10nm			5.5mb	
LBF	84.36	333 iPc	32	25.10	0.1	
GRC	84.40	333 iPc	32	25.20	0.1	
		i	32	43.50		
VLS	84.43	318 eP	32	25.00	-0.4	
SSF	84 46	333 iPc	32	25.80	0.4	
	0.8s	37.60nm			5.5mb	
HLW	84.49	305 iPc	32	17.00	-8.8X	
		eS	42	46.00		
AQU	84 54	324 eP	32	27.50	1.5	
GRR	84.70	336 iPc	32	26.70	0.1	
	0.7s	39.00nm			5.6mb	
SMF	84 70	333 iPc	32	27.00	0.3	
AVF	84.75	333 iPc	32	27.50	0.7	
MNS	84.83	325 iPc	32	27.00	-0.3	
ORI	85.00	321 eP	32	29.50	1.3	
LPF	85.07	336 iPc	32	29.20	0.7	
	0.8s	60.60nm			5.7mb	
BGF	85.12	333 iPc	32	29.10	0.3	
	0.7s	25.80nm			5.4mb	
SGO	85.13	322 iP	32	29.50	0.7	
PLDF	85.36	332 iPc	32	30.90	0.8	
MZF	85.51	333 iPc	32	31.50	0.8	
TCF	85.57	333 iPc	32	31.70	0.7	
PYM	85.77	333 iPc	32	32.90	0.8	
LSF	85.83	334 iPc	32	32.90	0.6	
MFF	86.07	335 iPc	32	34.50	1.1	
	0.8s	81.60nm			5.8mb	
FRF	86.32	329 iPc	32	34.50	-0.2	
LRG	86.52	329 iPc	32	36.10	0.4	
	1.4s	263.20nm			6.1mb	
TUL	86.53	44 ePc	32	35.90	0.0	
	1.3s	55.10nm			5.5mb	
RJF	86.67	333 iPc	32	37.40	1.0	
	0.8s	64.40nm			5.8mb	
RLO	86.72	43 ePc	32	36.80	-0.1	
CAF	86.81	333 iPc	32	38.60	1.4	
LTX	87.04	53 eP	32	39.00	0.4	
	1.2s	18.84nm			5.1mb	
		i	32	58.50		
OTT	87.16	26 eP	32	39.00	0.3	
MNG	87.17	155 P	32	38.20	-0.4	
LFF	87.25	334 iPc	32	40.70	1.5	
LPO	87.33	333 iPc	32	41.00	1.4	
FVM	87.55	39 eP	32	41.00	0.2	
	1.1s	24.39nm			5.3mb	
MNT	87.72	24 iP	32	40.90	-0.6	
BHO	88.19	44 eP	32	43.80	-0.1	
JCT	88.46	50 iP	32	45.20	-0.1	
	1.3s	76.92nm			5.7mb	
Z	22s	1.48um			5.4Msz	
		e	33	16.00		
EPF	89.07	333 iPc	32	48.40	0.3	
	0.9s	20.30nm			5.4mb	
ARO	89.24	285 iP+	32	51.00	1.8	
MIM	89.29	21 iP	32	50.10	1.1	
LGR	90.53	335 iPd	32	56.50	1.7	
		ePP	36	32.00		
EBR	90.97	332 eP	32	58.00	1.2	
RSCP	91.74	37 eP	33	01.20	0.7	
NAV	92.35	33 P	33	03.00	-0.3	
TOL	93.35	335 iPc	33	08.50	0.6	
		i	33	27.00		
		ePP	36	52.00		
		eS	44	12.00		
		eSS	50	20.00		
PTO	93.57	338 eP	33	08.50	-0.3	
		eS	43	24.00		
NAI	102.24	279 iPdiff	33	50.00	1.3	
	1.0s	40.00nm			6.1mb	
SBA	120.02	174 e(PKP)	38	39.40	-2.7	
BUL	120.44	269 ePKP	38	45.00	0.3	
		i	40	12.00		
KIC	123.52	319 ePKP	38	30.50	-20.1X	
		e	38	49.90		
		e	40	31.80		
SLR	123.92	264 ePKP	38	55.00	3.7X	
	0.9s	10.08nm				
BPI	124.35	264 ePKP	38	48.00	-4.2X	
KSR	125.03	265 ePKP	38	53.80	0.3	
BFS	125.68	264 iPKPd	38	54.10	-0.6	
SWZ	126.92	264 ePKP	38	57.00	-0.1	
SNA	145.87	201 iPKPd	39	32.00	1.6	
CCH	145.93	54 PKPc	39	32 60	0.2	
BAO	152.82	22 e(PKP)	39	50.10	7.3X	
VAO	160.08	25 e(PKP)	40	04.00	12.3X	
		e	40	32.60		
	S.D. = 0.9	on 326 of 365 obs.				

APR 29, 1985 03h 47m 03.68± 1.01s
5.652 N ± 5.4km 125.862 E ±10.3km
DEPTH = 170.5 ± 9.6 km
4.9mb (9 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

CGP	3.02	337 iPd	47	52.50	-0.1	
KNA	21.46	172 eP	51	39.00	-0.5	
LOE	26.33	298 eP	52	26.00	0.3	
WB2	26.77	162 eP	52	28.70	-0.9	
CHTO	29.32	299 eP	52	52.60	0.1	
	0.7s	4.76nm			4.3mb	
BJI	35.33	347 eP	53	43.50	-0.8	
MRWA	35.94	195 eP	53	49.00	-0.5	
KLB	37.83	191 iPd	54	05.40	0.0	
MUN	38.53	193 iPc	54	10.90	-0.3	
NWAO	39.23	192 eP	54	17.00	0.0	
ADE	42.18	164 iPd	54	42.30	1.2	
PKI	44.17	304 eP	54	58.20	0.4	
	0.7s	20.00nm			4.8mb	
KKN	44.36	304 eP	54	59.70	0.6	
	0.6s	28.00nm			5.0mb	
DMN	44.43	304 eP	55	01.00	1.2	
	0.6s	27.00nm			5.0mb	
CAN	46.21	154 eP	55	13.90	0.6	
WAM	46.89	154 eP	55	19.20	0.6	
COL	83.36	25 eP	59	12.00	-0.5	
KJF	88.50	334 iP	59	37.10	-0.6	
	0.6s	11.70nm			5.0mb	
INK	88.71	21 eP	59	39.00	0.4	
SUF	89.46	333 iP	59	41.80	-0.4	
	0.4s	10.60nm			5.2mb	
NUR	90.61	331 iP	59	47.00	-0.5	
DAG	95.26	352 iPc	00	08.30	-0.4	
	0.4s	10.17nm			5.5mb	
HFS	95.93	332 eP	00	10.90	-1.1	
	0.6s	1 90nm			4.7mb	
NB2	96.69	334 P	00	14 60	-0.9	
	0.7s	3 70nm			4.9mb	
YKA	98.11	24 eP	00	23.20	1.4	
YKC	98.17	24 eP	00	23.00	0.9	
KIC	129.27	283 ePKP	05	54.70	0.4X	
	S.D. = 0.8	on 26 of 27 obs.				

? APR 29, 1985 04h 31m 25.35±14.36s
32.203 S ±18.3km 69.703 W ±113.km
DEPTH = 130.7 ± 79.0 km
MENDOZA PROVINCE, ARGENTINA (139)

MDZ	0.99	133 iP	31	48.60	0.0	
		iS	32	06.70		
RTCV	1.05	71 ePd	31	49.10	0.0	
		S	32	07.30		
RTCB	1.05	47 iPd	31	49.10	-0.1	
		S	32	06.40		
RTLL	1.36	51 iPc	31	52.50	0.1	
		S	32	13.40		
TCA	4.44	80 ePc	32	31.90	0.0	
		S	33	21.80		
	S.D. = 0.1	on 5 of 5 obs.				

• APR 29, 1985 05h 12m 46.68± 3.24s
15.629 N ±10.7km 60.442 W ±33.3km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

MGG	0.89	289 eP	13	06.08	3.3X	
		S	13	21.90		
MDN	0.97	252 eP	13	04.16	0.1	
CRM	0.98	208 eP	13	05.48	1.3	
		S	13	21.40		
FDF	1.12	218 iPd	13	05.67	-0.5	
		S	13	21.90		
MVM	1.15	202 iPd	13	06.81	0.2	
PAG	1.26	289 eP	13	08.06	0.0	
		S	13	25.00		
BIM	1.26	209 eP	13	07.00	-1.1	
		S	13	25.00		
SEG	1.28	307 eP	13	10.14	1.8	
		S	13	28.00		
MLG	1.29	290 eP	13	08.10	-0.5	
BPA	1.96	316 eP	13	17.00	-1.2	
		S	13	40.80		
	S.D. = 1.2	on 9 of 10 obs.				

? APR 29, 1985 05h 42m 00.57± 4.59s
32.945 S ±19.6km 71.848 W ±36.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

PEL	1.00	102 iPd	42	18.50	0.2	
TACH	1.04	133 iPc	42	18.30	-0.6	
		iS	42	30.80		
LNV	1.07	160 iPc	42	19.50	0.2	
		iS	42	31.70		
JACH	1.09	76 iPc	42	20.10	0.4	
SAN	1.12	117 iPd	42	20.10	0.1	
		iS	42	33.10		
FCH	1.36	107 iPc	42	24.00	0.2	
		iS	42	40.20		
MDZ	2.52	89 eP	42	44.20	4.0X	
		iS	43	17.10		
TCA	6.36	77 ePc	43	33.90	-0.6	
		S	44	47.80		
	S.D. = 0.5	on 7 of 8 obs.				

• APR 29, 1985 06h 04m 03.26± 0.74s
7.300 N ±16.2km 126.109 E ±23.0km
DEPTH = 33.0km (normal)
4.9mb (7 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

KNA	23.05	173 eP	09	06.00	-0.8	
LOE	25.81	295 eP	09	25.00	-8.4X	
PSI	27.46	262 eP	09	48.00	-0.5	
	0.7s	14.40nm			4.7mb	
WB2	28.26	163 iPc	09	55.80	0.1	
		ePcP	13	12.70		
		eS	13	55.20		
CHG	28.78	296 iPd	10	02.20	1.7X	
	0.7s	14.55nm			4.8mb	
ASPA	31.70	166 iPc	10	25.10	-1.2	
	0.5s	39.00nm			5.5mb	
STK	41.67	160 iPc	11	50.50	0.1	
PKI	43.47	303 iP	12	06.50	0.8	
	0.6s	14.00nm			4.9mb	
KKN	43.65	303 iP	12	08.10	1.1	

29d 06h

0.6s 28.00nm 5.2mb
ADE 43.69 165 iPc 12 05 00 -1.9
DMN 43.74 303 iP 12 08.70 1.0
0 7s 23.00nm 5.1mb
[illegible] 46.42 154 eP 12 30.70 2.0
CAN 47.57 154 iPd 12 39 40 1.6
WAM 48.26 155 iPd 12 44.30 1.1
POG 51.98 288 iPc 13 05.00 -6.9X
IRZ 73.77 305 (P) 15 32.00 -4.6X
KUF 87.13 334 eP 16 47.00 0.1
SUF 88.11 333 eP 16 50.00 -1.6
NUR 89.30 331 eP 16 58.00 0.7
NB2 95.33 334 P 17 23.00 -2.3
0.8s 1.30nm 4.4mb
S.D. = 1.4 on 16 of 20 obs.

? APR 29, 1985 06h 24m 26.52±15.35s
32.501 S ±36.7km 73.588 W ±120.km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV 2.33 129 iPd 25 03.50 0.2
TACH 2.50 118 iPc 25 05.50 -0.3
iS 25 24.40
PEL 2.53 105 iPc 25 06.10 -0.1
iS 25 25.10
JACH 2.53 95 iPd 25 06.60 0.3
iS 25 28.50
SAN 2 64 112 iP 25 07.50 -0.2
iS 25 27.40
FCH 2.89 107 iPc 25 11.90 0.3
iS 25 36.50
MDZ 4.01 97 eP 25 33 50 6.2X
iS 26 14.70
TCA 7.74 84 ePd 26 19 60 -0.1
S 27 40.50
S.D. = 0.3 on 7 of 8 obs.

& APR 29, 1985 07h 05m 30.99s
60 632 N 151.941 W
DEPTH = 79.6km
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

RDT 0.24 256 iP 05 42.68 -0 5
eS 05 52.13
NKA 0.36 72 eP 05 44.83 1.1
SPU 0.55 354 eP 05 44.83 -0.6
eS 05 56.07
ILM 0.63 224 iP 05 45.63 -0.5
iS 05 57.22
CRP 0.65 351 eP 05 46.08 -0.4
eS 05 58.08
CGLM 0.68 357 iP 05 46.27 -0.4
eS 05 57.63
SLKM 0.86 98 eP 05 47.60 -1.0
BPLK 1.02 148 eP 05 49.70 -0.8
iS 06 04.97
SUA 1 02 34 iP 05 50.22 -0.4
iS 06 04 97
MPA 1.28 95 eP 05 52.85 -1.0
eS 06 09.27
PMS 1.31 61 eP 05 53.47 -0.8
eS 06 11.02
SEW 1.35 112 eP 05 53.50 -1.1
SKT 1.37 8 eP 05 54.15 -0.8
PWA 1.43 43 eP 05 55 55 -0.2
eS 06 15 12
PTE 1.45 79 eP 05 54.72 -1.3
eS 06 12.25
GHO 1.86 51 eP 06 00.08 -1.5
KNK 1.87 64 eP 06 00.10 -1.6
MSE 1.88 49 eP 06 00.30 -1.6
SML 2 11 54 eP 06 03.17 -1.8
TOA 3.15 59 eP 06 17.77 -1.5
20 obs. associated

APR 29, 1985 07h 09m 25.76± 0.35s
55.566 S ± 9.0km 26 141 W ± 7 1km
DEPTH = 33.0km (normal)
5.1mb (6 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SNA 18.12 154 iPd 13 36.50 0.5
0.9s 139.50nm 5.1mb
VBA 29.69 291 ePc 15 28.90 -1.6
SPA 34.61 180 iPc 16 12.90 -0.6

1.1s 82.14nm 5.6mb
VAO 36.00 326 eP 16 27.00 1.5
TCA 36.24 296 ePc 16 26.60 -0.9
SLA 42.12 301 ePc 17 16.00 -0.4
BAO 43.25 328 e(P) 17 26.10 0.4
YJA 44.28 303 ePd 17 34.60 0.2
SWZ 46.43 74 iPc 17 51.00 -0.1
1.0s 30.00nm 5.2mb
KSR 48.33 75 iPc 18 06.30 0.2
0.9s 17.69nm 5.1mb
BPI 48.71 76 eP 18 05.00 -4.0X
EVA 49.03 77 eP 18 13.00 1.6
ARE 52.06 300 eP 18 35.00 0.2
BUL 53.86 72 iPc 18 47.50 -0.3
1.0s 17.50nm 5.0mb
KRI 57.12 71 eP 19 09.00 -2.5
MTD 58.22 72 eP 19 19.00 -0.1
TET 59.82 74 eP 19 24.00 -6.1X
eSn 19 53.00
eSg 20 09.00
KIC 64.21 24 eP 19 59.30 -0.1
BNG 70.16 48 iPd 20 36.50 -0.4
0.9s 6.90nm 4.7mb
BOG 71.73 309 eP 20 47.50 0.7
MSZ 79.43 190 P 21 30.20 0.5
ALQ 113.00 298 e(PKP) 28 00.00 -0.7
FRB 123.41 339 ePKP 28 19.00 -0.4
LRM 124.25 302 ePKP 28 23.00 1.0
EDM 129.86 309 ePKPc 28 32.20 -0.1X
PNT 130.15 301 ePKP 28 33.00 0.1
0.9s 10.00nm
YKC 136.15 318 ePKP 28 44.00 0.2
0.9s 13.00nm
YKA 136.21 318 ePKP 28 32.90 -11.0X
INK 145.79 321 ePKP 29 02.00 1.2
0.7s 32.00nm
TOA 149.32 307 ePKP 29 12.90 6.1X
PME 150.50 305 ePKP 29 15.00 6.6X
0.7s 10.00nm
COL 150.64 312 ePKP 29 14.00 5.5X
0.8s 14.18nm
i 29 22.50
FBA 150.64 312 ePKP 29 14.50 6.0X
0.9s 16.70nm
IMA 153.20 314 ePKP 29 21.30 8.9X
0.8s 6.80nm
SVW 153.49 303 ePKP 29 21.50 8.7X
BRW 153.93 326 ePKP 29 22.20 9.1X
TTA 153.96 307 e(PKP) 29 23.20 9.7X
S.D. = 0.9 on 25 of 37 obs.

APR 29, 1985 07h 43m 23.41± 0.57s
34.162 N ± 7.9km 135.091 E ± 5.7km
DEPTH = 12.2 ± 4.3 km
4.4mb (1 obs.)
NEAR S. COAST OF SOUTHERN HONSHU(233)
Felt (III JMA) at Wakayama.

WKY 0.09 44 iPc 43 25.60 -0.7
iS 43 27 00
TKS 0.44 257 iPd 43 32.30 -0.1
iS 43 40.00
OSA 0.63 35 eP 43 36.00 0.3
S 43 44 70
OSK 0.65 46 P 43 35.50 -0.7
S 43 44.70
TKM 0.87 281 eP 43 40.00 0.1
e 43 54.90
SHJ 0.91 142 P 43 41.70 1.2
iS 43 51.90
TSU 1.30 65 eP 43 47.00 -0.2
eS 44 06.00
TYK 1.39 351 eP 43 51.00 2.6X
eS 44 08.00
KOC 1.43 245 eP 43 51.00 1.9
S 44 09.70
MAT 3.48 46 iPc 44 18.70 0.2
eS 45 05.00
OYM 3.64 69 eP 44 16.40 -4.4X
SRY 3.73 66 eP 44 22.30 0.3
DDR 3.83 60 eP 44 24 90 1.4
S 45 12.90
TSK 4.59 62 eP 44 34 70 0.5
WB2 53 81 181 eP 52 46 20 -1.9
WRA 53 81 181 Pc 52 46 30 -1.8
0.8s 3.70nm 4.4mb
INK 59.25 26 eP 53 26.00 -0.5

S.D. = 1.2 on 15 of 17 obs.

? APR 29, 1985 08h 41m 39.07±10.35s
31.547 S ±43.4km 69.224 W ±78.9km
DEPTH = 128.7 ± 59.4 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 0.37 81 iPd 41 57.50 -0.2
S 42 10.00
RTCV 0.66 118 iPd 41 59.30 -0.1
S 42 13.00
RTLL 0.68 72 iPd 41 59.70 0.2
S 42 14.30
MDZ 1.37 167 eP 42 06.10 0.1
TCA 3.97 88 ePd 42 39.20 0.0
S 43 23.20
S.D. = 0.3 on 5 of 5 obs.

APR 29, 1985 09h 59m 23.55± 0 79s
40.342 N ± 9.8km 20.642 E ± 4.9km
DEPTH = 10.0km (geophysicist)
3.8mb (3 obs.)
GREECE-ALBANIA BORDER REGION (392)
ML 3.7 (TTG).

OHR 0.78 9 iPg 59 38.20 -0.5
iSg 59 52.70
LIT 1.44 99 ePn 59 49.30 -0.3
eSn 00 13.30
GRG 1.47 65 ePn 59 50.90 0.7
SKO 1.74 20 iPn 59 56.00 2.1
iS 59 58.00
iSn 00 20.00
VAY 1.76 56 iPn 59 55.00 0.8
iSn 00 21.00
THE 1.80 80 ePn 59 53.30 -1.5
eSn 00 22.90
KNT 1.90 64 ePnc 59 57.50 1.2
ULC 1.93 327 ePn 00 05 00 8.2X
LCI 2.05 271 e(Pn) 59 57.50 -1.0
eSn 00 30.50
PVY 2.31 348 ePn 00 08.50 6.2X
eSn 00 42.50
TTG 2.33 334 ePn 00 06.00 3.5X
iSn 00 40.40
PAIG 2.37 99 ePnd 00 02.50 -0.5
BDV 2.37 325 ePn 00 08.50 5.4X
eSn 00 42.50
SRS 2.37 70 ePnd 00 03.10 0.0
OUR 2.55 89 ePn 00 06.10 0.5
BRT 2.67 283 e(Pn) 00 14.00 6.6X
eSn 00 56.00
BRY 3.00 329 ePn 00 19.50 7.4X
eSn 01 01.50
ORI 3.22 266 e(Pn) 00 32.00 16.8X
SGO 4.08 275 ePn 00 28.50 1.3
DUI 4.86 288 ePn 00 40.50 2.1
CLO 4.99 18 eP 00 40.00 -0.2
MNS 6.33 291 e(Pn) 00 47.00 -12.1X
CEY 7.06 322 ePn 01 10.50 1.1
eSn 02 28.20
VRI 7.09 37 eP 01 15.00 5.1X
LJU 7.24 324 e(Pn) 01 13.30 1.4
e(Sn) 02 35.00
TRI 7.36 319 e(Pn) 01 07.40 -6.1X
e(Sn) 02 31.60
VOY 7.52 321 ePn 01 15.30 -0.7
eSn 02 40.00
KBA 8.56 324 e(P) 01 30.00 -0.5
1.0s 8.50nm 5.0mb X
i 01 32.70
i 01 44.50
i 03 07.80
CTI 8.69 314 ePn 01 30.50 -1.9
e(Sn) 03 05.50
KHC 10.12 333 Pd 01 55.10 3.2X
e 02 11.50
PP 22 45.50
HFS 20.28 350 eP 03 59.60 -2.2
0.7s 3.10nm 3.8mb
NB2 21.52 347 P 04 12.60 -2.0
0.6s 2.00nm 3.7mb
SUF 22.65 7 eP 04 26.00 0.2
0.7s 5.80nm 4.2mb
S.D. = 1.3 on 22 of 33 obs.

? APR 29, 1985 09h 59m 37.47±14.12s

29d 09h

33.652 S ±19.5km 72.181 W ±118.1km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.71	115	iPd	59	49.70	-1.3
			iS	59	59.70	
TACH	1.04	90	iPc	59	54.60	-1.2
			iS	00	08.00	
PEL	1.35	68	iPd	00	00.60	0.4
FCH	1.61	79	iPc	00	04.50	0.2
JACH	1.65	54	iPd	00	04.40	-0.2
			iS	00	27.80	
MDZ	2.89	76	iP	00	28.10	5.8X
			iS	01	07.90	
RFA	3.27	111	ePc	00	29.70	2.0
TCA	6.81	72	ePc	01	14.80	-3.0X
			S	02	40.50	

S.D. = 1.5 on 6 of 8 obs.

APR 29, 1985 10h 17m 10.02± 0.69s
13.398 N ± 2.7km 145.540 E ± 3.4km
DEPTH = 61.5 ± 6.2 km
5.5mb (53 obs.)
MARIANA ISLANDS (216)
Felt (III) on Guam.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 20C
Centroid Location:
Origin Time 10:17:10.1 0.3
Lat 13.39N 0.04 Lon 145.48E 0.06
Dep 24.4 6.9 Half-duration 2.2
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.05 0.07 Mtt= 0.20 0.10
Mff=-0.26 0.10 Mrt= 0.33 0.27
Mrf=-0.26 0.28 Mtf= 2.48 0.08
Principal Axes:

	Val=	Plg=	Azm=
T	2.47	2	318
N	0.12	81	58
P	-2.58	9	228

Best Double Couple:Mo=2.5*10**24
NP1:Strike= 3 Dip=82 Slip=-175
NP2: 272 85 -8

GUA	0.63	283	iPc+	17	24.30	0.7
GUMO	0.68	286	iPc	17	25.10	0.9
			eS	17	37.10	
PJG	0.68	286	iPc	17	25.10	0.9
JAY	16.52	197	ePc	20	59.50	0.2
	1.0s	135.70nm			5.1mb	
KVG	16.70	161	eP	21	00.00	-1.5
MDG	18 53	179	eP	21	25.00	1.0
DAV	20.61	254	eP	21	46.00	-0.7
			eS	25	42.00	
BGA	21 65	153	iPd	21	56.00	-1.3
PAA	21.92	153	eP	21	57.00	-3.0
KYS	22.24	348	eP	22	02.40	-0.5
LMG	22.31	173	e(P)	22	00.00	-3.9X
OYM	22.65	347	eP	22	05.40	-1.5
PMG	22.71	176	eP	22	08.00	0.4
	1.0s	80.00nm			5.1mb	
SRY	22.82	347	iP	22	06.70	-1.9
DDR	23.22	347	eP	22	11.10	-1.4
TSK	23.23	349	eP	22	06.70	-5.9X
QCP	23.76	276	eP	22	16.00	-1.8
MAT	23.97	345	iPd	22	18.50	-1.2
	1 1s	37.97nm			4.8mb	
Z	20s	10.11um			5.3Msz	
			eS	26	31.00	
SHK	24.05	333	iPc	22	20.20	-0.3
BAG	24.30	280	eP	22	23.00	-0.3
	1 1s	316.46nm			5.7mb	
ANP	25.48	301	eP	22	33.00	-1.3
SVO	26.51	147	eP	22	41.00	-2.7
VSG	26.54	147	eP	22	44.00	0.0
			eS	23	15.00	
HNR	26.81	147	eP	22	41.00	-5.5X
			eS	27	42.00	
OZH	27.86	298	eP	22	58.50	2.5
SSE	28.50	312	Pd	23	01.00	-0.6
	1.5s	56.00nm			5.0mb	
Z	20s	2.00um			4.7Msz	
E	20s	2.00um				
			PP	23	52.00	
			S	27	44.00	
			sS	28	00.00	
			SS	29	44.00	

MTN	29.73	209	iPd	23	12.50	-0.3
NJZ	30.69	312	Pc	23	20.00	-1.2
HKC	31.09	291	eP	23	26.00	1.2
			e(S)	30	23.00	
MKS	31.82	236	i(P)	23	31.00	-0.2
GZH	32.00	292	eP	23	33.00	0.3
DL2	33.06	325	eP	23	41.40	-0.3
CTA	33.28	179	iPc	23	43.00	-0.9
	1.6s	58.33nm			5.2mb	
			iS	29	10.00	
KNA	33.38	210	iPd	23	45.50	0.8
WHN	33.42	306	Pc	23	45.50	0.5
			eS	29	00.00	
MDJ	33.96	339	Pc	23	48.00	-1.5
			eS	29	03.00	
TIA	34.15	317	eP	23	50.40	-0.9
			ePcP	26	27.70	
			eS	29	12.00	
			eScP	30	09.40	
SNY	34.16	330	Pd	23	50.40	-0.8
ISQ	34.41	190	iPc	23	53.30	-0.3
QIZ	34.69	284	eP	23	57.30	1.2
CN2	34.86	334	Pc	23	56.00	-1.3
			S	29	23.00	
WB2	34.91	199	iPd	23	57.40	-0.5
			ePcP	26	24.50	
			eS	29	30.00	
WRA	34.92	199	Pc	23	58.00	0.0
	0.6s	35.90nm			5.5mb	
BJI	37.00	321	eP	24	15.00	-0.3
N	17s	0.90um				
			eS	29	53.00	
TIY	38.12	315	Pc	24	25.00	0.1
			PP	25	56.50	
			S	30	17.00	
			ScS	34	35.50	
ASPA	38.56	197	iPd	24	28.70	0.1
	0.6s	59.00nm			5.7mb	
			eS	30	24.00	
GYA	38.63	296	Pc	24	30.00	0.6
			PPP	26	28.00	
			PcP	26	42.60	
			S	30	26.00	
TRT	38.82	239	iPd	24	32.70	1.8
	0.7s	96.70nm			5.8mb	
XAN	39.02	308	iPc	24	32.40	-0.1
			eS	30	27.00	
			ScS	34	39.00	
RMO	39.77	175	eP	24	38.00	-0.6
HHC	40.34	319	Pc	24	43.20	-0.1
			S	30	48.00	
NOU	40.98	150	iPc	24	36.00	-12.6X
BTO	41.21	318	P	24	50.60	0.2
KMI	41.89	293	Pc+	24	57.00	0.6
CD2	42.15	301	iPc	24	58.60	0.3
			S	31	13.80	
LOE	42.36	281	eP	25	01.00	1.0
			e	26	55.00	
MBL	42.63	217	iPd	25	03.00	0.9
LZH	43.65	309	Pc	25	12.00	1.5
	1.5s	298.00nm			5.8mb	
E	15s	1.10um				
			eS	31	38.00	
NST	43.95	279	eP	25	15.40	2.4
COO	44.15	172	eP	25	14.00	-0.4
SNG	44.58	267	eP	25	19.00	0.9
BDT	44.97	281	iPd	25	21.00	-0.1
	1.0s	41.40nm			5.2mb	
CHG	44.99	283	eP	25	21.50	0.1
STK	45.18	185	iPc	25	22.10	-0.4
SMY	45.37	24	e(P)	25	26.20	2.4
NAU	46.29	220	iPd	25	32.80	1.4
	0.5s	67.00nm			5.8mb	
PPI	46.80	257	eP	25	35.70	0.0
	0.6s	32.10nm			5.4mb	
PSI	47.28	261	iPc	25	39.60	0.1
	1.0s	82.80nm			5.6mb	
			e(S)	31	05.00	
YOU	47.49	177	eP	25	40.90	0.1
MEK	47.65	213	eP	25	42.00	-0.2
GTA	47.79	312	iPc	25	43.80	0.5
			PcP	27	13.50	
			ScP	31	03.50	
			S	32	37.00	
			ScS	35	34.00	
ADE	48.53	187	iPc	25	49.00	0.1
	0.9s	28.57nm			5.3mb	

CAN	48.56	176	eP	25	49.30	0.2
ADK	48.89	30	eP	25	51.20	-0.2
WAM	49.42	176	eP	25	56.10	0.4
BFD	50.38	183	eP	26	03.00	0.0
TOO	50.70	180	eP	26	06.00	0.6
MRWA	51.08	214	iPd	26	08.70	0.3
	0.5s	36.00nm			5.7mb	
BAL	51.80	212	eP	26	14.00	0.1
KLB	52.07	210	iPd	26	15.80	-0.1
	0.6s	43.00nm			5.7mb	
LSA	52.66	297	P	25	22.00	1.0
			S	33	45.00	
MUN	53.16	211	iPd	26	23.80	-0.1
NWAO	53.42	210	iPc	26	25.50	-0.3
RKG	54.46	209	eP	26	37.00	3.5X
TAU	56.05	178	eP	26	47.00	2.2
PKI	57.57	294	eP	26	55.50	-0.9
	1.2s	83.00nm			5.7mb	
KKN	57.69	294	eP	26	56.40	-0.7
	1.0s	64.00nm			5.7mb	
WMO	57.74	314	iPc	26	56.50	-0.6
			S	34	53.50	
			ScS	36	41.00	
			SS	38	40.20	
DMN	57.84	294	eP	26	57.60	-0.6
	0.8s	58.00nm			5.8mb	
SDN	58.93	33	eP	27	03.70	-1.3
TCW	60.48	155	P	27	14.50	-1.3
			pP	27	20.00	18kmX
MNG	60.49	154	P	27	13.70	-2.2
MSZ	61.26	162	P	27	19.90	-1.1
SVW	63.52	28	ePd	27	35.70	-0.3
KDC	63.92	32	eP	27	38.90	0.4
TTA	64.04	26	ePd	27	38.60	-0.8
HYB	64.42	283	eP	27	42.00	-0.5
	1.0s	70.00nm			5.6mb	
GBA	66.00	279	Pd	27	50.60	-2.1
	1.1s	47.40nm			5.4mb	
IMA	66.17	23	ePd	27	52.50	-0.6
	0.8s	19.70nm			5.1mb	
KOD	66.53	275	eP	27	57.00	0.6
PME	66.70	28	eP	27	54.80	-1.5
Z	20s	0.50um			4.7Msz	
PME	66.70	28	ePd	27	55.10	-1.2
	0.7s	47.10nm			5.6mb	
BRW	67.32	17	ePd	27	59.90	-0.2
COL	68.12	25	eP	28	03.00	-2.3
	0.9s	38.24nm			5.4mb	
Z	20s	1.06um			5.1Msz	
FBA	68.12	25	ePd	28	03.60	-1.7
	1.0s	31.30nm			5.2mb	
TOA	68.13	28	eP	28	05.30	-0.1
POO	68.73	285	iPd	28	11.00	1.1
PNL	70.99	31	e(P)	28	22.70	-0.2
PMO	71.65	111	eP	28	34.00	6.5X
	1.3s	150.00nm			5.8mb	
QUE	73.63	298	eP	28	39.00	-0.3
INK	74.30	22	ePd	28	41.40	-0.6
	0.9s	56.00nm			5.5mb	
PHC	77.89	40	ePc	29	03.60	0.9
MBC	78.30	14	eP	29	04.00	-0.5
	0.7s	32.00nm			5.4mb	
MHI	79.05	305	iPc	29	10.40	0.9
			eS	39	12.00	
KHI	80.08	303	ePc	29	15.70	0.5
PGC	80.74	42	eP	29	19.00	0.9
COR	81.54	46	iPc	29	23.00	0.6
FHC	81.74	50	eP	29	24.30	0.7
YKA	82.73	27	eP	29	28.60	0.4
YKC	82.79	27	ePd	29	28.80	0.3
	0.7s	22.00nm			5.3mb	
WDC	82.86	50	iPd	29	30.20	0.9
PNT	83.09	41	iPd	29	30.60	0.2
	1.0s	63.00nm			5.6mb	
ALE	83.39	4	ePc	29	31.40	0.0
	0.8s	22.00nm			5.2mb	
PCC	83.60	53	eP	29	33.70	0.5
MIN	83.60	50	eP	29	33.40	0.0
BRK	83.62	53	eP	29	34.10	0.9
BKS	83.63	53	eP	29	34.60	1.2
	1.0s	104.00nm			5.8mb	
ORV	83.85	51	iPd	29	34.90	0.5
GCC	84.00	54	eP	29	36.10	0.9
MHC	84.21	53	eP	29	37.50	1.1
ARN	84.29	53	P	29	37.20	0.5
SAO	84.48	54	eP	29	38.40	0.7
PRS	84.64	54	eP	29	39.40	0.9

29d 10h

NEW	84.94	42	P	29	40.40	0.6	GWF	107.62	332	ePKP	35	51.20	19.5X	TLB		6.31	348	iPd	40	13.00	-1.4
	1.1s	56	41nm		5.6mb		MTD	116.40	258	ePKP	35	52.00	2.6X	VAY		6.34	299	iPn	40	15.00	0.2
JAS1	85.03	52	iPd	29	41.10	0.7	KRI	118.28	258	ePKP	35	56.00	3.0X	CGN		6.44	334	ePc	40	15.00	-1.3
PR.	85.24	54	eP	29	42.90	1.3	BUL	119.53	254	ePKP	35	56.50	1.2	BUC1		6.59	335	ePd	41	00.00	41.6X
*FW	85.69	41	iPd	29	44.40	0.8		1.0s		12.50nm				CFR		6.88	350	ePd	40	20.00	-2.3
FP	85.79	53	eP	29	44.30	0.1	BNG	124.48	285	iPKPd	36	02.50	-2.4	HRI		6.99	136	eP	40	24.50	0.4
EDM	85.92	36	iPd	29	45.00	0.5		1.2s		31.70nm				ISR		7.16	341	ePc	40	28.00	1.6
	1.0s	82	.00nm		5.8mb		PSO	135.10	74	ePKP	36	25.00	-0.7	SKO		7.38	301	iP	40	30.00	0.5
LMD	85.95	41	iP	29	46.00	1.1	BOG	136.80	68	ePKP	36	24.50	-4.3X		Z	10s		1.45um			
IR2	86.01	306	eP	29	46.00	0.5	MDZ	143.14	128	ePKP	36	44.50	5.2X	BRD		7.40	344	ePd	40	04.00	-25.6X
LDM	86.05	41	iPc	29	46.70	1.4	ARE	144.12	100	ePKP	36	40.00	-1.7	OHR		7.51	294	eP	40	32.40	1.1
SHI	86.06	299	eP	29	46.00	0.1	KIC	144.55	302	iPKP	36	41.90	-0.3	MLR		7.65	339	ePd	40	33.00	-0.3
RXF	86.06	41	iPc	29	46.60	1.2	VBA	145.35	140	ePKPd	36	42.20	-0.7	CMP		7.74	334	ePc	40	09.00	-25.5X
SYP	86.15	56	eP	29	47.00	0.8	TCA	147.07	128	ePKPc	36	47.00	1.0	VRI		7.80	343	ePc	40	34.00	-1.3
CLX	86.24	41	iPc	29	47.40	1.0	SLA	148.65	116	ePKP	36	52.80	4.0X	JER		7.93	145	eP	40	35.00	-2.2
MNA	86.64	51	eP	29	49.50	0.9	CCH	149.22	101	PKP	36	54.30	4.3X					eS	42	08.00	
BMN	86.84	49	iP	29	51.00	1.5	YJA	149.23	111	ePKPc	36	52.00	1.9	COZ		8.04	331	ePd	40	40.00	1.2
	1.2s	36	.69nm		5.4mb		BAO	166.71	101	e(PKP)37		12.10	1.7	CLI		8.35	347	ePc	40	00.00	-42.9X
KEV	86.90	342	iP	29	49.00	0.0		S.D. = 1.0		on 189 of 204 obs.				HLW		8.63	172	ePn	40	44.00	-2.9
	0.7s	64	.10nm		5.9mb													eSn	43	18.00	
			eS	40	08.00		? APR 29, 1985 11h 13m 54.37± 4.10s							PRNI		9.09	151	eP	40	51.60	-1.7
CWC	87.20	53	eP	29	51.00	-0.3		33.375 S ±10.8km				72.012 W ±36.7km		SGO		11.48	285	e(Pn)	41	31.00	5.0X
PAS	87.69	56	eP	29	54.00	0.5		DEPTH = 33.0km (normal)						VOY		14.07	308	e(P)	42	06.00	5.4X
CLC	87.73	54	eP	29	54.00	0.3		OFF COAST OF CENTRAL CHILE				(134)		KBA		14.90	311	iPc	42	17.90	6.3X
MWC	87.77	55	eP	29	54.00	-0.1										0.9s		5.90nm			4.0mb
SBB	87.83	55	eP	29	55.00	0.7	LNV	0.77	139	iPd	14	07.80	-0.9					i	42	21.10	
EUR	88.02	50	iP	29	55.80	0.5				iS	14	23.10		CTI		15.50	305	ePn	42	22.50	3.3X
	0.8s	23	.30nm		5.4mb		TACH	0.94	107	iPd	14	11.40	0.2	KHC		15.89	318	eP	42	25.10	0.9
SES	88.14	39	iPd	29	55.40	0.0				iS	14	30.20				1.2s		19 00nm			4.1mb
	0.9s	64	.00nm		5.8mb		SAN	1.13	94	iPc	14	14.50	0.5	PRU		15 93	321	eP	42	29.00	4.3X
SOD	88.27	340	iP	29	54.80	-0.8				iS	14	35.00		IR2		16.98	93	(P)	42	42.00	3.7X
RVR	88.37	56	eP	29	56.00	-0.8	JACH	1.38	60	iPd	14	16.60	-1.0	CLL		17.53	323	eP	42	49.00	4.1X
GSC	88.49	54	eP	29	58.00	0.6	FCH	1.44	89	iPc	14	19.60	0.9			1.6s		30.00nm			4.2mb
LRM	88.68	43	ePd	29	58.80	0.4	MDZ	2.70	80	iP	14	42.20	5.8X	MOX		17.81	319	e(P)	42	52.00	3.7X
			e	30	07.00					iS	15	28.00		ECH		19.16	308	eP	43	08.00	3.0X
SLBC	88.71	57	eP	29	59.10	0.7	RFA	3.26	116	e(P)	14	45.50	1.1	CDF		19.16	309	eP	43	04.50	-0.6
PLM	88.95	56	eP	30	00.00	0.2	RTCV	3.30	64	eP	14	54.00	9.0X			0.9s		19.60nm			4.4mb
BAR	89.28	57	eP	30	01.00	-0.2				S	15	48.20		BSF		19.25	307	eP	43	05.20	-0.9
TPC	89.40	55	eP	30	02.00	0.3	RTCB	3.31	56	eP	14	46.00	0.9			1.0s		14.80nm			4.2mb
DAG	89.53	356	iPd	30	00.00	-1.4				S	15	40.00		HAU		19.59	307	eP	43	09.10	-1.0
	0.8s	26	.87nm		5.6mb		RTLL	3.63	57	ePd	14	50.00	0.4			0.8s		13.40nm			4.3mb
KJF	89.53	337	iP	30	00.70	-0.9	TCA	6.60	74	ePd	15	29.00	-2.7	WLF		20.35	311	Pc	43	24.50	6.6X
	1.0s	48	.00nm		5.7mb		CYA	7.26	49	e(P)	15	34.00	-6.9X	LBF		20.81	303	iPc	43	22.00	-0.8
			e	40	26.00		SLA	10.33	35	e(P)	16	24.00	0.5			0.9s		16.60nm			4.4mb
DUG	90.14	49	P	30	05.60	0.4		S.D = 1.3		on 10 of 13 obs.				SMF		20.82	302	iPc	43	22.20	-0.7
	1.3s	79	.28nm		5.9mb											0.9s		27.80nm			4.6mb
GLA	90.68	56	eP	30	08.00	0.4	? APR 29, 1985 11h 15m 23.90± 9.94s							MEM		20.84	313	P	43	27.50	4.5X
SUF	90.90	336	iP	30	06.70	-1.3		33.447 S ±17.6km				72.285 W ±82.1km		ENN		20.96	314	e(P)	43	24.00	-0.2
	1.0s	81	.80nm		6.1mb			DEPTH = 33.0km (normal)								1.1s		16.00nm			4.3mb
FFC	91.62	32	iPd	30	11.70	0.2		OFF COAST OF CENTRAL CHILE				(134)						e	43	36.00	
	1.0s	23	.00nm		5.5mb									LOR		20.96	303	iPc	43	23.70	-0.7
BDW	91.62	45	P	30	12.20	0.1	LNV	0.89	125	iPc	15	40.00	0.0			1.0s		20.00nm			4.5mb
	1.0s	8	.50nm		5.1mb					iS	15	53.40		SSF		21.14	303	iPc	43	25.40	-0.8
SBA	91.88	176	eP	30	11.20	-0.9	TACH	1.14	101	iPd	15	43.50	-0.2			0.9s		20.30nm			4.5mb
RMU	92.48	51	iP	30	18.00	2.0	SAN	1.36	91	iP	15	47.00	0.3	AVF		21.18	302	iPc	43	26.10	-0.4
NUR	92.70	335	iP	30	15.00	-1.3				iS	16	06.50				0.8s		30.70nm			4.8mb
	0.7s	20	.00nm		5.7mb		JACH	1.61	62	iP	15	50.50	0.0	DOU		21.44	311	P	43	31.60	2.4
	Z 22s	0	.90um		5.2Msz		FCH	1.67	86	iPd	15	51.50	-0.1	BGF		21.47	301	iPc	43	29.30	-0.2
			eS	40	44.00			S.D. = 0.2		on 5 of 5 obs.						0.9s		15.70nm			4.4mb
			LR	14	30.00									GRC		21.49	303	iPc	43	31.20	1.6
GOL	95.68	47	eP	30	31.00	0.1		APR 29, 1985 11h 38m 39.82± 0.52s						MZF		21.57	300	iPc	43	30.80	0.2
	1.0s	4	.00nm		4.9mb			38.427 N ± 3.8km				29.905 E ± 4.2km				1.0s		22.20nm			4.5mb
	Z 20s	0	.60um		5.1Msz			DEPTH = 16.2 ± 4.4 km						CAF		21.72	296	eP	43	33.40	1.3
GLD	95.77	47	eP	30	32.80	1.7		4.5mb (31 obs.)								1.0s		12.00nm			4.3mb
	1.0s	20	.00nm		5.6mb			TURKEY				(366)		TCF		21.84	300	eP	43	33.80	0.5
	Z 20s	0	.80um		5.2Msz											0.9s		8.10nm			4.1mb
ALQ	96.65	52	eP	30	35.00	-0.2	ALT	0.65	14	iPn	38	52.70	0.3	RJF		22.16	297	eP	43	38.40	2.0
	1.3s	14	.42nm		5.3mb		BCK	1.11	151	iPn	39	01.90	1.7			1.0s		12.00nm			4.3mb
	Z 18s	0	.52um		5.1Msz		DST	1.54	320	iPn	39	06.90	0.2	LPO		22.31	295	eP	43	39.30	1.4
HFS	97.21	338	eP	30	35.40	-1.6	YER	1.82	225	iPn	39	11.80	1.0			1.2s		17.80nm			4.4mb
	0.7s	9	.20nm		5.4mb		GPA	1.89	9	iPn	39	11.90	0.2	NUR		22.35	353	eP	43	39.00	0.9
NB2	97.46	339	P	30	36.80	-1.4	IZM	2.08	270	iPn	39	14.10	-0.4			1.0s		40.00nm			4.8mb
	0.9s	17	.00nm		5.6mb		YLV	2.18	349	iPn	39	16.20	0.3	MFF		23.50	300	eP	43	50.10	0.6
RSON	97.89	33	eP	30	38.80	-1.4	ISK	2.71	346	ePn	39	23.70	0.2			0.8s		14.50nm			4.6mb
	1.0s	9	.00nm		5.3mb		PRK	2.95	287	ePn	39	27.00	0.2	HFS		24.03	340	eP	43	54.40	-0.1
HRI	98.65	307	eP	30	44.50	0.4	EZN	3.11	298	iPn	39	28.70	-0.4			1.1s		37.50nm			4.9mb
FRB	98.76	15	eP	30	43.00	-0.9	CSS	4.42	140	eP	39	49.00	1.3		Z	14s		0.36um			4.0MszX
JER	99.64	306	eP	30	47.00	-1.6	NPS	4.67	229	ePn	39	52.50	1.2					LR	54	18.00	
PRNI	100.34	305	ePdiff	30	52.00	0.2	ATH	4.90	267	ePb	39	57.20	2.8X	FLN		24.16	305	eP	43	55.00	-0.9
LTX	100.92	56	ePdiff	30	56.00	1.5				eSn	40	35.00		GRR		24.32	304	eP	43	55.90	-1.5
	1.1s	2	.59nm		4.8mb		OUR	4.97	294	ePnc	39	54.80	-0.7			1.2s		25.10nm			4.7mb
	Z 22s	0	.56um		5.0Msz		PAIG	5.06	289	ePnd	39	56.60	-0.2	SUF		24.43	356	iP	43	58.40	0.0
CLL	103.52	332	e(Pdiff	31	05.00	-0.3	SRS	5.56	301	ePn	40	02.70	-1.1			0.7s		10.00nm			4.5mb
			e	35	21.00		SOH	5.59	297	ePnd	40	03.50	-0.9	NB2		25.47	339	P	44	07.60	-0.8
EKA	106.63	342	PKP	35	43.00	13.5X	LIT	5.99	289	ePn	40	10.30	0.4			0.8s		11.30nm			4.6mb
	0.9s	11	.40nm				KNT	6.05	299	ePn	40	10.30	-0.4	KJF		25.84	358	eP	44	11.00	-0.7
MEM	107.11	334	PKPc	35	47.20	16.7X	GRG	6.31	296	ePnd	40	14.50	0.0			0.8s		26.40nm			5.0mb

```
SOD     29 05 357 iP     44 43.30   2.4
BNG     35 38 200 iPd    45 37.20   0.4
        1.0s     15.80nm          4.9mb
KIC     44 74 233 eP     46 53.70  -0.5
DMN     46.91  86 eP     47 11.40  -0.3
        0.8s     23.00nm          5.3mb
KKN     46.97  86 eP     47 14.14   2.1
        0.7s      9.00nm          4.9mb
PKI     47.17  86 eP     47 13.50  -0.3
        0.9s     11.00nm          4.9mb
FRB     59.80 329 eP     48 48.00   1.9
INK     72.87 354 eP     50 12.00   2.8X
YKA     75.45 344 eP     50 27.00   2.8X
COL     76.99 359 eP     50 33.00   0.2
        0.8s      5.60nm          4.7mb
FFC     78.46 334 eP     50 40.00  -1.1
        0.8s      6.00nm          4.7mb
      S.D. = 1.2  on  68 of  86 obs.

*  APR  29, 1985  12h 13m 51.62± 0.99s
   40.623 N ± 8.9km   23.436 E ± 8.7km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)

SOH      0.21 343 iPgc   13 56.60   0.4
                  eSg    13 59.70
OUR      0.51 125 ePgc   14 01.90   0.0
                  eSg    14 09.50
SRS      0.51  13 ePgd   14 01.80  -0.1
KNT      0.68 323 ePgc   14 04.60  -0.4
                  eSg    14 14.50
GRG      0.85 293 ePgc   14 08.20   0.1
                  eSg    14 20.90
      S.D. = 0.4  on   5 of   5 obs.

?  APR  29, 1985  14h 38m 16.63± 8.94s
   32.810 S ±28.4km   72.432 W ±70.9km
   DEPTH =  33.0km  (normal)
 OFF COAST OF CENTRAL CHILE          (134)

LNV      1.43 143 iPd    38 40.20  -0.2
                  iS     38 55.00
TACH     1.51 124 iP     38 42.20   0.5
JACH     1.56  86 iP     38 42.20  -0.2
SAN      1.62 114 iPc    38 43.20  -0.1
                  iS     39 00.30
FCH      1.87 107 iPc    38 46.90  -0.3
                  iS     39 07.70
MDZ      3.02  92 eP     39 07.20   3.9X
                  eS     39 46.20
TCA      6.82  80 ePd    39 57.20   0.2
                  S      41 15.00
      S.D. = 0.4  on   6 of   7 obs.

*  APR  29, 1985  15h 05m 33.75± 0.47s
   5.501 N ± 7.6km  123.725 E ±12.9km
   DEPTH =  33.0km  (normal)
   4.9mb (  3 obs )
 MINDANAO, PHILIPPINE ISLANDS        (259)

CGP      3.09  18 iPc    06 21.50   0.2
                  iS     06 50.00
JAY     18.74 115 ePd    09 52.50   0.2
ANA     21.70 167 eP     10 23.00  -0.9
MOM     24.81 107 eP     10 35.00 -19.4X
WB2     27.36 158 iPc    11 16.10  -2.0
BJI     35.05 350 eP     12 26.00   0.4
MRWA    35 31 192 eP     12 28.00   0.1
SHL     36.42 307 eP     12 38.60   1.0
PLB     37.32 188 eP     12 45.00   0.2
ADE     42.66 162 iPc    13 29.40   0.4
YOU     45.91 151 eP     13 55.90   0.7
CAN     47.05 152 iPd    14 05.20   1.0
WAM     47.71 152 iPd    14 10.60   1.2
IR2     72.87 305 eP     17 03.00   1.2
KJF     87.71 334 iP     18 19.10  -1.1
        0.7s     12.00nm          5.3mb
SUF     88.62 333 iP     18 23.90  -0.7
        0.4s      2.70nm          4.9mb
NUR     89.71 331 eP     18 41.00  11.3X
NB2     95.87 333 P      18 56.40  -1.8
        0.7s      1 40nm          4.5mb
      S.D. = 1.1  on  16 of  18 obs.

   APR  29, 1985  16h 13m 33.39± 0.24s
   35.307 N ± 5.3km   36.011 W ± 2.4km
   DEPTH =  10.0km  (geophysicist)

   5.0mb ( 55 obs )  4.7Msz ( 14 obs.)
 NORTH ATLANTIC RIDGE                (403)
      CENTROID, MOMENT TENSOR        (HRV)
      Data Used  GDSN
      L.P.B.  10S, 18C
      Centroid Location.
      Origin Time        16:13:39.8 0.6
      Lat 35.51N 0.07 Lon  36.26W 0.10
      Dep  10.0 FIX Half-duration  1.5
      Moment Tensor; Scale 10**23 D-CM
        Mrr=-1.10 0.35  Mtt= 3.13 0.42
        Mff=-2.02 0.42  Mrt=-1.60 1.65
        Mrf= 3.02 1.28  Mtf= 7.26 0.50
       Principal Axes:
        T  Val=  8.27  Plg= 3  Azm=324
        N         0.40       66      228
        P        -8.67       24       55
      Best Double Couple:Mo=8.5*10**23
       NP1:Strike= 97 Dip=71 Slip= -16
       NP2:        192     75      -160

STJ     17.49 320 eP     17 40.50   1.8
MTH     21.66  73 eP     18 24.70  -1.3
PTO     22.26  67 eP     18 30.20  -1.7
                  e(S)   22 32.00
MTE     23.00  69 ePc    18 40.00   0.7
PRL     23.09  72 ePc    18 42.20   1.9
AVE     23.68  87 eP     18 45.00  -0.9
                  i      19 11.00
VAL     24.79  40 iP     18 57.80   1.4
                  iS     23 24.00
TOL     25.66  70 iP     19 06.00   1.2
        1.2s      3.00nm          3.9mb X
                  ePP    19 32 50
                  eS     23 37.00
CRT     26.14  76 eP     19 17.00   7.6X
LGR     26.92  64 e(P)   19 20.00   3.5X
MIM     26.92 302 P      19 16.00  -0.4
LPF     28.79  53 eP     19 31 70  -1.6
        0.8s     10.90nm          4.7mb
SCH     28.84 322 eP     19 33.00  -0.8
GRR     29.00  52 eP     19 33 60  -1.6
        1.0s     23.00nm          4.9mb
EPF     29.04  64 eP     19 35.00  -0.7
        1.2s     32.70nm          5.0mb
MFF     29.10  56 eP     19 35 30  -0.9
        0.8s     21.40nm          5.0mb
FLN     29.33  52 eP     19 37.20  -1.0
        1.0s     16.00nm          4.8mb
LFF     29.48  60 eP     19 39.40  -0.2
        1.2s     38.50nm          5.1mb
LDF     29.52  52 eP     19 38.60  -1.3
        1.2s     29.70nm          5.0mb
RJF     30.07  59 eP     19 44.30  -0.6
        1.0s     16.00nm          4.8mb
EKA     30.14  38 Pc     19 44.80  -0.6
        1.3s     24.00nm          4.9mb
LSF     30 19  57 eP     19 45.90  -0.1
        0.8s     24.80nm          5.1mb
CAF     30.42  60 eP     19 47.70  -0.3
        0.8s      8.00nm          4.6mb
TCF     30.67  57 eP     19 50.10  -0.1
RSNY    30.71 299 P      19 52.80   2.3
        1.2s     13.79nm          4.7mb
      Z 20s      0.68um           4.3Msz
MZF     30.92  57 eP     19 52.20  -0.1
        1.0s     15.50nm          4.8mb
BGF     31.14  57 eP     19 54.10  -0.1
        1.0s     33.40nm          5.2mb
GRC     31.39  55 iPd    19 56.10  -0.3
AVF     31.51  56 eP     19 57.40  -0.1
        1.0s      9.10nm          4.6mb
SSF     31.65  56 eP     19 58.40  -0.4
        0.8s      8.00nm          4.7mb
SMF     31.83  57 eP     20 00.50   0.2
        1.1s     24.40nm          5.0mb
LOR     31.92  56 eP     20 01.00  -0.1
        0.8s      9.90nm          4.8mb
LBF     31.96  56 eP     20 01.00  -0.5
        1.0s     10.00nm          4.7mb
UCC     32.85  49 P      20 10.30   1.2
DOU     32.85  51 P      20 09.60   0.4
      Z 17s      2.60um           5.0MszX
                  S      25 34 00
HAU     33.68  55 eP     20 16.40   0 0
        1.2s     35 70nm          5.2mb
WLF     33.77  52 Pc     20 17 50   0.4

ENN     33.81  50 eP     20 22.00   4.5X
        1 0s     10.00nm          4.7mb
MEM     33.84  50 P      20 23.50   5 8X
BSF     33.95  55 eP     20 18.90   0.6
        1.2s     27.50nm          5.1mb
ROF     34.01  55 eP     20 19.40   0 1
CDF     34.34  54 eP     20 22.30   0.1
        1.2s     29.70nm          5.1mb
WTS     34.60  48 eP     20 24.00  -0.3
                  e      20 32.00
ORO     34.63  59 eP     20 26.00   1.2
FRB     34.71 335 ePc    20 23.90  -1.2
        0.9s     60.00nm          5.5mb
                  pP     20 32.00  28kmX
BLA     35.62 286 P      20 32.00  -1.2
SAL     36.42  59 eP     20 47.50   7.7X
BER     36.45  34 eP     20 39.50  -0.4
GRF     37.04  52 eP     20 45.70   0.7
        1.0s     22.00nm          4.9mb
      Z 19s      1.50um           4.8Msz
CTI     37.20  58 eP     20 46.50   0.0
MOX     37.38  51 eP     20 48.50   0.6
        1.4s     52.00nm          5.1mb
      Z 18s      3.50um           5.2Msz
      E 17s      2.20um
                  e      20 55.00
HOF     37.52  51 eP     20 49.60   0.6
        0.8s     21.00nm          5.0mb
PRM     37.86 282 P      20 48.00  -4 1X
MNS     38.14  64 eP     20 57.50   3.2X
CLL     38.31  50 iPc    20 56.10   0.4
        2.0s     45.00nm          4.9mb
      Z 20s      2.00um           4.9Msz
KBA     38.36  57 i(P)   20 56.70   0.3
        1.3s     31.30nm          4.9mb
                  i      21 02.90
                  i      21 05.90
KHC     38.55  53 P      20 58.30   0.6
      Z 20s      0.80um           4.5Msz
      N 14s      0.40um
      E 18s      0.40um
                  e      21 03.90
                  e      22 04.30
TRI     38.68  59 eP     20 58.00  -0.8
                  ePP    22 28.00
                  eS     27 00.00
                  eSS    29 56.00
VOY     38.76  58 e(P)   20 49.50 -10.1X
                  e      20 56.50
PRU     39.20  52 P      21 04.00   0.8
      Z 15s      1.50um           4.9MszX
      N 15s      0.90um
      E 16s      1.50um
                  e      21 15.50
                  S      27 07.00
LJU     39.21  58 e(P)   20 58.30  -4.9X
                  e      21 03.70
NB2     39.38  34 P      21 04.60   0 1
        1.2s     37.90nm          4.9mb
TOV     39.90 239 eP     21 10.00   0 7
RSCP    40.03 285 P      21 11.30   1.0
KSP     40.36  51 eP     21 13.00   0.3
KIC     40.70 128 iP     21 15.00  -0.8
ZST     40.88  55 e(P)   21 13.00  -4.0X
LHC     40.97 305 eP     21 18.00   0.3
SDV     41.12 239 eP     21 10.10  -9.4X
SRO     41.71  55 eP     21 23.50  -0.3
                  i      21 30.50
UPP     42.14  37 iP     21 27.20   0.1
                  iS     27 48.00
BUD     42.21  56 e(P)   21 28.00   0.1
DAG     42.28   6 iPd    21 28.80   0.7
        1.2s     15.63nm          4.6mb
                  i      21 37.00
                  i      31 16.00
KRA     42.69  52 eP     21 32.20   0.4
                  e      21 33.90
                  e      21 41.40
JOS     43.16  54 eP     21 37.00   1 4
FVM     43.22 290 P      21 37.00   0 7
        1.0s     21.00nm          4.8mb
RSON    43.77 309 P      21 39.80  -0 8
        2.0s     70.75nm          5.1mb
      Z 22s      1.90um           5 0Msz
SKO     44.64  63 eP     21 52.00   4.2X
                  iS     28 26.00
CLO     45.08  59 eP     21 50.00  -1.3
```

29d 16h

TRO	45.30	24	eP	21	52.90	0.3
VAY	45.60	64	eP	21	56.00	0.6
NUR	45.71	37	iP	21	56.00	0.0
	1.0s	36.00nm			5.3mb	
Z	20s	0.80um			4.7Msz	
		i		22	03.00	
		eS		28	36.00	
		LR		38	30.00	
SUF	46.64	34	iP	22	03.20	0.0
	1.0s	20.90nm			5.1mb	
MLR	47.20	58	eP	22	10.00	1.9
RLO	47.25	289	eP	22	07.70	-0.8
SOD	47.47	28	iP	22	09.20	-0.6
		i		22	16.30	
KJF	47.48	32	iP	22	10.00	0.1
	1.0s	36.00nm			5.4mb	
		eS		29	04.00	
BHC	47.68	287	eP	22	11.60	-0.3
	1.1s	4.50nm			4.5mb	
TUL	47.92	289	eP	22	12.50	-1.3
	0.8s	25.00nm			5.4mb	
Z	19s	0.66um			4.6Msz	
KEV	48.04	25	eP	22	15.00	0.7
		e		22	20.00	
		eS		29	12.00	
ALE	48.18	355	eP	22	14.00	-1.2
	1.0s	37.00nm			5.4mb	
FFC	48.56	315	iPc	22	13.30	-5.2X
	1.2s	27.00nm			5.2mb	
RSSD	51.71	302	P	22	44.30	1.3
	1.1s	6.40nm			4.5mb	
BAO	51.92	195	P	22	45.30	0.7
JCT	52.97	284	iP	22	52.10	-0.3
	1.0s	30.00nm			5.2mb	
Z	20s	0.67um			4.7Msz	
GLD	53.83	297	P	22	59.00	0.3
	1.2s	18.18nm			5.0mb	
Z	18s	0.92um			4.9Msz	
GOL	53.95	297	P	22	59.00	-0.7
	0.8s	4.76nm			4.6mb	
Z	20s	0.60um			4.7Msz	
YKC	54.16	326	eP	23	01.00	0.4
	0.6s	10.00nm			5.0mb	
YKA	54.22	326	eP	23	01.30	0.3
MBC	54.46	343	eP	23	02.00	-0.7
SES	54.74	311	eP	23	04.00	-1.1
EDM	55.42	315	eP	23	08.50	-1.6
BDW	55.96	302	P	23	13.50	-0.8
	1.2s	20.29nm			5.0mb	
ALO	56.43	292	eP	23	17.30	-0.5
	1.5s	24.31nm			5.0mb	
Z	20s	0.71um			4.8Msz	
LTX	56.50	284	P	23	18.00	-0.2
	1.0s	11.00nm			4.8mb	
Z	20s	0.43um			4.5Msz	
LRM	56.95	306	eP	23	20.30	-1.1
VAO	58.91	192	eP	23	35.50	0.5
		e		23	42.90	
RMU	58.99	296	P	23	38.20	2.5X
NEW	59.17	310	eP	23	35.50	-1.1
PNT	60.35	312	eP	23	44.00	-0.7
INK	60.37	335	ePc	23	48.30	3.8X
	1.3s	58.00nm			5.5mb	
EUR	61.66	300	iP	23	53.50	+0.5
	0.8s	2.95nm			4.5mb	
BMN	62.16	301	P	23	56.50	-0.7
	1.0s	9.75nm			4.9mb	
GLA	63.54	293	eP	24	07.00	0.7
YUA	63.64	211	ePd	24	06.00	-1.5
TPC	63.99	295	eP	24	10.00	0.7
GSC	64.02	296	eP	24	10.00	0.5
CWC	64.45	298	eP	24	12.00	-0.4
PLM	64.93	294	eP	24	19.00	3.4X
SBB	65.04	296	eP	24	16.00	-0.2
BAR	65.09	293	eP	24	18.00	1.5
MWC	65.43	296	eP	24	13.00	-5.8X
JAS1	65.47	300	P	24	19.00	0.2
	1.1s	9.87nm			4.9mb	
BRW	65.81	342	e(P)	24	20.50	0.1
COL	66.99	335	eP	24	28.00	-0.1
	0.8s	5.60nm			4.8mb	
FBA	66.99	335	e(P)	24	28.00	-0.1
TOA	67.97	332	eP	24	34.80	0.5
IMA	68.26	337	eP	24	36.40	0.2
IR2	68.29	61	eP	24	37.00	0.1
PME	69.35	332	e(P)	24	43.30	0.5
Z	20s	1.00um			5.1Msz	

PME	69.35	332	eP	24	43.60	0.8
	1.0s	17.50nm			5.2mb	
PMR	69.41	332	P	24	44.00	0.9
	0.9s	17.50nm			5.2mb	
SVW	72.14	334	e(P)	25	00.40	0.6
MHI	73.99	57	eP	25	12.00	0.9
MDZ	74.49	208	eP	25	17.10	3.3X
KRI	80.93	118	eP	25	49.00	-0.8
			i	25	56.00	
MTD	82.32	117	eP	25	57.00	0.0
			i	26	05.00	
BUL	82.39	121	eP	26	00.30	2.9X
			i	29	04.50	
QUE	82.59	58	eP	26	03.00	4.6X
NDI	90.50	54	eP	26	44.50	7.6X
SBA	136.23	187	ePKP	32	57.90	2.4

S.D. = 0.9 on 120 of 141 obs.

APR 29, 1985 17h 18m 37.27± 0.54s
42 327 N ± 5.3km 19.332 E ± 5.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.3 (TTG), ML 3.0 (BRY).
Felt (IV) at Titograd.

TTG	0.12	333	iPgd	18	41.20	1.0
			iSg	18	44.80	
ULC	0.37	190	iPgd	18	45.00	0.1
			iSg	18	52.30	
BDV	0.38	264	ePg	18	45.50	0.5
			eSg	18	52.00	
PVY	0.54	60	ePg	18	47.20	-1.1
			eSg	18	56.00	
HCY	0.63	281	ePg	18	49.50	-0.4
			eSg	19	00.00	
BRY	0.82	315	ePg	18	52.50	-0.7
			eSg	19	06.50	
PLE	1.00	3	ePg	18	56.00	-0.4
			eSg	19	10.50	
SKO	1.61	102	iPnc	19	06.50	0.7
			iSn	19	28.20	
OHR	1.64	137	iPn	19	07.60	1.3
BRT	2.16	229	ePn	19	13.00	-0.7
LCI	2.25	208	ePn	19	12.50	-2.5
VAY	2.62	111	iPn	19	20.40	0.1
ORI	3.15	225	e(Pn)	19	39.00	11.2X
CLO	3.72	41	ePc	19	26.00	-10.0X
CEY	4.91	316	ePn	19	53.20	0.3
			eSn	20	49.20	
MNS	4.93	273	ePn	19	56.00	2.9
LJU	5.07	319	eP	19	53.70	-1.4
			e(Sn)	20	53.00	
VOY	5.39	315	ePn	19	59.20	-0.5
			eSn	21	01.00	
KBA	6.38	320	e(Pn)	20	13.00	-0.8
			i	22	09.50	
KHC	7.90	331	eP	20	36.50	1.5
GRF	9.27	325	eP	20	47.40	-6.5X

S.D. = 1.3 on 18 of 21 obs.

APR 29, 1985 17h 46m 30.84± 0.55s
51.563 N ±11.8km 173.360 W ± 5.3km
DEPTH = 33.0km (normal)
4.6mb (18 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	2.09	280	iPc	47	04.80	0.6
SVW	13.67	39	e(P)	49	48.20	3.7X
TTA	14.69	33	e(P)	50	02.70	4.8X
	1.1s	50.00nm			4.9mb	
PME	16.65	43	e(P)	50	24.10	1.1
	0.3s	3.70nm			4.0mb	
IMA	17.63	27	e(P)	50	37.10	1.8
TOA	18.09	44	eP	50	41.00	0.1
COL	18.77	35	eP	50	48.00	-1.2
	0.8s	7.46nm			3.9mb	
PNL	20.62	54	eP	51	09.70	0.1
BRW	21.19	15	e(P)	51	14.60	-0.6
INK	25.39	34	eP	51	56.00	-0.2
MBC	32.18	21	eP	52	57.00	-0.2
YKA	32.62	47	eP	53	00.90	-0.2
YKC	32.68	47	eP	53	01.00	-0.7
	0.4s	5.00nm			4.8mb	
PNT	33.66	72	eP	53	11.00	0.6
	0.6s	6.00nm			4.7mb	
NEW	35.61	73	eP	53	27.00	-0.1
EDM	35.72	63	ePd	53	28.80	0.8

MAT	37.18	266	(P)	53	44.00	3.6X
CN2	40.83	284	Pd	54	09.80	-0.8
FFC	41.24	57	eP	54	14.00	0.2
	1.0s	8.00nm			4.4mb	
SNY	43.08	283	Pd	54	29.60	0.6
BJI	48.63	285	eP	55	13.00	-0.1
ALQ	49.71	82	eP	55	29.00	7.2X
	1.2s	5.08nm			4.4mb	
TIA	50.49	281	P	55	27.00	-0.5
FRB	51.04	34	eP	55	30.00	-1.2
LHC	51.29	58	eP	55	32.00	-1.3
BTO	51.95	290	eP	55	38.60	0.0
TIY	52.37	285	P	55	42.00	0.3
XAN	56.94	284	Pc	56	13.70	-1.4
SCH	57.72	41	eP	56	19.00	-1.3
KEV	58.08	352	eP	56	21.00	-1.6
LZH	58.56	290	eP	56	27.00	0.4
GTA	58.62	295	iPc	56	26.00	-0.9
SOD	60.44	351	eP	56	38.00	-0.9
KJF	63.41	350	iP	56	58.00	-0.8
GYA	63.67	280	eP	57	02.60	1.4
SUF	65.02	350	eP	57	08.00	-1.3
KMI	67.05	282	eP	57	23.00	-0.1
NUR	67.35	350	iP	57	22.70	-1.4
NB2	67.69	358	P	57	25.20	-1.2
	0.5s	0.90nm			4.1mb	
SHL	73.23	290	eP	57	59.20	-1.4
KKN	75.32	296	iP	58	13.10	0.4
	0.7s	24.00nm			5.3mb	
PKI	75.42	296	iP	58	13.60	0.2
	0.8s	27.00nm			5.3mb	
DMN	75.56	296	iP	58	14.70	0.6
	0.6s	21.00nm			5.3mb	
PRU	78.60	355	eP	58	30.50	0.2
GRF	79.05	357	eP	58	33.80	1.0
WLF	79.15	0	P	58	32.60	-0.6
KHC	79.51	355	P	58	35.50	0.2
LDF	80.06	5	eP	58	38.30	0.1
GRR	80.22	5	eP	58	39.40	0.3
CDF	80.40	360	eP	58	40.60	0.5
LPF	80.57	5	eP	58	41.30	0.4
	0.6s	4.00nm			4.6mb	
HAU	80.81	0	eP	58	42.70	0.5
BSF	80.99	360	iPc	58	43.60	0.3
	0.5s	5.90nm			4.8mb	
MHI	81.03	319	eP	58	44.00	0.3
LOR	81.52	2	eP	58	46.60	0.7
	0.5s	1.70nm			4.3mb	
KBA	81.57	355	iPc	58	47.20	0.8
	0.7s	14.20nm			5.1mb	
SSF	81.72	2	iPc	58	47.50	0.5
	0.5s	0.30nm			3.6mb	X
LBF	81.81	2	iPc	58	47.70	0.2
AVF	81.99	2	iPc	58	48.90	0.6
	0.6s	3.10nm			4.5mb	
MFF	82.04	5	eP	58	49.30	0.7
SMF	82.14	2	iPc	58	49.70	0.5
	0.5s	3.60nm			4.7mb	
TCF	82.46	3	iPc	58	51.30	0.5
LSF	82.47	4	iPc	58	51.40	0.5
MZF	82.54	3	eP	58	52.00	0.7
	0.5s	2.60nm			4.6mb	
QUE	82.93	311	eP	58	54.60	0.8
WB2	84.59	228	eP	59	13.00	11.1X
SKO	85.96	349	iPd	59	10.00	1.4
VAY	86.46	34B	eP	59	12.00	0.9
HYB	87.28	295	eP	59	14.60	-0.9
POO	89.00	299	iPc	59	25.00	1.3
BUL	144.23	323	iPKPc	06	03.00	-2.0
	0.6s	10.00nm				

S.D. = 0.9 on 66 of 71 obs.

& APR 29, 1985 18h 08m 26.40s
37.288 N 121.678 W
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.1 (BRK).
Mo=5.1*10**20 (BRK). Felt in the
Morgan Hill area.

MHC	0.06	28	iPd	08	27.90	-0.2
ARN	0.13	62	iPd	08	28.90	-0.3
GCC	0.36	225	iPd	08	33.90	0.2
SLD	0.42	120	iPd	08	34.50	-0.4
SAO	0.55	160	iPd	08	37.50	0.0
PCC	0.60	291	iPc	08	37.90	-0.5
BKS	0.74	323	iPc	08	40.80	-0.3

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                    e(S)  08 53.50
BRK      0 75 322   iPc   08 41.00   -0.3
ZSP      0.80 325   iP    08 42.40    0.0
                    iS    08 55.40
LLA      0.89 138   eP    08 42.90   -1.1
PRS      0.99 165   iPd   08 44.60   -1.0
JAS1     1.19  57   eP    08 47.80   -1.2
PRI      1.40 144   eP    08 51.40   -1.4
FRI      1.60 100   ePc   08 53.90   -1.5
                    iS    09 04.50
ORV      2.27   3   eP    09 03.20   -1.9
                    i     09 06.20
        15 obs. associated

*  APR 29, 1985  18h 17m 42.43± 1.56s
    7 504 S ±10.6km  128.676 E ± 9.7km
    DEPTH = 173.1 ± 20.3 km
    5.0mb (  4 obs.)
  BANDA SEA                          (280)

KUPT     5.66 242   ePd   19 06.00    0.3
                    eS    20 02.50
MTN      5.83 156   iPc   19 08.50    0.5
                    eS    19 54.00
KNA      8.20 179   eP    19 38.00   -1.3
        0.3s     37.00nm          5.3mb X
                    eS    21 06.00
WRA     13.53 157   Pd    20 47.40   -1.3
        0.3s      1.70nm          3.9mb X
W82     13.54 157   eP    20 47.20   -1.5
                    i     20 49.70
                    iS    23 09.50
MBL     16.04 211   eP    21 20.00    0.1
                    eS    24 09.00
ISO     16.83 142   eP    21 31.00    1.4
                    eS    24 29.00
ASPA    16.84 163   iPc   21 31.50    1.9
                    eS    24 29.00
PMG     18.37  97   eP    21 52.00    5.2X
        1.0s     80.00nm          5.1mb
NAU     19.61 219   eP    22 00.00    0.4
                    eS    25 34.00
CTA     21.13 128   eP    22 27.00   12.1X
MEK     21.31 206   eP    22 21.00    4.4X
                    eS    26 05.00
CHG     39.29 312   eP    24 56.50    0.4
GYA     39.95 328   P     25 02.00    0.4
WHN     40.25 341   P     25 05.00    1.2
MAT     44.72  11   eP    25 39.00   -1.0
CD2     45.04 329   iPd   25 43.00    0.3
XAN     45.36 337   Pc    25 44.20   -1.0
TIY     47.47 342   eP    26 02.00    0.3
BJI     48.70 347   eP    26 11.00    0.0
LZH     49.24 333   eP    26 16.00    0.5
GTA     53.79 332   iPc   26 49.80    0.4
PKI     54.46 312   iP    26 53.80   -1.0
        0.5s     16 00nm          5.0mb
KKN     54.68 312   iP    26 55.50   -0.7
        0.5s     16.00nm          5.0mb
DMN     54.71 311   iP    26 55.90   -0.6
        0.6s     13.00nm          4.9mb
      S D = 1.0  on  22 of  25 obs.

   APR  29, 1985  18h 57m 15.03± 0.44s
   40.166 N ± 7.6km   63.246 E ± 7.2km
   DEPTH =  33.0km  (normal)
   4.3mb ( 10 obs.)
 UZBEK SSR                           (339)
      Felt (IV) at Gazli.

MHI      4.86 219   iPnc  58 27.30   -0.5
        0.9s     84.03nm
                    eSn   59 21.00
KHI      7.05 213   eP    58 57.80   -0.9
OUE     10.40 162   eP    59 32.00  -13.2X
IR2     10.74 249   (P)   59 53.00    3.3X
TAB     13.31 266   eP    00 26.00    1.8
NDI     16.23 131   eP    01 02.00   -0.1
                    eS    03 50.00
DMN     21.98 118   eP    02 08.60    0.5
        0.6s     21.00nm          4.7mb
KKN     21.98 117   eP    02 08.10    0.0
        0.6s     17.00nm          4.7mb
PKI     22.21 118   eP    02 10.90    0.4
        0.6s     29.00nm          4.9mb
HY8     26.26 145   eP    02 52.50    3.4X
NUR     31.28 324   iP    03 32.10   -1.6
SUF     31.59 328   iP    03 35.30   -1.1
        0.7s      4 00nm          4.4mb
KJF     31.72 331   eP    03 39.00    1.4
PRU     35.20 303   eP    04 07.50   -0.4
BRG     35.54 304   e(P)  04 10 30   -0.5
                    e     04 26 00
KHC     35.88 301   P     04 14.40    0.7
KBA     36.26 298   eP    04 16.00   -1.1
        0.5s      2.70nm          4 4mb
                    i     04 19.70
NB2     37.75 321   P     04 28.00   -1.2
        0.7s      2.90nm          4.2mb
BSF     40.53 300   eP    04 55.00    2.4X
        0.6s      3.30nm          4.3mb
LBF     42.58 300   eP    05 11.10    1.8
SMF     42.75 299   eP    05 13.00    2.3X
AVF     43.04 299   eP    05 15.40    2.4X
        0.6s      2.20nm          4.1mb
MZF     43.69 299   eP    05 21.10    2.7X
        0.6s      2.50nm          4.2mb
TCF     43.93 299   eP    05 23.10    2.8X
        0.6s      1.60nm          4.0mb
INK     71.13   7   eP    08 31.00   -0.6
SCH     76.19 333   eP    09 03.00    1.6
YKA     77.67 359   eP    09 09.50    0.2
YKC     77.69 359   eP    09 09.00   -0.4
      S.D. = 1.1  on  20 of  28 obs.

*  APR 29, 1985  21h 53m 34.36± 1.41s
    7.253 N ±12.7km   76.419 W ±13.7km
    DEPTH =  33.0km  (normal)
  NORTHERN COLOMBIA                   ( 99)

BMG      3.32  93   eP    54 40.00   14.6X
BOG      3.51 138   eP    54 28.50    0.3
                    eS    55 08.00
UAV      5.40  75   e(P)  54 55.80    1.0
LGN      5.84  60   eP    55 39.00   38.0X
SDV      5.95  74   ePn   55 02.60   -0.2
TOV      7.02  69   ePn   55 16.50   -1.1
CAR      9.92  70   e(P)  55 50.80   -7.1X
STH     10.77 358   eP    56 10.13    0.7
BBJ     11.09 356   eP    56 16.89    3.0X
                    eS    58 17.85
YKA     61.76 341   eP    03 51.20   -0.7
      S.D. = 1.0  on   6 of  10 obs.

?  APR  29, 1985  21h 55m 20.23± 0.98s
    16.175 S ±67.1km  179.909 W ±40.8km
    DEPTH = 592.5 ± 18.7 km
  FIJI ISLANDS REGION                 (181)

VUN      2.40 220   iPd   56 36.00    0.0
WB2     43.55 258   eP    02 34.20   -0.5
                    i     02 36.20
WRA     43.56 258   Pd    02 35.00    0.2
        0.2s     42.40nm          5.6mb X
ASPA    43.91 253   iPd   02 37.80    0.3
COL     84.45  13   eP    06 52.00    0.2
INK     90.60  16   ePd   07 20.70    0.1
YKA     93.37  25   eP    07 33.20   -0.2
CLL    143.46 346   iPKPd 13 48.70   -0.7
        0 9s     11.00nm
PRU    144.30 344   ePKP  13 51.50    0.6
KHC    145.34 344   PKP   13 54.10    1.4X
FLN    147.50   1   ePKP  13 58.10    2.0X
LDF    147.67   0   ePKP  13 58.40    2.0X
GRR    147 87   1   ePKP  13 59.10    2.4X
LPF    148.22   1   ePKP  13 59.90    2.6X
LOR    148.84 355   ePKP  14 01.30    3.0X
        0.7s      3.70nm
SSF    149.07 355   ePKP  14 01.90    3.3X
        0.6s      2.10nm
LBF    149.11 355   ePKP  14 01.80    3.1X
        0.8s      3.20nm
MFF    149.66   0   ePKP  14 02.60    3.1X
TCF    149.92 357   ePKP  14 03.40    3.4X
      S.D. = 0.5  on   9 of  19 obs.

%  APR  29, 1985  23h 36m 55.23± 0.90s
    39.611 N ± 8.4km   29.339 E ± 9.5km
    DEPTH =  10.0km  (geophysicist)
  TURKEY                              (366)

DST      0.55 270   iPg   37 01 50   -4.8X
                    iSg   37 07.00
ALT      0.82 133   iPg   37 11 70    0.6
                    iSg   37 17.70
GPA      1.01  47   iPn   37 13.70   -0.6
ISK      1.47 352   iPn   37 21.20   -0 5
IZM      2.02 234   iPn   37 29.10   -0.7
DMK      2.51 332   ePn   37 38.00    1.2
      S.D. = 1.2  on   5 of   6 obs

?  APR  29, 1985  23h 46m 06.16± 7 63s
    31.238 S ±47.9km   68.802 W ±55.0km
    DEPTH = 102.8 ± 43.8 km
  SAN JUAN PROVINCE, ARGENTINA        (137)

RTCB     0.25 180   iPd   46 21.00   -0 4
                    S     46 31.80
RTLL     0.30 108   iPd   46 21.80    0 5
                    S     46 33.80
ZON      0.32 161   iPd   46 21.60    0.1
                    eS    46 34.00
RTCV     0.66 160   iPd   46 23.50   -0.3
                    S     46 36.00
MDZ      1.64 181   iP    46 35.00    0.2
                    i     46 54.20
                    iS    46 56.50
TCA      3.61  93   ePc   47 01.00   -0.1
                    S     47 41.20
      S.D. = 0.5  on   6 of   6 obs.

*  APR  30, 1985  00h 17m 45.59± 0.53s
    13.801 N ± 7.8km   144.716 E ±14.2km
    DEPTH = 132.5 ±  4.4 km
    4.8mb (  3 obs.)
  MARIANA ISLANDS                     (216)
      Felt (III) on Guam.

GUMO     0.26 145   iPd   18 05.30    0.1
                    eS    18 18.00
PJG      0.26 145   iPd   18 05.30    0.1
GUA      0.32 144   iPd-  18 05.20   -0.2
MAT     23.38 347   (P)   22 43.00   -0.3
        0 7s     10.27nm          4.4mb
WB2     35.05 197   iPd   24 27.90    0.3
NOU     41.74 149   iPc   25 20.50   -2.7
STK     45.52 184   iPd   25 53.40   -0.1
NAU     46.09 219   iPc   25 59.30    1.2
        0.4s      9.00nm          4.8mb
BFD     50.74 182   iPd   26 34.10    0.3
MRWA    50.97 213   eP    26 35.00   -0.8
TOO     51.10 179   iPd   26 37.80    1.2
INK     74.24  22   eP    29 09.00   -0.3
MBC     78.10  14   eP    29 30.00   -0.8
YKA     82.74  27   eP    29 55.10   -0.5
YKC     82.80  27   eP    29 55.00   -0.9
NEW     85.17  42   eP    30 09.00    0.8
BMN     87.18  49   eP    30 19.00    0.6
CLC     88.14  54   eP    30 23.00    0.1
MWC     88.20  55   eP    30 24.00    0.6
SBB     88.26  55   eP    30 24.00    0.5
EUR     88.37  50   iP    30 24.50    0.3
        0.8s      8.85nm          4.9mb
GSC     88.90  54   eP    30 27.00    0 4
PLM     89.39  56   eP    30 23.00   -6.1X
TPC     89.83  55   eP    30 31.00    6 1
SUF     90.21 336   eP    30 31.00   -1 6
BDW     91.91  45   eP    30 42.00    1 4
BNG    123.60 285   iPKPc 36 31.10    1 2
        1.0s      7.90nm
KIC    143.66 302   e(PKP)37 06.00   -1.4
MDZ    144.02 128   ePKP  37 07.20   -0.4
LPB    148.23  99   ePKP  37 10.00   -5.3X
                    i     37 18.60
      S.D. = 0.9  on  28 of  30 obs.

   APR  30, 1985  00h 43m 21.92± 0.34s
    7.461 S ± 3.5km   128.070 E ± 4.4km
    DEPTH = 179.3 ±  3.3 km
    5.3mb ( 15 obs.)
  BANDA SEA                           (280)

AAI      3.75   2   ePd   44 21.60    1 2
KUPT     5.16 238   iPc   44 40.70    2 1
MTN      6.14 151   eP    44 50.00   -1.6
KNA      8.27 175   iPd   45 17.70   -2 0
        0.3s    400.00nm          6.3mb X
W82     13.82 154   iPd   46 26.70   -4 9X
                    iS    48 53.50
TRT     15.30 268   ePc   46 51.10    1.1
        0.6s    104.00nm          5.4mb
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30d 00h

MBL 15.78 209 iPc 46 54.50 -1.3
0.4s 33.00nm 5.1mb
ISO 17 24 141 eP 47 12.00 -1.5
0 7s 264 00nm 5.7mb
MAP 18 13 347 iPc 47 26.80 3.6X
1 5s 440.00nm 5.6mb
PMG 18 98 97 eP 47 33.00 0.9
NAL 19 27 218 iPd 47 35.80 0.7
0.4s 63.00nm 5.4mb
LMG 19 93 96 eP 47 45.00 3.0X
MOM 20.00 75 eP 47 43.00 0.5
CTA 21.64 127 iPd 47 59.20 0.4
1 2s 30.47nm 4.7mb
iS 51 49.00
KVG 23.15 79 e(P) 48 22.00 8.5X
MRWA 24.45 206 eP 48 26.00 0.3
0.5s 25.00nm 5.1mb
KLB 25.87 200 iPd 48 39.10 0.3
MUN 26.78 203 iPd 48 47.30 0.2
NWAO 27.26 200 iPd 48 51.50 0.1
RMO 27.29 136 eP 48 52.00 0.2
STK 27.37 154 eP 48 52.00 -0.4
RKG 28.38 200 eP 49 06.00 4.5X
PPI 28.45 283 eP 49 01.50 -0.8
0.7s 55.80nm 5 4mb
ADE 29.07 162 eP 49 08.60 0.9
0 9s 55 46nm 5.3mb
CMS 29.09 148 eP 49 07.00 -0.8
PSI 30.78 288 iPd 49 22.30 -0.6
0.5s 119.20nm 5.9mb
BFO 32.38 158 eP 49 37.00 0.5
YOU 32.60 148 eP 49 39.30 0.8
e 50 25 10
CAN 33.73 148 eP 49 49.40 1.2
e 50 44.80
TOO 33.89 155 eP 49 50.00 0.4
WAM 34.34 149 eP 49 55.20 1.8
e 50 55.80
BSI 35.12 291 eP 49 59.00 -1.2
CHTO 38.81 313 iP 50 31.30 0.2
0.8s 21.96nm 4.9mb
GYA 39.60 329 P 50 38.20 0.6
WHN 40.01 341 P 50 42.00 1.2
NJ2 40.26 348 Pc 50 43.00 0.2
eScP 56 15.00
S 56 32.00
KMI 40.71 324 Pc 50 48.00 1.1
eS 56 32.00
sS 56 44.00
CD2 44.70 330 P 51 18.60 -0.3
MAT 44.79 12 (P) 51 20.00 0.5
XAN 45.09 337 P 51 20.50 -1.4
SHL 48.12 314 iP 51 44.60 -1.3
BJI 48.52 348 eP 51 48.00 -0.5
LZH 48.94 334 Pc 51 52.50 0.5
1 5s 50.00nm 4.8mb
LSA 51.23 318 Pd 52 10.90 1.0
TCW 52.95 137 P 52 21.40 -0.5
GTA 53 48 333 iPc 52 25 60 -0.4
PKI 53.99 312 iPc 52 29.30 -0.9
KKN 54.20 312 iPc 52 31.10 -0.5
DMN 54.23 312 iPc 52 31.40 -0.5
HYB 54.81 297 eP 52 33.50 -2.4X
1.0s 96.00nm 5.5mb
NDI 60.76 309 iPc 53 14.00 -3.2X
WMO 62.75 328 P 53 30.00 -0.3
QUE 69.50 306 eP 54 12.00 -1.4
SBA 73.14 172 e(P) 54 32.90 -1.1
MAW 73.83 201 eP 54 39.00 0.9
MHI 77.49 310 iPd 55 00.20 0.8
AVY 78.52 252 iPd 55 06.30 0.8
SPA 82.59 180 iPc 55 26 80 0.8
0 6s 15.45nm 4 9mb
IP2 84.01 307 eP 55 34.00 0.3
NAI 91.09 269 eP 56 10.00 1 8
MTD 94 03 253 eP 56 22 00 0.5
KRI 95.88 252 eP 56 29.00 -1.0
BUL 96.25 249 iPd 56 32.50 0 9
1.0s 12 50nm 5.2mb
SUF 102.06 333 ePdiff 56 55.00 -1.6
YKA 109.00 26 ePKP 01 31.20 0.0
YKC 109.06 26 ePKP 01 31.00 -0.3
NB2 109 31 333 Pdiff 57 27.60 -1.4
0 8s 1 10nm
BNG 109.90 272 iPKPd 01 34.40 0.0
1 0s 7.90nm
EDM 112.85 35 ePKP 01 39.00 0.1

BSF 116.25 320 iPKPd 01 46.00 0.3
GLA 116.71 57 ePKP 01 48.20 1.2
LOR 118.31 320 iPKPd 01 48.80 -0.7
FFC 118.32 30 ePKP 01 48.00 -1.3
0.8s 3.00nm
LBF 118.33 320 iPKPd 01 49.10 -0.5
BDW 118.56 45 ePKP 01 50.50 0.1
0.9s 5.13nm
SSF 118.61 320 iPKPd 01 49.80 -0.3
AVF 118.80 320 ePKP 01 49.90 -0.5
RMU 119.04 52 iPKP 01 52.10 0.7
MZF 119.51 319 ePKP 01 51.70 -0.1
TCF 119.72 320 iPKPd 01 52.10 -0.1
CAF 120.33 318 ePKP 01 53.90 0.5
LPO 121.00 318 ePKP 01 55.00 0.3
LPF 121.03 323 ePKP 01 54.70 0.1
MFF 121.09 321 iPKPd 01 54.50 -0.3
RSSD 121.88 42 iPKP 01 56.30 -0.4
0.9s 16.39nm
EPF 122.19 317 ePKP 01 57.20 0.1
GOL 122.53 47 ePKP 01 58.90 0.8
1.0s 6.00nm
FRB 122.56 9 ePKP 01 56.00 -1.0
ALQ 123.11 53 ePKP 02 00.00 0.7
LTX 126.80 59 ePKP 02 07.30 0.8
0.8s 1.17nm
JCT 129.74 56 ePKP 02 12.00 0.0
SCH 131.30 11 ePKP 02 14.00 -0.1
KIC 133.16 272 ePKP 02 19.00 0.1
FVM 133.81 43 ePKP 02 19.00 -0.4
1.0s 12.00nm
GCM 149.09 65 iPKP 02 51.70 5.0X
VAO 149.34 189 ePKP 02 52.70 5.5X
ARE 149.35 141 iPKPd 02 53.00 5.4X
LPB 151.29 146 PKPc 02 50.60 -0.1
0.8s 59.70nm
i 02 56.80
BAO 156.72 190 e(PKP)02 55.80 -2.0
S.D. = 0.9 on 89 of 99 obs.

% APR 30, 1985 01h 21m 52.43± 3.33s
16.913 N ±11.0km 62.059 W ±27.4km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)

BPA 0.23 56 iPd 21 57.41 -0.1
S 22 03.80
SEG 0.73 134 eP 22 07.07 0.2
PAG 0.95 157 eP 22 10.35 -0.2
S 22 25.40
SFG 1.06 128 eP 22 12.38 0.1
MGG 1.22 144 eP 22 14.84 -0.3
S 22 35.00
MDN 1.71 158 eP 22 22.70 0.3
S 22 48.30
S.D. = 0.3 on 6 of 6 obs.

? APR 30, 1985 01h 39m 29.27± 5.25s
16.938 N ±19.6km 62.146 W ±38.0km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)

BPA 0.30 69 iPd 39 35.50 0.0
S 39 41.30
SEG 0.81 131 eP 39 45.00 0.0
S 39 58.00
PAG 1.01 154 eP 39 48.50 0.1
S 40 03.50
MGG 1.29 142 eP 39 53.10 -0.1
MDN 1.76 156 eP 40 00.00 -0.1
S.D. = 0.1 on 5 of 5 obs.

? APR 30, 1985 02h 16m 00.72±20.08s
15.468 N ±129.km 96.254 W ±110.km
DEPTH = 33 0km (normal)
NEAR COAST OF OAXACA, MEXICO (66)

OXX 1.67 344 iPd 16 29.00 0.8
iS 16 43.70
VHO 1.82 345 iP 16 29.00 -1.4
ACX 3.73 292 eP 16 57.50 0.0
IIT 4.04 331 eP 17 03 10 1.0
III 4 22 314 iPd 17 03.60 -1.0
iS 17 47 70
S.D = 1 5 on 5 of 5 obs.

APR 30, 1985 02h 51m 37.13± 0.99s
31.442 S ±11.4km 67.890 W ± 6.2km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.34 241 iP 51 44.00 -0.2
S 52 59.00
RTLL 0.51 283 iPd 51 47.60 0.2
S 51 56.20
ZON 0.68 261 eP 51 51.00 0.3
eS 52 02.00
RTCV 0.69 233 ePd 51 50.20 -0.7
S 52 00.30
RTCB 0.78 267 ePd 51 53.80 1.4X
S 52 04.60
MDZ 1.65 209 eP 52 11.20 4.9X
i 52 33.60
i 52 36.80
TCA 2.82 89 iPd 52 23.00 -0.2
S 52 58.30
RFA 3.35 188 eP 52 31.30 0.6
S 53 22.00
S.D. = 0.6 on 6 of 8 obs.

APR 30, 1985 02h 58m 05.14± 1.02s
40.620 N ± 6.5km 23.520 E ± 9.2km
DEPTH = 10.0km (geophysicist)
GREECE (364)

SOH 0.24 328 ePgc 58 10.30 0.0
eSg 58 13.40
THE 0.42 272 ePgd 58 13.20 -0.6
eSg 58 18.90
SRS 0.50 6 ePgd 58 15.30 0.0
PAIG 0.70 170 ePgd 58 19.00 0.0
eSg 58 28.70
KNT 0.72 319 ePg 58 18.70 -0.6
eSg 58 28.50
GRG 0.91 292 ePgc 58 23.70 1.1
S.D. = 0.8 on 6 of 6 obs.

APR 30, 1985 03h 09m 50.02± 0.28s
5.137 S ± 5.7km 143.244 E ± 5.7km
DEPTH = 33.0km (normal)
5.2mb (9 obs.)
PAPUA NEW GUINEA (202)

MDG 2.53 93 eP 10 30.00 0.4
PMG 5.75 138 eP 11 14.00 -1.3
LMG 6.14 128 eP 11 21.00 0.0
KVG 7.95 72 eP 11 52.00 5.8X
RAB 8.95 84 iPc 12 02.00 2.0
MTN 14.20 237 eP 13 06.00 -4.9X
AAI 15.07 275 ePc 13 27.50 5.1X
0.6s 64.60nm 5.1mb
CTA 15.15 169 eP 13 27.00 3.7X
ISO 15.89 193 eP 13 33.00 0.0
SVO 16.92 105 eP 13 42.00 -4.0X
WB2 17.07 210 eP 13 45.70 -2.2
i 13 50.20
eS 16 45.80
KNA 17.70 232 eP 13 52.00 -3.8X
KUPT 20.09 254 eP 14 25.50 1.7
ASPA 20.51 205 eP 14 27.00 -1.1
RMO 21.88 167 eP 14 43.00 1.0
MKS 23.68 269 ePd 15 02.00 2.3
CAN 30.50 171 eP 16 03.00 0.6
WAM 31.34 171 eP 16 10.70 1.0
QIZ 40.73 307 eP 17 28.90 -0.7
MAT 41.73 354 eP 17 36.00 -1.6
1.2s 23.44nm 4.8mb
PPI 43.03 275 eP 17 47.50 -1.2
PSI 44.95 279 ePc 18 04.00 -0.2
0.8s 23.30nm 5.1mb
WHN 44.98 324 eP 18 06.00 1.9
LOE 46.71 300 eP 18 17.50 -0.5
GYA 47.34 313 P 18 24.20 1.1
NST 47.42 297 eP 18 23.10 -0.6
KMI 49.54 309 eP 18 41.00 0.8
CHG 49.70 300 iPd 18 41.20 -0.1
1.0s 15.00nm 5.0mb
SNY 50.07 341 eP 18 43.10 -0.6
XAN 50.69 323 P 18 47.60 -1.0
CN2 51.29 344 eP 18 52.00 -1.0
eS 26 13.00
BJI 51.40 333 eP 18 53.00 -0.8
CD2 52.03 316 eP 18 59.00 0.1
BTO 54.77 329 eP 19 20.50 1.4

LZH 55.16 321 eP 19 23.50 1.5
1 5s 69.00nm 5.5mb
SHL 58.43 304 iP 19 45.50 0.0
GTA 59.73 322 P 19 54.30 0.1
PKI 64.55 304 eP 20 26.70 -0.2
1.2s 57.00nm 5.5mb
KKN 64.73 304 eP 20 28.00 0.1
DMN 64.81 304 eP 20 28.80 0.3
KOD 67.26 283 eP 20 45.00 0.6
OUE 80.80 302 eP 22 03.00 0.4
IMA 84.10 21 eP 22 18.90 0.1
PME 84.13 26 eP 22 18.20 -0.6
1.1s 53.10nm 5.6mb
SPA 84.90 180 e(P) 22 28.60 5.8X
COL 85.87 24 eP 22 26.00 -1.4
0.9s 14.29nm 5.2mb
FBA 85.87 24 eP 22 26.00 -1.4
1.2s 23.40nm 5.3mb
INK 92.24 22 eP 22 57.00 -0.5
MBC 96.72 14 eP 23 17.00 -0.9
YKA 100.14 27 ePdiff 23 35.70 2.1
ALQ 109.55 55 ePKP 28 22.00 2.3X
BRG 117.94 326 ePKP 28 37.80 2.9X
KHC 118.99 325 PKP 28 40.00 2.9X
BSF 123.51 326 ePKP 28 44.90 -1.0
1.0s 12.00nm
BNG 124.90 272 iPKPc 28 51.40 2.0
1.0s 11.90nm
LOR 125.45 327 ePKP 28 48.40 -1.1
LBF 125.56 327 ePKP 28 48.50 -1.3
1.0s 6.00nm
SSF 125.77 327 ePKP 28 49.30 -0.9
1.1s 5.80nm
TCF 126.95 327 ePKP 28 52.80 0.3
1.0s 6.00nm
LPO 128.51 326 ePKP 28 57.70 2.2X
LPB 142.26 125 ePKP 29 24.00 1.6
KIC 148.13 274 ePKP 29 31.00 -0.8
SJG 148.52 63 ePKP 29 35.00 2.7X
VAO 150.31 161 e(PKP) 29 44.00 9.0X
S.D. = 1.1 on 51 of 64 obs.

? APR 30, 1985 04h 10m 13.44± 1.90s
12.309 S ±20.3km 159.886 E ±26.1km
DEPTH = 33.0km (normal)
5.6mb (1 obs.)
SOLOMON ISLANDS (193)

HNR 2.86 1 eP+ 10 57.00 -0.7
eS 11 17.00
VSG 3.04 357 P 11 02.00 1.6
S 11 26.00
SVO 3.14 359 P 11 01.00 -0.7
S 11 10.00
PAA 7.38 324 eP 12 10.00 8.3X
BGA 7.68 322 e(P) 12 06.00 0.0
MAT 52.71 338 eP 19 27.00 -0.2
0.7s 13.01nm 5.0mb
COL 86.37 20 eP 22 52.00 -1.3
YKA 98.75 28 eP 23 51.90 1.3
BOG 126.17 93 ePKP 29 23.00 7.3X
BNG 141.00 262 iPKPc 29 51.00 7.8X
1.0s 7.90nm
S.D. = 1.3 on 7 of 10 obs.

APR 30, 1985 04h 20m 32.91± 0.49s
44.588 N ± 4.1km 111.269 W ± 8.0km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.6 (NEIS) Felt (III) at West Yellowstone, Montana. Also felt in parts of Yellowstone National Park.

IMW 0.73 161 P 20 46.80 -0.7
TMI 1.36 200 P 20 57.80 -1.0
LRM 1.49 326 iPd 21 01.10 0.5
SXM 1.56 2 iPnc 21 02.00 0.4
HPI 1.58 237 P 21 02.10 0.2
BUT 1.69 328 ePn 21 04.20 0.8
ePg 21 05.40
eSn 21 26.90
eSg 21 28.10
HRY 2 16 350 ePn 21 10.10 -0.1
BDW 2.19 145 P 21 11.20 0.5
DAU 4.17 180 P 21 40.00 1.1
CLX 4.50 325 eP 21 43.40 -0.1
eS 22 54.00
LHD 4.72 323 eP 21 46.40 -0.1
eS 23 02.70
LDM 4.77 326 iPd 21 46.70 -0.5
iS 23 03.00
RXF 5.03 330 eP 21 50.40 -0.5
eS 23 10.70
MFW 5.21 287 P 21 54.60 1.2
YKM 5.25 326 eP 21 53.70 -0.4
eS 23 18.70
NEW 5.47 314 eP 21 56.00 -1.0
eLg 23 26.00
BMN 6.05 229 P 22 10.50 5.2X
EUR 6.18 216 iP 22 13.00 5.7X
0.2s 0.56nm 4.0mb X
EDM 8.75 352 eP 23 04.50 21.5X
S.D. = 0.7 on 16 of 19 obs.

APR 30, 1985 04h 33m 25.66± 0.44s
11.170 N ± 5.5km 62.344 W ± 5.7km
DEPTH = 129.9 ± 4.2 km
4.5mb (12 obs.)
WINDWARD ISLANDS '(95)
Felt (III) on Trinidad.

TCE 0.75 129 P 33 45.20 -1.4
TRN 1.06 119 iPc 33 48.88 -0.5
TPP 1.22 134 P 33 51.00 0.0
GNG 1.52 90 P 33 53.00 -1.3
SVB 2.35 27 P 34 04.20 -0.2
SLB 2.93 26 P 34 12.10 0.0
GUV 3.42 193 iPnd 34 32.60 14.1X
0.3s 511.30nm
BIM 3.55 20 ePc 34 20.30 0.0
S 35 02.10
MVM 3 65 23 ePc 34 21.73 0.2
S 35 04.80
FDF 3.73 18 iPc 34 22.78 0.1
S 35 07.00
MDN 4.22 12 eP 34 28.50 -0.7
S 35 17.00
CAR 4.55 262 ePn 34 35.60 1.8
MGG 4.82 12 eP 34 28.50 -8.9X
PAG 4.87 8 eP 34 29.00 -9.1X
S 35 39.00
SEG 5.26 9 eP 34 44.00 0.7
BPA 5.86 5 eP 34 52.00 0.5
ANG 5.97 5 P 34 55.00 2.0
TOV 7.45 260 ePn 35 15.20 2.0
SJG 7.82 332 eP 35 21.00 2.8X
SDV 8.47 255 ePn 35 26.60 -0.5
LGN 8.83 264 ePn 35 43.00 11.3X
0.6s 250.00nm
BMG 11.35 250 eP 35 46.00 -19.2X
BOG 13.30 242 eP 36 35.00 4.0X
GCM 20.05 296 iP 37 52.30 1.5
LPB 28.11 192 Pc 39 07.80 0.0
(Lg) 46 05.00
JCT 39.68 305 iP 40 46.80 0.1
0.6s 16.67nm 5.0mb
LTX 42.50 301 eP 41 10.00 0.1
0.9s 4.27nm 4.2mb
SCH 43.68 356 eP 41 19.00 0.0
MDZ 44.24 188 eP 41 24.00 0.2
ALQ 46.49 308 eP 41 41.70 -0.1
0.8s 5.78nm 4.3mb
epP 42 14.00 142kmX
RMU 50.63 309 P 42 14.10 0.4
BDW 51.62 316 eP 42 19.80 -1.4
1.0s 2.40nm 4.0mb
FRB 52.68 357 eP 42 27.00 -1.4
EDM 58.33 327 ePc 43 07.00 -2.2
NEW 58.57 320 eP 43 09.00 -2.0
EPF 62.54 47 eP 43 39.50 1.6
0.6s 2.10nm 4.3mb
LPF 62.68 42 eP 43 39.30 0.6
GRR 62.89 41 eP 43 40.80 0.8
LFF 63.19 45 eP 43 42.90 0.8
FLN 63.22 41 eP 43 42.90 0.7
0.6s 3.60nm 4.5mb
YKC 63.24 336 eP 43 40.00 -2.1
YKA 63.30 336 eP 43 40 10 -2.4
LPO 63.46 46 eP 43 44.30 0.4
0.6s 4 30nm 4 6mb
CAF 64.11 45 eP 43 48.90 0.7
LOR 65.76 43 eP 43 58.30 -0.4
MBC 71.65 348 eP 44 33.00 -1.5
0.5s 6.00nm 4.6mb
NB2 72.34 29 P 44 40.10 1 2
0.7s 4.50nm 4.3mb
INK 72.75 338 eP 44 39.00 -2.0
NUR 78.89 30 iP 45 16.10 0.4
0.6s 11.70nm 4.8mb
Z 20s 0.30um 4.6Msz
KEV 79.38 21 eP 45 18.00 -0.2
SOD 79.38 23 iP 45 18.70 0.4
SUF 79.47 28 iP 45 19.50 0.7
KJF 80.06 26 iP 45 22.80 0.9
0.7s 22.70nm 5.1mb
BNG 80.23 87 iPd 45 25.80 1.9
1.0s 7.90nm 4.4mb
CTA 151.11 249 iPKPc 53 04.90 5.4X
0.6s 22.33nm
WB2 161.72 239 ePKP 53 12.50 -0.2
WRA 161.73 239 PKPd 53 12.80 0.1
0.6s 3.10nm
S.D. = 1.2 on 49 of 57 obs.

• APR 30, 1985 05h 38m 20.27± 0.83s
66.275 N ± 9.0km 150.042 W ± 9.0km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.5 (PMR).

IMA 1.49 264 iPc 38 48.00 0.8
COL 1.67 145 eP 38 48.00 -1 6
e 38 51.00
eS 39 11.00
FBA 1.67 145 eP 38 50.70 1.1
TTA 4.23 220 eP 39 25.10 -1.2
TOA 4.52 156 eP 39 31.50 1.2
PME 4.69 174 eP 39 35.60 2.9X
BRW 5.60 337 eP 39 45.50 -0.1
INK 6.71 65 eP 40 01.00 -0.2
S.D. = 1.4 on 7 of 8 obs.

APR 30, 1985 05h 51m 11.84± 0.23s
0.630 S ± 3.8km 133.488 E ± 4.8km
DEPTH = 33.0km (normal)
5.2mb (11 obs.) 4.3Msz (2 obs)
WEST IRIAN REGION (196)

AAI 6.10 240 ePd 52 42.60 0 5
DAV 11.00 314 eP 53 52.00 1.9
eS 55 54.00
MTN 12.36 191 eP 54 04.00 -4 4X
0.4s 156.00nm 6 5mb X
eS 56 17.00
KUPT 13.64 226 eP 54 26.00 0.6
MKS 14.72 252 iPd 54 43.50 3.9X
KNA 15.73 197 iPd 54 49.50 -3.2X
0.7s 286.00nm 5.6mb
eS 57 35.00
KVG 17.41 97 eP 55 14.00 0.1
GUA 18.07 38 e(P) 55 24.20 2.1
1.0s 136.00nm 5.0mb
PJG 18.08 38 e(P) 55 16.50 -5 7X
RAB 19.00 101 eP 55 34.00 0.5
WRA 19.21 178 Pc 55 32.10 -4 0X
0.7s 22.90nm 4.5mb
WB2 19.21 178 eP 55 32.80 -3.3X
eS 58 59.00
OCP 19.52 321 eP 55 21.00 -18.6X
ISO 20.82 164 eP 55 50.00 -3.3X
BAG 21.19 324 eP 55 57.50 0 3
eS 59 56.00
TRT 21.94 251 ePc 56 05.50 1.0
PIP 22.69 327 iPd 56 11 00 -0 9
ASPA 22.90 179 eP 56 13 00 -1 0
e 00 20.00
e 03 06 00
CTA 23.02 148 iPd 56 16 40 ' 2
0.8s 16.04nm 4 6mb
iS 00 19 00
MBL 24.37 212 eP 56 29.00 0 7
NAU 27.94 218 eP 57 02.00 0 6
ANP 28.16 337 e(P) 57 11.00 7 6X
HKC 29.57 322 eP 57 25.00 9.0X
QIZ 30.34 311 eP 57 22.00 -1.0
STK 32.01 167 eP 57 35.00 -2.5
MRWA 32.97 209 eP 57 45.00 -0 8
PPI 33.09 270 eP 57 46.50 -0.6
SSE 33.65 341 Pd 57 52.00 0.3
1.0s 44.00nm 5.3mb

30d 05h

			PP	59 06.00		
			PPP	59 23.00		
			S	03 15.00		
			sS	03 32.00		
KLB	34.20	204	iPd	57 56.20	-0.3	
ADE	34.51	172	eP	58 00.60	1.4	
SHK	34.99	359	eP	58 01.00	-2.2	
MUN	35.19	206	eP	58 05.00	0.0	
NJ2	35.33	338	Pc	58 06.50	0.3	
			S	03 40 00		
NWAO	35.58	204	eP	58 08.00	-0.3	
WHN	35.95	331	P	58 13.00	1.6	
LOE	36.05	301	eP	58 12.50	0.0	
NST	36.71	298	eP	58 18.00	0.0	
MAT	37.24	6	eP	58 20.00	-2.2	
	1.0s	18.00nm		4.9mb		
Z	20s	0.89um		4.6Msz		
			eS	04 12.00		
GYA	37.33	318	P	58 24.20	0.9	
WAM	38.16	160	eP	58 29.20	-0.8	
CHTO	39.04	301	eP	58 37.00	-0.6	
	1.5s	50.68nm		5.1mb		
Z	20s	0.22um		4.0Msz		
KMI	39.25	313	eP	58 40.00	0.5	
TIA	39.69	339	Pd	58 43.20	0.5	
			i	01 34.00		
XAN	41.49	329	eP	58 56.80	-0.8	
CD2	42.21	321	eP	59 03.90	0.4	
TIY	42.82	335	Pc	59 09.00	0.5	
SNY	43.20	349	iPc	59 11.10	-0.3	
			pP	59 17.00	20kmX	
BJI	43.46	341	eP	59 13.50	0.0	
			eS	05 42.00		
			esS	06 04.00		
CN2	44 82	352	eP	59 22.20	-2.3	
			PcP	01 06.00		
			PP	01 13.50		
			eScS	09 18.00		
MDJ	45.18	356	eP	59 27.20	-0.2	
LZH	45.77	326	eP	59 33.00	0 6	
	2.0s	113.00nm		5 4mb		
HHC	45.85	337	Pc	59 33.50	0.7	
BTO	46.26	335	eP	59 36.00	-0.1	
			eS	06 25.00		
SHL	47.88	306	iP	59 48.60	-0.7	
GTA	50.37	326	P	00 08.60	0.5	
			PcP	01 27.40		
			eS	07 21.00		
LSA	50.38	310	P	00 09.50	0.8	
			S	07 22.00		
MSZ	53.41	150	P	00 31.00	0.4	
PKI	53.98	305	iP	00 39.00	3.4X	
KKN	54.17	305	iP	00 37.64	0.8	
DMN	54.25	305	iP	00 37.20	-0.2	
KOD	56.76	283	eP	00 54.00	-1.9	
HYB	56.96	291	eP	00 55.50	-1.4	
	1.0s	34.00nm		5.3mb		
GBA	57 29	287	P	00 57.30	-1.9	
WMQ	60.19	323	Pc	01 19.10	0.1	
			PP	03 32.40		
			eS	09 32.60		
GUE	70 17	302	eP	02 24.00	0.1	
MHI	77 51	307	iPc	03 07.00	0.7	
SBA	79.18	173	eP	03 14.90	0.4	
			e	31 32.00		
TTA	81.77	26	eP	03 29.20	0 6	
KDC	82.05	31	eP	03 30.60	0.6	
IMA	83.66	23	eP	03 39.10	0.7	
BRW	84.19	18	eP	03 41.70	0.9	
IR2	84.34	306	eP	03 44.00	1 6	
PME	84 61	28	eP	03 31.00	-12.0X	
	1.2s	31.30nm				
AVY	85.78	251	ePd	03 50.90	0.9	
COL	85.78	25	eP	03 48.00	-0.9	
FBA	85.78	25	eP	03 48.40	-0.5	
	1.4s	32.00nm		5 4mb		
SPA	89.37	180	e(P)	04 07.00	0.6	
INK	91.70	22	ePd	04 15.60	-1.3	
MBC	94.66	13	eP	04 29.00	-1.4	
SUF	98.45	334	eP	04 47.00	-0.8	
	0.9s	6.80nm		5.2mb		
YKA	100.54	26	ePdiff	04 58.00	0.8	
YKC	100.60	26	ePdiff	04 58.00	0.5	
TCA	143.87	153	ePKPc	10 45.00	-1.2	
UPA	146.10	75	ePKP	10 52.50	2 2X	
SLA	148 80	145	ePKP	11 00.00	5.4X	
PSO	149 19	89	ePKP	10 56.50	0.7	

ARE	150.07	126	iPKPd	11 03.50	6.6X	
YJA	150.73	142	ePKPd	11 01.00	3.0X	
BOG	152.20	81	ePKP	11 07.00	6.8X	
LPB	152.72	130	ePKP	11 08.10	7.2X	
SJG	154.04	47	ePKP	10 57.00	-5.2X	
			i	11 14.70		
	S.D. = 1.0	on	72 of	91 obs.		
%	APR 30, 1985	06h	58m	38.03±	0.67s	
	40.113 N ± 6.6km		29.365 E ±	5.8km		
	DEPTH = 10.0km	(geophysicist)				
TURKEY					(366)	
GPA	0.74	76	iPg	58 52.00	-0.6	
DST	0.76	228	iPg	58 52.50	-0.4	
			iSg	59 02.50		
KCT	0.78	280	ePg	58 53.80	0.5	
			iSg	59 02.80		
ISK	0.98	346	iPn	58 56.80	0.2	
EDC	1.17	282	iPn	58 59.20	-0.7	
ALT	1.20	151	iPn	59 01.20	0.7	
DMK	2.10	325	iPn	59 14.10	0.5	
	S.D. = 0.7	on	7 of	7 obs.		
	APR 30, 1985	08h	07m	23.42±	0.58s	
	30.251 N ± 6.9km		138.480 E ±	9.8km		
	DEPTH = 428.3 ±	5.8 km				
	4.4mb (9 obs.)					
SOUTH OF HONSHU, JAPAN					(211)	
KYS	5.13	15	eP	08 48.70	0.0	
OYM	5.19	7	eP	08 49.90	0.5	
SRY	5.38	7	eP	08 51.30	0.0	
DDR	5.76	6	eP	08 55.90	0.5	
TSK	6.10	13	eP	08 57.10	-1.7	
MAT	6.28	358	iPc	09 01.50	0.7	
	0.6s	30.00nm		4.6mb		
			iS	10 16.20		
PKI	46.19	280	iP	15 10.30	0.3	
	0.5s	5.00nm		4.2mb		
KKN	46.24	281	iP	15 10.60	0.4	
	0.4s	9.00nm		4.5mb		
DMN	46.44	281	iP	15 12.30	0.5	
	0.4s	9.00nm		4.5mb		
WB2	50.06	185	eP	15 38.70	-0.3	
ASPA	53.79	185	eP	16 06.00	-0.1	
MBL	54.17	202	iPd	16 09.00	0.1	
NAU	56.95	206	iPd	16 28.80	0.5	
INK	61.55	25	eP	16 58.00	-0.7	
MRWA	62.90	202	eP	17 07.00	-1.0	
KEV	68.92	340	iP	17 45.20	0.1	
YKA	70.91	28	eP	17 57.40	0.4	
YKC	70.97	28	eP	17 57.00	-0.4	
SUF	72.94	334	iP	18 08.50	-0.3	
	0.5s	5.50nm		4.4mb		
NUR	74.77	332	eP	18 18.00	-1.2	
HFS	79.23	335	eP	18 43.10	-0.3	
	0.8s	9.60nm		4.5mb		
NB2	79.46	337	P	18 44.40	-0.3	
	0.5s	2.60nm		4.2mb		
FFC	80.75	31	eP	18 52.00	0.6	
	0.7s	3.00nm		4.1mb		
LRM	80.76	42	eP	18 53.20	1.2	
FRB	83.91	12	eP	19 07.00	-0.3	
ALQ	90.88	48	eP	19 42.20	0.9	
	0.9s	2.52nm		4.1mb		
	S.D. = 0.7	on	26 of	26 obs.		
	5.3mb (47 obs.)					
SOUTHWESTERN RYUKYU ISLANDS					(246)	
	Felt (II JMA) on Miyoko-jima.					
MYK	0.03	320	iPc	45 36.60	-1.6	
			iS	45 42.00		
ISI	1.12	248	iPd	45 50.20	1.4	
			iS	46 05.60		
KMJ	2.07	41	eP	46 02.00	-0.1	
			S	46 25.30		
NAH	2.59	56	eP	46 17.00	7.6X	
			S	46 45.70		
NGO	3.02	52	eP	46 24 00	8.4X	
			S	46 53.80		
TWC	3.14	268	iPc	46 17.90	0.6	
			eS	47 03.00		

TWZ	3.40	276	iPd	46 22.50	1.6	
			eS	47 10.10		
TWD	3.45	259	iPd	46 21.00	-0.6	
ANP	3.46	278	eP	46 26.00	4.1X	
TATO	3.47	274	iP	46 23.50	1.6	
			iS	47 10.50		
TWF1	3.92	250	iPc	46 26.00	-2.3	
TWG	4.33	244	iPc	46 31.50	-2.5	
QZH	6.10	273	eP	46 58.80	0.0	
			eS	48 05.00		
SSE	7.28	331	iPc	47 13.60	-1.7	
	1.6s	44.00nm		4.9mb		
			i	47 24.00		
			i	48 44.00		
			Lg	59 16.00		
			e	59 28.00		
NJ2	9.21	323	eP	47 38.60	-3.4X	
			S	49 11.00		
BAG	9.41	209	eP	47 44.50	-0.4	
GZH	11.07	264	P	48 06.70	-0.6	
WHN	11.28	303	iPd	48 10.50	0.3	
TIA	13.40	330	Pd	48 40.50	2.2	
			eS	51 11.50		
OYM	16.06	45	eP	49 15.40	2.7	
MAT	16.14	40	iPc	49 14.90	1.1	
	1.0s	58.00nm		4.7mb		
			eS	52 20.00		
SRY	16.19	45	eP	49 16.70	2.3	
DDR	16.38	44	eP	49 19.40	2.5	
GYA	16.90	280	P	49 24.20	0.8	
TIY	16.94	323	iPd	49 26.20	2.4	
			pP	49 37.50		
			sP	49 49.00		
XAN	16.99	307	P	49 26.00	1.6	
			pP	49 37.80		
BJI	17.05	335	eP	49 25.00	-0.1	
			eS	52 38.00		
SNY	17.08	356	iPc	49 25.80	0.4	
			pP	49 38.00		
			eS	52 34.00		
TSK	17.10	45	eP	49 23.90	-1.8	
DAV	17.58	179	eP	49 31.00	-0.8	
CN2	18.99	0	Pc	49 45.80	-3.1X	
			PP	50 05.00		
HHC	19.72	328	iPc	49 55.50	-1.5	
CD2	20.00	293	P	49 58.80	-1.0	
			epP	50 13.50	71kmX	
BTO	20.32	325	Pc	50 01.00	-2.1	
KMI	20.46	276	eP	50 05.00	0.1	
			S	54 03.00		
GUA	21.60	118	eP	50 15.40	-0.8	
LZH	21.62	306	eP	50 16.00	-0.5	
LOE	23.16	256	eP	50 32.50	1.0	
CHG	25.16	262	iPc	50 51.50	0.7	
	1.1s	22.15nm		4.6mb		
			eS	55 32.00		
BDT	25.64	258	eP	50 55.20	0.0	
	0.8s	41.50nm		5.0mb		
GTA	25.95	310	iPc	50 56.60	-1.6	
SHL	30.21	279	iP	51 36.80	-0.1	
PSI	33.59	233	eP	52 06.00	-0.2	
	1.0s	30.40nm		5.1mb		
PPI	34.79	228	ePd	52 17.50	1.0	
	0.8s	98.60nm		5.8mb		
PKI	35.81	283	iPd	52 25.80	0.3	
KKN	35.91	284	iPd	52 26.60	0.4	
WMQ	36.03	311	Pc	52 25.00	-1.9	
DMN	36.07	283	iPd	52 28.20	0.5	
	1.0s	115.00nm		5.8mb		
HYB	44.06	270	ePc	53 33.50	0.0	
WRA	45.30	168	Pd	53 42.90	-0.4	
	1.2s	13.10nm		4.7mb		
WB2	45.30	168	iPc	53 43.20	-0.1	
			i	53 50.70		
GBA	46.34	265	P	53 52.30	0.7	
KOD	47.61	261	eP	54 02.00	0.0	
ASPA	48.86	170	eP	54 11.00	-0.1	
			e	54 24.00		
QUE	51.58	290	eP	54 31.90	-0.3	
KLB	56.50	188	iPd	55 07.90	0.1	
MHI	56.87	298	iPc	55 11.30	0.6	
	0.7s	46.58nm		5.6mb		
NWAO	57.88	188	iPd	55 17.90	0.4	
KHI	57.90	296	iP+	55 17.80	-0.2	
YOU	62.67	159	eP	55 51.00	0.7	
			e	56 03.90		
BRW	62.90	21	eP	55 50.60	-0.7	

TTA 63.12 30 eP 55 52.20 -0.8
IR2 63.85 299 iPc 55 58.30 0.0
IMA 64.01 27 eP 55 57.90 -1.0
WAM 64.59 159 eP 56 04.60 1.8
i 56 16.90
KDC 65.31 36 eP 56 05.80 -1.4
PMR 66.46 31 P 56 13.20 -1.3
1.0s 42.00nm 5.4mb
PME 66.50 31 eP 56 13.10 -1.6
0.6s 20.70nm 5.3mb
COL 66 57 28 eP 56 14.00 -1.2
0.7s 25.00nm 5.3mb
FBA 66.57 28 eP 56 14.00 -1.2
0.6s 23.20nm 5.4mb
KEV 69.83 338 iP 56 34.00 -1.3
0.6s 15.60nm 5.1mb
SOD 70.67 336 iP 56 39.40 -1.1
KJF 71.22 333 iP 56 42.80 -1.0
0.7s 20.00nm 5.2mb
INK 71.28 23 ePc 56 42.70 -1.4
0.8s 63.00nm 5.6mb
MBC 71.86 13 iPc 56 46.10 -1.4
0.6s 31.00nm 5.4mb
SUF 72.36 331 iP 56 49.20 -1.4
0.6s 12.50nm 5.0mb
ALE 72.89 1 ePc 56 52.40 -1.1
0.5s 10.00nm 5.0mb
NUR 73.81 330 iP 56 59.00 -0.1
0.6s 22.10nm 5.3mb
Z 19s 7.00um 6.0Msz
SIT 74.46 34 eP 57 02.70 -0.2
DAG 76.36 352 iPd 57 11.50 -2.0
0.8s 23.88nm 5.2mb
HRI 76.51 301 eP 57 16.00 0.7
UPP 77.27 330 iP 57 17.90 -0.8
JER 77.48 299 eP 57 20.50 -0.1
CFR 77.61 314 iPc 57 27.00 6.1X
PRNI 78.16 298 eP 57 25.00 0.7
YLV 78.56 309 iP 57 26.20 -0.2
ALT 78.62 308 iP 57 26.70 -0.1
HFS 78.87 332 eP 57 26.50 -1.0
0.6s 24.50nm 5.3mb
Z 15s 0.62um 5.1MszX
LR 31 10.00
NB2 79 44 333 P 57 29.60 -1.1
0.8s 22.30nm 5.1mb
DIM 80.58 312 iPc 57 38.00 0.9
KRA 80.61 321 iPc 57 36.90 -0.2
0 7s 58.00nm 5.6mb
e 57 40.60
SPC 80 83 320 eP 57 39.00 0.5
YKA 80.95 24 eP 57 38.70 0.1
JOS 80 97 319 ePc 57 39.70 0.7
YKC 81 01 24 ePc 57 38.60 -0.3
0.7s 20.00nm 5.2mb
CLO 81.11 316 eP 57 40.00 0.2
VTS 81.94 313 iPc 57 45.00 0.8
KSP 82.28 323 iPc 57 46.20 0.4
0 8s 40.00nm 5.5mb
MUD 82 87 330 iPd 57 49.60 1.0
0 8s 100.00nm 5.9mb
VAY 82 93 312 iP 57 49.00 -0.3
PRU 83.68 323 Pc 57 53.50 0.5
1.4s 32.00nm 5.2mb
CLL 83 81 324 iPc 57 53.70 0.1
1.0s 40.00nm 5.4mb
i 58 08.90
OHR 84.21 313 eP 57 54.60 -1.4
KHC 84 66 322 iPc 57 58.50 0.5
1.0s 28.50nm 5.3mb
MOX 84 91 324 eP 57 59.00 -0.2
HOF 84 95 324 iPd 58 00.20 0.8
BHG 85 81 321 eP 58 04.30 0.6
0.9s 82.00nm 5.9mb
KBA 85 89 321 iPd 58 03.30 -1.1
0 9s 17.60nm 5.2mb
i 58 06.80
i 58 08.60
WIT 86 18 328 eP 58 07.50 2.1
e 58 31.00
GDH 86.26 360 iPc 58 04.50 -1.0
0.7s 24.66nm 5.5mb
PNT 86.40 36 eP 58 07.00 0.4
0 9s 8.00nm 4.9mb
FUR 86.47 322 iPd 58 08.30 1.3
0.8s 108.00nm 6.1mb
WTS 86.60 327 eP 58 08.00 0.5

0.8s 6.00nm 4.8mb
TNS 86.82 325 ePd 58 09.70 1.0
EDM 87.22 31 iPc 58 11.00 0.4
OGA 87.33 321 iPd 58 11.90 0.5
1.4s 74.00nm 5.7mb
CTI 87.43 320 eP 58 11.50 -0.3
ENN 87.79 326 eP 58 14.00 0.7
0.9s 60.00nm 5.8mb
e 58 41.50
BUH 87.84 324 eP 58 13.60 -0.1
MEM 87.84 326 P 58 14.00 0.5
OSS 87.93 321 eP+ 58 14.50 0.2
GWF 87.99 324 iPd 58 14.40 0.1
SAX 88.06 322 eP+ 58 15.00 0.0
SLE 88.23 323 eP+ 58 15.00 -0.5
SAL 88.33 320 eP 58 16.50 0.6
WLF 88.35 325 P 58 18.00 2.1
NEW 88.36 36 iPc 58 16.60 0.5
0.7s 12.00nm 5.2mb
VDL 88.43 322 eP+ 58 17.00 0.3
LLS 88.48 322 eP+ 58 16.70 -0.2
EKA 88.93 333 Pc 58 18.90 0.3
0.6s 3.70nm 4.9mb
MMK 89.53 322 eP+ 58 22.10 0.1
ORO 89.78 321 eP 58 22.30 -0.7
DIX 89.83 322 eP+ 58 23.50 0.1
EMS 90.10 322 eP+ 58 24.20 -0.4
SES 90.14 32 ePc 58 24.40 -0.1
FFC 91.06 25 iPc 58 28.50 -0.1
0.8s 20.00nm 5.6mb
FRB 91.12 6 eP 58 27.00 -1.6
pP 58 42.00 51kmX
SMF 91.43 324 eP 58 29.50 -1.0
LDF 92.20 327 eP 58 33.90 0.0
FLN 92.26 328 eP 58 33.90 -0.3
LRM 92.38 36 ePc 58 36.00 0.8
e 58 50.20
GRR 92.70 327 eP 58 36.30 0.1
BMN 92.93 43 eP 58 39.40 1.7
1.0s 7.00nm 5.0mb
LPF 93.03 327 eP 58 37.90 0.1
0.7s 8.90nm 5.3mb
CAF 93.49 323 eP 58 40.60 0.6
0.9s 6.50nm 5.1mb
RJF 93.54 324 eP 58 40.70 0.5
MFF 93.55 326 eP 58 40.10 -0.1
0.7s 4.40nm 5.0mb
LFF 94.19 324 eP 58 43.80 0.6
EUR 94.27 43 iP 58 44.90 0.9
0.3s 5.58nm 5.5mb
CLC 95.39 47 eP 58 49.00 0.0
SBB 95.89 48 eP 58 51.00 -0.3
e 59 05.00
BDW 95.93 37 eP 58 51.10 -0.5
1.0s 2.40nm 4.7mb
MWC 96.00 48 eP 58 52.00 0.0
e 59 09.00
GSC 96.21 47 eP 58 53.00 0.2
e 59 07.00
TPC 97.42 47 eP 58 58.00 -0.2
GLA 98.87 47 eP 59 06.00 1.3
KIC 122.38 296 ePKP 04 20.10 -0.2
BOG 145.24 35 ePKP 05 03.00 -0.4
LPB 165.03 59 PKPc 05 30.30 1.3
S.D. = 1.0 on 153 of 159 obs.

• APR 30, 1985 10h 03m 11.58± 1.43s
32.175 S ± 9.1km 71.581 W ±13.6km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)

JACH 0.98 121 iPd 03 27.90 -1.2
SAN 1.49 149 iPd 03 36.00 -0.4
TACH 1.57 160 iP 03 37.70 0.2
iS 03 57.20
FCH 1.58 137 iPc 03 37.50 -0.5
iS 03 55.00
LNV 1.78 175 iPc 03 41.10 0.6
iS 04 04 60
MDZ 2.41 108 eP 03 52.90 3.2X
i 03 59.70
iS 04 20.30
RTCB 2.46 75 iPd 03 52.20 1 8
S 04 20 30
ZON 2.55 77 eP 03 52.00 .0 5
RTCV 2.60 84 iPd 03 54.00 1.7

S 04 25.20
RTLL 2.78 73 iPd 03 56.00 1.2
S 04 28.00
CFA 2.90 80 eP 03 57.10 0.6
S 04 31.20
RFA 3.67 136 ePd 04 07.70 0.2
TCA 6.01 84 iPc 04 38.00 -2.7
S 05 39.40
CYA 6.23 55 e(P) 04 41.50 -2.2
SLA 9.15 37 ePd 05 28.60 .4.2X
ALO 74.37 331 eP 14 48.00 0 0
1.2s 3.91nm 4.3mb
S.D. = 1.4 on 14 of 16 obs

% APR 30, 1985 10h 04m 49.34± 0 82s
39.645 N ± 7.9km 29.389 E ± 6 7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.59 266 iPn 05 01.00 -0.3
ALT 0.81 136 iPn 05 05.70 0.5
YLV 0.92 359 iPn 05 08.10 1.1
GPA 0.96 47 ePn 05 06.40 -1.2
KCT 1.00 308 ePn 05 08.60 0.4
EDC 1.37 301 ePn 05 13.70 -0.7
ISK 1.44 350 ePn 05 15.60 0.2
S.D. = 0.9 on 7 of 7 obs.

% APR 30, 1985 10h 06m 20.42± 1.04s
39.572 N ± 9.9km 29.412 E ± 8.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.61 273 ePn 06 31.50 -1.2
ALT 0.75 133 ePn 06 35.70 0.6
YLV 0.99 358 iPn 06 39.60 0.3
GPA 0.99 44 ePn 06 38.40 -0.9
KCT 1.06 310 iPn 06 41.60 1.3
S.D. = 1.5 on 5 of 5 obs.

APR 30, 1985 11h 32m 31.75± 0.75s
42.206 N ± 8.9km 26.047 E ± 6.2km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

DIM 0.38 245 iPg 32 39.00 -0.5
Sg 32 45.00
JMB 0.48 57 iPgd 32 41.00 -0 4
Sg 32 48.00
KDZ 0.77 223 iPd 32 46.00 -0.7
iSg 33 00.00
PVL 1.14 326 iPd 32 53.00 -0.1
DMK 1.33 106 iPn 32 56.70 0.4
MMB 1.84 251 iPd 33 05.00 1 4
iS 33 34.00
VTS 2.14 282 iPc 32 51.00 -17 0X
iS 33 14.00
CLO 3.71 322 iPc 32 39.00 -51.3X
S.D. = 1.0 on 6 of 8 obs.

APR 30, 1985 11h 49m 53.00± 0.30s
45.414 N ± 3.6km 17.987 E ± 3.5km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.6 (KBA), 3.6 (TRI), 3.5
(TTG). Felt at Bosanki Brod,
Dakovo and Slavonski Brod.

ZAG 1.46 287 ePn 50 19.10 -0.3
iPg 50 21.10
eSn 50 40.80
iSg 50 41.60
BUD 2.19 19 e(Pn) 50 29.00 -1 0
SRO 2.41 5 ePn 50 37.40 4.3X
e(Sn) 51 14.50
eSg 51 33.00
SOP 2.48 337 iPnc 50 34.60 0.6
LJU 2.50 286 iPn 50 34.10 -0 3
ePb 50 40.80
eSn 51 12.60
CEY 2.52 279 ePn 50 35.20 0.5
iPb 50 40.40
iPg 50 44.60
iSn 51 11.40
iSb 51 14.60
iSg 51 19.50
BRY 2.54 171 ePn 50 35.50 0.4

30c 11h

		eSn	51	05.00		
PSZ	2.83	27 iPn	50	39.60	0.5	
ZST	2.85	348 iPn	50	40.20	0.9	
		e(Pg)	50	55.50		
		e(Sg)	51	36.20		
VOY	2.93	284 ePn	50	40.00	-0.6	
		iPb	50	47.00		
		i	50	49.90		
		iSn	51	19.10		
		i	51	26.20		
TRI	2.98	277 ePn	50	41.40	0.2	
		iPg	50	47.70		
		iPgPg	50	52.30		
		iSn	51	15.50		
		iSg	51	27.10		
HCY	2.99	173 ePn	50	41.00	-0.3	
		eSn	51	15.00		
VKA	3.07	339 i(Pg)	50	42.80	0.3	
		i(Sn)	51	21.80		
TTG	3.12	162 ePn	50	44.20	1.1	
		iSn	51	20.00		
CLO	3.42	94 ePc	50	47.00	-0.4	
JOS	3.54	29 ePnc	51	02.70	13.5X	
	0.5s	15.20nm				
ULC	3.57	165 ePn	50	50.50	0.9	
		eSn	51	31.50		
KBA	3.63	299 iPnc	50	50.20	-0.3	
		iSn	51	34.30		
		iSg	51	51.60		
CTI	4.48	280 ePn	51	01.50	-1.1	
SCE	4.65	293 iP	51	04.50	-0.6	
VTS	4.70	125 ePg	51	04.00	-1.5	
		iSg	51	19.00		
OHR	4.76	153 eP	51	21.50	14.9X	
KHC	4.78	323 Pn	51	08.00	1.2	
		Pg	51	15.00		
		Sn	52	03.50		
		Sg	52	16.50		
MNS	4.88	234 ePn	51	08.00	-0.2	
OGA	5.05	289 eP	51	10.80	0.0	
WET	5.10	319 eP	51	11.00	-0.3	
PRU	5.13	334 ePn	51	20.80	9.1X	
		Sn	52	12.30		
MLR	5.60	86 ePd	51	40.00	21.5X	
		e	55	20.00		
PVL	5.63	111 eP	51	18.00	-0.8	
MMB	5.66	130 iPd	51	20.00	0.8	
	S.D. = 0.8	on 25 of 30 obs.				

APR 30, 1985 11h 54m 58.91± 0.39s
0.741 S ± 5.1km 133.578 E ± 8.5km
DEPTH = 33.0km (normal)
5.0mb (5 obs.)
WEST IRIAN REGION (196)

AAI	6.12	241 ePd	56	30.00	0.5	
	0.8s	381.70nm			6.1mb X	
DAV	11.15	314 eP	57	40.00	0.9	
		eS	59	54.00		
MTN	12.27	191 iPc	57	52.20	-2.1	
	0.4s	81.00nm			6.2mb X	
MAP	14.56	319 iPd	58	24.00	-0.5	
KNA	15.65	197 eP	58	37.00	-1.8	
GUA	18.10	38 e(P)	59	08.20	-1.4	
WB2	19.10	178 eP	59	20.30	-1.5	
ISO	20.69	164 iPd	59	38.80	-0.2	
BAG	21.33	324 eP	59	44.00	-1.7	
		eS	03	46.00		
ASPA	22 79	179 eP	00	00.00	0.0	
CTA	22 88	148 iPd	00	03.90	3.0X	
	6.9s	18.91nm		4.6mb		
		iS	04	16.00		
MBL	24 33	213 eP	00	17.00	2.1	
MAU	27 31	218 eP	00	53.00	4.8X	
SSE	33 78	341 Pc	01	39.60	-0.3	
		e	07	04.00		
CHG	39 18	302 eP	02	25.50	-0.3	
KMI	39.39	313 eP	02	28.00	0.2	
XAN	41.63	329 eP	02	45.00	-0.8	
CD2	42.35	321 P	02	52.10	0.3	
BJI	43.59	341 eP	03	02.00	0.3	
GTA	50 52	326 P	03	56.50	0.2	
LSA	50.52	310 P	03	57.50	0.6	
MSZ	53 26	150 P	04	18.50	1.9	
PKI	54.12	305 eP	04	22.40	-1.3	
	0.8s	9.00nm			4.9mb	
KKN	54 31	305 eP	04	24.10	-0.9	
	0.9s	33.00nm			5.4mb	
DMN	54.38	305 eP	04	25.00	-0.5	
	0.8s	33.00nm			5.4mb	
MNG	54.91	142 P	04	28.60	-0.3	
WMQ	60.33	323 P	05	07.50	0.4	
QUE	70.30	302 eP	06	12.00	0.2	
MHI	77.65	307 eP	06	55.00	0.8	
KHI	77.97	305 e(P)	06	57.00	0.9	
SBA	79.06	173 eP	07	02.30	1.4	
COL	85.84	25 eP	07	36.00	-0.3	
SPA	89.26	180 eP	07	54.90	2.0	
	0.9s	6.82nm			5.0mb	
INK	91.77	22 eP	08	04.00	-0.3	
YKA	100.60	26 ePdiff	08	45.70	1.2	
YJA	150.59	142 ePKPd	14	48.20	3.4X	
LPB	152.58	130 ePKP	14	59.00	11.2X	
	S.D. = 1.1	on 33 of 37 obs.				

• APR 30, 1985 12h 05m 04.87± 0.67s
31.549 N ±11.2km 49.852 E ± 8.8km
DEPTH = 33.0km (normal)
4.5mb (6 obs.)
WESTERN IRAN (347)

SHI	2.99	129 iP	05	57.00	5.8X	
KER	3.63	321 eP	06	15.00	14.8X	
IR2	4.19	12 iPc	06	09.00	0.8	
		eS	07	16.00		
TEH	4.37	17 eP	06	14.00	3.2X	
BHD	4.93	292 eP	06	42.00	23.4X	
		e	07	16.50		
		iS	07	57.50		
		i	09	27.00		
TAB	7.12	337 eP	07	20.00	30.5X	
MSL	7.36	313 eP	07	22.00	29.2X	
		i	08	03.50		
RTB	8.23	283 eP	07	10.00	5.1X	
		iS	08	33.50		
		i	09	52.00		
OHR	25.18	300 eP	10	35.10	6.3X	
KKN	30.93	88 eP	11	20.40	-0.8	
	0.6s	8.00nm			4.7mb	
PKI	31.10	88 eP	11	23.50	0.7	
KHC	32.36	313 eP	11	37.20	3.9X	
SUF	34.68	341 eP	11	54.00	0.8	
LBF	38.14	307 eP	12	22.10	-0.6	
SMF	38.20	307 eP	12	23.00	-0.1	
	0.6s	5.40nm			4.6mb	
SSF	38.47	307 eP	12	25.20	-0.2	
	0.8s	3.20nm			4.2mb	
AVF	38.55	307 eP	12	25.90	-0.1	
NB2	38.79	331 P	12	27.00	-0.9	
	0.8s	2.40nm			4.0mb	
BNG	39.89	234 ePd	12	38.20	0.7	
	1.0s	7.90nm			4.4mb	
KEV	40.36	348 eP	12	44.00	3.3X	
FLN	41.32	310 eP	12	50.00	1.1	
DAG	54.67	345 iPc	14	32.00	-0.4	
	0.8s	5.22nm			4.6mb	
KJC	56.71	256 eP	14	52.80	4.9X	
FRB	73.40	336 eP	16	34.00	-1.0	
YKA	85.46	353 eP	17	53.90	13.8X	
	S.D. = 0.8	on 13 of 25 obs.				

? APR 30, 1985 12h 48m 25.53± 7.60s
22.766 N ±68.8km 121.333 E ±65.1km
DEPTH = 33.0km (normal)
TAIWAN REGION (243)

TWG	0.25	283 iPd	48	32.00	-0.6	
TWD	1.33	10 eP	48	47.80	-0.1	
TWC	1.89	14 eP	48	56.00	-0.1	
TATO	2.20	4 iP	49	01.50	1.0	
		eS	49	27.00		
TWZ	2.33	5 eP	49	02.00	-0.4	
ANP	2.41	4 eP	49	03.00	-0.6	
HKC	6.64	267 iP	50	03.50	0.2	
		i	50	09.60		
		iS	51	12.70		
	S.D. = 0.7	on 7 of 7 obs.				

APR 30, 1985 13h 08m 37.78± 0.85s
42.605 N ± 8.6km 24.177 E ± 6.3km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PLD	0.63	142 iPc	08	50.00	-0.5	
		iSg	08	58.00		
VTS	0.72	270 iPgd	08	51.00	-0.9	
		iS	09	00.00		
PVL	0.91	53 iPd	08	56.00	0.8	
MMB	1.07	198 iPgc	08	58.00	0.1	
		Sg	09	16.00		
KDZ	1.30	137 iPd	09	02.00	0.2	
		iSg	09	21.00		
VAY	1.76	224 ePn	09	09.60	1.2	
JMB	1.78	94 eP	09	08.00	-0.8	
	S.D. = 1.0	on 7 of 7 obs.				

• APR 30, 1985 13h 23m 31.29± 0.89s
45.403 N ± 9.2km 26.702 E ±10.0km
DEPTH = 33.0km (normal)
ROMANIA (358)

ISR	0.29	203 iPc	23	53.00	14.0X	
VRI	0.47	2 iPc	23	43.00	1.6	
MLR	0.54	280 iPc	23	43.00	0.4	
CFR	1.05	101 iPc	23	50.00	0.3	
CLI	1.22	19 iPc	23	50.00	-2.1	
TLB	1.25	130 iPd	23	53.00	0.5	
CGN	1.33	202 iPc	23	53.00	-0.7	
	S.D. = 1.6	on 6 of 7 obs.				

% APR 30, 1985 15h 14m 03.71± 0.84s
60.647 N ± 6.0km 6.022 E ± 8.5km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 1 6 (BER).

ASK	0.44	248 ePg	14	12.50	-0.2	
		iSg	14	17.80		
HYA	0.53	9 ePg	14	14.40	0.0	
		eSg	14	23.50		
SUE	0.74	304 ePg	14	18.20	0.0	
		iSg	14	27.50		
ODD	0.77	155 iPg	14	18.50	-0.3	
		iSg	14	28.40		
KMY	1.49	195 ePn	14	30.90	0.4	
		eSn	14	50.30		
	S.D. = 0.4	on 5 of 5 obs				

APR 30, 1985 15h 31m 31.73± 0.31s
16.070 S ±10.0km 173.160 W ± 8.0km
DEPTH = 33.0km (normal)
4.6mb (9 obs.)
TONGA ISLANDS (173)

NUE	4.29	135 P	32	35.80	-0.6	
		S	33	20.00		
NOU	20.22	249 iPc	36	05.50	-1.4	
WB2	49.91	257 eP	40	24.50	-0.1	
ASPA	50.13	252 eP	40	26.00	-0.2	
SBA	62.61	185 eP	41	59.80	5.2X	
MBL	63.30	254 iPd	42	00.20	0.1	
JAS1	73.03	41 eP	43	00.50	0.1	
WDC	73.36	38 iPd	43	02.40	0.2	
SPA	74.03	180 e(P)	43	16.20	10.2X	
MNA	74.77	42 iPd	43	11.00	0.4	
BMN	76.51	41 eP	43	20.00	-0.5	
	1.1s	8.12nm			4.7mb	
EUR	76.76	42 iP	43	21.80	-0.3	
	1.0s	7.31nm			4.7mb	
RMU	78.84	46 eP	43	34.00	0.6	
PMR	79.73	11 P	43	36.00	-1.5	
	1.0s	9.00nm			4.7mb	
PNT	80.45	32 eP	43	41.00	-0.7	
LTX	80.79	56 eP	43	44.20	0.2	
	1.1s	4.24nm			4.4mb	
ALQ	81.05	50 eP	43	44.70	-0.7	
	1.2s	13.67nm			4.8mb	
NEW	81.13	34 P	43	44.50	-0.8	
	1.0s	4.00nm			4.4mb	
LRM	82.40	38 eP	43	52.20	0.0	
BDW	82.61	42 iP	43	53.00	-0.3	
	1.0s	6.20nm			4.6mb	
COL	83.01	11 iPc	43	53.80	-0.8	
	0.9s	26.89nm			5.3mb	
GOL	83.95	46 eP	44	00.50	0.2	
	1.0s	4.50nm			4.6mb	
SES	85.62	35 ePd	44	08.00	-0.1	
RSSD	86.79	42 eP	44	14.30	0.0	
INK	88.85	14 ePd	44	23.00	-0.3	
YKA	90.62	23 eP	44	32.10	0.4	
YKC	90.66	23 eP	44	31.00	-0.9	

```
CLL    144.50 353 e(PKP)51 05.00  -1.3
SPC    145.20 345 ePKP  51 07.50  -0.3
MOX    145.30 355 ePKP  51 07.50  -0.2
         1.3s     24.00nm
ENN    145.38   1 ePKP  51 07.00  -0.8
         1.2s     21.00nm
MEM    145 54   1 PKP   51 08.30   0.3
PRU    145 60 351 ePKP  51 08.50   0.3
                  e     51 23.00
JOS    145.76 344 iPKPc 51 09.20   0.7
         1.0s     34.50nm
DOU    146.01   3 PKP   51 10.00   1.1
GRF    146.28 355 ePKP  51 11.00   1.6
WLF    146 49   1 iPKPc 51 11.50   1.9
MLR    146.57 335 ePKP  51 10.00  -0.1
KHC    146.57 352 PKPc  51 11.50   1.6
         1.4s     51.00nm
                  e     51 22.10
LDF    147.07   9 ePKP  51 12.20   1.6
BUH    147.46 358 ePKP  51 14.20   2.9X
LPF    147.47  10 ePKP  51 13.70   2.4X
ECH    147.94 360 ePKP  51 15.40   3.3X
HAU    148.15   1 ePKP  51 16.00   3.6X
BSF    148.33   0 ePKP  51 16.30   3.5X
SLE    148.36 358 ePKP  51 11.50  -1.3
KBA    148.61 351 i(PKP)51 16.90   3.5X
         1.2s      8.30nm
                  i     51 20.40
GRC    148.71   5 iPKPc 51 17.80   4.5X
LOR    148.79   4 iPKPc 51 17.70   4.2X
SAX    148.84 357 ePKP  51 17.80   3.9X
SSF    148.97   4 iPKPc 51 18.20   4.5X
MFF    149.01   9 ePKP  51 17.90   4.1X
LBF    149.08   4 iPKPc 51 18.10   4.1X
AVF    149.23   5 ePKP  51 18.60   4.5X
LLS    149.24 357 ePKP  51 19.50   5.1X
OSS    149.35 356 ePKP  51 19.50   4.9X
SMF    149.41   4 ePKP  51 19.20   4.8X
BGF    149.42   5 ePKP  51 19.50   5.1X
LSF    149.58   7 ePKP  51 11.00  -3.7X
VDL    149.59 356 ePKP  51 20.10   5.1X
TCF    149.62   6 iPKPc 51 19.50   4.7X
MZF    149.73   6 iPKPc 51 20.00   5.1X
CTI    149.84 353 iPKPc 51 20.20   5.0X
DIX    150.08 359 ePKP  51 21.90   6.1X
EMS    150.09 360 ePKP  51 21.70   6.0X
RJF    150 51   8 ePKP  51 18.00   1.9
ORO    150.52 358 ePKP  51 21.50   5.3X
LPO    151.08   8 ePKP  51 23.10   6.1X
BRT    153.70 342 e(PKP)51 30.50   9.7X
      S.D. = 0.9  on  40 of  69 obs

%  APR  30, 1985  15h 56m 37.56± 0.87s
   60.284 N ± 5.4km    5.202 E ±10.9km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                  (535)
      DUR 2.1 (BER).

BER      0.12  31 iPg   56 40.30  -0.2
                iSg   56 42.10
ASK      0.20 359 iPg   56 41.80  -0.1
                iSg   56 45.20
SUE      0.81 345 ePn   56 53.20   0.1
                iPg   56 54.90
                iSn   57 05.00
                iSg   57 07.30
ODD      0.81 114 iPn+  56 53.20   0.0
                eSn   57 05.20
HYA      1.01  28 iPn   56 56.90   0.3
                iSn   57 11.30
KMY      1.08 179 iPn+  56 57.80   0.0
                iSn   57 12.70
      S.D. = 0.2  on   6 of   6 obs.

?  APR  30, 1985  17h 28m 57.96± 1.08s
   22.075 S ±30.8km  138.904 W ±37.8km
   DEPTH =   0.0km  (geophysicist)
   4.5mb (  7 obs.)
 TUAMOTU ARCHIPELAGO REGION       (631)

LTX     61.35  35 iP    39 19.00   0.8
         1.0s     2.40nm          4.3mb
JCT     64.35  37 eP    39 37.20  -0.8
         1.0s     9.00nm          5.0mb
ALQ     64.53  29 iP    39 40.00   0.7
         1.0s     2.25nm          4.4mb
BMN     65.38  18 iP    39 44.20  -0.4
         1.0s     3.00nm          4.5mb
GOL     68.97  27 eP    40 08.50   1.0
BDW     69.97  23 eP    40 15.00   1.5
         0.9s     1.37nm          4.1mb
NEW     72.69  15 eP    40 29.20  -0.3
RSSD    73.21  25 eP    40 32.30  -0.6
         1.0s     4.00nm          4.5mb
EDM     78.19  15 eP    41 00.00  -0 7
PMR     83.78 355 eP    41 30.20   0.3
YKA     86.47  11 eP    41 43.10  -0.3
YKC     86.48  11 ePd   41 43.00  -0.4
         0.8s    12.00nm          5.1mb
COL     86.96 356 eP    41 45.00  -0.7
GRF    143.75  33 ePKP  48 34.90  -1.7
         0.9s     8.00nm
PRU    145.18  30 PKPd  48 39.00   0.0
KHC    145.29  32 iPKPd 48 39.40   0.1
         1.1s    16.50nm
NDI    146.80 289 iPKP  48 44.00   1.6
KRA    147.49  26 iPKPc 48 46.20   3.4X
ZST    147.64  31 e(PKP)48 46.50   3.4X
      S.D. = 1.0  on  17 of  19 obs.

%  APR  30, 1985  17h 45m 05.68± 0.98s
   39.327 N ± 9.8km   29.110 E ± 8.6km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                           (366)

DST      0.47 307 iPn   45 13.30  -1.9
ALT      0.82 109 iPn   45 20.70  -1.0
KCT      1.09 328 iPn   45 26.30   0.2
YLV      1.25   9 iPn   45 30.30   1.2
BNT      1.38 319 iPn   45 31.30   0.4
EDC      1.40 317 ePn   45 31.70   0.5
IZM      1.71 238 iPn   45 37.10   1.3
KGT      1.79 310 ePn   45 36.00  -0.8
      S.D. = 1.3  on   8 of   8 obs.

   APR  30, 1985  18h 14m 12.71± 0.36s
   39.266 N ± 2.4km   22.810 E ± 1.7km
   DEPTH =  26.9 ±  2.6 km
   5.5mb ( 58 obs.)  5.5Msz ( 11 obs.)
 GREECE                           (364)
      DUR 5.5 (ULC), ML 5.3 (ATH).
      Seven buildings domoged in the
      Mognisio Province oreo. Felt
      strongly in centrol Greece.
      CENTROID, MOMENT TENSOR     (HRV)
      Dotо Used: GDSN
      L.P.B.: 13S, 27C
      Centroid Locotion:
      Origin Time          18:14:16.1 0.2
      Lot 39.06N 0.03 Lon  23.15E 0.06
      Dep  13.5 1.5 Holf-durotion  2.6
      Moment Tensor; Scole 10**24 D-CM
        Mrr=-3.18 0.07  Mtt= 3.54 0.09
        Mff=-0.36 0.07  Mrt=-0.39 0.21
        Mrf=-0.65 0.19  Mtf= 0.05 0.09
       Principol Axes:
        T  Vol=  3.57  Plg= 3  Azm=179
        N        -0.22      12       88
        P        -3.34      77      284
      Best Double Couple:Mo=3.5*10**24
       NP1:Strike=281 Dip=43 Slip= -72
       NP2:        77     50     -106

LIT      0.87 344 iPgc  14 28.70  -0.3
PAIG     0.94  45 iPgc  14 30.30   0.2
KZN      1.31 323 iPnc  14 36.50   1.1
                eSb   14 56.50
THE      1.37   5 iPbc  14 36.60   0.4
OUR      1.40  40 iPbc  14 37.20   0.6
ATH      1.47 151 iPn   14 37.00  -0.7
                ePg   14 38.00
                eSg   14 57.00
SOH      1.61  15 ePbc  14 41.00   1.3
GRG      1.72 350 iPbc  14 42.10   0.8
KNT      1.90   2 iPnc  14 45.10   1.3
SRS      1.94  18 iPnc  14 45.40   0.9
VLS      2.05 239 iPgc  14 48.80   2.7X
VAY      2.06 355 iPnc  14 47.40   1.2
                iSn   15 24.30
OHR      2.40 321 iPn   14 52.70   1.6
PRK      2.69  89 ePb   14 55.50   0 4
EZN      2.77  77 iPnd  14 55.70  -0 6
SKO      2.90 339 iPnc  14 59.00   1.0
                iPb   15 08.70
                iSn   15 52.50
KDZ      3.06  38 iPc   15 00.00  -0.4
                iS    15 38.00
PLD      3.18  26 iPd   15 04.00   1.9
                iSg   15 46.00
VTS      3.34   5 iPc   15 05.00   0.7
                iSg   15 59.00
DIM      3.49  36 eP    15 06.00  -0 5
IZM      3.58 103 iPn   15 08.10   0.2
KGT      3.66  70 ePn   15 06.00  -2 8X
ULC      3.82 316 ePn   15 13.00   1 8
                eSn   16 04.00
LCI      3.89 287 iPnd  15 11.50  -0 6
PVY      3.96 328 ePn   15 15.00   1 8
                eSn   16 07.00
EDC      4.04  73 iPn   15 14.80   0.5
BNT      4.08  73 iPn   15 14.30  -0.7
TTG      4.15 321 iPnd  15 17.50   1.7
                ePg   15 29.00
                eSn   16 11.00
PVL      4.27  24 iPc   15 18.00   0.5
BDV      4.27 316 ePn   15 19.00   1.5
                eSn   16 17.30
JMB      4.29  41 iPc   15 18.00   0.2
                Sg    16 31.00
KCT      4.39  75 ePn   15 19.00  -0.2
DST      4.52  84 iPn   15 21.50   0.3
DMK      4.55  54 iPn   15 21.30  -0.3
HCY      4.56 316 ePn   15 22.00   0.3
                eSn   16 22.00
NPS      4.58 150 ePn   15 21.50  -0.5
BRT      4.59 292 ePn   15 23.00   0.8
                eSn   16 03.00
CTT      4.70  65 iP    15 26.30   2.7X
PLE      4.81 329 ePn   15 28.50   3.3X
                eSn   16 38.00
YER      4.81 115 iP    15 24.60  -0.6
BRY      4.86 320 ePn   15 26.70   0.7
                eSn   16 30.00
ORI      4.97 281 ePn   15 28.50   1.0
ISK      5.11  67 iPn   15 29.30  -0.2
YLV      5.21  73 iP    15 30.30  -0.7
SRE      5.40   3 ePc   15 33.00  -0.5
CGN      5.45  25 ePd   15 34.00  -0.2
BUC1     5.62  24 iPc   15 36.00  -0.6
BUC      5.70  24 ePc   15 38.30   0.6
RCI      5.73 261 P     15 39.00   0.9
CLO      5.80 360 ePd   15 38.00  -1.2
GPA      5.87  78 iPn   15 38.50  -1.7
SGO      5.91 285 ePn   15 41.50   0.8
PSN      5.98  41 iPc   15 42.00   0 4
ELL      6.14 112 iP    15 46.80   2.6X
COZ      6.16  10 iPd   15 44.00  -0.4
CMP      6.22  15 iPd   15 17.00 -28.1X
BCK      6.37 104 ePn   15 48.00   0 6
ISR      6.49  24 iPd   15 50.00   1.1
TLB      6.59  35 ePc   15 50.00  -0.3
DEV      6.61   1 ePc   15 53.00   2 4X
MLR      6.64  19 iPd   15 51.00  -0 1
DUI      6.80 293 iPnd  15 53.00  -0.3
BRD      6.99  25 ePc   15 59.00   3 1X
CFR      7.12  32 ePc   15 57.00  -0 7
VRI      7.20  22 iPc   16 00.00   1 1
ODB      7.22  24 eP    16 02.00   2.9X
AQU      7.77 296 iPnc  16 07.00   0.0
                eSn   17 39.00
CLI      7.98  23 iPd   16 11.00   1.2
RDP      8.08 291 P     16 13.00   1.7
ERC      8.09 264 P     16 12.30   1.0
RMP      8.11 291 P     16 12.00   0.4
POI      8.17 297 P     16 12.70   0.3
MNS      8.29 295 ePn   16 12.00  -2.1
                eSn   17 30.50
BMR      8.42   3 ePc   16 21.00   5.2X
BUD      8.66 343 ePn   16 19.90   0 7
PSZ      8.90 347 ePn   16 22.10  -0 5
CEY      8.95 319 ePn   16 22.00  -1.2
                i     18 23.50
                eSn   19 02.20
LJU      9.11 321 iPn   16 23.20  -2 2
                iPg   16 43.60
                eSn   18 02 50
SRO      9.14 341 eP    16 27 00   : 2
      N  10s     19.20um
      E  10s     29.10um
                i     16 28 46
                e     19 02.00
```

30d 18h

				i(S)	19	21.00			ZUL		13.31	313	eP+	17	21.80	-0.5					e	20	34.00		
TRI		9.28	317	iPnd	16	24.50	-3.2X		PRNI		13.38	128	eP	17	21.00	-2.4		OGE		17.93	290	ePc	18	23.10	1.4
				iSn	18	09.50			SLE		13.40	314	eP+	17	21.60	-2.0		ESCF		18.00	290	ePc	18	23.05	0.5
				iS	19	13.40			HOF		13.48	329	eP	17	25.40	0.8		ATE		18.09	290	ePc	18	23.95	0.2
JOS		9.37	351	eP	16	30.20	1.2		EMS		13.51	305	eP+	17	25.50	0.4		ISSF		18.16	290	ePc	18	24.70	0.1
VOY		9.42	319	ePn	16	27.30	-2.5		STU		13.63	319	ePc	17	24.00	-2.5		ALI		18.17	275	iP+	18	24.00	-0.7
				i	16	36.40					0.5s		42.25nm			5.6mb X					iS	21	48.00		
				i	16	41.40			MOX		13.85	329	iP	17	30.50	1.2		MADF		18.18	290	ePc	18	24.30	-0.5
				eSn	18	10.00					1.4s		41.00nm			5.0mb		MFF		18.30	301	eP	18	25.70	-0.5
CSS		9.43	114	eP	16	35.50	5.6X			Z	12s		50.00um					BHD		18.38	102	eP	18	29.50	2.3
SOP		9.56	334	ePn	16	30.00	-1.6			N	12s		26.40um									e	20	35.00	
FIR		9.76	301	ePn	16	32.00	-2.4			E	14s		34.60um									e	21	55.00	
				iSn	18	18.00							eS	20	20.00							e	23	37.00	
ZST		9.83	337	iPc	16	35.60	0.3						e	20	30.00							e	25	15.50	
				i	16	51.50							e	21	20.00							e	27	06.00	
				e	19	54.00							e	21	55.00			TAB		18.40	86	iP-	18	29.00	1.4
SPC		10.09	350	eP	16	41.60	2.6X						e	23	00.00			LDF		18.91	307	eP	18	33.40	-0.2
				eS	18	45.70			CLL		13.86	334	eP	17	30.00	0.5		FLN		19.19	307	eP	18	36.20	-0.8
VKA		10.14	335	ePd	16	38.00	-1.6						i	17	38.70					1.1s		343.40nm			5.5mb
		4.0s	1552	.00nm			6.7mb X						eS	20	12.00			GRR		19.29	306	eP	18	36.40	-1.9
				id	16	43.40			BUH		14.08	317	eP	17	29.80	-2.6		LPF		19.30	305	eP	18	37.10	-1.2
				i	19	42.30			ROF		14.27	311	P	17	33.40	-1.5		LGR		19.39	288	iPd	18	39.00	-0.4
KBA		10.42	322	eP	16	40.70	-2.9X		BSF		14.41	312	eP	17	35.30	-1.6						iPP	18	58.00	
				iPPd	16	43.40			CDF		14.44	314	eP	17	34.70	-2.6						eS	22	20.00	
				i	16	55.20					1.1s		94.70nm			5.3mb		MUD		19.42	337	iP	18	39.70	0.1
				i	17	05.10			BRN		14.74	336	eP	17	45.00	4.0X						i	18	47.00	
				iPgPg	17	25.90			HAU		14.75	312	eP	17	40.00	-1.3		ALM		20.03	271	iPc	18	45.50	-0.8
				iSn	18	22.20			TNS		14.94	322	eP	17	42.80	-0.9				1.8s		10.80nm			3.9mb X
				i	19	01.60							e	17	51.70							iS	21	15.80	
				i	19	35.70			RTB		15.40	108	ePc	17	53.00	3.3X		KER		20.04	97	eP	18	46.00	-0.6
CTI		10.65	313	ePn	16	43.00	-3.6X						e	18	06.50			TAF		20.60	265	iPc	18	53.50	1.2
				iSn	18	36.50							e	18	20.00							i	19	06.00	
KMR		10.80	327	iP-	16	47.30	-1.2						eS	21	02.00							i	19	29.00	
				i	18	18.00							e	21	28.00			TOL		20.69	280	iP	18	53.50	0.3
				i	18	43.90							e	23	08.00					1.2s		23.00nm			4.4mb X
KRA		10.98	350	ePc	16	52.50	1.5		SMF		15.70	304	eP	17	51.80	-1.8						ipP	19	12.00	89kmX
	Z	14s		34.60um					LBF		15.74	305	eP	17	52.40	-1.8						isP	19	33.00	
	N	14s		23.10um					WLF		15.76	317	P	17	55.90	1.7						ePP	19	52.00	
	E	14s		43.50um									S	20	59.50			AFC		20.77	273	eP	18	54.10	-0.1
				i	16	54.40							e	21	36.00			CRT		20.83	273	iPd	18	55.00	0.3
				i	16	57.10			LOR		15.93	306	eP	17	55.20	-1.3		UPP		20.87	353	iPd	18	53.70	-1.1
				eS	19	02.00					1.0s		2.50nm			3.3mb X				1.0s		********nm			7.3mb X
CVF		11.05	292	eP	16	51.00	-1.1		BNS		16.04	322	eP	18	01.70	3.8X						iS	22	50.00	
SAL		11.06	309	ePn	16	50.00	-2.2						i	18	05.80			NUR		21.30	3	eP	18	59.00	-0.2
BHG		11.10	323	iPc	16	51.10	-1.6						eS	21	00.00					0.7s		85.40nm			5.3mb
SCE		11.22	317	iPc	16	52.40	-2.1		AVF		16.07	304	eP	17	56.80	-1.5			Z	16s		28.80um			5.8MszX
OGA		11.48	315	iPd	16	57.00	-1.1		SSF		16.07	305	eP	17	56.50	-1.8						i	19	03.20	
BHL		11.62	113	Pd	17	01.50	1.5		PLH		16.24	322	ePd	18	07.70	7.4X						eS	22	52.00	
				S	22	09.50			BGF		16.32	303	eP	17	59.40	-2.0						LR	28	20.00	
HLW		11.72	141	iPc	17	01.00	-0.2		MSL		16.33	94	ePc	18	04.50	2.9X		HFS		21.67	348	eP	19	01.80	-1.1
				iS	19	00.00							eS	21	17.00					0.8s		59.60nm			5.1mb
OSS		11.87	313	eP	17	02.20	-1.1						eLO	23	23.00				Z	12s		29.11um			5.9MszX
KHC		11.87	329	iP	17	01.50	-1.6		MZF		16.38	302	eP	18	01.40	-0.9						LR	27	45.00	
		1.0s		78.50nm			5.9mb X		CAF		16.39	297	eP	18	02.40	0.0		KONO		22.05	342	eP	19	06.70	-0.1
	Z	10s		27.70um			4.9MszX		MEM		16.39	319	P	18	05.00	2.7X		IR2		22.54	90	(P)	19	13.00	1.0
	N	10s		16.40um									e	18	12.90			NB2		22.96	345	P	19	15.30	-0.4
	E	10s		11.70um					GRC		16.43	306	iPc	18	02.50	-0.4				1.0s		122.60nm			5.4mb
				i	17	04.50							i	18	07.90			PRL		23.30	280	iPc	19	19.60	0.3
				e	19	40.00							iS	21	18.60			SUF		23.57	4	iP	19	22.20	0.6
HRI		12.02	116	eP	17	04.00	-1.4		ENN		16.53	320	iPd	18	06.80	2.7X				0.8s		45.30nm			5.0mb
WET		12.17	327	eP	17	06.10	-1.0				1.5s		292.00nm			5.2mb		EKA		23.64	321	Pd	19	22.10	-0.2
FUR		12.18	321	eP	17	06.50	-0.9						e	18	10.50					0.8s		211.50nm			5.7mb
PRU		12.22	334	eP	17	07.00	-0.8						eS	21	28.00			BER		23.81	338	iP	19	24.50	0.6
	N	13s		39.30um					TCF		16.65	302	eP	18	04.20	-1.5		STS		23.84	289	iPnc	19	25.50	1.1
				S	19	37.00			HAM		16.72	332	ePc	18	08.20	1.8		ECP		23.93	312	iPc	19	26.20	1.1
KSP		12.45	341	eP	17	10.00	-0.9		DOU		16.84	316	P-	18	08.40	0.5				1.4s		270.00nm			5.6mb
		1.1s		55.00nm			5.6mb X						e	18	16.90			PTO		24.00	285	iPd	19	27.40	1.5
JER		12.55	123	eP	17	10.00	-2.4						e	18	21.70							iS	23	25.00	
				eS	19	28.00							S	21	10.50			ETA		24.03	314	iPc	19	27.10	1.0
LLS		12.63	311	eP	17	13.80	0.3						PcP	22	55.40					2.0s		2400.00nm			6.4mb
SAX		12.64	314	eP	17	13.90	0.2		RJF		16.85	298	eP	18	08.80	0.6		ECB		24.23	312	iPc	19	28.80	0.7
ORO		12.65	305	ePn	17	10.50	-3.3X		WTS		16.90	324	eP	18	11.00	2.3				1.8s		680.00nm			5.9mb
				eSn	18	27.00					1.0s		42.00nm			4.5mb		FAR		24.26	274	P	19	31.00	2.5
MMK		12.85	307	eP	17	18.60	2.1						e	18	14.50			DLE		24.45	315	eP	19	31.20	1.1
FRF		12.87	295	eP	17	16.00	-0.5		LPO		16.95	296	eP	18	09.40	0.0				0.7s		190.00nm			5.8mb
LMR		12.91	294	eP	17	15.70	-1.4				1.4s		282.30nm			5.2mb		MTH		24.78	279	iPc	19	34.00	0.4
		1.3s		115.50nm			5.8mb X		LSF		17.09	301	eP	18	11.00	-0.2		DCN		24.87	314	eP	19	35.50	1.2
WAR		13.04	355	eP+	17	24.00	5.4X		EBR		17.16	282	eP	18	11.00	-1.0				1.0s		90.00nm			5.3mb
	Z	14s		32.00um									eS	21	24.00			DMU		24.89	316	eP	19	35.20	0.8
				e	18	25.00							e	21	36.00					2.0s		360.00nm			5.6mb
				e	19	48.00			LFF		17.31	296	eP	18	14.20	0.2		AVE		25.01	266	iP	19	37.00	1.2
				e	19	56.00					1.4s		196.80nm			5.0mb						i	19	53.00	
LRG		13.05	294	eP	17	17.80	-1.0		EPF		17.33	290	eP	18	13.70	-0.5						i	20	41.50	
		1.1s		114.40nm			5.9mb X		UCC		17 35	318	Pc+	18	18.00	3.6X		KJF		25.14	5	iP	19	36.80	0.1
DIX		13 21	306	eP+	17	21.50	0.2						S	21	34.00					0.7s		73.40nm			5.4mb
GRF		13.29	325	eP	17	20.20	-1.8		WIT		17.52	326	e(P)	18	24.00	7.5X						i	19	40.80	
	Z	17s		30.00um									e	18	41.00							eS	24	08.00	

VAL	26.12	310	eP	19	47.00	1.0		0.9s	67.23nm	5.8mb	TTA	78.15	359	P	26	11.50	0.9
			S	24	28.00		BFS	65.92	176	iPd	24	57.50	-1.0	PME	79.24	356	eP	26	17.10	0.6
SHI	26.22	102	eP	19	48.00	0.7		0.8s	102.99nm	6.0mb		0.8s	46.20nm	5.6mb
SOD	28.24	3	iP	20	04.60	-0.5	KMI	67.10	76	Pd	25	04.00	-2.3	PMR	79.28	356	P	26	17.00	0.3
MHI	29.02	84	iPd-	20	13.10	0.5				S	33	30.00			Z	20s	1.50um	5.3Msz
			eS	25	08.00					sS	34	00.00		TKL	79.32	307	P	26	18.00	0.5
KHI	29.05	89	eP	20	13.30	0.3	TIY	67.17	59	Pd	25	05.90	-0.6	PRM	79.46	305	eP	26	19.50	1.2
TRO	30.50	357	eP	20	27.00	1.7	MNT	67.23	311	eP	25	08.00	1.4	SVW	79.97	359	eP	26	22.10	1.6
KEV	30.63	3	iP	20	26.00	-0.4	CHTO	67.77	83	iP	25	09.00	-1.4	PNL	80.33	351	eP	26	23.50	1.0
	0.8s	26.40nm	5.1mb					1.0s	40.50nm	5.5mb	EDM	80.39	335	iPd	26	23.10	0.1
	Z 16s	21.10um	5.9MszX					Z 20s	0.76um	4.9Msz	RSCP	80.46	308	eP	26	24.30	0.6
		eS	25	32.00			BLF	68.09	177	iPc	25	12.70	0.5	PPI	80.68	98	eP	26	15.00	-10.0X
		LR	33	20.00				0.6s	42.86nm	5.7mb	ANP	80.78	65	eP	26	28.00	2.5
ARO	32.86	142	iPd	20	47.70	1.1	RSNY	68.30	310	iP	25	13.40	0.0	ELC	81.49	312	P	26	28.00	-1.0
AAE	33.33	150	eP	20	52.00	1.1		1.0s	65.00nm	5.7mb	FVM	81.70	313	eP	26	30.10	0.0
AKU	35.25	332	iPc	21	07.00	0.5		Z 20s	2.94um	5.5Msz		1.4s	87.50nm	5.6mb
	1.1s	86.08nm	5.6mb	BJI	68.35	56	eP	25	12.50	-1.2	SES	81.95	332	eP	26	31.00	-0.2
QUE	37.08	90	eP	21	22.00	-0.7				ePPP	29	32.00		SIT	82.28	348	eP	26	34.40	1.7
KIC	41.11	224	iP	21	55.50	-0.5				eS	34	16.00		CAR	83.24	278	eP	26	39.50	1.0
			S	28	07.20					eSKS	35	08.00		KDC	83.27	357	eP	26	39.00	1.3
DAG	41.66	347	iPc	21	59.80	0.0	SKLY	68.47	310	P	25	14.00	-0.4	MAT	83.94	47	iPd	26	41.30	-0.4
	0.4s	12.71nm	5.0mb	OTT	68.52	312	eP	25	16.00	1.3		1.5s	138.89nm	5 9mb
		i	22	15.00			PTN	68.55	310	P	25	15.00	0.1		Z 20s	2.66um	5.6Msz
		iS	31	26.00			BDT	68.73	85	eP	25	13.80	-2.5			eS	37	12.00	
NAI	42.34	159	eP	22	08.00	1.7		1.0s	55.20nm	5.6mb	OLY	84.03	312	P	26	43.00	0.9
	1.0s	40.00nm	5.1mb	GYA	69.28	72	Pd	25	19.00	-0.8	RSSD	84.14	325	eP	26	42.60	-0.2
NDI	45.73	86	iP	22	33.00	-0.4				S	34	25.00			2.0s	153.30nm	5.9mb
		iS	29	16.00			NST	70.53	85	iPd	25	26.00	-1.3	RXF	84.68	334	iPd	26	47.00	1.8
BOM	47.52	100	eP	22	40.00	-7.6X	LOE	70.74	83	eP	25	26.00	-2.6	YKM	84.88	334	iPd	26	46.60	0.3
		eS	29	38.00			TIA	71.12	58	eP	25	29.80	-1.0	DDR	84.89	47	eP	26	47.20	0.7
WMO	47.67	62	iPd	22	48.90	0.3				ePP	28	11.00		LDM	85.09	334	iPd	26	48.00	0.7
		pP	23	13.00	101kmX					eS	34	46.00		SRY	85.21	47	eP	26	48.10	0.1
		PP	24	44.00						ePS	35	21.00		CLX	85.24	333	ePd	26	48.70	0.5
		S	29	44.00			INK	71.30	351	ePd	25	30.50	-0.7	TSK	85.25	46	eP	26	47.90	-0.3
POO	48.53	100	iPc	22	57.00	1.5	CN2	71.83	48	iPd	25	34.00	-0.9	LHD	85.34	334	iPd	26	49.00	0.4
		iS	24	56.00						pP	25	59.00	97kmX	BAO	85.58	246	iP	26	52.10	2.0
GDH	49.13	333	iPc	22	59.80	0.3				PPP	30	03.00		RLO	85.58	314	eP	26	52.30	2.4
	0.7s	27.40nm	5.4mb							iS	34	54.00		BAG	85.63	73	eP	26	48.00	-2.5
	Z 22s	7.78um	5.7Msz							sS	35	28.00		SDN	85.72	2	eP	26	50.60	0.5
		e	24	52.00			SNY	71.92	51	iPd	25	34.40	-1.0	PNT	85.76	336	eP	26	51.00	0.5
		iS	30	05.00						S	34	55.00		NEW	85.87	334	eP	26	51.50	0.3
ALE	50.70	350	ePd	23	11.00	-0.4	GRM	72.30	177	eP	25	39.80	2.2	TOV	85.89	279	eP	26	54.50	2.8X
	0.7s	30.00nm	5.4mb					0.5s	25.35nm	5.5mb	TUL	86.19	314	ePd-	26	53.30	0.4
DMN	52.35	83	eP	23	24.20	-0.7		Z 24s	2.09um	5.3MszX		0.9s	70.80nm	5.9mb
KKN	52.39	83	eP	23	24.20	-0.9	DL2	72.46	54	Pd	25	37.50	-1.1		Z 20s	1.82um	5.5Msz
PKI	52.60	83	eP	23	25.80	-1.0	WHN	72.50	65	Pd	25	38.00	-1.0		N 23s	1.30um	
HYB	52.79	98	eP	23	27.00	-1.0	YKC	72.95	341	ePd	25	41.00	-0.1		E 19s	0.45um	
STJ	53.48	305	eP	23	32.00	-0.6		0.7s	14.00nm	5.1mb	LRM	86.27	330	ePd	26	54.10	0 6
	0.6s	102.00nm	6.0mb	YKA	72.97	341	eP	25	41.50	0.3	SDV	87.10	279	P	26	59.80	2.0
GBA	54.25	102	P	23	42.00	3.4X	RSNT	72.98	341	P	25	40.60	-0.6	BDW	87.63	327	eP	27	00.00	-0 1
LSA	55.94	77	P	23	52.00	0.6	MDJ	73.67	45	eP	25	46.20	0.6		1.5s	17.71nm	5 1mb
TET	56.03	167	eP	23	51.00	-0.4				pP	26	12.00	100kmX	GLD	88.12	323	eP	27	03.90	1 5
		epP	24	26.00	150kmX					PP	28	32.00			1.2s	42.42nm	5 6mb
KRI	56.16	172	iPd	23	51.00	-1.5				eS	35	10.00			Z 18s	1.38um	5 4Msz
FRB	56.19	328	ePd	23	51.00	-1.1				ScS	35	44.00		GOL	88.23	323	eP	27	03.20	0
	0.9s	53.00nm	5.6mb							PS	35	54.00			1.5s	18.87nm	5.2mb
MTD	56.35	170	iPd	23	53.00	-0.9	LHC	74.00	320	eP	25	48.00	0.6		Z 18s	1.82um	5.5Msz
KOD	56.41	105	eP	23	58.00	3.3X	ITR	74.10	244	eP	25	48.60	0.1	GMW	88.29	337	P	27	04.00	1 1
		eS	31	43.00				1.1s	48.60nm	5.4mb	VAO	89.87	240	e(P)	27	13.00	2.4
GTA	57.74	63	iPd	24	03.20	-0.4	NJ2	74.72	61	iPd	25	51.00	-0.9	DAU	90.30	327	P	27	13.00	0.1
SHL	58.60	81	iP	24	07.00	-2.9X				PP	28	41.00		JCT	92.47	313	iP	27	23.50	0.9
		iS	32	10.00						S	35	28.00			1.8s	79.55nm	5.8mb
SCH	58.85	317	ePd	24	10.00	-1.1	IMA	74.96	359	eP	25	54.00	1.1		Z 20s	1.77um	5.5Msz
BUL	59.34	174	iPd	24	14.00	-0.9	FFC	75.14	330	eP	25	53.00	-0.9	ALQ	92.54	320	eP	27	23.00	-0.1
WIN	61.74	186	iPc	24	25.50	-5.8X		1.4s	71.00nm	5.5mb		1.4s	14.53nm	5.2mb
	0.8s	29.85nm	5.5mb	BPA	75.36	280	eP	25	54.00	-1.8		Z 19s	2.52um	5.7Msz
LZH	62.12	65	Pd	24	33.50	-0.3	PAG	75.84	279	eP	26	00.00	1.4	BMN	92.69	331	eP	27	23.60	0.0
MBC	62.27	350	iPd	24	33.60	-0.5	COL	75.91	356	eP	25	59.00	0.9		2.0s	53.57nm	5.6mb
	0.6s	15.00nm	5.3mb	FBA	75.91	356	eP	25	58.70	0.6	RMU	92.93	325	eP	27	26.00	1.2
AVY	62.40	153	eP	24	35.10	-0.6		1.1s	39.10nm	5.3mb	EUR	93.02	329	iP	27	26.80	1.5
HNME	63.53	309	P	24	42.20	-0.6	QIZ	75.98	77	eP	25	58.50	-0.7		1.0s	8.08nm	5.1mb
BTO	64.06	58	iPd	24	46.00	-0.5	SOB1	76.15	246	ePd	26	01.10	0.8	WCN	94.62	332	P	27	32.00	-0.6
		PP	27	08.00				1.0s	60.70nm	5.6mb	LTX	95.49	315	eP	27	37.10	0.4
		eS	33	17.00						i	26	02.80			1.2s	11.59nm	5.2mb
MIM	64.63	309	eP	24	50.50	0.5				e	26	06.20			Z 20s	0.99um	5.3Msz
CD2	64.71	70	P	24	50.40	-0.4	NAV	76.41	307	P	26	01.70	0.2	JAS1	96.08	332	eP	27	40.20	1.1
		epP	25	16.00	102kmX		SSE	76.88	61	P-	26	03.00	-1.2	GLA	98.02	325	iP	27	49.10	1 1
		S	33	31.00				1.5s	55.00nm	5.4mb	WRA	118.80	93	PKP	33	01.00	0.6
SLR	64.86	175	iPd	24	51.60	-0.1		Z 16s	3.10um	5.7MszX		0.5s	1.40nm	
	0.4s	42.37nm	5.9mb					N 15s	1.30um		WB2	118.81	93	ePKP	32	59.70	-0 7
KSR	64.90	176	iPd	24	51.80	-0.2		E 14s	0.90um		ASPA	120.51	97	ePKP	33	03.00	-0 6
	0.8s	78.13nm	5.9mb							PP	28	59.00		SPA	129.08	180	e(PKP)	33	18.30	-0 6
HHC	64.94	57	Pd	25	03.00	10.8X				S	35	50.00		CAN	137.53	102	ePKP	33	40.60	4 8X
		eS	33	44.00			HKC	77.25	72	eP	26	07.00	0.7	WAM	137.76	103	iPKP	33	42.80	6.6X
BPI	65.28	175	eP	24	50.80	-3 6X	PSI	77.55	97	ePd	26	06.50	-1 6	SBA	138.50	169	e(PKP)	33	30.20	-6 1X
	0.8s	77.61nm	5.9mb	GFM	77.81	307	P	26	09.50	0.1	NOU	144.77	72	iPKPc	33	57.20	8.3X
EVA	65.69	174	eP	24	58.20	1.2	SJG	77.99	284	iPc	26	12.00	1.6		S.D. = 1.1 on 317 of 356 obs.					

30d 18h

* APR 30, 1985 18h 34m 47.66± 0.84s
25.258 S ±11.8km 71.208 W ±14.9km
DEPTH = 33.0km (normol)
4.2mb (2 obs.)
OFF COAST OF NORTHERN CHILE (121)

ANT	1.71	25	iP	35	16.00	0.5
SLA	5.21	95	ePd	36	12.80	7.3X
CYA	5.78	124	e(P)	36	15.00	1.5
YGA	6 06	61	eP	36	21.80	4 0X
TCA	8.41	138	ePc	36	44.90	-5.3X
SOB	32.94	66	eP	41	20.80	-0.7
	0.7s		1.90nm			4.1mb
			e	41	27.00	
ITR	35.24	68	eP	41	40.20	-1.2
	0.5s		1.70nm			4.2mb
SPA	64.89	180	e(P)	45	25.00	-0.9
KIC	71.78	74	eP	46	08.70	-0.5
YKC	93.98	341	eP	48	03.00	0.1
YKA	94.03	341	eP	48	04.70	1.5
WRA	128.66	211	PKPd	53	53.50	-0.3
	0.4s		0.80nm			
	S.D. = 1.1		on	9	of	12 obs.

APR 30, 1985 18h 36m 33.87± 0.75s
39.241 N ± 6.2km 22.916 E ± 6.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.1 (ATH).

PAIG	0.90	40	ePgc	36	52.10	0.9
			eSg	37	06.50	
LIT	0.92	339	ePgc	36	50.80	-0.7
			eSg	37	06.10	
OUR	1.37	37	ePb	36	58.90	0.0
			eSb	37	17.50	
KZN	1.38	321	ePg	37	00.00	0 8
ATH	1.41	153	ePn	36	59.50	-0.1
			eSg	37	18.50	
SOH	1.61	12	ePb	37	02.90	0.4
			eSb	37	24.00	
GRG	1 76	347	ePbc	37	04.50	-0.1
			eSb	37	28.90	
KNT	1.92	360	ePnc	37	06.70	-0.2
SRS	1.94	15	ePn	37	06.70	-0.6
VAY	2.09	353	iPn	37	09.00	-0.4
VLS	2.11	240	ePn	37	15.00	5.4X
MMB	2.43	15	e(P)	37	23.00	8.8X
OHR	2.47	320	ePn	37	15.00	0.1
SKO	2.95	338	e(Pn)	37	35.00	13.4X
KDZ	3.03	37	iP	37	22.00	-0.8
VTS	3.36	4	eP	37	28.00	0.6
DIM	3.46	35	eP	37	32.00	3.2X
	S.D. = 0.6		on	13	of	17 obs.

APR 30, 1985 18h 51m 18.41± 0.64s
39.272 N ± 5.8km 22.989 E ± 5.8km
DEPTH = 10.0km (geophysicist)
3.7mb (3 obs.)
GREECE (364)
ML 3.8 (ATH).

PAIG	0.84	39	iPgc	51	36.70	2.0
			eSg	51	50.40	
LIT	0.91	335	iPgc	51	35.50	-0.4
			eSg	51	50.30	
OUR	1.31	35	ePb	51	43.30	0.7
THE	1.36	359	ePbc	51	42.70	-0.6
KZN	1 40	318	ePn	51	44 00	0.0
ATH	1 42	156	ePb	51	43.50	-0.7
			eSb	52	02.00	
SOH	1 57	10	ePbc	51	47.40	0.9
KNT	1 89	358	ePnc	51	51.50	0.5
VAY	2 07	351	iPn	51	54.00	0.4
VLS	2.17	241	ePn	51	57.00	1.9
MMB	2.38	13	iPc	51	58.00	-0.1
OHR	2.49	318	iPn	52	00.10	0.5
PRK	2.55	90	ePn	52	00.50	0.1
SKO	2.94	337	ePn	52	06.00	-0.1
			i	52	19.00	
KDZ	2.97	37	iPd	52	06.00	-0.5
			iS	52	55.00	
PLD	3.12	24	eP	52	10.00	1.5
VTS	3.33	3	iP	52	12.00	0.5
DIM	3.40	35	eP	52	12.00	-0.6
JMB	4.20	39	eP	52	23.00	-0.8
			Sg	53	35.00	
CLO	5.80	359	eP	52	46.00	-0.5
MLR	6.59	18	iPc	52	57.50	-0.3
VRI	7.15	21	iPc	53	06.00	0.5
HFS	21.69	347	eP	56	07.40	-3.7X
	0.4s		1.20nm			3.7mb
NB2	22.99	345	P	56	21.80	-2.2
	0.4s		0.60nm			3.5mb
SUF	23.56	4	iP	56	28.20	-1.2
	0.9s		4.70nm			4.1mb
KJF	25.12	5	eP	56	43.00	-1.5
	S.D. = 1.0		on	25	of	26 obs.

? APR 30, 1985 19h 06m 42.52± 3.90s
28.061 S ±10.4km 21.386 E ±42.4km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

BFS	4.93	78	e(P)	07	59.20	0.0
KSR	5.38	67	e(P)	08	09.50	3.9X
BPI	6.21	74	eP	08	12.00	-5.3X
WIN	6.70	324	eP	08	02.50	-21.8X
GRM	6.88	141	eP	08	26.60	0.0
	0.7s		68.49nm			5.9mb X
	Z 24s		2.09um			5.7Msz
			e	08	31.00	
EVA	7.02	79	e(P)	08	24.00	-4.6X
			S	09	57.50	
BUL	10.28	41	iPn	09	14.00	0.1
			eSn	11	22.00	
			iLg	12	38.00	
KRI	13.51	36	iPn	10	06.00	8.4X
			eSn	12	50.00	
			iLg	14	30.00	
MTD	14 65	42	iPn	10	12.00	-0.5
			eSn	13	11.00	
			iLg	14	51.00	
TET	16.36	46	e(P)	10	35.00	0.4
			e	14	06.00	
			eLg	15	36.00	
	S.D. = 0.5		on	5	of	10 obs.

APR 30, 1985 19h 14m 50.63± 0.87s
39.286 N ± 8.6km 22.809 E ± 8.0km
DEPTH = 13.6 ± 5.4 km
GREECE (364)

LIT	0.85	343	ePg	15	06.60	-0.1
			eSg	15	22.00	
PAIG	0.93	46	ePgc	15	08.30	0.3
			eSg	15	22.20	
KZN	1.30	322	ePn	15	15.00	0.7
OUR	1.38	40	ePb	15	15.00	-0.4
ATH	1.49	151	ePg	15	17.00	0.0
			eSb	15	34.50	
SOH	1.59	15	ePb	15	18.80	0.3
KNT	1.87	2	ePnc	15	22.60	0.0
VAY	2.04	355	ePn	15	24.60	-0.3
OHR	2.39	320	ePn	15	29.50	-0.5
	S.D. = 0.5		on	9	of	9 obs.

? APR 30, 1985 19h 39m 59.45±11.03s
43.589 N ±22.8km 18.062 E ±96.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

SKO	2.97	122	ePn	40	45.50	-1.9
			iSn	41	03.00	
OHR	3.20	140	ePn	40	51.00	0.2
CLO	3.71	65	iPd	40	58.00	0.0
VAY	4.03	123	ePn	41	03.50	1.0
MMB	4.64	114	iPd	41	12.00	0.8
PVL	5.20	92	eP	41	10.00	-9.1X
KDZ	5.72	107	iP	42	02.00	35.5X
	S.D. = 1.6		on	5	of	7 obs.

APR 30, 1985 20h 00m 13.59± 0.88s
39.223 N ± 7.1km 22.797 E ± 7.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.0 (ATH).

LIT	0.91	345	ePg	00	31.00	0.0
			iSg	00	44.90	
PAIG	0.98	44	ePbc	00	32.00	-0.2
KZN	1.34	324	ePn	00	39.00	0.7
OUR	1.44	39	ePb	00	39.20	-0.4
			eSb	00	58.60	
ATH	1.44	150	ePn	00	40.00	0.3
			eSg	01	00.50	
SOH	1.65	15	ePbc	00	43.20	0.4
			eSb	01	04.10	
GRG	1.76	350	iPbc	00	44.10	-0.2
			iSb	01	07.20	
KNT	1.94	2	ePn	00	47.00	0.1
			eSn	01	11.10	
VAY	2.10	355	iPn	00	49.50	0.3
OHR	2.43	322	ePn	00	52.50	-1.5
MMB	2.47	16	iPc	00	54.00	-0.5
			iS	01	23.00	
SKO	2.93	340	ePn	01	17.00	15.9X
KDZ	3.10	38	iP	01	03.00	-0.5
VTS	3.39	5	eP	01	09.00	1.5
	S.D. = 0.8		on	13	of	14 obs.

* APR 30, 1985 20h 02m 36.62± 1.00s
39.393 N ± 8.9km 23.074 E ±13.9km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

KZN	1.36	313	ePb	03	01.00	-0.6
ATH	1.51	160	ePg	03	03.80	0.2
			eSb	03	20.00	
VAY	1.96	349	iPn	03	11.00	0.7
MMB	2.25	13	iPc	03	15.00	0.5
OHR	2.44	315	ePn	03	20.50	3.3X
KDZ	2.84	37	iP	03	22.00	-0.8
VTS	3.21	2	eP	03	30.00	2.1X
	S.D. = 1.0		on	5	of	7 obs.

APR 30, 1985 20h 26m 56.44± 0.78s
39.245 N ± 6.2km 22.863 E ± 7.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT	0.90	342	ePgd	27	13.30	-0.4
			eSg	27	28.20	
PAIG	0.93	43	ePg	27	14.80	0.6
			eSg	27	28.80	
KZN	1.35	322	ePn	27	21.50	0.1
			eSn	27	42.50	
OUR	1.39	38	ePb	27	21.60	-0.2
			eSb	27	41.80	
ATH	1.44	152	ePg	27	22.50	0.0
SOH	1.62	13	ePbc	27	25.40	0.3
			iSb	27	47.00	
GRG	1.75	348	ePb	27	27.30	0.3
KNT	1.91	1	ePnc	27	29.40	0.0
			eSn	27	53.80	
SRS	1.95	16	ePn	27	29.60	-0.3
			eSn	27	54.40	
VAY	2.09	354	iPn	27	32.00	0.2
MMB	2.43	15	eP	27	02.00	-34.9X
KDZ	3.05	38	iP	27	45.00	-0.6
VTS	3.36	4	eP	28	02.00	12.0X
	S.D. = 0.4		on	11	of	13 obs.

APR 30, 1985 20h 52m 19.86± 0.86s
39.267 N ± 6.8km 22.802 E ± 8.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT	0.87	344	ePg	52	36.40	-0.1
			eSg	52	50.40	
PAIG	0.95	46	ePg	52	38.20	0.3
			eSg	52	52.50	
KZN	1.31	323	ePn	52	44.50	0.4
OUR	1.40	40	ePb	52	44.70	-0.7
ATH	1.48	151	ePn	52	46.50	0.0
			eSg	53	08.50	
SOH	1.61	15	ePb	52	48.70	0.3
GRG	1.72	350	ePb	52	49.60	-0.4
KNT	1.89	2	ePn	52	52.30	-0.2
			eSn	53	17.30	
VAY	2.06	355	ePn	52	54.50	-0.4
MMB	2.42	17	iPc	53	01.00	0.8
			iS	53	31.00	
KDZ	3.07	39	iP	53	29.00	19.8X
	S.D. = 0.5		on	10	of	11 obs.

APR 30, 1985 21h 12m 50.73± 0.39s
26.085 S ± 8.8km 70.882 E ± 7.5km
DEPTH = 10.0km (geophysicist)
5.2mb (7 obs.) 4.6Msz (1 obs.)
SOUTH INDIAN OCEAN (425)

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 21C
Centroid Location:
Origin Time 21:12:56.6 1.4
Lat 25.67S 0.10 Lon 70.79E 0.12
Dep 10.0 FIX Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr=-4.99 0.31 Mtt= 2.21 0.44
Mff= 2.78 0.42 Mrt=-2.21 1.22
Mrf= 2.11 1.54 Mtf=-4.38 0.35
Principal Axes:
T Val= 7.62 Plg=14 Azm=227
N -1.88 2 136
P -5.74 76 37
Best Double Couple:Mo=6.7*10**23
NP1:Strike=320 Dip=31 Slip= -85
NP2: 135 59 -93

AVY	22.52	284	eP	17	52.40	0.1
EVA	37.36	260	eP	20	06.00	0.4
SLR	38.19	261	eP	20	11.00	-1.6
BPI	38.34	260	e(P)	20	10.50	-3.4X
BUL	39.20	270	iPc	20	22.00	0.9
KRI	39.36	275	eP	20	21.00	-1.4
KSR	39.40	260	e(P)	20	23.00	0.3
PSI	39.43	48	ePc	20	36.50	13.7X
NAI	41.03	301	eP	20	38.00	1.7
	2.0s	111.76nm			5.2mb	
HYB	43.88	11	eP	21	00.00	0.8
CHG	52.30	34	iPd	22	04.80	0.0
	1.0s	12.50nm			4.8mb	
CHTO	52.30	34	eP	22	05.00	0.2
	1.0s	22.50nm			5.1mb	
Z	20s	0.59um			4.6Msz	
NDI	54.79	7	eP	22	22.50	-0.5
		eS		30	10.50	
DMN	55.11	15	eP	22	27.00	1.3
	1.6s	62.00nm			5.4mb	
PKI	55.15	16	eP	22	25.60	-0.5
	1.6s	56.00nm			5.3mb	
KKN	55.33	16	eP	22	27.00	-0.2
	1.0s	22.00nm			5.1mb	
QUE	56.08	356	eP	22	32.00	-0.5
LSA	58.77	21	eP	22	52.60	0.7
KMI	59.48	34	Pc	22	57.00	0.3
		S		31	09.00	
GYA	62.60	36	P	23	18.40	0.8
MHI	62.97	350	eP	23	20.00	0.1
SPA	64.07	180	eP	23	26.70	-0.3
	1.1s	11.90nm			5.0mb	
IR2	64.25	342	(P)	23	28.00	-0.4
CD2	64.81	31	eP	23	30.50	-1.5
SBA	65.93	167	e(P)	23	38.80	0.2
LZH	69.22	28	eP	24	00.50	0.5
XAN	69.85	33	eP	24	02.60	-1.1
WHN	70.00	39	P	24	05.50	0.9
GTA	70.53	23	Pc	24	08.30	0.4
WMO	71.25	13	Pc	24	11.20	-0.9
TIY	74.49	33	eP	24	31.00	-0.2
TIA	75.77	37	eP	24	37.20	-1.3
VRI	82.07	331	eP	25	12.00	-0.5
MLR	82.13	330	eP	25	13.00	0.1
ZST	88.25	327	e(P)	25	43.00	-0.2
INK	135.29	13	ePKP	32	18.00	6.4X
YKA	143.41	4	ePKP	32	25.30	-1.2
YKC	143.44	4	ePKP	32	23.00	-3.5X
FFC	150.91	351	ePKP	32	44.00	5.2X
	1.5s	53.00nm				
EDM	152.71	6	ePKP	32	28.00	-13.6X
JCT	170.69	300	iPKP	33	02.00	1.8
	1.1s	18.99nm				
ALQ	170.88	346	ePKP	33	00.00	-0.4
	1.8s	22.73nm				
		e		34	20.00	
LTX	174.18	305	ePKP	33	03.00	1.3
	1.2s	8.70nm				

S.D. = 0.9 on 37 of 43 obs.

APR 30, 1985 21h 18m 31.84± 0.81s
39.357 N ± 6.7km 29.164 E ± 8.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.48	301	iPg	18	39.80	-1.9
			iSg	18	45.90	
KCT	1.09	325	iPn	18	51.10	-1.2
YLV	1.22	8	iPn	18	54.10	-0.5
GPA	1.28	43	iPn	18	55.00	-0.7
BNT	1.38	317	iPn	18	56.10	-1.1
EDC	1.41	315	iPn	18	56.70	-0.8
IZM	1.77	238	ePn	19	02.10	-0.6
KGT	1.80	308	iPn	19	04.10	1.0
CTT	1.87	343	iPn	19	07.10	2.9X
BCK	2.20	149	iPn	19	08.60	-0.4
EZN	2.24	283	ePn	19	09.00	-0.5
YER	2.32	198	iPn	19	11.60	0.8
JMB	3.67	329	eP	19	32.00	2.2
KDZ	3.70	309	iP	19	33.00	2.8X
			iSg	20	23.00	
DIM	3.82	316	eP	19	34.00	2.0
PVL	4.84	323	iPd	19	48.00	1.6

S.D. = 1.4 on 14 of 16 obs.

% APR 30, 1985 21h 26m 08.18± 1.55s
39.256 N ±15.8km 29.122 E ± 9.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.52	313	iPg	26	17.10	-1.6
			iSg	26	24.70	
ALT	0.79	104	ePn	26	23.70	0.0
KCT	1.15	329	iPn	26	30.10	0.3
YLV	1.32	8	iPn	26	33.10	0.4
GPA	1.38	41	iPn	26	32.70	-0.8
BNT	1.44	320	iPn	26	35.10	0.8
EDC	1.46	319	iPn	26	35.20	0.7

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

? APR 30, 1985 21h 37m 25.54± 1.11s
24.061 S ±22.8km 66.810 W ±13.0km
DEPTH = 221.3 ± 13.0 km
SALTA PROVINCE, ARGENTINA (129)

SLA	1.37	119	iPc	38	00.90	0.3
			S	38	26.00	
YJA	2.23	33	iPd	38	08.60	-0.3
ANT	3.32	275	iP	38	20.40	0.0
VAO	18.23	91	e(P)	41	24.00	-0.9
BAO	19.57	68	P	41	39.60	0.9

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

* APR 30, 1985 22h 07m 34.90± 0.95s
39.273 N ± 7.5km 22.963 E ±10.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.0 (KBN).

PAIG	0.86	40	ePgc	07	52.40	1.0
			eSg	08	05.80	
LIT	0.90	336	ePgd	07	51.20	-1.0
			eSg	08	04.70	
OUR	1.32	36	ePbc	07	59.50	0.3
			eSb	08	18.40	
THE	1.36	0	ePb	07	58.90	-0.9
KZN	1.38	319	ePn	07	39.80	-20.5X
			eSg	08	20.00	
ATH	1.43	155	ePg	08	00.40	-0.4
			eSg	08	19.50	
SOH	1.58	11	ePb	08	03.10	0.1
			iSb	08	24.50	
KNT	1.89	359	ePnc	08	07.40	-0.1
			iSn	08	31.60	
SRS	1.90	14	ePnc	08	07.50	-0.2
			eSn	08	32.00	
VAY	2.07	352	ePn	08	10.00	0.0
MMB	2.39	14	iPc	08	14.00	-0.7
			iS	08	23.00	
KDZ	2.99	37	iP	08	11.00	-12.1X
MEM	16.47	319	Pb	11	30.80	3.5X
			e	11	47.30	
ENN	16.60	319	e(Pn)	11	31.00	1.9
			eSg	11	45.00	

S.D. = 1.0 on 11 of 14 obs.

APR 30, 1985 22h 20m 19.58± 0.78s
39.159 N ± 6.1km 22.851 E ± 7.8km
DEPTH = 10.0km (geophysicist)
GREECE (364)

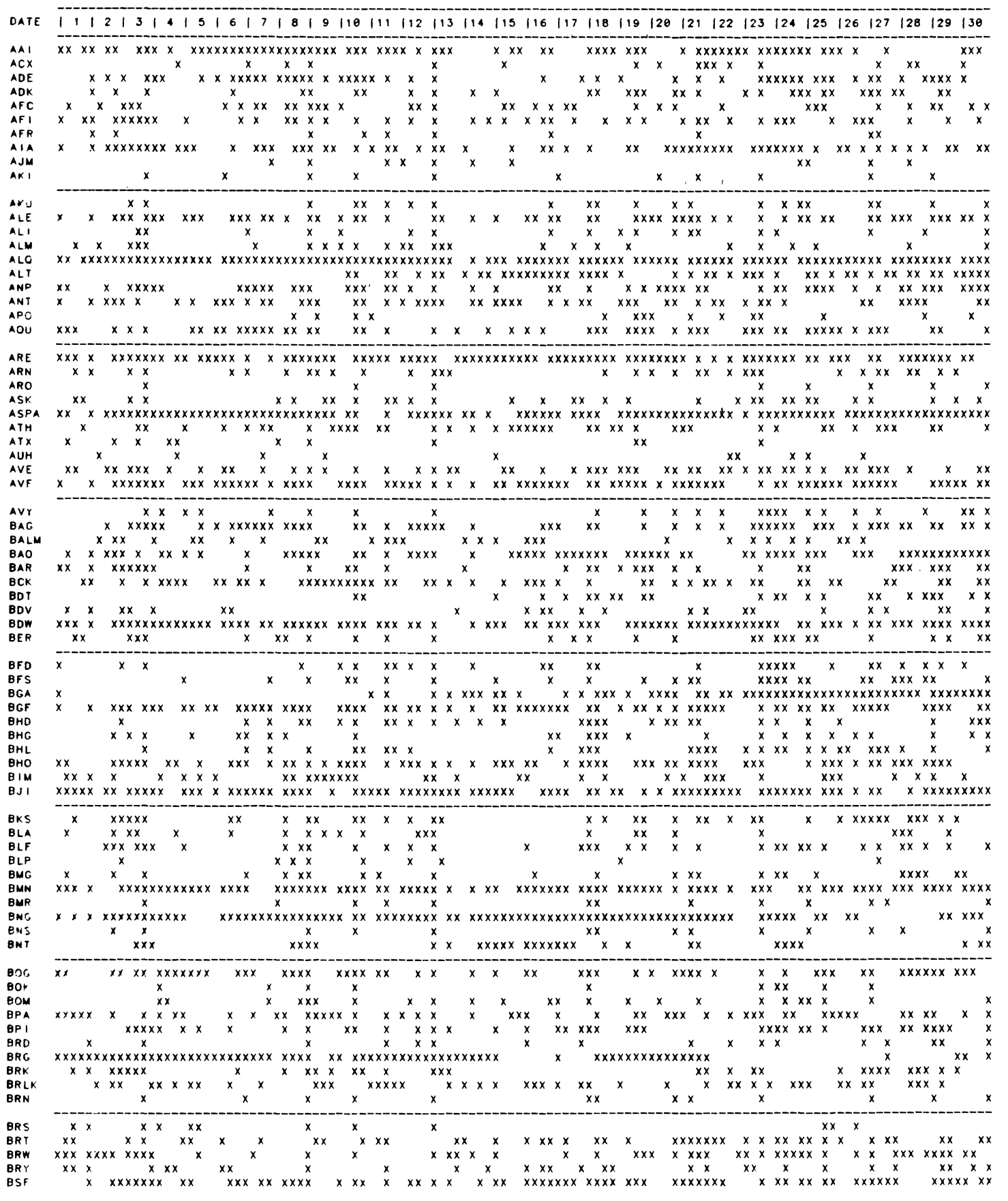
LIT	0.98	344	ePgd	20	37.70	-0.5
			iSg	20	52.00	
PAIG	1.00	40	ePg	20	38.80	0.3
			eSg	20	52.20	
ATH	1.37	150	ePb	20	44.50	-0.1
			eSg	21	04.60	
KZN	1.42	324	ePg	20	46.00	0.6
			eSg	21	06.00	
OUR	1.46	36	ePb	20	45.90	-0.1
			eSb	21	04.80	
GRG	1.83	349	ePnc	20	51.50	0.2
KNT	2.00	1	ePnd	20	53.70	-0.1
			eSn	21	18.20	
SRS	2.04	16	ePnc	20	54.30	0.0
VAY	2.17	354	ePn	20	56.00	-0.2
MMB	2.52	15	iPc	21	01.00	-0.2
KDZ	3.13	37	iP	21	10.00	0.2

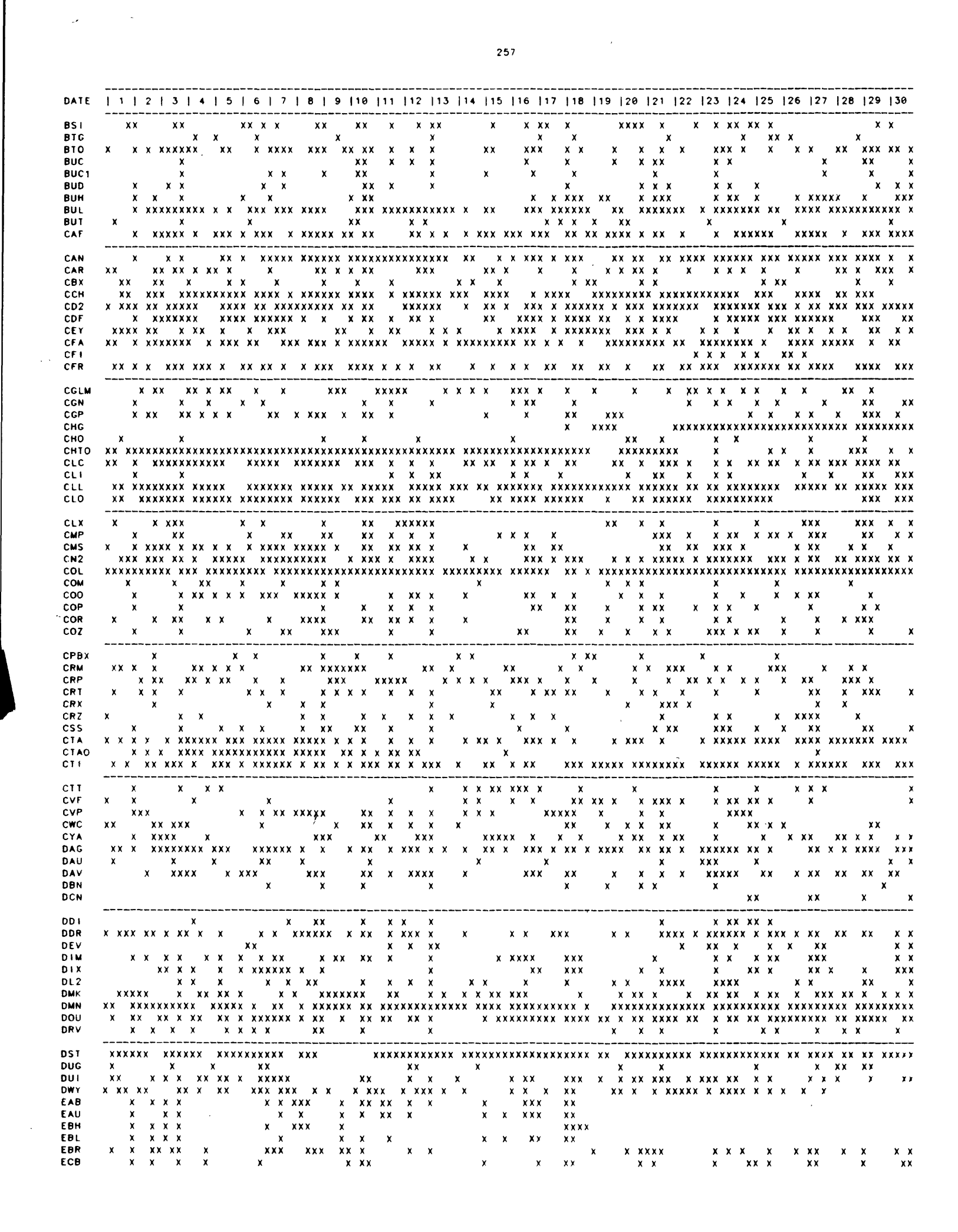
S.D. = 0.3 on 11 of 11 obs

STATION DATA REPORT FOR APRIL, 1985

1082 stations reported 54246 reading arrival groups

X = data received for this 6-hour time period

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| 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
BSI
BTC
BTO
BUC
BUC1
BUD
BUH
BUL
BUT
CAF
CAN
CAR
CBX
CCH
CD2
CDF
CEY
CFA
CFI
CFR
CGLM
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CHG
CHO
CHTO
CLC
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CLL
CLO
CLX
CMP
CMS
CN2
COL
COM
COO
COP
COR
COZ
CPBX
CRM
CRP
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CRZ
CSS
CTA
CTAO
CTI
CTT
CVF
CVP
CWC
CYA
DAG
DAU
DAV
DBN
DCN
DDI
DDR
DEV
DIM
DIX
DL2
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DRV
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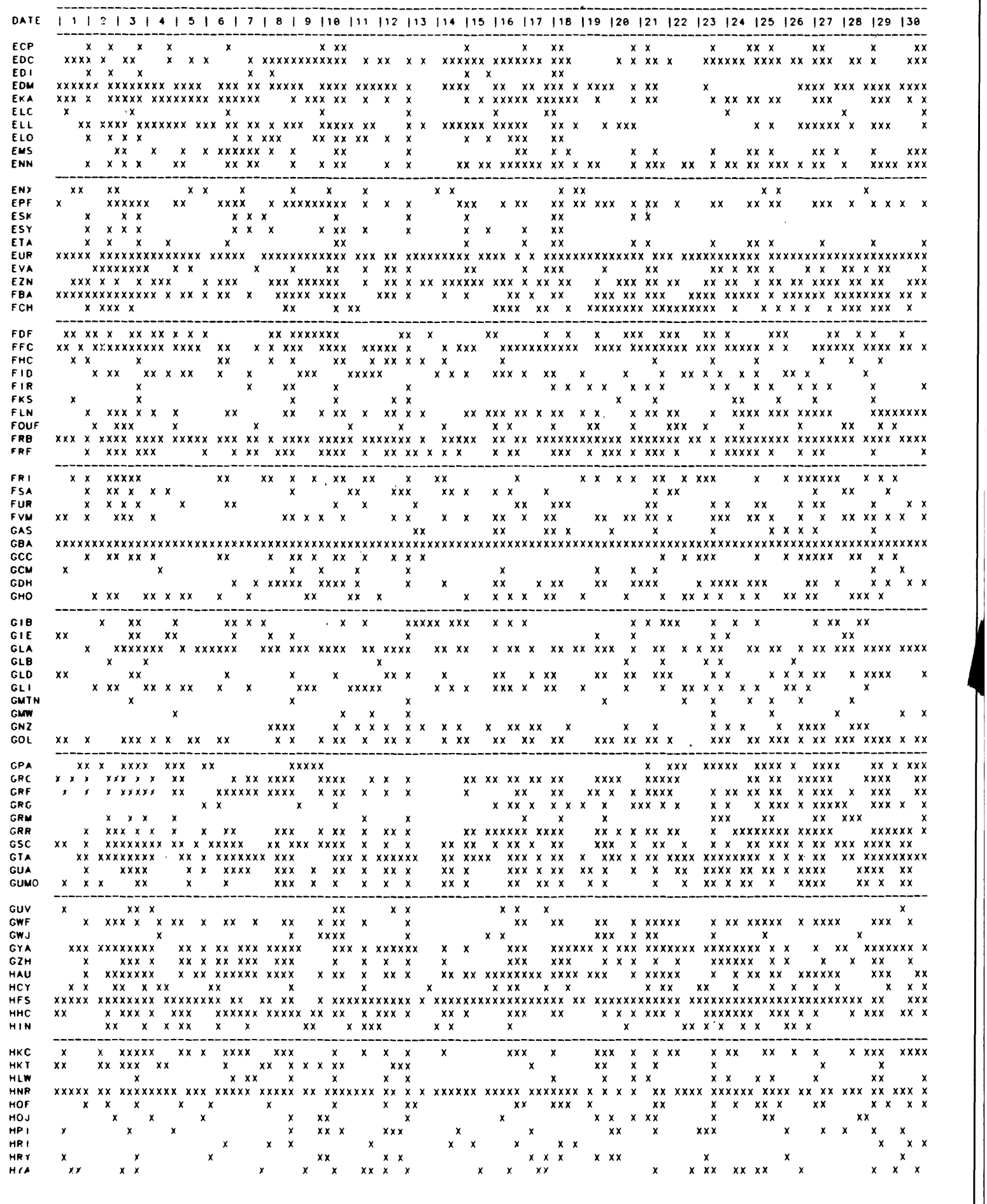
EBH
EBL
EBR
ECB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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
ECP
EDC
EDI
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FBA
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FDF
FFC
FHC
FID
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FRB
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FRI
FSA
FUR
FVM
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GRC
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GSC
GTA
GUA
GUMO
GUV
GWF
GWJ
GYA
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HAU
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HKC
HKT
HLW
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HOF
HOJ
HPI
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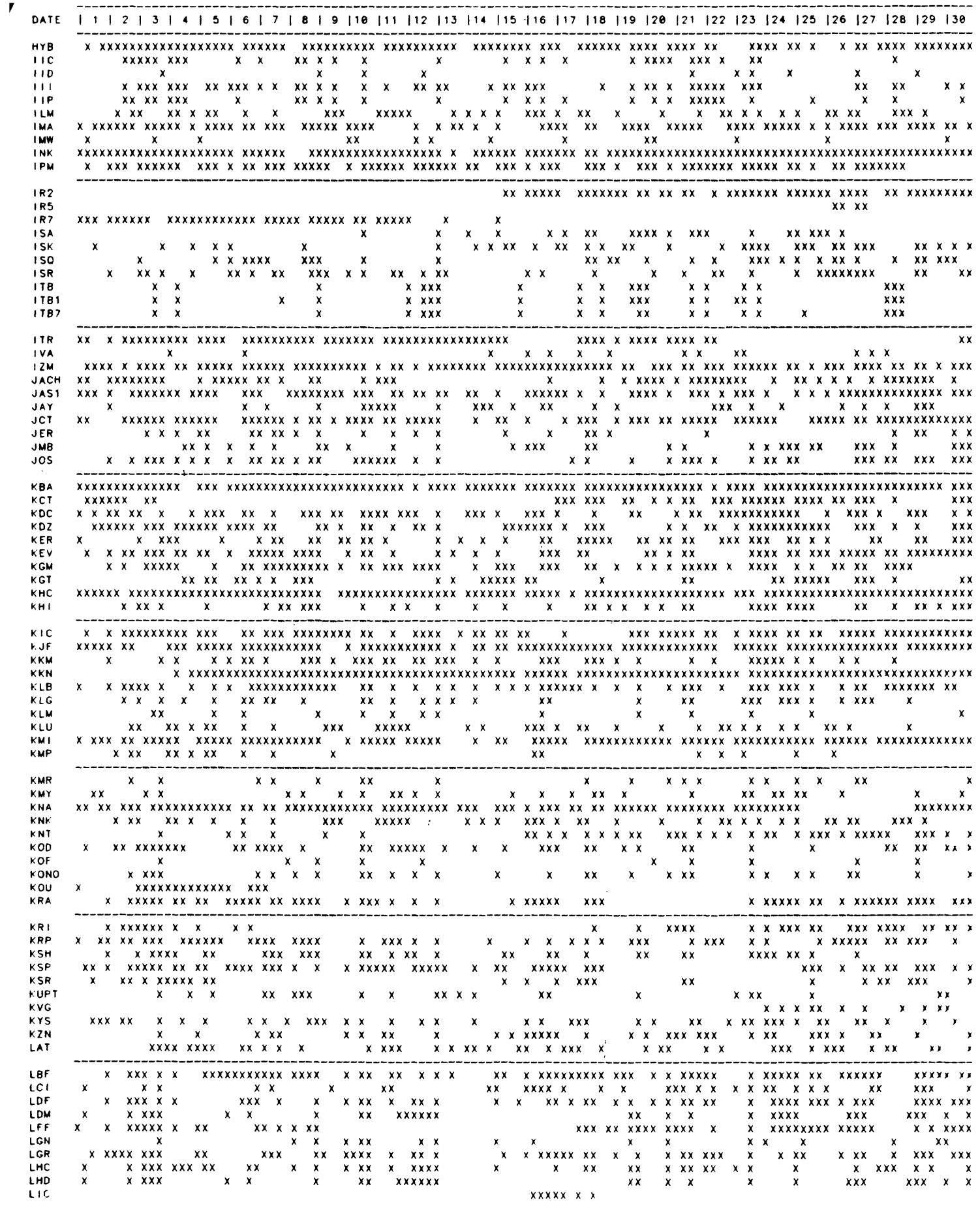
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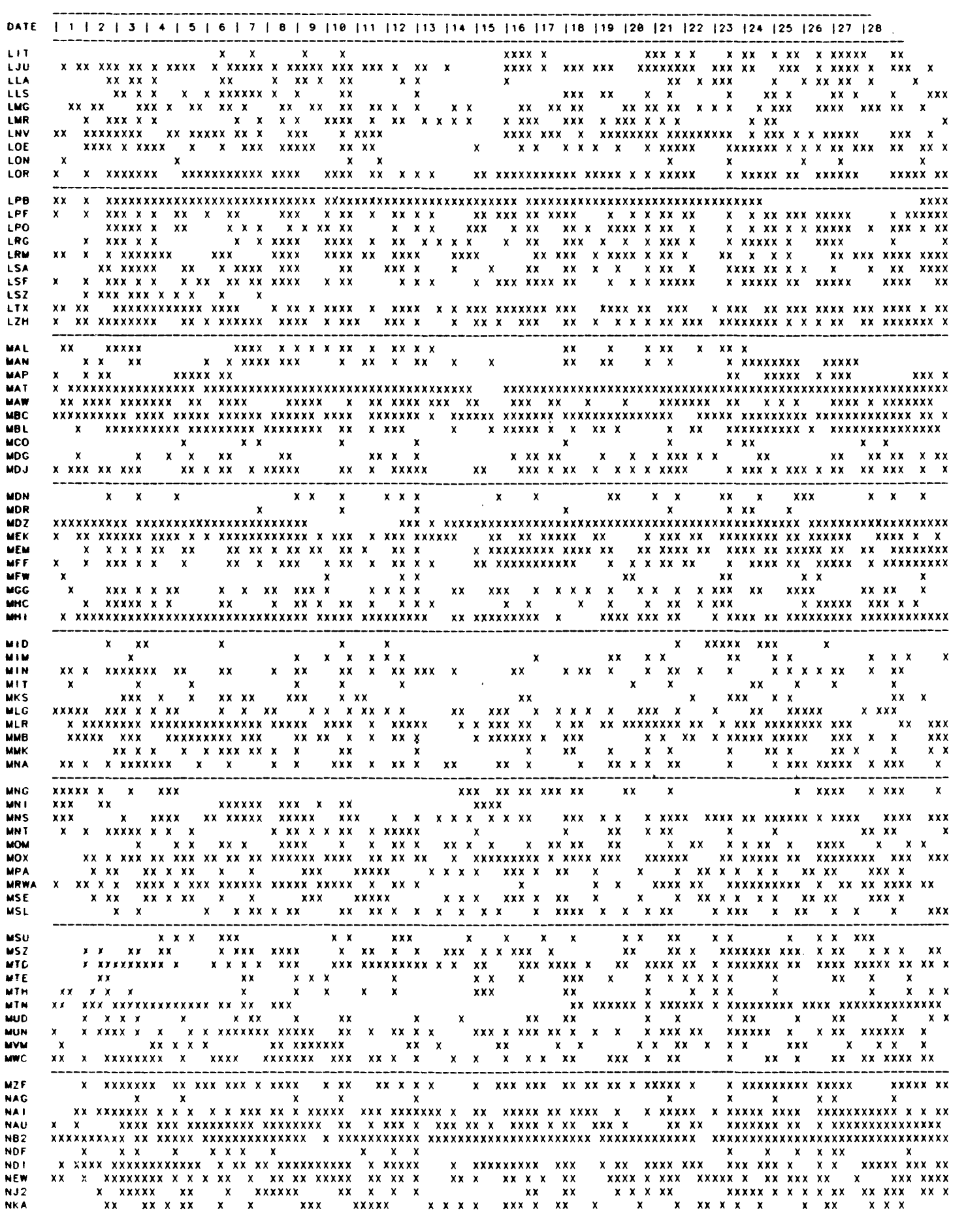
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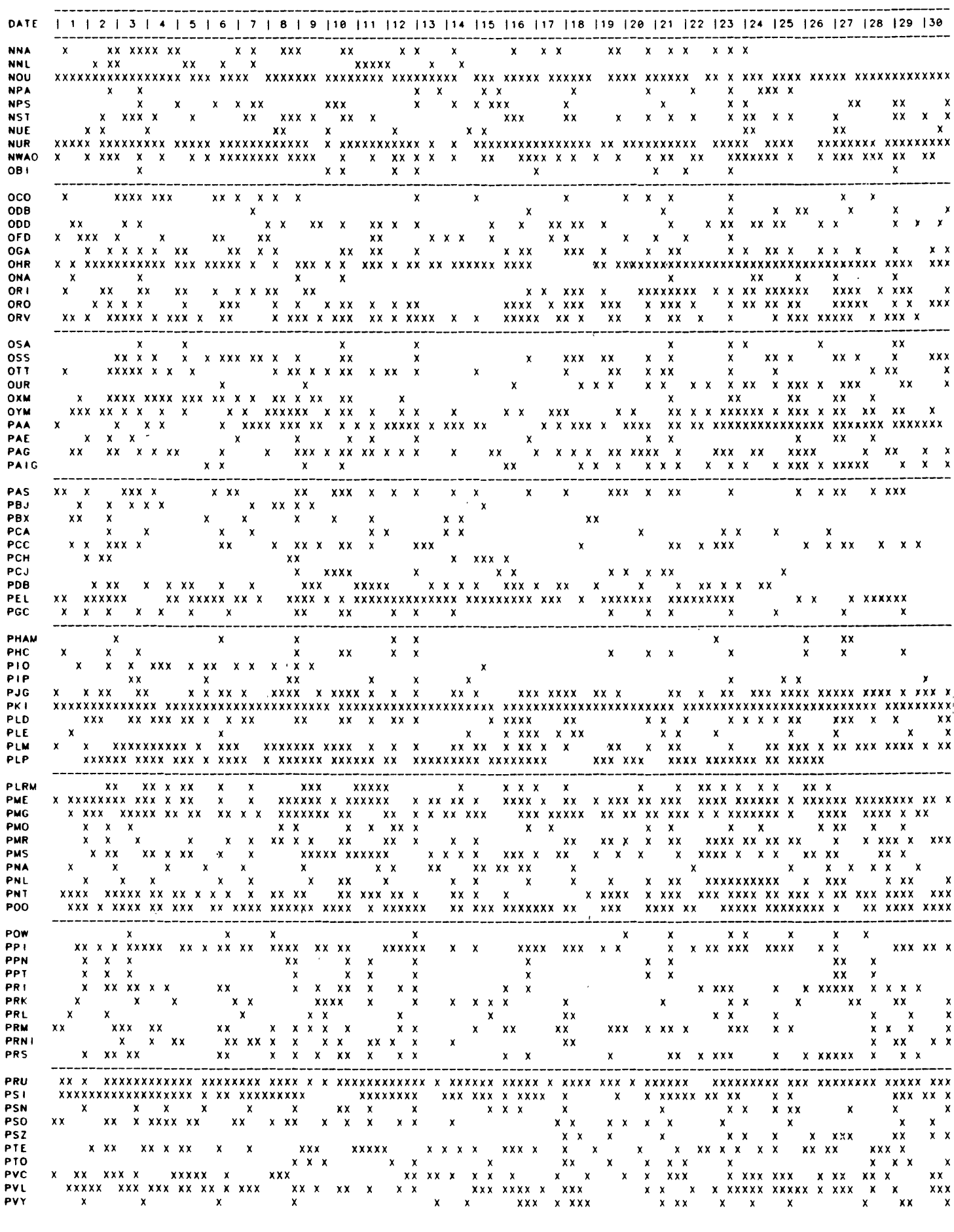
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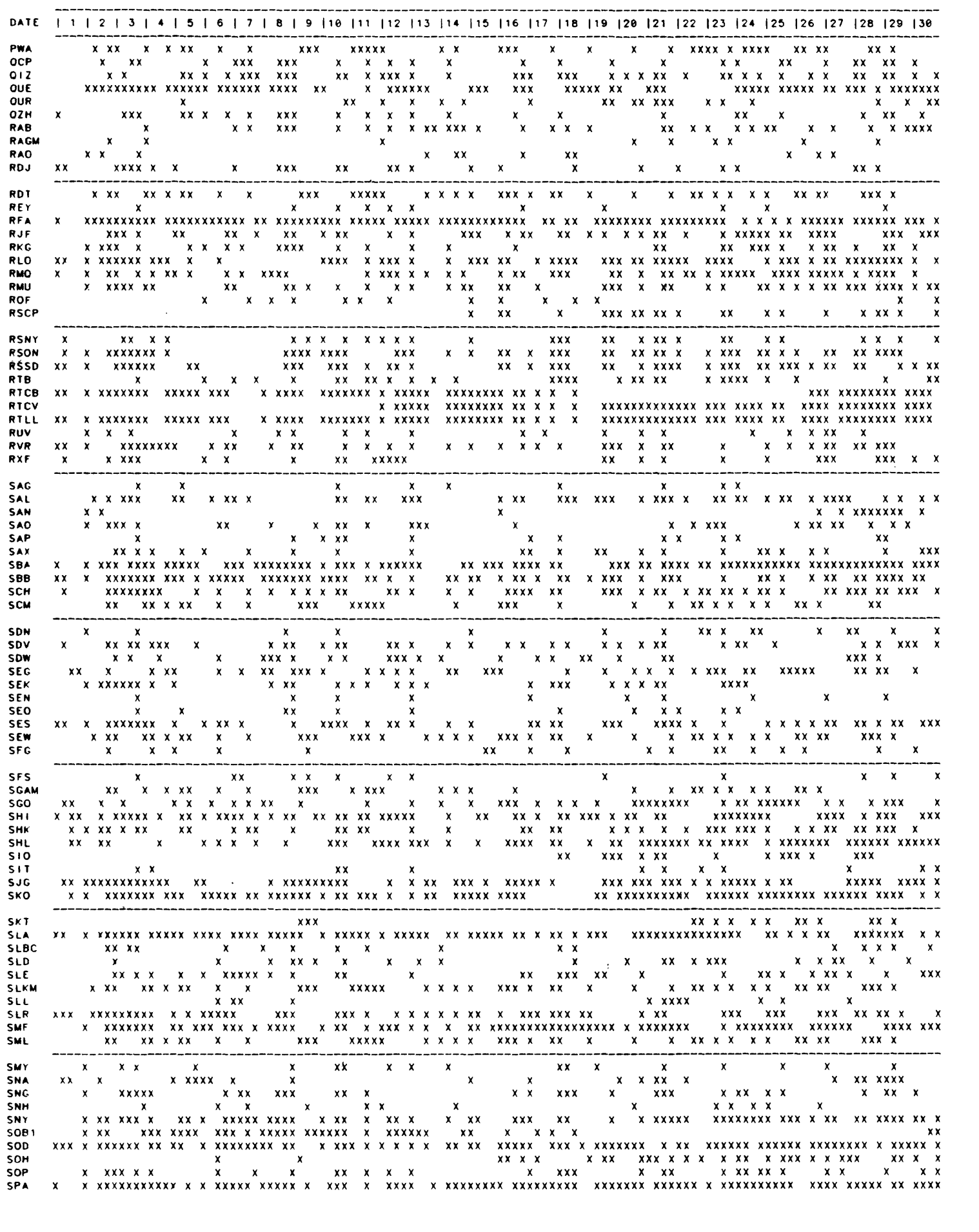
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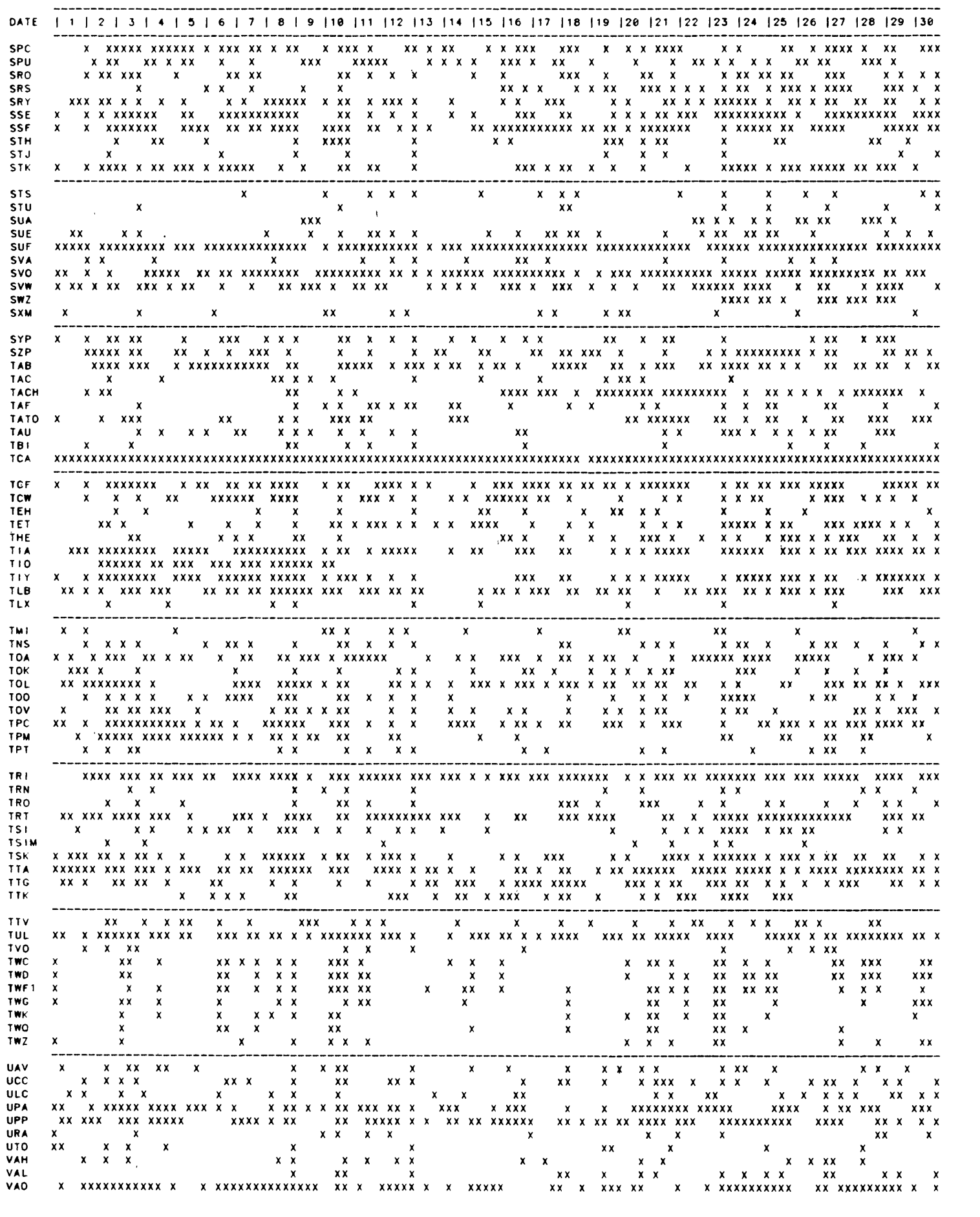
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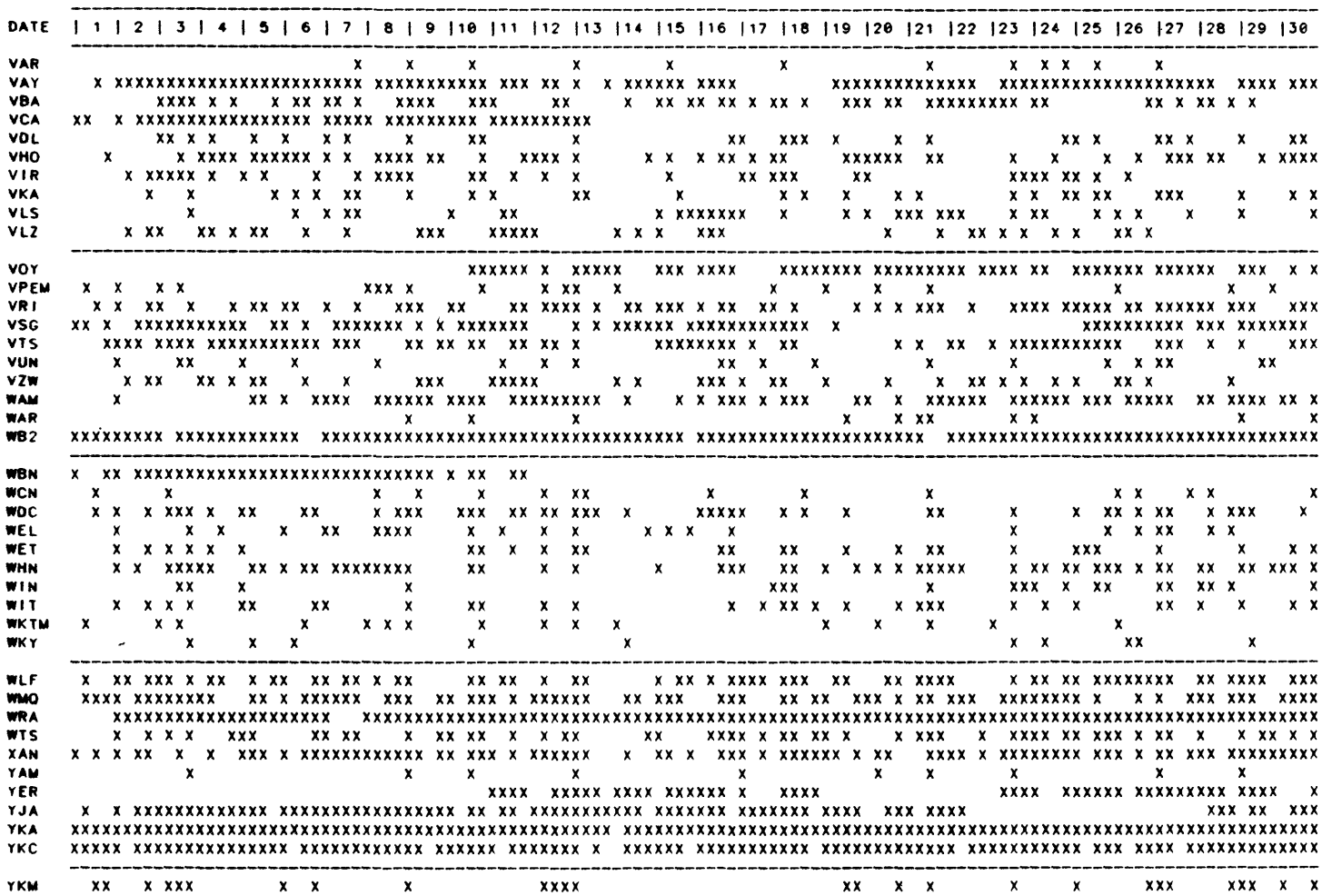

The following stations each reported less than 10 readings:

AAE	AAS	ABJ	ACO	ADI	AGAM	AGT	AHA	AIK	AIN	AJI	ALOA	ANG	ANTO	AOM	APA	AR1	ARC
ASA	ASH	ASI	ASJ	ASZ	ATE	AUL	BAA	BAC	BACH	BAK	BAL	BBJ	BCPM	BFW	BIB	BIR	BKB
BMRM	BNH	BNP	BRL	CAL	CAO	CARB	CBI	CBZ	CDD	CDM	CEI	CER	CHCH	CHI	CHX	CIS	CIZ
CLV	CMZ	CNP	CNPM	CNZ	COB	COI	COW	CPE	CPK	CRI	CSG	CTGM	CUM	CVA	CVL	DAF	DES
DLA	DLE	DMU	DMV	DOC	DOWB	DPRB	DUS	ECH	ECZ	ELF	EMM	EMX	EPA	ERC	ESCF	ESR	FAR
FKJ	FKK	FLAG	FOC	FRU	FUK	FUL	FUO	GAL	GAP	GBZ	GFM	GIF	GNG	GOA	GRC1	GRO	GRS
GRT	GSH	GVI	GVN	GYO	GZR	HAC	HAK	HAM	HAY	HBF	HCG	HDC	HIK	HIM	HIR	HJJ	HLD
HLP	HMD	HMM	HNB	HNME	HOM	HON	HPU	HON	HUH	IAS	IIM	IIT	IKP	ILT	IRK	IRZ	ISI
ISN	ISSF	IZU	JAU	JCK	JOZ	JSC	JUD	KAB	KAD	KAE	KAG	KAI	KAIM	KAN	KBS	KHO	KHU
KIP	KIR	KKU	KKZ	KLL	KMG	KMJ	KOB	KOC	KOE	KPO	KRO	KSU	KUH	KUM	KUR	KUS	KVT
KYL	KYO	LCG	LCH	LEM	LGBM	LHE	LIS	LMHM	LMPM	LOP	LPA	LSM	LVV	MADF	MAE	MAK	MBU
MCA	MCJ	MCO	MCW	MFT	MGM	MIS	MIY	MKA	MLH	MLX	MNB	MNK	MNP	MOI	MOT	MRK	MRR
MRT	MSO	MSR	MSV	MTS	MTY	MVH	MVI	MYK	MYV	MYZ	MZP	MZX	NA2	NAB	NAH	NAV	NCM
NEM	NGH	NGN	NGO	NGS	NGT	NII	NOB	NPH	NRI	NRN	NSLM	NWRM	NZJ	OFU	OGE	OIT	OKA
OLY	OMZ	ONE	OPA	OPT	OSH	OSK	OUT	OWA	OXX	PAL	PBA	PBC	PCI	PGP	PLDF	PLH	POA
POI	PPK	PPL	PRIN	PRN	PRY	PTCR	PTN	PUH	PUL	PV03	PV05	PV09	PWH	PWL	PWLA	PYM	QPS
QSM	QUT	QZO	RAI	RAR	RCI	RDP	RED	RFM	RIM	RIN	RIV	RKT	RMJ	RMN	RMP	RMT	ROCH
RRO	RSNT	RW2	RW5	SAI	SAM	SAV	SCE	SFF	SGH	SGS	SGV	SHJ	SHN	SHW	SHZ	SIM	SJS
SKLY	SKR	SLB	SLEB	SLW	SNB	SNZO	SPL	SRE	SSB	SSP	SSS	STE	SUT	SVB	SVP	SYO	TAJ
TAS	TAT	TBR	TBY	TCE	TDM	TEN	THI	THOB	TIN	TKD	TKL	TKM	TKS	TMBR	TMP	TNZ	TOT
TOY	TPP	TPX	TPZ	TRD	TRR	TRZ	TSU	TUA	TURI	TWM1	TYK	UME	UNM	UNZ	UTS	UWE	UZH
VDB	VGZ	VIS	WAJ	WAK	WEW	WHA	WIZ	WKA	WNZ	WTZ	WVLY	YAH	YBT	YKGM	YMT1	YMT3	YSS
ZAG	ZNT																